# Monitoring Report #2010-1
For the Greater New Bedford LFG Utilization Project
Dartmouth, Massachusetts
For Verification Period January 1, 2010 through June 30, 2010

July 28, 2010

**CommonWealth**
Resource Management Corporation

July 28, 2010

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

Re: Greater New Bedford LFG Utilization Project Emissions Reductions Verification
Verification Processes: Voluntary Carbon Standard
For the Periods: January 1, 2010 through June 30, 2010

Dear Iris,

On behalf of our subsidiary CommonWealth New Bedford Energy LLC, we are hereby submitting for your review the information required to perform a Verification of documented methane emissions reductions achieved from January 1, 2010 through June 30, 2010 (the GHG Reductions or Emission Reductions) at the Greater New Bedford LFG Utilization Project (the Project) in Dartmouth, Massachusetts.

Please perform the Verification and prepare a Verification Report required for verification process under the Voluntary Carbon Standard. Specifically, we are asking you to Verify our documented claims that the emission reductions generated by the Project during first half of 2010 are equivalent to 52,406 metric tons of Voluntary Carbon Units (VCUs) in accordance with verification protocol under the Voluntary Carbon Standard.

In support of claims, attached for your review are the following:

1. Exhibit 1 summarizes the emission reductions from methane oxidation during energy generation and flaring from January 1, 2010 through June 30, 2010.

2. Exhibit 2 provides LFG totalizer readings, and methane content readings for the periods from January 1, 2010 through June 30, 2010, and calculations using the verification protocols under the VCS to obtain emission reductions from methane oxidation during energy generation.

3. Exhibit 3 provides LFG totalizer readings, and methane content readings for the periods from January 1, 2010 through June 30, 2010, and calculations using the

verification protocols under the VCS to obtain emission reductions from methane oxidation during flaring.

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

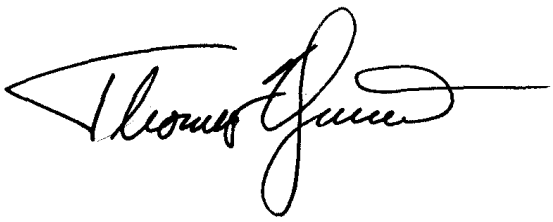
5. Exhibit 5 is a compilation of the field data logs recording the total landfill gas volumes and methane content readings for the identified reporting periods.

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

Hourly data for the months of January 1, 2010 through June 30, 2010 are provided in two MS Excel spreadsheets titled "Hourly Reports for 2010 Jan – March" and "Hourly Reports for 2010 April – June."

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

Sincerely,



Thomas Yeransian
Principal

EXHIBIT 1

**CommonWealth New Bedford Energy LLC**

**Greater New Bedford LFG Utilization Project**

**Dartmouth, Massachusetts**

**Calculation of Verified Emission Reduction Credits in CO2 equivalent tons in accordance with the Project Methodology**

## *Key parameters used in calculations*

| Parameter | | VCS |
|---|---|---|
| Methane oxidation efficiency electricity generation | | 100.0% |
| Methane oxidation efficiency LFG flaring | | 50.0% |
| Methane, molecular weight | | 16 |
| Pounds per metric ton | | 2,205 |
| Gas constant (scf per lb-mole) | | 385 |
| Global Warming Potential (GWP) methane | | 21 |

## *Summary results*

| | Unit | |
|---|---|---|
| **Electricity generation** | | |
| Start date | | 1-Jan-10 |
| End date | | 30-Jun-10 |
| Methane delivered | scf | 146,556,394 |
| Emission Reductions | metric tons CO2e | **58,006** |
| | | |
| **Flaring** | | |
| Start date | | 1-Jan-10 |
| End date | | 30-Jun-10 |
| Methane delivered | scf | - |
| Emission Reductions | metric tons CO2e | **-** |
| | | |
| **Subtotal** | | |
| Methane delivered | scf | 146,556,394 |
| Emission Reductions | metric tons CO2e | **58,006** |
| | | |
| **District Initial System** | | |
| Methane delivered | scf | 14,148,837 |
| Emission Reductions | metric tons CO2e | **5,600** |
| | | |
| **Total** | | |
| Emission Reductions eligible under VCS program | metric tons CO2e | **52,406** |

**EXHIBIT 2**

**CommonWealth New Bedford Energy LLC**

**Emission Reductions from methane oxidation during energy generation**

**Physical constants:**

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

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

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

**Standard of Verification: Voluntary Carbon Standard 2007.1**

| Begin period - date | End period - date | Totalizer reading end period | Totalizer reading start period | Total in period | Methane delivered to engines | Methane delivered cumulative | Methane delivered in the period | Methane delivered in the period | Methane oxidation efficiency | MD electricity, Mass methane destroyed in the period | MD electricity, Mass methane destroyed cumulative | Global warming potential methane | Emission reduction | Emission reduction cumulative |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| *mm/dd/yy* | *mm/dd/yy* | *MMBtu HHV* | *MMBtu HHV* | *MMBtu HHV* | *scf* | *scf* | *metric tons* | *metric tons* | *%* | *metric tons* | *metric tons* | *tons CO2 equivalent per ton methane* | *CO2 equivalent metric tons* | *CO2 equivalent metric tons* |
| | 1-Jan-10 | | | | | | | | | | | | | |
| 1-Jan-10 | 31-Jan-10 | 26,636 | - | 26,636 | 26,320,228 | 26,320,228 | 496 | 496 | 100.0% | 496 | 496 | 21 | 10,417 | 10,417 |
| 1-Feb-10 | 28-Feb-10 | 50,533 | 26,636 | 23,897 | 23,613,636 | 49,933,864 | 445 | 941 | 100.0% | 445 | 941 | 21 | 9,346 | 19,764 |
| 1-Mar-10 | 31-Mar-10 | 77,226 | 50,533 | 26,693 | 26,376,482 | 76,310,346 | 497 | 1,438 | 100.0% | 497 | 1,438 | 21 | 10,440 | 30,203 |
| 1-Apr-10 | 30-Apr-10 | 101,716 | 77,226 | 24,490 | 24,199,605 | 100,509,951 | 456 | 1,894 | 100.0% | 456 | 1,894 | 21 | 9,578 | 39,781 |
| 1-May-10 | 31-May-10 | 126,160 | 101,716 | 24,444 | 24,154,150 | 124,664,101 | 455 | 2,350 | 100.0% | 455 | 2,350 | 21 | 9,560 | 49,341 |
| 1-Jun-10 | 30-Jun-10 | 148,315 | 126,160 | 22,155 | 21,892,292 | 146,556,394 | 413 | 2,762 | 100.0% | 413 | 2,762 | 21 | 8,665 | 58,006 |

**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: Voluntary Carbon Standard 2007.1**

| Begin period - date | End period - date | Totalizer reading end period | Totalizer reading start period | Total in period | Methane delivered to flare | Methane delivered cumulative | Methane delivered in the period | Methane delivered cumulative | Methane oxidation efficiency | MD flare, Mass methane destroyed in the period | MD flare, Mass methane destroyed cumulative | Global warming potential methane | Emission reduction | Emission reduction cumulative | PE flare, Project emissions (uncontrolled emissions to atmosphere from flare) | PE flare, Project emissions cumulative (uncontrolled emissions to atmosphere from flare) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| *mm/dd/yy* | *mm/dd/yy* | *MMBtu HHV* | *MMBtu HHV* | *MMBtu HHV* | *scf* | *scf* | *metric tons* | *metric tons* | *%* | *metric tons* | *metric tons* | *tons CO2 equivalent per ton methane* | *CO2 equivalent metric tons* | *CO2 equivalent metric tons* | *CO2 equivalent metric tons* | *CO2 equivalent metric tons* |
| | 1-Jan-10 | | | | | | | | | | | | | | | |
| 1-Jan-10 | 31-Jan-10 | - | - | - | - | - | 0 | 0 | 0% | - | - | 21 | - | - | - | - |
| 1-Feb-10 | 28-Feb-10 | - | - | - | - | - | 0 | 0 | 0% | - | - | 21 | - | - | - | - |
| 1-Mar-10 | 31-Mar-10 | - | - | - | - | - | 0 | 0 | 0% | - | - | 21 | - | - | - | - |
| 1-Apr-10 | 30-Apr-10 | - | - | - | - | - | 0 | 0 | 0% | - | - | 21 | - | - | - | - |
| 1-May-10 | 31-May-10 | - | - | - | - | - | 0 | 0 | 0% | - | - | 21 | - | - | - | - |
| 1-Jun-10 | 30-Jun-10 | - | - | - | - | - | 0 | 0 | 0% | - | - | 21 | - | - | - | - |

EXHIBIT 4

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

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

| Year | Methane collected and delivered to engines and flare, methane metric tons | MD electricity, methane metric tons | MD flared, methane metric tons | MD project, methane metric tons | MD bl (2), methane metric tons | (MD project MD bl) methane metric tons | BE, CO2e metric tons | ER, CO2e metric tons |
|---|---|---|---|---|---|---|---|---|
| 1st Half 2010 | 2,762 | 2,762 | - | 2,762 | 267 | 2,496 | 52,406 | 52,406 |

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

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

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

EXHIBIT 5

Compilation of the field data logs recording the total landfill gas volumes and methane content readings for the first half 2010

| **JANUARY 2010** | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CNBE Daily Reports Summary Data | | | | | | | | | | | | | | | | |
| | Friday | Saturday | Sunday | Monday | Tuesday | Wednesday | Thursday | Friday | Saturday | Sunday | Monday | Tuesday | Wednesday | Thursday | Friday |
| | 1/1/2010 | 1/2/2010 | 1/3/2010 | 1/4/2010 | 1/5/2010 | 1/6/2010 | 1/7/2010 | 1/8/2010 | 1/9/2010 | 1/10/2010 | 1/11/2010 | 1/12/2010 | 1/13/2010 | 1/14/2010 | 1/15/2010 |
| Landfill Gas Flow to the Engines (KSCF) | 1,635 | 1,623 | 1,033 | 1,721 | 1,678 | 1,699 | 1,710 | 1,737 | 1,752 | 1,647 | 1,721 | 1,710 | 1,786 | 1,744 | 1,683 |
| Landfill Gas Flow to the Engines (MMBTU HHV) | 869 | 862 | 554 | 889 | 864 | 879 | 878 | 891 | 879 | 838 | 872 | 875 | 897 | 852 | 871 |
| Landfill Gas Flow to the Flare (KSCF) | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Landfill Gas Flow to the Flare (MMBTU HHV) | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Landfill Gas Total Flow (KSCF) | 1,635 | 1,623 | 1,033 | 1,721 | 1,678 | 1,699 | 1,710 | 1,737 | 1,752 | 1,647 | 1,721 | 1,710 | 1,786 | 1,744 | 1,683 |
| Landfill Gas Total Flow (MMBTU HHV) | 869 | 862 | 554 | 889 | 864 | 879 | 878 | 891 | 879 | 838 | 872 | 875 | 897 | 852 | 871 |
| Average Methane Content (%) | 52.5 | 52.5 | 53.0 | 51.1 | 50.9 | 51.1 | 50.7 | 50.7 | 49.6 | 50.3 | 50.1 | 50.6 | 49.6 | 48.3 | 51.1 |
| Engine 1 Hours | 24 | 24 | 15 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 |
| Engine 2 Hours | 24 | 24 | 15 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 |
| Engine 3 Hours | 24 | 24 | 13 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 |
| Engine 4 Hours | 24 | 24 | 15 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 |
| Generator 1 Power Output (kWhr) | 14,360 | 14,316 | 9,841 | 15,926 | 16,044 | 16,330 | 16,278 | 15,719 | 14,627 | 14,407 | 16,028 | 15,348 | 15,593 | 14,965 | 15,300 |
| Generator 2 Power Output (kWhr) | 13,959 | 13,916 | 9,626 | 16,839 | 16,129 | 16,266 | 14,697 | 13,978 | 14,102 | 13,983 | 15,621 | 15,015 | 15,554 | 15,162 | 14,983 |
| Generator 3 Power Output (kWhr) | 18,588 | 18,504 | 9,411 | 17,034 | 15,867 | 16,166 | 17,425 | 18,605 | 14,591 | 14,230 | 15,981 | 15,747 | 16,419 | 15,112 | 14,842 |
| Generator 4 Power Output (kWhr) | 18,206 | 18,149 | 10,142 | 17,110 | 16,220 | 16,513 | 17,653 | 18,668 | 18,859 | 18,721 | 18,791 | 17,744 | 18,846 | 18,122 | 18,176 |
| Gross Power Output (kWhr) | 65,469 | 65,251 | 39,321 | 67,345 | 64,784 | 65,811 | 66,489 | 67,371 | 62,647 | 61,803 | 66,856 | 64,279 | 66,901 | 63,837 | 63,769 |
| Net Power Output (kWhr) | 64,326 | 64,090 | 38,573 | 66,030 | 63,412 | 64,413 | 65,079 | 65,932 | 61,210 | 60,573 | 65,473 | 62,896 | 65,432 | 62,443 | 62,491 |
| Power Sold as metered by NStar, (kWhr) | 65,030 | 65,023 | 38,628 | 66,582 | 64,551 | 64,413 | 65,729 | 66,559 | 61,184 | 61,061 | 65,716 | 63,387 | 65,490 | 62,688 | 62,467 |
| Offgrid RECs (kWhr) | 1,143 | 1,161 | 748 | 1,315 | 1,372 | 1,398 | 1,410 | 1,439 | 1,437 | 1,230 | 1,383 | 1,383 | 1,469 | 1,394 | 1,278 |
| **Calculated Performance Results** | | | | | | | | | | | | | | | |
| **Daily** | | | | | | | | | | | | | | | |
| Power output (kW average when running) | | | | | | | | | | | | | | | |
| Generator 1 | 598 | 597 | 656 | 664 | 669 | 680 | 678 | 655 | 609 | 600 | 668 | 640 | 650 | 624 | 638 |
| Generator 2 | 582 | 580 | 642 | 702 | 672 | 678 | 612 | 582 | 588 | 583 | 651 | 626 | 648 | 632 | 624 |
| Generator 3 | 775 | 771 | 724 | 710 | 661 | 674 | 726 | 775 | 608 | 593 | 666 | 656 | 684 | 630 | 618 |
| Generator 4 | 759 | 756 | 676 | 713 | 676 | 688 | 736 | 778 | 786 | 780 | 783 | 739 | 785 | 755 | 757 |
| Power output (kW average over 24-hrs) | | | | | | | | | | | | | | | |
| Facility Gross | 2,728 | 2,719 | 1,638 | 2,806 | 2,699 | 2,742 | 2,770 | 2,807 | 2,610 | 2,575 | 2,786 | 2,678 | 2,788 | 2,660 | 2,657 |
| Facility Net | 2,680 | 2,670 | 1,607 | 2,751 | 2,642 | 2,684 | 2,712 | 2,747 | 2,550 | 2,524 | 2,728 | 2,621 | 2,726 | 2,602 | 2,604 |
| In-plant load | 48 | 48 | 31 | 55 | 57 | 58 | 59 | 60 | 60 | 51 | 58 | 58 | 61 | 58 | 53 |
| Daily availability factor | | | | | | | | | | | | | | | |
| Facility | 100% | 100% | 60% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% |
| Engine 1 | 100% | 100% | 63% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% |
| Engine 2 | 100% | 100% | 63% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% |
| Engine 3 | 100% | 100% | 54% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% |
| Engine 4 | 100% | 100% | 63% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% |
| Daily capacity factor | | | | | | | | | | | | | | | |
| Facility | 83% | 82% | 50% | 85% | 82% | 83% | 84% | 85% | 79% | 78% | 84% | 81% | 84% | 81% | 81% |
| Engine 1 | 73% | 72% | 80% | 80% | 81% | 82% | 82% | 79% | 74% | 73% | 81% | 78% | 79% | 76% | 77% |
| Engine 2 | 71% | 70% | 78% | 85% | 81% | 82% | 74% | 71% | 71% | 71% | 79% | 76% | 79% | 77% | 76% |
| Engine 3 | 94% | 93% | 88% | 86% | 80% | 82% | 88% | 94% | 74% | 72% | 81% | 80% | 83% | 76% | 75% |
| Engine 4 | 92% | 92% | 82% | 86% | 82% | 83% | 89% | 94% | 95% | 95% | 95% | 90% | 95% | 92% | 92% |
| **Cumulative by engine** | | | | | | | | | | | | | | | |
| Engine operating run hours in the month | | | | | | | | | | | | | | | |
| Max Cumulative Available, hours | 24 | 48 | 72 | 96 | 120 | 144 | 168 | 192 | 216 | 240 | 264 | 288 | 312 | 336 | 360 |
| Engine 1 | 24 | 48 | 63 | 87 | 111 | 135 | 159 | 183 | 207 | 231 | 255 | 279 | 303 | 327 | 351 |
| Engine 2 | 24 | 48 | 63 | 87 | 111 | 135 | 159 | 183 | 207 | 231 | 255 | 279 | 303 | 327 | 351 |
| Engine 3 | 24 | 48 | 61 | 85 | 109 | 133 | 157 | 181 | 205 | 229 | 253 | 277 | 301 | 325 | 349 |
| Engine 4 | 24 | 48 | 63 | 87 | 111 | 135 | 159 | 183 | 207 | 231 | 255 | 279 | 303 | 327 | 351 |
| Engine operating run hours total from 0 hours | | | | | | | | | | | | | | | |
| Engine 1 | 35,371 | 35,395 | 35,410 | 35,434 | 35,458 | 35,482 | 35,506 | 35,530 | 35,554 | 35,578 | 35,602 | 35,626 | 35,650 | 35,674 | 35,698 |
| Engine 2 | 35,251 | 35,275 | 35,290 | 35,314 | 35,338 | 35,362 | 35,386 | 35,410 | 35,434 | 35,458 | 35,482 | 35,506 | 35,530 | 35,554 | 35,578 |
| Engine 3 | 34,842 | 34,866 | 34,879 | 34,903 | 34,927 | 34,951 | 34,975 | 34,999 | 35,023 | 35,047 | 35,071 | 35,095 | 35,119 | 35,143 | 35,167 |
| Engine 4 | 34,062 | 34,086 | 34,101 | 34,125 | 34,149 | 34,173 | 34,197 | 34,221 | 34,245 | 34,269 | 34,293 | 34,317 | 34,341 | 34,365 | 34,389 |
| Cumulative availability, % | | | | | | | | | | | | | | | |
| Engine 1 | 100% | 100% | 88% | 91% | 93% | 94% | 95% | 95% | 96% | 96% | 97% | 97% | 97% | 97% | 98% |
| Engine 2 | 100% | 100% | 88% | 91% | 93% | 94% | 95% | 95% | 96% | 96% | 97% | 97% | 97% | 97% | 98% |
| Engine 3 | 100% | 100% | 85% | 89% | 91% | 92% | 93% | 94% | 95% | 95% | 96% | 96% | 96% | 97% | 97% |
| Engine 4 | 100% | 100% | 88% | 91% | 93% | 94% | 95% | 95% | 96% | 96% | 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 |
| Engine 1 | 598 | 1,195 | 1,851 | 2,514 | 3,183 | 3,863 | 4,542 | 5,197 | 5,806 | 6,406 | 7,074 | 7,714 | 8,363 | 8,987 | 9,624 |
| Engine 2 | 582 | 1,161 | 1,803 | 2,505 | 3,177 | 3,855 | 4,467 | 5,049 | 5,637 | 6,220 | 6,870 | 7,496 | 8,144 | 8,776 | 9,400 |
| Engine 3 | 775 | 1,546 | 2,269 | 2,979 | 3,640 | 4,314 | 5,040 | 5,815 | 6,423 | 7,016 | 7,682 | 8,338 | 9,022 | 9,652 | 10,270 |
| Engine 4 | 759 | 1,515 | 2,191 | 2,904 | 3,580 | 4,268 | 5,003 | 5,781 | 6,567 | 7,347 | 8,130 | 8,869 | 9,654 | 10,410 | 11,167 |
| Cumulative capacity factor, % | | | | | | | | | | | | | | | |
| Engine 1 | 73% | 72% | 75% | 76% | 77% | 78% | 79% | 79% | 78% | 78% | 78% | 78% | 78% | 78% | 78% |
| Engine 2 | 71% | 70% | 73% | 76% | 77% | 78% | 77% | 77% | 76% | 75% | 76% | 76% | 76% | 76% | 76% |
| Engine 3 | 94% | 94% | 92% | 90% | 88% | 87% | 87% | 88% | 87% | 85% | 85% | 84% | 84% | 84% | 83% |
| Engine 4 | 92% | 92% | 89% | 88% | 87% | 86% | 87% | 88% | 88% | 89% | 90% | 90% | 90% | 90% | 90% |

| | Friday | Saturday | Sunday | Monday | Tuesday | Wednesday | Thursday | Friday | Saturday | Sunday | Monday | Tuesday | Wednesday | Thursday | Friday |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1/1/2010 | 1/2/2010 | 1/3/2010 | 1/4/2010 | 1/5/2010 | 1/6/2010 | 1/7/2010 | 1/8/2010 | 1/9/2010 | 1/10/2010 | 1/11/2010 | 1/12/2010 | 1/13/2010 | 1/14/2010 | 1/15/2010 |
| **Cumulative by Facility in month** | | | | | | | | | | | | | | | |
| Max cumulative available engine run hours | 96 | 192 | 288 | 384 | 480 | 576 | 672 | 768 | 864 | 960 | 1,056 | 1,152 | 1,248 | 1,344 | 1,440 |
| Actual cumulative engine run hours | 96 | 192 | 250 | 346 | 442 | 538 | 634 | 730 | 826 | 922 | 1,018 | 1,114 | 1,210 | 1,306 | 1,402 |
| Cumulative Availability, % | 100.0% | 100.0% | 86.8% | 90.1% | 92.1% | 93.4% | 94.3% | 95.1% | 95.6% | 96.0% | 96.4% | 96.7% | 97.0% | 97.2% | 97.4% |
| | | | | | | | | | | | | | | | |
| Max cumulative gross output, kWhr | 79,200 | 158,400 | 237,600 | 316,800 | 396,000 | 475,200 | 554,400 | 633,600 | 712,800 | 792,000 | 871,200 | 950,400 | 1,029,600 | 1,108,800 | 1,188,000 |
| Actual cumulative gross output, kWhr | 65,469 | 130,720 | 170,041 | 237,386 | 302,170 | 367,981 | 434,470 | 501,841 | 564,488 | 626,291 | 693,147 | 757,426 | 824,327 | 888,164 | 951,933 |
| Cumulative Capacity Factor | 82.7% | 82.5% | 71.6% | 74.9% | 76.3% | 77.4% | 78.4% | 79.2% | 79.2% | 79.1% | 79.6% | 79.7% | 80.1% | 80.1% | 80.1% |
| | | | | | | | | | | | | | | | |
| Cumulative fuel input, MMBtu HHV | 869 | 1,731 | 2,285 | 3,174 | 4,038 | 4,917 | 5,795 | 6,686 | 7,565 | 8,403 | 9,275 | 10,150 | 11,047 | 11,899 | 12,770 |
| Cumulative gross output, kWhr | 65,469 | 130,720 | 170,041 | 237,386 | 302,170 | 367,981 | 434,470 | 501,841 | 564,488 | 626,291 | 693,147 | 757,426 | 824,327 | 888,164 | 951,933 |
| | | | | | | | | | | | | | | | |
| **Heat Rate** | | | | | | | | | | | | | | | |
| Daily heat rate, Btu/kWe gross LHV | 11,949 | 11,892 | 12,683 | 11,883 | 12,006 | 12,023 | 11,887 | 11,905 | 12,631 | 12,206 | 11,741 | 12,254 | 12,070 | 12,014 | 12,296 |
| Daily heat rate, Btu/kWe gross HHV | 13,273 | 13,211 | 14,089 | 13,201 | 13,337 | 13,356 | 13,205 | 13,225 | 14,031 | 13,559 | 13,043 | 13,613 | 13,408 | 13,346 | 13,659 |
| | | | | | | | | | | | | | | | |
| Cumulative heat rate, Btu/kWe gross LHV | 11,949 | 11,920 | 12,097 | 12,036 | 12,030 | 12,029 | 12,007 | 11,993 | 12,064 | 12,078 | 12,046 | 12,063 | 12,064 | 12,060 | 12,076 |
| Cumulative heat rate, Btu/kWe gross HHV | 13,273 | 13,242 | 13,438 | 13,371 | 13,363 | 13,362 | 13,338 | 13,323 | 13,402 | 13,417 | 13,381 | 13,401 | 13,401 | 13,397 | 13,415 |
| | | | | | | | | | | | | | | | |
| **Cumulative by Facility starting Calendar Year** | | | | | | | | | | | | | | | |
| Max cumulative available engine run hours | 96 | 192 | 288 | 384 | 480 | 576 | 672 | 768 | 864 | 960 | 1,056 | 1,152 | 1,248 | 1,344 | 1,440 |
| Actual cumulative engine run hours | 96 | 192 | 250 | 346 | 442 | 538 | 634 | 730 | 826 | 922 | 1,018 | 1,114 | 1,210 | 1,306 | 1,402 |
| Cumulative Availability, % | 100.0% | 100.0% | 86.8% | 90.1% | 92.1% | 93.4% | 94.3% | 95.1% | 95.6% | 96.0% | 96.4% | 96.7% | 97.0% | 97.2% | 97.4% |
| | | | | | | | | | | | | | | | |
| Max cumulative gross output, kWhr | 79,200 | 158,400 | 237,600 | 316,800 | 396,000 | 475,200 | 554,400 | 633,600 | 712,800 | 792,000 | 871,200 | 950,400 | 1,029,600 | 1,108,800 | 1,188,000 |
| Actual cumulative gross output, kWhr | 65,469 | 130,720 | 170,041 | 237,386 | 302,170 | 367,981 | 434,470 | 501,841 | 564,488 | 626,291 | 693,147 | 757,426 | 824,327 | 888,164 | 951,933 |
| Cumulative Capacity Factor | 82.7% | 82.5% | 71.6% | 74.9% | 76.3% | 77.4% | 78.4% | 79.2% | 79.2% | 79.1% | 79.6% | 79.7% | 80.1% | 80.1% | 80.1% |
| | | | | | | | | | | | | | | | |
| Cumulative fuel input, MMBtu HHV | 869 | 1,731 | 2,285 | 3,174 | 4,038 | 4,917 | 5,795 | 6,686 | 7,565 | 8,403 | 9,275 | 10,150 | 11,047 | 11,899 | 12,770 |
| Cumulative gross output, kWhr | 65,469 | 130,720 | 170,041 | 237,386 | 302,170 | 367,981 | 434,470 | 501,841 | 564,488 | 626,291 | 693,147 | 757,426 | 824,327 | 888,164 | 951,933 |
| Cumulative heat rate, Btu/kWe gross LHV | 11,949 | 11,920 | 12,097 | 12,036 | 12,030 | 12,029 | 12,007 | 11,993 | 12,064 | 12,078 | 12,046 | 12,063 | 12,064 | 12,060 | 12,076 |
| Cumulative heat rate, Btu/kWe gross HHV | 13,273 | 13,242 | 13,438 | 13,371 | 13,363 | 13,362 | 13,338 | 13,323 | 13,402 | 13,417 | 13,381 | 13,401 | 13,401 | 13,397 | 13,415 |
| **Service** | | | | | | | | | | | | | | | |
| Engine 1 | | | | | | | | | | | | | | | |
| Engine 2 | | | NStar outage | | | Operations | | | | | | | | | |
| Engine 3 | | | communication loss | | | meeting | | | Fuel system problem | | | | | | |
| Engine 4 | | | due to snow storm | | | | | | E3 low cyl, exh temps | | | | | | |
| Oil - oil and filter change | | | | | | | District checked leachate lines - clear. | | | | District fabricating | 4th well connected | | | District initiates |
| Service - plugs, air filter, valve inspection and adjustment | | | | | Wells adjusted. | Wells adjusted. | Wells adjusted. | | | | piping. | | | | pumping |
| | | | | | | | | | | | | | | | |
| NSTAR Power Reports | Friday | Saturday | Sunday | Monday | Tuesday | Wednesday | Thursday | Friday | Saturday | Sunday | Monday | Tuesday | Wednesday | Thursday | Friday |
| Date | 1/1/2010 | 1/2/2010 | 1/3/2010 | 1/4/2010 | 1/5/2010 | 1/6/2010 | 1/7/2010 | 1/8/2010 | 1/9/2010 | 1/10/2010 | 1/11/2010 | 1/12/2010 | 1/13/2010 | 1/14/2010 | 1/15/2010 |
| Hour | | | | | | | | | | | | | | | |
| 1 | 2,712 | 2,709 | 555 | 3,061 | 2,690 | 2,690 | 2,691 | 2,800 | 2,768 | 2,544 | 2,546 | 2,813 | 2,758 | 2,718 | 2,557 |
| 2 | 2,711 | 2,710 | - | 3,059 | 2,692 | 2,691 | 2,692 | 2,801 | 2,753 | 2,543 | 2,545 | 2,814 | 2,756 | 2,718 | 2,557 |
| 3 | 2,709 | 2,709 | - | 2,903 | 2,692 | 2,692 | 2,690 | 2,801 | 2,607 | 2,542 | 2,546 | 2,814 | 2,754 | 2,716 | 2,558 |
| 4 | 2,709 | 2,708 | - | 2,879 | 2,691 | 2,689 | 2,690 | 2,802 | 2,599 | 2,542 | 2,548 | 2,811 | 2,757 | 2,716 | 2,559 |
| 5 | 2,710 | 2,708 | - | 2,877 | 2,690 | 2,689 | 2,689 | 2,802 | 2,585 | 2,543 | 2,548 | 2,810 | 2,758 | 2,717 | 2,560 |
| 6 | 2,711 | 2,708 | - | 2,878 | 2,690 | 2,689 | 2,689 | 2,804 | 2,557 | 2,544 | 2,548 | 2,810 | 2,758 | 2,696 | 2,560 |
| 7 | 2,711 | 2,709 | - | 2,877 | 2,691 | 2,691 | 2,691 | 2,804 | 2,503 | 2,544 | 2,546 | 2,811 | 2,738 | 2,674 | 2,559 |
| 8 | 2,713 | 2,709 | - | 2,879 | 2,694 | 2,692 | 2,693 | 2,803 | 2,484 | 2,544 | 2,546 | 2,813 | 2,692 | 2,673 | 2,559 |
| 9 | 2,711 | 2,711 | - | 2,737 | 2,692 | 2,691 | 2,693 | 2,798 | 2,476 | 2,543 | 2,613 | 2,801 | 2,690 | 2,664 | 2,562 |
| 10 | 2,711 | 2,712 | 48 | 2,750 | 2,687 | 2,686 | 2,688 | 2,725 | 2,481 | 2,544 | 2,895 | 2,710 | 2,689 | 2,597 | 2,650 |
| 11 | 2,711 | 2,712 | 574 | 2,778 | 2,685 | 2,689 | 2,685 | 2,730 | 2,475 | 2,545 | 2,980 | 2,711 | 2,689 | 2,575 | 1,800 |
| 12 | 2,713 | 2,710 | 932 | 2,674 | 2,687 | 2,687 | 2,690 | 2,735 | 2,495 | 2,547 | 2,947 | 1,741 | 2,747 | 2,554 | 2,693 |
| 13 | 2,709 | 2,710 | 2,803 | 2,659 | 2,690 | 2,690 | 2,692 | 2,733 | 2,515 | 2,543 | 2,866 | 779 | 2,750 | 2,550 | 2,689 |
| 14 | 2,708 | 2,710 | 3,068 | 2,680 | 2,687 | 2,647 | 2,747 | 2,744 | 2,548 | 2,543 | 2,859 | 2,374 | 2,754 | 2,554 | 2,693 |
| 15 | 2,712 | 2,710 | 3,070 | 2,694 | 2,687 | 2,601 | 2,800 | 2,764 | 2,528 | 2,544 | 2,863 | 2,938 | 2,747 | 2,552 | 2,692 |
| 16 | 2,708 | 2,710 | 3,065 | 2,687 | 2,692 | 2,679 | 2,803 | 2,768 | 2,509 | 2,545 | 2,815 | 2,766 | 2,717 | 2,555 | 2,692 |
| 17 | 2,706 | 2,710 | 3,065 | 2,688 | 2,690 | 2,691 | 2,801 | 2,768 | 2,515 | 2,546 | 2,812 | 2,761 | 2,718 | 2,558 | 2,694 |
| 18 | 2,707 | 2,708 | 3,067 | 2,687 | 2,688 | 2,689 | 2,801 | 2,768 | 2,540 | 2,544 | 2,811 | 2,758 | 2,713 | 2,555 | 2,691 |
| 19 | 2,709 | 2,707 | 3,066 | 2,689 | 2,688 | 2,688 | 2,800 | 2,771 | 2,541 | 2,544 | 2,814 | 2,759 | 2,718 | 2,555 | 2,690 |
| 20 | 2,709 | 2,707 | 3,065 | 2,688 | 2,688 | 2,689 | 2,801 | 2,769 | 2,541 | 2,544 | 2,816 | 2,757 | 2,719 | 2,556 | 2,690 |
| 21 | 2,709 | 2,707 | 3,063 | 2,691 | 2,692 | 2,691 | 2,801 | 2,768 | 2,540 | 2,544 | 2,816 | 2,759 | 2,716 | 2,557 | 2,690 |
| 22 | 2,707 | 2,709 | 3,063 | 2,689 | 2,692 | 2,690 | 2,801 | 2,767 | 2,540 | 2,546 | 2,813 | 2,759 | 2,717 | 2,559 | 2,692 |
| 23 | 2,707 | 2,710 | 3,061 | 2,689 | 2,689 | 2,691 | 2,801 | 2,767 | 2,541 | 2,546 | 2,812 | 2,759 | 2,717 | 2,559 | 2,690 |
| 24 | 2,707 | 2,710 | 3,063 | 2,689 | 2,687 | 2,691 | 2,800 | 2,767 | 2,543 | 2,547 | 2,811 | 2,759 | 2,718 | 2,560 | 2,690 |
| | | | | | | | | | | | | | | | |
| TOTAL | 65,030 | 65,023 | 38,628 | 66,582 | 64,551 | 64,413 | 65,729 | 66,559 | 61,184 | 61,061 | 65,716 | 63,387 | 65,490 | 62,688 | 62,467 |
| Cumulative Output Sold, kWhr | 65,030 | 130,053 | 168,681 | 235,263 | 299,814 | 364,227 | 429,956 | 496,515 | 557,699 | 618,760 | 684,476 | 747,863 | 813,353 | 876,041 | 938,508 |
| Transformer and line efficiency | 101.1% | 101.5% | 100.1% | 100.8% | 101.8% | 100.0% | 101.0% | 101.0% | 100.0% | 100.8% | 100.4% | 100.8% | 100.1% | 100.4% | 100.0% |
| Hourly average | 2,710 | 2,709 | 1,610 | 2,774 | 2,690 | 2,684 | 2,739 | 2,773 | 2,549 | 2,544 | 2,738 | 2,641 | 2,729 | 2,612 | 2,603 |

| **JANUARY 2010** | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CNBE Daily Reports Summary Data | | | | | | | | | | | | | | | | | | |
| | Saturday | Sunday | Monday | Tuesday | Wednesday | Thursday | Friday | Saturday | Sunday | Monday | Tuesday | Wednesday | Thursday | Friday | Saturday | Sunday | |
| | 1/16/2010 | 1/17/2010 | 1/18/2010 | 1/19/2010 | 1/20/2010 | 1/21/2010 | 1/22/2010 | 1/23/2010 | 1/24/2010 | 1/25/2010 | 1/26/2010 | 1/27/2010 | 1/28/2010 | 1/29/2010 | 1/30/2010 | 1/31/2010 | TOTAL |
| Landfill Gas Flow to the Engines (KSCF) | 1,735 | 1,737 | 1,695 | 1,652 | 1,663 | 1,628 | 1,631 | 1,707 | 1,628 | 1,666 | 1,521 | 1,661 | 1,687 | 1,692 | 1,759 | 1,669 | 51,607 |
| Landfill Gas Flow to the Engines (MMBTU HHV) | 887 | 889 | 904 | 875 | 882 | 858 | 869 | 868 | 839 | 860 | 804 | 856 | 876 | 879 | 877 | 843 | 26,636 |
| Landfill Gas Flow to the Flare (KSCF) | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Landfill Gas Flow to the Flare (MMBTU HHV) | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Landfill Gas Total Flow (KSCF) | 1,735 | 1,737 | 1,695 | 1,652 | 1,663 | 1,628 | 1,631 | 1,707 | 1,628 | 1,666 | 1,521 | 1,661 | 1,687 | 1,692 | 1,759 | 1,669 | 51,607 |
| Landfill Gas Total Flow (MMBTU HHV) | 887 | 889 | 904 | 875 | 882 | 858 | 869 | 868 | 839 | 860 | 804 | 856 | 876 | 879 | 877 | 843 | 26,636 |
| Average Methane Content (%) | 50.5 | 50.6 | 52.7 | 52.3 | 52.4 | 52.1 | 52.7 | 50.3 | 50.9 | 51.0 | 52.2 | 50.9 | 51.3 | 51.3 | 49.3 | 49.9 | 51.0 |
| Engine 1 Hours | 24 | 24 | 24 | 24 | 24 | 24 | 22 | 24 | 24 | 24 | 19 | 24 | 24 | 22 | 24 | 23 | 725 |
| Engine 2 Hours | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 19 | 24 | 24 | 22 | 24 | 24 | 728 |
| Engine 3 Hours | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 19 | 24 | 24 | 24 | 24 | 24 | 728 |
| Engine 4 Hours | 24 | 24 | 24 | 24 | 24 | 22 | 23 | 24 | 24 | 21 | 19 | 24 | 24 | 23 | 24 | 24 | 723 |
| Generator 1 Power Output (kWhr) | 15,771 | 15,785 | 16,071 | 14,809 | 15,663 | 15,616 | 14,864 | 14,545 | 14,968 | 16,000 | 13,209 | 14,020 | 14,614 | 15,073 | 17,375 | 16,235 | 469,700 |
| Generator 2 Power Output (kWhr) | 15,312 | 15,323 | 15,593 | 14,677 | 15,209 | 17,152 | 19,184 | 17,392 | 16,669 | 17,344 | 13,236 | 14,341 | 14,931 | 15,355 | 16,871 | 16,285 | 474,704 |
| Generator 3 Power Output (kWhr) | 15,602 | 15,632 | 15,714 | 15,101 | 15,572 | 17,550 | 19,556 | 19,548 | 18,455 | 19,202 | 13,281 | 15,392 | 16,161 | 13,931 | 9,373 | 9,055 | 487,647 |
| Generator 4 Power Output (kWhr) | 18,894 | 18,919 | 18,806 | 17,836 | 18,447 | 11,245 | 8,638 | 10,486 | 9,384 | 9,764 | 12,646 | 14,700 | 15,860 | 16,884 | 17,012 | 16,151 | 497,592 |
| Gross Power Output (kWhr) | 66,069 | 66,098 | 66,666 | 62,915 | 65,296 | 61,981 | 62,493 | 62,266 | 59,885 | 62,310 | 52,765 | 59,021 | 62,106 | 61,753 | 61,318 | 58,355 | 1,943,230 |
| Net Power Output (kWhr) | 64,729 | 64,735 | 65,331 | 61,616 | 63,945 | 60,717 | 61,246 | 60,909 | 58,581 | 60,953 | 51,715 | 57,744 | 60,851 | 60,481 | 59,858 | 56,990 | 1,902,774 |
| Power Sold as metered by NStar, (kWhr) | 64,528 | 64,518 | 65,385 | 61,914 | 65,353 | 61,293 | 61,065 | 61,043 | 59,410 | 60,902 | 52,928 | 58,147 | 61,007 | 60,593 | 60,419 | 59,552 | 1,916,565 |
| Offgrid RECs (kWhr) | 1,340 | 1,363 | 1,335 | 1,299 | 1,351 | 1,264 | 1,247 | 1,357 | 1,304 | 1,357 | 1,050 | 1,277 | 1,255 | 1,272 | 1,460 | 1,365 | 40,456 |
| **Calculated Performance Results** | | | | | | | | | | | | | | | | | |
| **Daily** | | | | | | | | | | | | | | | | | |
| Power output (kW average when running) | | | | | | | | | | | | | | | | | |
| Generator 1 | 657 | 658 | 670 | 617 | 653 | 651 | 676 | 606 | 624 | 667 | 695 | 584 | 609 | 685 | 724 | 706 | |
| Generator 2 | 638 | 638 | 650 | 612 | 634 | 715 | 799 | 725 | 695 | 723 | 697 | 598 | 622 | 698 | 703 | 679 | |
| Generator 3 | 650 | 651 | 655 | 629 | 649 | 731 | 815 | 815 | 769 | 800 | 699 | 641 | 673 | 580 | 391 | 377 | |
| Generator 4 | 787 | 788 | 784 | 743 | 769 | 511 | 376 | 437 | 391 | 465 | 666 | 613 | 661 | 734 | 709 | 673 | |
| Power output (kW average over 24-hrs) | | | | | | | | | | | | | | | | | |
| Facility Gross | 2,753 | 2,754 | 2,778 | 2,621 | 2,721 | 2,583 | 2,604 | 2,594 | 2,495 | 2,596 | 2,199 | 2,459 | 2,588 | 2,573 | 2,555 | 2,431 | |
| Facility Net | 2,697 | 2,697 | 2,722 | 2,567 | 2,664 | 2,530 | 2,552 | 2,538 | 2,441 | 2,540 | 2,155 | 2,406 | 2,535 | 2,520 | 2,494 | 2,375 | |
| In-plant load | 56 | 57 | 56 | 54 | 56 | 53 | 52 | 57 | 54 | 57 | 44 | 53 | 52 | 53 | 61 | 57 | |
| Daily availability factor | | | | | | | | | | | | | | | | | |
| Facility | 100% | 100% | 100% | 100% | 100% | 98% | 97% | 100% | 100% | 97% | 79% | 100% | 100% | 95% | 100% | 99% | |
| Engine 1 | 100% | 100% | 100% | 100% | 100% | 100% | 92% | 100% | 100% | 100% | 79% | 100% | 100% | 92% | 100% | 96% | |
| Engine 2 | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 79% | 100% | 100% | 92% | 100% | 100% | |
| Engine 3 | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 79% | 100% | 100% | 100% | 100% | 100% | |
| Engine 4 | 100% | 100% | 100% | 100% | 100% | 92% | 96% | 100% | 100% | 88% | 79% | 100% | 100% | 96% | 100% | 100% | |
| Daily capacity factor | | | | | | | | | | | | | | | | | |
| Facility | 83% | 83% | 84% | 79% | 82% | 78% | 79% | 79% | 76% | 79% | 67% | 75% | 78% | 78% | 77% | 74% | |
| Engine 1 | 80% | 80% | 81% | 75% | 79% | 79% | 82% | 73% | 76% | 81% | 84% | 71% | 74% | 83% | 88% | 86% | |
| Engine 2 | 77% | 77% | 79% | 74% | 77% | 87% | 97% | 88% | 84% | 88% | 84% | 72% | 75% | 85% | 85% | 82% | |
| Engine 3 | 79% | 79% | 79% | 76% | 79% | 89% | 99% | 99% | 93% | 97% | 85% | 78% | 82% | 70% | 47% | 46% | |
| Engine 4 | 95% | 96% | 95% | 90% | 93% | 62% | 46% | 53% | 47% | 56% | 81% | 74% | 80% | 89% | 86% | 82% | |
| **Cumulative by engine** | | | | | | | | | | | | | | | | | |
| Engine operating run hours in the month | | | | | | | | | | | | | | | | | |
| Max Cumulative Available, hours | 384 | 408 | 432 | 456 | 480 | 504 | 528 | 552 | 576 | 600 | 624 | 648 | 672 | 696 | 720 | 744 | |
| Engine 1 | 375 | 399 | 423 | 447 | 471 | 495 | 517 | 541 | 565 | 589 | 608 | 632 | 656 | 678 | 702 | 725 | |
| Engine 2 | 375 | 399 | 423 | 447 | 471 | 495 | 519 | 543 | 567 | 591 | 610 | 634 | 658 | 680 | 704 | 728 | |
| Engine 3 | 373 | 397 | 421 | 445 | 469 | 493 | 517 | 541 | 565 | 589 | 608 | 632 | 656 | 680 | 704 | 728 | |
| Engine 4 | 375 | 399 | 423 | 447 | 471 | 493 | 516 | 540 | 564 | 585 | 604 | 628 | 652 | 675 | 699 | 723 | |
| Engine operating run hours total from 0 hours | | | | | | | | | | | | | | | | | |
| Engine 1 | 35,722 | 35,746 | 35,770 | 35,794 | 35,818 | 35,842 | 35,864 | 35,888 | 35,912 | 35,936 | 35,955 | 35,979 | 36,003 | 36,025 | 36,049 | 36,072 | |
| Engine 2 | 35,602 | 35,626 | 35,650 | 35,674 | 35,698 | 35,722 | 35,746 | 35,770 | 35,794 | 35,818 | 35,837 | 35,861 | 35,885 | 35,907 | 35,931 | 35,955 | |
| Engine 3 | 35,191 | 35,215 | 35,239 | 35,263 | 35,287 | 35,311 | 35,335 | 35,359 | 35,383 | 35,407 | 35,426 | 35,450 | 35,474 | 35,498 | 35,522 | 35,546 | |
| Engine 4 | 34,413 | 34,437 | 34,461 | 34,485 | 34,509 | 34,531 | 34,554 | 34,578 | 34,602 | 34,623 | 34,642 | 34,666 | 34,690 | 34,713 | 34,737 | 34,761 | |
| Cumulative availability, % | | | | | | | | | | | | | | | | | |
| Engine 1 | 98% | 98% | 98% | 98% | 98% | 98% | 98% | 98% | 98% | 98% | 97% | 98% | 98% | 97% | 98% | 97% | |
| Engine 2 | 98% | 98% | 98% | 98% | 98% | 98% | 98% | 98% | 98% | 99% | 98% | 98% | 98% | 98% | 98% | 98% | |
| Engine 3 | 97% | 97% | 97% | 98% | 98% | 98% | 98% | 98% | 98% | 98% | 97% | 98% | 98% | 98% | 98% | 98% | |
| Engine 4 | 98% | 98% | 98% | 98% | 98% | 98% | 98% | 98% | 98% | 98% | 97% | 97% | 97% | 97% | 97% | 97% | |
| Engine cumulative gross output, kWhr | | | | | | | | | | | | | | | | | |
| Max cumulative capacity one engine | 13,200 | 14,025 | 14,850 | 15,675 | 16,500 | 17,325 | 18,150 | 18,975 | 19,800 | 20,625 | 21,450 | 22,275 | 23,100 | 23,925 | 24,750 | 24,750 | |
| Engine 1 | 10,282 | 10,939 | 11,609 | 12,226 | 12,879 | 13,529 | 14,205 | 14,811 | 15,435 | 16,101 | 16,796 | 17,381 | 17,990 | 18,675 | 19,399 | 19,381 | |
| Engine 2 | 10,038 | 10,677 | 11,326 | 11,938 | 12,572 | 13,286 | 14,086 | 14,810 | 15,505 | 16,228 | 16,924 | 17,522 | 18,144 | 18,842 | 19,545 | 19,520 | |
| Engine 3 | 10,920 | 11,572 | 12,226 | 12,856 | 13,504 | 14,236 | 15,051 | 15,865 | 16,634 | 17,434 | 18,133 | 18,774 | 19,448 | 20,028 | 20,419 | 20,406 | |
| Engine 4 | 11,954 | 12,742 | 13,526 | 14,269 | 15,038 | 15,549 | 15,925 | 16,361 | 16,752 | 17,217 | 17,883 | 18,495 | 19,156 | 19,890 | 20,599 | 20,563 | |
| Cumulative capacity factor, % | | | | | | | | | | | | | | | | | |
| Engine 1 | 78% | 78% | 78% | 78% | 78% | 78% | 78% | 78% | 78% | 78% | 78% | 78% | 78% | 78% | 78% | 78% | |
| Engine 2 | 76% | 76% | 76% | 76% | 76% | 77% | 78% | 78% | 78% | 79% | 79% | 79% | 79% | 79% | 79% | 79% | |
| Engine 3 | 83% | 83% | 82% | 82% | 82% | 82% | 83% | 84% | 84% | 85% | 85% | 84% | 84% | 84% | 83% | 82% | |
| Engine 4 | 91% | 91% | 91% | 91% | 91% | 90% | 88% | 86% | 85% | 83% | 83% | 83% | 83% | 83% | 83% | 83% | |

| | Saturday | Sunday | Monday | Tuesday | Wednesday | Thursday | Friday | Saturday | Sunday | Monday | Tuesday | Wednesday | Thursday | Friday | Saturday | Sunday | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1/16/2010 | 1/17/2010 | 1/18/2010 | 1/19/2010 | 1/20/2010 | 1/21/2010 | 1/22/2010 | 1/23/2010 | 1/24/2010 | 1/25/2010 | 1/26/2010 | 1/27/2010 | 1/28/2010 | 1/29/2010 | 1/30/2010 | 1/31/2010 | TOTAL |
| **Cumulative by Facility in month** | | | | | | | | | | | | | | | | | |
| Max cumulative available engine run hours | 1,536 | 1,632 | 1,728 | 1,824 | 1,920 | 2,016 | 2,112 | 2,208 | 2,304 | 2,400 | 2,496 | 2,592 | 2,688 | 2,784 | 2,880 | 2,880 | |
| Actual cumulative engine run hours | 1,498 | 1,594 | 1,690 | 1,786 | 1,882 | 1,976 | 2,069 | 2,165 | 2,261 | 2,354 | 2,430 | 2,526 | 2,622 | 2,713 | 2,809 | 2,808 | |
| Cumulative Availability, % | 97.5% | 97.7% | 97.8% | 97.9% | 98.0% | 98.0% | 98.0% | 98.1% | 98.1% | 98.1% | 97.4% | 97.5% | 97.5% | 97.4% | 97.5% | 97.5% | |
| | | | | | | | | | | | | | | | | | |
| Max cumulative gross output, kWhr | 1,267,200 | 1,346,400 | 1,425,600 | 1,504,800 | 1,584,000 | 1,663,200 | 1,742,400 | 1,821,600 | 1,900,800 | 1,980,000 | 2,059,200 | 2,138,400 | 2,217,600 | 2,296,800 | 2,376,000 | 2,376,000 | |
| Actual cumulative gross output, kWhr | 1,018,002 | 1,084,100 | 1,150,766 | 1,213,681 | 1,278,977 | 1,340,958 | 1,403,451 | 1,465,717 | 1,525,602 | 1,587,912 | 1,640,677 | 1,699,698 | 1,761,804 | 1,823,557 | 1,884,875 | 1,881,912 | |
| Cumulative Capacity Factor | 80.3% | 80.5% | 80.7% | 80.7% | 80.7% | 80.6% | 80.5% | 80.5% | 80.3% | 80.2% | 79.7% | 79.5% | 79.4% | 79.4% | 79.3% | 79.2% | |
| | | | | | | | | | | | | | | | | | |
| Cumulative fuel input, MMBtu HHV | 13,657 | 14,546 | 15,450 | 16,325 | 17,207 | 18,065 | 18,934 | 19,802 | 20,641 | 21,501 | 22,305 | 23,161 | 24,037 | 24,916 | 25,793 | 25,759 | |
| Cumulative gross output, kWhr | 1,018,002 | 1,084,100 | 1,150,766 | 1,213,681 | 1,278,977 | 1,340,958 | 1,403,451 | 1,465,717 | 1,525,602 | 1,587,912 | 1,640,677 | 1,699,698 | 1,761,804 | 1,823,557 | 1,884,875 | 1,881,912 | |
| | | | | | | | | | | | | | | | | | |
| **Heat Rate** | | | | | | | | | | | | | | | | | |
| Daily heat rate, Btu/kWe gross LHV | 12,085 | 12,107 | 12,207 | 12,520 | 12,160 | 12,461 | 12,518 | 12,549 | 12,612 | 12,426 | 13,717 | 13,056 | 12,697 | 12,814 | 12,875 | 13,004 | |
| Daily heat rate, Btu/kWe gross HHV | 13,425 | 13,450 | 13,560 | 13,908 | 13,508 | 13,843 | 13,906 | 13,940 | 14,010 | 13,803 | 15,237 | 14,503 | 14,105 | 14,234 | 14,302 | 14,446 | |
| | | | | | | | | | | | | | | | | | |
| Cumulative heat rate, Btu/kWe gross LHV | 12,077 | 12,078 | 12,086 | 12,108 | 12,111 | 12,127 | 12,145 | 12,162 | 12,179 | 12,189 | 12,238 | 12,267 | 12,282 | 12,300 | 12,319 | 12,322 | |
| Cumulative heat rate, Btu/kWe gross HHV | 13,415 | 13,418 | 13,426 | 13,451 | 13,454 | 13,472 | 13,491 | 13,510 | 13,530 | 13,540 | 13,595 | 13,627 | 13,643 | 13,663 | 13,684 | 13,688 | |
| | | | | | | | | | | | | | | | | | |
| **Cumulative by Facility starting Calendar Year** | | | | | | | | | | | | | | | | | |
| Max cumulative available engine run hours | 1,536 | 1,632 | 1,728 | 1,824 | 1,920 | 2,016 | 2,112 | 2,208 | 2,304 | 2,400 | 2,496 | 2,592 | 2,688 | 2,784 | 2,880 | 2,880 | |
| Actual cumulative engine run hours | 1,498 | 1,594 | 1,690 | 1,786 | 1,882 | 1,976 | 2,069 | 2,165 | 2,261 | 2,354 | 2,430 | 2,526 | 2,622 | 2,713 | 2,809 | 2,808 | |
| Cumulative Availability, % | 97.5% | 97.7% | 97.8% | 97.9% | 98.0% | 98.0% | 98.0% | 98.1% | 98.1% | 98.1% | 97.4% | 97.5% | 97.5% | 97.4% | 97.5% | 97.5% | |
| | | | | | | | | | | | | | | | | | |
| Max cumulative gross output, kWhr | 1,267,200 | 1,346,400 | 1,425,600 | 1,504,800 | 1,584,000 | 1,663,200 | 1,742,400 | 1,821,600 | 1,900,800 | 1,980,000 | 2,059,200 | 2,138,400 | 2,217,600 | 2,296,800 | 2,376,000 | 2,376,000 | |
| Actual cumulative gross output, kWhr | 1,018,002 | 1,084,100 | 1,150,766 | 1,213,681 | 1,278,977 | 1,340,958 | 1,403,451 | 1,465,717 | 1,525,602 | 1,587,912 | 1,640,677 | 1,699,698 | 1,761,804 | 1,823,557 | 1,884,875 | 1,881,912 | |
| Cumulative Capacity Factor | 80.3% | 80.5% | 80.7% | 80.7% | 80.7% | 80.6% | 80.5% | 80.5% | 80.3% | 80.2% | 79.7% | 79.5% | 79.4% | 79.4% | 79.3% | 79.2% | |
| | | | | | | | | | | | | | | | | | |
| Cumulative fuel input, MMBtu HHV | 13,657 | 14,546 | 15,450 | 16,325 | 17,207 | 18,065 | 18,934 | 19,802 | 20,641 | 21,501 | 22,305 | 23,161 | 24,037 | 24,916 | 25,793 | 25,759 | |
| Cumulative gross output, kWhr | 1,018,002 | 1,084,100 | 1,150,766 | 1,213,681 | 1,278,977 | 1,340,958 | 1,403,451 | 1,465,717 | 1,525,602 | 1,587,912 | 1,640,677 | 1,699,698 | 1,761,804 | 1,823,557 | 1,884,875 | 1,881,912 | |
| Cumulative heat rate, Btu/kWe gross LHV | 12,077 | 12,078 | 12,086 | 12,108 | 12,111 | 12,127 | 12,145 | 12,162 | 12,179 | 12,189 | 12,238 | 12,267 | 12,282 | 12,300 | 12,319 | 12,322 | |
| Cumulative heat rate, Btu/kWe gross HHV | 13,415 | 13,418 | 13,426 | 13,451 | 13,454 | 13,472 | 13,491 | 13,510 | 13,530 | 13,540 | 13,595 | 13,627 | 13,643 | 13,663 | 13,684 | 13,688 | |
| **Service** | | | | | | | | | | | | | | | | | |
| Engine 1 | | | | | | | Service | | | Bad wind storm | Bad wind storm | | | | | | |
| Engine 2 | | | | | | | | | | | | | | | | | |
| Engine 3 | | | | | | E4 EGS01 change | | | | | | | | Heat rate | | | |
| Engine 4 | | | | | | Fuel system | Harness connected | | | Replaced | Call out failed. | Wellfield work. | | testing | | | |
| Oil - oil and filter change | | | | District connect | | limits E4 to 400kW | to pressure | | | manifold P | Verizon fixed | | | | | | |
| Service - plugs, air filter, valve inspection and adjustn | | | | 5th new well. | | after service | sensors incorrectly. | | | sensors. | telephone lines. | | | | | | |
| | | | | | | | | | | | | | | | | | |
| NSTAR Power Reports | Saturday | Sunday | Monday | Tuesday | Wednesday | Thursday | Friday | Saturday | Sunday | Monday | Tuesday | Wednesday | Thursday | Friday | Saturday | Sunday | |
| Date | 1/16/2010 | 1/17/2010 | 1/18/2010 | 1/19/2010 | 1/20/2010 | 1/21/2010 | 1/22/2010 | 1/23/2010 | 1/24/2010 | 1/25/2010 | 1/26/2010 | 1/27/2010 | 1/28/2010 | 1/29/2010 | 1/30/2010 | 1/31/2010 | TOTAL |
| Hour | | | | | | | | | | | | | | | | | |
| 1 | 2,688 | 2,687 | 2,689 | 2,726 | 2,700 | 2,653 | 2,625 | 2,663 | 2,401 | 2,528 | 2,460 | 2,685 | 2,609 | 2,528 | 2,562 | 2,473 | |
| 2 | 2,687 | 2,688 | 2,692 | 2,728 | 2,700 | 2,655 | 2,626 | 2,664 | 2,402 | 2,533 | 2,456 | 2,667 | 2,609 | 2,529 | 2,538 | 2,476 | |
| 3 | 2,688 | 2,688 | 2,692 | 2,727 | 2,700 | 2,656 | 2,626 | 2,626 | 2,402 | 2,528 | 2,460 | 2,609 | 2,607 | 2,530 | 2,502 | 2,473 | |
| 4 | 2,688 | 2,687 | 2,692 | 2,727 | 2,699 | 2,654 | 2,626 | 2,613 | 2,400 | 2,532 | 1,698 | 2,540 | 2,580 | 2,530 | 2,504 | 2,473 | |
| 5 | 2,688 | 2,687 | 2,690 | 2,727 | 2,700 | 2,655 | 2,629 | 2,616 | 2,401 | 2,528 | - | 2,529 | 2,545 | 2,530 | 2,490 | 2,500 | |
| 6 | 2,688 | 2,686 | 2,690 | 2,726 | 2,700 | 2,654 | 2,626 | 2,616 | 2,400 | 2,531 | - | 2,529 | 2,546 | 2,528 | 2,485 | 2,523 | |
| 7 | 2,689 | 2,688 | 2,690 | 2,726 | 2,700 | 2,654 | 2,627 | 2,616 | 2,401 | 2,529 | - | 2,561 | 2,548 | 2,528 | 2,488 | 2,506 | |
| 8 | 2,691 | 2,689 | 2,692 | 2,727 | 2,700 | 2,655 | 2,628 | 2,617 | 2,403 | 2,533 | - | 2,566 | 2,549 | 2,528 | 2,494 | 2,497 | |
| 9 | 2,692 | 2,688 | 2,751 | 2,664 | 2,721 | 2,654 | 2,626 | 2,617 | 2,403 | 2,512 | 537 | 2,520 | 2,545 | 2,529 | 2,501 | 2,495 | |
| 10 | 2,690 | 2,689 | 2,802 | 2,659 | 2,790 | 2,162 | 2,255 | 2,614 | 2,403 | 2,185 | 2,422 | 2,451 | 2,523 | 2,288 | 2,508 | 2,496 | |
| 11 | 2,689 | 2,692 | 2,793 | 2,663 | 2,804 | 1,856 | 1,766 | 2,613 | 2,471 | 2,502 | 3,172 | 2,414 | 2,469 | 2,407 | 2,514 | 1,989 | |
| 12 | 2,692 | 2,688 | 2,766 | 2,658 | 2,805 | 2,244 | 1,760 | 2,615 | 2,535 | 2,671 | 3,213 | 1,563 | 2,470 | 2,403 | 2,520 | 2,457 | |
| 13 | 2,688 | 2,688 | 2,740 | 2,172 | 2,774 | 2,218 | 2,503 | 2,620 | 2,535 | 2,845 | 3,210 | 1,562 | 2,495 | 2,404 | 2,515 | 2,528 | |
| 14 | 2,692 | 2,689 | 2,730 | 1,212 | 2,720 | 2,643 | 2,575 | 2,614 | 2,534 | 2,873 | 3,211 | 1,818 | 2,568 | 2,425 | 2,531 | 2,527 | |
| 15 | 2,689 | 2,691 | 2,729 | 1,768 | 2,716 | 2,627 | 2,562 | 2,616 | 2,537 | 2,835 | 3,037 | 1,525 | 2,566 | 2,569 | 2,531 | 2,523 | |
| 16 | 2,693 | 2,688 | 2,731 | 2,689 | 2,722 | 2,629 | 2,674 | 2,515 | 2,533 | 2,568 | 2,844 | 2,643 | 2,543 | 2,759 | 2,518 | 2,541 | |
| 17 | 2,688 | 2,687 | 2,729 | 2,704 | 2,718 | 2,629 | 2,671 | 2,398 | 2,532 | 2,458 | 2,842 | 2,677 | 2,530 | 2,668 | 2,521 | 2,549 | |
| 18 | 2,687 | 2,687 | 2,729 | 2,703 | 2,716 | 2,628 | 2,669 | 2,397 | 2,530 | 2,458 | 2,835 | 2,634 | 2,530 | 2,625 | 2,519 | 2,511 | |
| 19 | 2,687 | 2,690 | 2,727 | 2,702 | 2,715 | 2,628 | 2,668 | 2,396 | 2,534 | 2,459 | 2,837 | 2,610 | 2,529 | 2,564 | 2,521 | 2,504 | |
| 20 | 2,687 | 2,689 | 2,726 | 2,701 | 2,715 | 2,628 | 2,666 | 2,398 | 2,531 | 2,460 | 2,807 | 2,611 | 2,533 | 2,548 | 2,528 | 2,509 | |
| 21 | 2,686 | 2,688 | 2,727 | 2,702 | 2,714 | 2,629 | 2,665 | 2,399 | 2,530 | 2,459 | 2,790 | 2,609 | 2,529 | 2,539 | 2,537 | 2,506 | |
| 22 | 2,687 | 2,687 | 2,726 | 2,702 | 2,714 | 2,628 | 2,664 | 2,398 | 2,529 | 2,460 | 2,725 | 2,608 | 2,528 | 2,530 | 2,542 | 2,502 | |
| 23 | 2,687 | 2,689 | 2,726 | 2,701 | 2,713 | 2,627 | 2,664 | 2,400 | 2,532 | 2,457 | 2,691 | 2,607 | 2,528 | 2,537 | 2,540 | 2,498 | |
| 24 | 2,687 | 2,688 | 2,726 | 2,700 | 2,697 | 2,627 | 2,664 | 2,402 | 2,531 | 2,458 | 2,681 | 2,609 | 2,528 | 2,567 | 2,510 | 2,496 | |
| | | | | | | | | | | | | | | | | | |
| TOTAL | 64,528 | 64,518 | 65,385 | 61,914 | 65,353 | 61,293 | 61,065 | 61,043 | 59,410 | 60,902 | 52,928 | 58,147 | 61,007 | 60,593 | 60,419 | 59,552 | |
| Cumulative Output Sold, kWhr | 1,003,036 | 1,067,554 | 1,132,939 | 1,194,853 | 1,260,206 | 1,321,499 | 1,382,564 | 1,443,607 | 1,503,017 | 1,563,919 | 1,616,847 | 1,674,994 | 1,736,001 | 1,796,594 | 1,857,013 | 1,916,565 | |
| Transformer and line efficiency | 99.7% | 99.7% | 100.1% | 100.5% | 102.2% | 100.9% | 99.7% | 100.2% | 101.4% | 99.9% | 102.3% | 100.7% | 100.3% | 100.2% | 100.9% | 104.5% | 0.0% |
| Hourly average | 2,689 | 2,688 | 2,724 | 2,580 | 2,723 | 2,554 | 2,544 | 2,543 | 2,475 | 2,538 | 2,205 | 2,423 | 2,542 | 2,525 | 2,517 | 2,481 | 2,576 |

| **FEBRUARY 2010** | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CNBE Daily Reports Summary Data | | | | | | | | | | | | | | |
| | Monday | Tuesday | Wednesday | Thursday | Friday | Saturday | Sunday | Monday | Tuesday | Wednesday | Thursday | Friday | Saturday | Sunday |
| | 2/1/2010 | 2/2/2010 | 2/3/2010 | 2/4/2010 | 2/5/2010 | 2/6/2010 | 2/7/2010 | 2/8/2010 | 2/9/2010 | 2/10/2010 | 2/11/2010 | 2/12/2010 | 2/13/2010 | 2/14/2010 |
| Landfill Gas Flow to the Engines (KSCF) | 1,739 | 1,713 | 1,753 | 1,708 | 1,717 | 1,687 | 1,741 | 1,731 | 1,694 | 1,539 | 1,433 | 1,715 | 1,713 | 1,695 |
| Landfill Gas Flow to the Engines (MMBTU HHV) | 881 | 871 | 883 | 867 | 882 | 887 | 899 | 878 | 862 | 808 | 781 | 895 | 899 | 882 |
| Landfill Gas Flow to the Flare (KSCF) | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Landfill Gas Flow to the Flare (MMBTU HHV) | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Landfill Gas Total Flow (KSCF) | 1,739 | 1,713 | 1,753 | 1,708 | 1,717 | 1,687 | 1,741 | 1,731 | 1,694 | 1,539 | 1,433 | 1,715 | 1,713 | 1,695 |
| Landfill Gas Total Flow (MMBTU HHV) | 881 | 871 | 883 | 867 | 882 | 887 | 899 | 878 | 862 | 808 | 781 | 895 | 899 | 882 |
| Average Methane Content (%) | 50.1 | 50.2 | 49.8 | 50.2 | 50.8 | 52.0 | 51.0 | 50.1 | 50.3 | 51.9 | 53.9 | 51.6 | 51.8 | 51.4 |
| Engine 1 Hours | 24 | 22 | 24 | 24 | 23 | 22 | 24 | 24 | 24 | 23 | 24 | 24 | 24 | 24 |
| Engine 2 Hours | 24 | 24 | 23 | 24 | 24 | 24 | 24 | 24 | 24 | 23 | 24 | 24 | 24 | 24 |
| Engine 3 Hours | 23 | 23 | 24 | 22 | 24 | 24 | 24 | 24 | 24 | 22 | 24 | 24 | 24 | 24 |
| Engine 4 Hours | 22 | 20 | 24 | 24 | 24 | 24 | 24 | 23 | 24 | 23 | 24 | 24 | 24 | 24 |
| Generator 1 Power Output (kWhr) | 17,747 | 14,319 | 14,295 | 15,144 | 14,481 | 14,190 | 14,340 | 17,355 | 19,005 | 14,830 | 12,049 | 19,880 | 19,953 | 19,759 |
| Generator 2 Power Output (kWhr) | 18,594 | 18,816 | 16,959 | 19,333 | 18,301 | 17,105 | 16,731 | 18,237 | 19,052 | 14,541 | 11,401 | 18,767 | 18,759 | 18,584 |
| Generator 3 Power Output (kWhr) | 15,192 | 18,545 | 17,663 | 15,584 | 17,988 | 18,538 | 18,825 | 18,618 | 19,477 | 15,223 | 11,346 | 18,005 | 18,420 | 17,967 |
| Generator 4 Power Output (kWhr) | 11,430 | 10,991 | 13,148 | 10,031 | 12,535 | 14,153 | 13,907 | 8,856 | 4,708 | 5,697 | 5,116 | 4,681 | 5,064 | 5,011 |
| Gross Power Output (kWhr) | 63,555 | 63,170 | 62,566 | 60,636 | 63,945 | 64,591 | 64,340 | 63,587 | 62,674 | 50,947 | 40,591 | 61,859 | 62,754 | 61,889 |
| Net Power Output (kWhr) | 62,109 | 61,728 | 61,057 | 59,236 | 62,505 | 63,158 | 62,794 | 62,125 | 61,252 | 49,694 | 39,366 | 60,383 | 61,419 | 60,514 |
| Power Sold as metered by NStar, (kWhr) | 60,764 | 61,928 | 61,617 | 59,088 | 62,379 | 63,379 | 63,553 | 62,674 | 62,263 | 49,629 | 40,173 | 60,299 | 61,377 | 61,055 |
| Offgrid RECs (kWhr) | 1,446 | 1,442 | 1,509 | 1,400 | 1,440 | 1,433 | 1,546 | 1,462 | 1,422 | 1,253 | 1,225 | 1,476 | 1,335 | 1,375 |
| **Calculated Performance Results** | | | | | | | | | | | | | | |
| **Daily** | | | | | | | | | | | | | | |
| Power output (kW average when running) | | | | | | | | | | | | | | |
| Generator 1 | 739 | 651 | 596 | 631 | 630 | 645 | 598 | 723 | 792 | 645 | 502 | 828 | 831 | 823 |
| Generator 2 | 775 | 784 | 737 | 806 | 763 | 713 | 697 | 760 | 794 | 632 | 475 | 782 | 782 | 774 |
| Generator 3 | 661 | 806 | 736 | 708 | 750 | 772 | 784 | 776 | 812 | 692 | 473 | 750 | 768 | 749 |
| Generator 4 | 520 | 550 | 548 | 418 | 522 | 590 | 579 | 385 | 196 | 248 | 213 | 195 | 211 | 209 |
| Power output (kW average over 24-hrs) | | | | | | | | | | | | | | |
| Facility Gross | 2,648 | 2,632 | 2,607 | 2,527 | 2,664 | 2,691 | 2,681 | 2,649 | 2,611 | 2,123 | 1,691 | 2,577 | 2,615 | 2,579 |
| Facility Net | 2,588 | 2,572 | 2,544 | 2,468 | 2,604 | 2,632 | 2,616 | 2,589 | 2,552 | 2,071 | 1,640 | 2,516 | 2,559 | 2,521 |
| In-plant load | 60 | 60 | 63 | 58 | 60 | 60 | 64 | 61 | 59 | 52 | 51 | 62 | 56 | 57 |
| Daily availability factor | | | | | | | | | | | | | | |
| Facility | 97% | 93% | 99% | 98% | 99% | 98% | 100% | 99% | 100% | 95% | 100% | 100% | 100% | 100% |
| Engine 1 | 100% | 92% | 100% | 100% | 96% | 92% | 100% | 100% | 100% | 96% | 100% | 100% | 100% | 100% |
| Engine 2 | 100% | 100% | 96% | 100% | 100% | 100% | 100% | 100% | 100% | 96% | 100% | 100% | 100% | 100% |
| Engine 3 | 96% | 96% | 100% | 92% | 100% | 100% | 100% | 100% | 100% | 92% | 100% | 100% | 100% | 100% |
| Engine 4 | 92% | 83% | 100% | 100% | 100% | 100% | 100% | 96% | 100% | 96% | 100% | 100% | 100% | 100% |
| Daily capacity factor | | | | | | | | | | | | | | |
| Facility | 80% | 80% | 79% | 77% | 81% | 82% | 81% | 80% | 79% | 64% | 51% | 78% | 79% | 78% |
| Engine 1 | 90% | 79% | 72% | 76% | 76% | 78% | 72% | 88% | 96% | 78% | 61% | 100% | 101% | 100% |
| Engine 2 | 94% | 95% | 89% | 98% | 92% | 86% | 85% | 92% | 96% | 77% | 58% | 95% | 95% | 94% |
| Engine 3 | 80% | 98% | 89% | 86% | 91% | 94% | 95% | 94% | 98% | 84% | 57% | 91% | 93% | 91% |
| Engine 4 | 63% | 67% | 66% | 51% | 63% | 71% | 70% | 47% | 24% | 30% | 26% | 24% | 26% | 25% |
| **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 |
| Engine 1 | 24 | 46 | 70 | 94 | 117 | 139 | 163 | 187 | 211 | 234 | 258 | 282 | 306 | 330 |
| Engine 2 | 24 | 48 | 71 | 95 | 119 | 143 | 167 | 191 | 215 | 238 | 262 | 286 | 310 | 334 |
| Engine 3 | 23 | 46 | 70 | 92 | 116 | 140 | 164 | 188 | 212 | 234 | 258 | 282 | 306 | 330 |
| Engine 4 | 22 | 42 | 66 | 90 | 114 | 138 | 162 | 185 | 209 | 232 | 256 | 280 | 304 | 328 |
| Engine operating run hours total from 0 hours | | | | | | | | | | | | | | |
| Engine 1 | 36,096 | 36,118 | 36,142 | 36,166 | 36,189 | 36,211 | 36,235 | 36,259 | 36,283 | 36,306 | 36,330 | 36,354 | 36,378 | 36,402 |
| Engine 2 | 35,979 | 36,003 | 36,026 | 36,050 | 36,074 | 36,098 | 36,122 | 36,146 | 36,170 | 36,193 | 36,217 | 36,241 | 36,265 | 36,289 |
| Engine 3 | 35,569 | 35,592 | 35,616 | 35,638 | 35,662 | 35,686 | 35,710 | 35,734 | 35,758 | 35,780 | 35,804 | 35,828 | 35,852 | 35,876 |
| Engine 4 | 34,783 | 34,803 | 34,827 | 34,851 | 34,875 | 34,899 | 34,923 | 34,946 | 34,970 | 34,993 | 35,017 | 35,041 | 35,065 | 35,089 |
| Cumulative availability, % | | | | | | | | | | | | | | |
| Engine 1 | 100% | 96% | 97% | 98% | 98% | 97% | 97% | 97% | 98% | 98% | 98% | 98% | 98% | 98% |
| Engine 2 | 100% | 100% | 99% | 99% | 99% | 99% | 99% | 99% | 100% | 99% | 99% | 99% | 99% | 99% |
| Engine 3 | 96% | 96% | 97% | 96% | 97% | 97% | 98% | 98% | 98% | 98% | 98% | 98% | 98% | 98% |
| Engine 4 | 92% | 88% | 92% | 94% | 95% | 96% | 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 |
| Engine 1 | 739 | 1,390 | 1,986 | 2,617 | 3,247 | 3,892 | 4,489 | 5,212 | 6,004 | 6,649 | 7,151 | 7,979 | 8,811 | 9,634 |
| Engine 2 | 775 | 1,559 | 2,296 | 3,102 | 3,864 | 4,577 | 5,274 | 6,034 | 6,828 | 7,460 | 7,935 | 8,717 | 9,499 | 10,273 |
| Engine 3 | 661 | 1,467 | 2,203 | 2,911 | 3,661 | 4,433 | 5,217 | 5,993 | 6,805 | 7,497 | 7,969 | 8,720 | 9,487 | 10,236 |
| Engine 4 | 520 | 1,069 | 1,617 | 2,035 | 2,557 | 3,147 | 3,726 | 4,111 | 4,308 | 4,555 | 4,768 | 4,963 | 5,174 | 5,383 |
| Cumulative capacity factor, % | | | | | | | | | | | | | | |
| Engine 1 | 90% | 84% | 80% | 79% | 79% | 79% | 78% | 79% | 81% | 81% | 79% | 81% | 82% | 83% |
| Engine 2 | 94% | 94% | 93% | 94% | 94% | 92% | 91% | 91% | 92% | 90% | 87% | 88% | 89% | 89% |
| Engine 3 | 80% | 89% | 89% | 88% | 89% | 90% | 90% | 91% | 92% | 91% | 88% | 88% | 88% | 89% |
| Engine 4 | 63% | 65% | 65% | 62% | 62% | 64% | 65% | 62% | 58% | 55% | 53% | 50% | 48% | 47% |

| | Monday | Tuesday | Wednesday | Thursday | Friday | Saturday | Sunday | Monday | Tuesday | Wednesday | Thursday | Friday | Saturday | Sunday |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 2/1/2010 | 2/2/2010 | 2/3/2010 | 2/4/2010 | 2/5/2010 | 2/6/2010 | 2/7/2010 | 2/8/2010 | 2/9/2010 | 2/10/2010 | 2/11/2010 | 2/12/2010 | 2/13/2010 | 2/14/2010 |
| **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 |
| Actual cumulative engine run hours | 93 | 182 | 277 | 371 | 466 | 560 | 656 | 751 | 847 | 938 | 1,034 | 1,130 | 1,226 | 1,322 |
| Cumulative Availability, % | 96.9% | 94.8% | 96.2% | 96.6% | 97.1% | 97.2% | 97.6% | 97.8% | 98.0% | 97.7% | 97.9% | 98.1% | 98.2% | 98.4% |
| 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 |
| Actual cumulative gross output, kWhr | 63,555 | 126,725 | 189,291 | 249,927 | 313,872 | 378,463 | 442,803 | 506,390 | 569,064 | 620,011 | 660,602 | 722,461 | 785,215 | 847,104 |
| Cumulative Capacity Factor | 80.2% | 80.0% | 79.7% | 78.9% | 79.3% | 79.6% | 79.9% | 79.9% | 79.8% | 78.3% | 75.8% | 76.0% | 76.3% | 76.4% |
| Cumulative fuel input, MMBtu HHV | 881 | 1,752 | 2,635 | 3,502 | 4,384 | 5,271 | 6,170 | 7,048 | 7,910 | 8,718 | 9,499 | 10,394 | 11,293 | 12,175 |
| Cumulative gross output, kWhr | 63,555 | 126,725 | 189,291 | 249,927 | 313,872 | 378,463 | 442,803 | 506,390 | 569,064 | 620,011 | 660,602 | 722,461 | 785,215 | 847,104 |
| **Heat Rate** | | | | | | | | | | | | | | |
| Daily heat rate, Btu/kWe gross LHV | 12,479 | 12,412 | 12,705 | 12,871 | 12,417 | 12,362 | 12,578 | 12,430 | 12,381 | 14,277 | 17,320 | 13,024 | 12,896 | 12,829 |
| Daily heat rate, Btu/kWe gross HHV | 13,862 | 13,788 | 14,113 | 14,298 | 13,793 | 13,733 | 13,973 | 13,808 | 13,754 | 15,860 | 19,241 | 14,468 | 14,326 | 14,251 |
| Cumulative heat rate, Btu/kWe gross LHV | 12,479 | 12,445 | 12,531 | 12,614 | 12,573 | 12,537 | 12,543 | 12,529 | 12,513 | 12,658 | 12,944 | 12,951 | 12,947 | 12,938 |
| Cumulative heat rate, Btu/kWe gross HHV | 13,862 | 13,825 | 13,920 | 14,012 | 13,967 | 13,927 | 13,934 | 13,918 | 13,900 | 14,061 | 14,379 | 14,387 | 14,382 | 14,372 |
| **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 |
| Actual cumulative engine run hours | 2,901 | 2,990 | 3,085 | 3,179 | 3,274 | 3,368 | 3,464 | 3,559 | 3,655 | 3,746 | 3,842 | 3,938 | 4,034 | 4,130 |
| Cumulative Availability, % | 97.5% | 97.3% | 97.4% | 97.4% | 97.4% | 97.5% | 97.5% | 97.6% | 97.6% | 97.6% | 97.6% | 97.7% | 97.7% | 97.8% |
| 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 |
| Actual cumulative gross output, kWhr | 1,945,467 | 2,008,637 | 2,071,203 | 2,131,839 | 2,195,784 | 2,260,375 | 2,324,715 | 2,388,302 | 2,450,976 | 2,501,923 | 2,542,514 | 2,604,373 | 2,667,127 | 2,729,016 |
| Cumulative Capacity Factor | 79.2% | 79.3% | 79.2% | 79.2% | 79.2% | 79.3% | 79.3% | 79.4% | 79.4% | 79.0% | 78.3% | 78.3% | 78.3% | 78.3% |
| Cumulative fuel input, MMBtu HHV | 26,640 | 27,511 | 28,394 | 29,261 | 30,143 | 31,030 | 31,929 | 32,807 | 33,669 | 34,477 | 35,258 | 36,153 | 37,052 | 37,934 |
| Cumulative gross output, kWhr | 1,945,467 | 2,008,637 | 2,071,203 | 2,131,839 | 2,195,784 | 2,260,375 | 2,324,715 | 2,388,302 | 2,450,976 | 2,501,923 | 2,542,514 | 2,604,373 | 2,667,127 | 2,729,016 |
| Cumulative heat rate, Btu/kWe gross LHV | 12,327 | 12,329 | 12,341 | 12,356 | 12,358 | 12,358 | 12,364 | 12,366 | 12,366 | 12,405 | 12,483 | 12,496 | 12,506 | 12,513 |
| Cumulative heat rate, Btu/kWe gross HHV | 13,693 | 13,696 | 13,709 | 13,726 | 13,728 | 13,728 | 13,735 | 13,737 | 13,737 | 13,780 | 13,867 | 13,882 | 13,892 | 13,900 |
| **Service** | | | | | | | | | | | | | | |
| Engine 1 | Operations meeting | | CI12 firing problem | | | CI12 fixed. | | Run E1,2,3 | | | | | | |
| Engine 2 | | | MAT sensor fixed | | | | | at full, and E4 partial | | NStar outage due to communication | | | | |
| Engine 3 | | | | | | | | | | loss - snow storm. | | | | |
| Engine 4 | Exh gas manifold le | Fixed 2 leaks. | EGS01 software | | Replaced EGS01 | | | Turndown setting | | Ran engines in idle mode. | | | | |
| Oil - oil and filter change | Fix for heat rate | | | | | | | | | | | | | |
| Service - plugs, air filter, valve inspection and adjustment | | | | | | | | | | | | | | |

| NSTAR Power Reports | Monday | Tuesday | Wednesday | Thursday | Friday | Saturday | Sunday | Monday | Tuesday | Wednesday | Thursday | Friday | Saturday | Sunday |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Date | 2/1/2010 | 2/2/2010 | 2/3/2010 | 2/4/2010 | 2/5/2010 | 2/6/2010 | 2/7/2010 | 2/8/2010 | 2/9/2010 | 2/10/2010 | 2/11/2010 | 2/12/2010 | 2/13/2010 | 2/14/2010 |
| Hour | | | | | | | | | | | | | | |
| 1 | 2,496 | 2,134 | 2,718 | 2,490 | 2,555 | 2,638 | 2,643 | 2,643 | 2,599 | 2,612 | - | 2,436 | 2,544 | 2,556 |
| 2 | 2,488 | 2,678 | 2,698 | 2,456 | 2,555 | 2,638 | 2,638 | 2,642 | 2,604 | 2,614 | - | 2,431 | 2,544 | 2,555 |
| 3 | 2,487 | 2,706 | 2,685 | 2,410 | 2,553 | 2,638 | 2,636 | 2,638 | 2,596 | 2,614 | - | 2,433 | 2,546 | 2,557 |
| 4 | 2,486 | 2,685 | 2,659 | 2,398 | 2,551 | 2,637 | 2,637 | 2,633 | 2,589 | 2,616 | - | 2,424 | 2,549 | 2,560 |
| 5 | 2,481 | 2,668 | 2,658 | 2,394 | 2,554 | 2,637 | 2,652 | 2,631 | 2,613 | 2,614 | - | 2,427 | 2,547 | 2,564 |
| 6 | 2,479 | 2,641 | 2,678 | 1,928 | 2,555 | 2,638 | 2,655 | 2,638 | 2,605 | 2,613 | - | 2,410 | 2,546 | 2,559 |
| 7 | 2,473 | 2,550 | 2,667 | 1,886 | 2,555 | 2,639 | 2,625 | 2,633 | 2,526 | 2,614 | - | 2,437 | 2,551 | 2,560 |
| 8 | 2,490 | 2,557 | 2,182 | 2,613 | 2,553 | 2,641 | 2,566 | 2,625 | 2,476 | 2,615 | - | 2,419 | 2,545 | 2,557 |
| 9 | 2,492 | 2,449 | 1,999 | 2,638 | 2,577 | 2,641 | 2,614 | 2,588 | 2,512 | 2,708 | 1,410 | 2,463 | 2,547 | 2,556 |
| 10 | 2,298 | 2,172 | 2,241 | 2,591 | 2,473 | 2,639 | 2,658 | 2,558 | 2,609 | 2,706 | 2,049 | 2,673 | 2,559 | 2,561 |
| 11 | 1,916 | 1,649 | 2,926 | 2,545 | 2,763 | 2,600 | 2,667 | 2,602 | 2,612 | 2,769 | 2,041 | 2,644 | 2,567 | 2,557 |
| 12 | 2,362 | 2,323 | 2,746 | 2,505 | 2,453 | 2,038 | 2,664 | 2,602 | 2,611 | 2,772 | 2,928 | 2,624 | 2,559 | 2,545 |
| 13 | 2,301 | 2,421 | 2,622 | 2,499 | 2,666 | 2,251 | 2,662 | 2,565 | 2,605 | 2,773 | 2,933 | 2,531 | 2,562 | 2,546 |
| 14 | 2,370 | 2,882 | 2,366 | 2,469 | 2,641 | 2,705 | 2,664 | 2,503 | 2,608 | 2,772 | 2,859 | 2,532 | 2,571 | 2,548 |
| 15 | 2,801 | 1,989 | 2,602 | 2,276 | 2,636 | 2,745 | 2,665 | 2,469 | 2,605 | 2,772 | 2,776 | 2,540 | 2,569 | 2,551 |
| 16 | 2,798 | 2,946 | 2,646 | 2,558 | 2,638 | 2,743 | 2,664 | 2,639 | 2,610 | 2,772 | 2,755 | 2,549 | 2,566 | 2,540 |
| 17 | 2,799 | 2,977 | 2,619 | 2,555 | 2,640 | 2,741 | 2,661 | 2,639 | 2,609 | 2,771 | 2,738 | 2,548 | 2,565 | 2,523 |
| 18 | 2,795 | 2,874 | 2,580 | 2,554 | 2,638 | 2,739 | 2,661 | 2,638 | 2,606 | 2,770 | 2,732 | 2,547 | 2,564 | 2,512 |
| 19 | 2,757 | 2,843 | 2,587 | 2,556 | 2,639 | 2,741 | 2,659 | 2,637 | 2,611 | 1,132 | 2,709 | 2,546 | 2,566 | 2,521 |
| 20 | 2,719 | 2,778 | 2,573 | 2,555 | 2,637 | 2,740 | 2,659 | 2,636 | 2,611 | - | 2,488 | 2,545 | 2,566 | 2,518 |
| 21 | 2,709 | 2,778 | 2,574 | 2,555 | 2,637 | 2,740 | 2,660 | 2,635 | 2,611 | - | 2,431 | 2,537 | 2,565 | 2,517 |
| 22 | 2,689 | 2,762 | 2,550 | 2,552 | 2,636 | 2,739 | 2,659 | 2,635 | 2,612 | - | 2,441 | 2,534 | 2,562 | 2,523 |
| 23 | 2,675 | 2,741 | 2,534 | 2,551 | 2,636 | 2,736 | 2,646 | 2,632 | 2,611 | - | 2,442 | 2,532 | 2,559 | 2,533 |
| 24 | 2,403 | 2,725 | 2,507 | 2,554 | 2,638 | 2,735 | 2,638 | 2,613 | 2,612 | - | 2,441 | 2,537 | 2,558 | 2,536 |
| TOTAL | 60,764 | 61,928 | 61,617 | 59,088 | 62,379 | 63,379 | 63,553 | 62,674 | 62,263 | 49,629 | 40,173 | 60,299 | 61,377 | 61,055 |
| Cumulative Output Sold, kWhr | 60,764 | 122,692 | 184,309 | 243,397 | 305,776 | 369,155 | 432,708 | 495,382 | 557,645 | 607,274 | 647,447 | 707,746 | 769,123 | 830,178 |
| Transformer and line efficiency | 97.8% | 100.3% | 100.9% | 99.8% | 99.8% | 100.3% | 101.2% | 100.9% | 101.7% | 99.9% | 102.0% | 99.9% | 99.9% | 100.9% |
| Hourly average | 2,532 | 2,580 | 2,567 | 2,462 | 2,599 | 2,641 | 2,648 | 2,611 | 2,594 | 2,068 | 1,674 | 2,512 | 2,557 | 2,544 |

| **FEBRUARY 2010** | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CNBE Daily Reports Summary Data | | | | | | | | | | | | | | | |
| | Monday | Tuesday | Wednesday | Thursday | Friday | Saturday | Sunday | Monday | Tuesday | Wednesday | Thursday | Friday | Saturday | Sunday | |
| | 2/15/2010 | 2/16/2010 | 2/17/2010 | 2/18/2010 | 2/19/2010 | 2/20/2010 | 2/21/2010 | 2/22/2010 | 2/23/2010 | 2/24/2010 | 2/25/2010 | 2/26/2010 | 2/27/2010 | 2/28/2010 | TOTAL |
| Landfill Gas Flow to the Engines (KSCF) | 1,717 | 1,711 | 1,670 | 1,655 | 1,640 | 1,466 | 1,691 | 1,552 | 1,592 | 1,351 | 1,356 | 1,517 | 1,627 | 1,672 | 45,796 |
| Landfill Gas Flow to the Engines (MMBTU HHV) | 873 | 883 | 873 | 863 | 859 | 645 | 887 | 821 | 855 | 761 | 770 | 860 | 890 | 882 | 23,897 |
| Landfill Gas Flow to the Flare (KSCF) | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Landfill Gas Flow to the Flare (MMBTU HHV) | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Landfill Gas Total Flow (KSCF) | 1,717 | 1,711 | 1,670 | 1,655 | 1,640 | 1,466 | 1,691 | 1,552 | 1,592 | 1,351 | 1,356 | 1,517 | 1,627 | 1,672 | 45,796 |
| Landfill Gas Total Flow (MMBTU HHV) | 873 | 883 | 873 | 863 | 859 | 645 | 887 | 821 | 855 | 761 | 770 | 860 | 890 | 882 | 23,897 |
| Average Methane Content (%) | 50.2 | 51.0 | 51.7 | 51.5 | 51.7 | 43.5 | 51.8 | 52.3 | 53.1 | 55.7 | 56.1 | 56.0 | 54.0 | 52.1 | 51.6 |
| Engine 1 Hours | 24 | 24 | 24 | 24 | 24 | 18 | 24 | 24 | 11 | - | 5 | 10 | 22 | 24 | 588 |
| Engine 2 Hours | 24 | 24 | 24 | 24 | 16 | 17 | 24 | 24 | 24 | 23 | 23 | 24 | 24 | 24 | 653 |
| Engine 3 Hours | 24 | 24 | 24 | 23 | 24 | 18 | 24 | 11 | 24 | 23 | 23 | 24 | 24 | 24 | 644 |
| Engine 4 Hours | 24 | 24 | 24 | 24 | 24 | 17 | 24 | 24 | 24 | 24 | 24 | 24 | 23 | 24 | 656 |
| Generator 1 Power Output (kWhr) | 19,851 | 19,941 | 19,578 | 19,228 | 18,204 | 12,317 | 18,188 | 17,141 | 7,738 | - | 14 | 2,925 | 15,115 | 18,635 | 416,222 |
| Generator 2 Power Output (kWhr) | 18,654 | 18,761 | 18,771 | 18,532 | 11,256 | 12,039 | 17,661 | 17,935 | 17,886 | 16,261 | 15,278 | 19,347 | 18,803 | 18,528 | 484,892 |
| Generator 3 Power Output (kWhr) | 17,362 | 18,028 | 15,514 | 17,480 | 17,659 | 12,466 | 17,437 | 7,535 | 17,697 | 16,696 | 15,490 | 19,695 | 19,042 | 17,198 | 470,690 |
| Generator 4 Power Output (kWhr) | 5,028 | 5,048 | 6,529 | 4,763 | 10,817 | 7,001 | 7,000 | 11,626 | 15,436 | 14,097 | 13,861 | 15,194 | 7,293 | 4,917 | 253,938 |
| Gross Power Output (kWhr) | 61,441 | 62,311 | 60,893 | 60,574 | 58,306 | 44,298 | 60,858 | 54,689 | 59,123 | 47,319 | 44,856 | 57,220 | 60,753 | 59,849 | 1,639,594 |
| Net Power Output (kWhr) | 60,025 | 60,898 | 59,543 | 59,208 | 56,993 | 43,290 | 59,528 | 53,584 | 57,951 | 46,387 | 43,811 | 56,025 | 59,400 | 58,615 | 1,602,598 |
| Power Sold as metered by NStar, (kWhr) | 60,331 | 60,902 | 59,649 | 59,858 | 57,924 | 42,872 | 61,274 | 54,442 | 58,915 | 47,434 | 44,090 | 56,319 | 59,536 | 58,647 | 1,612,371 |
| Offgrid RECs (kWhr) | 1,416 | 1,413 | 1,350 | 1,366 | 1,313 | 1,008 | 1,330 | 1,105 | 1,172 | 932 | 1,045 | 1,195 | 1,353 | 1,234 | 36,996 |
| **Calculated Performance Results** | | | | | | | | | | | | | | | |
| **Daily** | | | | | | | | | | | | | | | |
| Power output (kW average when running) | | | | | | | | | | | | | | | |
| Generator 1 | 827 | 831 | 816 | 801 | 759 | 684 | 758 | 714 | 703 | - | 3 | 293 | 687 | 776 | |
| Generator 2 | 777 | 782 | 782 | 772 | 704 | 708 | 736 | 747 | 745 | 707 | 664 | 806 | 783 | 772 | |
| Generator 3 | 723 | 751 | 646 | 760 | 736 | 693 | 727 | 685 | 737 | 726 | 673 | 821 | 793 | 717 | |
| Generator 4 | 210 | 210 | 272 | 198 | 451 | 412 | 292 | 484 | 643 | 587 | 578 | 633 | 317 | 205 | |
| Power output (kW average over 24-hrs) | | | | | | | | | | | | | | | |
| Facility Gross | 2,560 | 2,596 | 2,537 | 2,524 | 2,429 | 1,846 | 2,536 | 2,279 | 2,463 | 1,972 | 1,869 | 2,384 | 2,531 | 2,494 | |
| Facility Net | 2,501 | 2,537 | 2,481 | 2,467 | 2,375 | 1,804 | 2,480 | 2,233 | 2,415 | 1,933 | 1,825 | 2,334 | 2,475 | 2,442 | |
| In-plant load | 59 | 59 | 56 | 57 | 55 | 42 | 55 | 46 | 49 | 39 | 44 | 50 | 56 | 51 | |
| Daily availability factor | | | | | | | | | | | | | | | |
| Facility | 100% | 100% | 100% | 99% | 92% | 73% | 100% | 86% | 86% | 73% | 78% | 85% | 97% | 100% | |
| Engine 1 | 100% | 100% | 100% | 100% | 100% | 75% | 100% | 100% | 46% | 0% | 21% | 42% | 92% | 100% | |
| Engine 2 | 100% | 100% | 100% | 100% | 67% | 71% | 100% | 100% | 100% | 96% | 96% | 100% | 100% | 100% | |
| Engine 3 | 100% | 100% | 100% | 96% | 100% | 75% | 100% | 46% | 100% | 96% | 96% | 100% | 100% | 100% | |
| Engine 4 | 100% | 100% | 100% | 100% | 100% | 71% | 100% | 100% | 100% | 100% | 100% | 100% | 96% | 100% | |
| Daily capacity factor | | | | | | | | | | | | | | | |
| Facility | 78% | 79% | 77% | 76% | 74% | 56% | 77% | 69% | 75% | 60% | 57% | 72% | 77% | 76% | |
| Engine 1 | 100% | 101% | 99% | 97% | 92% | 83% | 92% | 87% | 85% | 0% | 0% | 35% | 83% | 94% | |
| Engine 2 | 94% | 95% | 95% | 94% | 85% | 86% | 89% | 91% | 90% | 86% | 81% | 98% | 95% | 94% | |
| Engine 3 | 88% | 91% | 78% | 92% | 89% | 84% | 88% | 83% | 89% | 88% | 82% | 99% | 96% | 87% | |
| Engine 4 | 25% | 25% | 33% | 24% | 55% | 50% | 35% | 59% | 78% | 71% | 70% | 77% | 38% | 25% | |
| **Cumulative by engine** | | | | | | | | | | | | | | | |
| Engine operating run hours in the month | | | | | | | | | | | | | | | |
| Max Cumulative Available, hours | 360 | 384 | 408 | 432 | 456 | 480 | 504 | 528 | 552 | 576 | 600 | 624 | 648 | 672 | |
| Engine 1 | 354 | 378 | 402 | 426 | 450 | 468 | 492 | 516 | 527 | 527 | 532 | 542 | 564 | 588 | |
| Engine 2 | 358 | 382 | 406 | 430 | 446 | 463 | 487 | 511 | 535 | 558 | 581 | 605 | 629 | 653 | |
| Engine 3 | 354 | 378 | 402 | 425 | 449 | 467 | 491 | 502 | 526 | 549 | 572 | 596 | 620 | 644 | |
| Engine 4 | 352 | 376 | 400 | 424 | 448 | 465 | 489 | 513 | 537 | 561 | 585 | 609 | 632 | 656 | |
| Engine operating run hours total from 0 hours | | | | | | | | | | | | | | | |
| Engine 1 | 36,426 | 36,450 | 36,474 | 36,498 | 36,522 | 36,540 | 36,564 | 36,588 | 36,599 | 36,599 | 36,604 | 36,614 | 36,636 | 36,660 | |
| Engine 2 | 36,313 | 36,337 | 36,361 | 36,385 | 36,401 | 36,418 | 36,442 | 36,466 | 36,490 | 36,513 | 36,536 | 36,560 | 36,584 | 36,608 | |
| Engine 3 | 35,900 | 35,924 | 35,948 | 35,971 | 35,995 | 36,013 | 36,037 | 36,048 | 36,072 | 36,095 | 36,118 | 36,142 | 36,166 | 36,190 | |
| Engine 4 | 35,113 | 35,137 | 35,161 | 35,185 | 35,209 | 35,226 | 35,250 | 35,274 | 35,298 | 35,322 | 35,346 | 35,370 | 35,393 | 35,417 | |
| Cumulative availability, % | | | | | | | | | | | | | | | |
| Engine 1 | 98% | 98% | 99% | 99% | 99% | 98% | 98% | 98% | 95% | 91% | 89% | 87% | 87% | 88% | |
| Engine 2 | 99% | 99% | 100% | 100% | 98% | 96% | 97% | 97% | 97% | 97% | 97% | 97% | 97% | 97% | |
| Engine 3 | 98% | 98% | 99% | 98% | 98% | 97% | 97% | 95% | 95% | 95% | 95% | 96% | 96% | 96% | |
| Engine 4 | 98% | 98% | 98% | 98% | 98% | 97% | 97% | 97% | 97% | 97% | 98% | 98% | 98% | 98% | |
| Engine cumulative gross output, kWhr | | | | | | | | | | | | | | | |
| Max cumulative capacity one engine | 12,375 | 13,200 | 14,025 | 14,850 | 15,675 | 16,500 | 17,325 | 18,150 | 18,975 | 19,800 | 20,625 | 21,450 | 22,275 | 23,100 | |
| Engine 1 | 10,461 | 11,292 | 12,108 | 12,909 | 13,667 | 14,352 | 15,109 | 15,824 | 16,527 | 16,527 | 16,530 | 16,822 | 17,509 | 18,286 | |
| Engine 2 | 11,050 | 11,832 | 12,614 | 13,386 | 14,090 | 14,798 | 15,534 | 16,281 | 17,026 | 17,733 | 18,398 | 19,204 | 19,987 | 20,759 | |
| Engine 3 | 10,959 | 11,710 | 12,357 | 13,117 | 13,853 | 14,545 | 15,272 | 15,957 | 16,694 | 17,420 | 18,093 | 18,914 | 19,707 | 20,424 | |
| Engine 4 | 5,593 | 5,803 | 6,075 | 6,274 | 6,724 | 7,136 | 7,428 | 7,912 | 8,555 | 9,143 | 9,720 | 10,353 | 10,670 | 10,875 | |
| Cumulative capacity factor, % | | | | | | | | | | | | | | | |
| Engine 1 | 85% | 86% | 86% | 87% | 87% | 87% | 87% | 87% | 87% | 83% | 80% | 78% | 79% | 79% | |
| Engine 2 | 89% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 89% | 90% | 90% | 90% | |
| Engine 3 | 89% | 89% | 88% | 88% | 88% | 88% | 88% | 88% | 88% | 88% | 88% | 88% | 88% | 88% | |
| Engine 4 | 45% | 44% | 43% | 42% | 43% | 43% | 43% | 44% | 45% | 46% | 47% | 48% | 48% | 47% | |

| | Monday | Tuesday | Wednesday | Thursday | Friday | Saturday | Sunday | Monday | Tuesday | Wednesday | Thursday | Friday | Saturday | Sunday | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 2/15/2010 | 2/16/2010 | 2/17/2010 | 2/18/2010 | 2/19/2010 | 2/20/2010 | 2/21/2010 | 2/22/2010 | 2/23/2010 | 2/24/2010 | 2/25/2010 | 2/26/2010 | 2/27/2010 | 2/28/2010 | TOTAL |
| **Cumulative by Facility in month** | | | | | | | | | | | | | | | |
| Max cumulative available engine run hours | 1,440 | 1,536 | 1,632 | 1,728 | 1,824 | 1,920 | 2,016 | 2,112 | 2,208 | 2,304 | 2,400 | 2,496 | 2,592 | 2,688 | |
| Actual cumulative engine run hours | 1,418 | 1,514 | 1,610 | 1,705 | 1,793 | 1,863 | 1,959 | 2,042 | 2,125 | 2,195 | 2,270 | 2,352 | 2,445 | 2,541 | |
| Cumulative Availability, % | 98.5% | 98.6% | 98.7% | 98.7% | 98.3% | 97.0% | 97.2% | 96.7% | 96.2% | 95.3% | 94.6% | 94.2% | 94.3% | 94.5% | |
| Max cumulative gross output, kWhr | 1,188,000 | 1,267,200 | 1,346,400 | 1,425,600 | 1,504,800 | 1,584,000 | 1,663,200 | 1,742,400 | 1,821,600 | 1,900,800 | 1,980,000 | 2,059,200 | 2,138,400 | 2,217,600 | |
| Actual cumulative gross output, kWhr | 908,545 | 970,856 | 1,031,749 | 1,092,323 | 1,150,629 | 1,194,927 | 1,255,785 | 1,310,474 | 1,369,597 | 1,416,916 | 1,461,772 | 1,518,992 | 1,579,745 | 1,639,594 | |
| Cumulative Capacity Factor | 76.5% | 76.6% | 76.6% | 76.6% | 76.5% | 75.4% | 75.5% | 75.2% | 75.2% | 74.5% | 73.8% | 73.8% | 73.9% | 73.9% | |
| Cumulative fuel input, MMBtu HHV | 13,048 | 13,931 | 14,804 | 15,667 | 16,526 | 17,171 | 18,058 | 18,879 | 19,734 | 20,495 | 21,265 | 22,125 | 23,015 | 23,897 | |
| Cumulative gross output, kWhr | 908,545 | 970,856 | 1,031,749 | 1,092,323 | 1,150,629 | 1,194,927 | 1,255,785 | 1,310,474 | 1,369,597 | 1,416,916 | 1,461,772 | 1,518,992 | 1,579,745 | 1,639,594 | |
| **Heat Rate** | | | | | | | | | | | | | | | |
| Daily heat rate, Btu/kWe gross LHV | 12,791 | 12,757 | 12,906 | 12,825 | 13,262 | 13,107 | 13,120 | 13,514 | 13,018 | 14,477 | 15,453 | 13,530 | 13,187 | 13,266 | |
| Daily heat rate, Btu/kWe gross HHV | 14,209 | 14,171 | 14,337 | 14,247 | 14,733 | 14,560 | 14,575 | 15,012 | 14,461 | 16,082 | 17,166 | 15,030 | 14,649 | 14,737 | |
| Cumulative heat rate, Btu/kWe gross LHV | 12,928 | 12,917 | 12,916 | 12,911 | 12,929 | 12,936 | 12,945 | 12,968 | 12,971 | 13,021 | 13,096 | 13,112 | 13,115 | 13,120 | |
| Cumulative heat rate, Btu/kWe gross HHV | 14,361 | 14,349 | 14,348 | 14,343 | 14,363 | 14,370 | 14,380 | 14,406 | 14,409 | 14,465 | 14,547 | 14,566 | 14,569 | 14,575 | |
| **Cumulative by Facility starting Calendar Year** | | | | | | | | | | | | | | | |
| Max cumulative available engine run hours | 4,320 | 4,416 | 4,512 | 4,608 | 4,704 | 4,800 | 4,896 | 4,992 | 5,088 | 5,184 | 5,280 | 5,376 | 5,472 | 5,568 | |
| Actual cumulative engine run hours | 4,226 | 4,322 | 4,418 | 4,513 | 4,601 | 4,671 | 4,767 | 4,850 | 4,933 | 5,003 | 5,078 | 5,160 | 5,253 | 5,349 | |
| Cumulative Availability, % | 97.8% | 97.9% | 97.9% | 97.9% | 97.8% | 97.3% | 97.4% | 97.2% | 97.0% | 96.5% | 96.2% | 96.0% | 96.0% | 96.1% | |
| Max cumulative gross output, kWhr | 3,564,000 | 3,643,200 | 3,722,400 | 3,801,600 | 3,880,800 | 3,960,000 | 4,039,200 | 4,118,400 | 4,197,600 | 4,276,800 | 4,356,000 | 4,435,200 | 4,514,400 | 4,593,600 | |
| Actual cumulative gross output, kWhr | 2,790,457 | 2,852,768 | 2,913,661 | 2,974,235 | 3,032,541 | 3,076,839 | 3,137,697 | 3,192,386 | 3,251,509 | 3,298,828 | 3,343,684 | 3,400,904 | 3,461,657 | 3,521,506 | |
| Cumulative Capacity Factor | 78.3% | 78.3% | 78.3% | 78.2% | 78.1% | 77.7% | 77.7% | 77.5% | 77.5% | 77.1% | 76.8% | 76.7% | 76.7% | 76.7% | |
| Cumulative fuel input, MMBtu HHV | 38,807 | 39,690 | 40,563 | 41,426 | 42,285 | 42,930 | 43,817 | 44,638 | 45,493 | 46,254 | 47,024 | 47,884 | 48,774 | 49,656 | |
| Cumulative gross output, kWhr | 2,790,457 | 2,852,768 | 2,913,661 | 2,974,235 | 3,032,541 | 3,076,839 | 3,137,697 | 3,192,386 | 3,251,509 | 3,298,828 | 3,343,684 | 3,400,904 | 3,461,657 | 3,521,506 | |
| Cumulative heat rate, Btu/kWe gross LHV | 12,519 | 12,524 | 12,532 | 12,538 | 12,552 | 12,560 | 12,571 | 12,587 | 12,595 | 12,622 | 12,660 | 12,675 | 12,684 | 12,694 | |
| Cumulative heat rate, Btu/kWe gross HHV | 13,907 | 13,913 | 13,922 | 13,928 | 13,944 | 13,953 | 13,965 | 13,983 | 13,991 | 14,021 | 14,064 | 14,080 | 14,090 | 14,101 | |
| **Service** | | | | | | | | | | | | | | | |
| Engine 1 | | | | | | | | Enguity installation work on E1 ICE Fuel System. | | | | | | | |
| Engine 2 | | | TY at site | | | | | | E-1 shutdown for work | | E1 idle, load, sync | | | | |
| Engine 3 | | | working with | | | | | Bad valve C12 | | | | | | | |
| Engine 4 | | | Ray. | | | NStar outage | | | | | | | Ron Richardson | | |
| Oil - oil and filter change | | | | | | | | | | Blower leak | | | Instruction on | | |
| Service - plugs, air filter, valve inspection and adjus | | | | | | | | | | switch blowers | | | ICE | | |

| NSTAR Power Reports | Monday | Tuesday | Wednesday | Thursday | Friday | Saturday | Sunday | Monday | Tuesday | Wednesday | Thursday | Friday | Saturday | Sunday | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Date | 2/15/2010 | 2/16/2010 | 2/17/2010 | 2/18/2010 | 2/19/2010 | 2/20/2010 | 2/21/2010 | 2/22/2010 | 2/23/2010 | 2/24/2010 | 2/25/2010 | 2/26/2010 | 2/27/2010 | 2/28/2010 | TOTAL |
| Hour | | | | | | | | | | | | | | | |
| 1 | 2,534 | 2,520 | 2,532 | 2,521 | 2,433 | 2,565 | 2,580 | 2,524 | 2,741 | 2,235 | 915 | 2,273 | 2,532 | 2,465 | |
| 2 | 2,535 | 2,518 | 2,526 | 2,519 | 2,432 | 2,516 | 2,581 | 2,512 | 2,741 | 2,236 | 963 | 2,278 | 2,533 | 2,458 | |
| 3 | 2,532 | 2,521 | 2,521 | 2,517 | 2,429 | 2,516 | 2,579 | 2,513 | 2,741 | 2,239 | 711 | 2,276 | 2,531 | 2,458 | |
| 4 | 2,540 | 2,528 | 2,518 | 2,514 | 2,432 | 2,516 | 2,580 | 2,515 | 2,738 | 2,237 | 1,147 | 2,273 | 2,529 | 2,447 | |
| 5 | 2,535 | 2,529 | 2,511 | 2,509 | 2,431 | 2,515 | 2,580 | 2,507 | 2,738 | 2,236 | 1,146 | 2,276 | 2,527 | 2,435 | |
| 6 | 2,528 | 2,524 | 2,533 | 2,507 | 2,433 | 2,515 | 2,581 | 2,491 | 2,737 | 2,236 | 1,144 | 2,289 | 2,527 | 2,435 | |
| 7 | 2,530 | 2,527 | 2,527 | 2,508 | 2,431 | 2,515 | 2,575 | 2,490 | 2,740 | 2,241 | 1,144 | 2,302 | 2,528 | 2,442 | |
| 8 | 2,530 | 2,522 | 2,529 | 2,508 | 2,425 | 2,515 | 2,565 | 2,491 | 2,739 | 2,238 | 1,145 | 2,304 | 2,529 | 2,420 | |
| 9 | 2,524 | 2,525 | 2,531 | 2,509 | 2,414 | 2,512 | 2,560 | 2,293 | 2,696 | 1,747 | 1,423 | 2,307 | 2,532 | 2,418 | |
| 10 | 2,516 | 2,530 | 2,519 | 2,512 | 2,167 | 345 | 2,559 | 2,081 | 2,670 | 1,916 | 2,287 | 2,300 | 2,529 | 2,435 | |
| 11 | 2,512 | 2,540 | 2,499 | 2,359 | 2,280 | - | 2,559 | 2,108 | 2,668 | 2,332 | 2,309 | 2,308 | 1,966 | 2,449 | |
| 12 | 2,516 | 2,548 | 2,500 | 2,510 | 2,315 | - | 2,548 | 2,108 | 2,127 | 2,326 | 2,311 | 2,306 | 2,733 | 2,445 | |
| 13 | 2,504 | 2,553 | 2,506 | 2,470 | 2,319 | - | 2,551 | 2,106 | 2,237 | 860 | 2,312 | 2,300 | 2,655 | 2,431 | |
| 14 | 2,504 | 2,545 | 2,498 | 2,173 | 2,117 | - | 2,545 | 2,105 | 2,238 | 2,173 | 2,296 | 2,298 | 2,668 | 2,458 | |
| 15 | 2,508 | 2,539 | 2,243 | 2,552 | 2,192 | - | 2,541 | 2,010 | 2,235 | 2,006 | 2,290 | 2,277 | 2,716 | 2,444 | |
| 16 | 2,508 | 2,546 | 2,316 | 2,545 | 2,257 | - | 2,554 | 1,955 | 2,238 | 1,576 | 2,291 | 2,317 | 2,358 | 2,439 | |
| 17 | 2,504 | 2,555 | 2,417 | 2,540 | 2,306 | 1,782 | 2,546 | 1,989 | 2,236 | 1,929 | 2,276 | 2,331 | 2,090 | 2,448 | |
| 18 | 2,490 | 2,553 | 2,206 | 2,525 | 2,460 | 2,579 | 2,533 | 1,994 | 2,235 | 1,820 | 2,277 | 2,312 | 2,259 | 2,453 | |
| 19 | 2,483 | 2,548 | 2,548 | 2,543 | 2,611 | 2,576 | 2,526 | 1,982 | 2,239 | 2,117 | 2,284 | 2,318 | 2,413 | 2,453 | |
| 20 | 2,488 | 2,547 | 2,547 | 2,567 | 2,610 | 2,580 | 2,531 | 1,984 | 2,235 | 2,112 | 2,289 | 2,412 | 2,490 | 2,443 | |
| 21 | 2,492 | 2,548 | 2,537 | 2,546 | 2,608 | 2,579 | 2,524 | 2,071 | 2,235 | 2,116 | 2,290 | 2,642 | 2,481 | 2,432 | |
| 22 | 2,497 | 2,553 | 2,533 | 2,528 | 2,608 | 2,583 | 2,524 | 2,137 | 2,236 | 2,120 | 2,287 | 2,550 | 2,479 | 2,427 | |
| 23 | 2,501 | 2,545 | 2,528 | 2,440 | 2,607 | 2,583 | 2,523 | 2,736 | 2,239 | 1,519 | 2,281 | 2,537 | 2,474 | 2,447 | |
| 24 | 2,520 | 2,538 | 2,524 | 2,436 | 2,607 | 2,580 | 2,529 | 2,740 | 2,236 | 867 | 2,272 | 2,533 | 2,457 | 2,465 | |
| TOTAL | 60,331 | 60,902 | 59,649 | 59,858 | 57,924 | 42,872 | 61,274 | 54,442 | 58,915 | 47,434 | 44,090 | 56,319 | 59,536 | 58,647 | |
| Cumulative Output Sold, kWhr | 890,509 | 951,411 | 1,011,060 | 1,070,918 | 1,128,842 | 1,171,714 | 1,232,988 | 1,287,430 | 1,346,345 | 1,393,779 | 1,437,869 | 1,494,188 | 1,553,724 | 1,612,371 | |
| Transformer and line efficiency | 100.5% | 100.0% | 100.2% | 101.1% | 101.6% | 99.0% | 102.9% | 101.6% | 101.7% | 102.3% | 100.6% | 100.5% | 100.2% | 100.1% | 0.0% |
| Hourly average | 2,514 | 2,538 | 2,485 | 2,494 | 2,414 | 1,786 | 2,553 | 2,268 | 2,455 | 1,976 | 1,837 | 2,347 | 2,481 | 2,444 | 2,399 |

| **MARCH 2010** | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CNBE Daily Reports Summary Data | | | | | | | | | | | | | | | DLST | |
| | Monday | Tuesday | Wednesday | Thursday | Friday | Saturday | Sunday | Monday | Tuesday | Wednesday | Thursday | Friday | Saturday | Sunday | Monday |
| | 3/1/2010 | 3/2/2010 | 3/3/2010 | 3/4/2010 | 3/5/2010 | 3/6/2010 | 3/7/2010 | 3/8/2010 | 3/9/2010 | 3/10/2010 | 3/11/2010 | 3/12/2010 | 3/13/2010 | 3/14/2010 | 3/15/2010 |
| Landfill Gas Flow to the Engines (KSCF) | 1,381 | 1,433 | 1,530 | 1,560 | 1,669 | 1,684 | 1,670 | 1,656 | 1,665 | 1,668 | 1,694 | 1,646 | 1,580 | 1,473 | 1,572 |
| Landfill Gas Flow to the Engines (MMBTU HHV) | 783 | 824 | 881 | 884 | 908 | 902 | 897 | 898 | 890 | 881 | 890 | 849 | 834 | 816 | 875 |
| Landfill Gas Flow to the Flare (KSCF) | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Landfill Gas Flow to the Flare (MMBTU HHV) | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Landfill Gas Total Flow (KSCF) | 1,381 | 1,433 | 1,530 | 1,560 | 1,669 | 1,684 | 1,670 | 1,656 | 1,665 | 1,668 | 1,694 | 1,646 | 1,580 | 1,473 | 1,572 |
| Landfill Gas Total Flow (MMBTU HHV) | 783 | 824 | 881 | 884 | 908 | 902 | 897 | 898 | 890 | 881 | 890 | 849 | 834 | 816 | 875 |
| Average Methane Content (%) | 56.0 | 56.8 | 56.9 | 56.0 | 53.8 | 52.9 | 53.1 | 53.6 | 52.8 | 52.2 | 51.9 | 51.0 | 52.2 | 54.7 | 55.0 |
| Engine 1 Hours | 24 | 24 | 24 | 13 | 24 | 24 | 24 | 22 | 24 | 24 | 24 | 24 | 24 | 23 | 22 |
| Engine 2 Hours | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 23 | 23 |
| Engine 3 Hours | 16 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 23 | 22 |
| Engine 4 Hours | 9 | - | 9 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 23 | 24 |
| Generator 1 Power Output (kWhr) | 18,150 | 18,884 | 19,266 | 5,587 | 10,969 | 11,751 | 11,670 | 12,402 | 18,280 | 18,352 | 18,792 | 18,887 | 18,740 | 17,936 | 17,417 |
| Generator 2 Power Output (kWhr) | 18,784 | 19,168 | 19,172 | 19,419 | 19,313 | 19,330 | 19,238 | 19,066 | 11,752 | 13,576 | 17,159 | 16,317 | 16,386 | 15,711 | 15,395 |
| Generator 3 Power Output (kWhr) | 12,900 | 19,376 | 19,514 | 19,764 | 18,097 | 16,936 | 16,587 | 13,589 | 11,888 | 8,746 | 6,987 | 6,918 | 6,962 | 6,691 | 11,472 |
| Generator 4 Power Output (kWhr) | 1,679 | - | 4,266 | 19,025 | 16,481 | 17,005 | 16,909 | 18,336 | 19,284 | 19,107 | 18,944 | 18,287 | 18,263 | 17,493 | 19,129 |
| Gross Power Output (kWhr) | 51,991 | 57,931 | 62,800 | 64,217 | 65,530 | 65,685 | 65,037 | 63,954 | 61,872 | 60,402 | 62,562 | 61,131 | 61,067 | 58,540 | 63,922 |
| Net Power Output (kWhr) | 51,116 | 56,951 | 61,625 | 63,136 | 64,251 | 64,381 | 63,740 | 62,676 | 60,583 | 59,124 | 61,337 | 59,964 | 60,019 | 57,579 | 62,782 |
| Power Sold as metered by NStar, (kWhr) | 51,482 | 57,603 | 62,353 | 63,132 | 64,377 | 64,489 | 64,169 | 62,559 | 60,807 | 59,970 | 61,230 | 60,385 | 60,220 | 57,702 | 63,047 |
| Offgrid RECs (kWhr) | 875 | 980 | 1,175 | 1,081 | 1,279 | 1,304 | 1,297 | 1,278 | 1,289 | 1,278 | 1,225 | 1,167 | 1,048 | 961 | 1,140 |
| **Calculated Performance Results** | | | | | | | | | | | | | | | |
| **Daily** | | | | | | | | | | | | | | | |
| Power output (kW average when running) | | | | | | | | | | | | | | | |
| Generator 1 | 756 | 787 | 803 | 430 | 457 | 490 | 486 | 564 | 762 | 765 | 783 | 787 | 781 | 780 | 792 |
| Generator 2 | 783 | 799 | 799 | 809 | 805 | 805 | 802 | 794 | 490 | 566 | 715 | 680 | 683 | 683 | 669 |
| Generator 3 | 806 | 807 | 813 | 824 | 754 | 706 | 691 | 566 | 495 | 364 | 291 | 288 | 290 | 291 | 521 |
| Generator 4 | 187 | - | 474 | 793 | 687 | 709 | 705 | 764 | 804 | 796 | 789 | 762 | 761 | 761 | 797 |
| Power output (kW average over 24-hrs) | | | | | | | | | | | | | | | |
| Facility Gross | 2,166 | 2,414 | 2,617 | 2,676 | 2,730 | 2,737 | 2,710 | 2,665 | 2,578 | 2,517 | 2,607 | 2,547 | 2,544 | 2,545 | 2,663 |
| Facility Net | 2,130 | 2,373 | 2,568 | 2,631 | 2,677 | 2,683 | 2,656 | 2,612 | 2,524 | 2,464 | 2,556 | 2,499 | 2,501 | 2,503 | 2,616 |
| In-plant load | 36 | 41 | 49 | 45 | 53 | 54 | 54 | 53 | 54 | 53 | 51 | 49 | 44 | 42 | 48 |
| Daily availability factor | | | | | | | | | | | | | | | |
| Facility | 76% | 75% | 84% | 89% | 100% | 100% | 100% | 98% | 100% | 100% | 100% | 100% | 100% | 100% | 95% |
| Engine 1 | 100% | 100% | 100% | 54% | 100% | 100% | 100% | 92% | 100% | 100% | 100% | 100% | 100% | 100% | 92% |
| Engine 2 | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 96% |
| Engine 3 | 67% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 92% |
| Engine 4 | 38% | 0% | 38% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% |
| Daily capacity factor | | | | | | | | | | | | | | | |
| Facility | 66% | 73% | 79% | 81% | 83% | 83% | 82% | 81% | 78% | 76% | 79% | 77% | 77% | 77% | 81% |
| Engine 1 | 92% | 95% | 97% | 52% | 55% | 59% | 59% | 68% | 92% | 93% | 95% | 95% | 95% | 95% | 96% |
| Engine 2 | 95% | 97% | 97% | 98% | 98% | 98% | 97% | 96% | 59% | 69% | 87% | 82% | 83% | 83% | 81% |
| Engine 3 | 98% | 98% | 99% | 100% | 91% | 86% | 84% | 69% | 60% | 44% | 35% | 35% | 35% | 35% | 63% |
| Engine 4 | 23% | 0% | 57% | 96% | 83% | 86% | 85% | 93% | 97% | 97% | 96% | 92% | 92% | 92% | 97% |
| **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 | 335 | 359 |
| Engine 1 | 24 | 48 | 72 | 85 | 109 | 133 | 157 | 179 | 203 | 227 | 251 | 275 | 299 | 322 | 344 |
| Engine 2 | 24 | 48 | 72 | 96 | 120 | 144 | 168 | 192 | 216 | 240 | 264 | 288 | 312 | 335 | 358 |
| Engine 3 | 16 | 40 | 64 | 88 | 112 | 136 | 160 | 184 | 208 | 232 | 256 | 280 | 304 | 327 | 349 |
| Engine 4 | 9 | 9 | 18 | 42 | 66 | 90 | 114 | 138 | 162 | 186 | 210 | 234 | 258 | 281 | 305 |
| Engine operating run hours total from 0 hours | | | | | | | | | | | | | | | |
| Engine 1 | 36,684 | 36,708 | 36,732 | 36,745 | 36,769 | 36,793 | 36,817 | 36,839 | 36,863 | 36,887 | 36,911 | 36,935 | 36,959 | 36,982 | 37,004 |
| Engine 2 | 36,632 | 36,656 | 36,680 | 36,704 | 36,728 | 36,752 | 36,776 | 36,800 | 36,824 | 36,848 | 36,872 | 36,896 | 36,920 | 36,943 | 36,966 |
| Engine 3 | 36,206 | 36,230 | 36,254 | 36,278 | 36,302 | 36,326 | 36,350 | 36,374 | 36,398 | 36,422 | 36,446 | 36,470 | 36,494 | 36,517 | 36,539 |
| Engine 4 | 35,426 | 35,426 | 35,435 | 35,459 | 35,483 | 35,507 | 35,531 | 35,555 | 35,579 | 35,603 | 35,627 | 35,651 | 35,675 | 35,698 | 35,722 |
| Cumulative availability, % | | | | | | | | | | | | | | | |
| Engine 1 | 100% | 100% | 100% | 89% | 91% | 92% | 93% | 93% | 94% | 95% | 95% | 95% | 96% | 96% | 96% |
| Engine 2 | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% |
| Engine 3 | 67% | 83% | 89% | 92% | 93% | 94% | 95% | 96% | 96% | 97% | 97% | 97% | 97% | 98% | 97% |
| Engine 4 | 38% | 19% | 25% | 44% | 55% | 63% | 68% | 72% | 75% | 78% | 80% | 81% | 83% | 84% | 85% |
| Engine cumulative gross output, kWhr | | | | | | | | | | | | | | | |
| Max cumulative capacity one engine | 825 | 1,650 | 2,475 | 3,300 | 4,125 | 4,950 | 5,775 | 6,600 | 7,425 | 8,250 | 9,075 | 9,900 | 10,725 | 11,550 | 12,375 |
| Engine 1 | 756 | 1,543 | 2,346 | 2,776 | 3,233 | 3,722 | 4,209 | 4,772 | 5,534 | 6,299 | 7,082 | 7,869 | 8,649 | 9,429 | 10,221 |
| Engine 2 | 783 | 1,581 | 2,380 | 3,189 | 3,994 | 4,799 | 5,601 | 6,395 | 6,885 | 7,451 | 8,166 | 8,846 | 9,528 | 10,211 | 10,881 |
| Engine 3 | 806 | 1,614 | 2,427 | 3,250 | 4,004 | 4,710 | 5,401 | 5,967 | 6,463 | 6,827 | 7,118 | 7,406 | 7,696 | 7,987 | 8,509 |
| Engine 4 | 187 | 187 | 661 | 1,453 | 2,140 | 2,849 | 3,553 | 4,317 | 5,121 | 5,917 | 6,706 | 7,468 | 8,229 | 8,989 | 9,787 |
| Cumulative capacity factor, % | | | | | | | | | | | | | | | |
| Engine 1 | 92% | 94% | 95% | 84% | 78% | 75% | 73% | 72% | 75% | 76% | 78% | 79% | 81% | 82% | 83% |
| Engine 2 | 95% | 96% | 96% | 97% | 97% | 97% | 97% | 97% | 93% | 90% | 90% | 89% | 89% | 88% | 88% |
| Engine 3 | 98% | 98% | 98% | 98% | 97% | 95% | 94% | 90% | 87% | 83% | 78% | 75% | 72% | 69% | 69% |
| Engine 4 | 23% | 11% | 27% | 44% | 52% | 58% | 62% | 65% | 69% | 72% | 74% | 75% | 77% | 78% | 79% |

| | Monday | Tuesday | Wednesday | Thursday | Friday | Saturday | Sunday | Monday | Tuesday | Wednesday | Thursday | Friday | Saturday | Sunday | Monday |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 3/1/2010 | 3/2/2010 | 3/3/2010 | 3/4/2010 | 3/5/2010 | 3/6/2010 | 3/7/2010 | 3/8/2010 | 3/9/2010 | 3/10/2010 | 3/11/2010 | 3/12/2010 | 3/13/2010 | 3/14/2010 | 3/15/2010 |
| **Cumulative by Facility in month** | | | | | | | | | | | | | | | |
| Max cumulative available engine run hours | 96 | 192 | 288 | 384 | 480 | 576 | 672 | 768 | 864 | 960 | 1,056 | 1,152 | 1,248 | 1,344 | 1,440 |
| Actual cumulative engine run hours | 73 | 145 | 226 | 311 | 407 | 503 | 599 | 693 | 789 | 885 | 981 | 1,077 | 1,173 | 1,265 | 1,356 |
| Cumulative Availability, % | 76.0% | 75.5% | 78.5% | 81.0% | 84.8% | 87.3% | 89.1% | 90.2% | 91.3% | 92.2% | 92.9% | 93.5% | 94.0% | 94.1% | 94.2% |
| | | | | | | | | | | | | | | | |
| Max cumulative gross output, kWhr | 79,200 | 158,400 | 237,600 | 316,800 | 396,000 | 475,200 | 554,400 | 633,600 | 712,800 | 792,000 | 871,200 | 950,400 | 1,029,600 | 1,108,800 | 1,188,000 |
| Actual cumulative gross output, kWhr | 51,991 | 109,922 | 172,722 | 236,939 | 302,469 | 368,154 | 433,191 | 497,145 | 559,017 | 619,419 | 681,981 | 743,112 | 804,179 | 862,719 | 926,641 |
| Cumulative Capacity Factor | 65.6% | 69.4% | 72.7% | 74.8% | 76.4% | 77.5% | 78.1% | 78.5% | 78.4% | 78.2% | 78.3% | 78.2% | 78.1% | 77.8% | 78.0% |
| | | | | | | | | | | | | | | | |
| Cumulative fuel input, MMBtu HHV | 783 | 1,607 | 2,488 | 3,372 | 4,280 | 5,182 | 6,079 | 6,977 | 7,867 | 8,748 | 9,638 | 10,487 | 11,321 | 12,137 | 13,012 |
| Cumulative gross output, kWhr | 51,991 | 109,922 | 172,722 | 236,939 | 302,469 | 368,154 | 433,191 | 497,145 | 559,017 | 619,419 | 681,981 | 743,112 | 804,179 | 862,719 | 926,641 |
| | | | | | | | | | | | | | | | |
| **Heat Rate** | | | | | | | | | | | | | | | |
| Daily heat rate, Btu/kWe gross LHV | 13,557 | 12,804 | 12,629 | 12,392 | 12,473 | 12,362 | 12,416 | 12,640 | 12,949 | 13,130 | 12,806 | 12,502 | 12,294 | 12,548 | 12,322 |
| Daily heat rate, Btu/kWe gross HHV | 15,060 | 14,224 | 14,029 | 13,766 | 13,856 | 13,732 | 13,792 | 14,041 | 14,385 | 14,586 | 14,226 | 13,888 | 13,657 | 13,939 | 13,689 |
| | | | | | | | | | | | | | | | |
| Cumulative heat rate, Btu/kWe gross LHV | 13,557 | 13,160 | 12,967 | 12,811 | 12,738 | 12,671 | 12,633 | 12,633 | 12,668 | 12,713 | 12,722 | 12,704 | 12,673 | 12,664 | 12,641 |
| Cumulative heat rate, Btu/kWe gross HHV | 15,060 | 14,619 | 14,405 | 14,232 | 14,150 | 14,076 | 14,033 | 14,034 | 14,073 | 14,123 | 14,132 | 14,112 | 14,078 | 14,068 | 14,042 |
| | | | | | | | | | | | | | | | |
| **Cumulative by Facility starting Calendar Year** | | | | | | | | | | | | | | | |
| Max cumulative available engine run hours | 5,664 | 5,760 | 5,856 | 5,952 | 6,048 | 6,144 | 6,240 | 6,336 | 6,432 | 6,528 | 6,624 | 6,720 | 6,816 | 6,912 | 7,008 |
| Actual cumulative engine run hours | 5,422 | 5,494 | 5,575 | 5,660 | 5,756 | 5,852 | 5,948 | 6,042 | 6,138 | 6,234 | 6,330 | 6,426 | 6,522 | 6,614 | 6,705 |
| Cumulative Availability, % | 95.7% | 95.4% | 95.2% | 95.1% | 95.2% | 95.2% | 95.3% | 95.4% | 95.4% | 95.5% | 95.6% | 95.6% | 95.7% | 95.7% | 95.7% |
| | | | | | | | | | | | | | | | |
| Max cumulative gross output, kWhr | 4,672,800 | 4,752,000 | 4,831,200 | 4,910,400 | 4,989,600 | 5,068,800 | 5,148,000 | 5,227,200 | 5,306,400 | 5,385,600 | 5,464,800 | 5,544,000 | 5,623,200 | 5,702,400 | 5,781,600 |
| Actual cumulative gross output, kWhr | 3,573,497 | 3,631,428 | 3,694,228 | 3,758,445 | 3,823,975 | 3,889,660 | 3,954,697 | 4,018,651 | 4,080,523 | 4,140,925 | 4,203,487 | 4,264,618 | 4,325,685 | 4,384,225 | 4,448,147 |
| Cumulative Capacity Factor | 76.5% | 76.4% | 76.5% | 76.5% | 76.6% | 76.7% | 76.8% | 76.9% | 76.9% | 76.9% | 76.9% | 76.9% | 76.9% | 76.9% | 76.9% |
| | | | | | | | | | | | | | | | |
| Cumulative fuel input, MMBtu HHV | 50,439 | 51,263 | 52,144 | 53,028 | 53,936 | 54,838 | 55,735 | 56,633 | 57,523 | 58,404 | 59,294 | 60,143 | 60,977 | 61,793 | 62,668 |
| Cumulative gross output, kWhr | 3,573,497 | 3,631,428 | 3,694,228 | 3,758,445 | 3,823,975 | 3,889,660 | 3,954,697 | 4,018,651 | 4,080,523 | 4,140,925 | 4,203,487 | 4,264,618 | 4,325,685 | 4,384,225 | 4,448,147 |
| Cumulative heat rate, Btu/kWe gross LHV | 12,706 | 12,708 | 12,706 | 12,701 | 12,697 | 12,691 | 12,687 | 12,686 | 12,690 | 12,696 | 12,698 | 12,695 | 12,690 | 12,688 | 12,683 |
| Cumulative heat rate, Btu/kWe gross HHV | 14,115 | 14,117 | 14,115 | 14,109 | 14,105 | 14,098 | 14,093 | 14,093 | 14,097 | 14,104 | 14,106 | 14,103 | 14,097 | 14,094 | 14,089 |
| **Service** | | | | | | | | | | | | | | | |
| Engine 1 | | | | | ICE short. Loose wire corrected. | | | | | | | | | | |
| Engine 2 | | | | | | | | | | | | | | | |
| Engine 3 | | | | | | | | | swinging badly | swinging badly | | | | | |
| Engine 4 | Top-end E-4. | Dip clean intercooler | Restart | | | | | | | | | | | | |
| Oil - oil and filter change | Remove blower #1 | (closest to blding ) & send to Associated. | | | | | | Rob Rosen SCADA | | | | | | Daylight savings | Compression |
| Service - plugs, air filter, valve inspection and adjustment | | | | | | | | | | | | | | Lose an hour | tests |
| | | | | | | | | | | | | Rain Storm --------- 8" ---------- Rain Storm | | | |
| NSTAR Power Reports | Monday | Tuesday | Wednesday | Thursday | Friday | Saturday | Sunday | Monday | Tuesday | Wednesday | Thursday | Friday | Saturday | Sunday | Monday |
| Date | 3/1/2010 | 3/2/2010 | 3/3/2010 | 3/4/2010 | 3/5/2010 | 3/6/2010 | 3/7/2010 | 3/8/2010 | 3/9/2010 | 3/10/2010 | 3/11/2010 | 3/12/2010 | 3/13/2010 | 3/14/2010 | 3/15/2010 |
| Hour | | | | | | | | | | | | | | | |
| 1 | 1,979 | 2,370 | 2,427 | 2,085 | 2,795 | 2,687 | 2,672 | 2,666 | 2,620 | 2,343 | 2,582 | 2,535 | 2,506 | 2,511 | 2,506 |
| 2 | 1,755 | 2,375 | 2,427 | 2,396 | 2,799 | 2,687 | 2,671 | 2,667 | 2,619 | 2,320 | 2,587 | 2,534 | 2,511 | 2,506 | 2,511 |
| 3 | 1,755 | 2,377 | 2,425 | 2,411 | 2,807 | 2,688 | 2,669 | 2,668 | 2,632 | 2,327 | 2,587 | 2,533 | 2,508 | 2,510 | 2,386 |
| 4 | 1,756 | 2,379 | 2,425 | 2,410 | 2,793 | 2,688 | 2,670 | 2,667 | 2,633 | 2,333 | 2,592 | 2,534 | 2,511 | 2,507 | 1,730 |
| 5 | 1,757 | 2,381 | 2,426 | 2,409 | 2,527 | 2,687 | 2,668 | 2,667 | 2,629 | 2,329 | 2,588 | 2,531 | 2,508 | 2,509 | 1,953 |
| 6 | 1,757 | 2,382 | 2,426 | 2,410 | 2,147 | 2,686 | 2,667 | 2,664 | 2,626 | 2,326 | 2,595 | 2,536 | 2,510 | 2,509 | 2,793 |
| 7 | 1,754 | 2,385 | 2,427 | 2,412 | 2,170 | 2,685 | 2,667 | 2,662 | 2,628 | 2,319 | 2,590 | 2,536 | 2,507 | 2,506 | 2,805 |
| 8 | 1,754 | 2,391 | 2,427 | 2,413 | 2,184 | 2,692 | 2,667 | 2,663 | 2,635 | 2,343 | 2,593 | 2,535 | 2,512 | 2,507 | 2,811 |
| 9 | 2,306 | 2,387 | 2,423 | 2,520 | 2,765 | 2,703 | 2,671 | 2,632 | 2,613 | 2,354 | 2,587 | 2,528 | 2,508 | 2,508 | 2,803 |
| 10 | 2,374 | 2,392 | 2,423 | 2,697 | 2,840 | 2,713 | 2,678 | 2,499 | 2,583 | 2,482 | 2,518 | 2,503 | 2,512 | 2,504 | 2,806 |
| 11 | 2,363 | 2,393 | 2,420 | 2,958 | 2,785 | 2,694 | 2,678 | 2,124 | 2,588 | 2,624 | 2,500 | 2,504 | 2,507 | 2,508 | 2,619 |
| 12 | 2,357 | 2,399 | 2,416 | 2,970 | 2,784 | 2,688 | 2,679 | 2,398 | 2,595 | 2,623 | 2,506 | 2,503 | 2,508 | 2,509 | 2,418 |
| 13 | 2,362 | 2,403 | 2,417 | 2,968 | 2,786 | 2,691 | 2,684 | 2,376 | 2,605 | 2,629 | 2,538 | 2,503 | 2,507 | 2,506 | 2,440 |
| 14 | 2,361 | 2,408 | 2,416 | 2,668 | 2,787 | 2,695 | 2,684 | 2,500 | 2,610 | 2,628 | 2,538 | 2,500 | 2,512 | 2,511 | 2,281 |
| 15 | 2,356 | 2,369 | 2,506 | 2,481 | 2,781 | 2,694 | 2,685 | 2,912 | 2,585 | 2,620 | 2,535 | 2,505 | 2,511 | 2,511 | 2,456 |
| 16 | 1,788 | 2,391 | 2,813 | 2,413 | 2,778 | 2,689 | 2,684 | 2,741 | 2,531 | 2,613 | 2,534 | 2,507 | 2,510 | 2,511 | 2,919 |
| 17 | 2,359 | 2,433 | 2,922 | 2,734 | 2,780 | 2,684 | 2,686 | 2,638 | 2,511 | 2,608 | 2,532 | 2,509 | 2,512 | 2,508 | 2,919 |
| 18 | 2,374 | 2,427 | 2,919 | 2,836 | 2,774 | 2,680 | 2,678 | 2,639 | 2,450 | 2,597 | 2,535 | 2,504 | 2,508 | 2,511 | 2,917 |
| 19 | 2,368 | 2,425 | 2,919 | 2,831 | 2,772 | 2,679 | 2,675 | 2,635 | 2,374 | 2,600 | 2,529 | 2,507 | 2,511 | 2,507 | 2,900 |
| 20 | 2,371 | 2,425 | 2,918 | 2,823 | 2,773 | 2,679 | 2,674 | 2,632 | 2,332 | 2,601 | 2,533 | 2,506 | 2,507 | 2,512 | 2,817 |
| 21 | 2,372 | 2,427 | 2,917 | 2,826 | 2,687 | 2,677 | 2,668 | 2,631 | 2,328 | 2,595 | 2,534 | 2,507 | 2,511 | 2,511 | 2,817 |
| 22 | 2,367 | 2,427 | 2,916 | 2,822 | 2,687 | 2,675 | 2,662 | 2,627 | 2,341 | 2,585 | 2,531 | 2,508 | 2,506 | 2,508 | 2,814 |
| 23 | 2,367 | 2,428 | 2,916 | 2,822 | 2,687 | 2,674 | 2,665 | 2,626 | 2,373 | 2,590 | 2,535 | 2,507 | 2,510 | 2,512 | 2,814 |
| 24 | 2,370 | 2,429 | 2,682 | 2,817 | 2,689 | 2,674 | 2,667 | 2,625 | 2,366 | 2,581 | 2,531 | 2,510 | 2,507 | - | 2,812 |
| | | | | | | | | | | | | | | | |
| TOTAL | 51,482 | 57,603 | 62,353 | 63,132 | 64,377 | 64,489 | 64,169 | 62,559 | 60,807 | 59,970 | 61,230 | 60,385 | 60,220 | 57,702 | 63,047 |
| Cumulative Output Sold, kWhr | 51,482 | 109,085 | 171,438 | 234,570 | 298,947 | 363,436 | 427,605 | 490,164 | 550,971 | 610,941 | 672,171 | 732,556 | 792,776 | 850,478 | 913,525 |
| Transformer and line efficiency | 100.7% | 101.1% | 101.2% | 100.0% | 100.2% | 100.2% | 100.7% | 99.8% | 100.4% | 101.4% | 99.8% | 100.7% | 100.3% | 100.2% | 100.4% |
| Hourly average | 2,145 | 2,400 | 2,598 | 2,631 | 2,682 | 2,687 | 2,674 | 2,607 | 2,534 | 2,499 | 2,551 | 2,516 | 2,509 | 2,509 | 2,627 |

| **MARCH 2010** | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CNBE Daily Reports Summary Data | | | | | | | | | | | | | | | | | |
| | Tuesday | Wednesday | Thursday | Friday | Saturday | Sunday | Monday | Tuesday | Wednesday | Thursday | Friday | Saturday | Sunday | Monday | Tuesday | Wednesday | |
| | 3/16/2010 | 3/17/2010 | 3/18/2010 | 3/19/2010 | 3/20/2010 | 3/21/2010 | 3/22/2010 | 3/23/2010 | 3/24/2010 | 3/25/2010 | 3/26/2010 | 3/27/2010 | 3/28/2010 | 3/29/2010 | 3/30/2010 | 3/31/2010 | TOTAL |
| Landfill Gas Flow to the Engines (KSCF) | 1,637 | 1,605 | 1,596 | 1,642 | 1,669 | 1,660 | 1,652 | 1,611 | 1,614 | 1,626 | 1,623 | 1,655 | 1,615 | 1,621 | 1,603 | 1,600 | 49,910 |
| Landfill Gas Flow to the Engines (MMBTU HHV) | 871 | 864 | 860 | 854 | 859 | 835 | 847 | 867 | 866 | 853 | 852 | 843 | 833 | 853 | 871 | 853 | 26,693 |
| Landfill Gas Flow to the Flare (KSCF) | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Landfill Gas Flow to the Flare (MMBTU HHV) | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Landfill Gas Total Flow (KSCF) | 1,637 | 1,605 | 1,596 | 1,642 | 1,669 | 1,660 | 1,652 | 1,611 | 1,614 | 1,626 | 1,623 | 1,655 | 1,615 | 1,621 | 1,603 | 1,600 | 49,910 |
| Landfill Gas Total Flow (MMBTU HHV) | 871 | 864 | 860 | 854 | 859 | 835 | 847 | 867 | 866 | 853 | 852 | 843 | 833 | 853 | 871 | 853 | 26,693 |
| Average Methane Content (%) | 52.6 | 53.2 | 53.2 | 51.4 | 50.9 | 49.7 | 50.7 | 53.2 | 53.0 | 51.8 | 51.9 | 50.3 | 51.0 | 52.0 | 53.7 | 52.7 | 52.8 |
| Engine 1 Hours | 22 | 22 | 24 | 21 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 721 |
| Engine 2 Hours | 24 | 24 | 20 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 738 |
| Engine 3 Hours | 24 | 24 | 20 | 23 | 24 | 21 | 23 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 724 |
| Engine 4 Hours | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 689 |
| Generator 1 Power Output (kWhr) | 16,132 | 15,327 | 18,721 | 14,559 | 13,951 | 16,468 | 18,391 | 16,559 | 16,474 | 16,260 | 16,172 | 15,830 | 15,419 | 15,935 | 16,303 | 15,875 | 495,459 |
| Generator 2 Power Output (kWhr) | 13,342 | 12,045 | 12,246 | 16,123 | 18,148 | 19,175 | 17,913 | 16,330 | 16,340 | 15,945 | 15,734 | 15,404 | 16,356 | 16,889 | 16,304 | 15,433 | 513,513 |
| Generator 3 Power Output (kWhr) | 16,787 | 17,034 | 13,411 | 13,613 | 15,487 | 7,680 | 8,691 | 14,929 | 14,572 | 15,088 | 14,594 | 14,002 | 11,565 | 13,105 | 15,537 | 15,341 | 417,863 |
| Generator 4 Power Output (kWhr) | 19,294 | 18,890 | 19,312 | 18,316 | 17,527 | 19,046 | 17,938 | 16,211 | 16,249 | 15,867 | 15,662 | 15,539 | 16,470 | 16,858 | 16,237 | 15,426 | 499,050 |
| Gross Power Output (kWhr) | 66,073 | 63,861 | 64,257 | 63,134 | 65,880 | 62,878 | 63,684 | 64,755 | 64,456 | 63,905 | 62,898 | 61,491 | 60,457 | 63,474 | 65,096 | 62,811 | 1,945,751 |
| Net Power Output (kWhr) | 64,795 | 62,594 | 62,891 | 61,660 | 64,361 | 61,422 | 62,286 | 63,415 | 63,098 | 62,449 | 61,516 | 60,076 | 59,119 | 62,075 | 63,718 | 61,446 | 1,906,185 |
| Power Sold as metered by NStar, (kWhr) | 65,025 | 61,958 | 62,856 | 61,876 | 64,449 | 61,463 | 61,621 | 63,614 | 62,518 | 62,130 | 61,447 | 59,252 | 59,348 | 61,871 | 63,095 | 61,232 | 1,907,280 |
| Offgrid RECs (kWhr) | 1,278 | 1,267 | 1,366 | 1,474 | 1,519 | 1,456 | 1,398 | 1,340 | 1,358 | 1,456 | 1,382 | 1,415 | 1,338 | 1,399 | 1,378 | 1,365 | 39,566 |
| **Calculated Performance Results** | | | | | | | | | | | | | | | | | |
| **Daily** | | | | | | | | | | | | | | | | | |
| Power output (kW average when running) | | | | | | | | | | | | | | | | | |
| Generator 1 | 733 | 697 | 780 | 693 | 581 | 686 | 766 | 690 | 686 | 678 | 674 | 660 | 642 | 664 | 679 | 661 | |
| Generator 2 | 556 | 502 | 612 | 672 | 756 | 799 | 746 | 680 | 681 | 664 | 656 | 642 | 682 | 704 | 679 | 643 | |
| Generator 3 | 699 | 710 | 671 | 592 | 645 | 366 | 378 | 622 | 607 | 629 | 608 | 583 | 482 | 546 | 647 | 639 | |
| Generator 4 | 804 | 787 | 805 | 763 | 730 | 794 | 747 | 675 | 677 | 661 | 653 | 647 | 686 | 702 | 677 | 643 | |
| Power output (kW average over 24-hrs) | | | | | | | | | | | | | | | | | |
| Facility Gross | 2,753 | 2,661 | 2,677 | 2,631 | 2,745 | 2,620 | 2,654 | 2,698 | 2,686 | 2,663 | 2,621 | 2,562 | 2,519 | 2,645 | 2,712 | 2,617 | |
| Facility Net | 2,700 | 2,608 | 2,620 | 2,569 | 2,682 | 2,559 | 2,595 | 2,642 | 2,629 | 2,602 | 2,563 | 2,503 | 2,463 | 2,586 | 2,655 | 2,560 | |
| In-plant load | 53 | 53 | 57 | 61 | 63 | 61 | 58 | 56 | 57 | 61 | 58 | 59 | 56 | 58 | 57 | 57 | |
| Daily availability factor | | | | | | | | | | | | | | | | | |
| Facility | 98% | 98% | 92% | 96% | 100% | 97% | 99% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | |
| Engine 1 | 92% | 92% | 100% | 88% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | |
| Engine 2 | 100% | 100% | 83% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | |
| Engine 3 | 100% | 100% | 83% | 96% | 100% | 88% | 96% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | |
| Engine 4 | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | |
| Daily capacity factor | | | | | | | | | | | | | | | | | |
| Facility | 83% | 81% | 81% | 80% | 83% | 79% | 80% | 82% | 81% | 81% | 79% | 78% | 76% | 80% | 82% | 79% | |
| Engine 1 | 89% | 84% | 95% | 84% | 70% | 83% | 93% | 84% | 83% | 82% | 82% | 80% | 78% | 80% | 82% | 80% | |
| Engine 2 | 67% | 61% | 74% | 81% | 92% | 97% | 90% | 82% | 83% | 81% | 79% | 78% | 83% | 85% | 82% | 78% | |
| Engine 3 | 85% | 86% | 81% | 72% | 78% | 44% | 46% | 75% | 74% | 76% | 74% | 71% | 58% | 66% | 78% | 77% | |
| Engine 4 | 97% | 95% | 98% | 93% | 89% | 96% | 91% | 82% | 82% | 80% | 79% | 78% | 83% | 85% | 82% | 78% | |
| **Cumulative by engine** | | | | | | | | | | | | | | | | | |
| Engine operating run hours in the month | | | | | | | | | | | | | | | | | |
| Max Cumulative Available, hours | 383 | 407 | 431 | 455 | 479 | 503 | 527 | 551 | 575 | 599 | 623 | 647 | 671 | 695 | 719 | 743 | |
| Engine 1 | 366 | 388 | 412 | 433 | 457 | 481 | 505 | 529 | 553 | 577 | 601 | 625 | 649 | 673 | 697 | 721 | |
| Engine 2 | 382 | 406 | 426 | 450 | 474 | 498 | 522 | 546 | 570 | 594 | 618 | 642 | 666 | 690 | 714 | 738 | |
| Engine 3 | 373 | 397 | 417 | 440 | 464 | 485 | 508 | 532 | 556 | 580 | 604 | 628 | 652 | 676 | 700 | 724 | |
| Engine 4 | 329 | 353 | 377 | 401 | 425 | 449 | 473 | 497 | 521 | 545 | 569 | 593 | 617 | 641 | 665 | 689 | |
| Engine operating run hours total from 0 hours | | | | | | | | | | | | | | | | | |
| Engine 1 | 37,026 | 37,048 | 37,072 | 37,093 | 37,117 | 37,141 | 37,165 | 37,189 | 37,213 | 37,237 | 37,261 | 37,285 | 37,309 | 37,333 | 37,357 | 37,381 | |
| Engine 2 | 36,990 | 37,014 | 37,034 | 37,058 | 37,082 | 37,106 | 37,130 | 37,154 | 37,178 | 37,202 | 37,226 | 37,250 | 37,274 | 37,298 | 37,322 | 37,346 | |
| Engine 3 | 36,563 | 36,587 | 36,607 | 36,630 | 36,654 | 36,675 | 36,698 | 36,722 | 36,746 | 36,770 | 36,794 | 36,818 | 36,842 | 36,866 | 36,890 | 36,914 | |
| Engine 4 | 35,746 | 35,770 | 35,794 | 35,818 | 35,842 | 35,866 | 35,890 | 35,914 | 35,938 | 35,962 | 35,986 | 36,010 | 36,034 | 36,058 | 36,082 | 36,106 | |
| Cumulative availability, % | | | | | | | | | | | | | | | | | |
| Engine 1 | 96% | 95% | 96% | 95% | 95% | 96% | 96% | 96% | 96% | 96% | 96% | 97% | 97% | 97% | 97% | 97% | |
| Engine 2 | 100% | 100% | 99% | 99% | 99% | 99% | 99% | 99% | 99% | 99% | 99% | 99% | 99% | 99% | 99% | 99% | |
| Engine 3 | 97% | 98% | 97% | 97% | 97% | 96% | 96% | 97% | 97% | 97% | 97% | 97% | 97% | 97% | 97% | 97% | |
| Engine 4 | 86% | 87% | 87% | 88% | 89% | 89% | 90% | 90% | 91% | 91% | 91% | 92% | 92% | 92% | 92% | 93% | |
| Engine cumulative gross output, kWhr | | | | | | | | | | | | | | | | | |
| Max cumulative capacity one engine | 13,200 | 14,025 | 14,850 | 15,675 | 16,500 | 17,325 | 18,150 | 18,975 | 19,800 | 20,625 | 21,450 | 22,275 | 23,100 | 23,925 | 24,750 | 24,750 | |
| Engine 1 | 10,954 | 11,651 | 12,431 | 13,124 | 13,705 | 14,392 | 15,158 | 15,848 | 16,534 | 17,212 | 17,886 | 18,545 | 19,188 | 19,852 | 20,531 | 20,513 | |
| Engine 2 | 11,437 | 11,939 | 12,551 | 13,223 | 13,979 | 14,778 | 15,524 | 16,205 | 16,885 | 17,550 | 18,205 | 18,847 | 19,529 | 20,232 | 20,912 | 20,875 | |
| Engine 3 | 9,208 | 9,918 | 10,589 | 11,180 | 11,826 | 12,191 | 12,569 | 13,191 | 13,798 | 14,427 | 15,035 | 15,619 | 16,101 | 16,647 | 17,294 | 17,286 | |
| Engine 4 | 10,590 | 11,378 | 12,182 | 12,945 | 13,676 | 14,469 | 15,217 | 15,892 | 16,569 | 17,230 | 17,883 | 18,530 | 19,217 | 19,919 | 20,596 | 20,562 | |
| Cumulative capacity factor, % | | | | | | | | | | | | | | | | | |
| Engine 1 | 83% | 83% | 84% | 84% | 83% | 83% | 84% | 84% | 84% | 83% | 83% | 83% | 83% | 83% | 83% | 83% | |
| Engine 2 | 87% | 85% | 85% | 84% | 85% | 85% | 86% | 85% | 85% | 85% | 85% | 85% | 85% | 85% | 84% | 84% | |
| Engine 3 | 70% | 71% | 71% | 71% | 72% | 70% | 69% | 70% | 70% | 70% | 70% | 70% | 70% | 70% | 70% | 70% | |
| Engine 4 | 80% | 81% | 82% | 83% | 83% | 84% | 84% | 84% | 84% | 84% | 83% | 83% | 83% | 83% | 83% | 83% | |

| | Tuesday | Wednesday | Thursday | Friday | Saturday | Sunday | Monday | Tuesday | Wednesday | Thursday | Friday | Saturday | Sunday | Monday | Tuesday | Wednesday | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 3/16/2010 | 3/17/2010 | 3/18/2010 | 3/19/2010 | 3/20/2010 | 3/21/2010 | 3/22/2010 | 3/23/2010 | 3/24/2010 | 3/25/2010 | 3/26/2010 | 3/27/2010 | 3/28/2010 | 3/29/2010 | 3/30/2010 | 3/31/2010 | TOTAL |
| **Cumulative by Facility in month** | | | | | | | | | | | | | | | | | |
| Max cumulative available engine run hours | 1,536 | 1,632 | 1,728 | 1,824 | 1,920 | 2,016 | 2,112 | 2,208 | 2,304 | 2,400 | 2,496 | 2,592 | 2,688 | 2,784 | 2,880 | 2,880 | |
| Actual cumulative engine run hours | 1,450 | 1,544 | 1,632 | 1,724 | 1,820 | 1,913 | 2,008 | 2,104 | 2,200 | 2,296 | 2,392 | 2,488 | 2,584 | 2,680 | 2,776 | 2,776 | |
| Cumulative Availability, % | 94.4% | 94.6% | 94.4% | 94.5% | 94.8% | 94.9% | 95.1% | 95.3% | 95.5% | 95.7% | 95.8% | 96.0% | 96.1% | 96.3% | 96.4% | 96.4% | |
| Max cumulative gross output, kWhr | 1,267,200 | 1,346,400 | 1,425,600 | 1,504,800 | 1,584,000 | 1,663,200 | 1,742,400 | 1,821,600 | 1,900,800 | 1,980,000 | 2,059,200 | 2,138,400 | 2,217,600 | 2,296,800 | 2,376,000 | 2,376,000 | |
| Actual cumulative gross output, kWhr | 992,714 | 1,056,575 | 1,120,832 | 1,183,966 | 1,249,846 | 1,312,724 | 1,376,408 | 1,441,163 | 1,505,619 | 1,569,524 | 1,632,422 | 1,693,913 | 1,754,370 | 1,817,844 | 1,882,940 | 1,880,655 | |
| Cumulative Capacity Factor | 78.3% | 78.5% | 78.6% | 78.7% | 78.9% | 78.9% | 79.0% | 79.1% | 79.2% | 79.3% | 79.3% | 79.2% | 79.1% | 79.1% | 79.2% | 79.2% | |
| Cumulative fuel input, MMBtu HHV | 13,883 | 14,747 | 15,607 | 16,461 | 17,320 | 18,155 | 19,002 | 19,869 | 20,735 | 21,588 | 22,440 | 23,283 | 24,116 | 24,969 | 25,840 | 25,822 | |
| Cumulative gross output, kWhr | 992,714 | 1,056,575 | 1,120,832 | 1,183,966 | 1,249,846 | 1,312,724 | 1,376,408 | 1,441,163 | 1,505,619 | 1,569,524 | 1,632,422 | 1,693,913 | 1,754,370 | 1,817,844 | 1,882,940 | 1,880,655 | |
| **Heat Rate** | | | | | | | | | | | | | | | | | |
| Daily heat rate, Btu/kWe gross LHV | 11,867 | 12,179 | 12,048 | 12,177 | 11,738 | 11,954 | 11,973 | 12,053 | 12,095 | 12,016 | 12,194 | 12,341 | 12,403 | 12,097 | 12,045 | 12,225 | |
| Daily heat rate, Btu/kWe gross HHV | 13,182 | 13,529 | 13,384 | 13,527 | 13,039 | 13,280 | 13,300 | 13,389 | 13,436 | 13,348 | 13,546 | 13,709 | 13,778 | 13,439 | 13,380 | 13,580 | |
| Cumulative heat rate, Btu/kWe gross LHV | 12,589 | 12,564 | 12,535 | 12,516 | 12,475 | 12,450 | 12,428 | 12,411 | 12,397 | 12,382 | 12,375 | 12,373 | 12,374 | 12,365 | 12,354 | 12,360 | |
| Cumulative heat rate, Btu/kWe gross HHV | 13,985 | 13,957 | 13,924 | 13,903 | 13,858 | 13,830 | 13,805 | 13,787 | 13,772 | 13,754 | 13,746 | 13,745 | 13,746 | 13,736 | 13,723 | 13,730 | |
| **Cumulative by Facility starting Calendar Year** | | | | | | | | | | | | | | | | | |
| Max cumulative available engine run hours | 7,104 | 7,200 | 7,296 | 7,392 | 7,488 | 7,584 | 7,680 | 7,776 | 7,872 | 7,968 | 8,064 | 8,160 | 8,256 | 8,352 | 8,448 | 8,448 | |
| Actual cumulative engine run hours | 6,799 | 6,893 | 6,981 | 7,073 | 7,169 | 7,262 | 7,357 | 7,453 | 7,549 | 7,645 | 7,741 | 7,837 | 7,933 | 8,029 | 8,125 | 8,125 | |
| Cumulative Availability, % | 95.7% | 95.7% | 95.7% | 95.7% | 95.7% | 95.8% | 95.8% | 95.8% | 95.9% | 95.9% | 96.0% | 96.0% | 96.1% | 96.1% | 96.2% | 96.2% | |
| Max cumulative gross output, kWhr | 5,860,800 | 5,940,000 | 6,019,200 | 6,098,400 | 6,177,600 | 6,256,800 | 6,336,000 | 6,415,200 | 6,494,400 | 6,573,600 | 6,652,800 | 6,732,000 | 6,811,200 | 6,890,400 | 6,969,600 | 6,969,600 | |
| Actual cumulative gross output, kWhr | 4,514,220 | 4,578,081 | 4,642,338 | 4,705,472 | 4,771,352 | 4,834,230 | 4,897,914 | 4,962,669 | 5,027,125 | 5,091,030 | 5,153,928 | 5,215,419 | 5,275,876 | 5,339,350 | 5,404,446 | 5,402,161 | |
| Cumulative Capacity Factor | 77.0% | 77.1% | 77.1% | 77.2% | 77.2% | 77.3% | 77.3% | 77.4% | 77.4% | 77.4% | 77.5% | 77.5% | 77.5% | 77.5% | 77.5% | 77.5% | |
| Cumulative fuel input, MMBtu HHV | 63,539 | 64,403 | 65,263 | 66,117 | 66,976 | 67,811 | 68,658 | 69,525 | 70,391 | 71,244 | 72,096 | 72,939 | 73,772 | 74,625 | 75,496 | 75,478 | |
| Cumulative gross output, kWhr | 4,514,220 | 4,578,081 | 4,642,338 | 4,705,472 | 4,771,352 | 4,834,230 | 4,897,914 | 4,962,669 | 5,027,125 | 5,091,030 | 5,153,928 | 5,215,419 | 5,275,876 | 5,339,350 | 5,404,446 | 5,402,161 | |
| Cumulative heat rate, Btu/kWe gross LHV | 12,671 | 12,664 | 12,655 | 12,649 | 12,636 | 12,627 | 12,619 | 12,611 | 12,605 | 12,597 | 12,592 | 12,590 | 12,587 | 12,582 | 12,575 | 12,577 | |
| Cumulative heat rate, Btu/kWe gross HHV | 14,075 | 14,068 | 14,058 | 14,051 | 14,037 | 14,027 | 14,018 | 14,010 | 14,002 | 13,994 | 13,989 | 13,985 | 13,983 | 13,976 | 13,969 | 13,972 | |
| **Service** | | | | | | | | | | | | | | | | | |
| Engine 1 | Fix antifreeze leaks | | | Blown fuses | | | | | | | | | | | | | |
| Engine 2 | | | Replace 1 head, burnt valve | | | | | | | | | | | | | | |
| Engine 3 | | | Replace 1 head, coolant leak | | | | Change TecJet, valve lash adjusted | | | | | | | | | | |
| Engine 4 | | 4AM fuse blown | | | | | | | | | | | | | | | |
| Oil - oil and filter change | Ops meeting | | | | | | | | | | | | | | | | |
| Service - plugs, air filter, valve inspection and adjustr | | District starts to fabricate well pump system | | | | | | | | Wellfield balancing | | | | Heat rate testing | | | |
| | | | | | | | Rain Storm ---3" ---- Rain Storm | | | | | | | Rain Storm ------6" ---- Rain Storm | | | |

| NSTAR Power Reports | Tuesday | Wednesday | Thursday | Friday | Saturday | Sunday | Monday | Tuesday | Wednesday | Thursday | Friday | Saturday | Sunday | Monday | Tuesday | Wednesday | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Date | 3/16/2010 | 3/17/2010 | 3/18/2010 | 3/19/2010 | 3/20/2010 | 3/21/2010 | 3/22/2010 | 3/23/2010 | 3/24/2010 | 3/25/2010 | 3/26/2010 | 3/27/2010 | 3/28/2010 | 3/29/2010 | 3/30/2010 | 3/31/2010 | TOTAL |
| Hour | | | | | | | | | | | | | | | | | |
| 1 | 2,814 | 2,698 | 2,696 | 2,803 | 2,677 | 2,517 | 2,517 | 2,559 | 2,687 | 2,584 | 2,620 | 2,546 | 2,376 | 2,550 | 2,486 | 2,653 | |
| 2 | 2,814 | 2,696 | 2,693 | 2,802 | 2,672 | 2,227 | 2,516 | 2,558 | 2,689 | 2,588 | 2,619 | 2,546 | 2,372 | 2,552 | 2,488 | 2,642 | |
| 3 | 2,810 | 2,696 | 2,689 | 2,800 | 2,671 | 2,069 | 2,517 | 2,556 | 2,691 | 2,583 | 2,620 | 2,505 | 2,373 | 2,552 | 2,489 | 2,613 | |
| 4 | 2,810 | 2,696 | 2,696 | 2,799 | 2,664 | 2,323 | 2,516 | 2,554 | 2,680 | 2,589 | 2,619 | 2,497 | 2,373 | 2,551 | 2,488 | 2,610 | |
| 5 | 2,811 | 2,520 | 2,692 | 2,695 | 2,666 | 2,602 | 2,516 | 2,557 | 2,589 | 2,584 | 2,620 | 2,498 | 2,374 | 2,555 | 2,489 | 2,614 | |
| 6 | 2,814 | 1,872 | 2,694 | 2,660 | 2,664 | 2,608 | 2,513 | 2,557 | 2,592 | 2,584 | 2,620 | 2,499 | 2,375 | 2,555 | 2,487 | 2,610 | |
| 7 | 2,749 | 2,093 | 2,690 | 2,624 | 2,657 | 2,625 | 2,517 | 2,558 | 2,590 | 2,589 | 2,583 | 2,499 | 2,375 | 2,558 | 2,488 | 2,614 | |
| 8 | 2,608 | 2,346 | 2,691 | 2,626 | 2,663 | 2,642 | 2,518 | 2,560 | 2,594 | 2,585 | 2,523 | 2,499 | 2,375 | 2,518 | 2,490 | 2,613 | |
| 9 | 2,046 | 1,884 | 2,420 | 2,493 | 2,670 | 2,675 | 2,513 | 2,647 | 2,591 | 2,580 | 2,522 | 2,498 | 2,376 | 2,528 | 2,594 | 2,574 | |
| 10 | 2,753 | 1,426 | 2,343 | 2,595 | 2,702 | 2,674 | 2,478 | 2,733 | 2,587 | 2,506 | 2,520 | 2,502 | 2,379 | 2,569 | 2,767 | 2,571 | |
| 11 | 2,877 | 2,673 | 2,350 | 2,431 | 2,699 | 2,673 | 2,786 | 2,732 | 2,586 | 2,506 | 2,516 | 2,490 | 2,420 | 2,377 | 2,807 | 2,641 | |
| 12 | 2,867 | 2,809 | 2,363 | 2,588 | 2,698 | 2,668 | 2,701 | 2,732 | 2,587 | 2,507 | 2,521 | 2,472 | 2,558 | 2,924 | 2,841 | 2,654 | |
| 13 | 2,306 | 2,805 | 2,088 | 2,702 | 2,695 | 2,669 | 2,682 | 2,732 | 2,586 | 2,541 | 2,517 | 2,474 | 2,557 | 2,920 | 2,843 | 2,654 | |
| 14 | 2,082 | 2,805 | 2,114 | 2,661 | 2,695 | 2,669 | 2,657 | 2,684 | 2,586 | 2,615 | 2,536 | 2,475 | 2,556 | 2,916 | 2,822 | 2,518 | |
| 15 | 2,643 | 2,806 | 2,251 | 2,231 | 2,695 | 2,658 | 2,648 | 2,687 | 2,586 | 2,614 | 2,553 | 2,476 | 2,556 | 2,831 | 2,602 | 2,464 | |
| 16 | 2,836 | 2,806 | 2,379 | 1,982 | 2,695 | 2,660 | 2,557 | 2,690 | 2,590 | 2,616 | 2,551 | 2,475 | 2,555 | 2,522 | 2,656 | 2,467 | |
| 17 | 2,830 | 2,814 | 3,010 | 2,135 | 2,696 | 2,661 | 2,559 | 2,690 | 2,590 | 2,620 | 2,550 | 2,476 | 2,554 | 2,486 | 2,658 | 2,467 | |
| 18 | 2,832 | 2,827 | 2,985 | 2,323 | 2,696 | 2,659 | 2,559 | 2,691 | 2,590 | 2,621 | 2,550 | 2,471 | 2,550 | 2,487 | 2,658 | 2,467 | |
| 19 | 2,833 | 2,823 | 2,902 | 2,650 | 2,696 | 2,665 | 2,560 | 2,690 | 2,590 | 2,620 | 2,550 | 2,474 | 2,554 | 2,487 | 2,658 | 2,467 | |
| 20 | 2,819 | 2,818 | 2,890 | 2,650 | 2,695 | 2,628 | 2,559 | 2,687 | 2,589 | 2,621 | 2,547 | 2,388 | 2,549 | 2,486 | 2,657 | 2,466 | |
| 21 | 2,788 | 2,813 | 2,806 | 2,643 | 2,695 | 2,309 | 2,559 | 2,692 | 2,588 | 2,620 | 2,547 | 2,371 | 2,552 | 2,487 | 2,657 | 2,462 | |
| 22 | 2,786 | 2,810 | 2,805 | 2,638 | 2,696 | 2,397 | 2,559 | 2,691 | 2,588 | 2,620 | 2,546 | 2,372 | 2,546 | 2,487 | 2,657 | 2,466 | |
| 23 | 2,787 | 2,726 | 2,805 | 2,666 | 2,696 | 2,607 | 2,559 | 2,687 | 2,584 | 2,619 | 2,549 | 2,373 | 2,548 | 2,487 | 2,657 | 2,460 | |
| 24 | 2,710 | 2,696 | 2,804 | 2,679 | 2,696 | 2,578 | 2,555 | 2,690 | 2,588 | 2,618 | 2,548 | 2,376 | 2,545 | 2,486 | 2,656 | 2,465 | |
| TOTAL | 65,025 | 61,958 | 62,856 | 61,876 | 64,449 | 61,463 | 61,621 | 63,614 | 62,518 | 62,130 | 61,447 | 59,252 | 59,348 | 61,871 | 63,095 | 61,232 | |
| Cumulative Output Sold, kWhr | 978,550 | 1,040,508 | 1,103,364 | 1,165,240 | 1,229,689 | 1,291,152 | 1,352,773 | 1,416,387 | 1,478,905 | 1,541,035 | 1,602,482 | 1,661,734 | 1,721,082 | 1,782,953 | 1,846,048 | 1,907,280 | |
| Transformer and line efficiency | 100.4% | 99.0% | 99.9% | 100.4% | 100.1% | 100.1% | 98.9% | 100.3% | 99.1% | 99.5% | 99.9% | 98.6% | 100.4% | 99.7% | 99.0% | 99.7% | 0.0% |
| Hourly average | 2,709 | 2,582 | 2,619 | 2,578 | 2,685 | 2,561 | 2,568 | 2,651 | 2,605 | 2,589 | 2,560 | 2,469 | 2,473 | 2,578 | 2,629 | 2,551 | 2,567 |

| **APRIL 2010** | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CNBE Daily Reports Summary Data | | | | | | | | | | | | | | | |
| | Thursday | Friday | Saturday | Sunday | Monday | Tuesday | Wednesday | Thursday | Friday | Saturday | Sunday | Monday | Tuesday | Wednesday | Thursday |
| | 4/1/2010 | 4/2/2010 | 4/3/2010 | 4/4/2010 | 4/5/2010 | 4/6/2010 | 4/7/2010 | 4/8/2010 | 4/9/2010 | 4/10/2010 | 4/11/2010 | 4/12/2010 | 4/13/2010 | 4/14/2010 | 4/15/2010 |
| Landfill Gas Flow to the Engines (KSCF) | 1,588 | 1,605 | 1,595 | 1,570 | 1,558 | 1,458 | 1,534 | 1,562 | 1,621 | 1,594 | 1,572 | 1,517 | 1,552 | 1,600 | 1,606 |
| Landfill Gas Flow to the Engines (MMBTU HHV) | 831 | 824 | 829 | 817 | 824 | 793 | 829 | 848 | 841 | 827 | 812 | 790 | 818 | 826 | 828 |
| Landfill Gas Flow to the Flare (KSCF) | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Landfill Gas Flow to the Flare (MMBTU HHV) | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Landfill Gas Total Flow (KSCF) | 1,588 | 1,605 | 1,595 | 1,570 | 1,558 | 1,458 | 1,534 | 1,562 | 1,621 | 1,594 | 1,572 | 1,517 | 1,552 | 1,600 | 1,606 |
| Landfill Gas Total Flow (MMBTU HHV) | 831 | 824 | 829 | 817 | 824 | 793 | 829 | 848 | 841 | 827 | 812 | 790 | 818 | 826 | 828 |
| Average Methane Content (%) | 51.7 | 50.7 | 51.4 | 51.4 | 52.3 | 53.8 | 53.4 | 53.6 | 51.3 | 51.3 | 51.0 | 51.4 | 52.1 | 51.0 | 51.0 |
| Engine 1 Hours | 24 | 24 | 24 | 24 | 23 | 17 | 24 | 23 | 23 | 24 | 24 | 10 | 11 | 24 | 24 |
| Engine 2 Hours | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 |
| Engine 3 Hours | 24 | 24 | 24 | 24 | 24 | 19 | 10 | 10 | 23 | 24 | 24 | 24 | 24 | 24 | 24 |
| Engine 4 Hours | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 23 | 24 | 24 | 24 |
| Generator 1 Power Output (kWhr) | 15,472 | 16,286 | 16,743 | 16,681 | 16,344 | 11,229 | 17,251 | 17,952 | 16,541 | 19,608 | 19,472 | 7,586 | 6,501 | 18,431 | 18,862 |
| Generator 2 Power Output (kWhr) | 15,124 | 15,910 | 16,265 | 16,181 | 15,810 | 16,984 | 18,930 | 18,277 | 16,347 | 16,995 | 16,844 | 18,593 | 18,330 | 18,082 | 18,522 |
| Generator 3 Power Output (kWhr) | 15,145 | 12,499 | 10,620 | 10,574 | 9,872 | 6,075 | 2,986 | 5,897 | 8,730 | 4,644 | 4,600 | 11,629 | 13,327 | 6,021 | 4,601 |
| Generator 4 Power Output (kWhr) | 15,031 | 16,002 | 16,438 | 16,349 | 17,628 | 19,106 | 19,250 | 19,013 | 18,256 | 19,265 | 19,109 | 18,232 | 17,068 | 16,757 | 18,275 |
| Gross Power Output (kWhr) | 61,486 | 61,488 | 60,925 | 60,631 | 60,341 | 53,831 | 58,956 | 61,621 | 59,980 | 60,681 | 60,204 | 56,194 | 55,205 | 58,173 | 60,696 |
| Net Power Output (kWhr) | 60,164 | 60,127 | 59,619 | 59,324 | 59,021 | 52,633 | 57,442 | 60,201 | 58,572 | 59,403 | 58,867 | 55,020 | 53,933 | 56,776 | 59,285 |
| Power Sold as metered by NStar, (kWhr) | 60,071 | 59,997 | 59,280 | 59,297 | 59,090 | 53,264 | 57,340 | 59,875 | 59,441 | 60,277 | 60,223 | 55,534 | 54,727 | 58,166 | 60,564 |
| Offgrid RECs (kWhr) | 1,322 | 1,361 | 1,306 | 1,307 | 1,320 | 1,198 | 1,514 | 1,420 | 1,408 | 1,278 | 1,337 | 1,174 | 1,272 | 1,397 | 1,411 |
| **Calculated Performance Results** | | | | | | | | | | | | | | | |
| **Daily** | | | | | | | | | | | | | | | |
| Power output (kW average when running) | | | | | | | | | | | | | | | |
| Generator 1 | 645 | 679 | 698 | 695 | 711 | 661 | 719 | 781 | 719 | 817 | 811 | 759 | 591 | 768 | 786 |
| Generator 2 | 630 | 663 | 678 | 674 | 659 | 708 | 789 | 762 | 681 | 708 | 702 | 775 | 764 | 753 | 772 |
| Generator 3 | 631 | 521 | 443 | 441 | 411 | 320 | 299 | 590 | 380 | 194 | 192 | 485 | 555 | 251 | 192 |
| Generator 4 | 626 | 667 | 685 | 681 | 735 | 796 | 802 | 792 | 761 | 803 | 796 | 793 | 711 | 698 | 761 |
| Power output (kW average over 24-hrs) | | | | | | | | | | | | | | | |
| Facility Gross | 2,562 | 2,562 | 2,539 | 2,526 | 2,514 | 2,243 | 2,457 | 2,568 | 2,499 | 2,528 | 2,509 | 2,341 | 2,300 | 2,424 | 2,529 |
| Facility Net | 2,507 | 2,505 | 2,484 | 2,472 | 2,459 | 2,193 | 2,393 | 2,508 | 2,441 | 2,475 | 2,453 | 2,293 | 2,247 | 2,366 | 2,470 |
| In-plant load | 55 | 57 | 54 | 54 | 55 | 50 | 63 | 59 | 59 | 53 | 56 | 49 | 53 | 58 | 59 |
| Daily availability factor | | | | | | | | | | | | | | | |
| Facility | 100% | 100% | 100% | 100% | 99% | 88% | 85% | 84% | 98% | 100% | 100% | 84% | 86% | 100% | 100% |
| Engine 1 | 100% | 100% | 100% | 100% | 96% | 71% | 100% | 96% | 96% | 100% | 100% | 42% | 46% | 100% | 100% |
| Engine 2 | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% |
| Engine 3 | 100% | 100% | 100% | 100% | 100% | 79% | 42% | 42% | 96% | 100% | 100% | 100% | 100% | 100% | 100% |
| Engine 4 | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 96% | 100% | 100% | 100% |
| Daily capacity factor | | | | | | | | | | | | | | | |
| Facility | 78% | 78% | 77% | 77% | 76% | 68% | 74% | 78% | 76% | 77% | 76% | 71% | 70% | 73% | 77% |
| Engine 1 | 78% | 82% | 85% | 84% | 86% | 80% | 87% | 95% | 87% | 99% | 98% | 92% | 72% | 93% | 95% |
| Engine 2 | 76% | 80% | 82% | 82% | 80% | 86% | 96% | 92% | 83% | 86% | 85% | 94% | 93% | 91% | 94% |
| Engine 3 | 76% | 63% | 54% | 53% | 50% | 39% | 36% | 71% | 46% | 23% | 23% | 59% | 67% | 30% | 23% |
| Engine 4 | 76% | 81% | 83% | 83% | 89% | 96% | 97% | 96% | 92% | 97% | 97% | 96% | 86% | 85% | 92% |
| **Cumulative by engine** | | | | | | | | | | | | | | | |
| Engine operating run hours in the month | | | | | | | | | | | | | | | |
| Max Cumulative Available, hours | 24 | 48 | 72 | 96 | 120 | 144 | 168 | 192 | 216 | 240 | 264 | 288 | 312 | 336 | 360 |
| Engine 1 | 24 | 48 | 72 | 96 | 119 | 136 | 160 | 183 | 206 | 230 | 254 | 264 | 275 | 299 | 323 |
| Engine 2 | 24 | 48 | 72 | 96 | 120 | 144 | 168 | 192 | 216 | 240 | 264 | 288 | 312 | 336 | 360 |
| Engine 3 | 24 | 48 | 72 | 96 | 120 | 139 | 149 | 159 | 182 | 206 | 230 | 254 | 278 | 302 | 326 |
| Engine 4 | 24 | 48 | 72 | 96 | 120 | 144 | 168 | 192 | 216 | 240 | 264 | 287 | 311 | 335 | 359 |
| Engine operating run hours total from 0 hours | | | | | | | | | | | | | | | |
| Engine 1 | 37,405 | 37,429 | 37,453 | 37,477 | 37,500 | 37,517 | 37,541 | 37,564 | 37,587 | 37,611 | 37,635 | 37,645 | 37,656 | 37,680 | 37,704 |
| Engine 2 | 37,370 | 37,394 | 37,418 | 37,442 | 37,466 | 37,490 | 37,514 | 37,538 | 37,562 | 37,586 | 37,610 | 37,634 | 37,658 | 37,682 | 37,706 |
| Engine 3 | 36,938 | 36,962 | 36,986 | 37,010 | 37,034 | 37,053 | 37,063 | 37,073 | 37,096 | 37,120 | 37,144 | 37,168 | 37,192 | 37,216 | 37,240 |
| Engine 4 | 36,130 | 36,154 | 36,178 | 36,202 | 36,226 | 36,250 | 36,274 | 36,298 | 36,322 | 36,346 | 36,370 | 36,393 | 36,417 | 36,441 | 36,465 |
| Cumulative availability, % | | | | | | | | | | | | | | | |
| Engine 1 | 100% | 100% | 100% | 100% | 99% | 94% | 95% | 95% | 95% | 96% | 96% | 92% | 88% | 89% | 90% |
| Engine 2 | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% |
| Engine 3 | 100% | 100% | 100% | 100% | 100% | 97% | 89% | 83% | 84% | 86% | 87% | 88% | 89% | 90% | 91% |
| Engine 4 | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% |
| Engine cumulative gross output, kWhr | | | | | | | | | | | | | | | |
| Max cumulative capacity one engine | 825 | 1,650 | 2,475 | 3,300 | 4,125 | 4,950 | 5,775 | 6,600 | 7,425 | 8,250 | 9,075 | 9,900 | 10,725 | 11,550 | 12,375 |
| Engine 1 | 645 | 1,323 | 2,021 | 2,716 | 3,427 | 4,087 | 4,806 | 5,586 | 6,306 | 7,123 | 7,934 | 8,692 | 9,283 | 10,051 | 10,837 |
| Engine 2 | 630 | 1,293 | 1,971 | 2,645 | 3,304 | 4,011 | 4,800 | 5,562 | 6,243 | 6,951 | 7,653 | 8,428 | 9,191 | 9,945 | 10,716 |
| Engine 3 | 631 | 1,152 | 1,594 | 2,035 | 2,446 | 2,766 | 3,065 | 3,654 | 4,034 | 4,227 | 4,419 | 4,904 | 5,459 | 5,710 | 5,901 |
| Engine 4 | 626 | 1,293 | 1,978 | 2,659 | 3,394 | 4,190 | 4,992 | 5,784 | 6,545 | 7,347 | 8,144 | 8,936 | 9,647 | 10,346 | 11,107 |
| Cumulative capacity factor, % | | | | | | | | | | | | | | | |
| Engine 1 | 78% | 80% | 82% | 82% | 83% | 83% | 83% | 85% | 85% | 86% | 87% | 88% | 87% | 87% | 88% |
| Engine 2 | 76% | 78% | 80% | 80% | 80% | 81% | 83% | 84% | 84% | 84% | 84% | 85% | 86% | 86% | 87% |
| Engine 3 | 76% | 70% | 64% | 62% | 59% | 56% | 53% | 55% | 54% | 51% | 49% | 50% | 51% | 49% | 48% |
| Engine 4 | 76% | 78% | 80% | 81% | 82% | 85% | 86% | 88% | 88% | 89% | 90% | 90% | 90% | 90% | 90% |

| | Thursday | Friday | Saturday | Sunday | Monday | Tuesday | Wednesday | Thursday | Friday | Saturday | Sunday | Monday | Tuesday | Wednesday | Thursday |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 4/1/2010 | 4/2/2010 | 4/3/2010 | 4/4/2010 | 4/5/2010 | 4/6/2010 | 4/7/2010 | 4/8/2010 | 4/9/2010 | 4/10/2010 | 4/11/2010 | 4/12/2010 | 4/13/2010 | 4/14/2010 | 4/15/2010 |
| **Cumulative by Facility in month** | | | | | | | | | | | | | | | |
| Max cumulative available engine run hours | 96 | 192 | 288 | 384 | 480 | 576 | 672 | 768 | 864 | 960 | 1,056 | 1,152 | 1,248 | 1,344 | 1,440 |
| Actual cumulative engine run hours | 96 | 192 | 288 | 384 | 479 | 563 | 645 | 726 | 820 | 916 | 1,012 | 1,093 | 1,176 | 1,272 | 1,368 |
| Cumulative Availability, % | 100.0% | 100.0% | 100.0% | 100.0% | 99.8% | 97.7% | 96.0% | 94.5% | 94.9% | 95.4% | 95.8% | 94.9% | 94.2% | 94.6% | 95.0% |
| | | | | | | | | | | | | | | | |
| Max cumulative gross output, kWhr | 79,200 | 158,400 | 237,600 | 316,800 | 396,000 | 475,200 | 554,400 | 633,600 | 712,800 | 792,000 | 871,200 | 950,400 | 1,029,600 | 1,108,800 | 1,188,000 |
| Actual cumulative gross output, kWhr | 61,486 | 122,974 | 183,899 | 244,530 | 304,871 | 358,702 | 417,658 | 479,279 | 539,259 | 599,940 | 660,144 | 716,338 | 771,543 | 829,716 | 890,412 |
| Cumulative Capacity Factor | 77.6% | 77.6% | 77.4% | 77.2% | 77.0% | 75.5% | 75.3% | 75.6% | 75.7% | 75.8% | 75.8% | 75.4% | 74.9% | 74.8% | 75.0% |
| | | | | | | | | | | | | | | | |
| Cumulative fuel input, MMBtu HHV | 831 | 1,655 | 2,484 | 3,301 | 4,125 | 4,918 | 5,747 | 6,595 | 7,436 | 8,263 | 9,075 | 9,865 | 10,683 | 11,509 | 12,337 |
| Cumulative gross output, kWhr | 61,486 | 122,974 | 183,899 | 244,530 | 304,871 | 358,702 | 417,658 | 479,279 | 539,259 | 599,940 | 660,144 | 716,338 | 771,543 | 829,716 | 890,412 |
| | | | | | | | | | | | | | | | |
| **Heat Rate** | | | | | | | | | | | | | | | |
| Daily heat rate, Btu/kWe gross LHV | 12,166 | 12,064 | 12,249 | 12,130 | 12,293 | 13,261 | 12,658 | 12,388 | 12,622 | 12,268 | 12,141 | 12,655 | 13,339 | 12,782 | 12,280 |
| Daily heat rate, Btu/kWe gross HHV | 13,515 | 13,401 | 13,607 | 13,475 | 13,656 | 14,731 | 14,061 | 13,762 | 14,021 | 13,629 | 13,487 | 14,058 | 14,817 | 14,199 | 13,642 |
| | | | | | | | | | | | | | | | |
| Cumulative heat rate, Btu/kWe gross LHV | 12,166 | 12,115 | 12,159 | 12,152 | 12,180 | 12,342 | 12,387 | 12,387 | 12,413 | 12,398 | 12,375 | 12,397 | 12,464 | 12,487 | 12,473 |
| Cumulative heat rate, Btu/kWe gross HHV | 13,515 | 13,458 | 13,507 | 13,499 | 13,530 | 13,711 | 13,760 | 13,760 | 13,789 | 13,773 | 13,747 | 13,771 | 13,846 | 13,871 | 13,855 |
| | | | | | | | | | | | | | | | |
| **Cumulative by Facility starting Calendar Year** | | | | | | | | | | | | | | | |
| Max cumulative available engine run hours | 8,544 | 8,640 | 8,736 | 8,832 | 8,928 | 9,024 | 9,120 | 9,216 | 9,312 | 9,408 | 9,504 | 9,600 | 9,696 | 9,792 | 9,888 |
| Actual cumulative engine run hours | 8,221 | 8,317 | 8,413 | 8,509 | 8,604 | 8,688 | 8,770 | 8,851 | 8,945 | 9,041 | 9,137 | 9,218 | 9,301 | 9,397 | 9,493 |
| Cumulative Availability, % | 96.2% | 96.3% | 96.3% | 96.3% | 96.4% | 96.3% | 96.2% | 96.0% | 96.1% | 96.1% | 96.1% | 96.0% | 95.9% | 96.0% | 96.0% |
| | | | | | | | | | | | | | | | |
| Max cumulative gross output, kWhr | 7,048,800 | 7,128,000 | 7,207,200 | 7,286,400 | 7,365,600 | 7,444,800 | 7,524,000 | 7,603,200 | 7,682,400 | 7,761,600 | 7,840,800 | 7,920,000 | 7,999,200 | 8,078,400 | 8,157,600 |
| Actual cumulative gross output, kWhr | 5,463,647 | 5,525,135 | 5,586,060 | 5,646,691 | 5,707,032 | 5,760,863 | 5,819,819 | 5,881,440 | 5,941,420 | 6,002,101 | 6,062,305 | 6,118,499 | 6,173,704 | 6,231,877 | 6,292,573 |
| Cumulative Capacity Factor | 77.5% | 77.5% | 77.5% | 77.5% | 77.5% | 77.4% | 77.4% | 77.4% | 77.3% | 77.3% | 77.3% | 77.3% | 77.2% | 77.1% | 77.1% |
| | | | | | | | | | | | | | | | |
| Cumulative fuel input, MMBtu HHV | 76,309 | 77,133 | 77,962 | 78,779 | 79,603 | 80,396 | 81,225 | 82,073 | 82,914 | 83,741 | 84,553 | 85,343 | 86,161 | 86,987 | 87,815 |
| Cumulative gross output, kWhr | 5,463,647 | 5,525,135 | 5,586,060 | 5,646,691 | 5,707,032 | 5,760,863 | 5,819,819 | 5,881,440 | 5,941,420 | 6,002,101 | 6,062,305 | 6,118,499 | 6,173,704 | 6,231,877 | 6,292,573 |
| Cumulative heat rate, Btu/kWe gross LHV | 12,573 | 12,567 | 12,564 | 12,559 | 12,556 | 12,563 | 12,564 | 12,562 | 12,562 | 12,560 | 12,555 | 12,556 | 12,563 | 12,565 | 12,563 |
| Cumulative heat rate, Btu/kWe gross HHV | 13,967 | 13,960 | 13,957 | 13,951 | 13,948 | 13,956 | 13,957 | 13,955 | 13,955 | 13,952 | 13,947 | 13,948 | 13,956 | 13,958 | 13,955 |
| **Service** | | | | | | | | | | | | | | | |
| Engine 1 | 700 | | | | | Enginuity ICE system work | | | Fix waste gate | | | Service | Exhaust manifold leak fix | | |
| Engine 2 | 700 | | | | | | | | Adjust waste gas to open Proact throttle plate | | | | | | |
| Engine 3 | 450 | | | | | | | Heads replaced | Adjust waste gas to open Proact throttle plate | | | | | | |
| Engine 4 | 750 | | | | | | | 3,5,9,13,15 | | | | Service | | | |
| Oil - oil and filter change | 2600 | | | | | | | | | | | | | | |
| Service - plugs, air filter, valve inspection and adjustment | | | | | | | | | Operations meetin | | | | | | |
| | | | | | | | | | | | | | | | |
| NSTAR Power Reports | Thursday | Friday | Saturday | Sunday | Monday | Tuesday | Wednesday | Thursday | Friday | Saturday | Sunday | Monday | Tuesday | Wednesday | Thursday |
| Date | 4/1/2010 | 4/2/2010 | 4/3/2010 | 4/4/2010 | 4/5/2010 | 4/6/2010 | 4/7/2010 | 4/8/2010 | 4/9/2010 | 4/10/2010 | 4/11/2010 | 4/12/2010 | 4/13/2010 | 4/14/2010 | 4/15/2010 |
| Hour | | | | | | | | | | | | | | | |
| 1 | 2,461 | 2,558 | 2,472 | 2,472 | 2,472 | 2,495 | 2,263 | 2,431 | 2,516 | 2,515 | 2,503 | 2,512 | 2,094 | 2,120 | 2,609 |
| 2 | 2,465 | 2,562 | 2,471 | 2,472 | 2,473 | 2,495 | 1,941 | 2,431 | 2,506 | 2,513 | 2,509 | 2,505 | 2,076 | 2,121 | 2,608 |
| 3 | 2,461 | 2,558 | 2,471 | 2,472 | 2,473 | 2,495 | 2,300 | 2,430 | 2,491 | 2,512 | 2,513 | 2,510 | 2,069 | 2,173 | 2,604 |
| 4 | 2,465 | 2,563 | 2,467 | 2,473 | 2,472 | 2,497 | 2,529 | 2,431 | 2,527 | 2,510 | 2,512 | 2,509 | 2,068 | 2,153 | 2,607 |
| 5 | 2,461 | 2,559 | 2,471 | 2,473 | 2,471 | 2,499 | 2,518 | 2,431 | 2,525 | 2,502 | 2,511 | 2,504 | 2,066 | 2,108 | 2,608 |
| 6 | 2,465 | 2,509 | 2,468 | 2,474 | 2,471 | 2,498 | 2,524 | 2,431 | 2,505 | 2,499 | 2,512 | 2,498 | 2,069 | 2,109 | 2,604 |
| 7 | 2,466 | 2,509 | 2,471 | 2,474 | 2,471 | 2,500 | 2,536 | 2,432 | 2,478 | 2,502 | 2,513 | 2,508 | 2,070 | 2,113 | 2,608 |
| 8 | 2,444 | 2,505 | 2,473 | 2,475 | 2,473 | 2,504 | 2,543 | 2,433 | 2,450 | 2,513 | 2,513 | 2,513 | 2,103 | 2,111 | 2,608 |
| 9 | 2,419 | 2,507 | 2,472 | 2,475 | 2,245 | 2,363 | 2,225 | 2,429 | 2,452 | 2,516 | 2,506 | 2,498 | 2,186 | 2,101 | 2,554 |
| 10 | 2,443 | 2,506 | 2,471 | 2,475 | 2,243 | 1,719 | 2,279 | 2,427 | 2,428 | 2,517 | 2,514 | 2,073 | 2,254 | 2,564 | 2,474 |
| 11 | 2,467 | 2,605 | 2,469 | 2,473 | 2,616 | 1,513 | 2,245 | 2,425 | 2,402 | 2,515 | 2,513 | 2,186 | 2,258 | 2,607 | 2,473 |
| 12 | 2,494 | 2,439 | 2,466 | 2,469 | 2,622 | 1,537 | 2,404 | 2,424 | 2,355 | 2,515 | 2,510 | 1,860 | 2,258 | 2,606 | 2,473 |
| 13 | 2,500 | 2,468 | 2,466 | 2,467 | 2,544 | 1,718 | 2,414 | 2,421 | 2,264 | 2,515 | 2,510 | 1,631 | 2,257 | 2,605 | 2,472 |
| 14 | 2,509 | 2,464 | 2,466 | 2,466 | 2,519 | 1,382 | 2,410 | 2,421 | 2,344 | 2,516 | 2,511 | 2,310 | 2,259 | 2,604 | 2,474 |
| 15 | 2,498 | 2,465 | 2,467 | 2,467 | 2,076 | 1,769 | 2,410 | 2,505 | 2,567 | 2,515 | 2,510 | 2,308 | 2,395 | 2,604 | 2,477 |
| 16 | 2,557 | 2,466 | 2,466 | 2,466 | 2,491 | 1,901 | 2,411 | 2,794 | 2,512 | 2,516 | 2,509 | 2,312 | 2,589 | 2,608 | 2,479 |
| 17 | 2,561 | 2,465 | 2,468 | 2,465 | 2,494 | 1,740 | 2,415 | 2,628 | 2,515 | 2,516 | 2,509 | 2,307 | 2,542 | 2,608 | 2,478 |
| 18 | 2,562 | 2,467 | 2,470 | 2,466 | 2,498 | 1,670 | 2,417 | 2,608 | 2,516 | 2,516 | 2,510 | 2,307 | 2,536 | 2,608 | 2,479 |
| 19 | 2,563 | 2,469 | 2,472 | 2,467 | 2,494 | 2,264 | 2,420 | 2,607 | 2,516 | 2,507 | 2,510 | 2,310 | 2,536 | 2,608 | 2,481 |
| 20 | 2,563 | 2,470 | 2,473 | 2,468 | 2,493 | 2,779 | 2,422 | 2,597 | 2,515 | 2,516 | 2,495 | 2,317 | 2,538 | 2,607 | 2,480 |
| 21 | 2,562 | 2,471 | 2,473 | 2,470 | 2,491 | 2,734 | 2,427 | 2,537 | 2,515 | 2,506 | 2,508 | 2,310 | 2,535 | 2,609 | 2,478 |
| 22 | 2,562 | 2,471 | 2,472 | 2,472 | 2,494 | 2,740 | 2,428 | 2,527 | 2,516 | 2,509 | 2,507 | 2,312 | 2,530 | 2,607 | 2,480 |
| 23 | 2,561 | 2,470 | 2,472 | 2,473 | 2,499 | 2,735 | 2,428 | 2,526 | 2,513 | 2,503 | 2,511 | 2,311 | 2,242 | 2,608 | 2,478 |
| 24 | 2,562 | 2,471 | 2,473 | 2,473 | 2,495 | 2,717 | 2,431 | 2,549 | 2,513 | 2,513 | 2,504 | 2,123 | 2,197 | 2,604 | 2,478 |
| | | | | | | | | | | | | | | | |
| TOTAL | 60,071 | 59,997 | 59,280 | 59,297 | 59,090 | 53,264 | 57,340 | 59,875 | 59,441 | 60,277 | 60,223 | 55,534 | 54,727 | 58,166 | 60,564 |
| Cumulative Output Sold, kWhr | 60,071 | 120,068 | 179,348 | 238,645 | 297,735 | 350,999 | 408,339 | 468,214 | 527,655 | 587,932 | 648,155 | 703,689 | 758,416 | 816,582 | 877,146 |
| Transformer and line efficiency | 99.8% | 99.8% | 99.4% | 100.0% | 100.1% | 101.2% | 99.8% | 99.5% | 101.5% | 101.5% | 102.3% | 100.9% | 101.5% | 102.4% | 102.2% |
| Hourly average | 2,503 | 2,500 | 2,470 | 2,471 | 2,462 | 2,219 | 2,389 | 2,495 | 2,477 | 2,512 | 2,509 | 2,314 | 2,280 | 2,424 | 2,524 |

| **APRIL 2010** | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CNBE Daily Reports Summary Data | | | | | | | | | | | | | | | | |
| | Friday | Saturday | Sunday | Monday | Tuesday | Wednesday | Thursday | Friday | Saturday | Sunday | Monday | Tuesday | Wednesday | Thursday | Friday | |
| | 4/16/2010 | 4/17/2010 | 4/18/2010 | 4/19/2010 | 4/20/2010 | 4/21/2010 | 4/22/2010 | 4/23/2010 | 4/24/2010 | 4/25/2010 | 4/26/2010 | 4/27/2010 | 4/28/2010 | 4/29/2010 | 4/30/2010 | TOTAL |
| Landfill Gas Flow to the Engines (KSCF) | 1,602 | 1,576 | 1,591 | 1,514 | 1,376 | 1,363 | 1,364 | 1,526 | 1,643 | 1,572 | 1,575 | 1,580 | 1,608 | 1,589 | 1,604 | 46,615 |
| Landfill Gas Flow to the Engines (MMBTU HHV) | 823 | 827 | 828 | 792 | 746 | 757 | 762 | 840 | 842 | 826 | 831 | 831 | 835 | 807 | 806 | 24,490 |
| Landfill Gas Flow to the Flare (KSCF) | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Landfill Gas Flow to the Flare (MMBTU HHV) | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Landfill Gas Total Flow (KSCF) | 1,602 | 1,576 | 1,591 | 1,514 | 1,376 | 1,363 | 1,364 | 1,526 | 1,643 | 1,572 | 1,575 | 1,580 | 1,608 | 1,589 | 1,604 | 46,615 |
| Landfill Gas Total Flow (MMBTU HHV) | 823 | 827 | 828 | 792 | 746 | 757 | 762 | 840 | 842 | 826 | 831 | 831 | 835 | 807 | 806 | 24,490 |
| Average Methane Content (%) | 50.8 | 51.8 | 51.4 | 51.7 | 53.6 | 54.9 | 55.2 | 54.4 | 50.6 | 51.9 | 52.1 | 52.0 | 51.3 | 50.2 | 49.7 | 51.9 |
| Engine 1 Hours | 24 | 24 | 24 | 24 | 23 | 25 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 683 |
| Engine 2 Hours | 24 | 24 | 24 | 24 | 21 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 717 |
| Engine 3 Hours | 24 | 24 | 24 | 24 | - | - | - | 15 | 23 | 22 | 22 | 22 | 24 | 24 | 22 | 596 |
| Engine 4 Hours | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 23 | 25 | 24 | 24 | 24 | 24 | 24 | 24 | 719 |
| Generator 1 Power Output (kWhr) | 18,792 | 18,686 | 18,758 | 19,519 | 19,312 | 19,566 | 19,800 | 18,198 | 15,725 | 15,679 | 15,723 | 15,666 | 15,524 | 15,204 | 18,042 | 499,153 |
| Generator 2 Power Output (kWhr) | 18,376 | 18,207 | 18,250 | 17,886 | 13,816 | 14,744 | 14,046 | 16,081 | 15,295 | 15,275 | 15,288 | 15,115 | 15,205 | 14,961 | 15,292 | 495,031 |
| Generator 3 Power Output (kWhr) | 4,626 | 4,589 | 4,605 | 1,518 | - | - | - | 9,945 | 15,121 | 12,249 | 13,046 | 13,339 | 13,809 | 13,352 | 8,596 | 242,015 |
| Generator 4 Power Output (kWhr) | 18,249 | 18,201 | 18,290 | 19,221 | 19,017 | 19,234 | 19,532 | 17,875 | 16,359 | 16,390 | 16,341 | 16,042 | 15,554 | 15,253 | 17,793 | 529,130 |
| Gross Power Output (kWhr) | 60,178 | 59,576 | 60,107 | 58,574 | 52,396 | 53,618 | 53,797 | 62,701 | 62,636 | 59,988 | 60,599 | 60,424 | 60,714 | 58,982 | 60,253 | 1,774,955 |
| Net Power Output (kWhr) | 58,844 | 58,268 | 58,778 | 57,307 | 51,278 | 52,457 | 52,657 | 61,319 | 61,081 | 58,601 | 59,119 | 58,887 | 59,068 | 57,302 | 58,530 | 1,733,883 |
| Power Sold as metered by NStar, (kWhr) | 59,450 | 59,427 | 59,441 | 57,324 | 51,487 | 53,606 | 52,848 | 61,609 | 61,420 | 58,879 | 59,623 | 59,409 | 59,365 | 58,771 | 58,578 | 1,748,383 |
| Offgrid RECs (kWhr) | 1,334 | 1,308 | 1,329 | 1,267 | 1,118 | 1,161 | 1,140 | 1,382 | 1,555 | 1,387 | 1,480 | 1,537 | 1,646 | 1,680 | 1,723 | 41,072 |
| **Calculated Performance Results** | | | | | | | | | | | | | | | | |
| **Daily** | | | | | | | | | | | | | | | | |
| Power output (kW average when running) | | | | | | | | | | | | | | | | |
| Generator 1 | 783 | 779 | 782 | 813 | 840 | 783 | 825 | 758 | 655 | 653 | 655 | 653 | 647 | 634 | 752 | |
| Generator 2 | 766 | 759 | 760 | 745 | 658 | 614 | 585 | 670 | 637 | 636 | 637 | 630 | 634 | 623 | 637 | |
| Generator 3 | 193 | 191 | 192 | 63 | - | - | - | 663 | 657 | 557 | 593 | 606 | 575 | 556 | 391 | |
| Generator 4 | 760 | 758 | 762 | 801 | 792 | 801 | 814 | 777 | 654 | 683 | 681 | 668 | 648 | 636 | 741 | |
| Power output (kW average over 24-hrs) | | | | | | | | | | | | | | | | |
| Facility Gross | 2,507 | 2,482 | 2,504 | 2,441 | 2,183 | 2,234 | 2,242 | 2,613 | 2,610 | 2,500 | 2,525 | 2,518 | 2,530 | 2,458 | 2,511 | |
| Facility Net | 2,452 | 2,428 | 2,449 | 2,388 | 2,137 | 2,186 | 2,194 | 2,555 | 2,545 | 2,442 | 2,463 | 2,454 | 2,461 | 2,388 | 2,439 | |
| In-plant load | 56 | 55 | 55 | 53 | 47 | 48 | 48 | 58 | 65 | 58 | 62 | 64 | 69 | 70 | 72 | |
| Daily availability factor | | | | | | | | | | | | | | | | |
| Facility | 100% | 100% | 100% | 100% | 71% | 76% | 75% | 90% | 100% | 98% | 98% | 98% | 100% | 100% | 98% | |
| Engine 1 | 100% | 100% | 100% | 100% | 96% | 104% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | |
| Engine 2 | 100% | 100% | 100% | 100% | 88% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | |
| Engine 3 | 100% | 100% | 100% | 100% | 0% | 0% | 0% | 63% | 96% | 92% | 92% | 92% | 100% | 100% | 92% | |
| Engine 4 | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 96% | 104% | 100% | 100% | 100% | 100% | 100% | 100% | |
| Daily capacity factor | | | | | | | | | | | | | | | | |
| Facility | 76% | 75% | 76% | 74% | 66% | 68% | 68% | 79% | 79% | 76% | 77% | 76% | 77% | 74% | 76% | |
| Engine 1 | 95% | 94% | 95% | 99% | 102% | 95% | 100% | 92% | 79% | 79% | 79% | 79% | 78% | 77% | 91% | |
| Engine 2 | 93% | 92% | 92% | 90% | 80% | 74% | 71% | 81% | 77% | 77% | 77% | 76% | 77% | 76% | 77% | |
| Engine 3 | 23% | 23% | 23% | 8% | 0% | 0% | 0% | 80% | 80% | 67% | 72% | 73% | 70% | 67% | 47% | |
| Engine 4 | 92% | 92% | 92% | 97% | 96% | 97% | 99% | 94% | 79% | 83% | 83% | 81% | 79% | 77% | 90% | |
| **Cumulative by engine** | | | | | | | | | | | | | | | | |
| Engine operating run hours in the month | | | | | | | | | | | | | | | | |
| Max Cumulative Available, hours | 384 | 408 | 432 | 456 | 480 | 504 | 528 | 552 | 576 | 600 | 624 | 648 | 672 | 696 | 720 | |
| Engine 1 | 347 | 371 | 395 | 419 | 442 | 467 | 491 | 515 | 539 | 563 | 587 | 611 | 635 | 659 | 683 | |
| Engine 2 | 384 | 408 | 432 | 456 | 477 | 501 | 525 | 549 | 573 | 597 | 621 | 645 | 669 | 693 | 717 | |
| Engine 3 | 350 | 374 | 398 | 422 | 422 | 422 | 422 | 437 | 460 | 482 | 504 | 526 | 550 | 574 | 596 | |
| Engine 4 | 383 | 407 | 431 | 455 | 479 | 503 | 527 | 550 | 575 | 599 | 623 | 647 | 671 | 695 | 719 | |
| Engine operating run hours total from 0 hours | | | | | | | | | | | | | | | | |
| Engine 1 | 37,728 | 37,752 | 37,776 | 37,800 | 37,823 | 37,848 | 37,872 | 37,896 | 37,920 | 37,944 | 37,968 | 37,992 | 38,016 | 38,040 | 38,064 | |
| Engine 2 | 37,730 | 37,754 | 37,778 | 37,802 | 37,823 | 37,847 | 37,871 | 37,895 | 37,919 | 37,943 | 37,967 | 37,991 | 38,015 | 38,039 | 38,063 | |
| Engine 3 | 37,264 | 37,288 | 37,312 | 37,336 | 37,336 | 37,336 | 37,336 | 37,351 | 37,374 | 37,396 | 37,418 | 37,440 | 37,464 | 37,488 | 37,510 | |
| Engine 4 | 36,489 | 36,513 | 36,537 | 36,561 | 36,585 | 36,609 | 36,633 | 36,656 | 36,681 | 36,705 | 36,729 | 36,753 | 36,777 | 36,801 | 36,825 | |
| Cumulative availability, % | | | | | | | | | | | | | | | | |
| Engine 1 | 90% | 91% | 91% | 92% | 92% | 93% | 93% | 93% | 94% | 94% | 94% | 94% | 94% | 95% | 95% | |
| Engine 2 | 100% | 100% | 100% | 100% | 99% | 99% | 99% | 99% | 99% | 100% | 100% | 100% | 100% | 100% | 100% | |
| Engine 3 | 91% | 92% | 92% | 93% | 88% | 84% | 80% | 79% | 80% | 80% | 81% | 81% | 82% | 82% | 83% | |
| Engine 4 | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | |
| Engine cumulative gross output, kWhr | | | | | | | | | | | | | | | | |
| Max cumulative capacity one engine | 13,200 | 14,025 | 14,850 | 15,675 | 16,500 | 17,325 | 18,150 | 18,975 | 19,800 | 20,625 | 21,450 | 22,275 | 23,100 | 23,925 | 24,750 | |
| Engine 1 | 11,620 | 12,399 | 13,181 | 13,994 | 14,833 | 15,616 | 16,441 | 17,199 | 17,855 | 18,508 | 19,163 | 19,816 | 20,463 | 21,096 | 21,848 | |
| Engine 2 | 11,482 | 12,241 | 13,001 | 13,746 | 14,404 | 15,019 | 15,604 | 16,274 | 16,911 | 17,548 | 18,185 | 18,814 | 19,448 | 20,071 | 20,709 | |
| Engine 3 | 6,094 | 6,285 | 6,477 | 6,541 | 6,541 | 6,541 | 6,541 | 7,204 | 7,861 | 8,418 | 9,011 | 9,617 | 10,192 | 10,749 | 11,139 | |
| Engine 4 | 11,868 | 12,626 | 13,388 | 14,189 | 14,981 | 15,783 | 16,596 | 17,374 | 18,028 | 18,711 | 19,392 | 20,060 | 20,708 | 21,344 | 22,085 | |
| Cumulative capacity factor, % | | | | | | | | | | | | | | | | |
| Engine 1 | 88% | 88% | 89% | 89% | 90% | 90% | 91% | 91% | 90% | 90% | 89% | 89% | 89% | 88% | 88% | |
| Engine 2 | 87% | 87% | 88% | 88% | 87% | 87% | 86% | 86% | 85% | 85% | 85% | 84% | 84% | 84% | 84% | |
| Engine 3 | 46% | 45% | 44% | 42% | 40% | 38% | 36% | 38% | 40% | 41% | 42% | 43% | 44% | 45% | 45% | |
| Engine 4 | 90% | 90% | 90% | 91% | 91% | 91% | 91% | 92% | 91% | 91% | 90% | 90% | 90% | 89% | 89% | |

| | Friday | Saturday | Sunday | Monday | Tuesday | Wednesday | Thursday | Friday | Saturday | Sunday | Monday | Tuesday | Wednesday | Thursday | Friday | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 4/16/2010 | 4/17/2010 | 4/18/2010 | 4/19/2010 | 4/20/2010 | 4/21/2010 | 4/22/2010 | 4/23/2010 | 4/24/2010 | 4/25/2010 | 4/26/2010 | 4/27/2010 | 4/28/2010 | 4/29/2010 | 4/30/2010 | TOTAL |
| **Cumulative by Facility in month** | | | | | | | | | | | | | | | | |
| Max cumulative available engine run hours | 1,536 | 1,632 | 1,728 | 1,824 | 1,920 | 2,016 | 2,112 | 2,208 | 2,304 | 2,400 | 2,496 | 2,592 | 2,688 | 2,784 | 2,880 | |
| Actual cumulative engine run hours | 1,464 | 1,560 | 1,656 | 1,752 | 1,820 | 1,893 | 1,965 | 2,051 | 2,147 | 2,241 | 2,335 | 2,429 | 2,525 | 2,621 | 2,715 | |
| Cumulative Availability, % | 95.3% | 95.6% | 95.8% | 96.1% | 94.8% | 93.9% | 93.0% | 92.9% | 93.2% | 93.4% | 93.5% | 93.7% | 93.9% | 94.1% | 94.3% | |
| Max cumulative gross output, kWhr | 1,267,200 | 1,346,400 | 1,425,600 | 1,504,800 | 1,584,000 | 1,663,200 | 1,742,400 | 1,821,600 | 1,900,800 | 1,980,000 | 2,059,200 | 2,138,400 | 2,217,600 | 2,296,800 | 2,376,000 | |
| Actual cumulative gross output, kWhr | 950,590 | 1,010,166 | 1,070,273 | 1,128,847 | 1,181,243 | 1,234,861 | 1,288,658 | 1,351,359 | 1,413,995 | 1,473,983 | 1,534,582 | 1,595,006 | 1,655,720 | 1,714,702 | 1,774,955 | |
| Cumulative Capacity Factor | 75.0% | 75.0% | 75.1% | 75.0% | 74.6% | 74.2% | 74.0% | 74.2% | 74.4% | 74.4% | 74.5% | 74.6% | 74.7% | 74.7% | 74.7% | |
| Cumulative fuel input, MMBtu HHV | 13,160 | 13,987 | 14,815 | 15,607 | 16,353 | 17,110 | 17,872 | 18,712 | 19,554 | 20,380 | 21,211 | 22,042 | 22,877 | 23,684 | 24,490 | |
| Cumulative gross output, kWhr | 950,590 | 1,010,166 | 1,070,273 | 1,128,847 | 1,181,243 | 1,234,861 | 1,288,658 | 1,351,359 | 1,413,995 | 1,473,983 | 1,534,582 | 1,595,006 | 1,655,720 | 1,714,702 | 1,774,955 | |
| **Heat Rate** | | | | | | | | | | | | | | | | |
| Daily heat rate, Btu/kWe gross LHV | 12,311 | 12,496 | 12,401 | 12,172 | 12,817 | 12,709 | 12,751 | 12,060 | 12,101 | 12,395 | 12,344 | 12,380 | 12,380 | 12,317 | 12,042 | |
| Daily heat rate, Btu/kWe gross HHV | 13,676 | 13,881 | 13,775 | 13,521 | 14,238 | 14,118 | 14,164 | 13,397 | 13,443 | 13,769 | 13,713 | 13,753 | 13,753 | 13,682 | 13,377 | |
| Cumulative heat rate, Btu/kWe gross LHV | 12,462 | 12,464 | 12,461 | 12,446 | 12,462 | 12,473 | 12,485 | 12,465 | 12,449 | 12,447 | 12,443 | 12,440 | 12,438 | 12,434 | 12,421 | |
| Cumulative heat rate, Btu/kWe gross HHV | 13,844 | 13,846 | 13,842 | 13,826 | 13,844 | 13,856 | 13,869 | 13,847 | 13,829 | 13,826 | 13,822 | 13,819 | 13,817 | 13,812 | 13,798 | |
| **Cumulative by Facility starting Calendar Year** | | | | | | | | | | | | | | | | |
| Max cumulative available engine run hours | 9,984 | 10,080 | 10,176 | 10,272 | 10,368 | 10,464 | 10,560 | 10,656 | 10,752 | 10,848 | 10,944 | 11,040 | 11,136 | 11,232 | 11,328 | |
| Actual cumulative engine run hours | 9,589 | 9,685 | 9,781 | 9,877 | 9,945 | 10,018 | 10,090 | 10,176 | 10,272 | 10,366 | 10,460 | 10,554 | 10,650 | 10,746 | 10,840 | |
| Cumulative Availability, % | 96.0% | 96.1% | 96.1% | 96.2% | 95.9% | 95.7% | 95.5% | 95.5% | 95.5% | 95.6% | 95.6% | 95.6% | 95.6% | 95.7% | 95.7% | |
| Max cumulative gross output, kWhr | 8,236,800 | 8,316,000 | 8,395,200 | 8,474,400 | 8,553,600 | 8,632,800 | 8,712,000 | 8,791,200 | 8,870,400 | 8,949,600 | 9,028,800 | 9,108,000 | 9,187,200 | 9,266,400 | 9,345,600 | |
| Actual cumulative gross output, kWhr | 6,352,751 | 6,412,327 | 6,472,434 | 6,531,008 | 6,583,404 | 6,637,022 | 6,690,819 | 6,753,520 | 6,816,156 | 6,876,144 | 6,936,743 | 6,997,167 | 7,057,881 | 7,116,863 | 7,177,116 | |
| Cumulative Capacity Factor | 77.1% | 77.1% | 77.1% | 77.1% | 77.0% | 76.9% | 76.8% | 76.8% | 76.8% | 76.8% | 76.8% | 76.8% | 76.8% | 76.8% | 76.8% | |
| Cumulative fuel input, MMBtu HHV | 88,638 | 89,465 | 90,293 | 91,085 | 91,831 | 92,588 | 93,350 | 94,190 | 95,032 | 95,858 | 96,689 | 97,520 | 98,355 | 99,162 | 99,968 | |
| Cumulative gross output, kWhr | 6,352,751 | 6,412,327 | 6,472,434 | 6,531,008 | 6,583,404 | 6,637,022 | 6,690,819 | 6,753,520 | 6,816,156 | 6,876,144 | 6,936,743 | 6,997,167 | 7,057,881 | 7,116,863 | 7,177,116 | |
| Cumulative heat rate, Btu/kWe gross LHV | 12,560 | 12,560 | 12,558 | 12,555 | 12,557 | 12,558 | 12,560 | 12,555 | 12,551 | 12,549 | 12,548 | 12,546 | 12,545 | 12,543 | 12,539 | |
| Cumulative heat rate, Btu/kWe gross HHV | 13,953 | 13,952 | 13,950 | 13,947 | 13,949 | 13,950 | 13,952 | 13,947 | 13,942 | 13,941 | 13,939 | 13,937 | 13,935 | 13,933 | 13,929 | |
| **Service** | | | | | | | | | | | | | | | | |
| Engine 1 | | | | | | | | | | | | | | | | |
| Engine 2 | | | | | Turbo failure | | | | | | | | | | | |
| Engine 3 | | | | In-Frame Overhaul ---------- | | | | Commence operation | | | | | | | | |
| Engine 4 | | | | | | | | | | | | | | | | |
| Oil - oil and filter change | | | | | NStar required | | | | | | District pumping commencement | | | | | |
| Service - plugs, air filter, valve inspection and adjus | | | | | lower of load | | | | | | Well 29 40ft, 8 gpm | | | | | |
| NSTAR Power Reports | Friday | Saturday | Sunday | Monday | Tuesday | Wednesday | Thursday | Friday | Saturday | Sunday | Monday | Tuesday | Wednesday | Thursday | Friday | |
| Date | 4/16/2010 | 4/17/2010 | 4/18/2010 | 4/19/2010 | 4/20/2010 | 4/21/2010 | 4/22/2010 | 4/23/2010 | 4/24/2010 | 4/25/2010 | 4/26/2010 | 4/27/2010 | 4/28/2010 | 4/29/2010 | 4/30/2010 | TOTAL |
| Hour | | | | | | | | | | | | | | | | |
| 1 | 2,479 | 2,476 | 2,475 | 2,475 | 2,347 | 2,149 | 2,152 | 2,320 | 2,661 | 2,537 | 2,488 | 2,479 | 2,481 | 2,459 | 2,444 | |
| 2 | 2,479 | 2,476 | 2,477 | 2,473 | 2,348 | 2,149 | 2,155 | 2,322 | 2,663 | 2,536 | 2,488 | 2,481 | 2,479 | 2,458 | 2,445 | |
| 3 | 2,479 | 2,476 | 2,478 | 2,474 | 2,355 | 2,148 | 2,155 | 2,322 | 2,660 | 2,536 | 2,488 | 2,480 | 2,480 | 2,458 | 2,444 | |
| 4 | 2,479 | 2,474 | 2,477 | 2,474 | 2,354 | 2,148 | 2,157 | 2,323 | 2,638 | 2,536 | 2,487 | 2,481 | 2,480 | 2,457 | 2,445 | |
| 5 | 2,479 | 2,475 | 2,478 | 2,475 | 2,355 | 2,148 | 2,155 | 2,323 | 2,630 | 2,535 | 2,488 | 2,481 | 2,479 | 2,453 | 2,337 | |
| 6 | 2,479 | 2,475 | 2,477 | 2,475 | 2,354 | 2,147 | 2,155 | 2,323 | 2,631 | 2,535 | 2,488 | 2,481 | 2,481 | 2,451 | 2,204 | |
| 7 | 2,480 | 2,476 | 2,479 | 2,475 | 2,355 | 2,149 | 2,153 | 2,325 | 2,584 | 2,536 | 2,489 | 2,482 | 2,481 | 2,453 | 2,446 | |
| 8 | 2,481 | 2,477 | 2,479 | 2,470 | 2,355 | 2,148 | 2,156 | 2,323 | 2,527 | 2,425 | 2,489 | 2,483 | 2,481 | 2,452 | 2,445 | |
| 9 | 2,477 | 2,477 | 2,479 | 2,384 | 2,351 | 2,204 | 1,847 | 2,325 | 2,584 | 1,950 | 2,486 | 2,400 | 2,477 | 2,441 | 2,393 | |
| 10 | 2,475 | 2,477 | 2,478 | 2,386 | 2,369 | 2,247 | 1,958 | 2,616 | 2,614 | 1,995 | 2,486 | 2,418 | 2,477 | 2,436 | 2,314 | |
| 11 | 2,475 | 2,477 | 2,477 | 2,346 | 2,374 | 2,267 | 2,121 | 2,748 | 2,632 | 2,407 | 2,486 | 2,478 | 2,478 | 2,442 | 2,359 | |
| 12 | 2,474 | 2,477 | 2,474 | 2,324 | 2,378 | 2,317 | 2,179 | 2,774 | 2,630 | 2,491 | 2,486 | 2,478 | 2,478 | 2,443 | 2,391 | |
| 13 | 2,474 | 2,477 | 2,477 | 2,324 | 2,380 | 2,346 | 2,208 | 2,781 | 2,630 | 2,488 | 2,485 | 2,480 | 2,471 | 2,446 | 2,365 | |
| 14 | 2,474 | 2,477 | 2,476 | 2,327 | 1,700 | 2,359 | 2,218 | 2,780 | 2,627 | 2,486 | 2,480 | 2,481 | 2,473 | 2,444 | 2,326 | |
| 15 | 2,474 | 2,477 | 2,477 | 2,327 | 1,171 | 2,369 | 2,233 | 2,762 | 2,630 | 2,486 | 2,476 | 2,481 | 2,473 | 2,449 | 2,522 | |
| 16 | 2,478 | 2,477 | 2,477 | 2,331 | 1,583 | 2,375 | 2,290 | 2,733 | 2,631 | 2,489 | 2,481 | 2,483 | 2,482 | 2,449 | 2,528 | |
| 17 | 2,478 | 2,477 | 2,477 | 2,344 | 1,591 | 2,372 | 2,308 | 2,734 | 2,630 | 2,489 | 2,483 | 2,485 | 2,476 | 2,449 | 2,528 | |
| 18 | 2,478 | 2,477 | 2,477 | 2,352 | 1,902 | 2,372 | 2,320 | 2,731 | 2,631 | 2,490 | 2,483 | 2,484 | 2,474 | 2,451 | 2,527 | |
| 19 | 2,477 | 2,477 | 2,477 | 2,354 | 2,138 | 2,369 | 2,320 | 2,686 | 2,628 | 2,489 | 2,482 | 2,484 | 2,469 | 2,450 | 2,529 | |
| 20 | 2,477 | 2,468 | 2,476 | 2,353 | 2,146 | 2,220 | 2,324 | 2,685 | 2,617 | 2,489 | 2,482 | 2,484 | 2,464 | 2,449 | 2,526 | |
| 21 | 2,477 | 2,477 | 2,475 | 2,353 | 2,141 | 2,156 | 2,323 | 2,678 | 2,596 | 2,489 | 2,481 | 2,483 | 2,459 | 2,447 | 2,519 | |
| 22 | 2,476 | 2,477 | 2,475 | 2,341 | 2,143 | 2,149 | 2,321 | 2,668 | 2,002 | 2,488 | 2,482 | 2,482 | 2,458 | 2,446 | 2,512 | |
| 23 | 2,476 | 2,477 | 2,475 | 2,341 | 2,148 | 2,150 | 2,320 | 2,663 | 1,945 | 2,488 | 2,481 | 2,481 | 2,458 | 2,445 | 2,514 | |
| 24 | 2,475 | 2,476 | 2,474 | 2,346 | 2,149 | 2,148 | 2,320 | 2,664 | 2,399 | 2,489 | 2,478 | 2,479 | 2,456 | 2,443 | 2,515 | |
| TOTAL | 59,450 | 59,427 | 59,441 | 57,324 | 51,487 | 53,606 | 52,848 | 61,609 | 61,420 | 58,879 | 59,623 | 59,409 | 59,365 | 58,771 | 58,578 | |
| Cumulative Output Sold, kWhr | 936,596 | 996,023 | 1,055,464 | 1,112,788 | 1,164,275 | 1,217,881 | 1,270,729 | 1,332,338 | 1,393,758 | 1,452,637 | 1,512,260 | 1,571,669 | 1,631,034 | 1,689,805 | 1,748,383 | |
| Transformer and line efficiency | 101.0% | 102.0% | 101.1% | 100.0% | 100.4% | 102.2% | 100.4% | 100.5% | 100.6% | 100.5% | 100.9% | 100.9% | 100.5% | 102.6% | 100.1% | 0.0% |
| Hourly average | 2,477 | 2,476 | 2,477 | 2,389 | 2,145 | 2,234 | 2,202 | 2,567 | 2,559 | 2,453 | 2,484 | 2,475 | 2,474 | 2,449 | 2,441 | 2,428 |

| **MAY 2010** | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CNBE Daily Reports Summary Data | | | | | | | | | | | | | | | | |
| | Saturday | Sunday | Monday | Tuesday | Wednesday | Thursday | Friday | Saturday | Sunday | Monday | Tuesday | Wednesday | Thursday | Friday | Saturday |
| | 5/1/2010 | 5/2/2010 | 5/3/2010 | 5/4/2010 | 5/5/2010 | 5/6/2010 | 5/7/2010 | 5/8/2010 | 5/9/2010 | 5/10/2010 | 5/11/2010 | 5/12/2010 | 5/13/2010 | 5/14/2010 | 5/15/2010 |
| Landfill Gas Flow to the Engines (KSCF) | 1,552 | 1,476 | 1,566 | 1,575 | 1,494 | 1,587 | 1,568 | 1,501 | 1,543 | 1,506 | 1,479 | 1,250 | 1,327 | 1,206 | 1,483 |
| Landfill Gas Flow to the Engines (MMBTU HHV) | 781 | 777 | 805 | 805 | 767 | 822 | 812 | 804 | 817 | 793 | 791 | 701 | 793 | 720 | 840 |
| Landfill Gas Flow to the Flare (KSCF) | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Landfill Gas Flow to the Flare (MMBTU HHV) | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Landfill Gas Total Flow (KSCF) | 1,552 | 1,476 | 1,566 | 1,575 | 1,494 | 1,587 | 1,568 | 1,501 | 1,543 | 1,506 | 1,479 | 1,250 | 1,327 | 1,206 | 1,483 |
| Landfill Gas Total Flow (MMBTU HHV) | 781 | 777 | 805 | 805 | 767 | 822 | 812 | 804 | 817 | 793 | 791 | 701 | 793 | 720 | 840 |
| Average Methane Content (%) | 49.7 | 52.0 | 50.8 | 50.5 | 50.7 | 51.2 | 51.2 | 52.9 | 52.3 | 52.0 | 52.8 | 55.4 | 59.0 | 59.0 | 56.0 |
| Engine 1 Hours | 24 | 24 | 24 | 24 | 22 | 24 | 24 | 24 | 24 | 24 | 24 | 8 | - | 13 | 24 |
| Engine 2 Hours | 24 | 17 | 24 | 24 | 23 | 24 | 24 | 24 | 24 | 8 | 1 | 12 | 24 | 24 | 24 |
| Engine 3 Hours | 24 | 24 | 23 | 24 | 21 | 24 | 24 | 24 | 24 | 24 | 24 | 9 | 3 | 11 | 24 |
| Engine 4 Hours | 24 | 24 | 24 | 24 | 23 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 |
| Generator 1 Power Output (kWhr) | 16,478 | 15,093 | 15,308 | 15,464 | 16,066 | 17,160 | 15,573 | 14,877 | 14,774 | 18,024 | 19,728 | 6,909 | - | 7,922 | 14,900 |
| Generator 2 Power Output (kWhr) | 14,854 | 6,452 | 10,250 | 14,155 | 11,946 | 12,778 | 12,733 | 12,503 | 12,468 | 3,914 | - | 9,096 | 27,673 | 17,395 | 11,615 |
| Generator 3 Power Output (kWhr) | 6,999 | 14,940 | 15,775 | 13,464 | 10,750 | 13,740 | 14,915 | 14,617 | 14,815 | 16,700 | 17,579 | 6,190 | 263 | 7,207 | 16,753 |
| Generator 4 Power Output (kWhr) | 19,439 | 19,055 | 17,651 | 15,529 | 15,874 | 16,658 | 15,279 | 14,683 | 14,942 | 17,491 | 18,809 | 19,036 | 27,765 | 18,339 | 16,861 |
| Gross Power Output (kWhr) | 58,145 | 55,575 | 59,642 | 59,544 | 55,548 | 61,188 | 59,320 | 57,300 | 57,411 | 56,171 | 56,293 | 41,314 | 56,182 | 50,989 | 60,031 |
| Net Power Output (kWhr) | 56,516 | 54,048 | 57,949 | 57,847 | 53,988 | 59,503 | 57,767 | 55,974 | 56,100 | 54,900 | 55,044 | 40,323 | 54,811 | 49,746 | 58,504 |
| Power Sold as metered by NStar, (kWhr) | 57,306 | 55,487 | 58,099 | 57,754 | 54,193 | 59,652 | 57,878 | 57,380 | 56,771 | 55,538 | 55,931 | 41,033 | 36,602 | 50,715 | 59,706 |
| Offgrid RECs (kWhr) | 1,629 | 1,527 | 1,693 | 1,697 | 1,560 | 1,685 | 1,553 | 1,326 | 1,311 | 1,271 | 1,249 | 991 | 1,371 | 1,243 | 1,527 |
| **Calculated Performance Results** | | | | | | | | | | | | | | | |
| **Daily** | | | | | | | | | | | | | | | |
| Power output (kW average when running) | | | | | | | | | | | | | | | |
| Generator 1 | 687 | 629 | 638 | 644 | 730 | 715 | 649 | 620 | 616 | 751 | 822 | 864 | - | 609 | 621 |
| Generator 2 | 619 | 380 | 427 | 590 | 519 | 532 | 531 | 521 | 520 | 489 | - | 758 | 1,153 | 725 | 484 |
| Generator 3 | 292 | 623 | 686 | 561 | 512 | 573 | 621 | 609 | 617 | 696 | 732 | 688 | 88 | 655 | 698 |
| Generator 4 | 810 | 794 | 735 | 647 | 690 | 694 | 637 | 612 | 623 | 729 | 784 | 793 | 1,157 | 764 | 703 |
| Power output (kW average over 24-hrs) | | | | | | | | | | | | | | | |
| Facility Gross | 2,423 | 2,316 | 2,485 | 2,481 | 2,315 | 2,550 | 2,472 | 2,388 | 2,392 | 2,340 | 2,346 | 1,721 | 2,341 | 2,125 | 2,501 |
| Facility Net | 2,355 | 2,252 | 2,415 | 2,410 | 2,250 | 2,479 | 2,407 | 2,332 | 2,338 | 2,288 | 2,294 | 1,680 | 2,284 | 2,073 | 2,438 |
| In-plant load | 68 | 64 | 71 | 71 | 65 | 70 | 65 | 55 | 55 | 53 | 52 | 41 | 57 | 52 | 64 |
| Daily availability factor | | | | | | | | | | | | | | | |
| Facility | 100% | 93% | 99% | 100% | 93% | 100% | 100% | 100% | 100% | 83% | 76% | 55% | 53% | 75% | 100% |
| Engine 1 | 100% | 100% | 100% | 100% | 92% | 100% | 100% | 100% | 100% | 100% | 100% | 33% | 0% | 54% | 100% |
| Engine 2 | 100% | 71% | 100% | 100% | 96% | 100% | 100% | 100% | 100% | 33% | 4% | 50% | 100% | 100% | 100% |
| Engine 3 | 100% | 100% | 96% | 100% | 88% | 100% | 100% | 100% | 100% | 100% | 100% | 38% | 13% | 46% | 100% |
| Engine 4 | 100% | 100% | 100% | 100% | 96% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% |
| Daily capacity factor | | | | | | | | | | | | | | | |
| Facility | 73% | 70% | 75% | 75% | 70% | 77% | 75% | 72% | 72% | 71% | 71% | 52% | 71% | 64% | 76% |
| Engine 1 | 83% | 76% | 77% | 78% | 89% | 87% | 79% | 75% | 75% | 91% | 100% | 105% | 0% | 74% | 75% |
| Engine 2 | 75% | 46% | 52% | 71% | 63% | 65% | 64% | 63% | 63% | 59% | 0% | 92% | 140% | 88% | 59% |
| Engine 3 | 35% | 75% | 83% | 68% | 62% | 69% | 75% | 74% | 75% | 84% | 89% | 83% | 11% | 79% | 85% |
| Engine 4 | 98% | 96% | 89% | 78% | 84% | 84% | 77% | 74% | 75% | 88% | 95% | 96% | 140% | 93% | 85% |
| **Cumulative by engine** | | | | | | | | | | | | | | | |
| Engine operating run hours in the month | | | | | | | | | | | | | | | |
| Max Cumulative Available, hours | 24 | 48 | 72 | 96 | 120 | 144 | 168 | 192 | 216 | 240 | 264 | 288 | 312 | 336 | 360 |
| Engine 1 | 24 | 48 | 72 | 96 | 118 | 142 | 166 | 190 | 214 | 238 | 262 | 270 | 270 | 283 | 307 |
| Engine 2 | 24 | 41 | 65 | 89 | 112 | 136 | 160 | 184 | 208 | 216 | 217 | 229 | 253 | 277 | 301 |
| Engine 3 | 24 | 48 | 71 | 95 | 116 | 140 | 164 | 188 | 212 | 236 | 260 | 269 | 272 | 283 | 307 |
| Engine 4 | 24 | 48 | 72 | 96 | 119 | 143 | 167 | 191 | 215 | 239 | 263 | 287 | 311 | 335 | 359 |
| Engine operating run hours total from 0 hours | | | | | | | | | | | | | | | |
| Engine 1 | 38,088 | 38,112 | 38,136 | 38,160 | 38,182 | 38,206 | 38,230 | 38,254 | 38,278 | 38,302 | 38,326 | 38,334 | 38,334 | 38,347 | 38,371 |
| Engine 2 | 38,087 | 38,104 | 38,128 | 38,152 | 38,175 | 38,199 | 38,223 | 38,247 | 38,271 | 38,279 | 38,280 | 38,292 | 38,316 | 38,340 | 38,364 |
| Engine 3 | 37,534 | 37,558 | 37,581 | 37,605 | 37,626 | 37,650 | 37,674 | 37,698 | 37,722 | 37,746 | 37,770 | 37,779 | 37,782 | 37,793 | 37,817 |
| Engine 4 | 36,849 | 36,873 | 36,897 | 36,921 | 36,944 | 36,968 | 36,992 | 37,016 | 37,040 | 37,064 | 37,088 | 37,112 | 37,136 | 37,160 | 37,184 |
| Cumulative availability, % | | | | | | | | | | | | | | | |
| Engine 1 | 100% | 100% | 100% | 100% | 98% | 99% | 99% | 99% | 99% | 99% | 99% | 94% | 87% | 84% | 85% |
| Engine 2 | 100% | 85% | 90% | 93% | 93% | 94% | 95% | 96% | 96% | 90% | 82% | 80% | 81% | 82% | 84% |
| Engine 3 | 100% | 100% | 99% | 99% | 97% | 97% | 98% | 98% | 98% | 98% | 98% | 93% | 87% | 84% | 85% |
| Engine 4 | 100% | 100% | 100% | 100% | 99% | 99% | 99% | 99% | 100% | 100% | 100% | 100% | 100% | 100% | 100% |
| Engine cumulative gross output, kWhr | | | | | | | | | | | | | | | |
| Max cumulative capacity one engine | 825 | 1,650 | 2,475 | 3,300 | 4,125 | 4,950 | 5,775 | 6,600 | 7,425 | 8,250 | 9,075 | 9,900 | 10,725 | 11,550 | 12,375 |
| Engine 1 | 687 | 1,315 | 1,953 | 2,598 | 3,328 | 4,043 | 4,692 | 5,312 | 5,927 | 6,678 | 7,500 | 8,364 | 8,364 | 8,973 | 9,594 |
| Engine 2 | 619 | 998 | 1,426 | 2,015 | 2,535 | 3,067 | 3,598 | 4,119 | 4,638 | 5,127 | 5,127 | 5,885 | 7,038 | 7,763 | 8,247 |
| Engine 3 | 292 | 914 | 1,600 | 2,161 | 2,673 | 3,245 | 3,867 | 4,476 | 5,093 | 5,789 | 6,521 | 7,209 | 7,297 | 7,952 | 8,650 |
| Engine 4 | 810 | 1,604 | 2,339 | 2,986 | 3,677 | 4,371 | 5,007 | 5,619 | 6,242 | 6,970 | 7,754 | 8,547 | 9,704 | 10,468 | 11,171 |
| Cumulative capacity factor, % | | | | | | | | | | | | | | | |
| Engine 1 | 83% | 80% | 79% | 79% | 81% | 82% | 81% | 80% | 80% | 81% | 83% | 84% | 78% | 78% | 78% |
| Engine 2 | 75% | 61% | 58% | 61% | 61% | 62% | 62% | 62% | 62% | 62% | 57% | 59% | 66% | 67% | 67% |
| Engine 3 | 35% | 55% | 65% | 65% | 65% | 66% | 67% | 68% | 69% | 70% | 72% | 73% | 68% | 69% | 70% |
| Engine 4 | 98% | 97% | 95% | 90% | 89% | 88% | 87% | 85% | 84% | 84% | 85% | 86% | 90% | 91% | 90% |

| | Saturday | Sunday | Monday | Tuesday | Wednesday | Thursday | Friday | Saturday | Sunday | Monday | Tuesday | Wednesday | Thursday | Friday | Saturday |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 5/1/2010 | 5/2/2010 | 5/3/2010 | 5/4/2010 | 5/5/2010 | 5/6/2010 | 5/7/2010 | 5/8/2010 | 5/9/2010 | 5/10/2010 | 5/11/2010 | 5/12/2010 | 5/13/2010 | 5/14/2010 | 5/15/2010 |
| **Cumulative by Facility in month** | | | | | | | | | | | | | | | |
| Max cumulative available engine run hours | 96 | 192 | 288 | 384 | 480 | 576 | 672 | 768 | 864 | 960 | 1,056 | 1,152 | 1,248 | 1,344 | 1,440 |
| Actual cumulative engine run hours | 96 | 185 | 280 | 376 | 465 | 561 | 657 | 753 | 849 | 929 | 1,002 | 1,055 | 1,106 | 1,178 | 1,274 |
| Cumulative Availability, % | 100.0% | 96.4% | 97.2% | 97.9% | 96.9% | 97.4% | 97.8% | 98.0% | 98.3% | 96.8% | 94.9% | 91.6% | 88.6% | 87.6% | 88.5% |
| Max cumulative gross output, kWhr | 79,200 | 158,400 | 237,600 | 316,800 | 396,000 | 475,200 | 554,400 | 633,600 | 712,800 | 792,000 | 871,200 | 950,400 | 1,029,600 | 1,108,800 | 1,188,000 |
| Actual cumulative gross output, kWhr | 58,145 | 113,720 | 173,362 | 232,906 | 288,454 | 349,642 | 408,962 | 466,262 | 523,673 | 579,844 | 636,137 | 677,451 | 733,633 | 784,622 | 844,653 |
| Cumulative Capacity Factor | 73.4% | 71.8% | 73.0% | 73.5% | 72.8% | 73.6% | 73.8% | 73.6% | 73.5% | 73.2% | 73.0% | 71.3% | 71.3% | 70.8% | 71.1% |
| Cumulative fuel input, MMBtu HHV | 781 | 1,558 | 2,363 | 3,168 | 3,935 | 4,757 | 5,569 | 6,373 | 7,190 | 7,983 | 8,774 | 9,475 | 10,268 | 10,988 | 11,828 |
| Cumulative gross output, kWhr | 58,145 | 113,720 | 173,362 | 232,906 | 288,454 | 349,642 | 408,962 | 466,262 | 523,673 | 579,844 | 636,137 | 677,451 | 733,633 | 784,622 | 844,653 |
| **Heat Rate** | | | | | | | | | | | | | | | |
| Daily heat rate, Btu/kWe gross LHV | 12,091 | 12,586 | 12,150 | 12,170 | 12,430 | 12,093 | 12,322 | 12,631 | 12,810 | 12,709 | 12,649 | 15,274 | 12,706 | 12,711 | 12,596 |
| Daily heat rate, Btu/kWe gross HHV | 13,432 | 13,981 | 13,497 | 13,519 | 13,808 | 13,434 | 13,688 | 14,031 | 14,231 | 14,118 | 14,051 | 16,968 | 14,115 | 14,121 | 13,993 |
| Cumulative heat rate, Btu/kWe gross LHV | 12,091 | 12,333 | 12,270 | 12,245 | 12,280 | 12,247 | 12,258 | 12,304 | 12,360 | 12,393 | 12,416 | 12,590 | 12,599 | 12,607 | 12,606 |
| Cumulative heat rate, Btu/kWe gross HHV | 13,432 | 13,700 | 13,630 | 13,602 | 13,642 | 13,605 | 13,617 | 13,668 | 13,730 | 13,767 | 13,793 | 13,986 | 13,996 | 14,004 | 14,003 |
| **Cumulative by Facility starting Calendar Year** | | | | | | | | | | | | | | | |
| Max cumulative available engine run hours | 11,424 | 11,520 | 11,616 | 11,712 | 11,808 | 11,904 | 12,000 | 12,096 | 12,192 | 12,288 | 12,384 | 12,480 | 12,576 | 12,672 | 12,768 |
| Actual cumulative engine run hours | 10,936 | 11,025 | 11,120 | 11,216 | 11,305 | 11,401 | 11,497 | 11,593 | 11,689 | 11,769 | 11,842 | 11,895 | 11,946 | 12,018 | 12,114 |
| Cumulative Availability, % | 95.7% | 95.7% | 95.7% | 95.8% | 95.7% | 95.8% | 95.8% | 95.8% | 95.9% | 95.8% | 95.6% | 95.3% | 95.0% | 94.8% | 94.9% |
| Max cumulative gross output, kWhr | 9,424,800 | 9,504,000 | 9,583,200 | 9,662,400 | 9,741,600 | 9,820,800 | 9,900,000 | 9,979,200 | 10,058,400 | 10,137,600 | 10,216,800 | 10,296,000 | 10,375,200 | 10,454,400 | 10,533,600 |
| Actual cumulative gross output, kWhr | 7,235,261 | 7,290,836 | 7,350,478 | 7,410,022 | 7,465,570 | 7,526,758 | 7,586,078 | 7,643,378 | 7,700,789 | 7,756,960 | 7,813,253 | 7,854,567 | 7,910,749 | 7,961,738 | 8,021,769 |
| Cumulative Capacity Factor | 76.8% | 76.7% | 76.7% | 76.7% | 76.6% | 76.6% | 76.6% | 76.6% | 76.6% | 76.5% | 76.5% | 76.3% | 76.2% | 76.2% | 76.2% |
| Cumulative fuel input, MMBtu HHV | 100,749 | 101,526 | 102,331 | 103,136 | 103,903 | 104,725 | 105,537 | 106,341 | 107,158 | 107,951 | 108,742 | 109,443 | 110,236 | 110,956 | 111,796 |
| Cumulative gross output, kWhr | 7,235,261 | 7,290,836 | 7,350,478 | 7,410,022 | 7,465,570 | 7,526,758 | 7,586,078 | 7,643,378 | 7,700,789 | 7,756,960 | 7,813,253 | 7,854,567 | 7,910,749 | 7,961,738 | 8,021,769 |
| Cumulative heat rate, Btu/kWe gross LHV | 12,535 | 12,535 | 12,532 | 12,529 | 12,529 | 12,525 | 12,523 | 12,524 | 12,526 | 12,528 | 12,529 | 12,543 | 12,544 | 12,545 | 12,546 |
| Cumulative heat rate, Btu/kWe gross HHV | 13,925 | 13,925 | 13,922 | 13,918 | 13,918 | 13,914 | 13,912 | 13,913 | 13,915 | 13,917 | 13,918 | 13,934 | 13,935 | 13,936 | 13,937 |
| **Service** | | | | | | | | | | | | | | | |
| Engine 1 | | | | | | | | | | | | Overhaul (Minor)---------- | | Restart | |
| Engine 2 | | | | | | | | | | Overhaul (Minor)---------- | | Restart | | | |
| Engine 3 | | | | | | | | | | | Enginuity fuel system---------- | | | | |
| Engine 4 | | | | | | | | | | | | | | | |
| Oil - oil and filter change | | | | District tune | Ground short on blower shut | | Operations meeting | | | | | | | | |
| Service - plugs, air filter, valve inspection and adjustment | | | | wellfield | down facility twice | | | | | | | | | | |

| NSTAR Power Reports | Saturday | Sunday | Monday | Tuesday | Wednesday | Thursday | Friday | Saturday | Sunday | Monday | Tuesday | Wednesday | Thursday | Friday | Saturday |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Date | 5/1/2010 | 5/2/2010 | 5/3/2010 | 5/4/2010 | 5/5/2010 | 5/6/2010 | 5/7/2010 | 5/8/2010 | 5/9/2010 | 5/10/2010 | 5/11/2010 | 5/12/2010 | 5/13/2010 | 5/14/2010 | 5/15/2010 |
| Hour | | | | | | | | | | | | | | | |
| 1 | 2,524 | 1,722 | 2,465 | 2,430 | 2,395 | 2,572 | 2,465 | 2,387 | 2,394 | 2,311 | 2,359 | 2,336 | 1,588 | 1,580 | 2,626 |
| 2 | 2,529 | 1,725 | 2,461 | 2,429 | 2,395 | 2,572 | 2,464 | 2,387 | 2,395 | 2,311 | 2,362 | 2,340 | 1,590 | 1,579 | 2,622 |
| 3 | 2,529 | 1,726 | 2,445 | 2,433 | 2,393 | 2,573 | 2,466 | 2,391 | 2,392 | 2,314 | 2,361 | 2,342 | 1,591 | 1,576 | 2,620 |
| 4 | 2,528 | 1,726 | 2,443 | 2,436 | 2,392 | 2,572 | 2,464 | 2,393 | 2,386 | 2,316 | 2,361 | 2,347 | 1,592 | 1,579 | 2,614 |
| 5 | 2,528 | 1,726 | 2,444 | 2,432 | 2,388 | 2,572 | 2,463 | 2,392 | 2,385 | 2,315 | 2,361 | 2,349 | 1,591 | 1,580 | 2,608 |
| 6 | 2,389 | 1,726 | 2,442 | 2,432 | 897 | 2,572 | 2,465 | 2,391 | 2,382 | 2,315 | 2,361 | 2,349 | 1,592 | 1,580 | 2,589 |
| 7 | 2,356 | 2,343 | 2,448 | 2,423 | - | 2,573 | 2,466 | 2,392 | 2,379 | 2,312 | 2,354 | 2,353 | 1,592 | 1,580 | 2,576 |
| 8 | 2,357 | 2,574 | 2,459 | 2,389 | 1,888 | 2,571 | 2,463 | 2,392 | 2,377 | 2,308 | 2,341 | 2,351 | 1,589 | 1,582 | 2,536 |
| 9 | 2,357 | 2,555 | 2,255 | 2,388 | 2,541 | 2,506 | 2,407 | 2,393 | 2,378 | 2,177 | 2,327 | 1,740 | 1,584 | 1,578 | 2,460 |
| 10 | 2,357 | 2,562 | 1,986 | 2,388 | 2,542 | 2,386 | 2,380 | 2,388 | 2,378 | 2,281 | 2,317 | 953 | 1,345 | 1,581 | 2,464 |
| 11 | 2,359 | 2,543 | 2,512 | 2,389 | 1,209 | 2,385 | 2,382 | 2,388 | 2,380 | 2,299 | 2,315 | 754 | 92 | 1,769 | 2,461 |
| 12 | 2,356 | 2,539 | 2,482 | 2,393 | 2,060 | 2,383 | 2,380 | 2,392 | 2,380 | 2,300 | 2,320 | 757 | 1,583 | 1,586 | 2,463 |
| 13 | 2,354 | 2,528 | 2,440 | 2,394 | 2,549 | 2,383 | 2,381 | 2,392 | 2,380 | 2,294 | 2,315 | 953 | 1,576 | 2,376 | 2,463 |
| 14 | 2,350 | 2,532 | 2,438 | 2,397 | 2,612 | 2,385 | 2,379 | 2,391 | 2,381 | 2,289 | 2,313 | 1,359 | 1,578 | 2,456 | 2,462 |
| 15 | 2,351 | 2,528 | 2,437 | 2,403 | 2,623 | 2,485 | 2,383 | 2,390 | 2,379 | 2,328 | 2,313 | 1,499 | 1,578 | 2,555 | 2,452 |
| 16 | 2,356 | 2,531 | 2,439 | 2,412 | 2,629 | 2,462 | 2,383 | 2,390 | 2,377 | 2,328 | 2,300 | 1,569 | 1,577 | 2,541 | 2,445 |
| 17 | 2,358 | 2,513 | 2,443 | 2,409 | 2,619 | 2,462 | 2,384 | 2,389 | 2,377 | 2,322 | 2,297 | 1,571 | 1,680 | 2,619 | 2,446 |
| 18 | 2,360 | 2,492 | 2,442 | 2,404 | 2,582 | 2,463 | 2,383 | 2,389 | 2,372 | 2,332 | 2,314 | 1,573 | 1,778 | 2,765 | 2,437 |
| 19 | 2,359 | 2,486 | 2,441 | 2,402 | 2,590 | 2,463 | 2,386 | 2,390 | 2,341 | 2,321 | 2,315 | 1,591 | 1,605 | 2,853 | 2,431 |
| 20 | 2,361 | 2,492 | 2,442 | 2,395 | 2,601 | 2,463 | 2,387 | 2,391 | 2,317 | 2,334 | 2,317 | 1,592 | 1,583 | 2,841 | 2,423 |
| 21 | 2,356 | 2,494 | 2,440 | 2,397 | 2,572 | 2,463 | 2,387 | 2,391 | 2,314 | 2,359 | 2,325 | 1,590 | 1,582 | 2,679 | 2,394 |
| 22 | 2,362 | 2,482 | 2,433 | 2,394 | 2,572 | 2,463 | 2,387 | 2,394 | 2,310 | 2,355 | 2,327 | 1,589 | 1,580 | 2,628 | 2,382 |
| 23 | 2,360 | 2,473 | 2,431 | 2,392 | 2,572 | 2,462 | 2,386 | 2,394 | 2,308 | 2,359 | 2,327 | 1,587 | 1,578 | 2,627 | 2,369 |
| 24 | 2,210 | 2,469 | 2,431 | 2,393 | 2,572 | 2,461 | 2,387 | 2,393 | 2,309 | 2,358 | 2,329 | 1,589 | 1,578 | 2,625 | 2,363 |
| TOTAL | 57,306 | 55,487 | 58,099 | 57,754 | 54,193 | 59,652 | 57,878 | 57,380 | 56,771 | 55,538 | 55,931 | 41,033 | 36,602 | 50,715 | 59,706 |
| Cumulative Output Sold, kWhr | 57,306 | 112,793 | 170,892 | 228,646 | 282,839 | 342,491 | 400,369 | 457,749 | 514,520 | 570,058 | 625,989 | 667,022 | 703,624 | 754,339 | 814,045 |
| Transformer and line efficiency | 101.4% | 102.7% | 100.3% | 99.8% | 100.4% | 100.3% | 100.2% | 102.5% | 101.2% | 101.2% | 101.6% | 101.8% | 66.8% | 101.9% | 102.1% |
| Hourly average | 2,388 | 2,312 | 2,421 | 2,406 | 2,258 | 2,486 | 2,412 | 2,391 | 2,365 | 2,314 | 2,330 | 1,710 | 1,525 | 2,113 | 2,488 |

| **MAY 2010** | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CNBE Daily Reports Summary Data | | | | | | | | | | | | | | | | | | |
| | Sunday | Monday | Tuesday | Wednesday | Thursday | Friday | Saturday | Sunday | Monday | Tuesday | Wednesday | Thursday | Friday | Saturday | Sunday | Monday | |
| | 5/16/2010 | 5/17/2010 | 5/18/2010 | 5/19/2010 | 5/20/2010 | 5/21/2010 | 5/22/2010 | 5/23/2010 | 5/24/2010 | 5/25/2010 | 5/26/2010 | 5/27/2010 | 5/28/2010 | 5/29/2010 | 5/30/2010 | 5/31/2010 | TOTAL |
| Landfill Gas Flow to the Engines (KSCF) | 1,496 | 1,429 | 1,526 | 1,621 | 1,549 | 1,588 | 1,602 | 1,606 | 1,578 | 1,499 | 1,537 | 1,504 | 1,539 | 1,580 | 1,519 | 1,471 | 46,757 |
| Landfill Gas Flow to the Engines (MMBTU HHV) | 802 | 766 | 811 | 829 | 787 | 784 | 781 | 777 | 768 | 764 | 796 | 775 | 805 | 817 | 787 | 767 | 24,444 |
| Landfill Gas Flow to the Flare (KSCF) | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Landfill Gas Flow to the Flare (MMBTU HHV) | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Landfill Gas Total Flow (KSCF) | 1,496 | 1,429 | 1,526 | 1,621 | 1,549 | 1,588 | 1,602 | 1,606 | 1,578 | 1,499 | 1,537 | 1,504 | 1,539 | 1,580 | 1,519 | 1,471 | 46,757 |
| Landfill Gas Total Flow (MMBTU HHV) | 802 | 766 | 811 | 829 | 787 | 784 | 781 | 777 | 768 | 764 | 796 | 775 | 805 | 817 | 787 | 767 | 24,444 |
| Average Methane Content (%) | 53.0 | 53.0 | 52.5 | 50.5 | 50.2 | 48.8 | 48.2 | 47.8 | 48.1 | 50.4 | 51.2 | 50.9 | 51.7 | 51.1 | 51.2 | 51.5 | 51.7 |
| Engine 1 Hours | 24 | 24 | 24 | 24 | 23 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 690 |
| Engine 2 Hours | 24 | 14 | 14 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 665 |
| Engine 3 Hours | 24 | 23 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 23 | 24 | 24 | 24 | 24 | 24 | 24 | 689 |
| Engine 4 Hours | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 9 | 14 | 24 | 11 | 13 | 24 | 20 | - | 666 |
| Generator 1 Power Output (kWhr) | 13,916 | 15,571 | 17,254 | 16,440 | 14,085 | 15,217 | 15,014 | 15,062 | 18,151 | 16,787 | 15,042 | 17,534 | 17,629 | 15,750 | 15,793 | 19,848 | 467,369 |
| Generator 2 Power Output (kWhr) | 11,725 | 7,042 | 8,708 | 15,023 | 14,551 | 14,855 | 14,675 | 14,697 | 17,870 | 16,485 | 15,073 | 17,482 | 16,919 | 14,207 | 14,537 | 19,424 | 411,105 |
| Generator 3 Power Output (kWhr) | 15,179 | 15,255 | 18,217 | 17,119 | 15,795 | 15,829 | 15,429 | 15,438 | 18,793 | 16,377 | 16,078 | 18,328 | 18,006 | 16,224 | 16,325 | 19,922 | 453,021 |
| Generator 4 Power Output (kWhr) | 17,009 | 17,200 | 16,655 | 14,926 | 14,692 | 14,439 | 14,681 | 14,737 | 5,501 | 8,899 | 14,890 | 6,262 | 7,798 | 13,337 | 11,468 | - | 459,905 |
| Gross Power Output (kWhr) | 57,766 | 55,279 | 61,340 | 64,279 | 59,691 | 61,033 | 60,322 | 60,553 | 60,919 | 59,055 | 61,598 | 60,232 | 60,944 | 59,942 | 58,586 | 59,815 | 1,806,007 |
| Net Power Output (kWhr) | 56,211 | 53,766 | 59,909 | 62,760 | 58,152 | 59,334 | 58,628 | 58,817 | 59,221 | 57,414 | 59,853 | 58,678 | 59,383 | 58,307 | 56,986 | 58,381 | 1,758,820 |
| Power Sold as metered by NStar, (kWhr) | 56,857 | 54,169 | 60,423 | 63,071 | 58,569 | 59,918 | 59,083 | 59,017 | 58,823 | 58,741 | 60,057 | 59,417 | 58,739 | 57,563 | 56,315 | 57,576 | 1,752,383 |
| Offgrid RECs (kWhr) | 1,555 | 1,513 | 1,431 | 1,519 | 1,539 | 1,699 | 1,694 | 1,736 | 1,698 | 1,641 | 1,745 | 1,554 | 1,561 | 1,635 | 1,600 | 1,434 | 47,187 |
| **Calculated Performance Results** | | | | | | | | | | | | | | | | | |
| **Daily** | | | | | | | | | | | | 1,044 | | | | | |
| Power output (kW average when running) | | | | | | | | | | | | | | | | | |
| Generator 1 | 580 | 649 | 719 | 685 | 612 | 634 | 626 | 628 | 756 | 699 | 627 | 731 | 735 | 656 | 658 | 827 | |
| Generator 2 | 489 | 503 | 622 | 626 | 606 | 619 | 611 | 612 | 745 | 687 | 628 | 728 | 705 | 592 | 606 | 809 | |
| Generator 3 | 632 | 663 | 759 | 713 | 658 | 660 | 643 | 643 | 783 | 712 | 670 | 764 | 750 | 676 | 680 | 830 | |
| Generator 4 | 709 | 717 | 694 | 622 | 612 | 602 | 612 | 614 | 611 | 636 | 620 | 569 | 600 | 556 | 573 | - | |
| Power output (kW average over 24-hrs) | | | | | | | | | | | | | | | | | |
| Facility Gross | 2,407 | 2,303 | 2,556 | 2,678 | 2,487 | 2,543 | 2,513 | 2,523 | 2,538 | 2,461 | 2,567 | 2,510 | 2,539 | 2,498 | 2,441 | 2,492 | |
| Facility Net | 2,342 | 2,240 | 2,496 | 2,615 | 2,423 | 2,472 | 2,443 | 2,451 | 2,468 | 2,392 | 2,494 | 2,445 | 2,474 | 2,429 | 2,374 | 2,433 | |
| In-plant load | 65 | 63 | 60 | 63 | 64 | 71 | 71 | 72 | 71 | 68 | 73 | 65 | 65 | 68 | 67 | 60 | |
| Daily availability factor | | | | | | | | | | | | | | | | | |
| Facility | 100% | 89% | 90% | 100% | 99% | 100% | 100% | 100% | 84% | 89% | 100% | 86% | 89% | 100% | 96% | 75% | |
| Engine 1 | 100% | 100% | 100% | 100% | 96% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | |
| Engine 2 | 100% | 58% | 58% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | |
| Engine 3 | 100% | 96% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 96% | 100% | 100% | 100% | 100% | 100% | 100% | |
| Engine 4 | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 38% | 58% | 100% | 46% | 54% | 100% | 83% | 0% | |
| Daily capacity factor | | | | | | | | | | | | | | | | | |
| Facility | 73% | 70% | 77% | 81% | 75% | 77% | 76% | 76% | 77% | 75% | 78% | 76% | 77% | 76% | 74% | 76% | |
| Engine 1 | 70% | 79% | 87% | 83% | 74% | 77% | 76% | 76% | 92% | 85% | 76% | 89% | 89% | 80% | 80% | 100% | |
| Engine 2 | 59% | 61% | 75% | 76% | 73% | 75% | 74% | 74% | 90% | 83% | 76% | 88% | 85% | 72% | 73% | 98% | |
| Engine 3 | 77% | 80% | 92% | 86% | 80% | 80% | 78% | 78% | 95% | 86% | 81% | 93% | 91% | 82% | 82% | 101% | |
| Engine 4 | 86% | 87% | 84% | 75% | 74% | 73% | 74% | 74% | 74% | 77% | 75% | 69% | 73% | 67% | 70% | 0% | |
| **Cumulative by engine** | | | | | | | | | | | | | | | | | |
| Engine operating run hours in the month | | | | | | | | | | | | | | | | | |
| Max Cumulative Available, hours | 384 | 408 | 432 | 456 | 480 | 504 | 528 | 552 | 576 | 600 | 624 | 648 | 672 | 696 | 720 | 744 | |
| Engine 1 | 331 | 355 | 379 | 403 | 426 | 450 | 474 | 498 | 522 | 546 | 570 | 594 | 618 | 642 | 666 | 690 | |
| Engine 2 | 325 | 339 | 353 | 377 | 401 | 425 | 449 | 473 | 497 | 521 | 545 | 569 | 593 | 617 | 641 | 665 | |
| Engine 3 | 331 | 354 | 378 | 402 | 426 | 450 | 474 | 498 | 522 | 545 | 569 | 593 | 617 | 641 | 665 | 689 | |
| Engine 4 | 383 | 407 | 431 | 455 | 479 | 503 | 527 | 551 | 560 | 574 | 598 | 609 | 622 | 646 | 666 | 666 | |
| Engine operating run hours total from 0 hours | | | | | | | | | | | | | | | | | |
| Engine 1 | 38,395 | 38,419 | 38,443 | 38,467 | 38,490 | 38,514 | 38,538 | 38,562 | 38,586 | 38,610 | 38,634 | 38,658 | 38,682 | 38,706 | 38,730 | 38,754 | |
| Engine 2 | 38,388 | 38,402 | 38,416 | 38,440 | 38,464 | 38,488 | 38,512 | 38,536 | 38,560 | 38,584 | 38,608 | 38,632 | 38,656 | 38,680 | 38,704 | 38,728 | |
| Engine 3 | 37,841 | 37,864 | 37,888 | 37,912 | 37,936 | 37,960 | 37,984 | 38,008 | 38,032 | 38,055 | 38,079 | 38,103 | 38,127 | 38,151 | 38,175 | 38,199 | |
| Engine 4 | 37,208 | 37,232 | 37,256 | 37,280 | 37,304 | 37,328 | 37,352 | 37,376 | 37,385 | 37,399 | 37,423 | 37,434 | 37,447 | 37,471 | 37,491 | 37,491 | |
| Cumulative availability, % | | | | | | | | | | | | | | | | | |
| Engine 1 | 86% | 87% | 88% | 88% | 89% | 89% | 90% | 90% | 91% | 91% | 91% | 92% | 92% | 92% | 93% | 93% | |
| Engine 2 | 85% | 83% | 82% | 83% | 84% | 84% | 85% | 86% | 86% | 87% | 87% | 88% | 88% | 89% | 89% | 89% | |
| Engine 3 | 86% | 87% | 88% | 88% | 89% | 89% | 90% | 90% | 91% | 91% | 91% | 92% | 92% | 92% | 92% | 93% | |
| Engine 4 | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 97% | 96% | 96% | 94% | 93% | 93% | 93% | 90% | |
| Engine cumulative gross output, kWhr | | | | | | | | | | | | | | | | | |
| Max cumulative capacity one engine | 13,200 | 14,025 | 14,850 | 15,675 | 16,500 | 17,325 | 18,150 | 18,975 | 19,800 | 20,625 | 21,450 | 22,275 | 23,100 | 23,925 | 24,750 | 25,575 | |
| Engine 1 | 10,174 | 10,823 | 11,542 | 12,227 | 12,839 | 13,473 | 14,099 | 14,726 | 15,483 | 16,182 | 16,809 | 17,539 | 18,274 | 18,930 | 19,588 | 20,415 | |
| Engine 2 | 8,736 | 9,239 | 9,861 | 10,487 | 11,093 | 11,712 | 12,323 | 12,936 | 13,680 | 14,367 | 14,995 | 15,724 | 16,429 | 17,021 | 17,626 | 18,436 | |
| Engine 3 | 9,283 | 9,946 | 10,705 | 11,418 | 12,076 | 12,736 | 13,379 | 14,022 | 14,805 | 15,517 | 16,187 | 16,951 | 17,701 | 18,377 | 19,057 | 19,887 | |
| Engine 4 | 11,880 | 12,596 | 13,290 | 13,912 | 14,524 | 15,126 | 15,738 | 16,352 | 16,963 | 17,599 | 18,219 | 18,788 | 19,388 | 19,944 | 20,517 | 20,517 | |
| Cumulative capacity factor, % | | | | | | | | | | | | | | | | | |
| Engine 1 | 77% | 77% | 78% | 78% | 78% | 78% | 78% | 78% | 78% | 78% | 78% | 79% | 79% | 79% | 79% | 80% | |
| Engine 2 | 66% | 66% | 66% | 67% | 67% | 68% | 68% | 68% | 69% | 70% | 70% | 71% | 71% | 71% | 71% | 72% | |
| Engine 3 | 70% | 71% | 72% | 73% | 73% | 74% | 74% | 74% | 75% | 75% | 75% | 76% | 77% | 77% | 77% | 78% | |
| Engine 4 | 90% | 90% | 89% | 89% | 88% | 87% | 87% | 86% | 86% | 85% | 85% | 84% | 84% | 83% | 83% | 80% | |

| | Sunday | Monday | Tuesday | Wednesday | Thursday | Friday | Saturday | Sunday | Monday | Tuesday | Wednesday | Thursday | Friday | Saturday | Sunday | Monday | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 5/16/2010 | 5/17/2010 | 5/18/2010 | 5/19/2010 | 5/20/2010 | 5/21/2010 | 5/22/2010 | 5/23/2010 | 5/24/2010 | 5/25/2010 | 5/26/2010 | 5/27/2010 | 5/28/2010 | 5/29/2010 | 5/30/2010 | 5/31/2010 | TOTAL |
| **Cumulative by Facility in month** | | | | | | | | | | | | | | | | | |
| Max cumulative available engine run hours | 1,536 | 1,632 | 1,728 | 1,824 | 1,920 | 2,016 | 2,112 | 2,208 | 2,304 | 2,400 | 2,496 | 2,592 | 2,688 | 2,784 | 2,880 | 2,976 | |
| Actual cumulative engine run hours | 1,370 | 1,455 | 1,541 | 1,637 | 1,732 | 1,828 | 1,924 | 2,020 | 2,101 | 2,186 | 2,282 | 2,365 | 2,450 | 2,546 | 2,638 | 2,710 | |
| Cumulative Availability, % | 89.2% | 89.2% | 89.2% | 89.7% | 90.2% | 90.7% | 91.1% | 91.5% | 91.2% | 91.1% | 91.4% | 91.2% | 91.1% | 91.5% | 91.6% | 91.1% | |
| Max cumulative gross output, kWhr | 1,267,200 | 1,346,400 | 1,425,600 | 1,504,800 | 1,584,000 | 1,663,200 | 1,742,400 | 1,821,600 | 1,900,800 | 1,980,000 | 2,059,200 | 2,138,400 | 2,217,600 | 2,296,800 | 2,376,000 | 2,455,200 | |
| Actual cumulative gross output, kWhr | 902,419 | 957,698 | 1,019,038 | 1,083,317 | 1,143,008 | 1,204,041 | 1,264,363 | 1,324,916 | 1,385,835 | 1,444,890 | 1,506,488 | 1,566,720 | 1,627,664 | 1,687,606 | 1,746,192 | 1,806,007 | |
| Cumulative Capacity Factor | 71.2% | 71.1% | 71.5% | 72.0% | 72.2% | 72.4% | 72.6% | 72.7% | 72.9% | 73.0% | 73.2% | 73.3% | 73.4% | 73.5% | 73.5% | 73.6% | |
| Cumulative fuel input, MMBtu HHV | 12,630 | 13,396 | 14,207 | 15,036 | 15,823 | 16,607 | 17,388 | 18,165 | 18,933 | 19,697 | 20,493 | 21,268 | 22,073 | 22,890 | 23,677 | 24,444 | |
| Cumulative gross output, kWhr | 902,419 | 957,698 | 1,019,038 | 1,083,317 | 1,143,008 | 1,204,041 | 1,264,363 | 1,324,916 | 1,385,835 | 1,444,890 | 1,506,488 | 1,566,720 | 1,627,664 | 1,687,606 | 1,746,192 | 1,806,007 | |
| **Heat Rate** | | | | | | | | | | | | | | | | | |
| Daily heat rate, Btu/kWe gross LHV | 12,498 | 12,474 | 11,902 | 11,610 | 11,869 | 11,563 | 11,655 | 11,551 | 11,349 | 11,646 | 11,633 | 11,583 | 11,891 | 12,270 | 12,093 | 11,543 | |
| Daily heat rate, Btu/kWe gross HHV | 13,884 | 13,857 | 13,221 | 12,897 | 13,185 | 12,846 | 12,947 | 12,832 | 12,607 | 12,937 | 12,922 | 12,867 | 13,209 | 13,630 | 13,433 | 12,823 | |
| Cumulative heat rate, Btu/kWe gross LHV | 12,599 | 12,592 | 12,550 | 12,494 | 12,462 | 12,416 | 12,380 | 12,342 | 12,298 | 12,272 | 12,246 | 12,220 | 12,208 | 12,210 | 12,206 | 12,184 | |
| Cumulative heat rate, Btu/kWe gross HHV | 13,996 | 13,988 | 13,942 | 13,880 | 13,843 | 13,793 | 13,752 | 13,710 | 13,662 | 13,632 | 13,603 | 13,575 | 13,561 | 13,564 | 13,559 | 13,535 | |
| **Cumulative by Facility starting Calendar Year** | | | | | | | | | | | | | | | | | |
| Max cumulative available engine run hours | 12,864 | 12,960 | 13,056 | 13,152 | 13,248 | 13,344 | 13,440 | 13,536 | 13,632 | 13,728 | 13,824 | 13,920 | 14,016 | 14,112 | 14,208 | 14,304 | |
| Actual cumulative engine run hours | 12,210 | 12,295 | 12,381 | 12,477 | 12,572 | 12,668 | 12,764 | 12,860 | 12,941 | 13,026 | 13,122 | 13,205 | 13,290 | 13,386 | 13,478 | 13,550 | |
| Cumulative Availability, % | 94.9% | 94.9% | 94.8% | 94.9% | 94.9% | 94.9% | 95.0% | 95.0% | 94.9% | 94.9% | 94.9% | 94.9% | 94.8% | 94.9% | 94.9% | 94.7% | |
| Max cumulative gross output, kWhr | 10,612,800 | 10,692,000 | 10,771,200 | 10,850,400 | 10,929,600 | 11,008,800 | 11,088,000 | 11,167,200 | 11,246,400 | 11,325,600 | 11,404,800 | 11,484,000 | 11,563,200 | 11,642,400 | 11,721,600 | 11,800,800 | |
| Actual cumulative gross output, kWhr | 8,079,535 | 8,134,814 | 8,196,154 | 8,260,433 | 8,320,124 | 8,381,157 | 8,441,479 | 8,502,032 | 8,562,951 | 8,622,006 | 8,683,604 | 8,743,836 | 8,804,780 | 8,864,722 | 8,923,308 | 8,983,123 | |
| Cumulative Capacity Factor | 76.1% | 76.1% | 76.1% | 76.1% | 76.1% | 76.1% | 76.1% | 76.1% | 76.1% | 76.1% | 76.1% | 76.1% | 76.1% | 76.1% | 76.1% | 76.1% | |
| Cumulative fuel input, MMBtu HHV | 112,598 | 113,364 | 114,175 | 115,004 | 115,791 | 116,575 | 117,356 | 118,133 | 118,901 | 119,665 | 120,461 | 121,236 | 122,041 | 122,858 | 123,645 | 124,412 | |
| Cumulative gross output, kWhr | 8,079,535 | 8,134,814 | 8,196,154 | 8,260,433 | 8,320,124 | 8,381,157 | 8,441,479 | 8,502,032 | 8,562,951 | 8,622,006 | 8,683,604 | 8,743,836 | 8,804,780 | 8,864,722 | 8,923,308 | 8,983,123 | |
| Cumulative heat rate, Btu/kWe gross LHV | 12,545 | 12,545 | 12,540 | 12,533 | 12,528 | 12,521 | 12,515 | 12,508 | 12,500 | 12,494 | 12,488 | 12,482 | 12,477 | 12,476 | 12,474 | 12,467 | |
| Cumulative heat rate, Btu/kWe gross HHV | 13,936 | 13,936 | 13,930 | 13,922 | 13,917 | 13,909 | 13,902 | 13,895 | 13,886 | 13,879 | 13,872 | 13,865 | 13,861 | 13,859 | 13,856 | 13,850 | |
| **Service** | | | | | | | | | | | | | | | | | |
| Engine 1 | | | | | | | | | | | | | | | | | |
| Engine 2 | | | Proact change | | | | | | | | | | | | | | |
| Engine 3 | | | | | | | | | | Reverse power trip | | | | | | | |
| Engine 4 | | | Day tank valve overflowed engine | | | | | | | | | | | | | | |
| Oil - oil and filter change | | | Condensate leak, and discharge faliure | | | | | | | | | | | | | | |
| Service - plugs, air filter, valve inspection and adjust | | | Increase IT to 32 deg | | | | | | | | | | | | | | |

| NSTAR Power Reports | Sunday | Monday | Tuesday | Wednesday | Thursday | Friday | Saturday | Sunday | Monday | Tuesday | Wednesday | Thursday | Friday | Saturday | Sunday | Monday | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Date | 5/16/2010 | 5/17/2010 | 5/18/2010 | 5/19/2010 | 5/20/2010 | 5/21/2010 | 5/22/2010 | 5/23/2010 | 5/24/2010 | 5/25/2010 | 5/26/2010 | 5/27/2010 | 5/28/2010 | 5/29/2010 | 5/30/2010 | 5/31/2010 | TOTAL |
| Hour | | | | | | | | | | | | | | | | | |
| 1 | 2,355 | 2,288 | 2,305 | 2,637 | 2,520 | 2,551 | 2,464 | 2,458 | 2,454 | 2,473 | 2,478 | 2,519 | 2,444 | 2,443 | 2,447 | 1,977 | |
| 2 | 2,352 | 2,291 | 2,311 | 2,648 | 1,969 | 2,549 | 2,463 | 2,462 | 2,451 | 2,470 | 2,481 | 2,530 | 2,445 | 2,444 | 2,448 | 2,392 | |
| 3 | 2,361 | 2,284 | 2,308 | 2,646 | 2,093 | 2,549 | 2,462 | 2,462 | 2,450 | 2,468 | 2,482 | 2,537 | 2,447 | 2,443 | 2,451 | 2,395 | |
| 4 | 2,331 | 2,275 | 2,310 | 2,639 | 2,561 | 2,547 | 2,462 | 2,461 | 2,450 | 2,470 | 2,482 | 2,538 | 2,449 | 2,444 | 2,452 | 2,391 | |
| 5 | 2,312 | 2,265 | 2,305 | 2,641 | 2,561 | 2,543 | 2,462 | 2,461 | 2,451 | 2,473 | 2,483 | 2,536 | 2,450 | 2,445 | 2,451 | 2,392 | |
| 6 | 2,313 | 2,261 | 2,300 | 2,642 | 2,555 | 2,541 | 2,461 | 2,462 | 2,451 | 2,472 | 2,484 | 2,534 | 2,451 | 2,445 | 2,447 | 2,397 | |
| 7 | 2,329 | 2,266 | 2,310 | 2,642 | 2,550 | 2,544 | 2,461 | 2,463 | 2,454 | 2,471 | 2,485 | 2,532 | 2,451 | 2,445 | 2,452 | 2,401 | |
| 8 | 2,345 | 2,292 | 2,325 | 2,642 | 2,547 | 2,544 | 2,462 | 2,462 | 2,455 | 2,473 | 2,482 | 2,529 | 2,454 | 2,446 | 2,452 | 2,411 | |
| 9 | 2,366 | 2,324 | 2,327 | 2,639 | 2,544 | 2,527 | 2,462 | 2,461 | 2,413 | 1,799 | 2,485 | 2,514 | 2,459 | 2,449 | 2,222 | 2,420 | |
| 10 | 2,384 | 2,460 | 2,521 | 2,634 | 2,198 | 2,469 | 2,461 | 2,458 | 2,405 | 2,300 | 2,499 | 2,386 | 2,462 | 2,450 | 1,891 | 2,422 | |
| 11 | 2,386 | 2,223 | 2,544 | 2,635 | 1,290 | 2,468 | 2,460 | 2,457 | 2,415 | 2,696 | 2,532 | 2,420 | 2,397 | 2,368 | 1,890 | 2,420 | |
| 12 | 2,397 | 2,291 | 2,685 | 2,631 | 2,244 | 2,466 | 2,461 | 2,459 | 2,431 | 2,567 | 2,538 | 2,451 | 2,504 | 2,377 | 2,149 | 2,423 | |
| 13 | 2,406 | 2,331 | 2,740 | 2,630 | 2,530 | 2,467 | 2,463 | 2,461 | 2,445 | 2,508 | 2,465 | 2,452 | 2,535 | 2,377 | 2,473 | 2,422 | |
| 14 | 2,413 | 2,133 | 2,703 | 2,627 | 2,549 | 2,467 | 2,464 | 2,460 | 2,465 | 2,462 | 2,511 | 2,453 | 2,539 | 2,333 | 2,539 | 2,421 | |
| 15 | 2,408 | 2,379 | 2,685 | 2,624 | 2,586 | 2,471 | 2,465 | 2,460 | 2,462 | 2,455 | 2,513 | 2,453 | 2,532 | 2,309 | 2,530 | 2,423 | |
| 16 | 2,419 | 2,375 | 2,666 | 2,627 | 2,589 | 2,476 | 2,466 | 2,460 | 2,468 | 2,459 | 2,506 | 2,452 | 2,527 | 2,351 | 2,522 | 2,425 | |
| 17 | 2,422 | 2,356 | 2,637 | 2,620 | 2,592 | 2,478 | 2,466 | 2,463 | 2,464 | 2,456 | 2,509 | 2,454 | 2,306 | 2,309 | 2,424 | 2,429 | |
| 18 | 2,416 | 2,337 | 2,638 | 2,618 | 2,590 | 2,471 | 2,464 | 2,461 | 2,458 | 2,454 | 2,505 | 2,449 | 2,389 | 2,303 | 2,467 | 2,431 | |
| 19 | 2,413 | 2,305 | 2,638 | 2,618 | 2,591 | 2,470 | 2,462 | 2,460 | 2,460 | 2,454 | 2,516 | 2,449 | 2,290 | 2,347 | 2,455 | 2,432 | |
| 20 | 2,399 | 2,278 | 2,634 | 2,620 | 2,588 | 2,466 | 2,462 | 2,458 | 2,460 | 2,454 | 2,516 | 2,449 | 2,431 | 2,271 | 2,436 | 2,432 | |
| 21 | 2,377 | 1,578 | 2,630 | 2,634 | 2,591 | 2,465 | 2,457 | 2,456 | 2,462 | 2,474 | 2,527 | 2,448 | 2,443 | 2,421 | 2,159 | 2,432 | |
| 22 | 2,349 | 1,920 | 2,630 | 2,632 | 2,593 | 2,462 | 2,459 | 2,452 | 2,462 | 2,476 | 2,527 | 2,446 | 2,446 | 2,446 | 1,882 | 2,430 | |
| 23 | 2,311 | 2,341 | 2,635 | 2,586 | 2,589 | 2,463 | 2,457 | 2,449 | 2,467 | 2,478 | 2,525 | 2,443 | 2,444 | 2,448 | 2,257 | 2,429 | |
| 24 | 2,293 | 2,316 | 2,636 | 2,559 | 2,549 | 2,464 | 2,457 | 2,451 | 2,470 | 2,479 | 2,526 | 2,443 | 2,444 | 2,449 | 2,419 | 2,429 | |
| TOTAL | 56,857 | 54,169 | 60,423 | 63,071 | 58,569 | 59,918 | 59,083 | 59,017 | 58,823 | 58,741 | 60,057 | 59,417 | 58,739 | 57,563 | 56,315 | 57,576 | |
| Cumulative Output Sold, kWhr | 870,902 | 925,071 | 985,494 | 1,048,565 | 1,107,134 | 1,167,052 | 1,226,135 | 1,285,152 | 1,343,975 | 1,402,716 | 1,462,773 | 1,522,190 | 1,580,929 | 1,638,492 | 1,694,807 | 1,752,383 | |
| Transformer and line efficiency | 101.1% | 100.7% | 100.9% | 100.5% | 100.7% | 101.0% | 100.8% | 100.3% | 99.3% | 102.3% | 100.3% | 101.3% | 98.9% | 98.7% | 98.8% | 98.6% | 0.0% |
| Hourly average | 2,369 | 2,257 | 2,518 | 2,628 | 2,440 | 2,497 | 2,462 | 2,459 | 2,451 | 2,448 | 2,502 | 2,476 | 2,447 | 2,398 | 2,346 | 2,399 | 2,355 |

| **JUNE 2010** | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CNBE Daily Reports Summary Data | | | | | | | | | | | | | | | | |
| | Tuesday | Wednesday | Thursday | Friday | Saturday | Sunday | Monday | Tuesday | Wednesday | Thursday | Friday | Saturday | Sunday | Monday | Tuesday |
| | 6/1/2010 | 6/2/2010 | 6/3/2010 | 6/4/2010 | 6/5/2010 | 6/6/2010 | 6/7/2010 | 6/8/2010 | 6/9/2010 | 6/10/2010 | 6/11/2010 | 6/12/2010 | 6/13/2010 | 6/14/2010 | 6/15/2010 |
| Landfill Gas Flow to the Engines (KSCF) | 1,488 | 1,579 | 1,566 | 1,524 | 1,501 | 1,474 | 1,466 | 1,528 | 1,529 | 1,521 | 1,520 | 1,468 | 1,421 | 1,396 | 1,292 |
| Landfill Gas Flow to the Engines (MMBTU HHV) | 766 | 803 | 785 | 768 | 764 | 765 | 760 | 760 | 755 | 766 | 751 | 732 | 749 | 724 | 665 |
| Landfill Gas Flow to the Flare (KSCF) | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Landfill Gas Flow to the Flare (MMBTU HHV) | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Landfill Gas Total Flow (KSCF) | 1,488 | 1,579 | 1,566 | 1,524 | 1,501 | 1,474 | 1,466 | 1,528 | 1,529 | 1,521 | 1,520 | 1,468 | 1,421 | 1,396 | 1,292 |
| Landfill Gas Total Flow (MMBTU HHV) | 766 | 803 | 785 | 768 | 764 | 765 | 760 | 760 | 755 | 766 | 751 | 732 | 749 | 724 | 665 |
| Average Methane Content (%) | 50.9 | 50.2 | 49.5 | 49.8 | 50.3 | 51.3 | 51.2 | 49.2 | 48.8 | 49.8 | 48.8 | 49.3 | 52.1 | 51.2 | 50.9 |
| Engine 1 Hours | 23 | 24 | 24 | 24 | 24 | 24 | 9 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 21 |
| Engine 2 Hours | 23 | 24 | 24 | 24 | 24 | 24 | 24 | 9 | - | - | - | - | - | - | - |
| Engine 3 Hours | 23 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 |
| Engine 4 Hours | 10 | 24 | 24 | 9 | - | - | 23 | 24 | 24 | 24 | 23 | 24 | 24 | 24 | 24 |
| Generator 1 Power Output (kWhr) | 17,725 | 15,089 | 15,976 | 18,330 | 20,193 | 19,755 | 5,588 | 18,344 | 20,218 | 20,407 | 20,542 | 20,481 | 20,654 | 20,689 | 16,573 |
| Generator 2 Power Output (kWhr) | 16,955 | 13,980 | 14,639 | 17,446 | 19,600 | 19,613 | 17,396 | 4,877 | - | - | - | - | - | - | - |
| Generator 3 Power Output (kWhr) | 17,901 | 15,563 | 16,544 | 18,395 | 19,977 | 19,913 | 18,294 | 18,513 | 20,418 | 20,669 | 20,652 | 20,696 | 21,001 | 20,760 | 20,407 |
| Generator 4 Power Output (kWhr) | 6,324 | 14,282 | 15,002 | 5,195 | - | - | 15,634 | 17,348 | 19,617 | 19,693 | 19,677 | 19,535 | 19,684 | 19,671 | 19,699 |
| Gross Power Output (kWhr) | 59,366 | 61,899 | 59,953 | 59,775 | 60,079 | 59,389 | 57,316 | 59,283 | 60,548 | 61,063 | 61,294 | 60,980 | 61,593 | 61,409 | 56,998 |
| Net Power Output (kWhr) | 57,859 | 60,390 | 58,449 | 58,318 | 58,714 | 58,010 | 56,004 | 57,789 | 58,987 | 59,493 | 59,662 | 59,410 | 60,072 | 59,864 | 55,535 |
| Power Sold as metered by NStar, (kWhr) | 57,065 | 60,899 | 59,246 | 58,935 | 59,132 | 58,667 | 57,203 | 59,149 | 59,291 | 59,535 | 59,081 | 59,347 | 59,513 | 58,843 | 54,897 |
| Offgrid RECs (kWhr) | 1,507 | 1,509 | 1,504 | 1,457 | 1,365 | 1,379 | 1,312 | 1,494 | 1,561 | 1,570 | 1,632 | 1,570 | 1,521 | 1,545 | 1,463 |
| **Calculated Performance Results** | | | | | | | | | | | | | | | |
| **Daily** | | | | | | | | | | | | | | | |
| Power output (kW average when running) | | | | | | | | | | | | | | | |
| Generator 1 | 771 | 629 | 666 | 764 | 841 | 823 | 621 | 764 | 842 | 850 | 856 | 853 | 861 | 862 | 789 |
| Generator 2 | 737 | 583 | 610 | 727 | 817 | 817 | 725 | 542 | - | - | - | - | - | - | - |
| Generator 3 | 778 | 648 | 689 | 766 | 832 | 830 | 762 | 771 | 851 | 861 | 861 | 862 | 875 | 865 | 850 |
| Generator 4 | 632 | 595 | 625 | 577 | - | - | 680 | 723 | 817 | 821 | 856 | 814 | 820 | 820 | 821 |
| Power output (kW average over 24-hrs) | | | | | | | | | | | | | | | |
| Facility Gross | 2,474 | 2,579 | 2,498 | 2,491 | 2,503 | 2,475 | 2,388 | 2,470 | 2,523 | 2,544 | 2,554 | 2,541 | 2,566 | 2,559 | 2,375 |
| Facility Net | 2,411 | 2,516 | 2,435 | 2,430 | 2,446 | 2,417 | 2,334 | 2,408 | 2,458 | 2,479 | 2,486 | 2,475 | 2,503 | 2,494 | 2,314 |
| In-plant load | 63 | 63 | 63 | 61 | 57 | 57 | 55 | 62 | 65 | 65 | 68 | 65 | 63 | 64 | 61 |
| Daily availability factor | | | | | | | | | | | | | | | |
| Facility | 82% | 100% | 100% | 84% | 75% | 75% | 83% | 84% | 75% | 75% | 74% | 75% | 75% | 75% | 72% |
| Engine 1 | 96% | 100% | 100% | 100% | 100% | 100% | 38% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 88% |
| Engine 2 | 96% | 100% | 100% | 100% | 100% | 100% | 100% | 38% | 0% | 0% | 0% | 0% | 0% | 0% | 0% |
| Engine 3 | 96% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% |
| Engine 4 | 42% | 100% | 100% | 38% | 0% | 0% | 96% | 100% | 100% | 100% | 96% | 100% | 100% | 100% | 100% |
| Daily capacity factor | | | | | | | | | | | | | | | |
| Facility | 75% | 78% | 76% | 75% | 76% | 75% | 72% | 75% | 76% | 77% | 77% | 77% | 78% | 78% | 72% |
| Engine 1 | 93% | 76% | 81% | 93% | 102% | 100% | 75% | 93% | 102% | 103% | 104% | 103% | 104% | 104% | 96% |
| Engine 2 | 89% | 71% | 74% | 88% | 99% | 99% | 88% | 66% | 0% | 0% | 0% | 0% | 0% | 0% | 0% |
| Engine 3 | 94% | 79% | 84% | 93% | 101% | 101% | 92% | 94% | 103% | 104% | 104% | 105% | 106% | 105% | 103% |
| Engine 4 | 77% | 72% | 76% | 70% | 0% | 0% | 82% | 88% | 99% | 99% | 104% | 99% | 99% | 99% | 99% |
| **Cumulative by engine** | | | | | | | | | | | | | | | |
| Engine operating run hours in the month | | | | | | | | | | | | | | | |
| Max Cumulative Available, hours | 24 | 48 | 72 | 96 | 120 | 144 | 168 | 192 | 216 | 240 | 264 | 288 | 312 | 336 | 360 |
| Engine 1 | 23 | 47 | 71 | 95 | 119 | 143 | 152 | 176 | 200 | 224 | 248 | 272 | 296 | 320 | 341 |
| Engine 2 | 23 | 47 | 71 | 95 | 119 | 143 | 167 | 176 | 176 | 176 | 176 | 176 | 176 | 176 | 176 |
| Engine 3 | 23 | 47 | 71 | 95 | 119 | 143 | 167 | 191 | 215 | 239 | 263 | 287 | 311 | 335 | 359 |
| Engine 4 | 10 | 34 | 58 | 67 | 67 | 67 | 90 | 114 | 138 | 162 | 185 | 209 | 233 | 257 | 281 |
| Engine operating run hours total from 0 hours | | | | | | | | | | | | | | | |
| Engine 1 | 38,777 | 38,801 | 38,825 | 38,849 | 38,873 | 38,897 | 38,906 | 38,930 | 38,954 | 38,978 | 39,002 | 39,026 | 39,050 | 39,074 | 39,095 |
| Engine 2 | 38,751 | 38,775 | 38,799 | 38,823 | 38,847 | 38,871 | 38,895 | 38,904 | 38,904 | 38,904 | 38,904 | 38,904 | 38,904 | 38,904 | 38,904 |
| Engine 3 | 38,222 | 38,246 | 38,270 | 38,294 | 38,318 | 38,342 | 38,366 | 38,390 | 38,414 | 38,438 | 38,462 | 38,486 | 38,510 | 38,534 | 38,558 |
| Engine 4 | 37,501 | 37,525 | 37,549 | 37,558 | 37,558 | 37,558 | 37,581 | 37,605 | 37,629 | 37,653 | 37,676 | 37,700 | 37,724 | 37,748 | 37,772 |
| Cumulative availability, % | | | | | | | | | | | | | | | |
| Engine 1 | 96% | 98% | 99% | 99% | 99% | 99% | 90% | 92% | 93% | 93% | 94% | 94% | 95% | 95% | 95% |
| Engine 2 | 96% | 98% | 99% | 99% | 99% | 99% | 99% | 92% | 81% | 73% | 67% | 61% | 56% | 52% | 49% |
| Engine 3 | 96% | 98% | 99% | 99% | 99% | 99% | 99% | 99% | 100% | 100% | 100% | 100% | 100% | 100% | 100% |
| Engine 4 | 42% | 71% | 81% | 70% | 56% | 47% | 54% | 59% | 64% | 68% | 70% | 73% | 75% | 76% | 78% |
| Engine cumulative gross output, kWhr | | | | | | | | | | | | | | | |
| Max cumulative capacity one engine | 825 | 1,650 | 2,475 | 3,300 | 4,125 | 4,950 | 5,775 | 6,600 | 7,425 | 8,250 | 9,075 | 9,900 | 10,725 | 11,550 | 12,375 |
| Engine 1 | 771 | 1,399 | 2,065 | 2,829 | 3,670 | 4,493 | 5,114 | 5,878 | 6,721 | 7,571 | 8,427 | 9,280 | 10,141 | 11,003 | 11,792 |
| Engine 2 | 737 | 1,320 | 1,930 | 2,657 | 3,473 | 4,290 | 5,015 | 5,557 | 5,557 | 5,557 | 5,557 | 5,557 | 5,557 | 5,557 | 5,557 |
| Engine 3 | 778 | 1,427 | 2,116 | 2,883 | 3,715 | 4,545 | 5,307 | 6,078 | 6,929 | 7,790 | 8,651 | 9,513 | 10,388 | 11,253 | 12,103 |
| Engine 4 | 632 | 1,227 | 1,853 | 2,430 | 2,430 | 2,430 | 3,110 | 3,832 | 4,650 | 5,470 | 6,326 | 7,140 | 7,960 | 8,780 | 9,600 |
| Cumulative capacity factor, % | | | | | | | | | | | | | | | |
| Engine 1 | 93% | 85% | 83% | 86% | 89% | 91% | 89% | 89% | 91% | 92% | 93% | 94% | 95% | 95% | 95% |
| Engine 2 | 89% | 80% | 78% | 81% | 84% | 87% | 87% | 84% | 75% | 67% | 61% | 56% | 52% | 48% | 45% |
| Engine 3 | 94% | 86% | 85% | 87% | 90% | 92% | 92% | 92% | 93% | 94% | 95% | 96% | 97% | 97% | 98% |
| Engine 4 | 77% | 74% | 75% | 74% | 59% | 49% | 54% | 58% | 63% | 66% | 70% | 72% | 74% | 76% | 78% |

| | Tuesday | Wednesday | Thursday | Friday | Saturday | Sunday | Monday | Tuesday | Wednesday | Thursday | Friday | Saturday | Sunday | Monday | Tuesday |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 6/1/2010 | 6/2/2010 | 6/3/2010 | 6/4/2010 | 6/5/2010 | 6/6/2010 | 6/7/2010 | 6/8/2010 | 6/9/2010 | 6/10/2010 | 6/11/2010 | 6/12/2010 | 6/13/2010 | 6/14/2010 | 6/15/2010 |
| **Cumulative by Facility in month** | | | | | | | | | | | | | | | |
| Max cumulative available engine run hours | 96 | 192 | 288 | 384 | 480 | 576 | 672 | 768 | 864 | 960 | 1,056 | 1,152 | 1,248 | 1,344 | 1,440 |
| Actual cumulative engine run hours | 79 | 175 | 271 | 352 | 424 | 496 | 576 | 657 | 729 | 801 | 872 | 944 | 1,016 | 1,088 | 1,157 |
| Cumulative Availability, % | 82.3% | 91.1% | 94.1% | 91.7% | 88.3% | 86.1% | 85.7% | 85.5% | 84.4% | 83.4% | 82.6% | 81.9% | 81.4% | 81.0% | 80.3% |
| | | | | | | | | | | | | | | | |
| Max cumulative gross output, kWhr | 79,200 | 158,400 | 237,600 | 316,800 | 396,000 | 475,200 | 554,400 | 633,600 | 712,800 | 792,000 | 871,200 | 950,400 | 1,029,600 | 1,108,800 | 1,188,000 |
| Actual cumulative gross output, kWhr | 59,366 | 121,265 | 181,218 | 240,993 | 301,072 | 360,461 | 417,777 | 477,060 | 537,608 | 598,671 | 659,965 | 720,945 | 782,538 | 843,947 | 900,945 |
| Cumulative Capacity Factor | 75.0% | 76.6% | 76.3% | 76.1% | 76.0% | 75.9% | 75.4% | 75.3% | 75.4% | 75.6% | 75.8% | 75.9% | 76.0% | 76.1% | 75.8% |
| | | | | | | | | | | | | | | | |
| Cumulative fuel input, MMBtu HHV | 766 | 1,569 | 2,354 | 3,122 | 3,886 | 4,651 | 5,411 | 6,171 | 6,926 | 7,692 | 8,443 | 9,175 | 9,924 | 10,648 | 11,313 |
| Cumulative gross output, kWhr | 59,366 | 121,265 | 181,218 | 240,993 | 301,072 | 360,461 | 417,777 | 477,060 | 537,608 | 598,671 | 659,965 | 720,945 | 782,538 | 843,947 | 900,945 |
| | | | | | | | | | | | | | | | |
| **Heat Rate** | | | | | | | | | | | | | | | |
| Daily heat rate, Btu/kWe gross LHV | 11,615 | 11,678 | 11,787 | 11,566 | 11,447 | 11,596 | 11,936 | 11,540 | 11,225 | 11,292 | 11,030 | 10,806 | 10,947 | 10,613 | 10,503 |
| Daily heat rate, Btu/kWe gross HHV | 12,903 | 12,973 | 13,094 | 12,848 | 12,717 | 12,881 | 13,260 | 12,820 | 12,469 | 12,544 | 12,252 | 12,004 | 12,160 | 11,790 | 11,667 |
| | | | | | | | | | | | | | | | |
| Cumulative heat rate, Btu/kWe gross LHV | 11,615 | 11,647 | 11,693 | 11,662 | 11,619 | 11,615 | 11,659 | 11,644 | 11,597 | 11,566 | 11,516 | 11,456 | 11,416 | 11,358 | 11,304 |
| Cumulative heat rate, Btu/kWe gross HHV | 12,903 | 12,939 | 12,990 | 12,955 | 12,907 | 12,903 | 12,952 | 12,935 | 12,883 | 12,848 | 12,793 | 12,726 | 12,682 | 12,617 | 12,557 |
| | | | | | | | | | | | | | | | |
| **Cumulative by Facility starting Calendar Year** | | | | | | | | | | | | | | | |
| Max cumulative available engine run hours | 14,400 | 14,496 | 14,592 | 14,688 | 14,784 | 14,880 | 14,976 | 15,072 | 15,168 | 15,264 | 15,360 | 15,456 | 15,552 | 15,648 | 15,744 |
| Actual cumulative engine run hours | 13,629 | 13,725 | 13,821 | 13,902 | 13,974 | 14,046 | 14,126 | 14,207 | 14,279 | 14,351 | 14,422 | 14,494 | 14,566 | 14,638 | 14,707 |
| Cumulative Availability, % | 94.6% | 94.7% | 94.7% | 94.6% | 94.5% | 94.4% | 94.3% | 94.3% | 94.1% | 94.0% | 93.9% | 93.8% | 93.7% | 93.5% | 93.4% |
| | | | | | | | | | | | | | | | |
| Max cumulative gross output, kWhr | 11,880,000 | 11,959,200 | 12,038,400 | 12,117,600 | 12,196,800 | 12,276,000 | 12,355,200 | 12,434,400 | 12,513,600 | 12,592,800 | 12,672,000 | 12,751,200 | 12,830,400 | 12,909,600 | 12,988,800 |
| Actual cumulative gross output, kWhr | 9,042,489 | 9,104,388 | 9,164,341 | 9,224,116 | 9,284,195 | 9,343,584 | 9,400,900 | 9,460,183 | 9,520,731 | 9,581,794 | 9,643,088 | 9,704,068 | 9,765,661 | 9,827,070 | 9,884,068 |
| Cumulative Capacity Factor | 76.1% | 76.1% | 76.1% | 76.1% | 76.1% | 76.1% | 76.1% | 76.1% | 76.1% | 76.1% | 76.1% | 76.1% | 76.1% | 76.1% | 76.1% |
| | | | | | | | | | | | | | | | |
| Cumulative fuel input, MMBtu HHV | 125,178 | 125,981 | 126,766 | 127,534 | 128,298 | 129,063 | 129,823 | 130,583 | 131,338 | 132,104 | 132,855 | 133,587 | 134,336 | 135,060 | 135,725 |
| Cumulative gross output, kWhr | 9,042,489 | 9,104,388 | 9,164,341 | 9,224,116 | 9,284,195 | 9,343,584 | 9,400,900 | 9,460,183 | 9,520,731 | 9,581,794 | 9,643,088 | 9,704,068 | 9,765,661 | 9,827,070 | 9,884,068 |
| Cumulative heat rate, Btu/kWe gross LHV | 12,462 | 12,456 | 12,452 | 12,446 | 12,440 | 12,434 | 12,431 | 12,426 | 12,418 | 12,411 | 12,402 | 12,392 | 12,383 | 12,372 | 12,361 |
| Cumulative heat rate, Btu/kWe gross HHV | 13,843 | 13,837 | 13,833 | 13,826 | 13,819 | 13,813 | 13,810 | 13,803 | 13,795 | 13,787 | 13,777 | 13,766 | 13,756 | 13,744 | 13,732 |
| **Service** | | | | | | | | | | | | | | | |
| Engine 1 | | | | | | Failed turbo | | | | | | | | | |
| Engine 2 | | | | | | | | | | | | | | | |
| Engine 3 | | | | | | | | | | | | | | | |
| Engine 4 | | | | | | | | | | | | | | | |
| Oil - oil and filter change | NStar outage | | | | | | | | | | | | | | Installation of addi |
| Service - plugs, air filter, valve inspection and adjustment | | | | | | | | | | | | | | | Wells 31,33, 25, 2 |

| NSTAR Power Reports | Tuesday | Wednesday | Thursday | Friday | Saturday | Sunday | Monday | Tuesday | Wednesday | Thursday | Friday | Saturday | Sunday | Monday | Tuesday |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Date | 6/1/2010 | 6/2/2010 | 6/3/2010 | 6/4/2010 | 6/5/2010 | 6/6/2010 | 6/7/2010 | 6/8/2010 | 6/9/2010 | 6/10/2010 | 6/11/2010 | 6/12/2010 | 6/13/2010 | 6/14/2010 | 6/15/2010 |
| Hour | | | | | | | | | | | | | | | |
| 1 | 2,431 | 2,625 | 2,490 | 2,457 | 2,465 | 2,468 | 1,645 | 2,472 | 2,444 | 2,483 | 2,478 | 2,468 | 2,474 | 2,476 | 1,632 |
| 2 | 2,432 | 2,622 | 2,490 | 2,460 | 2,467 | 2,469 | 1,671 | 2,469 | 2,449 | 2,483 | 2,477 | 2,468 | 2,480 | 2,476 | 1,633 |
| 3 | 2,431 | 2,618 | 2,489 | 2,460 | 2,466 | 2,465 | 2,123 | 2,466 | 2,450 | 2,483 | 2,477 | 2,474 | 2,485 | 2,477 | 1,738 |
| 4 | 2,432 | 2,617 | 2,487 | 2,458 | 2,468 | 2,467 | 2,427 | 2,467 | 2,449 | 2,483 | 2,478 | 2,475 | 2,486 | 2,477 | 2,410 |
| 5 | 2,433 | 2,611 | 2,488 | 2,459 | 2,467 | 2,465 | 2,429 | 2,467 | 2,448 | 2,483 | 2,477 | 2,474 | 2,488 | 2,477 | 2,431 |
| 6 | 2,436 | 2,611 | 2,491 | 2,458 | 2,466 | 2,468 | 2,433 | 2,468 | 2,451 | 2,484 | 2,479 | 2,475 | 2,483 | 2,478 | 2,433 |
| 7 | 2,435 | 2,578 | 2,491 | 2,458 | 2,467 | 2,467 | 2,441 | 2,467 | 2,458 | 2,485 | 2,480 | 2,476 | 2,485 | 2,478 | 2,431 |
| 8 | 2,437 | 2,579 | 2,490 | 2,457 | 2,469 | 2,467 | 2,440 | 2,480 | 2,475 | 2,484 | 2,479 | 2,474 | 2,487 | 2,479 | 2,436 |
| 9 | 2,440 | 2,581 | 2,489 | 2,359 | 2,457 | 2,464 | 2,440 | 2,410 | 2,481 | 2,485 | 2,479 | 2,473 | 2,488 | 2,477 | 2,436 |
| 10 | 2,437 | 2,574 | 2,455 | 2,465 | 2,456 | 2,461 | 2,431 | 2,471 | 2,479 | 2,481 | 2,476 | 2,474 | 2,489 | 2,474 | 2,437 |
| 11 | 2,439 | 2,517 | 2,352 | 2,459 | 2,461 | 2,461 | 2,427 | 2,474 | 2,480 | 2,481 | 2,263 | 2,472 | 2,486 | 2,472 | 2,335 |
| 12 | 2,438 | 2,499 | 2,511 | 2,462 | 2,462 | 2,459 | 2,429 | 2,472 | 2,476 | 2,479 | 2,438 | 2,472 | 2,476 | 2,457 | 2,487 |
| 13 | 2,438 | 2,497 | 2,494 | 2,460 | 2,465 | 2,459 | 2,429 | 2,470 | 2,475 | 2,479 | 2,441 | 2,471 | 2,476 | 2,460 | 2,513 |
| 14 | 2,661 | 2,505 | 2,475 | 2,461 | 2,464 | 2,460 | 2,426 | 2,468 | 2,476 | 2,479 | 2,450 | 2,471 | 2,476 | 2,456 | 2,196 |
| 15 | 2,618 | 2,506 | 2,470 | 2,463 | 2,466 | 2,460 | 2,425 | 2,464 | 2,475 | 2,478 | 2,465 | 2,472 | 2,475 | 2,443 | 2,391 |
| 16 | 2,581 | 2,487 | 2,457 | 2,461 | 2,462 | 2,459 | 2,524 | 2,470 | 2,476 | 2,476 | 2,470 | 2,472 | 2,475 | 2,446 | 2,378 |
| 17 | 2,573 | 2,478 | 2,452 | 2,460 | 2,463 | 2,459 | 2,585 | 2,471 | 2,475 | 2,479 | 2,474 | 2,473 | 2,476 | 2,461 | 2,388 |
| 18 | 2,570 | 2,481 | 2,450 | 2,461 | 2,464 | 2,465 | 2,538 | 2,467 | 2,478 | 2,480 | 2,474 | 2,473 | 2,475 | 2,460 | 2,365 |
| 19 | 2,565 | 2,482 | 2,454 | 2,460 | 2,463 | 2,465 | 2,539 | 2,464 | 2,483 | 2,479 | 2,475 | 2,473 | 2,476 | 2,460 | 2,359 |
| 20 | 2,562 | 2,484 | 2,454 | 2,460 | 2,459 | 2,466 | 2,532 | 2,461 | 2,483 | 2,479 | 2,475 | 2,474 | 2,475 | 2,460 | 2,334 |
| 21 | 2,570 | 2,482 | 2,454 | 2,460 | 2,459 | 2,463 | 2,471 | 2,465 | 2,483 | 2,479 | 2,471 | 2,473 | 2,476 | 2,459 | 2,302 |
| 22 | 922 | 2,486 | 2,452 | 2,458 | 2,464 | 2,460 | 2,467 | 2,465 | 2,482 | 2,478 | 2,469 | 2,473 | 2,475 | 2,458 | 2,287 |
| 23 | 1,169 | 2,489 | 2,455 | 2,457 | 2,467 | 2,457 | 2,465 | 2,454 | 2,482 | 2,477 | 2,468 | 2,473 | 2,475 | 2,463 | 2,277 |
| 24 | 2,615 | 2,490 | 2,456 | 2,462 | 2,465 | 2,013 | 2,466 | 2,447 | 2,483 | 2,478 | 2,468 | 2,474 | 2,476 | 2,119 | 2,268 |
| | | | | | | | | | | | | | | | |
| TOTAL | 57,065 | 60,899 | 59,246 | 58,935 | 59,132 | 58,667 | 57,203 | 59,149 | 59,291 | 59,535 | 59,081 | 59,347 | 59,513 | 58,843 | 54,897 |
| Cumulative Output Sold, kWhr | 57,065 | 117,964 | 177,210 | 236,145 | 295,277 | 353,944 | 411,147 | 470,296 | 529,587 | 589,122 | 648,203 | 707,550 | 767,063 | 825,906 | 880,803 |
| Transformer and line efficiency | 98.6% | 100.8% | 101.4% | 101.1% | 100.7% | 101.1% | 102.1% | 102.4% | 100.5% | 100.1% | 99.0% | 99.9% | 99.1% | 98.3% | 98.9% |
| Hourly average | 2,378 | 2,537 | 2,469 | 2,456 | 2,464 | 2,444 | 2,383 | 2,465 | 2,470 | 2,481 | 2,462 | 2,473 | 2,480 | 2,452 | 2,287 |

| **JUNE 2010** | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CNBE Daily Reports Summary Data | | | | | | | | | | | | | | | | | |
| | Wednesday | Thursday | Friday | Saturday | Sunday | Monday | Tuesday | Wednesday | Thursday | Friday | Saturday | Sunday | Monday | Tuesday | Wednesday | |
| | 6/16/2010 | 6/17/2010 | 6/18/2010 | 6/19/2010 | 6/20/2010 | 6/21/2010 | 6/22/2010 | 6/23/2010 | 6/24/2010 | 6/25/2010 | 6/26/2010 | 6/27/2010 | 6/28/2010 | 6/29/2010 | 6/30/2010 | TOTAL |
| Landfill Gas Flow to the Engines (KSCF) | 1,452 | 1,388 | 1,396 | 1,392 | 1,450 | 1,444 | 1,457 | 1,434 | 1,429 | 1,443 | 1,462 | 1,444 | 1,385 | 1,433 | 1,440 | 43,723 |
| Landfill Gas Flow to the Engines (MMBTU HHV) | 735 | 716 | 710 | 713 | 744 | 738 | 739 | 732 | 721 | 715 | 729 | 724 | 701 | 714 | 711 | 22,155 |
| Landfill Gas Flow to the Flare (KSCF) | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Landfill Gas Flow to the Flare (MMBTU HHV) | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Landfill Gas Total Flow (KSCF) | 1,452 | 1,388 | 1,396 | 1,392 | 1,450 | 1,444 | 1,457 | 1,434 | 1,429 | 1,443 | 1,462 | 1,444 | 1,385 | 1,433 | 1,440 | 43,723 |
| Landfill Gas Total Flow (MMBTU HHV) | 735 | 716 | 710 | 713 | 744 | 738 | 739 | 732 | 721 | 715 | 729 | 724 | 701 | 714 | 711 | 22,155 |
| Average Methane Content (%) | 50.0 | 51.0 | 50.3 | 50.6 | 50.7 | 50.5 | 50.1 | 50.4 | 49.8 | 48.9 | 49.3 | 49.6 | 50.0 | 49.2 | 48.8 | 50.1 |
| Engine 1 Hours | 15 | 11 | 24 | 5 | - | - | - | 10 | 9 | - | - | - | 14 | 24 | 24 | 477 |
| Engine 2 Hours | 14 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 14 | - | 1 | 469 |
| Engine 3 Hours | 24 | 15 | - | 19 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 681 |
| Engine 4 Hours | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 23 | 23 | 639 |
| Generator 1 Power Output (kWhr) | 9,228 | 8,214 | 20,150 | 3,373 | - | - | - | 5,005 | 5,661 | - | - | - | 9,121 | 20,343 | 20,341 | 372,000 |
| Generator 2 Power Output (kWhr) | 9,929 | 18,919 | 19,781 | 19,803 | 19,788 | 19,631 | 19,679 | 17,516 | 17,312 | 19,503 | 19,717 | 19,495 | 10,091 | - | - | 355,670 |
| Generator 3 Power Output (kWhr) | 20,752 | 12,315 | - | 15,767 | 20,314 | 20,211 | 20,149 | 18,112 | 18,002 | 20,120 | 20,640 | 20,485 | 18,950 | 20,203 | 20,471 | 556,194 |
| Generator 4 Power Output (kWhr) | 19,732 | 18,788 | 19,771 | 19,770 | 19,696 | 19,668 | 19,600 | 17,326 | 17,344 | 19,660 | 19,854 | 19,635 | 17,993 | 19,399 | 17,539 | 497,136 |
| Gross Power Output (kWhr) | 60,078 | 58,563 | 59,964 | 58,837 | 59,894 | 59,852 | 59,833 | 58,323 | 58,954 | 59,922 | 60,731 | 60,290 | 56,648 | 60,441 | 58,802 | 1,792,077 |
| Net Power Output (kWhr) | 58,490 | 56,963 | 58,339 | 57,253 | 58,254 | 58,131 | 58,130 | 56,584 | 57,221 | 58,177 | 58,913 | 58,469 | 54,893 | 58,624 | 57,130 | 1,744,127 |
| Power Sold as metered by NStar, (kWhr) | 57,933 | 57,517 | 58,596 | 57,510 | 58,667 | 58,551 | 58,356 | 58,177 | 58,228 | 58,543 | 58,821 | 58,853 | 55,626 | 58,775 | 56,995 | 1,751,951 |
| Offgrid RECs (kWhr) | 1,588 | 1,600 | 1,625 | 1,584 | 1,640 | 1,721 | 1,703 | 1,739 | 1,733 | 1,745 | 1,818 | 1,821 | 1,755 | 1,817 | 1,672 | 47,950 |
| **Calculated Performance Results** | | | | | | | | | | | | | | | | |
| **Daily** | | | | | | | | | | | | | | | | |
| Power output (kW average when running) | | | | | | | | | | | | | | | | |
| Generator 1 | 615 | 747 | 840 | 675 | - | - | - | 501 | 629 | - | - | - | 652 | 848 | 848 | |
| Generator 2 | 709 | 788 | 824 | 825 | 825 | 818 | 820 | 730 | 721 | 813 | 822 | 812 | 721 | - | - | |
| Generator 3 | 865 | 821 | - | 830 | 846 | 842 | 840 | 755 | 750 | 838 | 860 | 854 | 790 | 842 | 853 | |
| Generator 4 | 822 | 783 | 824 | 824 | 821 | 820 | 817 | 722 | 723 | 819 | 827 | 818 | 750 | 843 | 763 | |
| Power output (kW average over 24-hrs) | | | | | | | | | | | | | | | | |
| Facility Gross | 2,503 | 2,440 | 2,499 | 2,452 | 2,496 | 2,494 | 2,493 | 2,430 | 2,456 | 2,497 | 2,530 | 2,512 | 2,360 | 2,518 | 2,450 | |
| Facility Net | 2,437 | 2,373 | 2,431 | 2,386 | 2,427 | 2,422 | 2,422 | 2,358 | 2,384 | 2,424 | 2,455 | 2,436 | 2,287 | 2,443 | 2,380 | |
| In-plant load | 66 | 67 | 68 | 66 | 68 | 72 | 71 | 72 | 72 | 73 | 76 | 76 | 73 | 76 | 70 | |
| Daily availability factor | | | | | | | | | | | | | | | | |
| Facility | 80% | 77% | 75% | 75% | 75% | 75% | 75% | 85% | 84% | 75% | 75% | 75% | 79% | 74% | 75% | |
| Engine 1 | 63% | 46% | 100% | 21% | 0% | 0% | 0% | 42% | 38% | 0% | 0% | 0% | 58% | 100% | 100% | |
| Engine 2 | 58% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 58% | 0% | 4% | |
| Engine 3 | 100% | 63% | 0% | 79% | 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% | 96% | 96% | |
| Daily capacity factor | | | | | | | | | | | | | | | | |
| Facility | 76% | 74% | 76% | 74% | 76% | 76% | 76% | 74% | 74% | 76% | 77% | 76% | 72% | 76% | 74% | |
| Engine 1 | 75% | 91% | 102% | 82% | 0% | 0% | 0% | 61% | 76% | 0% | 0% | 0% | 79% | 103% | 103% | |
| Engine 2 | 86% | 96% | 100% | 100% | 100% | 99% | 99% | 88% | 87% | 99% | 100% | 98% | 87% | 0% | 0% | |
| Engine 3 | 105% | 100% | 0% | 101% | 103% | 102% | 102% | 91% | 91% | 102% | 104% | 103% | 96% | 102% | 103% | |
| Engine 4 | 100% | 95% | 100% | 100% | 99% | 99% | 99% | 88% | 88% | 99% | 100% | 99% | 91% | 102% | 92% | |
| **Cumulative by engine** | | | | | | | | | | | | | | | | |
| Engine operating run hours in the month | | | | | | | | | | | | | | | | |
| Max Cumulative Available, hours | 384 | 408 | 432 | 456 | 480 | 504 | 528 | 552 | 576 | 600 | 624 | 648 | 672 | 696 | 720 | |
| Engine 1 | 356 | 367 | 391 | 396 | 396 | 396 | 396 | 406 | 415 | 415 | 415 | 415 | 429 | 453 | 477 | |
| Engine 2 | 190 | 214 | 238 | 262 | 286 | 310 | 334 | 358 | 382 | 406 | 430 | 454 | 468 | 468 | 469 | |
| Engine 3 | 383 | 398 | 398 | 417 | 441 | 465 | 489 | 513 | 537 | 561 | 585 | 609 | 633 | 657 | 681 | |
| Engine 4 | 305 | 329 | 353 | 377 | 401 | 425 | 449 | 473 | 497 | 521 | 545 | 569 | 593 | 616 | 639 | |
| Engine operating run hours total from 0 hours | | | | | | | | | | | | | | | | |
| Engine 1 | 39,110 | 39,121 | 39,145 | 39,150 | 39,150 | 39,150 | 39,150 | 39,160 | 39,169 | 39,169 | 39,169 | 39,169 | 39,183 | 39,207 | 39,231 | |
| Engine 2 | 38,918 | 38,942 | 38,966 | 38,990 | 39,014 | 39,038 | 39,062 | 39,086 | 39,110 | 39,134 | 39,158 | 39,182 | 39,196 | 39,196 | 39,197 | |
| Engine 3 | 38,582 | 38,597 | 38,597 | 38,616 | 38,640 | 38,664 | 38,688 | 38,712 | 38,736 | 38,760 | 38,784 | 38,808 | 38,832 | 38,856 | 38,880 | |
| Engine 4 | 37,796 | 37,820 | 37,844 | 37,868 | 37,892 | 37,916 | 37,940 | 37,964 | 37,988 | 38,012 | 38,036 | 38,060 | 38,084 | 38,107 | 38,130 | |
| Cumulative availability, % | | | | | | | | | | | | | | | | |
| Engine 1 | 93% | 90% | 91% | 87% | 83% | 79% | 75% | 74% | 72% | 69% | 67% | 64% | 64% | 65% | 66% | |
| Engine 2 | 49% | 52% | 55% | 57% | 60% | 62% | 63% | 65% | 66% | 68% | 69% | 70% | 70% | 67% | 65% | |
| Engine 3 | 100% | 98% | 92% | 91% | 92% | 92% | 93% | 93% | 93% | 94% | 94% | 94% | 94% | 94% | 95% | |
| Engine 4 | 79% | 81% | 82% | 83% | 84% | 84% | 85% | 86% | 86% | 87% | 87% | 88% | 88% | 89% | 89% | |
| Engine cumulative gross output, kWhr | | | | | | | | | | | | | | | | |
| Max cumulative capacity one engine | 13,200 | 14,025 | 14,850 | 15,675 | 16,500 | 17,325 | 18,150 | 18,975 | 19,800 | 20,625 | 21,450 | 22,275 | 23,100 | 23,925 | 24,750 | |
| Engine 1 | 12,408 | 13,154 | 13,994 | 14,668 | 14,668 | 14,668 | 14,668 | 15,169 | 15,798 | 15,798 | 15,798 | 15,798 | 16,449 | 17,297 | 18,145 | |
| Engine 2 | 6,266 | 7,055 | 7,879 | 8,704 | 9,528 | 10,346 | 11,166 | 11,896 | 12,618 | 13,430 | 14,252 | 15,064 | 15,785 | 15,785 | 15,785 | |
| Engine 3 | 12,968 | 13,789 | 13,789 | 14,619 | 15,465 | 16,307 | 17,147 | 17,902 | 18,652 | 19,490 | 20,350 | 21,204 | 21,993 | 22,835 | 23,688 | |
| Engine 4 | 10,423 | 11,205 | 12,029 | 12,853 | 13,674 | 14,493 | 15,310 | 16,032 | 16,754 | 17,573 | 18,401 | 19,219 | 19,969 | 20,812 | 21,575 | |
| Cumulative capacity factor, % | | | | | | | | | | | | | | | | |
| Engine 1 | 94% | 94% | 94% | 94% | 89% | 85% | 81% | 80% | 80% | 77% | 74% | 71% | 71% | 72% | 73% | |
| Engine 2 | 47% | 50% | 53% | 56% | 58% | 60% | 62% | 63% | 64% | 65% | 66% | 68% | 68% | 66% | 64% | |
| Engine 3 | 98% | 98% | 93% | 93% | 94% | 94% | 94% | 94% | 94% | 94% | 95% | 95% | 95% | 95% | 96% | |
| Engine 4 | 79% | 80% | 81% | 82% | 83% | 84% | 84% | 84% | 85% | 85% | 86% | 86% | 86% | 87% | 87% | |

| | Wednesday | Thursday | Friday | Saturday | Sunday | Monday | Tuesday | Wednesday | Thursday | Friday | Saturday | Sunday | Monday | Tuesday | Wednesday | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 6/16/2010 | 6/17/2010 | 6/18/2010 | 6/19/2010 | 6/20/2010 | 6/21/2010 | 6/22/2010 | 6/23/2010 | 6/24/2010 | 6/25/2010 | 6/26/2010 | 6/27/2010 | 6/28/2010 | 6/29/2010 | 6/30/2010 | TOTAL |
| **Cumulative by Facility in month** | | | | | | | | | | | | | | | | |
| Max cumulative available engine run hours | 1,536 | 1,632 | 1,728 | 1,824 | 1,920 | 2,016 | 2,112 | 2,208 | 2,304 | 2,400 | 2,496 | 2,592 | 2,688 | 2,784 | 2,880 | |
| Actual cumulative engine run hours | 1,234 | 1,308 | 1,380 | 1,452 | 1,524 | 1,596 | 1,668 | 1,750 | 1,831 | 1,903 | 1,975 | 2,047 | 2,123 | 2,194 | 2,266 | |
| Cumulative Availability, % | 80.3% | 80.1% | 79.9% | 79.6% | 79.4% | 79.2% | 79.0% | 79.3% | 79.5% | 79.3% | 79.1% | 79.0% | 79.0% | 78.8% | 78.7% | |
| Max cumulative gross output, kWhr | 1,267,200 | 1,346,400 | 1,425,600 | 1,504,800 | 1,584,000 | 1,663,200 | 1,742,400 | 1,821,600 | 1,900,800 | 1,980,000 | 2,059,200 | 2,138,400 | 2,217,600 | 2,296,800 | 2,376,000 | |
| Actual cumulative gross output, kWhr | 961,023 | 1,019,586 | 1,079,550 | 1,138,387 | 1,198,281 | 1,258,133 | 1,317,966 | 1,376,289 | 1,435,243 | 1,495,165 | 1,555,896 | 1,616,186 | 1,672,834 | 1,733,275 | 1,792,077 | |
| Cumulative Capacity Factor | 75.8% | 75.7% | 75.7% | 75.7% | 75.6% | 75.6% | 75.6% | 75.6% | 75.5% | 75.5% | 75.6% | 75.6% | 75.4% | 75.5% | 75.4% | |
| Cumulative fuel input, MMBtu HHV | 12,048 | 12,764 | 13,474 | 14,187 | 14,931 | 15,669 | 16,408 | 17,140 | 17,861 | 18,576 | 19,305 | 20,029 | 20,730 | 21,444 | 22,155 | |
| Cumulative gross output, kWhr | 961,023 | 1,019,586 | 1,079,550 | 1,138,387 | 1,198,281 | 1,258,133 | 1,317,966 | 1,376,289 | 1,435,243 | 1,495,165 | 1,555,896 | 1,616,186 | 1,672,834 | 1,733,275 | 1,792,077 | |
| **Heat Rate** | | | | | | | | | | | | | | | | |
| Daily heat rate, Btu/kWe gross LHV | 11,013 | 11,006 | 10,659 | 10,909 | 11,182 | 11,100 | 11,118 | 11,298 | 11,009 | 10,741 | 10,806 | 10,810 | 11,140 | 10,634 | 10,885 | |
| Daily heat rate, Btu/kWe gross HHV | 12,234 | 12,226 | 11,840 | 12,118 | 12,422 | 12,330 | 12,351 | 12,551 | 12,230 | 11,932 | 12,004 | 12,009 | 12,375 | 11,813 | 12,091 | |
| Cumulative heat rate, Btu/kWe gross LHV | 11,285 | 11,269 | 11,235 | 11,219 | 11,217 | 11,211 | 11,207 | 11,211 | 11,203 | 11,184 | 11,169 | 11,156 | 11,155 | 11,137 | 11,129 | |
| Cumulative heat rate, Btu/kWe gross HHV | 12,537 | 12,519 | 12,481 | 12,462 | 12,460 | 12,454 | 12,449 | 12,454 | 12,445 | 12,424 | 12,408 | 12,393 | 12,392 | 12,372 | 12,363 | |
| **Cumulative by Facility starting Calendar Year** | | | | | | | | | | | | | | | | |
| Max cumulative available engine run hours | 15,840 | 15,936 | 16,032 | 16,128 | 16,224 | 16,320 | 16,416 | 16,512 | 16,608 | 16,704 | 16,800 | 16,896 | 16,992 | 17,088 | 17,184 | |
| Actual cumulative engine run hours | 14,784 | 14,858 | 14,930 | 15,002 | 15,074 | 15,146 | 15,218 | 15,300 | 15,381 | 15,453 | 15,525 | 15,597 | 15,673 | 15,744 | 15,816 | |
| Cumulative Availability, % | 93.3% | 93.2% | 93.1% | 93.0% | 92.9% | 92.8% | 92.7% | 92.7% | 92.6% | 92.5% | 92.4% | 92.3% | 92.2% | 92.1% | 92.0% | |
| Max cumulative gross output, kWhr | 13,068,000 | 13,147,200 | 13,226,400 | 13,305,600 | 13,384,800 | 13,464,000 | 13,543,200 | 13,622,400 | 13,701,600 | 13,780,800 | 13,860,000 | 13,939,200 | 14,018,400 | 14,097,600 | 14,176,800 | |
| Actual cumulative gross output, kWhr | 9,944,146 | 10,002,709 | 10,062,673 | 10,121,510 | 10,181,404 | 10,241,256 | 10,301,089 | 10,359,412 | 10,418,366 | 10,478,288 | 10,539,019 | 10,599,309 | 10,655,957 | 10,716,398 | 10,775,200 | |
| Cumulative Capacity Factor | 76.1% | 76.1% | 76.1% | 76.1% | 76.1% | 76.1% | 76.1% | 76.0% | 76.0% | 76.0% | 76.0% | 76.0% | 76.0% | 76.0% | 76.0% | |
| Cumulative fuel input, MMBtu HHV | 136,460 | 137,176 | 137,886 | 138,599 | 139,343 | 140,081 | 140,820 | 141,552 | 142,273 | 142,988 | 143,717 | 144,441 | 145,142 | 145,856 | 146,567 | |
| Cumulative gross output, kWhr | 9,944,146 | 10,002,709 | 10,062,673 | 10,121,510 | 10,181,404 | 10,241,256 | 10,301,089 | 10,359,412 | 10,418,366 | 10,478,288 | 10,539,019 | 10,599,309 | 10,655,957 | 10,716,398 | 10,775,200 | |
| Cumulative heat rate, Btu/kWe gross LHV | 12,353 | 12,345 | 12,335 | 12,327 | 12,320 | 12,313 | 12,306 | 12,300 | 12,293 | 12,284 | 12,276 | 12,267 | 12,261 | 12,252 | 12,245 | |
| Cumulative heat rate, Btu/kWe gross HHV | 13,723 | 13,714 | 13,703 | 13,694 | 13,686 | 13,678 | 13,670 | 13,664 | 13,656 | 13,646 | 13,637 | 13,627 | 13,621 | 13,611 | 13,602 | |
| **Service** | | | | | | | | | | | | | | | | |
| Engine 1 | | | | | | | | | | | | | | | | |
| Engine 2 | | | | | | | | | | | | | | | | |
| Engine 3 | | | | | | | | | | | | | | | | |
| Engine 4 | | | | | | | | | | | | | | | | |
| Oil - oil and filter change | tional pumps in wells ---------- | | | | | Sounding wells and well balancing, and connection to new cell by leachate cleanout | | | | | | | | | | |
| Service - plugs, air filter, valve inspection and adjust | 5 and 29. | | | | | Installation of additional pump in 13A | | | | | | | | | | |

| NSTAR Power Reports | Wednesday | Thursday | Friday | Saturday | Sunday | Monday | Tuesday | Wednesday | Thursday | Friday | Saturday | Sunday | Monday | Tuesday | Wednesday | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Date | 6/16/2010 | 6/17/2010 | 6/18/2010 | 6/19/2010 | 6/20/2010 | 6/21/2010 | 6/22/2010 | 6/23/2010 | 6/24/2010 | 6/25/2010 | 6/26/2010 | 6/27/2010 | 6/28/2010 | 6/29/2010 | 6/30/2010 | TOTAL |
| Hour | | | | | | | | | | | | | | | | |
| 1 | 2,264 | 2,439 | 2,444 | 2,356 | 2,449 | 2,448 | 2,436 | 2,429 | 2,420 | 2,426 | 2,453 | 2,456 | 2,456 | 2,452 | 2,465 | |
| 2 | 2,255 | 2,439 | 2,444 | 2,500 | 2,447 | 2,449 | 2,436 | 2,428 | 2,426 | 2,428 | 2,453 | 2,455 | 2,456 | 2,449 | 2,192 | |
| 3 | 2,248 | 2,442 | 2,445 | 2,550 | 2,447 | 2,449 | 2,433 | 2,429 | 2,426 | 2,430 | 2,455 | 2,453 | 2,456 | 2,448 | 1,714 | |
| 4 | 2,242 | 2,440 | 2,443 | 2,314 | 2,445 | 2,449 | 2,440 | 2,428 | 2,423 | 2,429 | 2,454 | 2,455 | 2,455 | 2,448 | 1,935 | |
| 5 | 2,237 | 2,441 | 2,470 | 1,610 | 2,444 | 2,448 | 2,446 | 2,429 | 2,426 | 2,424 | 2,453 | 2,456 | 2,457 | 2,446 | 2,105 | |
| 6 | 2,240 | 2,441 | 2,455 | 2,175 | 2,445 | 2,449 | 2,448 | 2,431 | 2,425 | 2,439 | 2,456 | 2,458 | 2,455 | 2,443 | 2,443 | |
| 7 | 2,264 | 2,441 | 2,445 | 2,447 | 2,447 | 2,450 | 2,450 | 2,431 | 2,423 | 2,444 | 2,456 | 2,457 | 2,458 | 2,444 | 2,456 | |
| 8 | 2,281 | 2,441 | 2,447 | 2,448 | 2,449 | 2,448 | 2,448 | 2,431 | 2,421 | 2,446 | 2,454 | 2,455 | 2,453 | 2,448 | 2,456 | |
| 9 | 2,316 | 2,439 | 2,440 | 2,450 | 2,444 | 2,443 | 2,439 | 2,426 | 2,403 | 2,448 | 2,453 | 2,454 | 2,445 | 2,455 | 2,453 | |
| 10 | 2,360 | 2,434 | 2,436 | 2,447 | 2,441 | 2,431 | 2,436 | 2,425 | 2,432 | 2,446 | 2,453 | 2,453 | 2,445 | 2,392 | 2,450 | |
| 11 | 2,498 | 2,288 | 2,436 | 2,446 | 2,441 | 2,427 | 2,434 | 2,423 | 2,418 | 2,445 | 2,451 | 2,452 | 2,350 | 2,330 | 2,450 | |
| 12 | 2,707 | 1,085 | 2,433 | 2,442 | 2,441 | 2,426 | 2,433 | 2,421 | 2,416 | 2,444 | 2,446 | 2,452 | 2,332 | 2,461 | 2,454 | |
| 13 | 2,699 | 2,423 | 2,436 | 2,442 | 2,439 | 2,422 | 2,426 | 2,423 | 2,411 | 2,444 | 2,447 | 2,449 | 2,346 | 2,461 | 2,448 | |
| 14 | 2,686 | 2,647 | 2,436 | 2,442 | 2,440 | 2,433 | 2,428 | 2,419 | 2,422 | 2,442 | 2,447 | 2,446 | 2,367 | 2,459 | 2,462 | |
| 15 | 2,668 | 2,735 | 2,436 | 2,444 | 2,442 | 2,433 | 2,411 | 2,419 | 2,429 | 2,441 | 2,446 | 2,445 | 2,411 | 2,460 | 2,454 | |
| 16 | 2,440 | 2,431 | 2,436 | 2,444 | 2,442 | 2,438 | 2,412 | 2,437 | 2,430 | 2,440 | 2,447 | 2,446 | 1,103 | 2,462 | 2,454 | |
| 17 | 2,443 | 2,440 | 2,436 | 2,443 | 2,444 | 2,438 | 2,417 | 2,417 | 2,435 | 2,441 | 2,447 | 2,447 | 1,093 | 2,464 | 2,455 | |
| 18 | 2,443 | 2,443 | 2,437 | 2,442 | 2,444 | 2,439 | 2,425 | 2,424 | 2,433 | 2,439 | 2,449 | 2,443 | 2,426 | 2,464 | 2,452 | |
| 19 | 2,442 | 2,443 | 2,439 | 2,443 | 2,446 | 2,439 | 2,428 | 2,417 | 2,436 | 2,436 | 2,445 | 2,445 | 2,449 | 2,465 | 2,450 | |
| 20 | 2,442 | 2,446 | 2,439 | 2,446 | 2,445 | 2,438 | 2,426 | 2,418 | 2,441 | 2,441 | 2,450 | 2,460 | 2,448 | 2,465 | 2,445 | |
| 21 | 2,441 | 2,445 | 2,438 | 2,442 | 2,446 | 2,438 | 2,425 | 2,417 | 2,437 | 2,443 | 2,447 | 2,454 | 2,440 | 2,465 | 2,443 | |
| 22 | 2,440 | 2,422 | 2,441 | 2,443 | 2,447 | 2,442 | 2,428 | 2,418 | 2,434 | 2,437 | 2,452 | 2,455 | 2,435 | 2,465 | 2,452 | |
| 23 | 2,438 | 2,428 | 2,441 | 2,445 | 2,445 | 2,436 | 2,426 | 2,418 | 2,432 | 2,436 | 2,448 | 2,454 | 2,443 | 2,464 | 2,452 | |
| 24 | 2,439 | 2,444 | 2,443 | 2,449 | 2,447 | 2,438 | 2,425 | 2,419 | 2,429 | 2,454 | 2,459 | 2,453 | 2,447 | 2,465 | 2,455 | |
| TOTAL | 57,933 | 57,517 | 58,596 | 57,510 | 58,667 | 58,551 | 58,356 | 58,177 | 58,228 | 58,543 | 58,821 | 58,853 | 55,626 | 58,775 | 56,995 | |
| Cumulative Output Sold, kWhr | 938,736 | 996,253 | 1,054,849 | 1,112,359 | 1,171,026 | 1,229,577 | 1,287,933 | 1,346,110 | 1,404,338 | 1,462,881 | 1,521,702 | 1,580,555 | 1,636,181 | 1,694,956 | 1,751,951 | |
| Transformer and line efficiency | 99.0% | 101.0% | 100.4% | 100.4% | 100.7% | 100.7% | 100.4% | 102.8% | 101.8% | 100.6% | 99.8% | 100.7% | 101.3% | 100.3% | 99.8% | 0.0% |
| Hourly average | 2,414 | 2,397 | 2,442 | 2,396 | 2,444 | 2,440 | 2,432 | 2,424 | 2,426 | 2,439 | 2,451 | 2,452 | 2,318 | 2,449 | 2,375 | 2,433 |

EXHIBIT 6

Calibration records of the LFG flow rate and compilation of methane content calibration reports for the California analytical analyzer for the first half 2010

**Landfill Gas Flow Calculation**

**Crapo Hill Landfill, New Bedford/Dartmouth, Massachusetts**

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

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | Engine 1, kW | 675 | 800 | 670 | 700 | 850 |
| | | | Engine 2, kW | 700 | 800 | 670 | 650 | - |
| | | | Engine 3, kW | 675 | 800 | 670 | 730 | 845 |
| | | | Engine 4, kW | 700 | 200 | 670 | 700 | 835 |
| | | | Gross, kW | 2,750 | 2,600 | 2,680 | 2,780 | 2,530 |
| MEASURING INSTRUMENT: | | | Pitot Tube: | 166 | 166 | 166 | 166 | 166 |
| | | | Manometer: | Dwyer Mark II | Dwyer Mark II | Dwyer Mark II | Dwyer Mark II | Dwyer Mark II |
| DATE OF MEASUREMENT: | | | | 6-Jan-10 | 17-Feb-10 | 25-Mar-10 | 18-May-10 | 11-Jun-10 |
| TIME OF MEASUREMENT: | | | | **13:20** | **10:30** | **2:15** | **12:30** | **14:15** |
| PARAMETERS | | | UNITS | VALUES | VALUES | VALUES | VALUES | VALUES |
| Pipe dimensions | | | | | | | | |
| | Inside Diameter | | inches | **10.420** | **10.420** | **10.420** | **10.420** | **10.420** |
| | Area of cross section | | square feet | 0.5922 | 0.5922 | 0.5922 | 0.5922 | 0.5922 |
| Flow Calculation | | | | | | | | |
| | Kp | pitot tube constant | ft/sec[(lb/lb-mole)(in. Hg)/(R)(in H20)]^1/2 | 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 |
| | dP | Average velocity pressure of stack gas | in H20 | **0.281** | **0.274** | **0.245** | **0.272** | **0.209** |
| | | | | | | | | |
| Blower Inlet | | | | | | | | |
| | Ts | Stack temperature | Degrees Fahrenheit | **70** | **68** | **68** | **78** | **80** |
| | | | Degrees Rankine | 530 | 528 | 528 | 538 | 540 |
| | Pg | Stack static pressure | inch H20 | -56 | -62 | -60 | -63 | -55 |
| | | | inch Hg | (4.12) | (4.56) | (4.41) | (4.63) | (4.05) |
| | Ps | Absolute stack gas pressure | inch Hg | 25.40 | 24.89 | 25.48 | 25.49 | 26.09 |
| Blower Outlet | | | | | | | | |
| | Ts | Stack temperature | Degrees Fahrenheit | **110** | **110** | **110** | **110** | **114** |
| | | | Degrees Rankine | 570 | 570 | 570 | 570 | 574 |
| | Pg | Stack static pressure | inch H20 | 44.3 | 47.1 | 47.1 | 47.1 | 47.1 |
| | | | inch Hg | 3.26 | 3.46 | 3.46 | 3.46 | 3.46 |
| | | | psig | 1.60 | 1.70 | 1.70 | 1.70 | 1.70 |
| | Pbar | Barometric pressure | inch Hg | **29.52** | **29.45** | **29.89** | **30.12** | **30.14** |
| | Ps | Absolute stack gas pressure | inch Hg | 32.78 | 32.91 | 33.35 | 33.58 | 33.60 |
| | Ms | Molecular weight of stack gas, wet | lb/lb-mole | 28.05 | 28.24 | 28.20 | 28.16 | 27.81 |
| | Vs | Average stack gas velocity | feet per second | 39.1 | 38.8 | 36.3 | 38.6 | 33.7 |
| | Qact | Volumetric Flow | actual cubic feet per minute | 1,389 | 1,378 | 1,289 | 1,371 | 1,197 |
| | **Qstd** | **Volumetric Flow at actual methane content** | **standard cubic feet per minute *** | **1,175** | **1,146** | **1,097** | **1,146** | **1,021** |
| | Qstd corr | Volumetric Flow at 50% methane | standard cubic feet per minute ** | 1,229 | 1,191 | 1,167 | 1,198 | 1,038 |
| | Ht HHV | Heat input | MMBtu per hour HHV | 37.32 | 36.15 | 35.42 | 36.37 | 31.52 |
| | Ht LHV | Heat input | MMBtu per hour LHV | 33.59 | 32.55 | 31.88 | 32.74 | 28.37 |
| | | Methane Content | %, vol/vol wet | 52.30% | 51.96% | 53.15% | 52.25% | 50.85% |
| Diff. between pitot tube and orifice reading: | | | | 0.3% | -2.8% | -2.8% | 0.9% | -1.0% |
| | dP | Delta pressure across orifice plate | inches H20 | **11.10** | **11.20** | **10.00** | **10.00** | **8.30** |
| | Qact | Volumetric Flow | acfm | 1,154 | 1,156 | 1,092 | 1,092 | 999 |
| | **Qstd** | **Volumetric Flow at actual methane content** | **standard cubic feet per minute *** | **1,171** | **1,178** | **1,128** | **1,136** | **1,032** |
| | Qstd | Volumetric Flow at 50% methane | standard cubic feet per minute ** | 1,225 | 1,224 | 1,199 | 1,187 | 1,049 |
| | Ht HHV | Heat input | MMBtu per hour HHV | 37.20 | 37.16 | 36.40 | 36.03 | 31.85 |
| | Ht LHV | Heat input | MMBtu per hour LHV | 33.49 | 33.45 | 32.76 | 32.43 | 28.67 |

* 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 |
| Date | 6-Jan-10 | 17-Feb-10 | 25-Mar-10 | 18-May-10 | 11-Jun-10 |
| Time | 13:20 | 10:30 | 2:15 | 12:30 | 14:15 |
| Flow valve | | | | | |
| Pipe inside diameter, inches | 10.42 | 10.42 | 10.42 | 10.42 | 10.42 |
| Orifice measurement, cfm | NA | NA | NA | NA | NA |
| Ambient Temperature, F | 57 | 40 | 40 | 55 | 65 |
| Barometric Pressure, In Hg | 29.52 | 29.45 | 29.89 | 30.12 | 30.14 |
| Blower Inlet Temperature, F | 70 | 68 | 68 | 78 | 80 |
| Outlet Temperature, F | 110 | 110 | 110 | 110 | 114 |
| Blower Inlet Pressure (SP), In H20 | -56 | -62 | -60 | -63 | -55 |
| Blower Outlet Pressure, PSIG | **1.60** | **1.70** | **1.70** | **1.70** | **1.70** |
| Blower Outlet Pressure, In H20 | 44.29 | 47.06 | 47.06 | 47.06 | 47.06 |
| Measurement | | | | | |
| Manometer | | | | | |
| Pitot Tube | | | | | |
| | | | | | |
| Velocity Pressure (dP) | | | | | |
| Point | | | | | |
| 1 | 0.26 | 0.26 | 0.24 | 0.26 | 0.2 |
| 2 | 0.28 | 0.27 | 0.24 | 0.26 | 0.21 |
| 3 | 0.28 | 0.27 | 0.24 | 0.27 | 0.21 |
| 4 | 0.28 | 0.28 | 0.24 | 0.27 | 0.21 |
| 5 | 0.28 | 0.28 | 0.24 | 0.27 | 0.21 |
| 6 | 0.28 | 0.28 | 0.25 | 0.28 | 0.21 |
| 7 | 0.3 | 0.28 | 0.25 | 0.28 | 0.21 |
| 8 | 0.29 | 0.27 | 0.26 | 0.285 | 0.21 |
| 9 | | | | | |
| Average | 0.281 | 0.274 | 0.245 | 0.272 | 0.209 |
| Gas Composition | | | | | |
| Compound, %v/v | | | | | |
| Methane (CH4) | 52.3% | 52.0% | 53.2% | 52.3% | 50.9% |
| Carbon dioxide (CO2) | 42.0% | 41.7% | 42.5% | 42.2% | 39.1% |
| Oxygen (O2) | 0.40% | 0.70% | 0.45% | 0.70% | 0.08% |
| Balance gas | 5.30% | 5.60% | 3.95% | 4.82% | 10.00% |
| Total | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% |
| | | | | | |
| Moisture (H20) (included in balance gas | 2.3% | 2.3% | 2.3% | 3.3% | 3.5% |
| Molecular weight, lb/lb-mole wet | 28.23 | 28.24 | 28.20 | 28.16 | 27.81 |
| H2S, PPMV | 150 | 160 | 160 | 120 | 140 |

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

x = waiting on cal gas.

'California Analytical' Analyzer Calibration Results

| **Month:** January 2010 | | **Methane (% v/v) measurements** | | | | | | | **Oxygen (% v/v) measurements** | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Week | Date | LFG Temp @ blower inlet | Cal Gas dry | Cal Gas wet | Pre-calibration | Zero gas | Span gas | Post-calibration | Pre-calibration | Zero gas | Span gas | Post-calibration |
| 3-Jan-10 | 7-Jan-10 | 70 Deg F | 55% | 54.31% | 52.19% | -0.06% | 52.88% | 52.39% | x | x | x | x |
| 10-Jan-10 | 14-Jan-10 | 68.5 Deg F | 55% | 54.36% | 49.57% | -0.01% | 55.85% | 49.64% | 0.99% | 0.04% | 8.95% | 0.94% |
| 17-Jan-10 | 22-Jan-10 | 67.3 Deg F | 55% | 54.38% | 53.38% | 0.12% | 53.86% | 53.16% | 0.51% | -0.08% | 8.81% | 0.57% |
| 24-Jan-10 | 27-Jan-10 | 68.4 Deg F | 55% | 54.36% | 51.68% | -0.06% | 54.09% | 51.93% | 0.70% | -0.02% | 8.89% | 0.73% |
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12feb10 O2 reading 0 due to power outage will not calibrate.

'California Analytical' Analyzer Calibration Results

| **Month:** February 2010 | | **Methane (% v/v) measurements** | | | | | | | **Oxygen (% v/v) measurements** | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Week | Date | LFG Temp @ blower inlet | Cal Gas dry | Cal Gas wet | Pre-calibration | Zero gas | Span gas | Post-calibration | Pre-calibration | Zero gas | Span gas | Post-calibration |
| 1-Feb-10 | 5-Feb-10 | 68 Deg F | 55% | 54.36% | 51.63% | 0.05% | 54.86% | 51.69% | 0.59% | -0.03% | 8.97% | 0.61% |
| 7-Feb-10 | 12-Feb-10 | 68 Deg F | 55% | 54.36% | 52.68% | 0.02% | 52.49% | 52.68% | 0.00% | -11.50% | 0.00% | 0.00% |
| 14-Feb-10 | 17-Feb-10 | 68 Deg F | 55% | 54.36% | 52.67% | 0.02% | 52.55% | 52.66% | 0.00% | -11.50% | 0.00% | 0.00% |
| 21-Feb-10 | 26-Feb-10 | 65 Deg F | 55% | 54.42% | 57.86% | 0.09% | 54.50% | 57.33% | 0.00% | -0.19% | 8.55% | 0.15% |
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'California Analytical' Analyzer Calibration Results

| **Month:** March 2010 | | **Methane (% v/v) measurements** | | | | | | | **Oxygen (% v/v) measurements** | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Week | Date | LFG Temp @ blower inlet | Cal Gas dry | Cal Gas wet | Pre-calibration | Zero gas | Span gas | Post-calibration | Pre-calibration | Zero gas | Span gas | Post-calibration |
| 1-Mar-10 | 5-Mar-10 | 65 Deg F | 55% | 54.42% | 56.84% | 0.20% | 56.10% | 56.76% | 0.28% | -0.15% | 9.03% | 0.41% |
| 7-Mar-10 | 12-Mar-10 | 67 Deg F | 55% | 54.38% | 52.95% | 0.06% | 57.34% | 51.19% | 0.58% | -0.06% | 9.03% | 0.62% |
| 14-Mar-10 | 19-Mar-10 | 66 Deg F | 55% | 54.40% | 51.80% | 0.02% | 53.33% | 51.91% | 0.81% | 0.04% | 8.78% | 0.70% |
| 21-Mar-10 | 23-Mar-10 | 69 Deg F | 55% | 54.33% | 54.50% | -0.09% | 54.17% | 54.27% | 0.21% | -0.02% | 8.85% | 0.22% |
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'California Analytical' Analyzer Calibration Results

| **Month:** April 2010 | | **Methane (% v/v) measurements** | | | | | | | **Oxygen (% v/v) measurements** | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Week | Date | LFG Temp @ blower inlet | Cal Gas dry | Cal Gas wet | Pre-calibration | Zero gas | Span gas | Post-calibration | Pre-calibration | Zero gas | Span gas | Post-calibration |
| 28-Mar-10 | 2-Apr-10 | 69 Deg F | 55% | 54.33% | 52.30% | 0.11% | 55.60% | 52.19% | 0.60% | 0.00% | 9.06% | 0.64% |
| 4-Apr-10 | 9-Apr-10 | 72 Deg F | 55% | 54.27% | 52.46% | -0.03% | 53.06% | 52.50% | 0.49% | -0.02% | 8.76% | 0.49% |
| 11-Apr-10 | 16-Apr-10 | 72 Deg F | 55% | 54.27% | 52.57% | 0.03% | 54.23% | 52.10% | 0.34% | 0.08% | 12.23% | 0.35% |
| 18-Apr-10 | 23-Apr-10 | 72 Deg F | 55% | 54.27% | 53.76% | -0.01% | 53.55% | 53.75% | 0.22% | -0.02% | 8.72% | 0.21% |
| 25-Apr-10 | 27-Apr-10 | 72 Deg F | 55% | 54.27% | 53.83% | -0.01% | 52.23% | 53.72% | 0.24% | 0.00% | 8.60% | 0.20% |
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'California Analytical' Analyzer Calibration Results

| **Month:** May 2010 | | **Methane (% v/v) measurements** | | | | | | | **Oxygen (% v/v) measurements** | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Week | Date | LFG Temp @ blower inlet | Cal Gas dry | Cal Gas wet | Pre-calibration | Zero gas | Span gas | Post-calibration | Pre-calibration | Zero gas | Span gas | Post-calibration |
| 2-May-10 | 7-May-10 | 75.9 Deg F | 55% | 54.20% | 51.35% | 0.12% | 54.45% | 52.22% | 0.25% | -0.01% | 9.12% | 0.37% |
| 16-May-10 | 20-May-10 | 78.1 Deg F | 55% | 54.12% | 51.76% | -0.01% | 54.69% | 51.26% | 0.86% | -0.01% | 8.87% | 0.86% |
| 23-May-10 | 26-May-10 | 81.3 Deg F | 55% | 54.04% | 52.86% | -0.02% | 53.02% | 53.11% | 0.45% | 0.01% | 8.85% | 0.40% |
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'California Analytical' Analyzer Calibration Results

| **Month:** June 2010 | | **Methane (% v/v) measurements** | | | | | | | **Oxygen (% v/v) measurements** | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Week | Date | LFG Temp @ blower inlet | Cal Gas dry | Cal Gas wet | Pre-calibration | Zero gas | Span gas | Post-calibration | Pre-calibration | Zero gas | Span gas | Post-calibration |
| | | | 55% | | | | | | | | | |
| 6-Jun-10 | 9-Jun-10 | 83 Deg F | 55% | 53.98% | 50.90% | 0.04% | 55.61% | 50.48% | 0.76% | 0.00% | 9.00% | 0.77% |
| 13-Jun-10 | 18-Jun-10 | 83 Deg F | 55% | 53.98% | 52.36% | 0.00% | 53.67% | 52.24% | 1.05% | 0.00% | 8.88% | 1.03% |
| 20-Jun-10 | 25-Jun-10 | 86 Deg F | 55% | 53.88% | 50.90% | -0.05% | 54.00% | 50.77% | 1.15% | -0.01% | 8.95% | 1.12% |
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