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LAKE COGEN, LTD.

NCP LAKE POWER LLC, GENERAL PARTNER

JAN 30 2008

BUREAU OF AIR REGULATION

39001 Golden Gem Dr. • Umatilla, FL 32784
Tel (352) 669-3288 • Fax (352) 669-3188

January 28, 2008

Mr. Garry Kuberski
Florida Department of Environmental Protection
3319 Maguire Blvd., Suite 232
Orlando, FL 32803

RE: Lake Cogeneration LP; Facility ID No. 0694801; Construction Permit 0694801-008-AC;
Compliance Source Test, Test Report for Unit 1 and 2

Dear Mr. Kuberski:

The SPRINT modification to the two facility CTs has been completed. Attached is a copy of the Source Test report for the testing performance of Unit 1 and Unit 2 over the period of December 18 and 19, 2007 and a certification statement. An electronic copy of this report and certification will be e-mailed to your office.

Due to time constraints, testing of Unit 2 operations with Duct Burner firing had to be postponed. It is tentatively scheduled for February 15, 2008, in order to have it completed prior to the end of the 60 day test window date of February 18, 2008. The project may need to require an extension with completing this test and will contact the Department if this is the case.

Once again, thank-you for your help with this matter. If there are any questions or concerns you may have, please feel free to contact either Jim Miller or myself. Jim can be reached by telephone at 352 669-3288. My telephone number is 775-850-2248.

For Lake Cogeneration Ltd.

Sincerely,



Thomas A. Grace, CHMM
Manager, Environmental Resources

cc: J. Delgado
 J. Miller
✓ T. Cascio, FLDEP Tallahassee

Certification

In compliance with the terms and conditions of the Title V Operating Permit for Lake Cogeneration, I hereby certify, that to the best of my knowledge, and based upon review of information provided to me by others, that the information contained in the attached Source Test Report which was performed over December 18 and 19, 2007 for the Lake Cogeneration Unit 1 and Unit 2 Combustion Turbines and Duct Burners, is true and accurate.



James Miller - Plant Manager
Lake Cogeneration Ltd.



Date

SOURCE TEST REPORT
FOR
COMBINED CYCLE COMBUSTION TURBINE – UNIT 1
WITH AND WITHOUT AUXILIARY DUCT BURNERS

COMBINED CYCLE COMBUSTION TURBINE – UNIT 2
TURBINE ONLY

COMPLIANCE EVALUATION
FOR
NATURAL GAS FIRING
OXIDES OF NITROGEN AND CARBON MONOXIDE
EMISSIONS

LAKE COGEN LIMITED
UMATILLA, FLORIDA

TITLE V PERMIT 0694801-008-AC

DECEMBER 18-19, 2007

PREPARED FOR:

CAITHNESS GENERATION SERVICES, LLC
9590 PROTOTYPE COURT
RENO, NEVADA 89521

PREPARED BY:

AIR CONSULTING AND ENGINEERING, INC.
2106 NW 67TH PLACE, SUITE 4
GAINESVILLE, FLORIDA 32653
(352) 335-1889

424-07-08

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EXECUTIVE SUMMARY

The annual compliance test results for Units 1 and 2 Combustion Turbine meet all mass emission requirements listed in the Florida Department of Environmental Protection (FDEP) Permit Number 0694801-008-AC. All tests were conducted on natural gas firing only. The units are limited to 50.2 MW generation with the SPRINT system in operation by General Electric.

Pollutant	Source	Actual Emissions	Total Plant Allowable Emissions*
UNIT 1			
NO _x	CT	41.97 lbs/hr, 24.4 ppm _{v,d} @ 15% O ₂	85.5 lbs/hr, 25ppm _{v,d} @ 15% O ₂
	DB	1.36 lbs/hr, 0.031 lbs/MMBTU	18.0 lbs/hr, 0.1 lbs/MMBTU
	CT & DB	43.35 lbs/hr	103.5 lbs/hr
CO	CT	26.5 lbs/hr, 27.6 ppm _{v,d}	56.0 lbs/hr, 28 ppm _{v,d}
	DB	2.90 lbs/hr, 0.066 lbs/MMBTU	36.0 lbs/hr, 0.2 lbs/MMBTU
	CT & DB	29.3 lbs/hr	92.0 lbs/hr
UNIT 2			
NO _x	CT	40.52 lbs/hr, 23.3 ppm _{v,d} @ 15% O ₂	85.5 lbs/hr, 25ppm _{v,d} @ 15% O ₂
	DB	NA	18.0 lbs/hr, 0.1 lbs/MMBTU
	CT & DB	NA	103.5 lbs/hr
CO	CT	26.21 lbs/hr, 27.3 ppm _{v,d}	56.0 lbs/hr, 28 ppm _{v,d}
	DB	NA	36.0 lbs/hr, 0.2 lbs/MMBTU
	CT & DB	NA	92.0 lbs/hr

* at 51°F

Emission results are provided in Tables 1 and 2.

SO₂ emissions based on fuel analysis was 0.00376 lb/hr at 49 MW for CT-1 and 0.00378 lb/hr for CT-2.

1.0 INTRODUCTION

On December 18 and 19, 2007 Air Consulting and Engineering, Inc. performed testing according to conditions stated in Construction Permit #0694801-008 AC for Carbon Monoxide (CO), Oxides of Nitrogen (NO_x) and Oxygen content (O₂) on the two Combustion Turbines,(CT-1 and CT-2) at Lake Cogen Limited in Umatilla, Florida. The spray intercooling (SPRINT) system was also in operation during these test series.

The United States Environmental Protection Agency (EPA) Methods 7E (NO_x), 3A (O₂) and 10 (CO) were used to conduct the tests.

CT-1 was tested with and without Duct Burners (DB) operating at base load, while CT-2 was tested with the turbine only in operation.

Mr. Jim Miller of Lake Cogen coordinated the tests. Mr. Garry Kuberski of the FDEP Orlando and Mr. Russell A. Wilder of the FDEP Tallahassee were present for a portion of the testing.

2.0 SUMMARY AND DISCUSSION OF RESULTS

Results of the emission tests are summarized in Tables 1 (CT-1) and 2 (CT-2), showing base load conditions with and without duct burners. The Units were fired on natural gas.

The contribution of NO_x and CO emissions of the gas fired duct burners was determined by performing a test series with and without duct burner firing. The difference in emission rates was attributed to the duct burners.

Duct burner NO_x contributions averaged 0.031 pounds per Million BTUs (lbs/MMBTU) for Unit 1. CO duct burner contributions averaged 0.066 lbs/MMBTU for Unit 1. Unit 2 could not be tested with the duct burner in operation.

Duct burner emissions were calculated using the following formula:

$$\text{lbs/MMBTU DB} = \frac{(\text{lbs/hr CT+DB}) - (\text{lbs/hr CT})}{\text{DB Heat input MMBTUH (HHV)}}$$

Units 1 and 2 without duct burners averaged 24.4 and 23.3 parts per million (ppm) NO_x at 15% O₂, respectively, which is within the permitted standard of 25 ppm at 15% O₂. CO emissions were at 27.6 and 27.3 ppm for CT-1 and CT-2, respectively.

The maximum power output of the both combustion turbines was 49 megawatts (MW) during the test series.

Mass emissions of NO_x and CO were determined by multiplying the fuel factor (8710) derived lbs/MMBTU value by the heat input in terms of higher heating value.

Gaseous emission data with data logger results and strip chart copies are provided in Appendices B and C, respectively.

Table 1. Emission Summary

Unit 1 Combustion Turbine - Gas Fired
 Lake Cogeneration, Ltd.
 Umatilla, Florida
 December 19, 2007

Run Number	Time	Oxygen %	NOx Emissions			CO Emissions			Gas Flow hscf/hr	CT Heat Input MMBTUH		Gas Flow hscf/hr	DB Heat Input MMBTUH		CT + DB Heat Input MMBTUH		DB NOx Contr. lbs MMBTU	DB CO Contr. lbs MMBTU
			ppm	ppm	lbs/hr	lbs/MMBTU	15% O2	ppm		lbs/hr	lbs/MMBTU		HHV	LHV	lbs/hr	MMBTUH	MMBTUH	
Full Load CT only																		
1	0746-0904	14.46	26.51	24.26	41.68	0.0894	28.19	26.98	0.0579	4542	466.5	421.8	NA	NA	NA	NA	NA	NA
2	0916-1030	14.46	26.54	24.28	41.79	0.0895	27.59	26.44	0.0566	4549	467.2	422.5	NA	NA	NA	NA	NA	NA
3	1042-1155	14.45	26.94	24.63	42.44	0.0908	27.06	25.92	0.0555	4551	467.4	422.7	NA	NA	NA	NA	NA	NA
Average	--	14.46	26.66	24.39	41.97	0.0899	27.61	26.45	0.0566	4547	467.0	422.3	NA	NA	NA	NA	NA	NA
Full Load CT with Duct Burner																		
1	1352-1505	13.79	27.70	22.96	43.29	0.0846	30.96	29.45	0.0576	4558	468.1	423.3	425.0	43.6	511.8	0.037	0.057	
2	1518-1629	13.80	27.62	22.94	43.29	0.0845	31.16	29.71	0.0580	4556	467.9	423.1	432.0	44.4	512.3	0.034	0.074	
3	1642-1755	13.82	27.77	23.13	43.46	0.0852	30.30	28.86	0.0566	4546	466.9	422.2	424.0	43.5	510.4	0.024	0.068	
Average	--	13.80	27.70	23.01	43.35	0.0848	30.80	29.34	0.0574	4553	467.6	422.9	427.0	43.9	511.5	0.031	0.066	

Natural Gas Fd-Factor = 8710 MMBTU/dscf MW NOx = 46 lbs/lb-mole MW CO = 28 lbs/lb-mole

Heat Input HHV = (gas flow)(1027 dry Btu/cf)(60 min/hr)/10E6

lbs/hr = ppm(2.595 x 10^E-9)MW (20.9/20.9-%O2)(Fd)(Heat Input HHV)

Allowable Emissions

NOx = 25 ppmvd @ 15%O2

CO = 28 ppmvd

DB NOx = 0.1 lbs/MMBTU

DB CO = 0.2 lbs/MMBTU

SO2 Emissions (Subpart GG NSPS) = 3.76E-03 lbs/hr CT

Duct Burner Contribution = $\frac{(\text{lbs/hr CT+DB}) - \text{lbs/hr CT}}{\text{DB Heat Input (HHV)}}$

Table 2. Emission Summary
Unit 2 Combustion Turbine - Gas Fired
Lake Cogeneration, Ltd.
Umatilla, Florida
December 18, 2007

Run Number	Time	Oxygen %	NOx Emissions				CO Emissions			Gas Flow hscf/hr	CT Heat Input MMBTUH	
			ppm	ppm	lbs/hr	lbs/MMBTU	ppm	lbs/hr	lbs/MMBTU		HHV	LHV
<u>Full Load CT only</u>												
1	0745-0907	14.42	26.17	23.83	41.52	0.0878	26.97	26.06	0.0551	4600	472.9	427.7
2	0922-1036	14.41	25.68	23.35	40.48	0.0860	27.24	26.13	0.0555	4579	470.7	425.7
3	1051-1208	14.40	25.17	22.82	39.55	0.0841	27.68	26.45	0.0563	4575	470.3	425.4
Average	---	14.41	25.67	23.33	40.52	0.0860	27.30	26.21	0.0556	4585	284.4	426.3

Natural Gas Fd-Factor = 8710 MMBTU/dscf MW NOx = 46 lbs/lb-mole MW CO = 28 lbs/lb-mole

Heat Input HHV = (gas flow)(1028 dry Btu/cf)(60 min/hr)/10E6

lbs/hr = ppm(2.595 x 10^E-9)MW (20.9/20.9-%O2)(Fd)(Heat Input HHV)

Allowable Emissions

NOx = 25 ppmvd @ 15%O2

CO = 28 ppmvd

DB NOx = 0.1 lbs/MMBTU

DB CO = 0.2 lbs/MMBTU

SO2 Emissions (Subpart GG NSPS) = 3.78E-03 lbs/hr CT

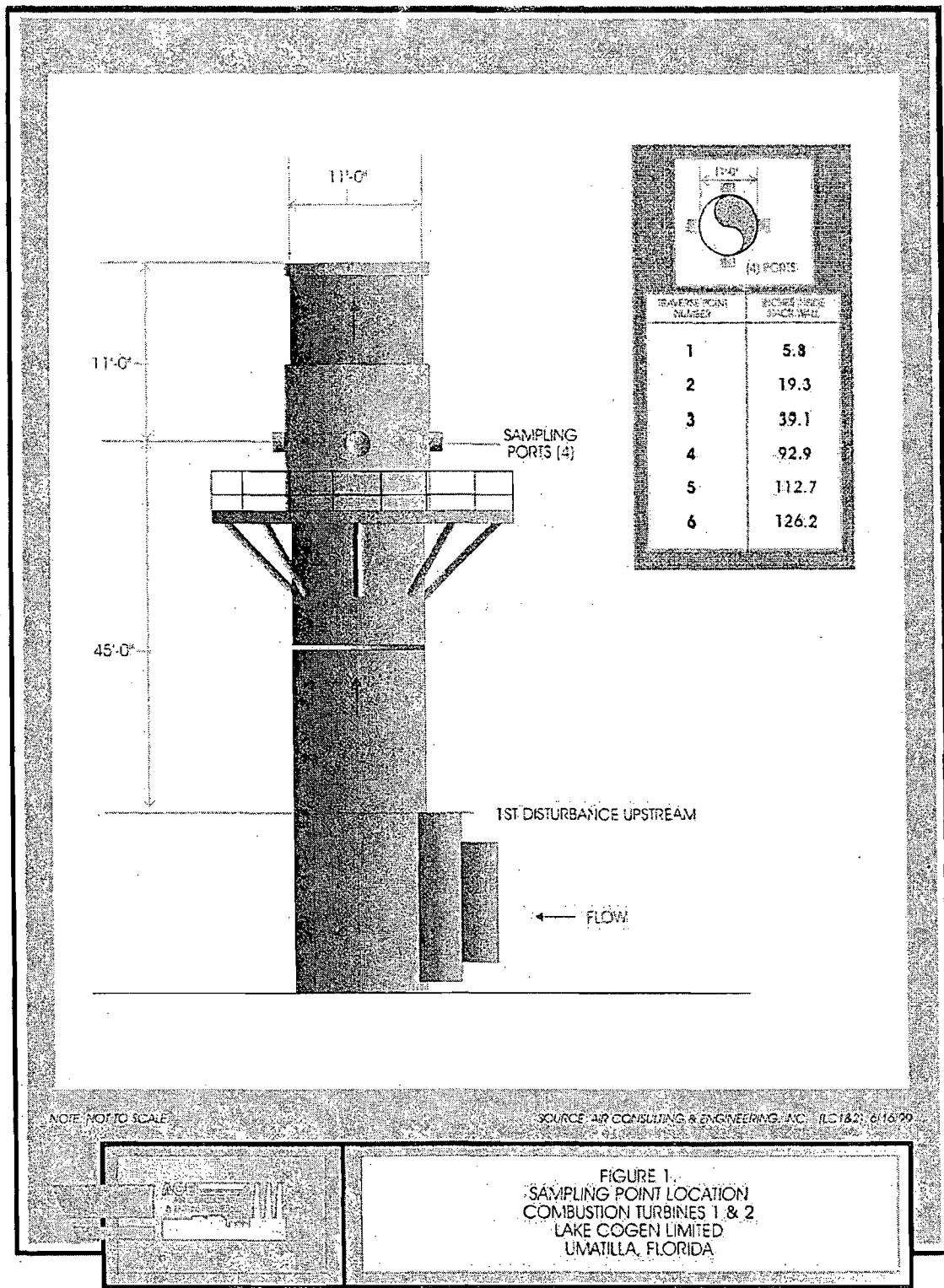
3.0 PROCESS DESCRIPTION AND OPERATION

The Lake Cogeneration Limited facility consists of two GE LM6000 PC combustion gas turbine generating sets with a nominal generating capacity of 47 MW each. The maximum heat input based on the Lower Heating Value (LHV) without the SRINT system shall not exceed 423 MMBTU/hr CT at 51°F, which produces about 47 MW. With the SPRINT system in operation, the heat input based on the LHV is 435 MMBTUH with a power output of about 50.0 MW. Each turbine is exhausted through a Heat Recovery Steam Generator (HRSG) with supplemental duct burner firing. The steam produced by the HRSG is exhausted through a common steam turbine generator originally rated for 26.5 MW. The duct burners are permitted for up to 90 MMBTU heat input each but actually operate at less than half that value. The gas turbines can be fired on either natural gas or oil. The duct burners are fired only with natural gas. The gas turbines have a chiller system, which maintains inlet combustion air at about 51°F to 58°F and 100% relative humidity year round. Water is also injected at the turbine combustor to reduce NO_x emissions.

During the compliance tests, both turbines were operated at a nominal rate of 49 MW (see Appendix E for plant production data).

4.0 SAMPLING POINT LOCATION

Each of the two gas turbine systems has an individual stack. The sampling point schematic is provided in Figure 1.



5.0 FIELD AND ANALYTICAL PROCEDURES

5.1 NSPS Gaseous Compliance Testing

Sources falling under this category are tested using the procedures outlined in the latest version of EPA RM 7E. These procedures are outlined below.

Gaseous Sampling System

The sampling train schematic is provided in Figure 2. This is an extractive non-diluted sample system.

The sample system begins with a sample probe that is generally not heated unless the control device is a wet scrubber or there are other condensable concerns. There is also no use of a gas filter at the stack if natural gas is the fuel. A limited contact moisture condenser is located as close as possible to the test probe exhaust. Alternately, heat traced Teflon line is used to deliver the moisture laden gases to the mobile emissions test lab located at the base of the stack where they are then introduced to a condenser. Either way, following moisture removal the gases are pressurized by the Teflon coated diaphragm pump, sent to a secondary condenser and finally to a manifold that divides the flow for delivery to the analyzers of interest.

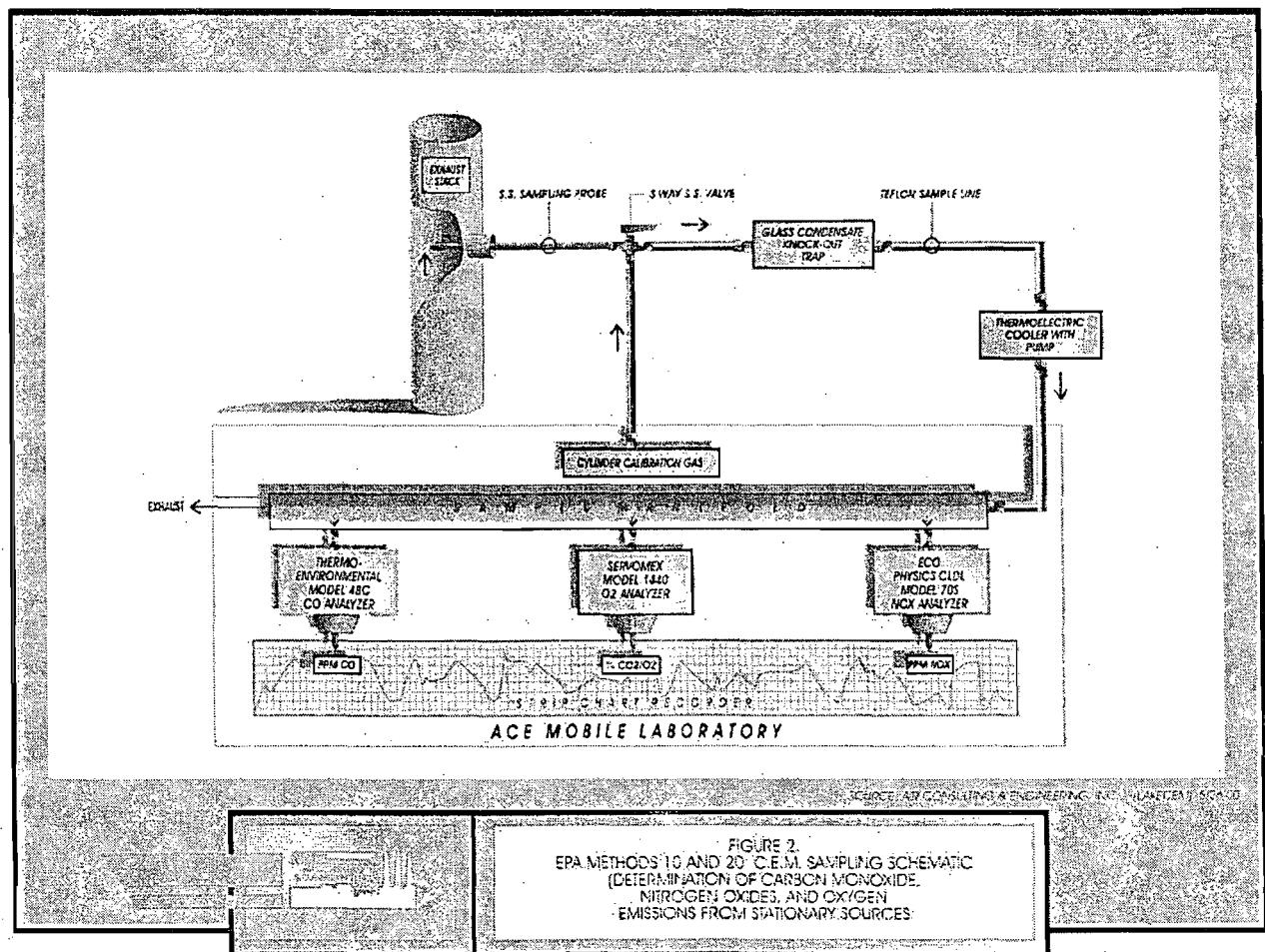
A total flow of about 10 LPM is taken from the source for delivery to the manifold. Each analyzer uses about 1 LPM and the remainder is dumped to ambient.

The system bias calibration gases (discussed below) are delivered to the sample probe via a tee at the probe exit. The probe is flooded with the cal gas so that the cal gas travels through the same path as the sample gases have traveled.

Test Criteria to be Met

Test points

For CT-1 and CT-2 test points were evaluated for stratification during RATA test Runs 1, 2 and 3. A six-point traverse per port was chosen in accordance with RM 1. Each point was tested for about five minutes. Since all test points concentration drifted by less than 5% (un-stratified), the following tests runs were conducted at a single point.



At the conclusion of the traverse the data is examined:

1. The average of all the points tested is compared to the individual points.
2. If each point is within 5% of the average of all points (or 0.5 ppm or 0.3% O₂/CO₂) the source is considered to be un-stratified and the tester may select a single sample point that best represents the average.
3. If the 5% criteria is not met the points are examined to see if they fall within 10% (or 1 ppm or 0.5% O₂/CO₂). If so the source is considered minimally stratified and you must use the three-point traverse (16.7, 50, 83.3%) for all test runs.
4. If, in addition to 1 and 2 above, you have conducted a 12-point test and that test has shown minimum stratification (<10% or 1 ppm) then you may use a three-point short measurement line (0.4, 1.0, and 2 meter) from the wall.
5. If the 10% criteria is not met the source is considered stratified and you must use all 12-points for each test.

Calibration Gases

Calibration gases are chosen such that the measured effluent concentration is between 20 and 100% of span if that is practical. Whatever the high calibration value is then defines the span for the gas of interest. A minimum of three cal gases are used. The high range gas defines the span. A mid level gas is then chosen to be 40-60% of the span value. A low level gas is <20% of span and can be a zero gas. All calibration gases must have a current valid EPA Protocol Certificate to an accuracy of $\pm 2\%$.

Calibration Error Test

Prior to testing each instrument must demonstrate linearity of the three gases to within 2% of span. This is conducted by introducing each of the gases at the manifold that feeds each analyzer or directly at each analyzer. If a dilution system is being used this test is called a "System Calibration Error Test" and the cal bases are injected at the entrance of the sampling system in the same way that the bias demonstration is conducted.

Bias Demonstration

Before and after each test run a zero and either a mid range or a span gas is introduced to the inlet of the entire measurement system. It is introduced as near as possible to the actual point from which the effluent gases are extracted. The response to each of these gases must be within 5% of span to be acceptable. Furthermore, the average run value for the gas that is measured must be bias adjusted by ratioing the average of the pre and post test checks to the certified cal gas values. This adjustment is made using the following equation:

$$C_{\text{gas}} = (C_{\text{avg}} - C_0) \frac{C_{\text{ma}}}{C_m - C_0}$$

Where:

C_{gas} = Run average adjusted for bias.

C_{avg} = Actual unadjusted run average.

C_0 = Average of pre and post zero bias results.

C_m = Average of pre and post upscale cal gas bias results.

C_{ma} = Certified upscale gas concentration.

Response Time

During the system bias checks record the time it takes to reach 95% of the upscale certified gas concentration. Do the same with the low level (or zero) gas. The longer time period is the response time.

Converter Check

When testing for NO_x a NO_2 to NO converter check must be performed. Most NO_x analyzers operate with a chemiluminescent detector which reacts only to Nitric Oxide (NO) to form NO_2 . While boilers typically contain very little NO_2 (0-2%), combustion turbines and diesel engines sometimes contain as much as 20% of the total NO_x emissions as NO_2 . For that reason it is necessary to send the sample gas stream through a reducing converter to convert NO_2 to NO. Method 7E requires the converter efficiency to be at a minimum of 90%. Since these converters deteriorate with usage the conversion efficiency should be checked before each test. Such a demonstration is allowed to be made after testing is completed or after several sources are completed, but the tester risks non-acceptance of test results if the converter then fails to meet the minimum criteria. Results of our converter check are located in the Q/A section of the ACE report appendices.

Sample Time

The sampling time per test point must be at least two times the system response time.

Drift Test

An analyzer drift test is demonstrated for each test run. The pre and post zero and upscale responses must differ by more than 3% of span.

Specific Instrumentation

NO_x was measured with an ECO Physics Model 70S chemiluminescent analyzer. O₂ and CO₂ were measured with a Servomex 1440 O₂/CO₂ analyzer. CO was measured using a Thermo Environmental Model 48 gas correlation NDIR.

APPENDIX A

FDEP PERMIT NUMBER

0694801-008-AC

(not Included)

APPENDIX B

EMISSION TEST RESULTS

CT-1

AIR CONSULTING AND ENGINEERING, INC.
2106 NW 67th Place, Suite 4, Gainesville, Florida 32653

BIAS CORRECTION AND EMISSION RESULTS

CT-1 - # 191235

LAKE COGENERATION FACILITY

UMITILLA, FLORIDA

DECEMBER 21, 2007

F NG 1040 CO2

F NG 8710 O2

Run Number: RUN 1 RATA CT ONLY

Time: 0746-0816

Parameter	Cal. Gas Value	Initial Span Values		Final Span Values		Average Bias		Run Average	Corrected Run Avg	ppm @ to 15% O2 lbs/MMBTU
		Bias	Zero	Bias	Zero	Bias	Zero			
NOx	24.67	25.21	0.72	24.99	0.69	25.10	0.70	26.67	26.26	24.02 0.0885
O2	14.00	13.99	0.02	13.99	-0.01	13.99	0.00	14.44	14.45	
CO2	6.04	6.01	0.04	6.02	0.02	6.02	0.03	3.81	3.81	
CO	28.80	28.72	-0.19	28.62	-0.21	28.67	-0.20	28.42	28.56	0.0586

Run Number: RUN 2 RATA

Time: 0834-0904

Parameter	Cal. Gas Value	Initial Span Values		Final Span Values		Average Bias		Run Average	Corrected Run Avg	ppm @ to 15% O2 lbs/MMBTU
		Bias	Zero	Bias	Zero	Bias	Zero			
NOx	24.67	24.99	0.69	24.84	0.64	24.91	0.67	26.96	26.75	24.49 0.0902
O2	14.00	13.99	-0.01	13.97	0.02	13.98	0.00	14.43	14.46	
CO2	6.04	6.02	0.02	6.01	0.03	6.02	0.03	3.81	3.81	
CO	28.8	28.62	-0.21	28.64	-0.13	28.63	-0.17	27.64	27.81	0.0571

Run Number: RUN 3 RATA

Time: 0916-0946

Parameter	Cal. Gas Value	Initial Span Values		Final Span Values		Average Bias		Run Average	Corrected Run Avg	ppm @ to 15% O2 lbs/MMBTU
		Bias	Zero	Bias	Zero	Bias	Zero			
NOx	24.67	24.84	0.64	25.27	0.49	25.05	0.57	26.80	26.43	24.20 0.0892
O2	14.00	13.97	0.02	13.97	-0.01	13.97	0.00	14.43	14.46	
CO2	6.04	6.01	0.03	6.03	0.01	6.02	0.02	3.81	3.82	
CO	28.8	28.64	-0.13	29.05	-0.10	28.84	-0.12	28.01	27.97	25.61 0.0574

AIR CONSULTING AND ENGINEERING, INC.
2106 NW 67th Place, Suite 4, Gainesville, Florida 32653

BIAS CORRECTION AND EMISSION RESULTS

CT-1 - # 191235
LAKE COGENERATION FACILITY
UMITILLA, FLORIDA
DECEMBER 21, 2007

Run Number: **RUN 4 RATA**
 Time: **1000-1030**

Parameter	Cal. Gas Value	Initial Span Values		Final Span Values		Average Bias		Run Average	Corrected Run Avg	ppm @ to 15% O2 lbs/MMBTU	
		Bias	Zero	Bias	Zero	Bias	Zero			24.36	0.0897
NOx	24.67	25.27	0.49	24.68	0.53	24.97	0.51	26.93	26.64	24.36	0.0897
O2	14.00	13.97	-0.01	13.96	0.00	13.97	-0.01	14.41	14.45		
CO2	6.04	6.03	0.01	6.01	0.01	6.02	0.01	3.82	3.83		
CO	28.8	29.05	-0.10	28.74	-0.16	28.89	-0.13	27.29	27.21		0.0558

Run Number: **RUN 5 RATA**
 Time: **1042-1112**

Parameter	Cal. Gas Value	Initial Span Values		Final Span Values		Average Bias		Run Average	Corrected Run Avg	ppm @ to 15% O2 lbs/MMBTU	
		Bias	Zero	Bias	Zero	Bias	Zero			24.58	0.0906
NOx	24.67	24.68	0.53	25.01	0.26	24.85	0.40	27.08	26.92	24.58	0.0906
O2	14.00	13.96	0.00	13.96	0.00	13.96	0.00	14.40	14.44		
CO2	6.04	6.01	0.01	6.02	0.03	6.01	0.02	3.82	3.83		
CO	28.8	28.74	-0.16	28.94	-0.11	28.84	-0.13	27.11	27.08		0.0554

Run Number: **RUN 6 RATA**
 Time: **1125-1155**

Parameter	Cal. Gas Value	Initial Span Values		Final Span Values		Average Bias		Run Average	Corrected Run Avg	ppm @ to 15% O2 lbs/MMBTU	
		Bias	Zero	Bias	Zero	Bias	Zero			24.67	0.0909
NOx	24.67	25.01	0.26	24.65	0.52	24.83	0.39	27.10	26.96	24.67	0.0909
O2	14.00	13.96	0.00	13.94	-0.01	13.95	-0.01	14.40	14.45		
CO2	6.04	6.02	0.03	6.00	0.02	6.01	0.03	3.81	3.82		
CO	28.8	28.94	-0.11	28.81	-0.13	28.88	-0.12	27.11	27.04		0.0555

AIR CONSULTING AND ENGINEERING, INC.
2106 NW 67th Place, Suite 4, Gainesville, Florida 32653

BIAS CORRECTION AND EMISSION RESULTS

CT-1 - # 191235

LAKE COGENERATION FACILITY

UMITILLA, FLORIDA

DECEMBER 21, 2007

Run Number: **RUN 7 RATA**
Time: **1352-1432** CT & DB

Parameter	Cal. Gas Value	Initial Span Values		Final Span Values		Average Bias		Run Average	Corrected Run Avg	ppm @ to 15% O2 lbs/MMBTU	
		Bias	Zero	Bias	Zero	Bias	Zero			23.03	0.0849
NOx	24.67	24.65	0.52	25.30	0.55	24.98	0.54	28.06	27.79		
O2	14.00	13.94	-0.01	13.92	0.00	13.93	0.00	13.71	13.78		
CO2	6.04	6.00	0.02	5.99	0.04	6.00	0.03	4.15	4.17		
CO	28.8	28.81	-0.13	28.90	-0.13	28.86	-0.13	30.85	30.78		0.0572
Total Gas Flow, scf/min:	0	Gas Flow (hscf/hr):									
HHV, btu/cuft:	0										

Run Number: **RUN 8 RATA**
Time: **1435-1505**

Parameter	Cal. Gas Value	Initial Span Values		Final Span Values		Average Bias		Run Average	Corrected Run Avg	ppm @ to 15% O2 lbs/MMBTU	
		Bias	Zero	Bias	Zero	Bias	Zero			22.89	0.0843
NOx	24.67	25.30	0.55	24.69	0.58	25.00	0.57	27.90	27.60		
O2	14.00	13.92	0.00	13.90	0.00	13.91	0.00	13.70	13.79		
CO2	6.04	5.99	0.04	5.98	0.02	5.98	0.03	4.16	4.19		
CO	28.8	28.90	-0.13	28.87	-0.17	28.89	-0.15	31.25	31.14		0.0579

Run Number: **RUN 9 RATA**
Time: **1518-1548**

Parameter	Cal. Gas Value	Initial Span Values		Final Span Values		Average Bias		Run Average	Corrected Run Avg	ppm @ to 15% O2 lbs/MMBTU	
		Bias	Zero	Bias	Zero	Bias	Zero			22.95	0.0845
NOx	24.67	24.69	0.58	25.16	0.48	24.93	0.53	27.85	27.63		
O2	14.00	13.90	0.00	13.91	0.01	13.90	0.00	13.70	13.80		
CO2	6.04	5.98	0.02	5.98	0.02	5.98	0.02	4.15	4.19		
CO	28.8	28.87	-0.17	28.91	-0.15	28.89	-0.16	31.26	31.15		0.0580

AIR CONSULTING AND ENGINEERING, INC.
2106 NW 67th Place, Suite 4, Gainesville, Florida 32653

BIAS CORRECTION AND EMISSION RESULTS

CT-1 - # 191235

LAKE COGENERATION FACILITY

UMITILLA, FLORIDA

DECEMBER 21, 2007

Run Number: **RUN 10 RATA**

Time: **1559-1629**

Parameter	Cal. Gas Value	Initial Span Values		Final Span Values		Average Bias		Run Average	Corrected Run Avg	ppm @ to 15% O2 lbs/MMBTU
		Bias	Zero	Bias	Zero	Bias	Zero			
NOx	24.67	25.16	0.48	24.73	0.61	24.95	0.54	27.86	27.61	22.92 0.0844
O2	14.00	13.91	0.01	13.91	0.00	13.91	0.00	13.70	13.79	
CO2	6.04	5.98	0.02	5.97	0.02	5.98	0.02	4.15	4.18	
CO	28.8	28.91	-0.15	28.82	-0.16	28.87	-0.15	31.25	31.16	0.0580

Run Number: **RUN 11 RATA**

Time: **1642-1712**

Parameter	Cal. Gas Value	Initial Span Values		Final Span Values		Average Bias		Run Average	Corrected Run Avg	ppm @ to 15% O2 lbs/MMBTU
		Bias	Zero	Bias	Zero	Bias	Zero			
NOx	24.67	24.73	0.61	25.33	0.55	25.03	0.58	27.75	27.42	22.79 0.0839
O2	14.00	13.91	0.00	13.92	0.01	13.91	0.00	13.72	13.80	
CO2	6.04	5.97	0.02	5.99	0.04	5.98	0.03	4.14	4.18	
CO	28.8	28.82	-0.16	28.90	-0.23	28.86	-0.20	31.09	31.01	0.0578

Run Number: **RUN 12 RATA**

Time: **1725-1755**

Parameter	Cal. Gas Value	Initial Span Values		Final Span Values		Average Bias		Run Average	Corrected Run Avg	ppm @ to 15% O2 lbs/MMBTU
		Bias	Zero	Bias	Zero	Bias	Zero			
NOx	24.67	25.33	0.55	24.65	0.79	24.99	0.67	28.39	28.12	23.46 0.0864
O2	14.00	13.92	0.01	13.91	-0.01	13.92	0.00	13.75	13.83	
CO2	6.04	5.99	0.04	5.98	0.03	5.99	0.03	4.13	4.16	
CO	28.8	28.90	-0.23	28.87	-0.15	28.89	-0.19	29.67	29.58	0.0553

CT-2

BIAS CORRECTION AND EMISSION RESULTS

CT-2 - # 191315

LAKE COGENERATION FACILITY

CT only

UMITILLA, FLORIDA

DECEMBER18, 2007

F NG 1040 CO2
F NG 8710 O2

Run Number: **RUN 1 RATA**
Time: **0745-0815**

Parameter	Cal. Gas Value	Initial Span Values		Final Span Values		Average Bias		Run Average	Corrected Run Avg	ppm @ to 15% O2 lbs/MMBTU
		Bias	Zero	Bias	Zero	Bias	Zero			
NOx	24.67	22.70	-0.05	22.61	0.58	22.65	0.26	24.36	26.56	24.26 0.0894
O2	14.00	14.05	-0.03	14.19	-0.01	14.12	-0.02	14.56	14.44	
CO2	6.04	6.02	0.01	6.09	0.02	6.05	0.02	3.89	3.88	
CO	28.80	29.92	-0.08	29.39	-0.01	29.65	-0.05	27.29	26.51	0.0543

Run Number: **RUN 2 RATA**
Time: **0837-0907**

Parameter	Cal. Gas Value	Initial Span Values		Final Span Values		Average Bias		Run Average	Corrected Run Avg	ppm @ to 15% O2 lbs/MMBTU
		Bias	Zero	Bias	Zero	Bias	Zero			
NOx	24.67	22.61	0.58	22.50	0.61	22.56	0.60	23.54	25.78	23.39 0.0862
O2	14.00	14.19	-0.01	14.15	-0.02	14.17	-0.02	14.57	14.40	
CO2	6.04	6.09	0.02	6.09	0.03	6.09	0.02	3.88	3.84	
CO	28.8	29.39	-0.01	29.30	-0.06	29.34	-0.03	27.94	27.42	0.0558

Run Number: **RUN 3 RATA**
Time: **0922-0952**

Parameter	Cal. Gas Value	Initial Span Values		Final Span Values		Average Bias		Run Average	Corrected Run Avg	ppm @ to 15% O2 lbs/MMBTU
		Bias	Zero	Bias	Zero	Bias	Zero			
NOx	24.67	22.50	0.61	22.51	0.76	22.50	0.68	23.55	25.85	23.54 0.0867
O2	14.00	14.15	-0.02	14.16	-0.01	14.16	-0.01	14.58	14.42	
CO2	6.04	6.09	0.03	6.09	0.03	6.09	0.03	3.89	3.85	
CO	28.8	29.30	-0.06	29.54	0.07	29.42	0.01	27.87	27.29	24.85 0.0557

BIAS CORRECTION AND EMISSION RESULTS

CT-2 - # 191315

LAKE COGENERATION FACILITY

CT only

UMITILLA, FLORIDA

DECEMBER18, 2007

Run Number: **RUN 4 RATA**

Time: **1006-1036**

Parameter	Cal. Gas Value	Initial Span Values		Final Span Values		Average Bias		Run Average	Corrected Run Avg	ppm @ to 15% O2 lbs/MMBTU	
		Bias	Zero	Bias	Zero	Bias	Zero			23.16	0.0853
NOx	24.67	22.51	0.76	22.82	0.74	22.66	0.75	23.41	25.51	23.16	0.0853
O2	14.00	14.16	-0.01	14.16	-0.02	14.16	-0.01	14.57	14.40		
CO2	6.04	6.09	0.03	6.10	0.02	6.10	0.03	3.90	3.85		
CO	28.8	29.54	0.07	29.72	0.02	29.63	0.05	27.98	27.19		0.0553

Run Number: **RUN 5 RATA**

Time: **1051-1121**

Parameter	Cal. Gas Value	Initial Span Values		Final Span Values		Average Bias		Run Average	Corrected Run Avg	ppm @ to 15% O2 lbs/MMBTU	
		Bias	Zero	Bias	Zero	Bias	Zero			22.50	0.0829
NOx	24.67	22.82	0.74	23.60	0.86	23.21	0.80	23.43	24.91	22.50	0.0829
O2	14.00	14.16	-0.02	14.15	-0.03	14.16	-0.02	14.53	14.37		
CO2	6.04	6.10	0.02	6.09	0.01	6.10	0.01	3.91	3.87		
CO	28.8	29.72	0.02	29.13	0.15	29.43	0.09	27.36	26.78		0.0542

Run Number: **RUN 6 RATA**

Time: **1138-1208**

Parameter	Cal. Gas Value	Initial Span Values		Final Span Values		Average Bias		Run Average	Corrected Run Avg	ppm @ to 15% O2 lbs/MMBTU	
		Bias	Zero	Bias	Zero	Bias	Zero			23.14	0.0853
NOx	24.67	23.60	0.86	24.02	0.44	23.81	0.65	24.53	25.43	23.14	0.0853
O2	14.00	14.15	-0.03	14.06	-0.04	14.11	-0.03	14.53	14.42		
CO2	6.04	6.09	0.01	6.06	0.01	6.08	0.01	3.91	3.88		
CO	28.8	29.13	0.15	29.07	0.15	29.10	0.15	28.88	28.58		0.0583

BIAS CORRECTION AND EMISSION RESULTS

CT-2 - # 191315

LAKE COGENERATION FACILITY

UMITILLA, FLORIDA

DECEMBER18, 2007

Run Number: RUN 7 RATA

Time: 1407-1428

CT only

Parameter	Cal. Gas Value	Initial Span Values		Final Span Values		Average Bias		Run Average	Corrected Run Avg	ppm @ to 15% O2 lbs/MMBTU
		Bias	Zero	Bias	Zero	Bias	Zero			
NOx	24.67	24.13	0.83	24.25	0.68	24.19	0.75	25.52	26.07	23.57 0.0868
O2	14.00	14.11	-0.03	14.14	0.00	14.12	-0.01	14.50	14.38	
CO2	6.04	6.11	0.01	6.11	0.04	6.11	0.02	3.92	3.87	
CO	28.8	29.46	0.14			14.73	0.07	28.07	55.01	0.1115

Run Number: RUN 8 RATA

Time: 1435-1454

Parameter	Cal. Gas Value	Initial Span Values		Final Span Values		Average Bias		Run Average	Corrected Run Avg	ppm @ to 15% O2 lbs/MMBTU
		Bias	Zero	Bias	Zero	Bias	Zero			
NOx	24.67	24.25	0.68	24.61	0.53	24.43	0.61	25.09	25.35	22.92 0.0845
O2	14.00	14.14	0.00	14.13	0.00	14.14	0.00	14.52	14.37	
CO2	6.04	6.11	0.04	6.11	0.02	6.11	0.03	3.91	3.86	

Run Number: RUN 9 RATA

Time: 1503-1524

Parameter	Cal. Gas Value	Initial Span Values		Final Span Values		Average Bias		Run Average	Corrected Run Avg	ppm @ to 15% O2 lbs/MMBTU
		Bias	Zero	Bias	Zero	Bias	Zero			
NOx	24.67	24.61	0.53	24.39	0.67	24.50	0.60	25.11	25.30	22.82 0.0841
O2	14.00	14.13	0.00	14.16	0.01	14.14	0.00	14.51	14.36	
CO2	6.04	6.11	0.02	6.12	0.05	6.11	0.04	3.92	3.86	

Run Number: RUN 10 RATA

Time: 1532-1553

Parameter	Cal. Gas Value	Initial Span Values		Final Span Values		Average Bias		Run Average	Corrected Run Avg	ppm @ to 15% O2 lbs/MMBTU
		Bias	Zero	Bias	Zero	Bias	Zero			
NOx	24.67	24.39	0.67	24.51	0.54	24.45	0.61	24.91	25.14	22.66 0.0835
O2	14.00	14.16	0.01	14.13	0.00	14.14	0.00	14.50	14.35	
CO2	6.04	6.12	0.05	6.11	0.03	6.11	0.04	3.92	3.86	

BIAS CORRECTION AND EMISSION RESULTS

CT-2 - # 191315

LAKE COGENERATION FACILITY

CT only

UMITILLA, FLORIDA

DECEMBER18, 2007

Run Number: RUN 11 RATA

Time: 1600-1621

Parameter	Cal. Gas Value	Initial Span Values		Final Span Values		Average Bias		Run Average	Corrected Run Avg	ppm @ to 15% O2 lbs/MMBTU	
		Bias	Zero	Bias	Zero	Bias	Zero			Average	Run Avg
NOx	24.67	24.51	0.54	24.18	0.67	24.34	0.60	24.85	25.20	22.73	0.0837
O2	14.00	14.13	0.00	14.16	0.00	14.14	0.00	14.51	14.36		
CO2	6.04	6.11	0.03	6.13	0.04	6.12	0.04	3.93	3.86		

APPENDIX C

DATA LOGGER COPIES

CT-1

AIR CONSULTING AND ENGINEERING, INC.
2106 NW 67th Place, Suite 4, Gainesville, Florida 32653

Summary of Emissions Test Run Averages

IDLE

CT-1 - # 191235			LAKE COGENERATION FACILITY UMITILLA, FLORIDA								UMITILLA, FLORIDA				
Date	Start Time	End Time	SVMX	O2	VMX	CO2	200EHN	NOX	I300ECO	CO-7%	O2	IOX-L/MO2	CO-L/M,O2	NOX	Comments
	%V,d	%V,d	ppmVd	ppmVd		0	L/M,D	L/M,D		L/M,D	@15%O2				
	Instantaneous:		20.64	0.18	-0.25	1.46	76.81	-0.02	0.0775		-5.5037				
12/19/07	18:04:14	18:04:54	-0.01	0.03	24.65	0.82	0.54	0.03	0.0005		6.9565 Cal:24.67 NOX				
12/19/07	5:38:28	5:38:48	20.97	0.07	-0.29	1.62	-310.10	0.09	-0.3130		23.1680 Cal:20.9 O2				
12/19/07	5:41:45	5:42:05	14.06	6.03	-0.36	0.11	0.23	0.00	0.0002		-0.3065 Cal:14.0 O2/6.04 CO2				
12/19/07	5:44:36	5:44:56	5.94	20.27	-0.35	-0.40	-0.37	0.00	-0.0004		-0.1368 Cal:5.941 O2/19.99 CO2				
12/19/07	5:49:06	5:49:26	-0.07	0.01	-0.31	44.99	29.82	0.00	0.0301		-0.0881 Cal:44.92 CO				
12/19/07	5:51:19	5:51:39	-0.08	0.00	-0.34	28.14	18.64	0.00	0.0188		-0.0961 Cal:28.8 CO				
12/19/07	5:57:13	5:57:33	-0.10	-0.01	47.32	0.77	0.51	0.05	0.0005		13.2916 Cal:47.32 NOX				
12/19/07	6:01:31	6:01:52	-0.10	-0.01	24.72	0.76	0.50	0.03	0.0005		6.9456 Cal:24.67 NOX				
12/19/07	6:07:51	6:08:31	13.98	6.00	0.28	-0.12	-0.24	0.00	-0.0002		0.2410 Cal:14.0 O2/6.04 CO2BIAS				
12/19/07	6:09:55	6:10:25	0.01	0.04	24.66	0.22	0.15	0.03	0.0001		6.9651 Cal:24.67 NOX				
12/19/07	6:12:36	6:13:07	-0.01	0.02	0.13	28.72	19.09	0.00	0.0193		0.0376 Cal:28.8 COBIAS				
12/19/07	6:59:22	7:00:02	13.99	6.01	0.72	-0.19	-0.37	0.00	-0.0004		0.6125 Cal:14.0 O2/6.04 CO2BIAS				
12/19/07	7:01:17	7:01:57	0.02	0.04	25.21	0.36	0.24	0.03	0.0002		7.1208 Cal:24.67 NOXBIAS				
12/19/07	7:46:30	7:51:00	14.44	3.81	27.13	28.08	60.41	0.10	0.0610		24.7748 RATA RUN 1,COMP. RUN 1/1,PRT 1Pt				
12/19/07	7:51:30	7:56:00	14.45	3.81	27.14	28.36	61.10	0.10	0.0617		24.8086 RATA RUN 1,COMP. RUN 1/1,PRT 1Pt				
12/19/07	7:56:30	8:01:01	14.44	3.80	26.25	28.49	61.35	0.09	0.0619		23.9959 RATA RUN 1,COMP. RUN 1/1,PRT 1Pt				
12/19/07	8:01:30	8:06:30	14.44	3.81	26.50	28.45	61.19	0.09	0.0618		24.1904 RATA RUN 1,COMP. RUN 1/1,PRT 1Pt				
12/19/07	8:07:00	8:11:30	14.44	3.80	26.49	28.62	61.57	0.09	0.0622		24.1665 RATA RUN 1,COMP. RUN 1/1,PRT 1Pt				
12/19/07	8:12:00	8:16:30	14.43	3.81	26.52	28.53	61.30	0.09	0.0619		24.1929 RATA RUN 1,COMP. RUN 1/1,PRT 1Pt				
Average of Test Points:			14.44	3.81	26.67	28.42	61.15	0.10	0.0617		24.3548 PointsAvg				
12/19/07	8:19:30	8:20:01	13.99	6.02	0.69	-0.21	-0.42	0.00	-0.0004		0.5892 Cal:14.0 O2/6.04 CO2				
12/19/07	8:21:48	8:22:17	0.00	0.04	24.99	0.59	0.39	0.03	0.0004		7.0564 Cal:24.67 NOX				
12/19/07	8:24:26	8:24:56	-0.01	0.02	0.57	28.62	19.02	0.00	0.0192		0.1602 Cal:28.8 CO				
12/19/07	8:34:32	8:39:03	14.42	3.82	27.47	27.54	59.07	0.10	0.0596		25.0092 RATA RUN 2,COMP.1/2, PORT 2Pt 6				
12/19/07	8:39:36	8:44:32	14.41	3.82	27.23	27.56	59.07	0.10	0.0596		24.7628 RATA RUN 2,COMP.1/2, PORT 2Pt 5				
12/19/07	8:45:02	8:49:32	14.42	3.82	26.86	27.63	59.27	0.10	0.0598		24.4624 RATA RUN 2,COMP.1/2, PORT 2Pt 4				
12/19/07	8:50:02	8:54:32	14.45	3.80	26.66	27.86	60.03	0.10	0.0606		24.3887 RATA RUN 2,COMP.1/2, PORT 2Pt 3				
12/19/07	8:55:02	8:59:33	14.45	3.80	26.67	27.65	59.59	0.10	0.0602		24.4062 RATA RUN 2,COMP.1/2, PORT 2Pt 2				
12/19/07	9:00:02	9:05:03	14.44	3.80	26.87	27.60	59.37	0.10	0.0599		24.5364 RATA RUN 2,COMP.1/2, PORT 2Pt 1				
Average of Test Points:			14.43	3.81	26.96	27.64	59.40	0.10	0.0600		24.5943 PointsAvg				

AIR CONSULTING AND ENGINEERING, INC.
2106 NW 67th Place, Suite 4, Gainesville, Florida 32653

Summary of Emissions Test Run Averages

IDLE

CT-1 - # 191235		LAKE COGENERATION FACILITY UMITILLA, FLORIDA							UMITILLA, FLORIDA			Comments
Date	Start Time	End Time	SVMX O2	VMX CO2	200EHN	NOX I300ECO	CO-7%	O2IOX-L/MO2	CO-L/M,O2	NOX	@15%O2	
			%V,d	%V,d	ppmVd	ppmVd	0	L/M,D	L/M,D			
12/19/07	9:08:16	9:08:46	0.79	0.06	0.81	28.64	19.91	0.00	0.0201	0.2392	Cal:28.8 CO	
12/19/07	9:10:16	9:10:46	13.97	6.01	0.64	-0.13	-0.27	0.00	-0.0003	0.5487	Cal:14.0 O2/6.04 CO2	
12/19/07	9:12:27	9:12:57	0.02	0.03	24.84	0.49	0.33	0.03	0.0003	7.0171	Cal:24.67 NOX	
12/19/07	9:16:30	9:46:01	14.43	3.81	26.80	28.01	60.13	0.10	0.0607	24.4255	RATA RUN 3,COMP.2/1,1 POINT	
12/19/07	9:51:17	9:51:46	-0.01	0.01	25.27	1.34	0.89	0.03	0.0009	7.1304	Cal:24.67 NOX	
12/19/07	9:54:30	9:55:00	13.97	6.03	0.57	-0.10	-0.19	0.00	-0.0002	0.4818	Cal:14.0 O2/6.04 CO2	
12/19/07	9:56:51	9:57:20	0.00	0.03	0.47	29.05	19.32	0.00	0.0195	0.1317	Cal:28.8 CO	
12/19/07	10:00:48	10:30:19	14.41	3.82	26.93	27.29	58.46	0.10	0.0590	24.4886	RATA RUN 4,COMP.RUN 2/2, 1 POINT	
12/19/07	10:33:23	10:34:03	0.00	0.01	0.76	28.74	19.11	0.00	0.0193	0.2158	Cal:28.8 CO	
12/19/07	10:35:41	10:36:21	13.96	6.01	0.53	-0.16	-0.32	0.00	-0.0003	0.4466	Cal:14.0 O2/6.04 CO2	
12/19/07	10:38:29	10:39:20	1.50	0.44	24.68	0.93	0.89	0.03	0.0009	7.8860	Cal:24.67 NOX	
12/19/07	10:42:38	11:12:08	14.40	3.82	27.08	27.11	57.95	0.10	0.0585	24.5670	RATA RUN 5,COMP.RUN 3/1,1 POINT	
12/19/07	11:15:39	11:16:09	-0.01	0.01	25.01	1.30	0.86	0.03	0.0009	7.0573	Cal:24.67 NOX	
12/19/07	11:18:52	11:19:23	13.96	6.02	0.47	-0.11	-0.22	0.00	-0.0002	0.3984	Cal:14.0 O2/6.04 CO2	
12/19/07	11:21:21	11:21:51	0.00	0.03	0.26	28.94	19.25	0.00	0.0194	0.0739	Cal:28.8 CO	
12/19/07	11:25:31	11:55:00	14.40	3.81	27.10	27.11	57.97	0.10	0.0585	24.6001	RATA RUN 6, COMP. RUN 3/2, 1 PON	
12/19/07	11:58:24	11:59:04	0.28	0.09	1.19	28.81	19.96	0.00	0.0201	0.6750	Cal:28.8 CO	
12/19/07	12:00:54	12:01:24	13.94	6.00	0.52	-0.13	-0.30	0.00	-0.0003	0.4408	Cal:14.0 O2/6.04 CO2	
12/19/07	12:03:35	12:04:05	-0.01	0.02	24.65	0.81	0.54	0.03	0.0005	6.9564	Cal:24.67 NOX	
12/19/07	13:52:30	14:22:00	13.71	4.15	28.06	30.85	59.67	0.09	0.0602	23.0323	RATA RUN 7, COMP.RUN 4/1,	
12/19/07	14:24:50	14:25:20	0.01	0.03	25.30	1.35	0.90	0.03	0.0009	7.1437	Cal:24.67 NOX	
12/19/07	14:28:08	14:28:48	13.92	5.99	0.55	-0.13	-0.25	0.00	-0.0003	0.4660	Cal:14.0 O2/6.04 CO2	
12/19/07	14:31:16	14:31:56	0.00	0.04	0.39	28.90	19.23	0.00	0.0194	0.1108	Cal:28.8 CO	
12/19/07	14:35:32	15:04:59	13.70	4.16	27.90	31.25	60.30	0.09	0.0609	22.8491	RATA RUN 8,COMP.RUN 4/2	
12/19/07	15:08:54	15:09:24	0.00	0.02	0.81	28.87	19.20	0.00	0.0194	0.2279	Cal:28.8 CO	
12/19/07	15:11:38	15:12:08	13.90	5.98	0.58	-0.17	-0.33	0.00	-0.0003	0.4877	Cal:14.0 O2/6.04 CO2	
12/19/07	15:14:00	15:14:30	0.00	0.03	24.69	0.54	0.36	0.03	0.0004	6.9703	Cal:24.67 NOX	
12/19/07	15:18:39	15:47:59	13.70	4.15	27.85	31.26	60.38	0.08	0.0610	22.8350	RATA RUN 9,COMP.RUN 5/1,	
12/19/07	15:51:06	15:51:36	0.01	0.02	25.16	1.33	0.89	0.03	0.0009	7.1057	Cal:24.67 NOX	
12/19/07	15:54:31	15:55:01	13.91	5.98	0.62	-0.15	-0.33	0.00	-0.0003	0.5237	Cal:14.0 O2/6.04 CO2	
12/19/07	15:56:55	15:57:24	0.01	0.03	0.48	28.91	19.23	0.00	0.0194	0.1365	Cal:28.8 CO	
12/19/07	15:59:56	16:29:17	13.70	4.15	27.86	31.25	60.33	0.08	0.0609	22.8354	RATA RUN 10,COMP.5/2,	

AIR CONSULTING AND ENGINEERING, INC.
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Summary of Emissions Test Run Averages

IDLE

CT-1 - # 191235

LAKE COGENERATION FACILITY UMITILLA, FLORIDA

UMITILLA, FLORIDA

Date	Start Time	End Time	SVMX	O2	VMX	CO2	200E	HNOX	I300ECO	CO-7%	O2	IOX-L/MO2	CO-L/M,O2	NOX	Comments
			%V,d	%V,d	ppmVd	ppmVd				0	L/M,D	L/M,D	@15%O2		
12/19/07	16:34:16	16:34:46	0.00	0.01	0.86	28.82				19.16	0.00	0.0193	0.2436	Cal:28.8 CO	
12/19/07	16:36:33	16:37:03	13.91	5.97	0.61	-0.16				-0.31	0.00	-0.0003	0.5110	Cal:14.0 O2/6.04 CO2	
12/19/07	16:38:55	16:39:25	0.00	0.02	24.73	0.56				0.37	0.03	0.0004	6.9810	Cal:24.67 NOX	
12/19/07	16:42:30	17:12:00	13.72	4.14	27.75	31.09				60.15	0.08	0.0607	22.7927	RATA RUN 11,COMP.RUN 6/1	
12/19/07	17:16:26	17:16:56	-0.01	0.01	25.33	1.25				0.83	0.03	0.0008	7.1477	Cal:24.67 NOX	
12/19/07	17:20:12	17:20:42	13.92	5.99	0.55	-0.23				-0.47	0.00	-0.0005	0.4617	Cal:14.0 O2/6.04 CO2	
12/19/07	17:22:33	17:23:03	0.01	0.04	0.42	28.90				19.23	0.00	0.0194	0.1180	Cal:28.8 CO	
12/19/07	17:25:35	17:55:05	13.75	4.13	28.39	29.67				57.65	0.09	0.0582	23.4093	RATA RUN 12,COMP.6/2	
12/19/07	17:58:56	17:59:26	0.00	0.02	1.04	28.87				19.20	0.00	0.0194	0.2936	Cal:28.8 CO	
12/19/07	18:01:19	18:01:59	13.91	5.98	0.79	-0.15				-0.29	0.00	-0.0003	0.6659	Cal:14.0 O2/6.04 CO2	
12/19/07	18:02:46	18:02:55	0.42	0.26	8.21	-0.14				-0.10	0.01	-0.0001	2.3412	Cal:24.67 NOX	
12/19/07	18:04:14	18:04:54	-0.01	0.03	24.65	0.82				0.54	0.03	0.0005	6.9565	Cal:24.67 NOX	

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Current:	11:13:02	Countdown	NA	Run Interval:	30 seconds	Cal Interval:	10 seconds	IDLE
Instrumental Reference Method On-Line Data								
CT-1 - # 191235								
LAKE COGENERATION FACILITY								
Parameter	SVMX O2 Units	SVMX CO2 %V,d	API200EHNOX ppmVd	API300ECO ppmVd	CO-7% O2 0.00	NOX-L/MO2 L/M,D	CO-L/M,O2 L/M,D	NOX @15%O2 Comments
INSTANTANEOUS:	20.64	0.18	-0.25	1.46	76.81	-0.0203	0.0775	-5.50
Interval Average:	20.64	0.18	-0.25	1.46	76.81	-0.0203	0.0775	-5.50 Cal:24.67 NOX
Average So Far	-0.01	0.03	24.65	0.82	0.5448	0.03	0.00	6.96
19-Dec-07	5:38:28	20.97	0.07	-0.29	1.62	-327.57	0.09	-0.33 23.99 Cal:20.9 O2
19-Dec-07	5:38:39	20.98	0.07	-0.29	1.62	-303.96	0.09	-0.31 22.83 Cal:20.9 O2
19-Dec-07	5:38:48	20.98	0.07	-0.29	1.62	-298.76	0.09	-0.30 22.68 Cal:20.9 O2
Average:	5:38:50	20.97	0.07	-0.29	1.62	-310.0972	0.09	-0.31 23.17 Cal:20.9 O2
Gas Value:	5:38:50	20.9	0	0	0	#N/A	#N/A	#N/A 20.9 O2
Diff%ofSpan	5:38:50	0.35%	0.33%	-0.61%	3.61%	#N/A	#N/A	#N/A #N/A
19-Dec-07	5:41:45	14.06	6.03	-0.35	0.24	0.50	0.00	0.00 -0.30 Cal:14.0 O2/6.04 CO2
19-Dec-07	5:41:55	14.06	6.03	-0.36	0.12	0.23	0.00	0.00 -0.31 Cal:14.0 O2/6.04 CO2
19-Dec-07	5:42:05	14.06	6.03	-0.36	-0.02	-0.04	0.00	0.00 -0.31 Cal:14.0 O2/6.04 CO2
Average:	5:42:13	14.06	6.03	-0.36	0.11	0.2288	0.00	0.00 -0.31 Cal:14.0 O2/6.04 CO2
Gas Value:	5:42:13	14	6.04	0	0	0	#N/A	#N/A #N/A 14.0 O2/6.04 CO2
Diff%ofSpan	5:42:13	0.27%	-0.06%	-0.75%	0.25%	2.68%	#N/A	#N/A #N/A
19-Dec-07	5:44:36	5.94	20.25	-0.36	-0.31	-0.28	0.00	0.00 -0.14 Cal:5.941 O2/19.99 CO2
19-Dec-07	5:44:46	5.94	20.27	-0.34	-0.39	-0.36	0.00	0.00 -0.13 Cal:5.941 O2/19.99 CO2
19-Dec-07	5:44:56	5.94	20.27	-0.34	-0.49	-0.46	0.00	0.00 -0.13 Cal:5.941 O2/19.99 CO2
Average:	5:44:57	5.94	20.27	-0.35	-0.40	-0.3683	0.00	0.00 -0.14 Cal:5.941 O2/19.99 CO2
Gas Value:	5:44:57	5.941	19.99	0	0	#N/A	#N/A	#N/A 5.941 O2/19.99 CO2
Diff%ofSpan	5:44:57	0.01%	1.38%	-0.73%	-0.88%	#N/A	#N/A	#N/A #N/A
19-Dec-07	5:49:06	-0.07	0.01	-0.31	45.00	29.83	0.00	0.03 -0.09 Cal:44.92 CO
19-Dec-07	5:49:17	-0.07	0.01	-0.32	44.99	29.82	0.00	0.03 -0.09 Cal:44.92 CO
19-Dec-07	5:49:26	-0.07	0.01	-0.31	44.98	29.81	0.00	0.03 -0.09 Cal:44.92 CO
Average:	5:49:31	-0.07	0.01	-0.31	44.99	29.8223	0.00	0.03 -0.09 Cal:44.92 CO
Gas Value:	5:49:31	0	0	0	44.92	#N/A	#N/A	#N/A 44.92 CO
Diff%ofSpan	5:49:31	-0.33%	0.05%	-0.66%	0.16%	#N/A	#N/A	#N/A #N/A
19-Dec-07	5:51:19	-0.08	0.00	-0.33	28.21	18.69	0.00	0.02 -0.09 Cal:28.8 CO
19-Dec-07	5:51:29	-0.08	0.00	-0.35	28.13	18.64	0.00	0.02 -0.10 Cal:28.8 CO
19-Dec-07	5:51:39	-0.08	0.00	-0.35	28.07	18.60	0.00	0.02 -0.10 Cal:28.8 CO
Average:	5:51:39	-0.08	0.00	-0.34	28.14	18.6436	0.00	0.02 -0.10 Cal:28.8 CO
Gas Value:	5:51:39	0	0	0	28.8	#N/A	#N/A	#N/A 28.8 CO
Diff%ofSpan	5:51:39	-0.37%	0.02%	-0.72%	-1.48%	#N/A	#N/A	#N/A #N/A
19-Dec-07	5:57:13	-0.10	-0.01	47.29	0.77	0.51	0.05	0.00 13.28 Cal:47.32 NOX
19-Dec-07	5:57:23	-0.10	-0.01	47.31	0.76	0.50	0.05	0.00 13.29 Cal:47.32 NOX
19-Dec-07	5:57:33	-0.10	-0.02	47.35	0.76	0.51	0.05	0.00 13.30 Cal:47.32 NOX
Average:	5:57:40	-0.10	-0.01	47.32	0.77	0.5073	0.05	0.00 13.29 Cal:47.32 NOX

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Instrumental Reference Method On-Line Data

CT-1 - # 191235

LAKE COGENERATION FACILITY

UMITILLA, FLORIDA

Parameter	SVMX O2	SVMX CO2 API200EHNOX	API300ECO	CO-7% O2	NOX-L/M02	CO-L/M,O2	NOX	Comments	Comment2
Units	%V,d	%V,d	ppmVd	ppmVd	0.00	L/M,D	L/M,D	@15%O2	
Gas Value:	5:57:40	0	0	47.32	0	0	#N/A	#N/A	#N/A 47.32 NOX
Diff%ofSpan	5:57:40	-0.49%	-0.07%	-0.01%	1.71%	5.93%	#N/A	#N/A	#N/A
19-Dec-07	6:01:31	-0.10	-0.01	24.72	0.76	0.49	0.03	0.00	6.94 Cal:24.67 NOX
19-Dec-07	6:01:41	-0.10	-0.01	24.73	0.75	0.50	0.03	0.00	6.95 Cal:24.67 NOX
19-Dec-07	6:01:52	-0.10	-0.01	24.72	0.75	0.50	0.03	0.00	6.95 Cal:24.67 NOX
Average:	6:01:52	-0.10	-0.01	24.72	0.76	0.4951	0.03	0.00	6.95 Cal:24.67 NOX
Gas Value:	6:01:52	0	0	24.67	0	#N/A	#N/A	#N/A	#N/A 24.67 NOX
Diff%ofSpan	6:01:52	-0.48%	-0.04%	0.12%	1.68%	#N/A	#N/A	#N/A	#N/A
19-Dec-07	6:07:51	13.98	6.00	0.48	-0.03	-0.06	0.00	0.00	0.41 Cal:14.0 O2/6.04 CO2
19-Dec-07	6:08:01	13.98	6.00	0.36	-0.08	-0.15	0.00	0.00	0.31 Cal:14.0 O2/6.04 CO2
19-Dec-07	6:08:11	13.98	6.01	0.26	-0.12	-0.25	0.00	0.00	0.22 Cal:14.0 O2/6.04 CO2
19-Dec-07	6:08:21	13.98	6.01	0.18	-0.17	-0.35	0.00	0.00	0.15 Cal:14.0 O2/6.04 CO2
19-Dec-07	6:08:31	13.98	6.01	0.14	-0.21	-0.41	0.00	0.00	0.12 Cal:14.0 O2/6.04 CO2
Average:	6:08:32	13.98	6.00	0.28	-0.12	-0.2433	0.00	0.00	0.24 Cal:14.0 O2/6.04 CO2
Gas Value:	6:08:32	14	6.04	0	0	0	#N/A	#N/A	#N/A 14.0 O2/6.04 CO2
Diff%ofSpan	6:08:32	-0.09%	-0.18%	0.60%	-0.27%	-2.85%	#N/A	#N/A	#N/A
19-Dec-07	6:09:55	0.02	0.05	24.60	0.06	0.04	0.03	0.00	6.95 Cal:24.67 NOX
19-Dec-07	6:10:05	0.01	0.05	24.63	0.16	0.11	0.03	0.00	6.96 Cal:24.67 NOX
19-Dec-07	6:10:15	0.01	0.04	24.67	0.28	0.18	0.03	0.00	6.97 Cal:24.67 NOX
19-Dec-07	6:10:25	0.01	0.04	24.73	0.38	0.25	0.03	0.00	6.98 Cal:24.67 NOX
Average:	6:10:30	0.01	0.04	24.66	0.22	0.1456	0.03	0.00	6.97 Cal:24.67 NOX
Gas Value:	6:10:30	0	0	24.67	0	#N/A	#N/A	#N/A	#N/A 24.67 NOX
Diff%ofSpan	6:10:30	0.06%	0.22%	-0.02%	0.49%	#N/A	#N/A	#N/A	#N/A
19-Dec-07	6:12:36	-0.01	0.02	0.14	28.69	19.08	0.00	0.02	0.04 Cal:28.8 CO
19-Dec-07	6:12:46	-0.01	0.02	0.13	28.73	19.10	0.00	0.02	0.04 Cal:28.8 CO
19-Dec-07	6:12:56	-0.01	0.01	0.13	28.73	19.10	0.00	0.02	0.04 Cal:28.8 CO
19-Dec-07	6:13:07	-0.01	0.01	0.12	28.72	19.09	0.00	0.02	0.04 Cal:28.8 CO
Average:	6:13:09	-0.01	0.02	0.13	28.72	19.0915	0.00	0.02	0.04 Cal:28.8 CO
Gas Value:	6:13:09	0	0	0	28.8	#N/A	#N/A	#N/A	#N/A 28.8 CO
Diff%ofSpan	6:13:09	-0.04%	0.08%	0.28%	-0.18%	#N/A	#N/A	#N/A	#N/A
19-Dec-07	6:59:22	13.99	6.01	0.72	-0.18	-0.37	0.00	0.00	0.62 Cal:14.0 O2/6.04 CO2
19-Dec-07	6:59:32	13.99	6.01	0.72	-0.18	-0.37	0.00	0.00	0.62 Cal:14.0 O2/6.04 CO2
19-Dec-07	6:59:42	13.99	6.01	0.71	-0.18	-0.37	0.00	0.00	0.61 Cal:14.0 O2/6.04 CO2
19-Dec-07	6:59:52	13.99	6.01	0.72	-0.19	-0.38	0.00	0.00	0.61 Cal:14.0 O2/6.04 CO2
19-Dec-07	7:00:02	13.99	6.01	0.71	-0.20	-0.38	0.00	0.00	0.60 Cal:14.0 O2/6.04 CO2
Average:	7:00:03	13.99	6.01	0.72	-0.19	-0.3738	0.00	0.00	0.61 Cal:14.0 O2/6.04 CO2
Gas Value:	7:00:03	14	6.04	0	0	0	#N/A	#N/A	#N/A 14.0 O2/6.04 CO2
Diff%ofSpan	7:00:03	-0.05%	-0.15%	1.52%	-0.42%	-4.37%	#N/A	#N/A	#N/A
19-Dec-07	7:01:17	0.02	0.05	25.16	0.16	0.10	0.03	0.00	7.11 Cal:24.67 NOX

AIR CONSULTING AND ENGINEERING, INC.
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Instrumental Reference Method On-Line Data

CT-1 - # 191235

LAKE COGENERATION FACILITY										UMITILLA, FLORIDA
Parameter	SVMX O2	SVMX CO2 API200EHNOX	API300ECO	CO-7% O2	NOX-L/M,O2	CO-L/M,O2	NOX	Comments	Comment2	
Units	%V,d	%V,d	ppmVd	ppmVd	0.00	L/M,D	L/M,D	@15%O2		
19-Dec-07	7:01:27	0.02	0.05	25.25	0.27	0.18	0.03	0.00	7.14 Cal:24.67 NOX	
19-Dec-07	7:01:37	0.01	0.04	25.28	0.36	0.24	0.03	0.00	7.14 Cal:24.67 NOX	
19-Dec-07	7:01:47	0.01	0.04	25.17	0.46	0.31	0.03	0.00	7.11 Cal:24.67 NOX	
19-Dec-07	7:01:57	0.01	0.04	25.17	0.57	0.38	0.03	0.00	7.11 Cal:24.67 NOX	
Average:	7:02:01	0.02	0.04	25.21	0.36	0.2415	0.03	0.00	7.12 Cal:24.67 NOX	
Gas Value:	7:02:01	0	0	24.67	0	#N/A	#N/A	#N/A	#N/A 24.67 NOX	
Diff%ofSpan	7:02:01	0.07%	0.22%	1.13%	0.81%	#N/A	#N/A	#N/A	#N/A	
19-Dec-07	7:46:30	14.44	3.81	27.14	28.21	60.69	0.10	0.06	24.78 RATA RUN 1,COMP. RUN 1/1,PRT 1 Pt 6	
19-Dec-07	7:47:00	14.44	3.81	27.18	28.20	60.74	0.10	0.06	24.83 RATA RUN 1,COMP. RUN 1/1,PRT 1 Pt 6	
19-Dec-07	7:47:30	14.44	3.81	27.15	28.22	60.76	0.10	0.06	24.76 RATA RUN 1,COMP. RUN 1/1,PRT 1 Pt 6	
19-Dec-07	7:48:00	14.44	3.81	27.12	28.21	60.65	0.10	0.06	24.75 RATA RUN 1,COMP. RUN 1/1,PRT 1 Pt 6	
19-Dec-07	7:48:31	14.43	3.81	27.07	28.10	60.40	0.10	0.06	24.70 RATA RUN 1,COMP. RUN 1/1,PRT 1 Pt 6	
19-Dec-07	7:49:00	14.43	3.81	27.07	28.08	60.35	0.10	0.06	24.69 RATA RUN 1,COMP. RUN 1/1,PRT 1 Pt 6	
19-Dec-07	7:49:30	14.43	3.81	27.05	28.03	60.25	0.10	0.06	24.68 RATA RUN 1,COMP. RUN 1/1,PRT 1 Pt 6	
19-Dec-07	7:50:00	14.44	3.81	27.12	27.95	60.07	0.10	0.06	24.80 RATA RUN 1,COMP. RUN 1/1,PRT 1 Pt 6	
19-Dec-07	7:50:30	14.44	3.81	27.17	27.91	60.06	0.10	0.06	24.81 RATA RUN 1,COMP. RUN 1/1,PRT 1 Pt 6	
19-Dec-07	7:51:00	14.44	3.81	27.29	27.93	60.18	0.10	0.06	24.94 RATA RUN 1,COMP. RUN 1/1,PRT 1 Pt 6	
Average:	7:51:00	14.44	3.81	27.13	28.08	60.4145	0.10	0.06	24.77 RATA RUN 1,COMP. RUN 1/1,PRT 1	
Maximum	7:51:00	14.44	3.81	27.29	28.22	60.76	0.10	0.06	24.94 RATA RUN 1,COMP. RUN 1/1,PRT 1	
Minimum	7:51:00	14.43	3.81	27.05	27.91	60.06	0.10	0.06	24.68 RATA RUN 1,COMP. RUN 1/1,PRT 1	
Std Dev	7:51:00	0.00	0.00	0.07	0.12	0.28	0.00	0.00	0.08 RATA RUN 1,COMP. RUN 1/1,PRT 1	
19-Dec-07	7:51:30	14.44	3.81	27.28	27.99	60.27	0.10	0.06	24.93 RATA RUN 1,COMP. RUN 1/1,PRT 1 Pt 5	
19-Dec-07	7:52:00	14.44	3.81	27.28	28.07	60.52	0.10	0.06	24.94 RATA RUN 1,COMP. RUN 1/1,PRT 1 Pt 5	
19-Dec-07	7:52:34	14.44	3.81	27.26	28.14	60.58	0.10	0.06	24.91 RATA RUN 1,COMP. RUN 1/1,PRT 1 Pt 5	
19-Dec-07	7:53:00	14.44	3.81	27.22	28.27	60.98	0.10	0.06	24.84 RATA RUN 1,COMP. RUN 1/1,PRT 1 Pt 5	
19-Dec-07	7:53:30	14.44	3.81	27.15	28.38	61.09	0.10	0.06	24.81 RATA RUN 1,COMP. RUN 1/1,PRT 1 Pt 5	
19-Dec-07	7:54:43	14.45	3.81	27.15	28.46	61.31	0.10	0.06	24.82 RATA RUN 1,COMP. RUN 1/1,PRT 1 Pt 5	
19-Dec-07	7:54:44	14.45	3.81	27.03	28.56	61.53	0.10	0.06	24.72 RATA RUN 1,COMP. RUN 1/1,PRT 1 Pt 5	
19-Dec-07	7:55:00	14.45	3.80	27.02	28.57	61.53	0.10	0.06	24.70 RATA RUN 1,COMP. RUN 1/1,PRT 1 Pt 5	
19-Dec-07	7:55:30	14.45	3.80	27.03	28.58	61.57	0.10	0.06	24.72 RATA RUN 1,COMP. RUN 1/1,PRT 1 Pt 5	
19-Dec-07	7:56:00	14.45	3.80	26.99	28.57	61.57	0.10	0.06	24.69 RATA RUN 1,COMP. RUN 1/1,PRT 1 Pt 5	
Average:	7:56:00	14.45	3.81	27.14	28.36	61.0956	0.10	0.06	24.81 RATA RUN 1,COMP. RUN 1/1,PRT 1	
Maximum	7:56:00	14.45	3.81	27.28	28.58	61.57	0.10	0.06	24.94 RATA RUN 1,COMP. RUN 1/1,PRT 1	
Minimum	7:56:00	14.44	3.80	26.99	27.99	60.27	0.10	0.06	24.69 RATA RUN 1,COMP. RUN 1/1,PRT 1	
Std Dev	7:56:00	0.00	0.00	0.12	0.23	0.49	0.00	0.00	0.10 RATA RUN 1,COMP. RUN 1/1,PRT 1	
19-Dec-07	7:56:30	14.45	3.80	26.91	28.56	61.56	0.10	0.06	24.61 RATA RUN 1,COMP. RUN 1/1,PRT 1 Pt 4	
19-Dec-07	7:57:00	14.45	3.80	26.74	28.58	61.58	0.10	0.06	24.46 RATA RUN 1,COMP. RUN 1/1,PRT 1 Pt 4	
19-Dec-07	7:57:30	14.45	3.80	26.54	28.58	61.55	0.09	0.06	24.27 RATA RUN 1,COMP. RUN 1/1,PRT 1 Pt 4	
19-Dec-07	7:58:00	14.44	3.81	26.28	28.56	61.50	0.09	0.06	24.02 RATA RUN 1,COMP. RUN 1/1,PRT 1 Pt 4	

AIR CONSULTING AND ENGINEERING, INC.
2106 NW 67th Place, Suite 4, Gainesville, Florida 32653

Instrumental Reference Method On-Line Data

CT-1 - # 191235

LAKE COGENERATION FACILITY

UMITILLA, FLORIDA

Parameter Units	SVMX O2 %V,d	SVMX CO2 API200EHNOX %V,d	API300ECO ppmVd	CO-7% O2 ppmVd	NOX-L/MO2 0.00	CO-L/M,O2 L/M,D	NOX L/M,D @15%O2	Comments	Comment2
19-Dec-07	7:58:30	14.44	3.80	26.04	28.53	61.40	0.09	0.06	23.71 RATA RUN 1,COMP. RUN 1/1,PRT 1 Pt 4
19-Dec-07	7:59:00	14.44	3.81	25.93	28.48	61.32	0.09	0.06	23.69 RATA RUN 1,COMP. RUN 1/1,PRT 1 Pt 4
19-Dec-07	7:59:31	14.44	3.81	25.91	28.43	61.20	0.09	0.06	23.68 RATA RUN 1,COMP. RUN 1/1,PRT 1 Pt 4
19-Dec-07	8:00:00	14.44	3.81	25.91	28.43	61.16	0.09	0.06	23.78 RATA RUN 1,COMP. RUN 1/1,PRT 1 Pt 4
19-Dec-07	8:00:30	14.44	3.81	26.05	28.40	61.14	0.09	0.06	23.80 RATA RUN 1,COMP. RUN 1/1,PRT 1 Pt 4
19-Dec-07	8:01:01	14.44	3.81	26.15	28.38	61.13	0.09	0.06	23.94 RATA RUN 1,COMP. RUN 1/1,PRT 1 Pt 4
Average:	8:01:01	14.44	3.80	26.25	28.49	61.3532	0.09	0.06	24.00 RATA RUN 1,COMP. RUN 1/1,PRT 1
Maximum	8:01:01	14.45	3.81	26.91	28.58	61.58	0.10	0.06	24.61 RATA RUN 1,COMP. RUN 1/1,PRT 1
Minimum	8:01:01	14.44	3.80	25.91	28.38	61.13	0.09	0.06	23.68 RATA RUN 1,COMP. RUN 1/1,PRT 1
Std Dev	8:01:01	0.00	0.00	0.36	0.08	0.19	0.00	0.00	0.34 RATA RUN 1,COMP. RUN 1/1,PRT 1
19-Dec-07	8:01:30	14.44	3.81	26.37	28.41	61.11	0.09	0.06	24.08 RATA RUN 1,COMP. RUN 1/1,PRT 1 Pt 3
19-Dec-07	8:02:00	14.44	3.81	26.41	28.44	61.16	0.09	0.06	24.12 RATA RUN 1,COMP. RUN 1/1,PRT 1 Pt 3
19-Dec-07	8:02:30	14.44	3.81	26.52	28.43	61.16	0.09	0.06	24.21 RATA RUN 1,COMP. RUN 1/1,PRT 1 Pt 3
19-Dec-07	8:03:01	14.44	3.81	26.55	28.45	61.21	0.09	0.06	24.24 RATA RUN 1,COMP. RUN 1/1,PRT 1 Pt 3
19-Dec-07	8:03:31	14.44	3.81	26.58	28.48	61.24	0.09	0.06	24.26 RATA RUN 1,COMP. RUN 1/1,PRT 1 Pt 3
19-Dec-07	8:04:00	14.44	3.81	26.54	28.50	61.28	0.09	0.06	24.22 RATA RUN 1,COMP. RUN 1/1,PRT 1 Pt 3
19-Dec-07	8:04:30	14.44	3.81	26.48	28.48	61.24	0.09	0.06	24.18 RATA RUN 1,COMP. RUN 1/1,PRT 1 Pt 3
19-Dec-07	8:05:00	14.43	3.81	26.47	28.45	61.17	0.09	0.06	24.16 RATA RUN 1,COMP. RUN 1/1,PRT 1 Pt 3
19-Dec-07	8:05:30	14.43	3.81	26.48	28.45	61.18	0.09	0.06	24.19 RATA RUN 1,COMP. RUN 1/1,PRT 1 Pt 3
19-Dec-07	8:06:00	14.43	3.81	26.52	28.45	61.14	0.09	0.06	24.19 RATA RUN 1,COMP. RUN 1/1,PRT 1 Pt 3
19-Dec-07	8:06:30	14.43	3.81	26.55	28.44	61.14	0.09	0.06	24.25 RATA RUN 1,COMP. RUN 1/1,PRT 1 Pt 3
Average:	8:06:30	14.44	3.81	26.50	28.45	61.1853	0.09	0.06	24.19 RATA RUN 1,COMP. RUN 1/1,PRT 1
Maximum	8:06:30	14.44	3.81	26.58	28.50	61.28	0.09	0.06	24.26 RATA RUN 1,COMP. RUN 1/1,PRT 1
Minimum	8:06:30	14.43	3.81	26.37	28.41	61.11	0.09	0.06	24.08 RATA RUN 1,COMP. RUN 1/1,PRT 1
Std Dev	8:06:30	0.00	0.00	0.06	0.02	0.05	0.00	0.00	0.06 RATA RUN 1,COMP. RUN 1/1,PRT 1
19-Dec-07	8:07:00	14.43	3.81	26.60	28.48	61.22	0.09	0.06	24.25 RATA RUN 1,COMP. RUN 1/1,PRT 1 Pt 2
19-Dec-07	8:07:30	14.43	3.81	26.65	28.53	61.29	0.09	0.06	24.29 RATA RUN 1,COMP. RUN 1/1,PRT 1 Pt 2
19-Dec-07	8:08:00	14.44	3.81	26.71	28.59	61.55	0.10	0.06	24.37 RATA RUN 1,COMP. RUN 1/1,PRT 1 Pt 2
19-Dec-07	8:08:30	14.44	3.81	26.68	28.66	61.65	0.10	0.06	24.37 RATA RUN 1,COMP. RUN 1/1,PRT 1 Pt 2
19-Dec-07	8:09:00	14.44	3.80	26.59	28.70	61.75	0.09	0.06	24.20 RATA RUN 1,COMP. RUN 1/1,PRT 1 Pt 2
19-Dec-07	8:09:30	14.44	3.80	26.49	28.68	61.73	0.09	0.06	24.20 RATA RUN 1,COMP. RUN 1/1,PRT 1 Pt 2
19-Dec-07	8:10:00	14.44	3.80	26.40	28.66	61.64	0.09	0.06	24.03 RATA RUN 1,COMP. RUN 1/1,PRT 1 Pt 2
19-Dec-07	8:10:30	14.44	3.80	26.24	28.65	61.64	0.09	0.06	23.97 RATA RUN 1,COMP. RUN 1/1,PRT 1 Pt 2
19-Dec-07	8:11:00	14.44	3.80	26.22	28.65	61.63	0.09	0.06	23.98 RATA RUN 1,COMP. RUN 1/1,PRT 1 Pt 2
19-Dec-07	8:11:30	14.44	3.80	26.28	28.64	61.61	0.09	0.06	23.99 RATA RUN 1,COMP. RUN 1/1,PRT 1 Pt 2
Average:	8:11:30	14.44	3.80	26.49	28.62	61.5714	0.09	0.06	24.17 RATA RUN 1,COMP. RUN 1/1,PRT 1
Maximum	8:11:30	14.44	3.81	26.71	28.70	61.75	0.10	0.06	24.37 RATA RUN 1,COMP. RUN 1/1,PRT 1.
Minimum	8:11:30	14.43	3.80	26.22	28.48	61.22	0.09	0.06	23.97 RATA RUN 1,COMP. RUN 1/1,PRT 1
Std Dev	8:11:30	0.01	0.00	0.19	0.07	0.18	0.00	0.00	0.16 RATA RUN 1,COMP. RUN 1/1,PRT 1

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Instrumental Reference Method On-Line Data

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UMITILLA, FLORIDA

Parameter	SVMX O2	SVMX CO2	API200EHNOX	API300ECO	CO-7% O2	NOX-L/MO2	CO-L/M,O2	NOX	Comments	Comment2
Units	%V,d	%V,d	ppmVd	ppmVd	0.00	L/M,D	L/M,D	@15%O2		
19-Dec-07	8:12:00	14.44	3.81	26.34	28.62	61.56	0.09	0.06	24.04 RATA RUN 1,COMP. RUN 1/1,PRT 1	Pt 1
19-Dec-07	8:12:30	14.43	3.81	26.38	28.62	61.52	0.09	0.06	24.07 RATA RUN 1,COMP. RUN 1/1,PRT 1	Pt 1
19-Dec-07	8:13:00	14.43	3.81	26.43	28.60	61.46	0.09	0.06	24.11 RATA RUN 1,COMP. RUN 1/1,PRT 1	Pt 1
19-Dec-07	8:13:31	14.43	3.81	26.45	28.55	61.34	0.09	0.06	24.12 RATA RUN 1,COMP. RUN 1/1,PRT 1	Pt 1
19-Dec-07	8:14:00	14.43	3.81	26.51	28.50	61.24	0.09	0.06	24.18 RATA RUN 1,COMP. RUN 1/1,PRT 1	Pt 1
19-Dec-07	8:14:30	14.43	3.81	26.55	28.52	61.26	0.09	0.06	24.21 RATA RUN 1,COMP. RUN 1/1,PRT 1	Pt 1
19-Dec-07	8:15:00	14.43	3.81	26.59	28.50	61.26	0.09	0.06	24.26 RATA RUN 1,COMP. RUN 1/1,PRT 1	Pt 1
19-Dec-07	8:15:30	14.43	3.81	26.64	28.49	61.20	0.09	0.06	24.30 RATA RUN 1,COMP. RUN 1/1,PRT 1	Pt 1
19-Dec-07	8:16:01	14.43	3.81	26.67	28.47	61.18	0.10	0.06	24.32 RATA RUN 1,COMP. RUN 1/1,PRT 1	Pt 1
19-Dec-07	8:16:30	14.43	3.81	26.68	28.44	61.01	0.09	0.06	24.31 RATA RUN 1,COMP. RUN 1/1,PRT 1	Pt 1
Average:	8:16:30	14.43	3.81	26.52	28.53	61.3039	0.09	0.06	24.19 RATA RUN 1,COMP. RUN 1/1,PRT 1	
Maximum	8:16:30	14.44	3.81	26.68	28.62	61.56	0.10	0.06	24.32 RATA RUN 1,COMP. RUN 1/1,PRT 1	
Minimum	8:16:30	14.43	3.81	26.34	28.44	61.01	0.09	0.06	24.04 RATA RUN 1,COMP. RUN 1/1,PRT 1	
Std Dev	8:16:30	0.00	0.00	0.12	0.06	0.17	0.00	0.00	0.10 RATA RUN 1,COMP. RUN 1/1,PRT 1	
PointAvg:	8:16:30	14.44	3.81	26.67	28.42	61.15	0.10	0.06	24.35 RATA RUN 1,COMP. RUN 1/1,PRT 1	
19-Dec-07	8:19:20	14.03	5.80	3.26	2.66	5.74	0.01	0.01	2.94 Cal:14.0 O2/6.04 CO2	
19-Dec-07	8:19:30	13.99	6.02	0.67	-0.20	-0.40	0.00	0.00	0.58 Cal:14.0 O2/6.04 CO2	
19-Dec-07	8:19:40	13.99	6.03	0.68	-0.20	-0.41	0.00	0.00	0.58 Cal:14.0 O2/6.04 CO2	
19-Dec-07	8:19:50	13.99	6.02	0.70	-0.21	-0.43	0.00	0.00	0.59 Cal:14.0 O2/6.04 CO2	
19-Dec-07	8:20:01	13.99	6.02	0.71	-0.21	-0.43	0.00	0.00	0.61 Cal:14.0 O2/6.04 CO2	
Average:	8:20:03	13.99	6.02	0.69	-0.21	-0.4181	0.00	0.00	0.59 Cal:14.0 O2/6.04 CO2	
Gas Value:	8:20:03	14	6.04	0	0	0	#N/A	#N/A	#N/A 14.0 O2/6.04 CO2	
Diff%ofSpan	8:20:03	-0.06%	-0.08%	1.46%	-0.46%	-4.89%	#N/A	#N/A	#N/A	
19-Dec-07	8:21:48	0.01	0.04	24.92	0.44	0.29	0.03	0.00	7.04 Cal:24.67 NOX	
19-Dec-07	8:21:57	0.00	0.04	25.00	0.54	0.36	0.03	0.00	7.06 Cal:24.67 NOX	
19-Dec-07	8:22:07	0.00	0.03	25.01	0.64	0.43	0.03	0.00	7.06 Cal:24.67 NOX	
19-Dec-07	8:22:17	0.00	0.03	25.04	0.75	0.50	0.03	0.00	7.07 Cal:24.67 NOX	
Average:	8:22:18	0.00	0.04	24.99	0.59	0.3930	0.03	0.00	7.06 Cal:24.67 NOX	
Gas Value:	8:22:18	0	0	24.67	0	#N/A	#N/A	#N/A	#N/A 24.67 NOX	
Diff%ofSpan	8:22:18	0.01%	0.18%	0.68%	1.32%	#N/A	#N/A	#N/A	#N/A	
19-Dec-07	8:24:26	-0.01	0.02	0.57	28.61	19.02	0.00	0.02	0.16 Cal:28.8 CO	
19-Dec-07	8:24:36	-0.01	0.02	0.58	28.62	19.02	0.00	0.02	0.16 Cal:28.8 CO	
19-Dec-07	8:24:46	-0.02	0.02	0.57	28.62	19.02	0.00	0.02	0.16 Cal:28.8 CO	
19-Dec-07	8:24:56	-0.02	0.02	0.56	28.62	19.02	0.00	0.02	0.16 Cal:28.8 CO	
Average:	8:24:57	-0.01	0.02	0.57	28.62	19.0188	0.00	0.02	0.16 Cal:28.8 CO	
Gas Value:	8:24:57	0	0	0	28.8	#N/A	#N/A	#N/A	#N/A 28.8 CO	
Diff%ofSpan	8:24:57	-0.07%	0.10%	1.20%	-0.41%	#N/A	#N/A	#N/A	#N/A	
19-Dec-07	8:34:32	14.42	3.81	27.51	27.74	59.45	0.10	0.06	25.03 RATA RUN 2,COMP.1/2, PORT 2	Pt 6
19-Dec-07	8:35:03	14.42	3.81	27.52	27.62	59.20	0.10	0.06	25.04 RATA RUN 2,COMP.1/2, PORT 2	Pt 6

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LAKE COGENERATION FACILITY

UMITILLA, FLORIDA

Parameter	SVMX O2	SVMX CO2 API200EHNOX	API300ECO	CO-7% O2	NOX-L/M02	CO-L/M,O2	NOX	Comments	Comment2
Units	%V,d	%V,d	ppmVd	ppmVd	0.00	L/M,D	L/M,D @15%O2		
19-Dec-07	8:35:32	14.42	3.81	27.48	27.55	59.05	0.10	0.06	25.00 RATA RUN 2,COMP.1/2, PORT 2 Pt 6
19-Dec-07	8:36:06	14.42	3.82	27.48	27.55	59.05	0.10	0.06	25.00 RATA RUN 2,COMP.1/2, PORT 2 Pt 6
19-Dec-07	8:36:32	14.42	3.82	27.47	27.55	59.12	0.10	0.06	25.02 RATA RUN 2,COMP.1/2, PORT 2 Pt 6
19-Dec-07	8:37:05	14.44	3.82	27.48	27.53	59.22	0.10	0.06	25.09 RATA RUN 2,COMP.1/2, PORT 2 Pt 6
19-Dec-07	8:37:32	14.42	3.82	27.48	27.51	58.99	0.10	0.06	25.02 RATA RUN 2,COMP.1/2, PORT 2 Pt 6
19-Dec-07	8:38:02	14.42	3.82	27.49	27.48	58.91	0.10	0.06	25.01 RATA RUN 2,COMP.1/2, PORT 2 Pt 6
19-Dec-07	8:38:32	14.42	3.82	27.44	27.46	58.85	0.10	0.06	24.96 RATA RUN 2,COMP.1/2, PORT 2 Pt 6
19-Dec-07	8:39:03	14.42	3.82	27.37	27.45	58.82	0.10	0.06	24.92 RATA RUN 2,COMP.1/2, PORT 2 Pt 6
Average:	8:39:03	14.42	3.82	27.47	27.54	59.0672	0.10	0.06	25.01 RATA RUN 2,COMP.1/2, PORT 2
Maximum									
Minimum									
Std Dev									
19-Dec-07	8:39:36	14.42	3.82	27.34	27.45	58.85	0.10	0.06	24.88 RATA RUN 2,COMP.1/2, PORT 2 Pt 5
19-Dec-07	8:40:02	14.41	3.82	27.25	27.47	58.84	0.10	0.06	24.74 RATA RUN 2,COMP.1/2, PORT 2 Pt 5
19-Dec-07	8:40:33	14.41	3.82	27.14	27.51	58.92	0.10	0.06	24.67 RATA RUN 2,COMP.1/2, PORT 2 Pt 5
19-Dec-07	8:41:03	14.41	3.82	27.12	27.53	59.00	0.10	0.06	24.67 RATA RUN 2,COMP.1/2, PORT 2 Pt 5
19-Dec-07	8:41:32	14.41	3.82	27.11	27.57	59.08	0.10	0.06	24.66 RATA RUN 2,COMP.1/2, PORT 2 Pt 5
19-Dec-07	8:42:02	14.41	3.82	27.14	27.57	59.07	0.10	0.06	24.68 RATA RUN 2,COMP.1/2, PORT 2 Pt 5
19-Dec-07	8:42:35	14.41	3.82	27.19	27.63	59.22	0.10	0.06	24.73 RATA RUN 2,COMP.1/2, PORT 2 Pt 5
19-Dec-07	8:43:03	14.41	3.82	27.25	27.64	59.24	0.10	0.06	24.79 RATA RUN 2,COMP.1/2, PORT 2 Pt 5
19-Dec-07	8:43:32	14.41	3.82	27.33	27.62	59.20	0.10	0.06	24.86 RATA RUN 2,COMP.1/2, PORT 2 Pt 5
19-Dec-07	8:44:02	14.41	3.82	27.33	27.60	59.14	0.10	0.06	24.86 RATA RUN 2,COMP.1/2, PORT 2 Pt 5
19-Dec-07	8:44:32	14.41	3.82	27.32	27.62	59.20	0.10	0.06	24.86 RATA RUN 2,COMP.1/2, PORT 2 Pt 5
Average:	8:44:32	14.41	3.82	27.23	27.56	59.0686	0.10	0.06	24.76 RATA RUN 2,COMP.1/2, PORT 2
Maximum									
Minimum									
Std Dev									
19-Dec-07	8:45:02	14.42	3.82	27.33	27.63	59.20	0.10	0.06	24.88 RATA RUN 2,COMP.1/2, PORT 2 Pt 4
19-Dec-07	8:45:32	14.42	3.82	27.34	27.61	59.19	0.10	0.06	24.88 RATA RUN 2,COMP.1/2, PORT 2 Pt 4
19-Dec-07	8:46:02	14.42	3.82	27.26	27.61	59.21	0.10	0.06	24.81 RATA RUN 2,COMP.1/2, PORT 2 Pt 4
19-Dec-07	8:46:32	14.42	3.82	27.14	27.60	59.20	0.10	0.06	24.71 RATA RUN 2,COMP.1/2, PORT 2 Pt 4
19-Dec-07	8:47:02	14.42	3.82	26.90	27.58	59.15	0.10	0.06	24.49 RATA RUN 2,COMP.1/2, PORT 2 Pt 4
19-Dec-07	8:47:32	14.42	3.82	26.70	27.58	59.17	0.09	0.06	24.31 RATA RUN 2,COMP.1/2, PORT 2 Pt 4
19-Dec-07	8:48:02	14.42	3.82	26.51	27.62	59.22	0.09	0.06	24.13 RATA RUN 2,COMP.1/2, PORT 2 Pt 4
19-Dec-07	8:48:32	14.42	3.82	26.43	27.65	59.28	0.09	0.06	24.05 RATA RUN 2,COMP.1/2, PORT 2 Pt 4
19-Dec-07	8:49:02	14.43	3.82	26.49	27.68	59.43	0.09	0.06	24.14 RATA RUN 2,COMP.1/2, PORT 2 Pt 4
19-Dec-07	8:49:32	14.44	3.81	26.53	27.74	59.68	0.09	0.06	24.23 RATA RUN 2,COMP.1/2, PORT 2 Pt 4
Average:	8:49:32	14.42	3.82	26.86	27.63	59.2736	0.10	0.06	24.46 RATA RUN 2,COMP.1/2, PORT 2
Maximum									
Minimum									

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UMITILLA, FLORIDA

Parameter	SVMX O2	SVMX CO2 API200EHNOX	API300ECO	CO-7% O2	NOX-L/MO2	CO-L/M,O2	NOX	Comments	Comment2
Units	%V,d	%V,d	ppmVd	ppmVd	0.00	L/M,D	L/M,D @15%O2		
Std Dev	8:49:32	0.01	0.00	0.38	0.05	0.16	0.00	0.33 RATA RUN 2,COMP.1/2, PORT 2	
19-Dec-07	8:50:02	14.44	3.80	26.54	27.79	59.83	0.09	0.06 24.25 RATA RUN 2,COMP.1/2, PORT 2	Pt 3
19-Dec-07	8:50:32	14.45	3.80	26.60	27.82	59.94	0.10	0.06 24.33 RATA RUN 2,COMP.1/2, PORT 2	Pt 3
19-Dec-07	8:51:02	14.45	3.80	26.64	27.87	60.04	0.10	0.06 24.36 RATA RUN 2,COMP.1/2, PORT 2	Pt 3
19-Dec-07	8:51:32	14.45	3.80	26.63	27.93	60.17	0.10	0.06 24.35 RATA RUN 2,COMP.1/2, PORT 2	Pt 3
19-Dec-07	8:52:02	14.45	3.80	26.68	27.92	60.16	0.10	0.06 24.44 RATA RUN 2,COMP.1/2, PORT 2	Pt 3
19-Dec-07	8:52:32	14.45	3.80	26.72	27.90	60.12	0.10	0.06 24.44 RATA RUN 2,COMP.1/2, PORT 2	Pt 3
19-Dec-07	8:53:02	14.45	3.80	26.71	27.86	60.05	0.10	0.06 24.43 RATA RUN 2,COMP.1/2, PORT 2	Pt 3
19-Dec-07	8:53:32	14.45	3.80	26.70	27.84	59.99	0.10	0.06 24.44 RATA RUN 2,COMP.1/2, PORT 2	Pt 3
19-Dec-07	8:54:02	14.45	3.80	26.68	27.83	60.02	0.10	0.06 24.43 RATA RUN 2,COMP.1/2, PORT 2	Pt 3
19-Dec-07	8:54:32	14.46	3.80	26.66	27.81	59.99	0.10	0.06 24.41 RATA RUN 2,COMP.1/2, PORT 2	Pt 3
Average:	8:54:32	14.45	3.80	26.66	27.86	60.0311	0.10	0.06 24.39 RATA RUN 2,COMP.1/2, PORT 2	
Maximum	8:54:32	14.46	3.80	26.72	27.93	60.17	0.10	0.06 24.44 RATA RUN 2,COMP.1/2, PORT 2	
Minimum	8:54:32	14.44	3.80	26.54	27.79	59.83	0.09	0.06 24.25 RATA RUN 2,COMP.1/2, PORT 2	
Std Dev	8:54:32	0.00	0.00	0.06	0.05	0.10	0.00	0.06 RATA RUN 2,COMP.1/2, PORT 2	
19-Dec-07	8:55:02	14.46	3.80	26.64	27.80	60.01	0.10	0.06 24.42 RATA RUN 2,COMP.1/2, PORT 2	Pt 2
19-Dec-07	8:55:33	14.46	3.80	26.66	27.78	59.90	0.10	0.06 24.40 RATA RUN 2,COMP.1/2, PORT 2	Pt 2
19-Dec-07	8:56:02	14.45	3.80	26.67	27.75	59.84	0.10	0.06 24.41 RATA RUN 2,COMP.1/2, PORT 2	Pt 2
19-Dec-07	8:56:32	14.45	3.80	26.67	27.68	59.66	0.10	0.06 24.40 RATA RUN 2,COMP.1/2, PORT 2	Pt 2
19-Dec-07	8:57:02	14.45	3.80	26.66	27.62	59.46	0.10	0.06 24.39 RATA RUN 2,COMP.1/2, PORT 2	Pt 2
19-Dec-07	8:57:33	14.45	3.80	26.65	27.56	59.39	0.10	0.06 24.37 RATA RUN 2,COMP.1/2, PORT 2	Pt 2
19-Dec-07	8:58:02	14.45	3.80	26.66	27.54	59.33	0.10	0.06 24.38 RATA RUN 2,COMP.1/2, PORT 2	Pt 2
19-Dec-07	8:58:32	14.45	3.80	26.66	27.57	59.43	0.10	0.06 24.40 RATA RUN 2,COMP.1/2, PORT 2	Pt 2
19-Dec-07	8:59:02	14.45	3.80	26.71	27.59	59.43	0.10	0.06 24.43 RATA RUN 2,COMP.1/2, PORT 2	Pt 2
19-Dec-07	8:59:33	14.45	3.80	26.77	27.60	59.44	0.10	0.06 24.47 RATA RUN 2,COMP.1/2, PORT 2	Pt 2
Average:	8:59:33	14.45	3.80	26.67	27.65	59.5897	0.10	0.06 24.41 RATA RUN 2,COMP.1/2, PORT 2	
Maximum	8:59:33	14.46	3.80	26.77	27.80	60.01	0.10	0.06 24.47 RATA RUN 2,COMP.1/2, PORT 2	
Minimum	8:59:33	14.45	3.80	26.64	27.54	59.33	0.10	0.06 24.37 RATA RUN 2,COMP.1/2, PORT 2	
Std Dev	8:59:33	0.00	0.00	0.04	0.10	0.24	0.00	0.03 RATA RUN 2,COMP.1/2, PORT 2	
19-Dec-07	9:00:02	14.45	3.80	26.78	27.63	59.51	0.10	0.06 24.48 RATA RUN 2,COMP.1/2, PORT 2	Pt 1
19-Dec-07	9:00:32	14.44	3.80	26.81	27.62	59.39	0.10	0.06 24.49 RATA RUN 2,COMP.1/2, PORT 2	Pt 1
19-Dec-07	9:01:02	14.44	3.80	26.83	27.58	59.37	0.10	0.06 24.51 RATA RUN 2,COMP.1/2, PORT 2	Pt 1
19-Dec-07	9:01:33	14.44	3.80	26.86	27.57	59.34	0.10	0.06 24.54 RATA RUN 2,COMP.1/2, PORT 2	Pt 1
19-Dec-07	9:02:02	14.44	3.80	26.89	27.56	59.31	0.10	0.06 24.56 RATA RUN 2,COMP.1/2, PORT 2	Pt 1
19-Dec-07	9:02:32	14.44	3.80	26.90	27.54	59.26	0.10	0.06 24.56 RATA RUN 2,COMP.1/2, PORT 2	Pt 1
19-Dec-07	9:03:03	14.44	3.80	26.89	27.58	59.31	0.10	0.06 24.55 RATA RUN 2,COMP.1/2, PORT 2	Pt 1
19-Dec-07	9:03:33	14.44	3.80	26.89	27.61	59.37	0.10	0.06 24.55 RATA RUN 2,COMP.1/2, PORT 2	Pt 1
19-Dec-07	9:04:02	14.44	3.81	26.87	27.60	59.36	0.10	0.06 24.55 RATA RUN 2,COMP.1/2, PORT 2	Pt 1
19-Dec-07	9:04:32	14.43	3.81	26.90	27.63	59.41	0.10	0.06 24.54 RATA RUN 2,COMP.1/2, PORT 2	Pt 1
19-Dec-07	9:05:03	14.44	3.81	26.91	27.65	59.46	0.10	0.06 24.56 RATA RUN 2,COMP.1/2, PORT 2	Pt 1

AIR CONSULTING AND ENGINEERING, INC.
2106 NW 67th Place, Suite 4, Gainesville, Florida 32653

Instrumental Reference Method On-Line Data

CT-1 - # 191235

LAKE COGENERATION FACILITY

UMITILLA, FLORIDA

Parameter	SVMX O2	SVMX CO2 API200EHNOX	API300ECO	CO-7% O2	NOX-L/MO2	CO-L/M,O2	NOX	Comments	Comment2
Units	%V,d	%V,d	ppmVd	ppmVd	0.00	L/M,D	L/M,D	@15%O2	
Average:	9:05:03	14.44	3.80	26.87	27.60	59.3717	0.10	0.06	24.54 RATA RUN 2,COMP.1/2, PORT 2
Maximum	9:05:03	14.45	3.81	26.91	27.65	59.51	0.10	0.06	24.56 RATA RUN 2,COMP.1/2, PORT 2
Minimum	9:05:03	14.43	3.80	26.78	27.54	59.26	0.10	0.06	24.48 RATA RUN 2,COMP.1/2, PORT 2
Std Dev	9:05:03	0.00	0.00	0.04	0.03	0.07	0.00	0.00	0.03 RATA RUN 2,COMP.1/2, PORT 2
PointAvg:	9:05:03	14.43	3.81	26.96	27.64	59.40	0.10	0.06	24.59 RATA RUN 2,COMP.1/2, PORT 2
19-Dec-07	9:08:06	1.45	0.40	3.47	28.38	22.98	0.01	0.02	2.67 Cal:28.8 CO
19-Dec-07	9:08:16	0.00	0.02	0.83	28.52	18.97	0.00	0.02	0.24 Cal:28.8 CO
19-Dec-07	9:08:26	0.00	0.02	0.82	28.60	19.02	0.00	0.02	0.23 Cal:28.8 CO
19-Dec-07	9:08:36	0.00	0.02	0.81	28.68	19.07	0.00	0.02	0.23 Cal:28.8 CO
19-Dec-07	9:08:46	3.18	0.17	0.80	28.75	22.58	0.00	0.02	0.26 Cal:28.8 CO
Average:	9:08:52	0.79	0.06	0.81	28.64	19.9087	0.00	0.02	0.24 Cal:28.8 CO
Gas Value:	9:08:52	0	0	0	28.8	#N/A	#N/A	#N/A	#N/A 28.8 CO
Diff%ofSpan	9:08:52	3.80%	0.29%	1.72%	-0.37%	#N/A	#N/A	#N/A	#N/A
19-Dec-07	9:10:16	13.97	6.00	0.67	-0.10	-0.19	0.00	0.00	0.57 Cal:14.0 O2/6.04 CO2
19-Dec-07	9:10:26	13.97	6.01	0.66	-0.14	-0.28	0.00	0.00	0.56 Cal:14.0 O2/6.04 CO2
19-Dec-07	9:10:36	13.97	6.01	0.63	-0.15	-0.29	0.00	0.00	0.54 Cal:14.0 O2/6.04 CO2
19-Dec-07	9:10:46	13.97	6.01	0.62	-0.16	-0.31	0.00	0.00	0.53 Cal:14.0 O2/6.04 CO2
Average:	9:10:49	13.97	6.01	0.64	-0.13	-0.2704	0.00	0.00	0.55 Cal:14.0 O2/6.04 CO2
Gas Value:	9:10:49	14	6.04	0	0	0	#N/A	#N/A	#N/A 14.0 O2/6.04 CO2
Diff%ofSpan	9:10:49	-0.16%	-0.16%	1.36%	-0.30%	-3.16%	#N/A	#N/A	#N/A
19-Dec-07	9:12:27	0.00	0.03	24.84	0.34	0.23	0.03	0.00	7.01 Cal:24.67 NOX
19-Dec-07	9:12:37	0.00	0.03	24.82	0.44	0.29	0.03	0.00	7.01 Cal:24.67 NOX
19-Dec-07	9:12:48	-0.01	0.03	24.84	0.54	0.36	0.03	0.00	7.01 Cal:24.67 NOX
19-Dec-07	9:12:57	0.08	0.04	24.84	0.64	0.43	0.03	0.00	7.04 Cal:24.67 NOX
Average:	9:12:57	0.02	0.03	24.84	0.49	0.3269	0.03	0.00	7.02 Cal:24.67 NOX
Gas Value:	9:12:57	0	0	24.67	0	#N/A	#N/A	#N/A	#N/A 24.67 NOX
Diff%ofSpan	9:12:57	0.09%	0.17%	0.35%	1.09%	#N/A	#N/A	#N/A	#N/A
19-Dec-07	9:16:30	14.42	3.80	26.22	28.11	60.28	0.09	0.06	23.86 RATA RUN 3,COMP.2/1,1 POINT
19-Dec-07	9:17:00	14.42	3.80	26.24	28.15	60.44	0.09	0.06	23.87 RATA RUN 3,COMP.2/1,1 POINT
19-Dec-07	9:17:30	14.42	3.80	26.23	28.20	60.48	0.09	0.06	23.88 RATA RUN 3,COMP.2/1,1 POINT
19-Dec-07	9:18:00	14.42	3.81	26.24	28.22	60.54	0.09	0.06	23.97 RATA RUN 3,COMP.2/1,1 POINT
19-Dec-07	9:18:30	14.42	3.80	26.44	28.23	60.57	0.09	0.06	24.09 RATA RUN 3,COMP.2/1,1 POINT
19-Dec-07	9:19:00	14.42	3.80	26.50	28.21	60.55	0.09	0.06	24.15 RATA RUN 3,COMP.2/1,1 POINT
19-Dec-07	9:19:30	14.43	3.80	26.58	28.21	60.56	0.09	0.06	24.22 RATA RUN 3,COMP.2/1,1 POINT
19-Dec-07	9:20:00	14.43	3.80	26.66	28.21	60.56	0.09	0.06	24.29 RATA RUN 3,COMP.2/1,1 POINT
19-Dec-07	9:20:30	14.42	3.81	26.72	28.22	60.56	0.10	0.06	24.34 RATA RUN 3,COMP.2/1,1 POINT
19-Dec-07	9:21:00	14.42	3.81	26.77	28.23	60.59	0.10	0.06	24.39 RATA RUN 3,COMP.2/1,1 POINT
19-Dec-07	9:21:30	14.42	3.81	26.78	28.26	60.65	0.10	0.06	24.40 RATA RUN 3,COMP.2/1,1 POINT
19-Dec-07	9:22:00	14.42	3.81	26.78	28.26	60.64	0.10	0.06	24.40 RATA RUN 3,COMP.2/1,1 POINT

AIR CONSULTING AND ENGINEERING, INC.
2106 NW 67th Place, Suite 4, Gainesville, Florida 32653

Instrumental Reference Method On-Line Data

CT-1 - # 191235

LAKE COGENERATION FACILITY

UMITILLA, FLORIDA

Parameter Units	SVMX O2 %V,d	SVMX CO2 API200EHNOX %V,d	API300ECO ppmVd	CO-7% O2 0.00	NOX-L/MO2 L/M,D	CO-L/M,O2 L/M,D	NOX @15%O2	Comments	Comment2
19-Dec-07 9:22:30	14.42	3.81	26.80	28.25	60.62	0.10	0.06	24.41 RATA RUN 3,COMP.2/1,1 POINT	
19-Dec-07 9:23:00	14.42	3.81	26.80	28.25	60.61	0.10	0.06	24.40 RATA RUN 3,COMP.2/1,1 POINT	
19-Dec-07 9:23:31	14.42	3.81	26.78	28.22	60.56	0.10	0.06	24.39 RATA RUN 3,COMP.2/1,1 POINT	
19-Dec-07 9:24:00	14.42	3.81	26.81	28.18	60.47	0.10	0.06	24.42 RATA RUN 3,COMP.2/1,1 POINT	
19-Dec-07 9:24:30	14.42	3.81	26.85	28.16	60.42	0.10	0.06	24.46 RATA RUN 3,COMP.2/1,1 POINT	
19-Dec-07 9:25:00	14.42	3.81	26.87	28.13	60.36	0.10	0.06	24.47 RATA RUN 3,COMP.2/1,1 POINT	
19-Dec-07 9:25:31	14.42	3.81	26.91	28.13	60.37	0.10	0.06	24.51 RATA RUN 3,COMP.2/1,1 POINT	
19-Dec-07 9:26:00	14.43	3.81	26.97	28.12	60.37	0.10	0.06	24.56 RATA RUN 3,COMP.2/1,1 POINT	
19-Dec-07 9:26:30	14.43	3.81	26.96	28.13	60.42	0.10	0.06	24.58 RATA RUN 3,COMP.2/1,1 POINT	
19-Dec-07 9:27:00	14.43	3.80	26.88	28.14	60.46	0.10	0.06	24.51 RATA RUN 3,COMP.2/1,1 POINT	
19-Dec-07 9:27:31	14.43	3.81	26.86	28.12	60.42	0.10	0.06	24.50 RATA RUN 3,COMP.2/1,1 POINT	
19-Dec-07 9:28:00	14.44	3.81	26.84	28.04	60.21	0.10	0.06	24.48 RATA RUN 3,COMP.2/1,1 POINT	
19-Dec-07 9:28:30	14.43	3.81	26.83	27.98	60.11	0.10	0.06	24.48 RATA RUN 3,COMP.2/1,1 POINT	
19-Dec-07 9:29:00	14.43	3.81	26.83	27.96	60.08	0.10	0.06	24.47 RATA RUN 3,COMP.2/1,1 POINT	
19-Dec-07 9:29:31	14.43	3.81	26.85	27.92	60.01	0.10	0.06	24.50 RATA RUN 3,COMP.2/1,1 POINT	
19-Dec-07 9:30:00	14.43	3.81	26.86	27.94	60.03	0.10	0.06	24.49 RATA RUN 3,COMP.2/1,1 POINT	
19-Dec-07 9:30:31	14.43	3.81	26.85	28.00	60.23	0.10	0.06	24.49 RATA RUN 3,COMP.2/1,1 POINT	
19-Dec-07 9:31:01	14.43	3.81	26.85	28.05	60.26	0.10	0.06	24.48 RATA RUN 3,COMP.2/1,1 POINT	
19-Dec-07 9:31:30	14.43	3.81	26.86	28.08	60.35	0.10	0.06	24.50 RATA RUN 3,COMP.2/1,1 POINT	
19-Dec-07 9:32:00	14.43	3.81	26.90	28.09	60.35	0.10	0.06	24.53 RATA RUN 3,COMP.2/1,1 POINT	
19-Dec-07 9:32:30	14.43	3.81	26.88	28.08	60.30	0.10	0.06	24.51 RATA RUN 3,COMP.2/1,1 POINT	
19-Dec-07 9:33:01	14.42	3.81	26.90	28.05	60.18	0.10	0.06	24.50 RATA RUN 3,COMP.2/1,1 POINT	
19-Dec-07 9:33:31	14.43	3.81	26.88	28.02	60.15	0.10	0.06	24.52 RATA RUN 3,COMP.2/1,1 POINT	
19-Dec-07 9:34:00	14.43	3.81	26.91	27.99	60.10	0.10	0.06	24.52 RATA RUN 3,COMP.2/1,1 POINT	
19-Dec-07 9:34:30	14.43	3.81	26.94	27.96	60.03	0.10	0.06	24.56 RATA RUN 3,COMP.2/1,1 POINT	
19-Dec-07 9:35:00	14.43	3.81	26.96	27.94	59.98	0.10	0.06	24.57 RATA RUN 3,COMP.2/1,1 POINT	
19-Dec-07 9:35:30	14.42	3.81	26.99	27.92	59.94	0.10	0.06	24.61 RATA RUN 3,COMP.2/1,1 POINT	
19-Dec-07 9:36:00	14.42	3.81	27.01	27.92	59.94	0.10	0.06	24.61 RATA RUN 3,COMP.2/1,1 POINT	
19-Dec-07 9:36:30	14.42	3.81	26.96	27.95	60.06	0.10	0.06	24.53 RATA RUN 3,COMP.2/1,1 POINT	
19-Dec-07 9:37:00	14.42	3.81	26.94	27.99	60.08	0.10	0.06	24.55 RATA RUN 3,COMP.2/1,1 POINT	
19-Dec-07 9:37:30	14.42	3.81	26.93	27.98	60.06	0.10	0.06	24.53 RATA RUN 3,COMP.2/1,1 POINT	
19-Dec-07 9:38:00	14.42	3.81	26.88	27.98	60.05	0.10	0.06	24.49 RATA RUN 3,COMP.2/1,1 POINT	
19-Dec-07 9:38:30	14.42	3.81	26.87	27.95	60.00	0.10	0.06	24.48 RATA RUN 3,COMP.2/1,1 POINT	
19-Dec-07 9:39:00	14.42	3.81	26.91	27.91	59.87	0.10	0.06	24.52 RATA RUN 3,COMP.2/1,1 POINT	
19-Dec-07 9:39:30	14.42	3.81	26.91	27.91	59.89	0.10	0.06	24.52 RATA RUN 3,COMP.2/1,1 POINT	
19-Dec-07 9:40:00	14.42	3.81	26.93	27.93	59.95	0.10	0.06	24.54 RATA RUN 3,COMP.2/1,1 POINT	
19-Dec-07 9:40:30	14.42	3.81	26.97	27.91	59.85	0.10	0.06	24.55 RATA RUN 3,COMP.2/1,1 POINT	
19-Dec-07 9:41:00	14.42	3.81	26.94	27.88	59.85	0.10	0.06	24.54 RATA RUN 3,COMP.2/1,1 POINT	
19-Dec-07 9:41:30	14.42	3.81	26.94	27.87	59.84	0.10	0.06	24.55 RATA RUN 3,COMP.2/1,1 POINT	
19-Dec-07 9:42:00	14.43	3.81	26.94	27.83	59.70	0.10	0.06	24.57 RATA RUN 3,COMP.2/1,1 POINT	

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Instrumental Reference Method On-Line Data

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LAKE COGENERATION FACILITY

UMITILLA, FLORIDA

Parameter	SVMX O2	SVMX CO2	API200EHNOX	API300ECO	CO-7% O2	NOX-L/MO2	CO-L/M,O2	NOX	Comments	Comment2
Units	%V,d	%V,d	ppmVd	ppmVd	0.00	L/M,D	L/M,D	@15%O2		
19-Dec-07	9:42:30	14.43	3.81	26.91	27.76	59.63	0.10	0.06	24.53 RATA RUN 3,COMP.2/1,1 POINT	
19-Dec-07	9:43:00	14.43	3.81	26.89	27.69	59.47	0.10	0.06	24.52 RATA RUN 3,COMP.2/1,1 POINT	
19-Dec-07	9:43:30	14.43	3.81	26.84	27.64	59.38	0.10	0.06	24.47 RATA RUN 3,COMP.2/1,1 POINT	
19-Dec-07	9:44:00	14.43	3.81	26.74	27.62	59.34	0.10	0.06	24.39 RATA RUN 3,COMP.2/1,1 POINT	
19-Dec-07	9:44:30	14.43	3.81	26.71	27.59	59.28	0.10	0.06	24.35 RATA RUN 3,COMP.2/1,1 POINT	
19-Dec-07	9:45:00	14.43	3.81	26.68	27.57	59.25	0.10	0.06	24.33 RATA RUN 3,COMP.2/1,1 POINT	
19-Dec-07	9:45:30	14.43	3.81	26.70	27.62	59.34	0.10	0.06	24.35 RATA RUN 3,COMP.2/1,1 POINT	
19-Dec-07	9:46:01	14.41	3.81	26.76	27.62	59.15	0.10	0.06	24.33 RATA RUN 3,COMP.2/1,1 POINT	
Average:	9:46:01	14.43	3.81	26.80	28.01	60.1298	0.10	0.06	24.43 RATA RUN 3,COMP.2/1,1 POINT	
Maximum	9:46:01	14.44	3.81	27.01	28.26	60.65	0.10	0.06	24.61 RATA RUN 3,COMP.2/1,1 POINT	
Minimum	9:46:01	14.41	3.80	26.22	27.57	59.15	0.09	0.06	23.86 RATA RUN 3,COMP.2/1,1 POINT	
Std Dev	9:46:01	0.00	0.00	0.19	0.19	0.40	0.00	0.00	0.18 RATA RUN 3,COMP.2/1,1 POINT	
19-Dec-07	9:51:06	1.44	0.39	25.64	4.00	6.74	0.03	0.01	8.91 Cal:24.67 NOX	
19-Dec-07	9:51:17	-0.01	0.01	25.29	1.36	0.90	0.03	0.00	7.14 Cal:24.67 NOX	
19-Dec-07	9:51:26	-0.01	0.01	25.25	1.35	0.89	0.03	0.00	7.12 Cal:24.67 NOX	
19-Dec-07	9:51:36	-0.01	0.01	25.25	1.33	0.89	0.03	0.00	7.13 Cal:24.67 NOX	
19-Dec-07	9:51:46	-0.01	0.01	25.27	1.32	0.88	0.03	0.00	7.13 Cal:24.67 NOX	
Average:	9:51:49	-0.01	0.01	25.27	1.34	0.8909	0.03	0.00	7.13 Cal:24.67 NOX	
Gas Value:	9:51:49	0	0	24.67	0	#N/A	#N/A	#N/A	#N/A 24.67 NOX	
Diff%ofSpan	9:51:49	-0.04%	0.05%	1.26%	2.98%	#N/A	#N/A	#N/A	#N/A	
19-Dec-07	9:54:30	13.97	6.02	0.57	0.03	0.06	0.00	0.00	0.49 Cal:14.0 O2/6.04 CO2	
19-Dec-07	9:54:40	13.97	6.02	0.57	-0.06	-0.13	0.00	0.00	0.48 Cal:14.0 O2/6.04 CO2	
19-Dec-07	9:54:51	13.97	6.03	0.56	-0.15	-0.30	0.00	0.00	0.48 Cal:14.0 O2/6.04 CO2	
19-Dec-07	9:55:00	13.98	6.03	0.56	-0.20	-0.40	0.00	0.00	0.48 Cal:14.0 O2/6.04 CO2	
Average:	9:55:01	13.97	6.03	0.57	-0.10	-0.1910	0.00	0.00	0.48 Cal:14.0 O2/6.04 CO2	
Gas Value:	9:55:01	14	6.04	0	0	0	#N/A	#N/A	#N/A 14.0 O2/6.04 CO2	
Diff%ofSpan	9:55:01	-0.12%	-0.07%	1.20%	-0.21%	-2.23%	#N/A	#N/A	#N/A	
19-Dec-07	9:56:51	0.00	0.03	0.48	29.05	19.32	0.00	0.02	0.14 Cal:28.8 CO	
19-Dec-07	9:57:00	0.00	0.03	0.48	29.06	19.32	0.00	0.02	0.13 Cal:28.8 CO	
19-Dec-07	9:57:10	0.00	0.03	0.46	29.05	19.32	0.00	0.02	0.13 Cal:28.8 CO	
19-Dec-07	9:57:20	0.00	0.03	0.45	29.04	19.31	0.00	0.02	0.13 Cal:28.8 CO	
Average:	9:57:21	0.00	0.03	0.47	29.05	19.3190	0.00	0.02	0.13 Cal:28.8 CO	
Gas Value:	9:57:21	0	0	0	28.8	#N/A	#N/A	#N/A	#N/A 28.8 CO	
Diff%ofSpan	9:57:21	-0.01%	0.14%	0.99%	0.56%	#N/A	#N/A	#N/A	#N/A	
19-Dec-07	10:00:48	14.41	3.81	26.40	27.61	59.18	0.09	0.06	24.01 RATA RUN 4,COMP.RUN 2/2, 1 POINT	
19-Dec-07	10:01:18	14.41	3.81	26.41	27.57	59.04	0.09	0.06	24.02 RATA RUN 4,COMP.RUN 2/2, 1 POINT	
19-Dec-07	10:01:49	14.41	3.81	26.42	27.58	59.07	0.09	0.06	24.02 RATA RUN 4,COMP.RUN 2/2, 1 POINT	
19-Dec-07	10:02:19	14.41	3.81	26.52	27.58	59.08	0.09	0.06	24.13 RATA RUN 4,COMP.RUN 2/2, 1 POINT	
19-Dec-07	10:02:48	14.41	3.81	26.55	27.57	59.06	0.09	0.06	24.14 RATA RUN 4,COMP.RUN 2/2, 1 POINT	

AIR CONSULTING AND ENGINEERING, INC.
2106 NW 67th Place, Suite 4, Gainesville, Florida 32653

Instrumental Reference Method On-Line Data

CT-1 - # 191235

Parameter	LAKE COGENERATION FACILITY						UMITILLA, FLORIDA		Comment2
	Units	SVMX O2 %V,d	SVMX CO2 API200EHNOX %V,d	API300ECO ppmVd	CO-7% O2 0.00	NOX-L/MO2 L/M,D	CO-L/M,O2 L/M,D @15%O2	NOX	
19-Dec-07 10:03:18	14.41	3.81	26.59	27.57	59.08	0.09	0.06	24.18 RATA RUN 4,COMP.RUN 2/2, 1 POINT	
19-Dec-07 10:03:48	14.41	3.81	26.66	27.56	59.05	0.09	0.06	24.25 RATA RUN 4,COMP.RUN 2/2, 1 POINT	
19-Dec-07 10:04:19	14.41	3.81	26.70	27.53	59.01	0.09	0.06	24.29 RATA RUN 4,COMP.RUN 2/2, 1 POINT	
19-Dec-07 10:04:48	14.42	3.81	26.72	27.49	58.93	0.10	0.06	24.32 RATA RUN 4,COMP.RUN 2/2, 1 POINT	
19-Dec-07 10:05:18	14.42	3.81	26.73	27.45	58.84	0.10	0.06	24.33 RATA RUN 4,COMP.RUN 2/2, 1 POINT	
19-Dec-07 10:05:48	14.41	3.81	26.77	27.43	58.78	0.10	0.06	24.35 RATA RUN 4,COMP.RUN 2/2, 1 POINT	
19-Dec-07 10:06:19	14.42	3.81	26.78	27.43	58.80	0.10	0.06	24.37 RATA RUN 4,COMP.RUN 2/2, 1 POINT	
19-Dec-07 10:06:48	14.41	3.81	26.80	27.41	58.67	0.10	0.06	24.37 RATA RUN 4,COMP.RUN 2/2, 1 POINT	
19-Dec-07 10:07:18	14.42	3.81	26.80	27.40	58.73	0.10	0.06	24.38 RATA RUN 4,COMP.RUN 2/2, 1 POINT	
19-Dec-07 10:07:49	14.42	3.81	26.80	27.40	58.75	0.10	0.06	24.39 RATA RUN 4,COMP.RUN 2/2, 1 POINT	
19-Dec-07 10:08:19	14.42	3.81	26.78	27.38	58.63	0.10	0.06	24.35 RATA RUN 4,COMP.RUN 2/2, 1 POINT	
19-Dec-07 10:08:48	14.42	3.81	26.78	27.35	58.65	0.10	0.06	24.38 RATA RUN 4,COMP.RUN 2/2, 1 POINT	
19-Dec-07 10:09:18	14.42	3.81	26.76	27.34	58.60	0.10	0.06	24.35 RATA RUN 4,COMP.RUN 2/2, 1 POINT	
19-Dec-07 10:09:48	14.42	3.82	26.79	27.29	58.49	0.10	0.06	24.42 RATA RUN 4,COMP.RUN 2/2, 1 POINT	
19-Dec-07 10:10:18	14.42	3.82	26.83	27.25	58.42	0.10	0.06	24.42 RATA RUN 4,COMP.RUN 2/2, 1 POINT	
19-Dec-07 10:10:48	14.41	3.82	26.86	27.25	58.37	0.10	0.06	24.44 RATA RUN 4,COMP.RUN 2/2, 1 POINT	
19-Dec-07 10:11:18	14.41	3.82	26.92	27.25	58.38	0.10	0.06	24.48 RATA RUN 4,COMP.RUN 2/2, 1 POINT	
19-Dec-07 10:11:48	14.41	3.82	26.95	27.24	58.41	0.10	0.06	24.52 RATA RUN 4,COMP.RUN 2/2, 1 POINT	
19-Dec-07 10:12:18	14.41	3.82	26.96	27.27	58.41	0.10	0.06	24.51 RATA RUN 4,COMP.RUN 2/2, 1 POINT	
19-Dec-07 10:12:48	14.41	3.82	26.95	27.29	58.45	0.10	0.06	24.51 RATA RUN 4,COMP.RUN 2/2, 1 POINT	
19-Dec-07 10:13:18	14.41	3.82	26.94	27.25	58.36	0.10	0.06	24.49 RATA RUN 4,COMP.RUN 2/2, 1 POINT	
19-Dec-07 10:13:48	14.41	3.82	26.91	27.22	58.33	0.10	0.06	24.47 RATA RUN 4,COMP.RUN 2/2, 1 POINT	
19-Dec-07 10:14:18	14.41	3.82	26.94	27.22	58.33	0.10	0.06	24.50 RATA RUN 4,COMP.RUN 2/2, 1 POINT	
19-Dec-07 10:14:48	14.42	3.82	26.92	27.22	58.34	0.10	0.06	24.49 RATA RUN 4,COMP.RUN 2/2, 1 POINT	
19-Dec-07 10:15:18	14.42	3.82	26.90	27.22	58.36	0.10	0.06	24.48 RATA RUN 4,COMP.RUN 2/2, 1 POINT	
19-Dec-07 10:15:48	14.41	3.82	26.88	27.25	58.40	0.10	0.06	24.46 RATA RUN 4,COMP.RUN 2/2, 1 POINT	
19-Dec-07 10:16:18	14.41	3.82	26.87	27.26	58.41	0.10	0.06	24.44 RATA RUN 4,COMP.RUN 2/2, 1 POINT	
19-Dec-07 10:16:48	14.41	3.82	26.84	27.22	58.27	0.10	0.06	24.42 RATA RUN 4,COMP.RUN 2/2, 1 POINT	
19-Dec-07 10:17:18	14.41	3.82	26.91	27.20	58.26	0.10	0.06	24.53 RATA RUN 4,COMP.RUN 2/2, 1 POINT	
19-Dec-07 10:17:48	14.41	3.82	26.99	27.19	58.26	0.10	0.06	24.55 RATA RUN 4,COMP.RUN 2/2, 1 POINT	
19-Dec-07 10:18:18	14.42	3.82	27.04	27.16	58.23	0.10	0.06	24.61 RATA RUN 4,COMP.RUN 2/2, 1 POINT	
19-Dec-07 10:18:48	14.42	3.82	27.07	27.16	58.25	0.10	0.06	24.62 RATA RUN 4,COMP.RUN 2/2, 1 POINT	
19-Dec-07 10:19:18	14.41	3.82	27.04	27.18	58.26	0.10	0.06	24.60 RATA RUN 4,COMP.RUN 2/2, 1 POINT	
19-Dec-07 10:19:48	14.42	3.82	27.06	27.19	58.29	0.10	0.06	24.63 RATA RUN 4,COMP.RUN 2/2, 1 POINT	
19-Dec-07 10:20:18	14.42	3.82	27.08	27.18	58.26	0.10	0.06	24.64 RATA RUN 4,COMP.RUN 2/2, 1 POINT	
19-Dec-07 10:20:49	14.41	3.82	27.11	27.20	58.30	0.10	0.06	24.66 RATA RUN 4,COMP.RUN 2/2, 1 POINT	
19-Dec-07 10:21:18	14.41	3.82	27.13	27.22	58.30	0.10	0.06	24.67 RATA RUN 4,COMP.RUN 2/2, 1 POINT	
19-Dec-07 10:21:48	14.41	3.82	27.15	27.18	58.24	0.10	0.06	24.69 RATA RUN 4,COMP.RUN 2/2, 1 POINT	
19-Dec-07 10:22:18	14.41	3.82	27.13	27.16	58.18	0.10	0.06	24.67 RATA RUN 4,COMP.RUN 2/2, 1 POINT	
19-Dec-07 10:22:48	14.41	3.82	27.07	27.14	58.11	0.10	0.06	24.61 RATA RUN 4,COMP.RUN 2/2, 1 POINT	

AIR CONSULTING AND ENGINEERING, INC.
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Instrumental Reference Method On-Line Data

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LAKE COGENERATION FACILITY									UMITILLA, FLORIDA
Parameter	SVMX O2	SVMX CO2 API200EHNOX	API300ECO	CO-7% O2	NOX-L/MO2	CO-L/M,O2	NOX	Comments	Comment2
Units	%V,d	%V,d	ppmVd	ppmVd	0.00	L/M,D	L/M,D	@15%O2	
19-Dec-07	10:23:18	14.41	3.82	27.04	27.11	58.05	0.10	0.06	24.58 RATA RUN 4,COMP.RUN 2/2, 1 POINT
19-Dec-07	10:23:48	14.41	3.82	27.10	27.07	57.97	0.10	0.06	24.63 RATA RUN 4,COMP.RUN 2/2, 1 POINT
19-Dec-07	10:24:18	14.41	3.81	27.08	27.08	58.00	0.10	0.06	24.62 RATA RUN 4,COMP.RUN 2/2, 1 POINT
19-Dec-07	10:24:49	14.41	3.81	27.09	27.09	58.01	0.10	0.06	24.63 RATA RUN 4,COMP.RUN 2/2, 1 POINT
19-Dec-07	10:25:18	14.41	3.82	27.13	27.11	58.01	0.10	0.06	24.65 RATA RUN 4,COMP.RUN 2/2, 1 POINT
19-Dec-07	10:25:48	14.41	3.82	27.15	27.12	58.09	0.10	0.06	24.68 RATA RUN 4,COMP.RUN 2/2, 1 POINT
19-Dec-07	10:26:18	14.40	3.82	27.13	27.13	58.05	0.10	0.06	24.64 RATA RUN 4,COMP.RUN 2/2, 1 POINT
19-Dec-07	10:26:49	14.40	3.82	27.16	27.13	58.07	0.10	0.06	24.66 RATA RUN 4,COMP.RUN 2/2, 1 POINT
19-Dec-07	10:27:18	14.40	3.82	27.19	27.16	58.14	0.10	0.06	24.71 RATA RUN 4,COMP.RUN 2/2, 1 POINT
19-Dec-07	10:27:48	14.40	3.82	27.20	27.21	58.19	0.10	0.06	24.69 RATA RUN 4,COMP.RUN 2/2, 1 POINT
19-Dec-07	10:28:19	14.40	3.82	27.21	27.31	58.38	0.10	0.06	24.69 RATA RUN 4,COMP.RUN 2/2, 1 POINT
19-Dec-07	10:28:49	14.40	3.82	27.24	27.35	58.48	0.10	0.06	24.73 RATA RUN 4,COMP.RUN 2/2, 1 POINT
19-Dec-07	10:29:18	14.40	3.82	27.29	27.39	58.56	0.10	0.06	24.77 RATA RUN 4,COMP.RUN 2/2, 1 POINT
19-Dec-07	10:29:48	14.40	3.82	27.27	27.39	58.53	0.10	0.06	24.74 RATA RUN 4,COMP.RUN 2/2, 1 POINT
19-Dec-07	10:30:19	14.39	3.82	27.32	27.38	58.43	0.10	0.06	24.77 RATA RUN 4,COMP.RUN 2/2, 1 POINT
Average:	10:30:19	14.41	3.82	26.93	27.29	58.4598	0.10	0.06	24.49 RATA RUN 4,COMP.RUN 2/2, 1 POINT
Maximum	10:30:19	14.42	3.82	27.32	27.61	59.18	0.10	0.06	24.77 RATA RUN 4,COMP.RUN 2/2, 1 POINT
Minimum	10:30:19	14.39	3.81	26.40	27.07	57.97	0.09	0.06	24.01 RATA RUN 4,COMP.RUN 2/2, 1 POINT
Std Dev	10:30:19	0.01	0.00	0.22	0.15	0.33	0.00	0.00	0.19 RATA RUN 4,COMP.RUN 2/2, 1 POINT
19-Dec-07	10:33:14	1.31	0.36	3.20	28.39	22.54	0.01	0.02	2.46 Cal:28.8 CO
19-Dec-07	10:33:23	0.00	0.02	0.79	28.58	19.00	0.00	0.02	0.22 Cal:28.8 CO
19-Dec-07	10:33:33	0.00	0.01	0.78	28.66	19.06	0.00	0.02	0.22 Cal:28.8 CO
19-Dec-07	10:33:43	0.00	0.02	0.76	28.76	19.12	0.00	0.02	0.21 Cal:28.8 CO
19-Dec-07	10:33:53	0.00	0.01	0.75	28.83	19.17	0.00	0.02	0.21 Cal:28.8 CO
19-Dec-07	10:34:03	-0.01	0.01	0.75	28.87	19.19	0.00	0.02	0.21 Cal:28.8 CO
Average:	10:34:10	0.00	0.01	0.76	28.74	19.1093	0.00	0.02	0.22 Cal:28.8 CO
Gas Value:	10:34:10	0	0	0	28.8	#N/A	#N/A	#N/A	28.8 CO
Diff%ofSpan	10:34:10	-0.02%	0.07%	1.62%	-0.14%	#N/A	#N/A	#N/A	#N/A
19-Dec-07	10:35:41	13.96	6.00	0.57	-0.09	-0.25	0.00	0.00	0.47 Cal:14.0 O2/6.04 CO2
19-Dec-07	10:35:51	13.96	6.01	0.55	-0.16	-0.32	0.00	0.00	0.46 Cal:14.0 O2/6.04 CO2
19-Dec-07	10:36:01	13.96	6.01	0.53	-0.18	-0.35	0.00	0.00	0.45 Cal:14.0 O2/6.04 CO2
19-Dec-07	10:36:11	13.96	6.01	0.51	-0.18	-0.35	0.00	0.00	0.43 Cal:14.0 O2/6.04 CO2
19-Dec-07	10:36:21	13.96	6.01	0.49	-0.18	-0.35	0.00	0.00	0.42 Cal:14.0 O2/6.04 CO2
Average:	10:36:22	13.96	6.01	0.53	-0.16	-0.3250	0.00	0.00	0.45 Cal:14.0 O2/6.04 CO2
Gas Value:	10:36:22	14	6.04	0	0	0	#N/A	#N/A	#N/A 14.0 O2/6.04 CO2
Diff%ofSpan	10:36:22	-0.20%	-0.16%	1.12%	-0.35%	-3.80%	#N/A	#N/A	#N/A
19-Dec-07	10:38:29	0.00	0.03	24.51	0.42	0.28	0.03	0.00	6.92 Cal:24.67 NOX
19-Dec-07	10:38:39	0.00	0.03	24.62	0.52	0.35	0.03	0.00	6.95 Cal:24.67 NOX
19-Dec-07	10:38:50	-0.01	0.02	24.75	0.63	0.42	0.03	0.00	6.98 Cal:24.67 NOX

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Instrumental Reference Method On-Line Data

CT-1 - # 191235

Parameter	LAKE COGENERATION FACILITY					UMITILLA, FLORIDA			Comment2
	Units	SVMX O2 %V,d	SVMX CO2 API200EHNOX %V,d	API300ECO ppmVd	CO-7% O2 ppmVd	NOX-L/MO2 0.00	CO-L/M,O2 L/M,D	NOX L/M,D @15%O2	
19-Dec-07 10:38:59	10:38:59	-0.01	0.02	24.74	0.73	0.48	0.03	0.00	6.98 Cal:24.67 NOX
19-Dec-07 10:39:09	10:39:09	0.57	0.17	24.73	0.82	0.57	0.03	0.00	7.19 Cal:24.67 NOX
19-Dec-07 10:39:20	10:39:20	8.48	2.38	24.74	2.45	3.26	0.05	0.00	12.29 Cal:24.67 NOX
Average:	10:39:25	1.50	0.44	24.68	0.93	0.8926	0.03	0.00	7.89 Cal:24.67 NOX
Gas Value:	10:39:25	0	0	24.67	0	#N/A	#N/A	#N/A	#N/A 24.67 NOX
Diff%ofSpan	10:39:25	7.20%	2.21%	0.02%	2.07%	#N/A	#N/A	#N/A	#N/A
19-Dec-07 10:42:38	10:42:38	14.40	3.81	26.80	26.96	57.61	0.09	0.06	24.31 RATA RUN 5,COMP.RUN 3/1,1 POINT
19-Dec-07 10:43:08	10:43:08	14.40	3.81	26.83	26.99	57.71	0.10	0.06	24.35 RATA RUN 5,COMP.RUN 3/1,1 POINT
19-Dec-07 10:43:38	10:43:38	14.39	3.81	26.84	27.00	57.71	0.10	0.06	24.34 RATA RUN 5,COMP.RUN 3/1,1 POINT
19-Dec-07 10:44:08	10:44:08	14.39	3.81	26.87	27.01	57.71	0.10	0.06	24.37 RATA RUN 5,COMP.RUN 3/1,1 POINT
19-Dec-07 10:44:38	10:44:38	14.40	3.82	26.90	27.02	57.75	0.10	0.06	24.40 RATA RUN 5,COMP.RUN 3/1,1 POINT
19-Dec-07 10:45:08	10:45:08	14.40	3.82	26.94	27.05	57.80	0.10	0.06	24.44 RATA RUN 5,COMP.RUN 3/1,1 POINT
19-Dec-07 10:45:39	10:45:39	14.40	3.82	26.96	27.04	57.79	0.10	0.06	24.46 RATA RUN 5,COMP.RUN 3/1,1 POINT
19-Dec-07 10:46:08	10:46:08	14.39	3.82	27.02	27.07	57.82	0.10	0.06	24.50 RATA RUN 5,COMP.RUN 3/1,1 POINT
19-Dec-07 10:46:38	10:46:38	14.40	3.82	27.04	27.10	57.93	0.10	0.06	24.53 RATA RUN 5,COMP.RUN 3/1,1 POINT
19-Dec-07 10:47:08	10:47:08	14.40	3.82	27.04	27.15	58.06	0.10	0.06	24.55 RATA RUN 5,COMP.RUN 3/1,1 POINT
19-Dec-07 10:47:38	10:47:38	14.40	3.82	27.03	27.19	58.23	0.10	0.06	24.56 RATA RUN 5,COMP.RUN 3/1,1 POINT
19-Dec-07 10:48:08	10:48:08	14.40	3.82	27.05	27.24	58.26	0.10	0.06	24.55 RATA RUN 5,COMP.RUN 3/1,1 POINT
19-Dec-07 10:48:38	10:48:38	14.40	3.82	26.99	27.25	58.28	0.10	0.06	24.50 RATA RUN 5,COMP.RUN 3/1,1 POINT
19-Dec-07 10:49:08	10:49:08	14.40	3.82	26.97	27.23	58.18	0.10	0.06	24.48 RATA RUN 5,COMP.RUN 3/1,1 POINT
19-Dec-07 10:49:44	10:49:44	14.40	3.82	27.00	27.21	58.17	0.10	0.06	24.50 RATA RUN 5,COMP.RUN 3/1,1 POINT
19-Dec-07 10:50:08	10:50:08	14.40	3.82	26.98	27.18	58.10	0.10	0.06	24.48 RATA RUN 5,COMP.RUN 3/1,1 POINT
19-Dec-07 10:50:38	10:50:38	14.40	3.82	27.02	27.18	58.11	0.10	0.06	24.55 RATA RUN 5,COMP.RUN 3/1,1 POINT
19-Dec-07 10:51:08	10:51:08	14.39	3.82	27.06	27.20	58.11	0.10	0.06	24.54 RATA RUN 5,COMP.RUN 3/1,1 POINT
19-Dec-07 10:51:38	10:51:38	14.40	3.82	27.05	27.22	58.17	0.10	0.06	24.53 RATA RUN 5,COMP.RUN 3/1,1 POINT
19-Dec-07 10:52:09	10:52:09	14.39	3.82	27.04	27.27	58.27	0.10	0.06	24.53 RATA RUN 5,COMP.RUN 3/1,1 POINT
19-Dec-07 10:52:38	10:52:38	14.40	3.82	27.06	27.28	58.29	0.10	0.06	24.55 RATA RUN 5,COMP.RUN 3/1,1 POINT
19-Dec-07 10:53:08	10:53:08	14.40	3.82	27.02	27.23	58.19	0.10	0.06	24.51 RATA RUN 5,COMP.RUN 3/1,1 POINT
19-Dec-07 10:53:38	10:53:38	14.39	3.82	27.04	27.16	57.98	0.10	0.06	24.53 RATA RUN 5,COMP.RUN 3/1,1 POINT
19-Dec-07 10:54:09	10:54:09	14.39	3.82	27.03	27.12	57.94	0.10	0.06	24.52 RATA RUN 5,COMP.RUN 3/1,1 POINT
19-Dec-07 10:54:38	10:54:38	14.40	3.82	27.01	27.05	57.80	0.10	0.06	24.49 RATA RUN 5,COMP.RUN 3/1,1 POINT
19-Dec-07 10:55:08	10:55:08	14.39	3.82	26.98	27.02	57.77	0.10	0.06	24.51 RATA RUN 5,COMP.RUN 3/1,1 POINT
19-Dec-07 10:55:38	10:55:38	14.39	3.82	27.04	27.04	57.76	0.10	0.06	24.52 RATA RUN 5,COMP.RUN 3/1,1 POINT
19-Dec-07 10:56:09	10:56:09	14.39	3.82	27.04	27.06	57.83	0.10	0.06	24.53 RATA RUN 5,COMP.RUN 3/1,1 POINT
19-Dec-07 10:56:38	10:56:38	14.40	3.82	27.07	27.09	57.89	0.10	0.06	24.55 RATA RUN 5,COMP.RUN 3/1,1 POINT
19-Dec-07 10:57:08	10:57:08	14.40	3.82	27.07	27.14	57.99	0.10	0.06	24.56 RATA RUN 5,COMP.RUN 3/1,1 POINT
19-Dec-07 10:57:38	10:57:38	14.40	3.82	27.07	27.15	58.03	0.10	0.06	24.56 RATA RUN 5,COMP.RUN 3/1,1 POINT
19-Dec-07 10:58:09	10:58:09	14.40	3.82	27.03	27.13	57.99	0.10	0.06	24.52 RATA RUN 5,COMP.RUN 3/1,1 POINT
19-Dec-07 10:58:38	10:58:38	14.40	3.82	26.98	27.13	57.99	0.10	0.06	24.47 RATA RUN 5,COMP.RUN 3/1,1 POINT
19-Dec-07 10:59:08	10:59:08	14.39	3.82	26.96	27.13	57.96	0.10	0.06	24.45 RATA RUN 5,COMP.RUN 3/1,1 POINT

AIR CONSULTING AND ENGINEERING, INC.
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Instrumental Reference Method On-Line Data

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Parameter	LAKE COGENERATION FACILITY					UMITILLA, FLORIDA			Comment2
	Units	SVMX O2 %V,d	SVMX CO2 API200EHNOX %V,d	API300ECO ppmVd	CO-7% O2 ppmVd	NOX-L/M02 0.00	CO-L/M,02 L/M,D	NOX L/M,D @15%O2	
19-Dec-07 10:59:39	14.39	3.82	26.96	27.12	57.93	0.10	0.06	24.44 RATA RUN 5,COMP.RUN 3/1,1 POINT	
19-Dec-07 11:00:09	14.39	3.82	26.96	27.13	57.95	0.10	0.06	24.44 RATA RUN 5,COMP.RUN 3/1,1 POINT	
19-Dec-07 11:00:38	14.39	3.82	26.99	27.17	58.01	0.10	0.06	24.47 RATA RUN 5,COMP.RUN 3/1,1 POINT	
19-Dec-07 11:01:08	14.39	3.82	27.03	27.18	58.04	0.10	0.06	24.51 RATA RUN 5,COMP.RUN 3/1,1 POINT	
19-Dec-07 11:01:39	14.39	3.82	27.05	27.19	58.11	0.10	0.06	24.53 RATA RUN 5,COMP.RUN 3/1,1 POINT	
19-Dec-07 11:02:09	14.40	3.82	27.07	27.21	58.16	0.10	0.06	24.56 RATA RUN 5,COMP.RUN 3/1,1 POINT	
19-Dec-07 11:02:38	14.40	3.82	27.06	27.19	58.12	0.10	0.06	24.55 RATA RUN 5,COMP.RUN 3/1,1 POINT	
19-Dec-07 11:03:08	14.40	3.82	27.04	27.16	58.06	0.10	0.06	24.54 RATA RUN 5,COMP.RUN 3/1,1 POINT	
19-Dec-07 11:03:38	14.39	3.82	27.04	27.14	57.97	0.10	0.06	24.52 RATA RUN 5,COMP.RUN 3/1,1 POINT	
19-Dec-07 11:04:08	14.40	3.82	27.07	27.11	57.93	0.10	0.06	24.55 RATA RUN 5,COMP.RUN 3/1,1 POINT	
19-Dec-07 11:04:38	14.40	3.82	27.05	27.10	57.93	0.10	0.06	24.56 RATA RUN 5,COMP.RUN 3/1,1 POINT	
19-Dec-07 11:05:08	14.40	3.82	27.09	27.12	57.96	0.10	0.06	24.58 RATA RUN 5,COMP.RUN 3/1,1 POINT	
19-Dec-07 11:05:38	14.39	3.82	27.13	27.16	58.01	0.10	0.06	24.60 RATA RUN 5,COMP.RUN 3/1,1 POINT	
19-Dec-07 11:06:08	14.39	3.82	27.17	27.21	58.14	0.10	0.06	24.64 RATA RUN 5,COMP.RUN 3/1,1 POINT	
19-Dec-07 11:06:38	14.39	3.82	27.25	27.25	58.22	0.10	0.06	24.71 RATA RUN 5,COMP.RUN 3/1,1 POINT	
19-Dec-07 11:07:08	14.40	3.82	27.29	27.22	58.18	0.10	0.06	24.75 RATA RUN 5,COMP.RUN 3/1,1 POINT	
19-Dec-07 11:07:38	14.40	3.82	27.33	27.19	58.10	0.10	0.06	24.79 RATA RUN 5,COMP.RUN 3/1,1 POINT	
19-Dec-07 11:08:08	14.40	3.82	27.33	27.13	57.87	0.10	0.06	24.82 RATA RUN 5,COMP.RUN 3/1,1 POINT	
19-Dec-07 11:08:38	14.39	3.82	27.33	27.02	57.73	0.10	0.06	24.79 RATA RUN 5,COMP.RUN 3/1,1 POINT	
19-Dec-07 11:09:08	14.40	3.82	27.34	26.95	57.60	0.10	0.06	24.80 RATA RUN 5,COMP.RUN 3/1,1 POINT	
19-Dec-07 11:09:38	14.39	3.82	27.36	26.94	57.56	0.10	0.06	24.81 RATA RUN 5,COMP.RUN 3/1,1 POINT	
19-Dec-07 11:10:08	14.40	3.82	27.40	26.94	57.58	0.10	0.06	24.86 RATA RUN 5,COMP.RUN 3/1,1 POINT	
19-Dec-07 11:10:38	14.40	3.82	27.42	26.91	57.55	0.10	0.06	24.89 RATA RUN 5,COMP.RUN 3/1,1 POINT	
19-Dec-07 11:11:08	14.40	3.82	27.38	26.91	57.58	0.10	0.06	24.86 RATA RUN 5,COMP.RUN 3/1,1 POINT	
19-Dec-07 11:11:38	14.41	3.82	27.37	26.92	57.61	0.10	0.06	24.86 RATA RUN 5,COMP.RUN 3/1,1 POINT	
19-Dec-07 11:12:08	14.41	3.82	27.40	26.93	57.67	0.10	0.06	24.86 RATA RUN 5,COMP.RUN 3/1,1 POINT	
Average:	11:12:08	14.40	3.82	27.08	27.11	57.9456	0.10	0.06	24.57 RATA RUN 5,COMP.RUN 3/1,1 POINT
Maximum	11:12:08	14.41	3.82	27.42	27.28	58.29	0.10	0.06	24.89 RATA RUN 5,COMP.RUN 3/1,1 POINT
Minimum	11:12:08	14.39	3.81	26.80	26.91	57.55	0.09	0.06	24.31 RATA RUN 5,COMP.RUN 3/1,1 POINT
Std Dev	11:12:08	0.00	0.00	0.15	0.10	0.21	0.00	0.14	RATA RUN 5,COMP.RUN 3/1,1 POINT
19-Dec-07 11:15:30	1.30	0.36	25.24	3.65	6.04	0.03	0.01	8.68 Cal:24.67 NOX	
19-Dec-07 11:15:39	-0.01	0.02	25.02	1.32	0.87	0.03	0.00	7.06 Cal:24.67 NOX	
19-Dec-07 11:15:49	-0.01	0.02	25.01	1.31	0.86	0.03	0.00	7.05 Cal:24.67 NOX	
19-Dec-07 11:15:59	-0.01	0.01	25.01	1.29	0.86	0.03	0.00	7.06 Cal:24.67 NOX	
19-Dec-07 11:16:09	-0.01	0.01	25.01	1.28	0.85	0.03	0.00	7.06 Cal:24.67 NOX	
Average:	11:16:12	-0.01	0.01	25.01	1.30	0.8618	0.03	0.00	7.06 Cal:24.67 NOX
Gas Value:	11:16:12	0	0	24.67	0	#N/A	#N/A	#N/A	24.67 NOX
Diff%ofSpan	11:16:12	-0.04%	0.07%	0.72%	2.89%	#N/A	#N/A	#N/A	#N/A
19-Dec-07 11:18:52	13.96	6.01	0.48	0.01	0.03	0.00	0.00	0.41	Cal:14.0 O2/6.04 CO2
19-Dec-07 11:19:02	13.96	6.01	0.47	-0.08	-0.15	0.00	0.00	0.40	Cal:14.0 O2/6.04 CO2

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Instrumental Reference Method On-Line Data

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LAKE COGENERATION FACILITY								UMITILLA, FLORIDA	
Parameter	SVMX O2	SVMX CO2 API200EHNOX	API300ECO	CO-7% O2	NOX-L/M/O2	CO-L/M,O2	NOX	Comments	Comment2
Units	%V,d	%V,d	ppmVd	ppmVd	0.00	L/M,D	L/M,D @15%O2		
19-Dec-07	11:19:12	13.96	6.02	0.47	-0.18	-0.35	0.00	0.40 Cal:14.0 O2/6.04 CO2	
19-Dec-07	11:19:23	13.96	6.02	0.45	-0.21	-0.41	0.00	0.39 Cal:14.0 O2/6.04 CO2	
Average:	11:19:30	13.96	6.02	0.47	-0.11	-0.2229	0.00	0.40 Cal:14.0 O2/6.04 CO2	
Gas Value:	11:19:30	14	6.04	0	0	0	#N/A	#N/A	#N/A 14.0 O2/6.04 CO2
Diff%ofSpan	11:19:30	-0.20%	-0.12%	0.99%	-0.25%	-2.61%	#N/A	#N/A	#N/A
19-Dec-07	11:21:21	0.00	0.04	0.29	28.96	19.26	0.00	0.02	0.08 Cal:28.8 CO
19-Dec-07	11:21:31	0.00	0.03	0.27	28.94	19.25	0.00	0.02	0.08 Cal:28.8 CO
19-Dec-07	11:21:42	0.00	0.03	0.25	28.94	19.25	0.00	0.02	0.07 Cal:28.8 CO
19-Dec-07	11:21:51	0.00	0.03	0.24	28.94	19.24	0.00	0.02	0.07 Cal:28.8 CO
Average:	11:21:52	0.00	0.03	0.26	28.94	19.2481	0.00	0.02	0.07 Cal:28.8 CO
Gas Value:	11:21:52	0	0	0	28.8	#N/A	#N/A	#N/A	#N/A 28.8 CO
Diff%ofSpan	11:21:52	-0.01%	0.16%	0.55%	0.32%	#N/A	#N/A	#N/A	#N/A
19-Dec-07	11:25:31	14.39	3.81	26.68	27.29	58.22	0.09	0.06	24.17 RATA RUN 6, COMP. RUN 3/2, 1 POINT
19-Dec-07	11:26:01	14.38	3.81	26.82	27.25	58.12	0.09	0.06	24.29 RATA RUN 6, COMP. RUN 3/2, 1 POINT
19-Dec-07	11:26:30	14.38	3.81	26.82	27.26	58.13	0.09	0.06	24.28 RATA RUN 6, COMP. RUN 3/2, 1 POINT
19-Dec-07	11:27:00	14.39	3.81	26.85	27.28	58.23	0.10	0.06	24.33 RATA RUN 6, COMP. RUN 3/2, 1 POINT
19-Dec-07	11:27:30	14.39	3.81	26.85	27.27	58.24	0.10	0.06	24.33 RATA RUN 6, COMP. RUN 3/2, 1 POINT
19-Dec-07	11:28:00	14.39	3.81	26.86	27.24	58.20	0.10	0.06	24.36 RATA RUN 6, COMP. RUN 3/2, 1 POINT
19-Dec-07	11:28:30	14.40	3.81	26.87	27.26	58.26	0.10	0.06	24.37 RATA RUN 6, COMP. RUN 3/2, 1 POINT
19-Dec-07	11:29:00	14.39	3.81	26.90	27.25	58.17	0.10	0.06	24.40 RATA RUN 6, COMP. RUN 3/2, 1 POINT
19-Dec-07	11:29:30	14.39	3.81	26.90	27.19	58.04	0.10	0.06	24.43 RATA RUN 6, COMP. RUN 3/2, 1 POINT
19-Dec-07	11:30:00	14.40	3.81	26.95	27.18	58.09	0.10	0.06	24.45 RATA RUN 6, COMP. RUN 3/2, 1 POINT
19-Dec-07	11:30:30	14.40	3.81	26.98	27.22	58.20	0.10	0.06	24.48 RATA RUN 6, COMP. RUN 3/2, 1 POINT
19-Dec-07	11:31:00	14.40	3.81	26.97	27.21	58.18	0.10	0.06	24.48 RATA RUN 6, COMP. RUN 3/2, 1 POINT
19-Dec-07	11:31:30	14.40	3.81	26.98	27.19	58.14	0.10	0.06	24.49 RATA RUN 6, COMP. RUN 3/2, 1 POINT
19-Dec-07	11:32:00	14.40	3.81	27.01	27.15	58.05	0.10	0.06	24.51 RATA RUN 6, COMP. RUN 3/2, 1 POINT
19-Dec-07	11:32:30	14.40	3.81	27.00	27.16	58.10	0.10	0.06	24.52 RATA RUN 6, COMP. RUN 3/2, 1 POINT
19-Dec-07	11:33:00	14.40	3.81	27.03	27.17	58.11	0.10	0.06	24.54 RATA RUN 6, COMP. RUN 3/2, 1 POINT
19-Dec-07	11:33:30	14.40	3.81	27.02	27.19	58.18	0.10	0.06	24.54 RATA RUN 6, COMP. RUN 3/2, 1 POINT
19-Dec-07	11:34:00	14.40	3.81	27.02	27.21	58.23	0.10	0.06	24.54 RATA RUN 6, COMP. RUN 3/2, 1 POINT
19-Dec-07	11:34:30	14.41	3.81	26.99	27.27	58.38	0.10	0.06	24.52 RATA RUN 6, COMP. RUN 3/2, 1 POINT
19-Dec-07	11:35:00	14.41	3.81	26.99	27.27	58.37	0.10	0.06	24.52 RATA RUN 6, COMP. RUN 3/2, 1 POINT
19-Dec-07	11:35:30	14.40	3.81	27.03	27.29	58.39	0.10	0.06	24.55 RATA RUN 6, COMP. RUN 3/2, 1 POINT
19-Dec-07	11:36:00	14.40	3.81	27.07	27.25	58.26	0.10	0.06	24.64 RATA RUN 6, COMP. RUN 3/2, 1 POINT
19-Dec-07	11:36:30	14.40	3.81	27.11	27.24	58.27	0.10	0.06	24.62 RATA RUN 6, COMP. RUN 3/2, 1 POINT
19-Dec-07	11:37:00	14.40	3.81	27.13	27.23	58.15	0.10	0.06	24.64 RATA RUN 6, COMP. RUN 3/2, 1 POINT
19-Dec-07	11:37:30	14.40	3.81	27.15	27.20	58.19	0.10	0.06	24.65 RATA RUN 6, COMP. RUN 3/2, 1 POINT
19-Dec-07	11:38:00	14.40	3.81	27.16	27.17	58.11	0.10	0.06	24.65 RATA RUN 6, COMP. RUN 3/2, 1 POINT
19-Dec-07	11:38:31	14.40	3.81	27.17	27.15	58.11	0.10	0.06	24.66 RATA RUN 6, COMP. RUN 3/2, 1 POINT
19-Dec-07	11:39:00	14.40	3.81	27.18	27.12	57.94	0.10	0.06	24.69 RATA RUN 6, COMP. RUN 3/2, 1 POINT

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Instrumental Reference Method On-Line Data

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LAKE COGENERATION FACILITY

UMITILLA, FLORIDA

Parameter	SVMX O2	SVMX CO2 API200EHNOX	API300ECO	CO-7% O2	NOX-L/M02	CO-L/M,O2	NOX	Comments	Comment2
Units	%V,d	%V,d	ppmVd	ppmVd	0.00	L/M,D	L/M,D	@15%O2	
19-Dec-07	11:39:30	14.40	3.81	27.19	27.08	57.90	0.10	0.06	24.68 RATA RUN 6, COMP. RUN 3/2, 1 POINT
19-Dec-07	11:40:08	14.40	3.82	27.19	27.06	57.88	0.10	0.06	24.68 RATA RUN 6, COMP. RUN 3/2, 1 POINT
19-Dec-07	11:40:37	14.40	3.81	27.22	27.06	57.90	0.10	0.06	24.72 RATA RUN 6, COMP. RUN 3/2, 1 POINT
19-Dec-07	11:41:00	14.40	3.81	27.20	27.08	57.96	0.10	0.06	24.71 RATA RUN 6, COMP. RUN 3/2, 1 POINT
19-Dec-07	11:41:30	14.40	3.81	27.19	27.08	58.00	0.10	0.06	24.67 RATA RUN 6, COMP. RUN 3/2, 1 POINT
19-Dec-07	11:42:24	14.40	3.81	27.16	27.10	58.00	0.10	0.06	24.67 RATA RUN 6, COMP. RUN 3/2, 1 POINT
19-Dec-07	11:42:31	14.41	3.81	27.20	27.08	57.95	0.10	0.06	24.71 RATA RUN 6, COMP. RUN 3/2, 1 POINT
19-Dec-07	11:43:00	14.41	3.81	27.18	27.05	57.91	0.10	0.06	24.70 RATA RUN 6, COMP. RUN 3/2, 1 POINT
19-Dec-07	11:43:30	14.41	3.81	27.18	27.00	57.83	0.10	0.06	24.71 RATA RUN 6, COMP. RUN 3/2, 1 POINT
19-Dec-07	11:44:00	14.41	3.81	27.18	26.96	57.75	0.10	0.06	24.72 RATA RUN 6, COMP. RUN 3/2, 1 POINT
19-Dec-07	11:44:31	14.41	3.81	27.21	26.96	57.73	0.10	0.06	24.74 RATA RUN 6, COMP. RUN 3/2, 1 POINT
19-Dec-07	11:45:00	14.41	3.81	27.19	26.99	57.79	0.10	0.06	24.71 RATA RUN 6, COMP. RUN 3/2, 1 POINT
19-Dec-07	11:45:30	14.41	3.81	27.24	27.00	57.76	0.10	0.06	24.75 RATA RUN 6, COMP. RUN 3/2, 1 POINT
19-Dec-07	11:46:01	14.40	3.81	27.23	27.00	57.76	0.10	0.06	24.73 RATA RUN 6, COMP. RUN 3/2, 1 POINT
19-Dec-07	11:46:30	14.40	3.81	27.26	26.99	57.70	0.10	0.06	24.74 RATA RUN 6, COMP. RUN 3/2, 1 POINT
19-Dec-07	11:47:00	14.40	3.81	27.27	26.96	57.66	0.10	0.06	24.76 RATA RUN 6, COMP. RUN 3/2, 1 POINT
19-Dec-07	11:47:30	14.40	3.81	27.29	26.93	57.62	0.10	0.06	24.78 RATA RUN 6, COMP. RUN 3/2, 1 POINT
19-Dec-07	11:48:01	14.40	3.81	27.26	26.91	57.57	0.10	0.06	24.75 RATA RUN 6, COMP. RUN 3/2, 1 POINT
19-Dec-07	11:48:31	14.40	3.81	27.24	26.90	57.54	0.10	0.06	24.73 RATA RUN 6, COMP. RUN 3/2, 1 POINT
19-Dec-07	11:49:00	14.40	3.81	27.21	26.92	57.59	0.10	0.06	24.72 RATA RUN 6, COMP. RUN 3/2, 1 POINT
19-Dec-07	11:49:30	14.40	3.81	27.20	26.91	57.53	0.10	0.06	24.69 RATA RUN 6, COMP. RUN 3/2, 1 POINT
19-Dec-07	11:50:00	14.40	3.81	27.19	26.92	57.57	0.10	0.06	24.70 RATA RUN 6, COMP. RUN 3/2, 1 POINT
19-Dec-07	11:50:30	14.40	3.81	27.21	26.96	57.64	0.10	0.06	24.71 RATA RUN 6, COMP. RUN 3/2, 1 POINT
19-Dec-07	11:51:00	14.40	3.81	27.22	26.97	57.69	0.10	0.06	24.71 RATA RUN 6, COMP. RUN 3/2, 1 POINT
19-Dec-07	11:51:30	14.40	3.81	27.21	27.00	57.75	0.10	0.06	24.67 RATA RUN 6, COMP. RUN 3/2, 1 POINT
19-Dec-07	11:52:00	14.40	3.81	27.17	27.02	57.79	0.10	0.06	24.64 RATA RUN 6, COMP. RUN 3/2, 1 POINT
19-Dec-07	11:52:30	14.40	3.81	27.14	27.01	57.76	0.10	0.06	24.64 RATA RUN 6, COMP. RUN 3/2, 1 POINT
19-Dec-07	11:53:00	14.40	3.81	27.15	27.03	57.81	0.10	0.06	24.63 RATA RUN 6, COMP. RUN 3/2, 1 POINT
19-Dec-07	11:53:30	14.40	3.81	27.13	27.06	57.87	0.10	0.06	24.63 RATA RUN 6, COMP. RUN 3/2, 1 POINT
19-Dec-07	11:54:00	14.40	3.81	27.14	27.09	57.92	0.10	0.06	24.63 RATA RUN 6, COMP. RUN 3/2, 1 POINT
19-Dec-07	11:54:30	14.40	3.81	27.14	27.12	57.98	0.10	0.06	24.64 RATA RUN 6, COMP. RUN 3/2, 1 POINT
19-Dec-07	11:55:00	14.40	3.81	27.15	27.15	58.06	0.10	0.06	24.64 RATA RUN 6, COMP. RUN 3/2, 1 POINT
Average:	11:55:00	14.40	3.81	27.10	27.11	57.9703	0.10	0.06	24.60 RATA RUN 6, COMP. RUN 3/2, 1 POINT
Maximum	11:55:00	14.41	3.82	27.29	27.29	58.39	0.10	0.06	24.78 RATA RUN 6, COMP. RUN 3/2, 1 POINT
Minimum	11:55:00	14.38	3.81	26.68	26.90	57.53	0.09	0.06	24.17 RATA RUN 6, COMP. RUN 3/2, 1 POINT
Std Dev	11:55:00	0.01	0.00	0.14	0.12	0.24	0.00	0.00	0.14 RATA RUN 6, COMP. RUN 3/2, 1 POINT
19-Dec-07	11:58:24	1.44	0.40	3.32	28.58	23.01	0.01	0.02	2.63 Cal:28.8 CO
19-Dec-07	11:58:34	0.00	0.02	0.68	28.82	19.16	0.00	0.02	0.19 Cal:28.8 CO
19-Dec-07	11:58:44	-0.01	0.02	0.67	28.88	19.20	0.00	0.02	0.19 Cal:28.8 CO
19-Dec-07	11:58:55	-0.01	0.02	0.65	28.89	19.21	0.00	0.02	0.18 Cal:28.8 CO

AIR CONSULTING AND ENGINEERING, INC.
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Instrumental Reference Method On-Line Data

CT-1 ~ # 191235

LAKE COGENERATION FACILITY									UMITILLA, FLORIDA
Parameter	SVMX O2	SVMX CO2 API200EHNOX	API300ECO	CO-7% O2	NOX-L/MO2	CO-L/M,O2	NOX	Comments	Comment2
Units	%V,d	%V,d	ppmVd	ppmVd	0.00	L/M,D	L/M,D @15%O2		
19-Dec-07	11:59:04	-0.01	0.02	0.63	28.88	19.20	0.00	0.02	0.18 Cal:28.8 CO
Average:	11:59:07	-0.01	0.02	0.66	28.87	19.1946	0.00	0.02	0.19 Cal:28.8 CO
Gas Value:	11:59:07	0	0	0	28.8	#N/A	#N/A	#N/A	#N/A 28.8 CO
Diff%ofSpan	11:59:07	-0.03%	0.09%	1.39%	0.15%	#N/A	#N/A	#N/A	#N/A
19-Dec-07	12:00:54	13.94	6.00	0.56	-0.05	-0.26	0.00	0.00	0.46 Cal:14.0 O2/6.04 CO2
19-Dec-07	12:01:04	13.94	6.00	0.54	-0.15	-0.31	0.00	0.00	0.46 Cal:14.0 O2/6.04 CO2
19-Dec-07	12:01:14	13.93	6.00	0.51	-0.16	-0.32	0.00	0.00	0.43 Cal:14.0 O2/6.04 CO2
19-Dec-07	12:01:24	13.94	6.00	0.49	-0.16	-0.30	0.00	0.00	0.41 Cal:14.0 O2/6.04 CO2
Average:	12:01:28	13.94	6.00	0.52	-0.13	-0.2957	0.00	0.00	0.44 Cal:14.0 O2/6.04 CO2
Gas Value:	12:01:28	14	6.04	0	0	0	#N/A	#N/A	#N/A 14.0 O2/6.04 CO2
Diff%ofSpan	12:01:28	-0.30%	-0.20%	1.11%	-0.29%	-3.46%	#N/A	#N/A	#N/A
19-Dec-07	12:03:35	-0.01	0.02	24.63	0.66	0.44	0.03	0.00	6.95 Cal:24.67 NOX
19-Dec-07	12:03:45	-0.01	0.02	24.64	0.76	0.50	0.03	0.00	6.95 Cal:24.67 NOX
19-Dec-07	12:03:55	-0.01	0.02	24.66	0.86	0.57	0.03	0.00	6.96 Cal:24.67 NOX
19-Dec-07	12:04:05	-0.01	0.02	24.68	0.95	0.63	0.03	0.00	6.96 Cal:24.67 NOX
Average:	12:04:07	-0.01	0.02	24.65	0.81	0.5374	0.03	0.00	6.96 Cal:24.67 NOX
Gas Value:	12:04:07	0	0	24.67	0	#N/A	#N/A	#N/A	#N/A 24.67 NOX
Diff%ofSpan	12:04:07	-0.04%	0.11%	-0.04%	1.80%	#N/A	#N/A	#N/A	#N/A
19-Dec-07	13:52:30	13.72	4.14	28.09	29.71	57.55	0.09	0.06	23.09 RATA RUN 7, COMP.RUN 4/1,
19-Dec-07	13:53:00	13.72	4.14	28.13	29.73	57.58	0.09	0.06	23.13 RATA RUN 7, COMP.RUN 4/1,
19-Dec-07	13:53:30	13.72	4.14	28.20	29.75	57.62	0.09	0.06	23.19 RATA RUN 7, COMP.RUN 4/1,
19-Dec-07	13:54:00	13.73	4.14	28.22	29.77	57.77	0.09	0.06	23.21 RATA RUN 7, COMP.RUN 4/1,
19-Dec-07	13:54:30	13.73	4.14	28.20	29.87	58.06	0.09	0.06	23.18 RATA RUN 7, COMP.RUN 4/1,
19-Dec-07	13:55:00	13.73	4.14	28.16	30.02	58.35	0.09	0.06	23.10 RATA RUN 7, COMP.RUN 4/1,
19-Dec-07	13:55:30	13.73	4.14	28.08	30.22	58.54	0.09	0.06	23.09 RATA RUN 7, COMP.RUN 4/1,
19-Dec-07	13:56:00	13.72	4.14	28.05	30.45	59.20	0.09	0.06	23.06 RATA RUN 7, COMP.RUN 4/1,
19-Dec-07	13:56:30	13.73	4.14	28.06	30.64	59.36	0.09	0.06	23.08 RATA RUN 7, COMP.RUN 4/1,
19-Dec-07	13:57:00	13.72	4.14	28.02	30.78	59.61	0.09	0.06	23.03 RATA RUN 7, COMP.RUN 4/1,
19-Dec-07	13:57:30	13.72	4.14	28.01	30.84	59.69	0.09	0.06	23.01 RATA RUN 7, COMP.RUN 4/1,
19-Dec-07	13:58:00	13.71	4.15	28.05	30.83	59.58	0.09	0.06	23.02 RATA RUN 7, COMP.RUN 4/1,
19-Dec-07	13:58:30	13.72	4.14	28.06	30.82	59.66	0.09	0.06	23.06 RATA RUN 7, COMP.RUN 4/1,
19-Dec-07	13:59:00	13.72	4.14	28.04	30.89	59.83	0.09	0.06	23.06 RATA RUN 7, COMP.RUN 4/1,
19-Dec-07	13:59:30	13.72	4.14	28.05	30.98	59.99	0.09	0.06	23.06 RATA RUN 7, COMP.RUN 4/1,
19-Dec-07	14:00:00	13.72	4.14	28.05	31.08	60.16	0.09	0.06	23.05 RATA RUN 7, COMP.RUN 4/1,
19-Dec-07	14:00:30	13.72	4.14	28.02	31.13	60.28	0.09	0.06	23.03 RATA RUN 7, COMP.RUN 4/1,
19-Dec-07	14:01:00	13.72	4.15	28.00	31.13	60.28	0.09	0.06	23.02 RATA RUN 7, COMP.RUN 4/1,
19-Dec-07	14:01:30	13.72	4.14	27.98	31.10	60.24	0.09	0.06	23.00 RATA RUN 7, COMP.RUN 4/1,
19-Dec-07	14:02:00	13.72	4.15	28.01	31.05	60.12	0.09	0.06	23.02 RATA RUN 7, COMP.RUN 4/1,
19-Dec-07	14:02:30	13.72	4.15	28.01	30.98	59.98	0.09	0.06	23.02 RATA RUN 7, COMP.RUN 4/1,

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Instrumental Reference Method On-Line Data

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LAKE COGENERATION FACILITY

UMITILLA, FLORIDA

Parameter	SVMX O2	SVMX CO2 API200EHNOX	API300ECO	CO-7% O2	NOX-L/M02	CO-L/M,O2	NOX	Comments	Comment2
	Units	%V,d	ppmVd	ppmVd	0.00	L/M,D	L/M,D	@15%O2	
19-Dec-07	14:03:00	13.72	4.15	28.04	31.00	60.02	0.09	0.06	23.04 RATA RUN 7, COMP.RUN 4/1,
19-Dec-07	14:03:30	13.72	4.15	28.04	31.05	60.10	0.09	0.06	23.04 RATA RUN 7, COMP.RUN 4/1,
19-Dec-07	14:04:00	13.72	4.15	28.08	31.06	60.12	0.09	0.06	23.07 RATA RUN 7, COMP.RUN 4/1,
19-Dec-07	14:04:30	13.72	4.14	28.06	31.03	60.11	0.09	0.06	23.07 RATA RUN 7, COMP.RUN 4/1,
19-Dec-07	14:05:00	13.72	4.15	28.06	31.03	60.09	0.09	0.06	23.07 RATA RUN 7, COMP.RUN 4/1,
19-Dec-07	14:05:30	13.72	4.15	28.05	31.03	60.02	0.09	0.06	23.04 RATA RUN 7, COMP.RUN 4/1,
19-Dec-07	14:06:00	13.72	4.15	28.05	31.01	60.01	0.09	0.06	23.04 RATA RUN 7, COMP.RUN 4/1,
19-Dec-07	14:06:30	13.71	4.15	28.08	31.03	60.01	0.09	0.06	23.05 RATA RUN 7, COMP.RUN 4/1,
19-Dec-07	14:07:00	13.71	4.15	28.10	31.08	60.09	0.09	0.06	23.06 RATA RUN 7, COMP.RUN 4/1,
19-Dec-07	14:07:30	13.71	4.15	28.13	31.12	60.13	0.09	0.06	23.07 RATA RUN 7, COMP.RUN 4/1,
19-Dec-07	14:08:00	13.71	4.15	28.11	31.11	60.11	0.09	0.06	23.06 RATA RUN 7, COMP.RUN 4/1,
19-Dec-07	14:08:31	13.72	4.15	28.08	31.10	60.18	0.09	0.06	23.06 RATA RUN 7, COMP.RUN 4/1,
19-Dec-07	14:09:00	13.72	4.15	28.04	31.06	60.08	0.09	0.06	23.03 RATA RUN 7, COMP.RUN 4/1,
19-Dec-07	14:09:30	13.71	4.15	28.00	31.03	60.02	0.09	0.06	22.99 RATA RUN 7, COMP.RUN 4/1,
19-Dec-07	14:10:00	13.71	4.15	27.99	31.03	60.00	0.09	0.06	22.97 RATA RUN 7, COMP.RUN 4/1,
19-Dec-07	14:10:30	13.71	4.15	28.01	31.07	60.06	0.09	0.06	22.99 RATA RUN 7, COMP.RUN 4/1,
19-Dec-07	14:11:00	13.71	4.15	28.03	31.09	60.08	0.09	0.06	22.99 RATA RUN 7, COMP.RUN 4/1,
19-Dec-07	14:11:30	13.71	4.15	28.08	31.11	60.12	0.09	0.06	23.03 RATA RUN 7, COMP.RUN 4/1,
19-Dec-07	14:12:00	13.70	4.16	28.09	31.07	59.93	0.09	0.06	23.00 RATA RUN 7, COMP.RUN 4/1,
19-Dec-07	14:12:31	13.70	4.16	28.07	30.99	59.70	0.09	0.06	23.01 RATA RUN 7, COMP.RUN 4/1,
19-Dec-07	14:13:00	13.70	4.16	28.07	30.88	59.53	0.09	0.06	23.02 RATA RUN 7, COMP.RUN 4/1,
19-Dec-07	14:13:30	13.70	4.16	28.10	30.81	59.48	0.09	0.06	23.03 RATA RUN 7, COMP.RUN 4/1,
19-Dec-07	14:14:00	13.70	4.16	28.09	30.78	59.46	0.09	0.06	23.03 RATA RUN 7, COMP.RUN 4/1,
19-Dec-07	14:14:31	13.70	4.16	28.14	30.82	59.52	0.09	0.06	23.07 RATA RUN 7, COMP.RUN 4/1,
19-Dec-07	14:15:00	13.70	4.16	28.16	30.83	59.53	0.09	0.06	23.07 RATA RUN 7, COMP.RUN 4/1,
19-Dec-07	14:15:30	13.70	4.15	28.14	30.84	59.58	0.09	0.06	23.07 RATA RUN 7, COMP.RUN 4/1,
19-Dec-07	14:16:00	13.70	4.15	28.14	30.88	59.61	0.09	0.06	23.06 RATA RUN 7, COMP.RUN 4/1,
19-Dec-07	14:16:30	13.70	4.15	28.11	30.90	59.66	0.09	0.06	23.03 RATA RUN 7, COMP.RUN 4/1,
19-Dec-07	14:17:00	13.70	4.16	28.06	30.92	59.71	0.09	0.06	23.00 RATA RUN 7, COMP.RUN 4/1,
19-Dec-07	14:17:30	13.70	4.16	28.03	30.99	59.82	0.09	0.06	22.96 RATA RUN 7, COMP.RUN 4/1,
19-Dec-07	14:18:00	13.70	4.15	28.01	31.07	59.98	0.09	0.06	22.95 RATA RUN 7, COMP.RUN 4/1,
19-Dec-07	14:18:30	13.70	4.15	27.95	31.12	60.08	0.09	0.06	22.90 RATA RUN 7, COMP.RUN 4/1,
19-Dec-07	14:19:00	13.70	4.16	27.96	31.15	60.13	0.09	0.06	22.88 RATA RUN 7, COMP.RUN 4/1,
19-Dec-07	14:19:30	13.70	4.16	27.93	31.14	60.08	0.09	0.06	22.89 RATA RUN 7, COMP.RUN 4/1,
19-Dec-07	14:20:00	13.70	4.16	27.97	31.11	59.99	0.09	0.06	22.90 RATA RUN 7, COMP.RUN 4/1,
19-Dec-07	14:20:30	13.70	4.16	27.98	31.07	59.98	0.09	0.06	22.93 RATA RUN 7, COMP.RUN 4/1,
19-Dec-07	14:21:00	13.70	4.15	28.04	31.03	59.91	0.09	0.06	22.98 RATA RUN 7, COMP.RUN 4/1,
19-Dec-07	14:21:30	13.70	4.16	28.05	30.99	59.85	0.09	0.06	22.99 RATA RUN 7, COMP.RUN 4/1,
19-Dec-07	14:22:00	13.70	4.16	28.07	30.96	59.77	0.09	0.06	23.01 RATA RUN 7, COMP.RUN 4/1,
Average:	14:22:00	13.71	4.15	28.06	30.85	59.6682	0.09	0.06	23.03 RATA RUN 7, COMP.RUN 4/1,

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Instrumental Reference Method On-Line Data

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LAKE COGENERATION FACILITY								UMITILLA, FLORIDA	
Parameter	SVMX O2	SVMX CO2 API200EHNOX	API300ECO	CO-7% O2	NOX-L/MO2	CO-L/M,O2	NOX	Comments	Comment2
Units	%V,d	%V,d	ppmVd	ppmVd	0.00	L/M,D	L/M,D	@15%O2	
Maximum	14:22:00	13.73	4.16	28.22	31.15	60.28	0.09	0.06	23.21 RATA RUN 7, COMP.RUN 4/1,
Minimum	14:22:00	13.70	4.14	27.93	29.71	57.55	0.09	0.06	22.88 RATA RUN 7, COMP.RUN 4/1,
Std Dev	14:22:00	0.01	0.01	0.06	0.39	0.70	0.00	0.06	0.06 RATA RUN 7, COMP.RUN 4/1,
19-Dec-07	14:24:40	1.38	0.44	25.59	4.52	6.93	0.03	0.01	8.73 Cal:24.67 NOX
19-Dec-07	14:24:50	0.01	0.03	25.30	1.43	0.95	0.03	0.00	7.14 Cal:24.67 NOX
19-Dec-07	14:25:00	0.01	0.03	25.30	1.34	0.89	0.03	0.00	7.14 Cal:24.67 NOX
19-Dec-07	14:25:10	0.00	0.03	25.31	1.32	0.88	0.03	0.00	7.15 Cal:24.67 NOX
19-Dec-07	14:25:20	0.00	0.02	25.29	1.32	0.88	0.03	0.00	7.14 Cal:24.67 NOX
Average:	14:25:22	0.01	0.03	25.30	1.35	0.8995	0.03	0.00	7.14 Cal:24.67 NOX
Gas Value:	14:25:22	0	0	24.67	0	#N/A	#N/A	#N/A	24.67 NOX
Diff%ofSpan	14:25:22	0.03%	0.13%	1.33%	3.01%	#N/A	#N/A	#N/A	#N/A
19-Dec-07	14:28:08	13.92	5.99	0.57	0.02	0.05	0.00	0.00	0.48 Cal:14.0 O2/6.04 CO2
19-Dec-07	14:28:18	13.92	5.99	0.57	-0.07	-0.15	0.00	0.00	0.48 Cal:14.0 O2/6.04 CO2
19-Dec-07	14:28:28	13.92	5.99	0.55	-0.15	-0.30	0.00	0.00	0.46 Cal:14.0 O2/6.04 CO2
19-Dec-07	14:28:38	13.92	5.99	0.54	-0.20	-0.42	0.00	0.00	0.45 Cal:14.0 O2/6.04 CO2
19-Dec-07	14:28:48	13.92	5.99	0.53	-0.22	-0.45	0.00	0.00	0.45 Cal:14.0 O2/6.04 CO2
Average:	14:28:50	13.92	5.99	0.55	-0.13	-0.2549	0.00	0.00	0.47 Cal:14.0 O2/6.04 CO2
Gas Value:	14:28:50	14	6.04	0	0	0	#N/A	#N/A	#N/A 14.0 O2/6.04 CO2
Diff%ofSpan	14:28:50	-0.38%	-0.24%	1.17%	-0.28%	-2.98%	#N/A	#N/A	#N/A
19-Dec-07	14:31:16	0.01	0.04	0.41	28.92	19.24	0.00	0.02	0.11 Cal:28.8 CO
19-Dec-07	14:31:26	0.01	0.04	0.40	28.90	19.23	0.00	0.02	0.11 Cal:28.8 CO
19-Dec-07	14:31:36	0.00	0.04	0.39	28.90	19.22	0.00	0.02	0.11 Cal:28.8 CO
19-Dec-07	14:31:46	0.00	0.04	0.38	28.90	19.22	0.00	0.02	0.11 Cal:28.8 CO
19-Dec-07	14:31:56	0.00	0.03	0.38	28.89	19.21	0.00	0.02	0.11 Cal:28.8 CO
Average:	14:32:02	0.00	0.04	0.39	28.90	19.2250	0.00	0.02	0.11 Cal:28.8 CO
Gas Value:	14:32:02	0	0	0	28.8	#N/A	#N/A	#N/A	28.8 CO
Diff%ofSpan	14:32:02	0.02%	0.20%	0.83%	0.22%	#N/A	#N/A	#N/A	#N/A
19-Dec-07	14:35:32	13.70	4.15	27.35	31.47	60.73	0.09	0.06	22.40 RATA RUN 8,COMP.RUN 4/2
19-Dec-07	14:36:02	13.69	4.15	27.43	31.62	60.94	0.09	0.06	22.44 RATA RUN 8,COMP.RUN 4/2
19-Dec-07	14:36:29	13.69	4.15	27.50	31.74	61.17	0.09	0.06	22.50 RATA RUN 8,COMP.RUN 4/2
19-Dec-07	14:36:59	13.69	4.15	27.54	31.72	61.18	0.09	0.06	22.55 RATA RUN 8,COMP.RUN 4/2
19-Dec-07	14:37:34	13.69	4.15	27.60	31.64	61.04	0.09	0.06	22.60 RATA RUN 8,COMP.RUN 4/2
19-Dec-07	14:38:07	13.70	4.15	27.66	31.56	60.91	0.09	0.06	22.66 RATA RUN 8,COMP.RUN 4/2
19-Dec-07	14:38:29	13.70	4.15	27.69	31.46	60.72	0.09	0.06	22.68 RATA RUN 8,COMP.RUN 4/2
19-Dec-07	14:38:59	13.70	4.15	27.69	31.36	60.50	0.09	0.06	22.68 RATA RUN 8,COMP.RUN 4/2
19-Dec-07	14:39:29	13.70	4.16	27.73	31.28	60.39	0.09	0.06	22.72 RATA RUN 8,COMP.RUN 4/2
19-Dec-07	14:39:59	13.70	4.16	27.72	31.23	60.30	0.09	0.06	22.72 RATA RUN 8,COMP.RUN 4/2
19-Dec-07	14:40:29	13.70	4.16	27.75	31.23	60.28	0.09	0.06	22.74 RATA RUN 8,COMP.RUN 4/2
19-Dec-07	14:40:59	13.70	4.16	27.79	31.29	60.44	0.09	0.06	22.77 RATA RUN 8,COMP.RUN 4/2

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Instrumental Reference Method On-Line Data

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Parameter	LAKE COGENERATION FACILITY						UMITILLA, FLORIDA		Comment2
	Units	SVMX O2	SVMX CO2 API200EHNOX	API300ECO	CO-7% O2	NOX-L/MO2	CO-L/M,O2	NOX	Comments
19-Dec-07 14:41:29	13.71	4.15	27.80	31.33	60.54	0.09	0.06	22.80	RATA RUN 8,COMP.RUN 4/2
19-Dec-07 14:41:59	13.71	4.15	27.81	31.35	60.59	0.09	0.06	22.81	RATA RUN 8,COMP.RUN 4/2
19-Dec-07 14:42:29	13.71	4.15	27.83	31.35	60.59	0.09	0.06	22.83	RATA RUN 8,COMP.RUN 4/2
19-Dec-07 14:42:59	13.71	4.15	27.83	31.34	60.51	0.09	0.06	22.83	RATA RUN 8,COMP.RUN 4/2
19-Dec-07 14:43:29	13.71	4.15	27.86	31.29	60.47	0.09	0.06	22.86	RATA RUN 8,COMP.RUN 4/2
19-Dec-07 14:43:59	13.70	4.16	27.88	31.28	60.42	0.09	0.06	22.86	RATA RUN 8,COMP.RUN 4/2
19-Dec-07 14:44:29	13.70	4.16	27.89	31.33	60.48	0.09	0.06	22.85	RATA RUN 8,COMP.RUN 4/2
19-Dec-07 14:45:00	13.70	4.16	27.95	31.37	60.55	0.09	0.06	22.90	RATA RUN 8,COMP.RUN 4/2
19-Dec-07 14:45:29	13.69	4.16	28.01	31.36	60.50	0.09	0.06	22.94	RATA RUN 8,COMP.RUN 4/2
19-Dec-07 14:45:59	13.69	4.16	28.03	31.35	60.45	0.09	0.06	22.95	RATA RUN 8,COMP.RUN 4/2
19-Dec-07 14:46:29	13.69	4.16	28.09	31.32	60.41	0.09	0.06	23.00	RATA RUN 8,COMP.RUN 4/2
19-Dec-07 14:47:00	13.70	4.15	28.07	31.24	60.28	0.09	0.06	23.00	RATA RUN 8,COMP.RUN 4/2
19-Dec-07 14:47:29	13.69	4.16	28.03	31.17	60.13	0.09	0.06	22.95	RATA RUN 8,COMP.RUN 4/2
19-Dec-07 14:47:59	13.70	4.16	27.99	31.14	60.09	0.09	0.06	22.92	RATA RUN 8,COMP.RUN 4/2
19-Dec-07 14:48:29	13.69	4.16	27.93	31.11	59.94	0.09	0.06	22.79	RATA RUN 8,COMP.RUN 4/2
19-Dec-07 14:49:00	13.69	4.16	27.84	31.08	59.95	0.09	0.06	22.79	RATA RUN 8,COMP.RUN 4/2
19-Dec-07 14:49:29	13.69	4.15	27.86	31.10	60.00	0.09	0.06	22.81	RATA RUN 8,COMP.RUN 4/2
19-Dec-07 14:49:59	13.70	4.15	27.87	31.19	60.19	0.09	0.06	22.83	RATA RUN 8,COMP.RUN 4/2
19-Dec-07 14:50:29	13.69	4.16	27.85	31.24	60.26	0.09	0.06	22.80	RATA RUN 8,COMP.RUN 4/2
19-Dec-07 14:51:00	13.69	4.16	27.88	31.29	60.39	0.09	0.06	22.83	RATA RUN 8,COMP.RUN 4/2
19-Dec-07 14:51:29	13.70	4.16	27.95	31.37	60.53	0.09	0.06	22.89	RATA RUN 8,COMP.RUN 4/2
19-Dec-07 14:51:59	13.70	4.16	27.97	31.40	60.60	0.09	0.06	22.93	RATA RUN 8,COMP.RUN 4/2
19-Dec-07 14:52:29	13.70	4.16	28.00	31.37	60.53	0.09	0.06	22.93	RATA RUN 8,COMP.RUN 4/2
19-Dec-07 14:52:59	13.69	4.16	28.02	31.37	60.51	0.09	0.06	22.95	RATA RUN 8,COMP.RUN 4/2
19-Dec-07 14:53:29	13.70	4.15	28.03	31.35	60.49	0.09	0.06	22.96	RATA RUN 8,COMP.RUN 4/2
19-Dec-07 14:53:59	13.70	4.16	28.01	31.28	60.36	0.09	0.06	22.94	RATA RUN 8,COMP.RUN 4/2
19-Dec-07 14:54:29	13.69	4.16	27.99	31.19	60.17	0.09	0.06	22.92	RATA RUN 8,COMP.RUN 4/2
19-Dec-07 14:54:59	13.70	4.16	28.02	31.12	60.04	0.09	0.06	22.94	RATA RUN 8,COMP.RUN 4/2
19-Dec-07 14:55:29	13.69	4.16	28.04	31.04	59.87	0.09	0.06	22.96	RATA RUN 8,COMP.RUN 4/2
19-Dec-07 14:55:59	13.70	4.16	28.08	31.01	59.84	0.09	0.06	23.02	RATA RUN 8,COMP.RUN 4/2
19-Dec-07 14:56:29	13.70	4.16	28.10	31.02	59.88	0.09	0.06	23.02	RATA RUN 8,COMP.RUN 4/2
19-Dec-07 14:56:59	13.70	4.16	28.13	31.06	59.92	0.09	0.06	23.03	RATA RUN 8,COMP.RUN 4/2
19-Dec-07 14:57:29	13.69	4.16	28.13	31.09	59.95	0.09	0.06	23.03	RATA RUN 8,COMP.RUN 4/2
19-Dec-07 14:57:59	13.69	4.16	28.09	31.13	60.07	0.09	0.06	22.98	RATA RUN 8,COMP.RUN 4/2
19-Dec-07 14:58:29	13.69	4.16	28.05	31.16	60.09	0.09	0.06	22.96	RATA RUN 8,COMP.RUN 4/2
19-Dec-07 14:58:59	13.69	4.16	28.04	31.14	60.03	0.09	0.06	22.94	RATA RUN 8,COMP.RUN 4/2
19-Dec-07 14:59:29	13.69	4.16	28.04	31.14	60.04	0.09	0.06	22.95	RATA RUN 8,COMP.RUN 4/2
19-Dec-07 14:59:59	13.69	4.16	28.03	31.13	60.07	0.09	0.06	22.96	RATA RUN 8,COMP.RUN 4/2
19-Dec-07 15:00:29	13.70	4.15	27.99	31.11	60.07	0.09	0.06	22.94	RATA RUN 8,COMP.RUN 4/2
19-Dec-07 15:00:59	13.70	4.15	27.98	31.08	60.00	0.09	0.06	22.93	RATA RUN 8,COMP.RUN 4/2

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Instrumental Reference Method On-Line Data

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LAKE COGENERATION FACILITY									UMITILLA, FLORIDA
Parameter	SVMX O2	SVMX CO2 API200EHNOX	API300ECO	CO-7% O2	NOX-L/MO2	CO-L/M,O2	NOX	Comments	Comment2
Units	%V,d	%V,d	ppmVd	ppmVd	0.00	L/M,D	L/M,D	@15%O2	
19-Dec-07	15:01:29	13.69	4.16	27.95	31.09	59.98	0.09	0.06	22.88 RATA RUN 8,COMP.RUN 4/2
19-Dec-07	15:01:59	13.69	4.15	27.91	31.06	59.93	0.09	0.06	22.83 RATA RUN 8,COMP.RUN 4/2
19-Dec-07	15:02:29	13.69	4.15	27.87	31.07	59.94	0.09	0.06	22.83 RATA RUN 8,COMP.RUN 4/2
19-Dec-07	15:02:59	13.69	4.15	27.91	31.09	59.98	0.09	0.06	22.85 RATA RUN 8,COMP.RUN 4/2
19-Dec-07	15:03:29	13.69	4.15	27.92	31.13	60.01	0.09	0.06	22.84 RATA RUN 8,COMP.RUN 4/2
19-Dec-07	15:03:59	13.69	4.15	27.95	31.10	59.98	0.09	0.06	22.88 RATA RUN 8,COMP.RUN 4/2
19-Dec-07	15:04:29	13.69	4.16	28.00	31.06	59.90	0.09	0.06	22.92 RATA RUN 8,COMP.RUN 4/2
19-Dec-07	15:04:59	13.69	4.16	28.01	31.02	59.82	0.09	0.06	22.93 RATA RUN 8,COMP.RUN 4/2
Average:	15:04:59	13.70	4.16	27.90	31.25	60.2990	0.09	0.06	22.85 RATA RUN 8,COMP.RUN 4/2
Maximum	15:04:59	13.71	4.16	28.13	31.74	61.18	0.09	0.06	23.03 RATA RUN 8,COMP.RUN 4/2
Minimum	15:04:59	13.69	4.15	27.35	31.01	59.82	0.09	0.06	22.40 RATA RUN 8,COMP.RUN 4/2
Std Dev	15:04:59	0.01	0.00	0.17	0.18	0.34	0.00	0.00	0.14 RATA RUN 8,COMP.RUN 4/2
19-Dec-07	15:08:44	1.37	0.44	3.56	29.21	23.34	0.01	0.02	2.51 Cal:28.8 CO
19-Dec-07	15:08:54	0.00	0.02	0.83	28.95	19.25	0.00	0.02	0.23 Cal:28.8 CO
19-Dec-07	15:09:05	0.00	0.02	0.83	28.90	19.21	0.00	0.02	0.23 Cal:28.8 CO
19-Dec-07	15:09:14	0.00	0.02	0.80	28.85	19.18	0.00	0.02	0.23 Cal:28.8 CO
19-Dec-07	15:09:24	-0.01	0.02	0.78	28.81	19.15	0.00	0.02	0.22 Cal:28.8 CO
Average:	15:09:31	0.00	0.02	0.81	28.87	19.2003	0.00	0.02	0.23 Cal:28.8 CO
Gas Value:	15:09:31	0	0	0	28.8	#N/A	#N/A	#N/A	#N/A 28.8 CO
Diff%ofSpan	15:09:31	-0.02%	0.11%	1.71%	0.17%	#N/A	#N/A	#N/A	#N/A
19-Dec-07	15:11:38	13.90	5.97	0.61	-0.15	-0.30	0.00	0.00	0.51 Cal:14.0 O2/6.04 CO2
19-Dec-07	15:11:49	13.90	5.98	0.58	-0.17	-0.34	0.00	0.00	0.49 Cal:14.0 O2/6.04 CO2
19-Dec-07	15:11:58	13.90	5.98	0.57	-0.17	-0.35	0.00	0.00	0.48 Cal:14.0 O2/6.04 CO2
19-Dec-07	15:12:08	13.90	5.98	0.57	-0.17	-0.34	0.00	0.00	0.48 Cal:14.0 O2/6.04 CO2
Average:	15:12:11	13.90	5.98	0.58	-0.17	-0.3333	0.00	0.00	0.49 Cal:14.0 O2/6.04 CO2
Gas Value:	15:12:11	14	6.04	0	0	0	#N/A	#N/A	#N/A 14.0 O2/6.04 CO2
Diff%ofSpan	15:12:11	-0.49%	-0.32%	1.22%	-0.37%	-3.90%	#N/A	#N/A	#N/A
19-Dec-07	15:14:00	0.00	0.04	24.71	0.40	0.26	0.03	0.00	6.98 Cal:24.67 NOX
19-Dec-07	15:14:10	0.00	0.03	24.69	0.49	0.33	0.03	0.00	6.97 Cal:24.67 NOX
19-Dec-07	15:14:20	0.00	0.03	24.69	0.60	0.40	0.03	0.00	6.97 Cal:24.67 NOX
19-Dec-07	15:14:30	-0.01	0.03	24.69	0.69	0.46	0.03	0.00	6.97 Cal:24.67 NOX
Average:	15:14:37	0.00	0.03	24.69	0.54	0.3624	0.03	0.00	6.97 Cal:24.67 NOX
Gas Value:	15:14:37	0	0	24.67	0	#N/A	#N/A	#N/A	#N/A 24.67 NOX
Diff%ofSpan	15:14:37	-0.01%	0.16%	0.05%	1.21%	#N/A	#N/A	#N/A	#N/A
19-Dec-07	15:18:39	13.69	4.14	27.46	31.13	59.98	0.08	0.06	22.46 RATA RUN 9,COMP.RUN 5/1,
19-Dec-07	15:19:00	13.69	4.15	27.43	31.14	60.03	0.08	0.06	22.44 RATA RUN 9,COMP.RUN 5/1,
19-Dec-07	15:19:29	13.69	4.15	27.41	31.17	60.10	0.08	0.06	22.43 RATA RUN 9,COMP.RUN 5/1,
19-Dec-07	15:19:59	13.69	4.15	27.45	31.14	60.01	0.08	0.06	22.50 RATA RUN 9,COMP.RUN 5/1,
19-Dec-07	15:20:29	13.69	4.15	27.48	31.12	60.02	0.08	0.06	22.48 RATA RUN 9,COMP.RUN 5/1,

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Instrumental Reference Method On-Line Data

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Parameter	LAKE COGENERATION FACILITY						UMITILLA, FLORIDA		Comment2
	Units	SVMX O2	SVMX CO2	API200EHNOX	API300ECO	CO-7% O2	NOX-L/MO2	CO-L/M,O2	NOX
19-Dec-07 15:20:59	13.69	4.15	27.58	31.19	60.15	0.08	0.06	22.59	RATA RUN 9,COMP.RUN 5/1,
19-Dec-07 15:21:29	13.69	4.15	27.60	31.24	60.26	0.08	0.06	22.60	RATA RUN 9,COMP.RUN 5/1,
19-Dec-07 15:21:59	13.69	4.15	27.69	31.31	60.40	0.08	0.06	22.67	RATA RUN 9,COMP.RUN 5/1,
19-Dec-07 15:22:29	13.69	4.15	27.73	31.40	60.57	0.08	0.06	22.70	RATA RUN 9,COMP.RUN 5/1,
19-Dec-07 15:22:59	13.70	4.15	27.77	31.45	60.68	0.08	0.06	22.74	RATA RUN 9,COMP.RUN 5/1,
19-Dec-07 15:23:29	13.70	4.15	27.78	31.47	60.72	0.08	0.06	22.75	RATA RUN 9,COMP.RUN 5/1,
19-Dec-07 15:23:59	13.70	4.15	27.81	31.50	60.79	0.08	0.06	22.77	RATA RUN 9,COMP.RUN 5/1,
19-Dec-07 15:24:29	13.70	4.15	27.80	31.51	60.82	0.08	0.06	22.78	RATA RUN 9,COMP.RUN 5/1,
19-Dec-07 15:24:59	13.70	4.15	27.84	31.49	60.80	0.08	0.06	22.81	RATA RUN 9,COMP.RUN 5/1,
19-Dec-07 15:25:29	13.70	4.15	27.88	31.49	60.83	0.08	0.06	22.86	RATA RUN 9,COMP.RUN 5/1,
19-Dec-07 15:25:59	13.71	4.15	27.88	31.46	60.80	0.08	0.06	22.87	RATA RUN 9,COMP.RUN 5/1,
19-Dec-07 15:26:29	13.70	4.15	27.88	31.41	60.65	0.08	0.06	22.85	RATA RUN 9,COMP.RUN 5/1,
19-Dec-07 15:26:59	13.70	4.15	27.87	31.37	60.57	0.08	0.06	22.83	RATA RUN 9,COMP.RUN 5/1,
19-Dec-07 15:27:29	13.70	4.15	27.86	31.36	60.54	0.08	0.06	22.83	RATA RUN 9,COMP.RUN 5/1,
19-Dec-07 15:27:59	13.70	4.15	27.85	31.35	60.56	0.08	0.06	22.83	RATA RUN 9,COMP.RUN 5/1,
19-Dec-07 15:28:29	13.71	4.15	27.83	31.35	60.57	0.08	0.06	22.82	RATA RUN 9,COMP.RUN 5/1,
19-Dec-07 15:28:59	13.71	4.15	27.86	31.33	60.55	0.08	0.06	22.87	RATA RUN 9,COMP.RUN 5/1,
19-Dec-07 15:29:29	13.71	4.15	27.85	31.31	60.54	0.08	0.06	22.85	RATA RUN 9,COMP.RUN 5/1,
19-Dec-07 15:30:00	13.71	4.15	27.79	31.33	60.57	0.08	0.06	22.81	RATA RUN 9,COMP.RUN 5/1,
19-Dec-07 15:30:29	13.71	4.15	27.77	31.37	60.64	0.08	0.06	22.78	RATA RUN 9,COMP.RUN 5/1,
19-Dec-07 15:30:59	13.71	4.15	27.80	31.35	60.60	0.08	0.06	22.81	RATA RUN 9,COMP.RUN 5/1,
19-Dec-07 15:31:29	13.71	4.15	27.79	31.32	60.54	0.08	0.06	22.84	RATA RUN 9,COMP.RUN 5/1,
19-Dec-07 15:32:00	13.71	4.15	27.85	31.29	60.47	0.08	0.06	22.85	RATA RUN 9,COMP.RUN 5/1,
19-Dec-07 15:32:29	13.71	4.15	27.86	31.23	60.24	0.08	0.06	22.87	RATA RUN 9,COMP.RUN 5/1,
19-Dec-07 15:32:59	13.71	4.15	27.88	31.14	60.20	0.08	0.06	22.87	RATA RUN 9,COMP.RUN 5/1,
19-Dec-07 15:33:29	13.72	4.15	27.88	31.12	60.19	0.08	0.06	22.91	RATA RUN 9,COMP.RUN 5/1,
19-Dec-07 15:34:00	13.71	4.15	27.89	31.11	60.18	0.08	0.06	22.90	RATA RUN 9,COMP.RUN 5/1,
19-Dec-07 15:34:29	13.71	4.15	27.89	31.09	60.08	0.08	0.06	22.88	RATA RUN 9,COMP.RUN 5/1,
19-Dec-07 15:34:59	13.71	4.15	27.92	31.05	60.01	0.08	0.06	22.90	RATA RUN 9,COMP.RUN 5/1,
19-Dec-07 15:35:29	13.70	4.16	27.91	31.10	60.10	0.08	0.06	22.90	RATA RUN 9,COMP.RUN 5/1,
19-Dec-07 15:36:00	13.70	4.16	27.94	31.17	60.21	0.08	0.06	22.91	RATA RUN 9,COMP.RUN 5/1,
19-Dec-07 15:36:29	13.70	4.15	27.92	31.23	60.34	0.08	0.06	22.90	RATA RUN 9,COMP.RUN 5/1,
19-Dec-07 15:36:59	13.71	4.15	27.96	31.26	60.40	0.08	0.06	22.93	RATA RUN 9,COMP.RUN 5/1,
19-Dec-07 15:37:29	13.71	4.15	27.97	31.29	60.47	0.08	0.06	22.94	RATA RUN 9,COMP.RUN 5/1,
19-Dec-07 15:37:59	13.71	4.15	27.96	31.29	60.47	0.08	0.06	22.92	RATA RUN 9,COMP.RUN 5/1,
19-Dec-07 15:38:29	13.71	4.15	27.94	31.28	60.45	0.08	0.06	22.92	RATA RUN 9,COMP.RUN 5/1,
19-Dec-07 15:38:59	13.71	4.15	27.94	31.26	60.40	0.08	0.06	22.91	RATA RUN 9,COMP.RUN 5/1,
19-Dec-07 15:39:29	13.70	4.15	27.93	31.29	60.41	0.08	0.06	22.89	RATA RUN 9,COMP.RUN 5/1,
19-Dec-07 15:39:59	13.70	4.15	27.95	31.28	60.39	0.08	0.06	22.91	RATA RUN 9,COMP.RUN 5/1,
19-Dec-07 15:40:29	13.70	4.15	27.98	31.25	60.29	0.08	0.06	22.96	RATA RUN 9,COMP.RUN 5/1,

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Instrumental Reference Method On-Line Data

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LAKE COGENERATION FACILITY

UMITILLA, FLORIDA

Parameter	SVMX O2	SVMX CO2 API200EHNOX	API300ECO	CO-7% O2	NOX-L/MO2	CO-L/M,O2	NOX	Comments	Comment2
Units	%V,d	%V,d	ppmVd	ppmVd	0.00	L/M,D	L/M,D	@15%O2	
19-Dec-07	15:40:59	13.70	4.15	28.03	31.23	60.30	0.08	0.06	22.97 RATA RUN 9,COMP.RUN 5/1,
19-Dec-07	15:41:29	13.71	4.15	28.10	31.23	60.33	0.08	0.06	23.04 RATA RUN 9,COMP.RUN 5/1,
19-Dec-07	15:41:59	13.70	4.15	28.12	31.25	60.38	0.08	0.06	23.06 RATA RUN 9,COMP.RUN 5/1,
19-Dec-07	15:42:29	13.71	4.15	28.10	31.31	60.49	0.08	0.06	23.04 RATA RUN 9,COMP.RUN 5/1,
19-Dec-07	15:42:59	13.71	4.15	28.07	31.36	60.60	0.08	0.06	23.02 RATA RUN 9,COMP.RUN 5/1,
19-Dec-07	15:43:29	13.70	4.15	28.04	31.38	60.56	0.08	0.06	22.97 RATA RUN 9,COMP.RUN 5/1,
19-Dec-07	15:43:59	13.70	4.15	28.00	31.32	60.50	0.08	0.06	22.96 RATA RUN 9,COMP.RUN 5/1,
19-Dec-07	15:44:29	13.70	4.15	27.95	31.23	60.33	0.08	0.06	22.92 RATA RUN 9,COMP.RUN 5/1,
19-Dec-07	15:44:59	13.70	4.15	27.91	31.17	60.19	0.08	0.06	22.88 RATA RUN 9,COMP.RUN 5/1,
19-Dec-07	15:45:29	13.70	4.15	27.91	31.12	60.02	0.08	0.06	22.86 RATA RUN 9,COMP.RUN 5/1,
19-Dec-07	15:45:59	13.71	4.15	27.90	31.07	60.06	0.08	0.06	22.89 RATA RUN 9,COMP.RUN 5/1,
19-Dec-07	15:46:29	13.70	4.15	27.91	31.11	60.10	0.08	0.06	22.89 RATA RUN 9,COMP.RUN 5/1,
19-Dec-07	15:46:59	13.70	4.15	27.92	31.15	60.16	0.08	0.06	22.89 RATA RUN 9,COMP.RUN 5/1,
19-Dec-07	15:47:29	13.70	4.15	27.96	31.11	60.09	0.08	0.06	22.93 RATA RUN 9,COMP.RUN 5/1,
19-Dec-07	15:47:59	13.70	4.15	27.95	31.07	60.02	0.08	0.06	22.92 RATA RUN 9,COMP.RUN 5/1,
Average:	15:47:59	13.70	4.15	27.85	31.26	60.3783	0.08	0.06	22.84 RATA RUN 9,COMP.RUN 5/1,
Maximum	15:47:59	13.72	4.16	28.12	31.51	60.83	0.08	0.06	23.06 RATA RUN 9,COMP.RUN 5/1,
Minimum	15:47:59	13.69	4.14	27.41	31.05	59.98	0.08	0.06	22.43 RATA RUN 9,COMP.RUN 5/1,
Std Dev	15:47:59	0.01	0.00	0.16	0.12	0.24	0.00	0.00	0.15 RATA RUN 9,COMP.RUN 5/1,
19-Dec-07	15:50:56	1.38	0.44	25.42	4.42	6.88	0.03	0.01	8.68 Cal:24.67 NOX
19-Dec-07	15:51:06	0.01	0.02	25.16	1.33	0.89	0.03	0.00	7.10 Cal:24.67 NOX
19-Dec-07	15:51:16	0.01	0.02	25.17	1.33	0.89	0.03	0.00	7.11 Cal:24.67 NOX
19-Dec-07	15:51:27	0.00	0.02	25.16	1.33	0.89	0.03	0.00	7.11 Cal:24.67 NOX
19-Dec-07	15:51:36	0.00	0.02	25.16	1.33	0.89	0.03	0.00	7.10 Cal:24.67 NOX
Average:	15:51:39	0.01	0.02	25.16	1.33	0.8862	0.03	0.00	7.11 Cal:24.67 NOX
Gas Value:	15:51:39	0	0	24.67	0	#N/A	#N/A	#N/A	#N/A 24.67 NOX
Diff%ofSpan	15:51:39	0.02%	0.11%	1.05%	2.97%	#N/A	#N/A	#N/A	#N/A
19-Dec-07	15:54:31	13.91	5.98	0.63	-0.05	-0.21	0.00	0.00	0.53 Cal:14.0 O2/6.04 CO2
19-Dec-07	15:54:41	13.91	5.98	0.62	-0.13	-0.26	0.00	0.00	0.53 Cal:14.0 O2/6.04 CO2
19-Dec-07	15:54:51	13.91	5.98	0.62	-0.19	-0.41	0.00	0.00	0.52 Cal:14.0 O2/6.04 CO2
19-Dec-07	15:55:01	13.91	5.99	0.61	-0.22	-0.43	0.00	0.00	0.52 Cal:14.0 O2/6.04 CO2
Average:	15:55:05	13.91	5.98	0.62	-0.15	-0.3297	0.00	0.00	0.52 Cal:14.0 O2/6.04 CO2
Gas Value:	15:55:05	14	6.04	0	0	0	#N/A	#N/A	#N/A 14.0 O2/6.04 CO2
Diff%ofSpan	15:55:05	-0.42%	-0.28%	1.31%	-0.32%	-3.86%	#N/A	#N/A	#N/A
19-Dec-07	15:56:55	0.01	0.04	0.50	28.92	19.24	0.00	0.02	0.14 Cal:28.8 CO
19-Dec-07	15:57:04	0.01	0.03	0.49	28.92	19.24	0.00	0.02	0.14 Cal:28.8 CO
19-Dec-07	15:57:14	0.00	0.03	0.47	28.91	19.23	0.00	0.02	0.13 Cal:28.8 CO
19-Dec-07	15:57:24	0.00	0.03	0.46	28.90	19.22	0.00	0.02	0.13 Cal:28.8 CO
Average:	15:57:26	0.01	0.03	0.48	28.91	19.2343	0.00	0.02	0.14 Cal:28.8 CO

AIR CONSULTING AND ENGINEERING, INC.
2106 NW 67th Place, Suite 4, Gainesville, Florida 32653

Instrumental Reference Method On-Line Data

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Parameter	LAKE COGENERATION FACILITY					UMITILLA, FLORIDA			Comment2
	Units	SVMX O2 %V,d	SVMX CO2 API200EHNOX %V,d	API300ECO ppmVd	CO-7% O2 ppmVd	NOX-L/MO2 0.00	CO-L/M,O2 L/M,D	NOX L/M,D @15%O2	
Gas Value:	15:57:26	0	0	0	28.8	#N/A	#N/A	#N/A	28.8 CO
Diff%ofSpan	15:57:26	0.03%	0.16%	1.02%	0.25%	#N/A	#N/A	#N/A	#N/A
19-Dec-07	15:59:56	13.68	4.14	27.30	30.37	58.47	0.08	0.06	22.31 RATA RUN 10,COMP.5/2,
19-Dec-07	16:00:17	13.68	4.14	27.35	30.91	59.52	0.08	0.06	22.35 RATA RUN 10,COMP.5/2,
19-Dec-07	16:00:46	13.69	4.14	27.39	31.18	60.07	0.08	0.06	22.40 RATA RUN 10,COMP.5/2,
19-Dec-07	16:01:16	13.68	4.15	27.43	31.20	60.08	0.08	0.06	22.42 RATA RUN 10,COMP.5/2,
19-Dec-07	16:01:46	13.68	4.15	27.51	31.14	59.92	0.08	0.06	22.50 RATA RUN 10,COMP.5/2,
19-Dec-07	16:02:16	13.68	4.14	27.58	31.15	59.97	0.08	0.06	22.54 RATA RUN 10,COMP.5/2,
19-Dec-07	16:02:46	13.69	4.14	27.60	31.15	60.03	0.08	0.06	22.57 RATA RUN 10,COMP.5/2,
19-Dec-07	16:03:17	13.68	4.15	27.62	31.17	60.03	0.08	0.06	22.58 RATA RUN 10,COMP.5/2,
19-Dec-07	16:03:46	13.69	4.15	27.61	31.25	60.22	0.08	0.06	22.58 RATA RUN 10,COMP.5/2,
19-Dec-07	16:04:17	13.69	4.14	27.60	31.35	60.41	0.08	0.06	22.57 RATA RUN 10,COMP.5/2,
19-Dec-07	16:04:46	13.69	4.14	27.64	31.41	60.57	0.08	0.06	22.63 RATA RUN 10,COMP.5/2,
19-Dec-07	16:05:16	13.69	4.14	27.65	31.41	60.55	0.08	0.06	22.62 RATA RUN 10,COMP.5/2,
19-Dec-07	16:05:46	13.69	4.14	27.66	31.39	60.52	0.08	0.06	22.63 RATA RUN 10,COMP.5/2,
19-Dec-07	16:06:16	13.69	4.14	27.66	31.34	60.45	0.08	0.06	22.65 RATA RUN 10,COMP.5/2,
19-Dec-07	16:06:47	13.69	4.15	27.66	31.28	60.32	0.08	0.06	22.64 RATA RUN 10,COMP.5/2,
19-Dec-07	16:07:16	13.70	4.14	27.68	31.24	60.31	0.08	0.06	22.68 RATA RUN 10,COMP.5/2,
19-Dec-07	16:07:46	13.70	4.15	27.72	31.27	60.45	0.08	0.06	22.73 RATA RUN 10,COMP.5/2,
19-Dec-07	16:08:16	13.70	4.15	27.75	31.33	60.51	0.08	0.06	22.75 RATA RUN 10,COMP.5/2,
19-Dec-07	16:08:46	13.70	4.15	27.81	31.39	60.62	0.08	0.06	22.80 RATA RUN 10,COMP.5/2,
19-Dec-07	16:09:16	13.70	4.15	27.80	31.45	60.75	0.08	0.06	22.80 RATA RUN 10,COMP.5/2,
19-Dec-07	16:09:46	13.70	4.15	27.79	31.48	60.82	0.08	0.06	22.77 RATA RUN 10,COMP.5/2,
19-Dec-07	16:10:16	13.70	4.15	27.79	31.48	60.78	0.08	0.06	22.80 RATA RUN 10,COMP.5/2,
19-Dec-07	16:10:47	13.70	4.15	27.81	31.44	60.74	0.08	0.06	22.80 RATA RUN 10,COMP.5/2,
19-Dec-07	16:11:16	13.71	4.15	27.83	31.46	60.79	0.08	0.06	22.83 RATA RUN 10,COMP.5/2,
19-Dec-07	16:11:46	13.71	4.15	27.88	31.46	60.81	0.08	0.06	22.87 RATA RUN 10,COMP.5/2,
19-Dec-07	16:12:16	13.71	4.15	27.90	31.45	60.78	0.08	0.06	22.89 RATA RUN 10,COMP.5/2,
19-Dec-07	16:12:46	13.71	4.15	27.92	31.40	60.72	0.08	0.06	22.91 RATA RUN 10,COMP.5/2,
19-Dec-07	16:13:16	13.71	4.15	27.95	31.36	60.63	0.08	0.06	22.94 RATA RUN 10,COMP.5/2,
19-Dec-07	16:13:46	13.71	4.15	27.93	31.31	60.53	0.08	0.06	22.91 RATA RUN 10,COMP.5/2,
19-Dec-07	16:14:16	13.71	4.15	27.93	31.28	60.47	0.08	0.06	22.91 RATA RUN 10,COMP.5/2,
19-Dec-07	16:14:47	13.71	4.15	27.96	31.18	60.20	0.08	0.06	22.97 RATA RUN 10,COMP.5/2,
19-Dec-07	16:15:16	13.71	4.14	28.02	31.11	60.16	0.08	0.06	23.00 RATA RUN 10,COMP.5/2,
19-Dec-07	16:15:46	13.71	4.15	28.00	31.09	60.12	0.08	0.06	22.98 RATA RUN 10,COMP.5/2,
19-Dec-07	16:16:16	13.71	4.14	28.06	31.07	60.07	0.08	0.06	23.03 RATA RUN 10,COMP.5/2,
19-Dec-07	16:16:46	13.71	4.15	28.10	31.02	59.97	0.08	0.06	23.05 RATA RUN 10,COMP.5/2,
19-Dec-07	16:17:16	13.71	4.15	28.09	31.10	60.23	0.08	0.06	22.99 RATA RUN 10,COMP.5/2,
19-Dec-07	16:17:46	13.71	4.15	28.03	31.21	60.30	0.08	0.06	22.99 RATA RUN 10,COMP.5/2,
19-Dec-07	16:18:16	13.70	4.14	28.01	31.25	60.39	0.08	0.06	22.95 RATA RUN 10,COMP.5/2,

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Instrumental Reference Method On-Line Data

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LAKE COGENERATION FACILITY										UMITILLA, FLORIDA
Parameter	SVMX O2	SVMX CO2	API200EHNOX	API300ECO	CO-7% O2	NOX-L/M,O2	CO-L/M,O2	NOX	Comments	Comment2
Units	%V,d	%V,d	ppmVd	ppmVd	0.00	L/M,D	L/M,D	@15%O2		
19-Dec-07	16:18:47	13.70	4.15	27.99	31.30	60.46	0.08	0.06	22.95 RATA RUN 10,COMP.5/2,	
19-Dec-07	16:19:16	13.71	4.14	27.95	31.34	60.61	0.08	0.06	22.94 RATA RUN 10,COMP.5/2,	
19-Dec-07	16:19:46	13.71	4.14	28.00	31.34	60.60	0.08	0.06	22.98 RATA RUN 10,COMP.5/2,	
19-Dec-07	16:20:16	13.71	4.15	28.03	31.29	60.43	0.08	0.06	23.00 RATA RUN 10,COMP.5/2,	
19-Dec-07	16:20:46	13.71	4.14	28.04	31.28	60.45	0.08	0.06	23.01 RATA RUN 10,COMP.5/2,	
19-Dec-07	16:21:16	13.71	4.14	28.06	31.25	60.35	0.08	0.06	23.02 RATA RUN 10,COMP.5/2,	
19-Dec-07	16:21:47	13.71	4.14	28.07	31.21	60.30	0.08	0.06	22.99 RATA RUN 10,COMP.5/2,	
19-Dec-07	16:22:16	13.70	4.14	28.07	31.17	60.20	0.08	0.06	23.01 RATA RUN 10,COMP.5/2,	
19-Dec-07	16:22:47	13.70	4.14	28.05	31.17	60.17	0.08	0.06	22.98 RATA RUN 10,COMP.5/2,	
19-Dec-07	16:23:16	13.71	4.14	28.08	31.16	60.24	0.08	0.06	23.04 RATA RUN 10,COMP.5/2,	
19-Dec-07	16:23:46	13.70	4.14	28.07	31.15	60.18	0.08	0.06	23.01 RATA RUN 10,COMP.5/2,	
19-Dec-07	16:24:16	13.70	4.14	28.06	31.18	60.22	0.08	0.06	23.01 RATA RUN 10,COMP.5/2,	
19-Dec-07	16:24:46	13.71	4.14	28.01	31.22	60.31	0.08	0.06	22.95 RATA RUN 10,COMP.5/2,	
19-Dec-07	16:25:16	13.70	4.15	27.99	31.21	60.27	0.08	0.06	22.94 RATA RUN 10,COMP.5/2,	
19-Dec-07	16:25:47	13.70	4.14	27.94	31.22	60.31	0.08	0.06	22.91 RATA RUN 10,COMP.5/2,	
19-Dec-07	16:26:16	13.70	4.14	27.95	31.26	60.38	0.08	0.06	22.92 RATA RUN 10,COMP.5/2,	
19-Dec-07	16:26:47	13.71	4.14	27.98	31.24	60.36	0.08	0.06	22.95 RATA RUN 10,COMP.5/2,	
19-Dec-07	16:27:16	13.71	4.14	28.01	31.20	60.30	0.08	0.06	22.98 RATA RUN 10,COMP.5/2,	
19-Dec-07	16:27:46	13.71	4.14	28.04	31.19	60.30	0.08	0.06	23.01 RATA RUN 10,COMP.5/2,	
19-Dec-07	16:28:16	13.71	4.14	28.08	31.22	60.36	0.08	0.06	23.04 RATA RUN 10,COMP.5/2,	
19-Dec-07	16:28:46	13.71	4.14	28.12	31.25	60.44	0.09	0.06	23.08 RATA RUN 10,COMP.5/2,	
19-Dec-07	16:29:17	13.71	4.14	28.07	31.30	60.56	0.08	0.06	23.05 RATA RUN 10,COMP.5/2,	
Average:	16:29:17	13.70	4.15	27.86	31.25	60.3344	0.08	0.06	22.84 RATA RUN 10,COMP.5/2,	
Maximum	16:29:17	13.71	4.15	28.12	31.48	60.82	0.09	0.06	23.08 RATA RUN 10,COMP.5/2,	
Minimum	16:29:17	13.68	4.14	27.30	30.37	58.47	0.08	0.06	22.31 RATA RUN 10,COMP.5/2,	
Std Dev	16:29:17	0.01	0.00	0.21	0.17	0.36	0.00	0.00	0.20 RATA RUN 10,COMP.5/2,	
19-Dec-07	16:34:07	1.25	0.39	3.40	29.16	23.01	0.01	0.02	2.33 Cal:28.8 CO	
19-Dec-07	16:34:16	0.00	0.01	0.90	28.89	19.21	0.00	0.02	0.26 Cal:28.8 CO	
19-Dec-07	16:34:26	0.00	0.01	0.88	28.84	19.18	0.00	0.02	0.25 Cal:28.8 CO	
19-Dec-07	16:34:36	0.00	0.01	0.85	28.79	19.15	0.00	0.02	0.24 Cal:28.8 CO	
19-Dec-07	16:34:46	0.00	0.01	0.83	28.75	19.12	0.00	0.02	0.23 Cal:28.8 CO	
Average:	16:34:50	0.00	0.01	0.86	28.82	19.1640	0.00	0.02	0.24 Cal:28.8 CO	
Gas Value:	16:34:50	0	0	0	28.8	#N/A	#N/A	#N/A	#N/A 28.8 CO	
Diff%ofSpan	16:34:50	-0.02%	0.07%	1.82%	0.04%	#N/A	#N/A	#N/A	#N/A	
19-Dec-07	16:36:33	13.90	5.96	0.63	-0.08	-0.15	0.00	0.00	0.53 Cal:14.0 O2/6.04 CO2	
19-Dec-07	16:36:43	13.91	5.97	0.61	-0.17	-0.33	0.00	0.00	0.52 Cal:14.0 O2/6.04 CO2	
19-Dec-07	16:36:53	13.91	5.97	0.60	-0.19	-0.38	0.00	0.00	0.50 Cal:14.0 O2/6.04 CO2	
19-Dec-07	16:37:03	13.91	5.98	0.59	-0.19	-0.38	0.00	0.00	0.50 Cal:14.0 O2/6.04 CO2	
Average:	16:37:04	13.91	5.97	0.61	-0.16	-0.3129	0.00	0.00	0.51 Cal:14.0 O2/6.04 CO2	
Gas Value:	16:37:04	14	6.04	0	0	0	#N/A	#N/A	#N/A 14.0 O2/6.04 CO2	

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Instrumental Reference Method On-Line Data

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	Parameter	LAKE COGENERATION FACILITY					UMITILLA, FLORIDA		Comment2
		Units	SVMX O2	SVMX CO2 API200EHNOX	API300ECO	CO-7% O2 NOX-L/MO2	CO-L/M,O2	NOX	
			%V,d	%V,d	ppmVd	ppmVd	0.00	L/M,D	L/M,D @15%O2
Diff%ofSpan	16:37:04	-0.44%	-0.35%	1.28%	-0.35%	-3.66%	#N/A	#N/A	#N/A
19-Dec-07	16:38:55	0.00	0.03	24.63	0.41	0.28	0.03	0.00	6.95 Cal:24.67 NOX
19-Dec-07	16:39:05	0.00	0.03	24.77	0.51	0.34	0.03	0.00	6.99 Cal:24.67 NOX
19-Dec-07	16:39:15	0.00	0.02	24.77	0.61	0.41	0.03	0.00	6.99 Cal:24.67 NOX
19-Dec-07	16:39:25	-0.01	0.02	24.76	0.71	0.47	0.03	0.00	6.99 Cal:24.67 NOX
Average:	16:39:26	0.00	0.02	24.73	0.56	0.3731	0.03	0.00	6.98 Cal:24.67 NOX
Gas Value:	16:39:26	0	0	24.67	0	#N/A	#N/A	#N/A	#N/A 24.67 NOX
Diff%ofSpan	16:39:26	-0.01%	0.12%	0.13%	1.25%	#N/A	#N/A	#N/A	#N/A
19-Dec-07	16:42:30	13.70	4.14	27.41	31.02	59.86	0.08	0.06	22.45 RATA RUN 11,COMP.RUN 6/1
19-Dec-07	16:43:00	13.70	4.14	27.42	31.06	59.93	0.08	0.06	22.46 RATA RUN 11,COMP.RUN 6/1
19-Dec-07	16:43:30	13.70	4.14	27.44	31.08	60.01	0.08	0.06	22.49 RATA RUN 11,COMP.RUN 6/1
19-Dec-07	16:44:05	13.70	4.14	27.43	31.11	60.06	0.08	0.06	22.48 RATA RUN 11,COMP.RUN 6/1
19-Dec-07	16:44:30	13.70	4.14	27.45	31.10	60.04	0.08	0.06	22.49 RATA RUN 11,COMP.RUN 6/1
19-Dec-07	16:45:00	13.70	4.14	27.45	31.07	60.03	0.08	0.06	22.52 RATA RUN 11,COMP.RUN 6/1
19-Dec-07	16:45:30	13.71	4.14	27.49	31.09	60.11	0.08	0.06	22.55 RATA RUN 11,COMP.RUN 6/1
19-Dec-07	16:46:00	13.71	4.14	27.51	31.08	60.09	0.08	0.06	22.57 RATA RUN 11,COMP.RUN 6/1
19-Dec-07	16:46:30	13.71	4.14	27.53	31.07	60.06	0.08	0.06	22.59 RATA RUN 11,COMP.RUN 6/1
19-Dec-07	16:47:01	13.71	4.14	27.55	31.15	60.23	0.08	0.06	22.61 RATA RUN 11,COMP.RUN 6/1
19-Dec-07	16:47:30	13.71	4.15	27.61	31.23	60.40	0.08	0.06	22.66 RATA RUN 11,COMP.RUN 6/1
19-Dec-07	16:48:00	13.71	4.15	27.63	31.29	60.57	0.08	0.06	22.69 RATA RUN 11,COMP.RUN 6/1
19-Dec-07	16:48:30	13.71	4.15	27.66	31.37	60.68	0.08	0.06	22.71 RATA RUN 11,COMP.RUN 6/1
19-Dec-07	16:49:00	13.71	4.15	27.72	31.41	60.74	0.08	0.06	22.75 RATA RUN 11,COMP.RUN 6/1
19-Dec-07	16:49:30	13.71	4.15	27.76	31.35	60.63	0.08	0.06	22.79 RATA RUN 11,COMP.RUN 6/1
19-Dec-07	16:50:00	13.71	4.15	27.76	31.25	60.42	0.08	0.06	22.79 RATA RUN 11,COMP.RUN 6/1
19-Dec-07	16:50:30	13.71	4.14	27.78	31.12	60.20	0.08	0.06	22.81 RATA RUN 11,COMP.RUN 6/1
19-Dec-07	16:51:01	13.71	4.15	27.77	31.02	59.87	0.08	0.06	22.77 RATA RUN 11,COMP.RUN 6/1
19-Dec-07	16:51:30	13.71	4.15	27.74	30.95	59.85	0.08	0.06	22.77 RATA RUN 11,COMP.RUN 6/1
19-Dec-07	16:52:01	13.71	4.15	27.74	30.93	59.80	0.08	0.06	22.77 RATA RUN 11,COMP.RUN 6/1
19-Dec-07	16:52:30	13.71	4.14	27.75	30.92	59.80	0.08	0.06	22.77 RATA RUN 11,COMP.RUN 6/1
19-Dec-07	16:53:00	13.71	4.15	27.78	30.95	59.85	0.08	0.06	22.80 RATA RUN 11,COMP.RUN 6/1
19-Dec-07	16:53:30	13.71	4.14	27.78	30.93	59.83	0.08	0.06	22.81 RATA RUN 11,COMP.RUN 6/1
19-Dec-07	16:54:00	13.71	4.14	27.82	30.91	59.79	0.08	0.06	22.84 RATA RUN 11,COMP.RUN 6/1
19-Dec-07	16:54:31	13.71	4.14	27.80	30.97	60.01	0.08	0.06	22.81 RATA RUN 11,COMP.RUN 6/1
19-Dec-07	16:55:00	13.71	4.14	27.80	31.04	60.02	0.08	0.06	22.82 RATA RUN 11,COMP.RUN 6/1
19-Dec-07	16:55:30	13.72	4.15	27.77	31.04	60.14	0.08	0.06	22.83 RATA RUN 11,COMP.RUN 6/1
19-Dec-07	16:56:00	13.71	4.15	27.78	31.10	60.16	0.08	0.06	22.81 RATA RUN 11,COMP.RUN 6/1
19-Dec-07	16:56:30	13.71	4.15	27.78	31.20	60.36	0.08	0.06	22.81 RATA RUN 11,COMP.RUN 6/1
19-Dec-07	16:57:00	13.73	4.14	27.87	31.24	60.49	0.08	0.06	22.96 RATA RUN 11,COMP.RUN 6/1
19-Dec-07	16:57:30	13.72	4.14	27.94	31.23	60.47	0.08	0.06	22.96 RATA RUN 11,COMP.RUN 6/1
19-Dec-07	16:58:00	13.72	4.14	27.95	31.25	60.51	0.08	0.06	22.97 RATA RUN 11,COMP.RUN 6/1

AIR CONSULTING AND ENGINEERING, INC.
2106 NW 67th Place, Suite 4, Gainesville, Florida 32653

Instrumental Reference Method On-Line Data

CT-1 - # 191235

LAKE COGENERATION FACILITY

UMITILLA, FLORIDA

Parameter	SVMX O2	SVMX CO2 API200EHNOX	API300ECO	CO-7% O2	NOX-L/M02	CO-L/M,02	NOX	Comments	Comment2
Units	%V,d	%V,d	ppmVd	ppmVd	0.00	L/M,D	L/M,D @15%O2		
19-Dec-07	16:58:31	13.72	4.14	27.93	31.24	60.51	0.08	0.06	22.96 RATA RUN 11,COMP.RUN 6/1
19-Dec-07	16:59:00	13.72	4.14	27.88	31.20	60.41	0.08	0.06	22.92 RATA RUN 11,COMP.RUN 6/1
19-Dec-07	16:59:30	13.72	4.14	27.78	31.15	60.30	0.08	0.06	22.83 RATA RUN 11,COMP.RUN 6/1
19-Dec-07	17:00:00	13.72	4.14	27.74	31.11	60.24	0.08	0.06	22.80 RATA RUN 11,COMP.RUN 6/1
19-Dec-07	17:00:30	13.72	4.14	27.75	31.11	60.23	0.08	0.06	22.80 RATA RUN 11,COMP.RUN 6/1
19-Dec-07	17:01:00	13.72	4.14	27.74	31.10	60.19	0.08	0.06	22.79 RATA RUN 11,COMP.RUN 6/1
19-Dec-07	17:01:30	13.72	4.14	27.74	31.10	60.22	0.08	0.06	22.80 RATA RUN 11,COMP.RUN 6/1
19-Dec-07	17:02:00	13.72	4.14	27.73	31.06	60.14	0.08	0.06	22.76 RATA RUN 11,COMP.RUN 6/1
19-Dec-07	17:02:31	13.72	4.14	27.71	31.03	60.07	0.08	0.06	22.77 RATA RUN 11,COMP.RUN 6/1
19-Dec-07	17:03:00	13.72	4.14	27.68	30.99	60.02	0.08	0.06	22.76 RATA RUN 11,COMP.RUN 6/1
19-Dec-07	17:03:30	13.72	4.14	27.67	30.98	60.00	0.08	0.06	22.75 RATA RUN 11,COMP.RUN 6/1
19-Dec-07	17:04:00	13.72	4.14	27.69	30.94	59.92	0.08	0.06	22.76 RATA RUN 11,COMP.RUN 6/1
19-Dec-07	17:04:30	13.72	4.14	27.74	30.92	59.88	0.08	0.06	22.80 RATA RUN 11,COMP.RUN 6/1
19-Dec-07	17:05:00	13.72	4.14	27.77	30.93	59.90	0.08	0.06	22.82 RATA RUN 11,COMP.RUN 6/1
19-Dec-07	17:05:30	13.72	4.14	27.79	30.93	59.91	0.08	0.06	22.85 RATA RUN 11,COMP.RUN 6/1
19-Dec-07	17:06:00	13.72	4.14	27.82	30.86	59.71	0.08	0.06	22.85 RATA RUN 11,COMP.RUN 6/1
19-Dec-07	17:06:31	13.73	4.14	27.85	30.88	59.84	0.08	0.06	22.90 RATA RUN 11,COMP.RUN 6/1
19-Dec-07	17:07:00	13.72	4.14	27.86	30.95	59.96	0.08	0.06	22.91 RATA RUN 11,COMP.RUN 6/1
19-Dec-07	17:07:30	13.72	4.14	27.88	31.01	60.06	0.08	0.06	22.92 RATA RUN 11,COMP.RUN 6/1
19-Dec-07	17:08:00	13.72	4.14	27.95	31.07	60.16	0.08	0.06	22.97 RATA RUN 11,COMP.RUN 6/1
19-Dec-07	17:08:30	13.73	4.14	27.98	31.15	60.42	0.08	0.06	23.05 RATA RUN 11,COMP.RUN 6/1
19-Dec-07	17:09:00	13.73	4.14	28.01	31.13	60.33	0.08	0.06	23.04 RATA RUN 11,COMP.RUN 6/1
19-Dec-07	17:09:31	13.72	4.14	28.04	31.09	60.20	0.08	0.06	23.05 RATA RUN 11,COMP.RUN 6/1
19-Dec-07	17:10:00	13.72	4.14	28.03	31.08	60.17	0.08	0.06	23.04 RATA RUN 11,COMP.RUN 6/1
19-Dec-07	17:10:30	13.72	4.14	27.97	31.09	60.19	0.08	0.06	22.99 RATA RUN 11,COMP.RUN 6/1
19-Dec-07	17:11:00	13.72	4.15	27.96	31.14	60.24	0.08	0.06	22.96 RATA RUN 11,COMP.RUN 6/1
19-Dec-07	17:11:30	13.71	4.15	27.94	31.21	60.46	0.08	0.06	22.92 RATA RUN 11,COMP.RUN 6/1
19-Dec-07	17:12:00	13.71	4.15	27.92	31.34	60.61	0.08	0.06	22.92 RATA RUN 11,COMP.RUN 6/1
Average:	17:12:00	13.72	4.14	27.75	31.09	60.1546	0.08	0.06	22.79 RATA RUN 11,COMP.RUN 6/1
Maximum	17:12:00	13.73	4.15	28.04	31.41	60.74	0.08	0.06	23.05 RATA RUN 11,COMP.RUN 6/1
Minimum	17:12:00	13.70	4.14	27.41	30.86	59.71	0.08	0.06	22.45 RATA RUN 11,COMP.RUN 6/1
Std Dev	17:12:00	0.01	0.00	0.16	0.13	0.25	0.00	0.00	0.15 RATA RUN 11,COMP.RUN 6/1
19-Dec-07	17:15:56	1.37	0.43	25.70	4.31	6.85	0.03	0.01	8.76 Cal:24.67 NOX
19-Dec-07	17:16:06	0.00	0.01	25.43	1.28	0.85	0.03	0.00	7.18 Cal:24.67 NOX
19-Dec-07	17:16:16	0.00	0.01	25.38	1.28	0.85	0.03	0.00	7.16 Cal:24.67 NOX
19-Dec-07	17:16:26	-0.01	0.01	25.33	1.27	0.84	0.03	0.00	7.15 Cal:24.67 NOX
19-Dec-07	17:16:37	-0.01	0.01	25.32	1.26	0.84	0.03	0.00	7.14 Cal:24.67 NOX
19-Dec-07	17:16:46	-0.01	0.01	25.33	1.24	0.83	0.03	0.00	7.15 Cal:24.67 NOX
19-Dec-07	17:16:56	-0.01	0.01	25.33	1.24	0.82	0.03	0.00	7.15 Cal:24.67 NOX
Average:	17:17:02	-0.01	0.01	25.33	1.25	0.8323	0.03	0.00	7.15 Cal:24.67 NOX

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UMITILLA, FLORIDA

Parameter Units	SVMX O2 %V,d	SVMX CO2 API200EHNOX %V,d	API300ECO ppmVd	CO-7% O2 ppmVd	NOX-L/MO2 0.00	CO-L/M,O2 L/M,D	NOX L/M,D @15%O2	Comments	Comment2
Gas Value:	17:17:02	0	0	24.67	0	#N/A	#N/A	#N/A 24.67 NOX	
Diff%ofSpan	17:17:02	-0.03%	0.05%	1.39%	2.79%	#N/A	#N/A	#N/A	
19-Dec-07	17:20:12	13.92	5.99	0.58	-0.22	-0.46	0.00	0.49 Cal:14.0 O2/6.04 CO2	
19-Dec-07	17:20:23	13.92	5.99	0.56	-0.23	-0.46	0.00	0.48 Cal:14.0 O2/6.04 CO2	
19-Dec-07	17:20:32	13.92	5.99	0.53	-0.24	-0.48	0.00	0.45 Cal:14.0 O2/6.04 CO2	
19-Dec-07	17:20:42	13.92	5.99	0.51	-0.24	-0.48	0.00	0.43 Cal:14.0 O2/6.04 CO2	
Average:	17:20:49	13.92	5.99	0.55	-0.23	-0.4704	0.00	0.46 Cal:14.0 O2/6.04 CO2	
Gas Value:	17:20:49	14	6.04	0	0	0	#N/A	#N/A #N/A 14.0 O2/6.04 CO2	
Diff%ofSpan	17:20:49	-0.39%	-0.25%	1.16%	-0.52%	-5.50%	#N/A	#N/A	#N/A
19-Dec-07	17:22:33	0.01	0.04	0.43	28.94	19.26	0.00	0.02 0.12 Cal:28.8 CO	
19-Dec-07	17:22:43	0.01	0.04	0.43	28.89	19.22	0.00	0.02 0.12 Cal:28.8 CO	
19-Dec-07	17:22:53	0.00	0.03	0.41	28.89	19.22	0.00	0.02 0.12 Cal:28.8 CO	
19-Dec-07	17:23:03	0.00	0.03	0.42	28.89	19.21	0.00	0.02 0.12 Cal:28.8 CO	
Average:	17:23:06	0.01	0.04	0.42	28.90	19.2272	0.00	0.02 0.12 Cal:28.8 CO	
Gas Value:	17:23:06	0	0	0	28.8	#N/A	#N/A	#N/A 28.8 CO	
Diff%ofSpan	17:23:06	0.03%	0.18%	0.89%	0.22%	#N/A	#N/A	#N/A	#N/A
19-Dec-07	17:25:35	13.73	4.12	27.92	29.10	56.52	0.08	0.06 22.99 RATA RUN 12,COMP.6/2	
19-Dec-07	17:26:05	13.73	4.13	27.96	29.22	56.63	0.08	0.06 23.00 RATA RUN 12,COMP.6/2	
19-Dec-07	17:26:36	13.73	4.13	27.99	29.37	56.95	0.08	0.06 23.04 RATA RUN 12,COMP.6/2	
19-Dec-07	17:27:05	13.73	4.12	28.03	29.45	57.11	0.09	0.06 23.08 RATA RUN 12,COMP.6/2	
19-Dec-07	17:27:35	13.74	4.13	28.09	29.54	57.31	0.09	0.06 23.14 RATA RUN 12,COMP.6/2	
19-Dec-07	17:28:05	13.73	4.13	28.13	29.56	57.26	0.09	0.06 23.13 RATA RUN 12,COMP.6/2	
19-Dec-07	17:28:35	13.73	4.13	28.16	29.53	57.24	0.09	0.06 23.16 RATA RUN 12,COMP.6/2	
19-Dec-07	17:29:05	13.73	4.13	28.15	29.50	57.14	0.09	0.06 23.19 RATA RUN 12,COMP.6/2	
19-Dec-07	17:29:36	13.73	4.13	28.22	29.44	57.10	0.09	0.06 23.23 RATA RUN 12,COMP.6/2	
19-Dec-07	17:30:05	13.73	4.13	28.26	29.40	57.01	0.09	0.06 23.26 RATA RUN 12,COMP.6/2	
19-Dec-07	17:30:36	13.74	4.13	28.30	29.56	57.39	0.09	0.06 23.31 RATA RUN 12,COMP.6/2	
19-Dec-07	17:31:05	13.74	4.13	28.31	29.58	57.43	0.09	0.06 23.33 RATA RUN 12,COMP.6/2	
19-Dec-07	17:31:35	13.74	4.13	28.28	29.68	57.63	0.09	0.06 23.31 RATA RUN 12,COMP.6/2	
19-Dec-07	17:32:05	13.75	4.13	28.25	29.79	58.02	0.09	0.06 23.29 RATA RUN 12,COMP.6/2	
19-Dec-07	17:32:35	13.75	4.13	28.21	29.92	58.14	0.09	0.06 23.27 RATA RUN 12,COMP.6/2	
19-Dec-07	17:33:05	13.75	4.13	28.17	30.00	58.31	0.09	0.06 23.22 RATA RUN 12,COMP.6/2	
19-Dec-07	17:33:36	13.75	4.13	28.19	30.00	58.31	0.09	0.06 23.26 RATA RUN 12,COMP.6/2	
19-Dec-07	17:34:05	13.75	4.13	28.25	29.96	58.24	0.09	0.06 23.31 RATA RUN 12,COMP.6/2	
19-Dec-07	17:34:35	13.75	4.13	28.26	29.91	58.08	0.09	0.06 23.34 RATA RUN 12,COMP.6/2	
19-Dec-07	17:35:05	13.75	4.13	28.31	29.81	57.93	0.09	0.06 23.36 RATA RUN 12,COMP.6/2	
19-Dec-07	17:35:35	13.75	4.13	28.34	29.74	57.80	0.09	0.06 23.38 RATA RUN 12,COMP.6/2	
19-Dec-07	17:36:05	13.74	4.14	28.34	29.73	57.73	0.09	0.06 23.36 RATA RUN 12,COMP.6/2	
19-Dec-07	17:36:35	13.74	4.13	28.30	29.76	57.79	0.09	0.06 23.32 RATA RUN 12,COMP.6/2	
19-Dec-07	17:37:06	13.74	4.13	28.29	29.82	57.90	0.09	0.06 23.32 RATA RUN 12,COMP.6/2	

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Instrumental Reference Method On-Line Data

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LAKE COGENERATION FACILITY

UMITILLA, FLORIDA

Parameter Units	SVMX O2 %V,d	SVMX CO2 API200EHNOX %V,d	API300ECO ppmVd	CO-7% O2 ppmVd	0.00	L/M,D	L/M,D @15%O2	NOX	Comments	Comment2
19-Dec-07	17:37:35	13.75	4.13	28.33	29.89	58.07	0.09	0.06	23.36 RATA RUN 12,COMP.6/2	
19-Dec-07	17:38:05	13.75	4.13	28.36	29.96	58.22	0.09	0.06	23.39 RATA RUN 12,COMP.6/2	
19-Dec-07	17:38:35	13.75	4.13	28.41	30.02	58.36	0.09	0.06	23.45 RATA RUN 12,COMP.6/2	
19-Dec-07	17:39:05	13.75	4.13	28.48	30.01	58.34	0.09	0.06	23.50 RATA RUN 12,COMP.6/2	
19-Dec-07	17:39:35	13.75	4.13	28.53	30.00	58.36	0.09	0.06	23.52 RATA RUN 12,COMP.6/2	
19-Dec-07	17:40:05	13.75	4.13	28.49	30.02	58.33	0.09	0.06	23.50 RATA RUN 12,COMP.6/2	
19-Dec-07	17:40:35	13.75	4.13	28.44	29.97	58.15	0.09	0.06	23.47 RATA RUN 12,COMP.6/2	
19-Dec-07	17:41:06	13.75	4.13	28.42	29.88	58.09	0.09	0.06	23.45 RATA RUN 12,COMP.6/2	
19-Dec-07	17:41:35	13.75	4.14	28.40	29.81	57.93	0.09	0.06	23.43 RATA RUN 12,COMP.6/2	
19-Dec-07	17:42:05	13.75	4.14	28.39	29.70	57.76	0.09	0.06	23.43 RATA RUN 12,COMP.6/2	
19-Dec-07	17:42:35	13.75	4.14	28.45	29.59	57.54	0.09	0.06	23.48 RATA RUN 12,COMP.6/2	
19-Dec-07	17:43:05	13.75	4.13	28.46	29.50	57.37	0.09	0.06	23.50 RATA RUN 12,COMP.6/2	
19-Dec-07	17:43:35	13.76	4.13	28.48	29.45	57.29	0.09	0.06	23.52 RATA RUN 12,COMP.6/2	
19-Dec-07	17:44:05	13.76	4.13	28.50	29.46	57.31	0.09	0.06	23.53 RATA RUN 12,COMP.6/2	
19-Dec-07	17:44:35	13.76	4.13	28.52	29.49	57.39	0.09	0.06	23.56 RATA RUN 12,COMP.6/2	
19-Dec-07	17:45:06	13.76	4.13	28.54	29.56	57.51	0.09	0.06	23.56 RATA RUN 12,COMP.6/2	
19-Dec-07	17:45:35	13.76	4.13	28.54	29.62	57.65	0.09	0.06	23.58 RATA RUN 12,COMP.6/2	
19-Dec-07	17:46:05	13.76	4.13	28.55	29.63	57.65	0.09	0.06	23.58 RATA RUN 12,COMP.6/2	
19-Dec-07	17:46:35	13.75	4.13	28.51	29.58	57.53	0.09	0.06	23.54 RATA RUN 12,COMP.6/2	
19-Dec-07	17:47:05	13.75	4.14	28.51	29.55	57.44	0.09	0.06	23.52 RATA RUN 12,COMP.6/2	
19-Dec-07	17:47:35	13.75	4.14	28.46	29.55	57.44	0.09	0.06	23.48 RATA RUN 12,COMP.6/2	
19-Dec-07	17:48:05	13.75	4.13	28.46	29.55	57.47	0.09	0.06	23.50 RATA RUN 12,COMP.6/2	
19-Dec-07	17:48:35	13.75	4.13	28.50	29.60	57.58	0.09	0.06	23.53 RATA RUN 12,COMP.6/2	
19-Dec-07	17:49:06	13.75	4.13	28.53	29.65	57.66	0.09	0.06	23.55 RATA RUN 12,COMP.6/2	
19-Dec-07	17:49:35	13.75	4.13	28.56	29.67	57.69	0.09	0.06	23.57 RATA RUN 12,COMP.6/2	
19-Dec-07	17:50:05	13.75	4.13	28.60	29.65	57.66	0.09	0.06	23.60 RATA RUN 12,COMP.6/2	
19-Dec-07	17:50:35	13.75	4.13	28.60	29.64	57.63	0.09	0.06	23.60 RATA RUN 12,COMP.6/2	
19-Dec-07	17:51:05	13.75	4.13	28.58	29.62	57.55	0.09	0.06	23.58 RATA RUN 12,COMP.6/2	
19-Dec-07	17:51:35	13.75	4.13	28.58	29.61	57.62	0.09	0.06	23.56 RATA RUN 12,COMP.6/2	
19-Dec-07	17:52:06	13.75	4.13	28.55	29.66	57.65	0.09	0.06	23.55 RATA RUN 12,COMP.6/2	
19-Dec-07	17:52:35	13.75	4.13	28.54	29.71	57.75	0.09	0.06	23.55 RATA RUN 12,COMP.6/2	
19-Dec-07	17:53:06	13.75	4.13	28.55	29.71	57.74	0.09	0.06	23.55 RATA RUN 12,COMP.6/2	
19-Dec-07	17:53:35	13.75	4.13	28.59	29.68	57.67	0.09	0.06	23.58 RATA RUN 12,COMP.6/2	
19-Dec-07	17:54:05	13.75	4.13	28.62	29.67	57.65	0.09	0.06	23.60 RATA RUN 12,COMP.6/2	
19-Dec-07	17:54:35	13.75	4.13	28.68	29.64	57.60	0.09	0.06	23.65 RATA RUN 12,COMP.6/2	
19-Dec-07	17:55:05	13.74	4.13	28.67	29.61	57.46	0.09	0.06	23.63 RATA RUN 12,COMP.6/2	
Average:	17:55:05	13.75	4.13	28.39	29.67	57.6512	0.09	0.06	23.41 RATA RUN 12,COMP.6/2	
Maximum	17:55:05	13.76	4.14	28.68	30.02	58.36	0.09	0.06	23.65 RATA RUN 12,COMP.6/2	
Minimum	17:55:05	13.73	4.12	27.92	29.10	56.52	0.08	0.06	22.99 RATA RUN 12,COMP.6/2	
Std Dev	17:55:05	0.01	0.00	0.18	0.20	0.42	0.00	0.00	0.17 RATA RUN 12,COMP.6/2	

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Instrumental Reference Method On-Line Data

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LAKE COGENERATION FACILITY

UMITILLA, FLORIDA

Parameter	SVMX O2	SVMX CO2	API200EHNOX	API300ECO	CO-7% O2	NOX-L/MO2	CO-L/M,O2	NOX	Comments	Comment2
Units	%V,d	%V,d	ppmVd	ppmVd	0.00	L/M,D	L/M,D	@15%O2		
19-Dec-07	17:58:46	1.38	0.43	3.83	29.04	23.09	0.01	0.02	2.63 Cal:28.8 CO	
19-Dec-07	17:58:56	0.00	0.02	1.06	28.94	19.23	0.00	0.02	0.29 Cal:28.8 CO	
19-Dec-07	17:59:06	0.00	0.02	1.05	28.90	19.22	0.00	0.02	0.30 Cal:28.8 CO	
19-Dec-07	17:59:17	0.00	0.02	1.04	28.85	19.19	0.00	0.02	0.29 Cal:28.8 CO	
19-Dec-07	17:59:26	0.00	0.02	1.03	28.81	19.16	0.00	0.02	0.29 Cal:28.8 CO	
Average:	17:59:31	0.00	0.02	1.04	28.87	19.1982	0.00	0.02	0.29 Cal:28.8 CO	
Gas Value:	17:59:31	0	0	0	28.8	#N/A	#N/A	#N/A	#N/A 28.8 CO	
Diff%ofSpan	17:59:31	-0.01%	0.11%	2.20%	0.17%	#N/A	#N/A	#N/A	#N/A	
19-Dec-07	18:01:19	13.91	5.98	0.80	-0.08	-0.15	0.00	0.00	0.68 Cal:14.0 O2/6.04 CO2	
19-Dec-07	18:01:30	13.91	5.98	0.79	-0.16	-0.31	0.00	0.00	0.67 Cal:14.0 O2/6.04 CO2	
19-Dec-07	18:01:39	13.91	5.98	0.80	-0.16	-0.32	0.00	0.00	0.67 Cal:14.0 O2/6.04 CO2	
19-Dec-07	18:01:49	13.91	5.99	0.79	-0.17	-0.33	0.00	0.00	0.67 Cal:14.0 O2/6.04 CO2	
19-Dec-07	18:01:59	13.91	5.99	0.76	-0.18	-0.35	0.00	0.00	0.64 Cal:14.0 O2/6.04 CO2	
Average:	18:02:04	13.91	5.98	0.79	-0.15	-0.2943	0.00	0.00	0.67 Cal:14.0 O2/6.04 CO2	
Gas Value:	18:02:04	14	6.04	0	0	0	#N/A	#N/A	#N/A 14.0 O2/6.04 CO2	
Diff%ofSpan	18:02:04	-0.42%	-0.28%	1.67%	-0.33%	-3.44%	#N/A	#N/A	#N/A	
19-Dec-07	18:02:46	0.71	0.37	5.00	-0.16	-0.11	0.01	0.00	1.44 Cal:24.67 NOX	
19-Dec-07	18:02:55	0.12	0.14	11.42	-0.12	-0.08	0.01	0.00	3.24 Cal:24.67 NOX	
Average:	18:02:56	0.42	0.26	8.21	-0.14	-0.0956	0.01	0.00	2.34 Cal:24.67 NOX	
Gas Value:	18:02:56	0	0	24.67	0	#N/A	#N/A	#N/A	#N/A 24.67 NOX	
Diff%ofSpan	18:02:56	1.99%	1.29%	-34.78%	-0.31%	#N/A	#N/A	#N/A	#N/A	
19-Dec-07	18:04:14	0.00	0.03	24.61	0.62	0.41	0.03	0.00	6.95 Cal:24.67 NOX	
19-Dec-07	18:04:24	0.00	0.03	24.63	0.72	0.48	0.03	0.00	6.95 Cal:24.67 NOX	
19-Dec-07	18:04:34	-0.01	0.03	24.66	0.82	0.54	0.03	0.00	6.96 Cal:24.67 NOX	
19-Dec-07	18:04:45	-0.01	0.02	24.66	0.92	0.61	0.03	0.00	6.96 Cal:24.67 NOX	
19-Dec-07	18:04:54	-0.01	0.03	24.68	1.02	0.68	0.03	0.00	6.96 Cal:24.67 NOX	
Average:	18:05:01	-0.01	0.03	24.65	0.82	0.5448	0.03	0.00	6.96 Cal:24.67 NOX	
Gas Value:	18:05:01	0	0	24.67	0	#N/A	#N/A	#N/A	#N/A 24.67 NOX	
Diff%ofSpan	18:05:01	-0.03%	0.14%	-0.04%	1.82%	#N/A	#N/A	#N/A	#N/A	

CT-2

AIR CONSULTING AND ENGINEERING, INC.
2106 NW 67th Place, Suite 4, Gainesville, Florida 32653

Summary of Emissions Test Run Averages

IDLE

CT-2 - # 191315			LAKE COGENERATION FACILITY							UMITILLA, FLORIDA				
Date	Start Time	End Time	SVMX	O2	VMX	CO2	200EHN	NOX	I300ECO	CO-7%	O2IOX-L/M02	CO-L/M,O2	NOX	Comments
			%V,d	%V,d	ppmVd	ppmVd		0	L/M,D	L/M,D	@15%O2			
	Instantaneous:		21.02	0.09	-0.09	1.58	-184.44	0.02	-0.1862	4.3309				
12/18/07	16:29:22	16:39:32	5.82	1.33	10.47	8.86	75.66	0.02	0.0764	4.1504	R/T			
12/18/07	6:23:17	6:23:57	20.72	13.22	-0.03	1.75	#VALUE!	0.00	#VALUE!	-0.8760	Cal:20.9 O2			
12/18/07	6:40:02	6:40:22	-0.08	-0.01	47.31	0.98	0.65	0.05	0.0007	13.3029	Cal:47.32 NOX			
12/18/07	6:44:11	6:44:31	-0.08	0.00	24.15	0.95	0.63	0.03	0.0006	6.7906	Cal:24.67 NOX			
12/18/07	6:48:21	6:48:41	-0.09	0.00	0.13	45.32	30.01	0.00	0.0303	0.0361	Cal:44.92 CO			
12/18/07	6:51:05	6:51:25	-0.09	0.00	0.17	28.61	18.94	0.00	0.0191	0.0488	Cal:28.8 CO			
12/18/07	6:55:11	6:55:31	13.99	6.02	0.24	-0.18	-0.37	0.00	-0.0004	0.2057	Cal:14.0 O2/6.04 CO2			
12/18/07	6:58:43	6:59:03	14.05	6.02	0.16	-0.08	-0.19	0.00	-0.0002	0.1319	Cal:14.0 O2/6.04 CO2BIAS			
12/18/07	7:05:35	7:05:55	-0.02	0.01	-0.05	29.92	19.88	0.00	0.0201	-0.0140	Cal:28.8 COBIAS			
12/18/07	7:15:06	7:15:26	-0.03	0.01	22.70	1.95	1.29	0.03	0.0013	6.3988	Cal:24.67 NOX			
12/18/07	7:45:32	7:50:31	14.58	3.88	26.08	26.89	59.11	0.10	0.0597	24.3533	RATA RUN 1,COMP,RUN 1Pt 6			
12/18/07	7:51:01	7:55:31	14.56	3.89	25.01	26.88	58.99	0.09	0.0596	23.2610	RATA RUN 1,COMP,RUN 1/2Pt 5			
12/18/07	7:56:49	8:00:31	14.56	3.89	24.22	27.17	59.62	0.09	0.0602	22.5556	RATA RUN 1,COMP,RUN 1/2Pt 4			
12/18/07	8:01:01	8:05:31	14.56	3.89	23.12	27.64	60.66	0.08	0.0612	21.5169	RATA RUN 1,COMP,RUN 1/2Pt 3			
12/18/07	8:06:02	8:10:31	14.56	3.90	23.66	27.71	60.72	0.09	0.0613	22.0239	RATA RUN 1,COMP,RUN 1/2Pt 2			
12/18/07	8:11:01	8:15:31	14.55	3.90	24.08	27.46	60.11	0.09	0.0607	22.3854	RATA RUN 1,COMP,RUN 1/2Pt 1			
Average of Test Points:			14.56	3.89	24.36	27.29	59.87	0.09	0.0604	22.6827	PointsAvg			
12/18/07	8:19:52	8:20:22	14.19	6.09	0.70	-0.01	-0.03	0.00	0.0000	0.6135	Cal:14.0 O2/6.04 CO2			
12/18/07	8:22:09	8:22:39	0.02	0.06	0.58	29.39	19.56	#VALUE!	0.0197	#VALUE!	Cal:28.8 CO			
12/18/07	8:25:26	8:25:56	-0.01	0.02	22.61	1.67	1.10	0.02	0.0011	6.3797	Cal:24.67 NOX			
12/18/07	8:37:30	8:42:00	14.57	3.88	24.36	27.99	61.43	0.09	0.0620	22.6820	RATA RUN 2,COMP,2/2,PRT2Pt 6			
12/18/07	8:42:31	8:47:00	14.57	3.88	23.96	27.84	61.14	0.09	0.0617	22.3249	RATA RUN 2,COMP,2/2,PRT2Pt 5			
12/18/07	8:47:33	8:52:00	14.57	3.88	23.37	27.88	61.25	0.09	0.0618	21.7916	RATA RUN 2,COMP,2/2,PRT2Pt 4			
12/18/07	8:52:30	8:57:00	14.58	3.88	22.74	28.02	61.61	0.08	0.0622	21.2297	RATA RUN 2,COMP,2/2,PRT2Pt 3			
12/18/07	8:57:30	9:02:00	14.57	3.88	23.16	28.03	61.57	0.08	0.0622	21.6100	RATA RUN 2,COMP,2/2,PRT2Pt 2			
12/18/07	9:02:30	9:07:01	14.57	3.89	23.66	27.86	61.12	0.09	0.0617	22.0325	RATA RUN 2,COMP,2/2,PRT2Pt 1			
Average of Test Points:			14.57	3.88	23.54	27.94	61.35	0.09	0.0619	21.9451	PointsAvg			
12/18/07	9:11:45	9:12:16	14.15	6.09	0.89	-0.06	-0.12	0.00	-0.0001	0.7782	Cal:14.0 O2/6.04 CO2			
12/18/07	9:14:48	9:15:18	0.00	0.04	22.50	1.15	0.77	0.02	0.0008	6.3521	Cal:24.67 NOX			
12/18/07	9:17:32	9:18:11	-0.02	0.03	0.61	29.30	19.47	0.00	0.0197	0.1728	Cal:28.8 CO			

AIR CONSULTING AND ENGINEERING, INC.
2106 NW 67th Place, Suite 4, Gainesville, Florida 32653

Summary of Emissions Test Run Averages

TEST IDLE

CT-2 - # 191315		LAKE COGENERATION FACILITY							UMITILLA, FLORIDA			Comments
Date	Start Time	End Time	SVMX O2 VMX CO2200EHNOX I300ECO CO-7% O2 OX-L/MO2	ppmVd	ppmVd	0	L/M,D	CO-L/M,O2	NOX @15%O2			
			%V,d	%V,d								
12/18/07	9:22:30	9:26:59	14.58	3.89	24.12	27.90	61.31	0.09	0.0619	22.5013 RATA RUN 3,COMP.RUN 2/1,PRT1Pt 6		
12/18/07	9:27:29	9:32:08	14.59	3.89	23.85	27.84	61.32	0.09	0.0619	22.2908 RATA RUN 3,COMP.RUN 2/1,PRT1Pt 5		
12/18/07	9:32:34	9:37:30	14.59	3.89	23.34	27.99	61.67	0.09	0.0623	21.8193 RATA RUN 3,COMP.RUN 2/1,PRT1Pt 4		
12/18/07	9:38:02	9:42:59	14.58	3.90	23.53	27.82	61.16	0.09	0.0617	21.9642 RATA RUN 3,COMP.RUN 2/1,PRT1Pt 3		
12/18/07	9:43:30	9:47:59	14.59	3.90	22.94	27.78	61.17	0.08	0.0617	21.4349 RATA RUN 3,COMP.RUN 2/1,PRT1Pt 2		
12/18/07	9:48:29	9:52:59	14.58	3.90	23.49	27.91	61.42	0.09	0.0620	21.9550 RATA RUN 3,COMP.RUN 2/1,PRT1Pt 1		
Average of Test Points:			14.58	3.89	23.55	27.87	61.34	0.09	0.0619	21.9942 PointsAvg		
12/18/07	9:57:00	9:57:30	-0.01	0.02	0.92	29.54	19.64	0.00	0.0198	0.2590 Cal:28.8 CO		
12/18/07	9:59:50	10:00:21	14.16	6.09	0.76	0.07	0.14	0.00	0.0001	0.6635 Cal:14.0 O2/6.04 CO2		
12/18/07	10:02:30	10:03:00	-0.01	0.03	22.51	0.95	0.63	0.02	0.0006	6.3499 Cal:24.67 NOX		
12/18/07	10:06:30	10:36:00	14.57	3.90	23.41	27.98	61.44	0.09	0.0620	21.8221 RATA RUN 4,COMP.RUN 2/2,1 POINT		
12/18/07	10:38:38	10:39:09	0.00	0.02	22.82	1.85	1.23	0.03	0.0012	6.4427 Cal:24.67 NOX		
12/18/07	10:42:24	10:42:54	14.16	6.10	0.86	0.02	0.05	0.00	0.0001	0.7497 Cal:14.0 O2/6.04 CO2		
12/18/07	10:45:00	10:45:30	0.00	0.04	0.78	31.41	20.89	0.00	0.0211	0.2211 Cal:28.8 CO		
12/18/07	10:47:32	10:48:03	-0.02	0.02	0.74	29.98	19.92	0.00	0.0201	0.2081 Cal:28.8 CO		
12/18/07	10:49:15	10:49:35	14.20	3.81	6.44	29.72	61.85	0.02	0.0624	5.8713 Cal:28.8 CO		
12/18/07	10:51:30	11:21:00	14.53	3.91	23.43	27.36	59.73	0.08	0.0603	21.7127 RATA RUN 5,COMP. RUN 3/1,1 POINT		
12/18/07	11:23:53	11:24:23	0.00	0.02	0.97	29.13	19.38	0.00	0.0196	0.2724 Cal:28.8 CO		
12/18/07	11:27:16	11:27:45	14.15	6.09	0.86	0.15	0.30	0.00	0.0003	0.7494 Cal:14.0 O2/6.04 CO2		
12/18/07	11:32:22	11:32:32	-0.03	0.01	21.79	1.56	1.04	0.02	0.0010	6.1446 Cal:24.67 NOX		
12/18/07	11:35:33	11:35:54	-0.03	0.00	23.60	1.45	0.96	0.03	0.0010	6.6529 Cal:24.67 NOX		
12/18/07	11:38:45	12:08:15	14.53	3.91	24.53	28.88	62.99	0.09	0.0636	22.7079 RATA RUN 6,COMP.RUN 3/2,1 POINT		
12/18/07	12:10:40	12:11:20	0.29	0.11	24.02	2.36	2.44	0.03	0.0025	7.0943 Cal:24.67 NOX		
12/18/07	12:15:22	12:15:42	-0.04	0.01	23.61	1.48	0.98	0.03	0.0010	6.6535 Cal:24.67 NOX		
12/18/07	12:17:36	12:18:06	-0.04	0.01	0.44	29.07	19.29	0.00	0.0195	0.1227 Cal:28.8 CO		
12/18/07	12:20:27	12:20:57	14.06	6.06	0.29	0.15	0.31	0.00	0.0003	0.2485 Cal:14.0 O2/6.04 CO2		
12/18/07	13:48:11	13:49:01	14.11	6.11	0.83	0.14	0.29	0.00	0.0003	0.7191 Cal:14.0 O2/6.04 CO2		
12/18/07	13:54:30	13:55:00	-0.02	0.01	24.13	1.60	1.07	0.03	0.0011	6.8035 Cal:24.67 NOX		
12/18/07	13:57:18	13:57:58	-0.03	0.01	0.39	29.46	19.57	0.00	0.0198	0.1087 Cal:28.8 CO		
12/18/07	14:07:30	14:28:00	14.50	3.92	25.52	28.07	61.00	0.09	0.0616	23.5319 RATA RUN 7,1 POINT		
12/18/07	14:30:20	14:30:50	14.14	6.11	0.68	0.18	0.36	0.00	0.0004	0.5910 Cal:14.0 O2/6.04 CO2		
12/18/07	14:32:32	14:33:02	0.00	0.04	24.25	0.76	0.51	0.03	0.0005	6.8454 Cal:24.67 NOX		

AIR CONSULTING AND ENGINEERING, INC.
2106 NW 67th Place, Suite 4, Gainesville, Florida 32653

Summary of Emissions Test Run Averages

IDLE

CT-2 - # 191315		LAKE COGENERATION FACILITY							UMITILLA, FLORIDA			Comments	
Date	Start Time	End Time	SVMX	O2	VMX	CO2	200EHN	NOX	I300ECO	CO-7%	O2 OX-L/M02	CO-L/M,O2	NOX @15%O2
12/18/07	14:35:30	14:56:00	14.52	3.91	25.09	0.00	0.00	0.09	0.0282	23.1897	RATA RUN 8, 1 POINT		
12/18/07	14:58:18	14:58:48	0.00	0.02	24.61	0.00	0.00	0.03	0.0000	6.9481	Cal:24.67 NOX		
12/18/07	15:00:40	15:01:10	14.13	6.11	0.53	0.00	0.00	0.00	0.0000	0.4659	Cal:14.0 O2/6.04 CO2		
12/18/07	15:03:33	15:24:03	14.51	3.92	25.11	0.00	#VALUE!	#VALUE!	#VALUE!	#VALUE!	RATA RUN 9,1 POINT		
12/18/07	15:26:49	15:27:19	14.16	6.12	0.67	0.00	0.00	0.00	0.0000	0.5895	Cal:14.0 O2/6.04 CO2		
12/18/07	15:29:19	15:29:49	0.01	0.05	24.39	0.00	0.00	0.03	0.0000	6.8883	Cal:24.67 NOX		
12/18/07	15:32:32	15:53:02	14.50	3.92	24.91	0.00	0.00	0.09	0.0000	22.9650	RATA RUN 10, 1 POINT		
12/18/07	15:55:19	15:55:49	0.00	0.03	24.51	0.00	0.00	0.03	0.0000	6.9192	Cal:24.67 NOX		
12/18/07	15:57:29	15:57:59	14.13	6.11	0.54	0.00	0.00	0.00	0.0000	0.4684	Cal:14.0 O2/6.04 CO2		
12/18/07	16:00:30	16:21:00	14.51	3.93	24.85	0.00	0.00	0.09	0.0000	22.9355	RATA RUN 11, 1 POINT		
12/18/07	16:23:39	16:24:29	14.16	6.13	0.67	0.00	0.00	0.00	0.0000	0.5865	Cal:14.0 O2/6.04 CO2		
12/18/07	16:26:49	16:27:19	0.00	0.04	24.18	0.00	0.00	0.03	0.0000	6.8255	Cal:24.67 NOX		
12/18/07	16:28:28	16:28:58	-0.01	0.03	24.19	0.00	0.00	0.03	0.0000	6.8255	R/T		
12/18/07	16:29:22	16:39:32	5.82	1.33	10.47	8.86	75.66	0.02	0.0764	4.1504	R/T		

AIR CONSULTING AND ENGINEERING, INC.
2106 NW 67th Place, Suite 4, Gainesville, Florida 32653

Current:	11:39:07	Countdow NA	Run Interv:	30 seconds	Cal Interval:	10 seconds	IDLE			
Instrumental Reference Method On-Line Data										
CT-2 - # 191315		LAKE COGENERATION FACILITY								
Parameter	SVMX O2	SVMX CO2	00EHNOX	API300ECO	CO-7% O2	NOX-L/MO2	CO-L/M,O2	NOX	Comments	Comment2
Units	%V,d	%V,d	ppmVd	ppmVd	0.00	L/M,D	L/M,D	@15%O2		
INSTANTANEOUS:	21.02	0.09	-0.09	1.58	-184.44	0.0169	-0.1862	4.33		
Interval Average:	21.02	0.09	-0.09	1.58	-184.44	0.0169	-0.1862	4.33 R/T		
Average So Far	5.82	1.33	10.47	8.86	75.6619	0.02	0.08	4.15		
18-Dec-07	6:23:17	20.72	13.19	-0.02	1.75	#VALUE!	0.00	#VALUE!	-0.84 Cal:20.9 O2	
18-Dec-07	6:23:27	20.71	13.23	-0.02	1.75	120.75	0.00	0.12	-0.52 Cal:20.9 O2	
18-Dec-07	6:23:38	20.72	13.21	-0.03	1.76	135.18	0.00	0.14	-1.08 Cal:20.9 O2	
18-Dec-07	6:23:47	20.71	13.23	-0.03	1.74	129.52	0.00	0.13	-0.88 Cal:20.9 O2	
18-Dec-07	6:23:57	20.71	13.22	-0.03	1.74	130.48	0.00	0.13	-1.06 Cal:20.9 O2	
Average:	6:23:58	20.72	13.22	-0.03	1.75	#VALUE!	0.00	#VALUE!	-0.88 Cal:20.9 O2	
Gas Value:	6:23:58	20.9	0	0	0	#N/A	#N/A	#N/A	#N/A 20.9 O2	
Diff%ofSpan	6:23:58	-0.89%	66.12%	-0.05%	3.89%	#VALUE!	#N/A	#VALUE!	#N/A	
18-Dec-07	6:40:02	-0.08	-0.01	47.40	0.98	0.65	0.05	0.00	13.33 Cal:47.32 NOX	
18-Dec-07	6:40:12	-0.08	-0.01	47.32	0.98	0.65	0.05	0.00	13.31 Cal:47.32 NOX	
18-Dec-07	6:40:22	-0.08	-0.01	47.20	0.98	0.65	0.05	0.00	13.27 Cal:47.32 NOX	
Average:	6:40:25	-0.08	-0.01	47.31	0.98	0.6494	0.05	0.00	13.30 Cal:47.32 NOX	
Gas Value:	6:40:25	0	0	47.32	0	0	#N/A	#N/A	#N/A 47.32 NOX	
Diff%ofSpan	6:40:25	-0.39%	-0.05%	-0.03%	2.18%	7.60%	#N/A	#N/A	#N/A	
18-Dec-07	6:44:11	-0.08	0.00	24.09	0.96	0.64	0.03	0.00	6.77 Cal:24.67 NOX	
18-Dec-07	6:44:21	-0.08	0.00	24.14	0.94	0.62	0.03	0.00	6.79 Cal:24.67 NOX	
18-Dec-07	6:44:31	-0.08	0.00	24.21	0.93	0.62	0.03	0.00	6.81 Cal:24.67 NOX	
Average:	6:44:32	-0.08	0.00	24.15	0.95	0.6276	0.03	0.00	6.79 Cal:24.67 NOX	
Gas Value:	6:44:32	0	0	24.67	0	#N/A	#N/A	#N/A	#N/A 24.67 NOX	
Diff%ofSpan	6:44:32	-0.39%	0.00%	-1.10%	2.11%	#N/A	#N/A	#N/A	#N/A	
18-Dec-07	6:48:21	-0.09	0.00	0.14	45.32	30.01	0.00	0.03	0.04 Cal:44.92 CO	
18-Dec-07	6:48:31	-0.09	0.00	0.13	45.33	30.02	0.00	0.03	0.04 Cal:44.92 CO	
18-Dec-07	6:48:41	-0.09	0.00	0.12	45.32	30.01	0.00	0.03	0.03 Cal:44.92 CO	
Average:	6:48:45	-0.09	0.00	0.13	45.32	30.0124	0.00	0.03	0.04 Cal:44.92 CO	
Gas Value:	6:48:45	0	0	0	44.92	#N/A	#N/A	#N/A	#N/A 44.92 CO	
Diff%ofSpan	6:48:45	-0.43%	0.01%	0.27%	0.90%	#N/A	#N/A	#N/A	#N/A	
18-Dec-07	6:51:05	-0.09	0.00	0.17	28.61	18.94	0.00	0.02	0.05 Cal:28.8 CO	
18-Dec-07	6:51:15	-0.09	0.00	0.17	28.61	18.94	0.00	0.02	0.05 Cal:28.8 CO	
18-Dec-07	6:51:25	-0.09	0.00	0.18	28.61	18.94	0.00	0.02	0.05 Cal:28.8 CO	
Average:	6:51:25	-0.09	0.00	0.17	28.61	18.9431	0.00	0.02	0.05 Cal:28.8 CO	
Gas Value:	6:51:25	0	0	0	28.8	#N/A	#N/A	#N/A	#N/A 28.8 CO	
Diff%ofSpan	6:51:25	-0.44%	0.01%	0.37%	-0.43%	#N/A	#N/A	#N/A	#N/A	
18-Dec-07	6:55:11	13.99	6.02	0.25	-0.18	-0.40	0.00	0.00	0.22 Cal:14.0 O2/6.04 CO2	
18-Dec-07	6:55:21	13.99	6.02	0.24	-0.18	-0.37	0.00	0.00	0.20 Cal:14.0 O2/6.04 CO2	

AIR CONSULTING AND ENGINEERING, INC.
2106 NW 67th Place, Suite 4, Gainesville, Florida 32653

Instrumental Reference Method On-Line Data

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LAKE COGENERATION FACILITY

UMITILLA, FLORIDA

Parameter	SVMX O2	SVMX CO2	00EHNNOX	API300ECO	CO-7% O2	NOX-L/MO2	CO-L/M,O2	NOX	Comments	Comment2
Units	%V,d	%V,d	ppmVd	ppmVd	0.00	L/M,D	L/M,D	@15%O2		
18-Dec-07	6:55:31	13.99	6.02	0.23	-0.18	-0.36	0.00	0.00	0.20 Cal:14.0 O2/6.04 CO2	
Average:	6:55:34	13.99	6.02	0.24	-0.18	-0.3745	0.00	0.00	0.21 Cal:14.0 O2/6.04 CO2	
Gas Value:	6:55:34	14	6.04	0	0	0	#N/A	#N/A	#N/A 14.0 O2/6.04 CO2	
Diff%ofSpan	6:55:34	-0.06%	-0.08%	0.51%	-0.40%	-4.38%	#N/A	#N/A	#N/A	
18-Dec-07	6:58:43	14.05	6.02	0.16	-0.08	-0.22	0.00	0.00	0.13 Cal:14.0 O2/6.04 CO2	BIAS
18-Dec-07	6:58:53	14.05	6.02	0.16	-0.09	-0.18	0.00	0.00	0.14 Cal:14.0 O2/6.04 CO2	BIAS
18-Dec-07	6:59:03	14.05	6.02	0.15	-0.09	-0.18	0.00	0.00	0.13 Cal:14.0 O2/6.04 CO2	BIAS
Average:	6:59:04	14.05	6.02	0.16	-0.08	-0.1891	0.00	0.00	0.13 Cal:14.0 O2/6.04 CO2	
Gas Value:	6:59:04	14	6.04	0	0	0	#N/A	#N/A	#N/A 14.0 O2/6.04 CO2	
Diff%ofSpan	6:59:04	0.23%	-0.11%	0.33%	-0.19%	-2.21%	#N/A	#N/A	#N/A	
18-Dec-07	7:05:35	-0.02	0.01	-0.04	29.95	19.90	0.00	0.02	-0.01 Cal:28.8 CO	BIAS
18-Dec-07	7:05:45	-0.02	0.01	-0.05	29.91	19.88	0.00	0.02	-0.01 Cal:28.8 CO	BIAS
18-Dec-07	7:05:55	-0.02	0.01	-0.06	29.89	19.86	0.00	0.02	-0.02 Cal:28.8 CO	BIAS
Average:	7:05:55	-0.02	0.01	-0.05	29.92	19.8789	0.00	0.02	-0.01 Cal:28.8 CO	
Gas Value:	7:05:55	0	0	0	28.8	#N/A	#N/A	#N/A	#N/A 28.8 CO	
Diff%ofSpan	7:05:55	-0.09%	0.07%	-0.11%	2.49%	#N/A	#N/A	#N/A	#N/A	
18-Dec-07	7:15:06	-0.03	0.01	22.68	2.15	1.43	0.02	0.00	6.40 Cal:24.67 NOX	
18-Dec-07	7:15:16	-0.03	0.01	22.69	1.92	1.28	0.02	0.00	6.40 Cal:24.67 NOX	
18-Dec-07	7:15:26	-0.03	0.01	22.72	1.78	1.18	0.03	0.00	6.40 Cal:24.67 NOX	
Average:	7:15:26	-0.03	0.01	22.70	1.95	1.2950	0.03	0.00	6.40 Cal:24.67 NOX	
Gas Value:	7:15:26	0	0	24.67	0	#N/A	#N/A	#N/A	#N/A 24.67 NOX	
Diff%ofSpan	7:15:26	-0.12%	0.04%	-4.17%	4.34%	#N/A	#N/A	#N/A	#N/A	
18-Dec-07	7:45:32	14.58	3.88	25.00	26.94	59.20	0.09	0.06	23.47 RATA RUN 1,COMP.RUN 1	Pt 6
18-Dec-07	7:46:01	14.58	3.88	25.52	26.88	59.16	0.09	0.06	23.84 RATA RUN 1,COMP.RUN 1	Pt 6
18-Dec-07	7:46:31	14.58	3.88	26.04	26.86	59.08	0.10	0.06	24.55 RATA RUN 1,COMP.RUN 1	Pt 6
18-Dec-07	7:47:01	14.58	3.88	26.44	26.85	59.07	0.10	0.06	24.69 RATA RUN 1,COMP.RUN 1	Pt 6
18-Dec-07	7:47:32	14.58	3.88	26.77	26.87	59.11	0.10	0.06	24.99 RATA RUN 1,COMP.RUN 1	Pt 6
18-Dec-07	7:48:01	14.58	3.88	26.79	26.92	59.28	0.10	0.06	24.83 RATA RUN 1,COMP.RUN 1	Pt 6
18-Dec-07	7:48:32	14.58	3.88	26.44	26.96	59.29	0.10	0.06	24.69 RATA RUN 1,COMP.RUN 1	Pt 6
18-Dec-07	7:49:01	14.58	3.88	26.12	26.97	59.29	0.10	0.06	24.37 RATA RUN 1,COMP.RUN 1	Pt 6
18-Dec-07	7:49:31	14.57	3.89	26.01	26.93	59.15	0.09	0.06	24.26 RATA RUN 1,COMP.RUN 1	Pt 6
18-Dec-07	7:50:01	14.57	3.89	25.91	26.87	58.88	0.09	0.06	24.15 RATA RUN 1,COMP.RUN 1	Pt 6
18-Dec-07	7:50:31	14.57	3.89	25.82	26.75	58.71	0.09	0.06	24.05 RATA RUN 1,COMP.RUN 1	Pt 6
Average:	7:50:31	14.58	3.88	26.08	26.89	59.1117	0.10	0.06	24.35 RATA RUN 1,COMP.RUN 1	
Maximum	7:50:31	14.58	3.89	26.79	26.97	59.29	0.10	0.06	24.99 RATA RUN 1,COMP.RUN 1	
Minimum	7:50:31	14.57	3.88	25.00	26.75	58.71	0.09	0.06	23.47 RATA RUN 1,COMP.RUN 1	
Std Dev	7:50:31	0.01	0.00	0.53	0.06	0.18	0.00	0.00	0.46 RATA RUN 1,COMP.RUN 1	
18-Dec-07	7:51:01	14.57	3.89	25.67	26.60	58.19	0.09	0.06	23.81 RATA RUN 1,COMP.RUN 1	Pt 5
18-Dec-07	7:51:31	14.57	3.89	25.47	26.48	58.13	0.09	0.06	23.73 RATA RUN 1,COMP.RUN 1	Pt 5

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Instrumental Reference Method On-Line Data

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UMITILLA, FLORIDA

Parameter	SVMX O2	SVMX CO2:00EHNOX	API300ECO	CO-7% O2	NOX-L/MO2	CO-L/M,O2	NOX	Comments	Comment2
Units	%V,d	%V,d	ppmVd	ppmVd	0.00	L/M,D	L/M,D	@15%O2	
18-Dec-07	7:52:01	14.57	3.89	25.23	26.53	58.37	0.09	0.06	23.44 RATA RUN 1,COMP.RUN 1
18-Dec-07	7:52:31	14.57	3.89	25.09	26.65	58.67	0.09	0.06	23.35 RATA RUN 1,COMP.RUN 1
18-Dec-07	7:53:01	14.56	3.89	24.99	26.82	59.03	0.09	0.06	23.23 RATA RUN 1,COMP.RUN 1
18-Dec-07	7:53:31	14.56	3.89	24.85	27.03	59.27	0.09	0.06	23.13 RATA RUN 1,COMP.RUN 1
18-Dec-07	7:54:01	14.56	3.89	24.72	27.19	59.62	0.09	0.06	23.01 RATA RUN 1,COMP.RUN 1
18-Dec-07	7:54:31	14.56	3.89	24.70	27.21	59.65	0.09	0.06	22.98 RATA RUN 1,COMP.RUN 1/2
18-Dec-07	7:55:01	14.56	3.89	24.68	27.17	59.55	0.09	0.06	22.96 RATA RUN 1,COMP.RUN 1/2
18-Dec-07	7:55:31	14.56	3.89	24.69	27.11	59.44	0.09	0.06	22.98 RATA RUN 1,COMP.RUN 1/2
Average:	7:55:31	14.56	3.89	25.01	26.88	58.9922	0.09	0.06	23.26 RATA RUN 1,COMP.RUN 1/2
Maximum	7:55:31	14.57	3.89	25.67	27.21	59.65	0.09	0.06	23.81 RATA RUN 1,COMP.RUN 1/2
Minimum	7:55:31	14.56	3.89	24.68	26.48	58.13	0.09	0.06	22.96 RATA RUN 1,COMP.RUN 1/2
Std Dev	7:55:31	0.00	0.00	0.35	0.29	0.61	0.00	0.00	0.32 RATA RUN 1,COMP.RUN 1/2
18-Dec-07	7:56:49	14.56	3.89	24.76	27.08	59.39	0.09	0.06	23.05 RATA RUN 1,COMP.RUN 1/2
18-Dec-07	7:56:50	14.56	3.89	24.53	27.08	59.40	0.09	0.06	22.84 RATA RUN 1,COMP.RUN 1/2
18-Dec-07	7:57:01	14.56	3.89	24.53	27.10	59.43	0.09	0.06	22.84 RATA RUN 1,COMP.RUN 1/2
18-Dec-07	7:57:31	14.56	3.89	24.44	27.10	59.45	0.09	0.06	22.76 RATA RUN 1,COMP.RUN 1/2
18-Dec-07	7:58:01	14.56	3.89	24.21	27.12	59.50	0.09	0.06	22.54 RATA RUN 1,COMP.RUN 1/2
18-Dec-07	7:58:31	14.56	3.89	24.02	27.16	59.58	0.09	0.06	22.36 RATA RUN 1,COMP.RUN 1/2
18-Dec-07	7:59:01	14.56	3.89	23.99	27.18	59.64	0.09	0.06	22.35 RATA RUN 1,COMP.RUN 1/2
18-Dec-07	7:59:31	14.57	3.89	23.96	27.23	59.76	0.09	0.06	22.32 RATA RUN 1,COMP.RUN 1/2
18-Dec-07	8:00:01	14.57	3.89	23.93	27.30	59.95	0.09	0.06	22.30 RATA RUN 1,COMP.RUN 1/2
18-Dec-07	8:00:31	14.57	3.89	23.87	27.38	60.17	0.09	0.06	22.21 RATA RUN 1,COMP.RUN 1/2
Average:	8:00:31	14.56	3.89	24.22	27.17	59.6249	0.09	0.06	22.56 RATA RUN 1,COMP.RUN 1/2
Maximum	8:00:31	14.57	3.89	24.76	27.38	60.17	0.09	0.06	23.05 RATA RUN 1,COMP.RUN 1/2
Minimum	8:00:31	14.56	3.89	23.87	27.08	59.39	0.09	0.06	22.21 RATA RUN 1,COMP.RUN 1/2
Std Dev	8:00:31	0.00	0.00	0.32	0.10	0.26	0.00	0.00	0.29 RATA RUN 1,COMP.RUN 1/2
18-Dec-07	8:01:01	14.57	3.89	23.70	27.43	60.31	0.09	0.06	22.03 RATA RUN 1,COMP.RUN 1/2
18-Dec-07	8:01:31	14.57	3.90	23.43	27.49	60.37	0.09	0.06	21.84 RATA RUN 1,COMP.RUN 1/2
18-Dec-07	8:02:02	14.57	3.90	23.22	27.56	60.51	0.08	0.06	21.56 RATA RUN 1,COMP.RUN 1/2
18-Dec-07	8:02:31	14.56	3.90	23.00	27.58	60.51	0.08	0.06	21.41 RATA RUN 1,COMP.RUN 1/2
18-Dec-07	8:03:01	14.56	3.90	22.81	27.62	60.61	0.08	0.06	21.21 RATA RUN 1,COMP.RUN 1/2
18-Dec-07	8:03:31	14.56	3.89	22.79	27.67	60.71	0.08	0.06	21.22 RATA RUN 1,COMP.RUN 1/2
18-Dec-07	8:04:02	14.56	3.89	22.87	27.72	60.81	0.08	0.06	21.30 RATA RUN 1,COMP.RUN 1/2
18-Dec-07	8:04:31	14.56	3.89	22.96	27.76	60.89	0.08	0.06	21.38 RATA RUN 1,COMP.RUN 1/2
18-Dec-07	8:05:01	14.56	3.89	23.12	27.79	60.94	0.08	0.06	21.52 RATA RUN 1,COMP.RUN 1/2
18-Dec-07	8:05:31	14.56	3.89	23.33	27.80	60.93	0.08	0.06	21.70 RATA RUN 1,COMP.RUN 1/2
Average:	8:05:31	14.56	3.89	23.12	27.64	60.6599	0.08	0.06	21.52 RATA RUN 1,COMP.RUN 1/2
Maximum	8:05:31	14.57	3.90	23.70	27.80	60.94	0.09	0.06	22.03 RATA RUN 1,COMP.RUN 1/2
Minimum	8:05:31	14.56	3.89	22.79	27.43	60.31	0.08	0.06	21.21 RATA RUN 1,COMP.RUN 1/2

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Instrumental Reference Method On-Line Data

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LAKE COGENERATION FACILITY

UMITILLA, FLORIDA

Parameter Units	SVMX O2 %V,d	SVMX CO2 00EHNOX %V,d	API300ECO ppmVd	CO-7% O2 ppmVd	NOX-L/M02 0.00	CO-L/M,O2 L/M,D	NOX L/M,D @15%O2	Comments	Comment2
Std Dev	8:05:31	0.00	0.00	0.30	0.13	0.23	0.00	0.00	0.27 RATA RUN 1,COMP.RUN 1/2
18-Dec-07	8:06:02	14.56	3.89	23.48	27.76	60.91	0.09	0.06	21.86 RATA RUN 1,COMP.RUN 1/2 Pt 2
18-Dec-07	8:06:31	14.57	3.89	23.62	27.72	60.85	0.09	0.06	22.01 RATA RUN 1,COMP.RUN 1/2 Pt 2
18-Dec-07	8:07:01	14.57	3.89	23.65	27.72	60.84	0.09	0.06	22.04 RATA RUN 1,COMP.RUN 1/2 Pt 2
18-Dec-07	8:07:31	14.56	3.89	23.66	27.73	60.82	0.09	0.06	22.04 RATA RUN 1,COMP.RUN 1/2 Pt 2
18-Dec-07	8:08:02	14.56	3.90	23.65	27.74	60.82	0.09	0.06	22.01 RATA RUN 1,COMP.RUN 1/2 Pt 2
18-Dec-07	8:08:31	14.56	3.90	23.64	27.76	60.84	0.09	0.06	21.99 RATA RUN 1,COMP.RUN 1/2 Pt 2
18-Dec-07	8:09:01	14.55	3.90	23.62	27.78	60.84	0.09	0.06	21.96 RATA RUN 1,COMP.RUN 1/2 Pt 2
18-Dec-07	8:09:32	14.55	3.90	23.68	27.74	60.74	0.09	0.06	22.00 RATA RUN 1,COMP.RUN 1/2 Pt 2
18-Dec-07	8:10:02	14.55	3.90	23.78	27.62	60.45	0.09	0.06	22.09 RATA RUN 1,COMP.RUN 1/2 Pt 2
18-Dec-07	8:10:31	14.55	3.90	23.86	27.52	60.15	0.09	0.06	22.24 RATA RUN 1,COMP.RUN 1/2 Pt 2
Average:	8:10:31	14.56	3.90	23.66	27.71	60.7244	0.09	0.06	22.02 RATA RUN 1,COMP.RUN 1/2
Maximum	8:10:31	14.57	3.90	23.86	27.78	60.91	0.09	0.06	22.24 RATA RUN 1,COMP.RUN 1/2
Minimum	8:10:31	14.55	3.89	23.48	27.52	60.15	0.09	0.06	21.86 RATA RUN 1,COMP.RUN 1/2
Std Dev	8:10:31	0.01	0.00	0.10	0.08	0.24	0.00	0.00	0.10 RATA RUN 1,COMP.RUN 1/2
18-Dec-07	8:11:01	14.55	3.90	23.98	27.47	60.04	0.09	0.06	22.32 RATA RUN 1,COMP.RUN 1/2 Pt 1
18-Dec-07	8:11:32	14.55	3.90	24.03	27.42	60.01	0.09	0.06	22.32 RATA RUN 1,COMP.RUN 1/2 Pt 1
18-Dec-07	8:12:01	14.55	3.90	24.09	27.39	60.00	0.09	0.06	22.41 RATA RUN 1,COMP.RUN 1/2 Pt 1
18-Dec-07	8:12:31	14.55	3.90	24.10	27.44	60.08	0.09	0.06	22.40 RATA RUN 1,COMP.RUN 1/2 Pt 1
18-Dec-07	8:13:01	14.55	3.90	24.11	27.50	60.20	0.09	0.06	22.41 RATA RUN 1,COMP.RUN 1/2 Pt 1
18-Dec-07	8:13:31	14.55	3.90	24.08	27.53	60.27	0.09	0.06	22.38 RATA RUN 1,COMP.RUN 1/2 Pt 1
18-Dec-07	8:14:01	14.55	3.90	24.09	27.52	60.27	0.09	0.06	22.39 RATA RUN 1,COMP.RUN 1/2 Pt 1
18-Dec-07	8:14:31	14.56	3.90	24.07	27.48	60.21	0.09	0.06	22.38 RATA RUN 1,COMP.RUN 1/2 Pt 1
18-Dec-07	8:15:01	14.55	3.90	24.09	27.44	60.11	0.09	0.06	22.40 RATA RUN 1,COMP.RUN 1/2 Pt 1
18-Dec-07	8:15:31	14.55	3.90	24.11	27.38	59.90	0.09	0.06	22.45 RATA RUN 1,COMP.RUN 1/2 Pt 1
Average:	8:15:31	14.55	3.90	24.08	27.46	60.1092	0.09	0.06	22.39 RATA RUN 1,COMP.RUN 1/2
Maximum	8:15:31	14.56	3.90	24.11	27.53	60.27	0.09	0.06	22.45 RATA RUN 1,COMP.RUN 1/2
Minimum	8:15:31	14.55	3.90	23.98	27.38	59.90	0.09	0.06	22.32 RATA RUN 1,COMP.RUN 1/2
Std Dev	8:15:31	0.00	0.00	0.04	0.05	0.13	0.00	0.00	0.04 RATA RUN 1,COMP.RUN 1/2
PointAvg:	8:15:31	14.56	3.89	24.36	27.29	59.87	0.09	0.06	22.68 RATA RUN 1,COMP.RUN 1/2
18-Dec-07	8:19:42	14.22	5.87	0.72	2.76	6.04	0.00	0.01	0.63 Cal:14.0 O2/6.04 CO2
18-Dec-07	8:19:52	14.19	6.08	0.70	0.01	0.03	0.00	0.00	0.61 Cal:14.0 O2/6.04 CO2
18-Dec-07	8:20:03	14.19	6.09	0.69	0.00	-0.01	0.00	0.00	0.61 Cal:14.0 O2/6.04 CO2
18-Dec-07	8:20:12	14.19	6.09	0.70	-0.01	-0.03	0.00	0.00	0.61 Cal:14.0 O2/6.04 CO2
18-Dec-07	8:20:22	14.19	6.09	0.70	-0.03	-0.10	0.00	0.00	0.62 Cal:14.0 O2/6.04 CO2
Average:	8:20:22	14.19	6.09	0.70	-0.01	-0.0267	0.00	0.00	0.61 Cal:14.0 O2/6.04 CO2
Gas Value:	8:20:22	14	6.04	0	0	0	#N/A	#N/A	#N/A 14.0 O2/6.04 CO2
Diff%ofSpan	8:20:22	0.89%	0.23%	1.47%	-0.02%	-0.31%	#N/A	#N/A	#N/A
18-Dec-07	8:22:09	0.02	0.06	0.59	28.94	19.26	0.00	0.02	0.17 Cal:28.8 CO

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UMITILLA, FLORIDA

Parameter	SVMX O2	SVMX CO2	00EHNOX	API300ECO	CO-7% O2	NOX-L/M02	CO-L/M,O2	NOX	Comments	Comment2
Units	%V,d	%V,d	ppmVd	ppmVd	0.00	L/M,D	L/M,D	@15%O2		
18-Dec-07	8:22:20	0.02	0.06	0.58	29.36	19.54	0.00	0.02	0.16 Cal:28.8 CO	
18-Dec-07	8:22:29	0.01	0.05	0.58	29.59	19.69	0.00	0.02	0.16 Cal:28.8 CO	
18-Dec-07	8:22:39	0.02	0.05	0.57	29.67	19.76	#VALUE!	0.02	#VALUE! Cal:28.8 CO	
Average:	8:22:44	0.02	0.06	0.58	29.39	19.5641	#VALUE!	0.02	##### Cal:28.8 CO	
Gas Value:	8:22:44	0	0	0	28.8	#N/A	#N/A	#N/A	#N/A 28.8 CO	
Diff%ofSpan	8:22:44	0.08%	0.28%	1.22%	1.31%	#N/A	#VALUE!	#N/A	#VALUE!	
18-Dec-07	8:25:26	-0.01	0.03	22.62	1.68	1.10	0.02	0.00	6.39 Cal:24.67 NOX	
18-Dec-07	8:25:36	-0.01	0.02	22.62	1.67	1.11	0.02	0.00	6.38 Cal:24.67 NOX	
18-Dec-07	8:25:46	-0.01	0.02	22.60	1.66	1.10	0.02	0.00	6.38 Cal:24.67 NOX	
18-Dec-07	8:25:56	-0.01	0.02	22.58	1.65	1.10	0.02	0.00	6.37 Cal:24.67 NOX	
Average:	8:25:56	-0.01	0.02	22.61	1.67	1.1039	0.02	0.00	6.38 Cal:24.67 NOX	
Gas Value:	8:25:56	0	0	24.67	0	#N/A	#N/A	#N/A	#N/A 24.67 NOX	
Diff%ofSpan	8:25:56	-0.06%	0.12%	-4.36%	3.71%	#N/A	#N/A	#N/A	#N/A	
18-Dec-07	8:37:30	14.57	3.88	24.53	27.94	61.32	0.09	0.06	22.85 RATA RUN 2,COMP.2/2,PRT2	Pt 6
18-Dec-07	8:38:00	14.57	3.88	24.48	27.98	61.41	0.09	0.06	22.81 RATA RUN 2,COMP.2/2,PRT2	Pt 6
18-Dec-07	8:38:31	14.56	3.88	24.45	27.99	61.38	0.09	0.06	22.76 RATA RUN 2,COMP.2/2,PRT2	Pt 6
18-Dec-07	8:39:00	14.57	3.88	24.44	27.97	61.39	0.09	0.06	22.77 RATA RUN 2,COMP.2/2,PRT2	Pt 6
18-Dec-07	8:39:30	14.57	3.88	24.38	27.97	61.40	0.09	0.06	22.71 RATA RUN 2,COMP.2/2,PRT2	Pt 6
18-Dec-07	8:40:00	14.56	3.87	24.35	28.00	61.48	0.09	0.06	22.61 RATA RUN 2,COMP.2/2,PRT2	Pt 6
18-Dec-07	8:40:31	14.56	3.88	24.29	28.03	61.48	0.09	0.06	22.61 RATA RUN 2,COMP.2/2,PRT2	Pt 6
18-Dec-07	8:41:00	14.56	3.88	24.25	28.05	61.53	0.09	0.06	22.58 RATA RUN 2,COMP.2/2,PRT2	Pt 6
18-Dec-07	8:41:30	14.57	3.88	24.21	28.04	61.55	0.09	0.06	22.56 RATA RUN 2,COMP.2/2,PRT2	Pt 6
18-Dec-07	8:42:00	14.57	3.88	24.21	27.98	61.32	0.09	0.06	22.56 RATA RUN 2,COMP.2/2,PRT2	Pt 6
Average:	8:42:00	14.57	3.88	24.36	27.99	61.4254	0.09	0.06	22.68 RATA RUN 2,COMP.2/2,PRT2	
Maximum	8:42:00	14.57	3.88	24.53	28.05	61.55	0.09	0.06	22.85 RATA RUN 2,COMP.2/2,PRT2	
Minimum	8:42:00	14.56	3.87	24.21	27.94	61.32	0.09	0.06	22.56 RATA RUN 2,COMP.2/2,PRT2	
Std Dev	8:42:00	0.00	0.00	0.12	0.03	0.08	0.00	0.00	0.11 RATA RUN 2,COMP.2/2,PRT2	
18-Dec-07	8:42:31	14.57	3.88	24.22	27.89	61.12	0.09	0.06	22.56 RATA RUN 2,COMP.2/2,PRT2	Pt 5
18-Dec-07	8:43:00	14.57	3.88	24.22	27.81	61.05	0.09	0.06	22.57 RATA RUN 2,COMP.2/2,PRT2	Pt 5
18-Dec-07	8:43:30	14.57	3.87	24.17	27.75	60.89	0.09	0.06	22.51 RATA RUN 2,COMP.2/2,PRT2	Pt 5
18-Dec-07	8:44:00	14.57	3.88	24.07	27.74	60.91	0.09	0.06	22.43 RATA RUN 2,COMP.2/2,PRT2	Pt 5
18-Dec-07	8:44:31	14.57	3.87	23.99	27.76	60.98	0.09	0.06	22.31 RATA RUN 2,COMP.2/2,PRT2	Pt 5
18-Dec-07	8:45:00	14.58	3.88	23.88	27.80	61.14	0.09	0.06	22.29 RATA RUN 2,COMP.2/2,PRT2	Pt 5
18-Dec-07	8:45:30	14.57	3.88	23.74	27.86	61.26	0.09	0.06	22.12 RATA RUN 2,COMP.2/2,PRT2	Pt 5
18-Dec-07	8:46:01	14.57	3.88	23.72	27.90	61.30	0.09	0.06	22.12 RATA RUN 2,COMP.2/2,PRT2	Pt 5
18-Dec-07	8:46:30	14.57	3.88	23.76	27.93	61.33	0.09	0.06	22.14 RATA RUN 2,COMP.2/2,PRT2	Pt 5
18-Dec-07	8:47:00	14.57	3.88	23.79	27.97	61.44	0.09	0.06	22.19 RATA RUN 2,COMP.2/2,PRT2	Pt 5
Average:	8:47:00	14.57	3.88	23.96	27.84	61.1418	0.09	0.06	22.32 RATA RUN 2,COMP.2/2,PRT2	
Maximum	8:47:00	14.58	3.88	24.22	27.97	61.44	0.09	0.06	22.57 RATA RUN 2,COMP.2/2,PRT2	

AIR CONSULTING AND ENGINEERING, INC.
2106 NW 67th Place, Suite 4, Gainesville, Florida 32653

Instrumental Reference Method On-Line Data

CT-2 - # 191315

LAKE COGENERATION FACILITY UMITILLA, FLORIDA										
Parameter	SVMX O2	SVMX CO2	0.00EHNOX	API300ECO	CO-7% O2	NOX-L/MO2	CO-L/M,O2	NOX	Comments	Comment2
Units	%V,d	%V,d	ppmVd	ppmVd	0.00	L/M,D	L/M,D	@15%O2		
Minimum	8:47:00	14.57	3.87	23.72	27.74	60.89	0.09	0.06	22.12 RATA RUN 2,COMP.2/2,PRT2	
Std Dev	8:47:00	0.00	0.00	0.20	0.08	0.19	0.00	0.00	0.18 RATA RUN 2,COMP.2/2,PRT2	
18-Dec-07	8:47:33	14.57	3.88	23.87	27.99	61.44	0.09	0.06	22.25 RATA RUN 2,COMP.2/2,PRT2	Pt 4
18-Dec-07	8:48:01	14.57	3.88	24.03	27.94	61.37	0.09	0.06	22.40 RATA RUN 2,COMP.2/2,PRT2	Pt 4
18-Dec-07	8:48:31	14.57	3.88	24.09	27.91	61.28	0.09	0.06	22.45 RATA RUN 2,COMP.2/2,PRT2	Pt 4
18-Dec-07	8:49:00	14.56	3.88	23.95	27.90	61.18	0.09	0.06	22.24 RATA RUN 2,COMP.2/2,PRT2	Pt 4
18-Dec-07	8:49:30	14.57	3.88	23.68	27.86	61.18	0.09	0.06	22.08 RATA RUN 2,COMP.2/2,PRT2	Pt 4
18-Dec-07	8:50:00	14.57	3.88	23.49	27.85	61.17	0.09	0.06	21.90 RATA RUN 2,COMP.2/2,PRT2	Pt 4
18-Dec-07	8:50:30	14.58	3.88	22.99	27.84	61.21	0.08	0.06	21.46 RATA RUN 2,COMP.2/2,PRT2	Pt 4
18-Dec-07	8:51:00	14.58	3.88	22.62	27.83	61.20	0.08	0.06	21.12 RATA RUN 2,COMP.2/2,PRT2	Pt 4
18-Dec-07	8:51:30	14.58	3.88	22.51	27.83	61.21	0.08	0.06	21.01 RATA RUN 2,COMP.2/2,PRT2	Pt 4
18-Dec-07	8:52:00	14.58	3.88	22.50	27.85	61.24	0.08	0.06	21.00 RATA RUN 2,COMP.2/2,PRT2	Pt 4
Average:	8:52:00	14.57	3.88	23.37	27.88	61.2473	0.09	0.06	21.79 RATA RUN 2,COMP.2/2,PRT2	
Maximum	8:52:00	14.58	3.88	24.09	27.99	61.44	0.09	0.06	22.45 RATA RUN 2,COMP.2/2,PRT2	
Minimum	8:52:00	14.56	3.88	22.50	27.83	61.17	0.08	0.06	21.00 RATA RUN 2,COMP.2/2,PRT2	
Std Dev	8:52:00	0.01	0.00	0.65	0.05	0.09	0.00	0.00	0.59 RATA RUN 2,COMP.2/2,PRT2	
18-Dec-07	8:52:30	14.58	3.88	22.62	27.88	61.35	0.08	0.06	21.13 RATA RUN 2,COMP.2/2,PRT2	Pt 3
18-Dec-07	8:53:00	14.58	3.88	22.82	27.93	61.50	0.08	0.06	21.37 RATA RUN 2,COMP.2/2,PRT2	Pt 3
18-Dec-07	8:53:30	14.58	3.88	22.94	27.99	61.58	0.08	0.06	21.42 RATA RUN 2,COMP.2/2,PRT2	Pt 3
18-Dec-07	8:54:00	14.59	3.88	22.94	28.03	61.71	0.08	0.06	21.44 RATA RUN 2,COMP.2/2,PRT2	Pt 3
18-Dec-07	8:54:30	14.58	3.88	22.89	28.06	61.75	0.08	0.06	21.36 RATA RUN 2,COMP.2/2,PRT2	Pt 3
18-Dec-07	8:55:00	14.58	3.88	22.75	28.08	61.74	0.08	0.06	21.24 RATA RUN 2,COMP.2/2,PRT2	Pt 3
18-Dec-07	8:55:30	14.58	3.88	22.60	28.08	61.70	0.08	0.06	21.08 RATA RUN 2,COMP.2/2,PRT2	Pt 3
18-Dec-07	8:56:00	14.57	3.88	22.57	28.06	61.64	0.08	0.06	21.05 RATA RUN 2,COMP.2/2,PRT2	Pt 3
18-Dec-07	8:56:30	14.57	3.88	22.59	28.05	61.56	0.08	0.06	21.04 RATA RUN 2,COMP.2/2,PRT2	Pt 3
18-Dec-07	8:57:00	14.57	3.88	22.72	28.04	61.58	0.08	0.06	21.18 RATA RUN 2,COMP.2/2,PRT2	Pt 3
Average:	8:57:00	14.58	3.88	22.74	28.02	61.6117	0.08	0.06	21.23 RATA RUN 2,COMP.2/2,PRT2	
Maximum	8:57:00	14.59	3.88	22.94	28.08	61.75	0.08	0.06	21.44 RATA RUN 2,COMP.2/2,PRT2	
Minimum	8:57:00	14.57	3.88	22.57	27.88	61.35	0.08	0.06	21.04 RATA RUN 2,COMP.2/2,PRT2	
Std Dev	8:57:00	0.01	0.00	0.15	0.07	0.13	0.00	0.00	0.16 RATA RUN 2,COMP.2/2,PRT2	
18-Dec-07	8:57:30	14.57	3.88	22.86	28.01	61.49	0.08	0.06	21.40 RATA RUN 2,COMP.2/2,PRT2	Pt 2
18-Dec-07	8:58:00	14.57	3.87	22.99	28.00	61.51	0.08	0.06	21.50 RATA RUN 2,COMP.2/2,PRT2	Pt 2
18-Dec-07	8:58:37	14.57	3.87	23.07	28.01	61.52	0.08	0.06	21.51 RATA RUN 2,COMP.2/2,PRT2	Pt 2
18-Dec-07	8:59:00	14.57	3.87	23.12	28.03	61.57	0.08	0.06	21.56 RATA RUN 2,COMP.2/2,PRT2	Pt 2
18-Dec-07	8:59:30	14.58	3.88	23.17	28.07	61.76	0.08	0.06	21.64 RATA RUN 2,COMP.2/2,PRT2	Pt 2
18-Dec-07	9:00:02	14.58	3.88	23.21	28.08	61.74	0.08	0.06	21.66 RATA RUN 2,COMP.2/2,PRT2	Pt 2
18-Dec-07	9:00:30	14.58	3.88	23.25	28.09	61.75	0.08	0.06	21.69 RATA RUN 2,COMP.2/2,PRT2	Pt 2
18-Dec-07	9:01:01	14.57	3.88	23.26	28.06	61.62	0.08	0.06	21.68 RATA RUN 2,COMP.2/2,PRT2	Pt 2
18-Dec-07	9:01:30	14.56	3.88	23.29	28.01	61.44	0.08	0.06	21.69 RATA RUN 2,COMP.2/2,PRT2	Pt 2
18-Dec-07	9:02:00	14.57	3.88	23.38	27.93	61.30	0.09	0.06	21.78 RATA RUN 2,COMP.2/2,PRT2	Pt 2

AIR CONSULTING AND ENGINEERING, INC.
2106 NW 67th Place, Suite 4, Gainesville, Florida 32653

Instrumental Reference Method On-Line Data

CT-2 - # 191315

LAKE COGENERATION FACILITY										UMITILLA, FLORIDA
Parameter	SVMX O2	SVMX CO2.00EHNOX	API300ECO	CO-7% O2	NOX-L/MO2	CO-L/M,O2	NOX	Comments	Comment2	
Units	%V,d	%V,d	ppmVd	ppmVd	0.00	L/M,D	L/M,D	@15%O2		
Average:	9:02:00	14.57	3.88	23.16	28.03	61.5703	0.08	0.06	21.61 RATA RUN 2,COMP.2/2,PRT2	
Maximum	9:02:00	14.58	3.88	23.38	28.09	61.76	0.09	0.06	21.78 RATA RUN 2,COMP.2/2,PRT2	
Minimum	9:02:00	14.56	3.87	22.86	27.93	61.30	0.08	0.06	21.40 RATA RUN 2,COMP.2/2,PRT2	
Std Dev	9:02:00	0.01	0.00	0.15	0.05	0.15	0.00	0.00	0.12 RATA RUN 2,COMP.2/2,PRT2	
18-Dec-07	9:02:30	14.57	3.89	23.49	27.87	61.23	0.09	0.06	21.91 RATA RUN 2,COMP.2/2,PRT2	
18-Dec-07	9:03:01	14.56	3.89	23.57	27.85	61.08	0.09	0.06	21.94 RATA RUN 2,COMP.2/2,PRT2	
18-Dec-07	9:03:30	14.56	3.89	23.62	27.89	61.14	0.09	0.06	21.97 RATA RUN 2,COMP.2/2,PRT2	
18-Dec-07	9:04:00	14.56	3.89	23.65	27.93	61.22	0.09	0.06	22.00 RATA RUN 2,COMP.2/2,PRT2	
18-Dec-07	9:04:30	14.56	3.89	23.67	27.95	61.28	0.09	0.06	22.03 RATA RUN 2,COMP.2/2,PRT2	
18-Dec-07	9:05:01	14.57	3.89	23.69	27.95	61.38	0.09	0.06	22.09 RATA RUN 2,COMP.2/2,PRT2	
18-Dec-07	9:05:30	14.57	3.89	23.74	27.90	61.14	0.09	0.06	22.13 RATA RUN 2,COMP.2/2,PRT2	
18-Dec-07	9:06:00	14.57	3.89	23.75	27.83	61.10	0.09	0.06	22.13 RATA RUN 2,COMP.2/2,PRT2	
18-Dec-07	9:06:30	14.57	3.89	23.74	27.74	60.84	0.09	0.06	22.11 RATA RUN 2,COMP.2/2,PRT2	
18-Dec-07	9:07:01	14.56	3.88	23.68	27.70	60.76	0.09	0.06	22.01 RATA RUN 2,COMP.2/2,PRT2	
Average:	9:07:01	14.57	3.89	23.66	27.86	61.1161	0.09	0.06	22.03 RATA RUN 2,COMP.2/2,PRT2	
Maximum	9:07:01	14.57	3.89	23.75	27.95	61.38	0.09	0.06	22.13 RATA RUN 2,COMP.2/2,PRT2	
Minimum	9:07:01	14.56	3.88	23.49	27.70	60.76	0.09	0.06	21.91 RATA RUN 2,COMP.2/2,PRT2	
Std Dev	9:07:01	0.01	0.00	0.08	0.08	0.19	0.00	0.00	0.08 RATA RUN 2,COMP.2/2,PRT2	
PointAvg:	9:07:01	14.57	3.88	23.54	27.94	61.35	0.09	0.06	21.95 RATA RUN 2,COMP.2/2,PRT2	
18-Dec-07	9:11:35	14.19	5.87	3.23	2.75	6.03	0.01	0.01	2.96 Cal:14.0 O2/6.04 CO2	
18-Dec-07	9:11:45	14.15	6.09	0.94	-0.03	-0.07	0.00	0.00	0.83 Cal:14.0 O2/6.04 CO2	
18-Dec-07	9:11:55	14.15	6.09	0.90	-0.05	-0.11	0.00	0.00	0.79 Cal:14.0 O2/6.04 CO2	
18-Dec-07	9:12:05	14.15	6.09	0.87	-0.06	-0.13	0.00	0.00	0.76 Cal:14.0 O2/6.04 CO2	
18-Dec-07	9:12:16	14.15	6.09	0.85	-0.08	-0.16	0.00	0.00	0.74 Cal:14.0 O2/6.04 CO2	
Average:	9:12:17	14.15	6.09	0.89	-0.06	-0.1152	0.00	0.00	0.78 Cal:14.0 O2/6.04 CO2	
Gas Value:	9:12:17	14	6.04	0	0	0	#N/A	#N/A	#N/A 14.0 O2/6.04 CO2	
Diff%ofSpan	9:12:17	0.71%	0.24%	1.88%	-0.12%	-1.35%	#N/A	#N/A	#N/A	
18-Dec-07	9:14:48	0.00	0.05	22.49	0.99	0.66	0.02	0.00	6.35 Cal:24.67 NOX	
18-Dec-07	9:14:58	0.00	0.04	22.52	1.09	0.73	0.02	0.00	6.36 Cal:24.67 NOX	
18-Dec-07	9:15:08	0.00	0.04	22.51	1.21	0.80	0.02	0.00	6.35 Cal:24.67 NOX	
18-Dec-07	9:15:18	0.00	0.04	22.49	1.32	0.88	0.02	0.00	6.35 Cal:24.67 NOX	
Average:	9:15:21	0.00	0.04	22.50	1.15	0.7670	0.02	0.00	6.35 Cal:24.67 NOX	
Gas Value:	9:15:21	0	0	24.67	0	#N/A	#N/A	#N/A	#N/A 24.67 NOX	
Diff%ofSpan	9:15:21	-0.01%	0.21%	-4.58%	2.57%	#N/A	#N/A	#N/A	#N/A	
18-Dec-07	9:17:32	-0.02	0.03	0.69	29.15	19.37	0.00	0.02	0.19 Cal:28.8 CO	
18-Dec-07	9:17:41	-0.02	0.03	0.59	29.30	19.47	0.00	0.02	0.17 Cal:28.8 CO	
18-Dec-07	9:17:51	-0.02	0.02	0.59	29.32	19.48	0.00	0.02	0.17 Cal:28.8 CO	
18-Dec-07	9:18:01	-0.02	0.03	0.60	29.35	19.50	0.00	0.02	0.17 Cal:28.8 CO	
18-Dec-07	9:18:11	-0.02	0.02	0.60	29.36	19.51	0.00	0.02	0.17 Cal:28.8 CO	

AIR CONSULTING AND ENGINEERING, INC.
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Instrumental Reference Method On-Line Data

CT-2 - # 191315

LAKE COGENERATION FACILITY

UMITILLA, FLORIDA

Parameter	SVMX O2	SVMX CO2:00EHNOX	API300ECO	CO-7% O2	NOX-L/M02	CO-L/M,02	NOX	Comments	Comment2
Units	%V,d	%V,d	ppmVd	ppmVd	0.00	L/M,D	L/M,D	@15%O2	
Average:	9:18:15	-0.02	0.03	0.61	29.30	19.4671	0.00	0.02	0.17 Cal:28.8 CO
Gas Value:	9:18:15	0	0	0	28.8	#N/A	#N/A	#N/A	#N/A 28.8 CO
Diff%ofSpan	9:18:15	-0.09%	0.13%	1.29%	1.11%	#N/A	#N/A	#N/A	#N/A
18-Dec-07	9:22:30	14.57	3.89	24.40	27.96	61.37	0.09	0.06	22.73 RATA RUN 3,COMP.RUN 2/1,PRT1 Pt 6
18-Dec-07	9:23:00	14.57	3.89	24.32	27.98	61.42	0.09	0.06	22.66 RATA RUN 3,COMP.RUN 2/1,PRT1 Pt 6
18-Dec-07	9:23:42	14.57	3.89	24.30	27.99	61.46	0.09	0.06	22.65 RATA RUN 3,COMP.RUN 2/1,PRT1 Pt 6
18-Dec-07	9:23:59	14.58	3.89	24.18	27.95	61.47	0.09	0.06	22.57 RATA RUN 3,COMP.RUN 2/1,PRT1 Pt 6
18-Dec-07	9:24:30	14.58	3.89	24.11	27.93	61.40	0.09	0.06	22.51 RATA RUN 3,COMP.RUN 2/1,PRT1 Pt 6
18-Dec-07	9:25:00	14.58	3.89	24.05	27.90	61.34	0.09	0.06	22.44 RATA RUN 3,COMP.RUN 2/1,PRT1 Pt 6
18-Dec-07	9:25:29	14.58	3.89	24.01	27.85	61.22	0.09	0.06	22.41 RATA RUN 3,COMP.RUN 2/1,PRT1 Pt 6
18-Dec-07	9:26:00	14.58	3.89	23.96	27.81	61.13	0.09	0.06	22.36 RATA RUN 3,COMP.RUN 2/1,PRT1 Pt 6
18-Dec-07	9:26:29	14.58	3.89	23.92	27.79	61.13	0.09	0.06	22.33 RATA RUN 3,COMP.RUN 2/1,PRT1 Pt 6
18-Dec-07	9:26:59	14.58	3.89	23.94	27.80	61.13	0.09	0.06	22.35 RATA RUN 3,COMP.RUN 2/1,PRT1 Pt 6
Average:	9:26:59	14.58	3.89	24.12	27.90	61.3083	0.09	0.06	22.50 RATA RUN 3,COMP.RUN 2/1,PRT1
Maximum	9:26:59	14.58	3.89	24.40	27.99	61.47	0.09	0.06	22.73 RATA RUN 3,COMP.RUN 2/1,PRT1
Minimum	9:26:59	14.57	3.89	23.92	27.79	61.13	0.09	0.06	22.33 RATA RUN 3,COMP.RUN 2/1,PRT1
Std Dev	9:26:59	0.01	0.00	0.17	0.08	0.14	0.00	0.00	0.15 RATA RUN 3,COMP.RUN 2/1,PRT1
18-Dec-07	9:27:29	14.58	3.89	23.95	27.82	61.21	0.09	0.06	22.36 RATA RUN 3,COMP.RUN 2/1,PRT1 Pt 5
18-Dec-07	9:28:07	14.58	3.89	23.97	27.82	61.23	0.09	0.06	22.39 RATA RUN 3,COMP.RUN 2/1,PRT1 Pt 5
18-Dec-07	9:28:29	14.59	3.89	23.96	27.80	61.20	0.09	0.06	22.39 RATA RUN 3,COMP.RUN 2/1,PRT1 Pt 5
18-Dec-07	9:28:59	14.59	3.89	23.94	27.80	61.20	0.09	0.06	22.37 RATA RUN 3,COMP.RUN 2/1,PRT1 Pt 5
18-Dec-07	9:29:29	14.59	3.89	23.90	27.81	61.23	0.09	0.06	22.34 RATA RUN 3,COMP.RUN 2/1,PRT1 Pt 5
18-Dec-07	9:29:59	14.59	3.89	23.86	27.82	61.27	0.09	0.06	22.30 RATA RUN 3,COMP.RUN 2/1,PRT1 Pt 5
18-Dec-07	9:30:29	14.59	3.89	23.82	27.85	61.37	0.09	0.06	22.23 RATA RUN 3,COMP.RUN 2/1,PRT1 Pt 5
18-Dec-07	9:30:59	14.59	3.89	23.74	27.89	61.43	0.09	0.06	22.20 RATA RUN 3,COMP.RUN 2/1,PRT1 Pt 5
18-Dec-07	9:31:29	14.59	3.89	23.70	27.91	61.49	0.09	0.06	22.17 RATA RUN 3,COMP.RUN 2/1,PRT1 Pt 5
18-Dec-07	9:32:08	14.59	3.89	23.69	27.93	61.54	0.09	0.06	22.16 RATA RUN 3,COMP.RUN 2/1,PRT1 Pt 5
Average:	9:32:08	14.59	3.89	23.85	27.84	61.3175	0.09	0.06	22.29 RATA RUN 3,COMP.RUN 2/1,PRT1
Maximum	9:32:08	14.59	3.89	23.97	27.93	61.54	0.09	0.06	22.39 RATA RUN 3,COMP.RUN 2/1,PRT1
Minimum	9:32:08	14.58	3.89	23.69	27.80	61.20	0.09	0.06	22.16 RATA RUN 3,COMP.RUN 2/1,PRT1
Std Dev	9:32:08	0.00	0.00	0.11	0.05	0.13	0.00	0.00	0.09 RATA RUN 3,COMP.RUN 2/1,PRT1
18-Dec-07	9:32:34	14.59	3.89	23.64	27.94	61.57	0.09	0.06	22.11 RATA RUN 3,COMP.RUN 2/1,PRT1 Pt 4
18-Dec-07	9:32:59	14.59	3.89	23.55	27.96	61.60	0.09	0.06	22.02 RATA RUN 3,COMP.RUN 2/1,PRT1 Pt 4
18-Dec-07	9:33:29	14.59	3.89	23.49	27.98	61.64	0.09	0.06	21.96 RATA RUN 3,COMP.RUN 2/1,PRT1 Pt 4
18-Dec-07	9:33:59	14.59	3.89	23.34	28.01	61.75	0.09	0.06	21.81 RATA RUN 3,COMP.RUN 2/1,PRT1 Pt 4
18-Dec-07	9:34:32	14.59	3.89	23.23	28.03	61.74	0.08	0.06	21.72 RATA RUN 3,COMP.RUN 2/1,PRT1 Pt 4
18-Dec-07	9:34:59	14.59	3.89	23.12	28.03	61.74	0.08	0.06	21.61 RATA RUN 3,COMP.RUN 2/1,PRT1 Pt 4
18-Dec-07	9:35:30	14.59	3.89	23.09	28.04	61.76	0.08	0.06	21.58 RATA RUN 3,COMP.RUN 2/1,PRT1 Pt 4
18-Dec-07	9:35:59	14.59	3.89	23.14	28.04	61.74	0.08	0.06	21.63 RATA RUN 3,COMP.RUN 2/1,PRT1 Pt 4

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Instrumental Reference Method On-Line Data

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UMITILLA, FLORIDA

Parameter Units	SVMX O2 %V,d	SVMX CO2:00EHNOX %V,d	API300ECO ppmVd	CO-7% O2 ppmVd	NOX-L/MO2 0.00	CO-L/M,O2 L/M,D	NOX L/M,D @15%O2	Comments	Comment2
18-Dec-07	9:36:29	14.59	3.89	23.27	28.00	61.68	0.09	0.06	21.76 RATA RUN 3,COMP.RUN 2/1,PRT1 Pt 4
18-Dec-07	9:36:59	14.59	3.89	23.40	27.97	61.61	0.09	0.06	21.88 RATA RUN 3,COMP.RUN 2/1,PRT1 Pt 4
18-Dec-07	9:37:30	14.59	3.89	23.45	27.92	61.50	0.09	0.06	21.92 RATA RUN 3,COMP.RUN 2/1,PRT1 Pt 4
Average:	9:37:30	14.59	3.89	23.34	27.99	61.6666	0.09	0.06	21.82 RATA RUN 3,COMP.RUN 2/1,PRT1
Maximum	9:37:30	14.59	3.89	23.64	28.04	61.76	0.09	0.06	22.11 RATA RUN 3,COMP.RUN 2/1,PRT1
Minimum	9:37:30	14.59	3.89	23.09	27.92	61.50	0.08	0.06	21.58 RATA RUN 3,COMP.RUN 2/1,PRT1
Std Dev	9:37:30	0.00	0.00	0.18	0.04	0.09	0.00	0.00	0.18 RATA RUN 3,COMP.RUN 2/1,PRT1
18-Dec-07	9:38:02	14.59	3.89	23.48	27.89	61.41	0.09	0.06	21.94 RATA RUN 3,COMP.RUN 2/1,PRT1 Pt 3
18-Dec-07	9:38:29	14.58	3.89	23.49	27.88	61.31	0.09	0.06	21.98 RATA RUN 3,COMP.RUN 2/1,PRT1 Pt 3
18-Dec-07	9:38:59	14.58	3.89	23.48	27.87	61.25	0.09	0.06	21.92 RATA RUN 3,COMP.RUN 2/1,PRT1 Pt 3
18-Dec-07	9:39:30	14.58	3.90	23.49	27.85	61.28	0.09	0.06	21.94 RATA RUN 3,COMP.RUN 2/1,PRT1 Pt 3
18-Dec-07	9:39:59	14.58	3.90	23.54	27.85	61.26	0.09	0.06	21.98 RATA RUN 3,COMP.RUN 2/1,PRT1 Pt 3
18-Dec-07	9:40:29	14.58	3.90	23.57	27.83	61.19	0.09	0.06	22.00 RATA RUN 3,COMP.RUN 2/1,PRT1 Pt 3
18-Dec-07	9:41:00	14.58	3.90	23.58	27.80	61.05	0.09	0.06	21.99 RATA RUN 3,COMP.RUN 2/1,PRT1 Pt 3
18-Dec-07	9:41:30	14.58	3.90	23.58	27.77	61.04	0.09	0.06	22.00 RATA RUN 3,COMP.RUN 2/1,PRT1 Pt 3
18-Dec-07	9:41:59	14.58	3.90	23.58	27.76	61.04	0.09	0.06	22.01 RATA RUN 3,COMP.RUN 2/1,PRT1 Pt 3
18-Dec-07	9:42:29	14.58	3.90	23.56	27.74	60.96	0.09	0.06	21.95 RATA RUN 3,COMP.RUN 2/1,PRT1 Pt 3
18-Dec-07	9:42:59	14.58	3.90	23.49	27.73	60.98	0.09	0.06	21.89 RATA RUN 3,COMP.RUN 2/1,PRT1 Pt 3
Average:	9:42:59	14.58	3.90	23.53	27.82	61.1614	0.09	0.06	21.96 RATA RUN 3,COMP.RUN 2/1,PRT1
Maximum	9:42:59	14.59	3.90	23.58	27.89	61.41	0.09	0.06	22.01 RATA RUN 3,COMP.RUN 2/1,PRT1
Minimum	9:42:59	14.58	3.89	23.48	27.73	60.96	0.09	0.06	21.89 RATA RUN 3,COMP.RUN 2/1,PRT1
Std Dev	9:42:59	0.00	0.00	0.05	0.06	0.15	0.00	0.00	0.04 RATA RUN 3,COMP.RUN 2/1,PRT1
18-Dec-07	9:43:30	14.58	3.90	23.42	27.73	61.01	0.09	0.06	21.87 RATA RUN 3,COMP.RUN 2/1,PRT1 Pt 2
18-Dec-07	9:43:59	14.58	3.90	23.30	27.72	61.01	0.09	0.06	21.76 RATA RUN 3,COMP.RUN 2/1,PRT1 Pt 2
18-Dec-07	9:44:29	14.58	3.90	23.11	27.72	61.01	0.08	0.06	21.59 RATA RUN 3,COMP.RUN 2/1,PRT1 Pt 2
18-Dec-07	9:45:00	14.59	3.90	22.93	27.74	61.18	0.08	0.06	21.38 RATA RUN 3,COMP.RUN 2/1,PRT1 Pt 2
18-Dec-07	9:45:30	14.59	3.89	22.79	27.76	61.14	0.08	0.06	21.30 RATA RUN 3,COMP.RUN 2/1,PRT1 Pt 2
18-Dec-07	9:45:59	14.59	3.89	22.70	27.79	61.21	0.08	0.06	21.22 RATA RUN 3,COMP.RUN 2/1,PRT1 Pt 2
18-Dec-07	9:46:29	14.59	3.90	22.71	27.80	61.24	0.08	0.06	21.23 RATA RUN 3,COMP.RUN 2/1,PRT1 Pt 2
18-Dec-07	9:47:00	14.59	3.90	22.72	27.82	61.29	0.08	0.06	21.28 RATA RUN 3,COMP.RUN 2/1,PRT1 Pt 2
18-Dec-07	9:47:30	14.59	3.90	22.78	27.83	61.28	0.08	0.06	21.29 RATA RUN 3,COMP.RUN 2/1,PRT1 Pt 2
18-Dec-07	9:47:59	14.59	3.90	22.92	27.85	61.31	0.08	0.06	21.42 RATA RUN 3,COMP.RUN 2/1,PRT1 Pt 2
Average:	9:47:59	14.59	3.90	22.94	27.78	61.1668	0.08	0.06	21.43 RATA RUN 3,COMP.RUN 2/1,PRT1
Maximum	9:47:59	14.59	3.90	23.42	27.85	61.31	0.09	0.06	21.87 RATA RUN 3,COMP.RUN 2/1,PRT1
Minimum	9:47:59	14.58	3.89	22.70	27.72	61.01	0.08	0.06	21.22 RATA RUN 3,COMP.RUN 2/1,PRT1
Std Dev	9:47:59	0.00	0.00	0.26	0.05	0.12	0.00	0.00	0.23 RATA RUN 3,COMP.RUN 2/1,PRT1
18-Dec-07	9:48:29	14.59	3.90	23.04	27.87	61.35	0.08	0.06	21.53 RATA RUN 3,COMP.RUN 2/1,PRT1 Pt 1
18-Dec-07	9:48:59	14.59	3.90	23.15	27.88	61.41	0.08	0.06	21.64 RATA RUN 3,COMP.RUN 2/1,PRT1 Pt 1
18-Dec-07	9:49:29	14.59	3.90	23.31	27.92	61.49	0.09	0.06	21.80 RATA RUN 3,COMP.RUN 2/1,PRT1 Pt 1

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UMITILLA, FLORIDA

Parameter	SVMX O2	SVMX CO2/00EHNOX	API300ECO	CO-7% O2	NOX-L/MO2	CO-L/M,O2	NOX	Comments	Comment2
Units	%V,d	%V,d	ppmVd	ppmVd	0.00	L/M,D	L/M,D @15%O2		
18-Dec-07	9:49:59	14.59	3.90	23.43	27.93	61.50	0.09	0.06	21.90 RATA RUN 3,COMP.RUN 2/1,PRT1 Pt 1
18-Dec-07	9:50:29	14.59	3.90	23.47	27.93	61.49	0.09	0.06	21.93 RATA RUN 3,COMP.RUN 2/1,PRT1 Pt 1
18-Dec-07	9:50:59	14.58	3.90	23.51	27.92	61.42	0.09	0.06	21.98 RATA RUN 3,COMP.RUN 2/1,PRT1 Pt 1
18-Dec-07	9:51:29	14.58	3.90	23.60	27.93	61.44	0.09	0.06	22.03 RATA RUN 3,COMP.RUN 2/1,PRT1 Pt 1
18-Dec-07	9:51:59	14.58	3.90	23.70	27.93	61.46	0.09	0.06	22.14 RATA RUN 3,COMP.RUN 2/1,PRT1 Pt 1
18-Dec-07	9:52:29	14.58	3.90	23.79	27.91	61.35	0.09	0.06	22.28 RATA RUN 3,COMP.RUN 2/1,PRT1 Pt 1
18-Dec-07	9:52:59	14.58	3.90	23.90	27.88	61.32	0.09	0.06	22.31 RATA RUN 3,COMP.RUN 2/1,PRT1 Pt 1
Average:	9:52:59	14.58	3.90	23.49	27.91	61.4243	0.09	0.06	21.95 RATA RUN 3,COMP.RUN 2/1,PRT1
Maximum	9:52:59	14.59	3.90	23.90	27.93	61.50	0.09	0.06	22.31 RATA RUN 3,COMP.RUN 2/1,PRT1
Minimum	9:52:59	14.58	3.90	23.04	27.87	61.32	0.08	0.06	21.53 RATA RUN 3,COMP.RUN 2/1,PRT1
Std Dev	9:52:59	0.00	0.00	0.27	0.02	0.07	0.00	0.00	0.25 RATA RUN 3,COMP.RUN 2/1,PRT1
PointAvg:	9:52:59	14.58	3.89	23.55	27.87	61.34	0.09	0.06	21.99 RATA RUN 3,COMP.RUN 2/1,PRT1
18-Dec-07	9:56:51	1.32	0.38	3.03	29.15	23.27	0.01	0.02	2.27 Cal:28.8 CO
18-Dec-07	9:57:00	-0.01	0.02	0.92	29.41	19.55	0.00	0.02	0.26 Cal:28.8 CO
18-Dec-07	9:57:10	-0.01	0.02	0.92	29.51	19.62	0.00	0.02	0.26 Cal:28.8 CO
18-Dec-07	9:57:20	-0.01	0.02	0.91	29.60	19.68	0.00	0.02	0.26 Cal:28.8 CO
18-Dec-07	9:57:30	-0.01	0.02	0.92	29.65	19.71	0.00	0.02	0.26 Cal:28.8 CO
Average:	9:57:34	-0.01	0.02	0.92	29.54	19.6413	0.00	0.02	0.26 Cal:28.8 CO
Gas Value:	9:57:34	0	0	0	28.8	#N/A	#N/A	#N/A	28.8 CO
Diff%ofSpan	9:57:34	-0.03%	0.12%	1.94%	1.65%	#N/A	#N/A	#N/A	#N/A
18-Dec-07	9:59:50	14.16	6.09	0.77	0.08	0.16	0.00	0.00	0.68 Cal:14.0 O2/6.04 CO2
18-Dec-07	10:00:00	14.17	6.09	0.76	0.06	0.13	0.00	0.00	0.67 Cal:14.0 O2/6.04 CO2
18-Dec-07	10:00:10	14.16	6.10	0.75	0.06	0.12	0.00	0.00	0.66 Cal:14.0 O2/6.04 CO2
18-Dec-07	10:00:21	14.17	6.10	0.74	0.07	0.13	0.00	0.00	0.65 Cal:14.0 O2/6.04 CO2
Average:	10:00:24	14.16	6.09	0.76	0.07	0.1374	0.00	0.00	0.66 Cal:14.0 O2/6.04 CO2
Gas Value:	10:00:24	14	6.04	0	0	0	#N/A	#N/A	#N/A 14.0 O2/6.04 CO2
Diff%ofSpan	10:00:24	0.78%	0.27%	1.60%	0.15%	1.61%	#N/A	#N/A	#N/A
18-Dec-07	10:02:30	-0.01	0.04	22.53	0.79	0.53	0.02	0.00	6.36 Cal:24.67 NOX
18-Dec-07	10:02:40	-0.01	0.03	22.52	0.89	0.59	0.02	0.00	6.35 Cal:24.67 NOX
18-Dec-07	10:02:51	-0.01	0.03	22.50	1.00	0.67	0.02	0.00	6.35 Cal:24.67 NOX
18-Dec-07	10:03:00	-0.01	0.03	22.47	1.11	0.74	0.02	0.00	6.34 Cal:24.67 NOX
Average:	10:03:01	-0.01	0.03	22.51	0.95	0.6318	0.02	0.00	6.35 Cal:24.67 NOX
Gas Value:	10:03:01	0	0	24.67	0	#N/A	#N/A	#N/A	#N/A 24.67 NOX
Diff%ofSpan	10:03:01	-0.05%	0.16%	-4.57%	2.12%	#N/A	#N/A	#N/A	#N/A
18-Dec-07	10:06:30	14.58	3.88	22.98	27.94	61.43	0.08	0.06	21.45 RATA RUN 4,COMP.RUN 2/2,1 POINT
18-Dec-07	10:07:00	14.57	3.88	23.10	27.97	61.42	0.08	0.06	21.55 RATA RUN 4,COMP.RUN 2/2,1 POINT
18-Dec-07	10:07:33	14.57	3.89	23.14	27.97	61.44	0.08	0.06	21.58 RATA RUN 4,COMP.RUN 2/2,1 POINT
18-Dec-07	10:08:01	14.57	3.89	23.16	28.00	61.52	0.08	0.06	21.59 RATA RUN 4,COMP.RUN 2/2,1 POINT
18-Dec-07	10:08:33	14.57	3.89	23.20	28.03	61.55	0.08	0.06	21.62 RATA RUN 4,COMP.RUN 2/2,1 POINT

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UMITILLA, FLORIDA

Parameter Units	SVMX O2	SVMX CO2	00EHNOX	API300ECO	CO-7% O2	NOX-L/MO2	CO-L/M,O2	NOX	Comments	Comment2
	%V,d	%V,d	ppmVd	ppmVd	0.00	L/M,D	L/M,D	@15%O2		
18-Dec-07 10:09:00	14.57	3.89	23.18	28.13	61.77	0.08	0.06	21.61 RATA RUN 4,COMP.RUN 2/2,1 POINT		
18-Dec-07 10:09:30	14.57	3.89	23.24	28.21	61.96	0.08	0.06	21.67 RATA RUN 4,COMP.RUN 2/2,1 POINT		
18-Dec-07 10:10:00	14.57	3.89	23.27	28.24	62.05	0.08	0.06	21.70 RATA RUN 4,COMP.RUN 2/2,1 POINT		
18-Dec-07 10:10:31	14.58	3.89	23.35	28.24	62.12	0.09	0.06	21.80 RATA RUN 4,COMP.RUN 2/2,1 POINT		
18-Dec-07 10:11:00	14.58	3.89	23.37	28.21	62.06	0.09	0.06	21.83 RATA RUN 4,COMP.RUN 2/2,1 POINT		
18-Dec-07 10:11:30	14.58	3.89	23.39	28.15	61.93	0.09	0.06	21.84 RATA RUN 4,COMP.RUN 2/2,1 POINT		
18-Dec-07 10:12:00	14.58	3.89	23.38	28.09	61.78	0.09	0.06	21.81 RATA RUN 4,COMP.RUN 2/2,1 POINT		
18-Dec-07 10:12:31	14.58	3.89	23.37	28.10	61.88	0.09	0.06	21.82 RATA RUN 4,COMP.RUN 2/2,1 POINT		
18-Dec-07 10:13:00	14.58	3.89	23.36	28.16	62.02	0.09	0.06	21.81 RATA RUN 4,COMP.RUN 2/2,1 POINT		
18-Dec-07 10:13:30	14.58	3.89	23.37	28.22	62.02	0.09	0.06	21.80 RATA RUN 4,COMP.RUN 2/2,1 POINT		
18-Dec-07 10:14:00	14.57	3.89	23.34	28.27	62.10	0.09	0.06	21.77 RATA RUN 4,COMP.RUN 2/2,1 POINT		
18-Dec-07 10:14:31	14.57	3.89	23.33	28.27	62.11	0.09	0.06	21.76 RATA RUN 4,COMP.RUN 2/2,1 POINT		
18-Dec-07 10:15:00	14.57	3.89	23.37	28.24	61.97	0.09	0.06	21.85 RATA RUN 4,COMP.RUN 2/2,1 POINT		
18-Dec-07 10:15:30	14.57	3.90	23.44	28.16	61.66	0.09	0.06	21.86 RATA RUN 4,COMP.RUN 2/2,1 POINT		
18-Dec-07 10:16:01	14.57	3.90	23.49	28.06	61.62	0.09	0.06	21.90 RATA RUN 4,COMP.RUN 2/2,1 POINT		
18-Dec-07 10:16:30	14.58	3.90	23.55	27.99	61.42	0.09	0.06	22.00 RATA RUN 4,COMP.RUN 2/2,1 POINT		
18-Dec-07 10:17:00	14.57	3.90	23.61	27.94	61.39	0.09	0.06	22.02 RATA RUN 4,COMP.RUN 2/2,1 POINT		
18-Dec-07 10:17:30	14.57	3.90	23.58	27.92	61.32	0.09	0.06	21.98 RATA RUN 4,COMP.RUN 2/2,1 POINT		
18-Dec-07 10:18:01	14.57	3.90	23.55	27.95	61.35	0.09	0.06	21.94 RATA RUN 4,COMP.RUN 2/2,1 POINT		
18-Dec-07 10:18:31	14.56	3.90	23.53	27.99	61.39	0.09	0.06	21.91 RATA RUN 4,COMP.RUN 2/2,1 POINT		
18-Dec-07 10:19:00	14.57	3.90	23.51	28.02	61.48	0.09	0.06	21.90 RATA RUN 4,COMP.RUN 2/2,1 POINT		
18-Dec-07 10:19:30	14.57	3.90	23.54	28.03	61.56	0.09	0.06	21.94 RATA RUN 4,COMP.RUN 2/2,1 POINT		
18-Dec-07 10:20:00	14.57	3.90	23.54	27.99	61.46	0.09	0.06	21.94 RATA RUN 4,COMP.RUN 2/2,1 POINT		
18-Dec-07 10:20:30	14.57	3.90	23.57	27.94	61.33	0.09	0.06	21.96 RATA RUN 4,COMP.RUN 2/2,1 POINT		
18-Dec-07 10:21:00	14.57	3.90	23.60	27.89	61.25	0.09	0.06	21.99 RATA RUN 4,COMP.RUN 2/2,1 POINT		
18-Dec-07 10:21:30	14.57	3.90	23.61	27.86	61.19	0.09	0.06	22.01 RATA RUN 4,COMP.RUN 2/2,1 POINT		
18-Dec-07 10:22:00	14.57	3.90	23.59	27.84	61.19	0.09	0.06	22.00 RATA RUN 4,COMP.RUN 2/2,1 POINT		
18-Dec-07 10:22:30	14.57	3.90	23.57	27.87	61.22	0.09	0.06	21.97 RATA RUN 4,COMP.RUN 2/2,1 POINT		
18-Dec-07 10:23:00	14.57	3.90	23.53	27.90	61.28	0.09	0.06	21.94 RATA RUN 4,COMP.RUN 2/2,1 POINT		
18-Dec-07 10:23:30	14.57	3.90	23.47	27.97	61.41	0.09	0.06	21.88 RATA RUN 4,COMP.RUN 2/2,1 POINT		
18-Dec-07 10:24:00	14.58	3.90	23.45	28.04	61.74	0.09	0.06	21.88 RATA RUN 4,COMP.RUN 2/2,1 POINT		
18-Dec-07 10:24:33	14.58	3.90	23.41	28.08	61.72	0.09	0.06	21.84 RATA RUN 4,COMP.RUN 2/2,1 POINT		
18-Dec-07 10:25:02	14.57	3.90	23.45	28.08	61.70	0.09	0.06	21.87 RATA RUN 4,COMP.RUN 2/2,1 POINT		
18-Dec-07 10:25:30	14.57	3.90	23.46	28.08	61.70	0.09	0.06	21.88 RATA RUN 4,COMP.RUN 2/2,1 POINT		
18-Dec-07 10:26:00	14.57	3.90	23.50	28.03	61.54	0.09	0.06	21.90 RATA RUN 4,COMP.RUN 2/2,1 POINT		
18-Dec-07 10:26:30	14.57	3.90	23.52	27.92	61.32	0.09	0.06	21.92 RATA RUN 4,COMP.RUN 2/2,1 POINT		
18-Dec-07 10:27:00	14.57	3.90	23.52	27.85	61.13	0.09	0.06	21.91 RATA RUN 4,COMP.RUN 2/2,1 POINT		
18-Dec-07 10:27:30	14.57	3.90	23.51	27.82	61.00	0.09	0.06	21.88 RATA RUN 4,COMP.RUN 2/2,1 POINT		
18-Dec-07 10:28:00	14.57	3.90	23.48	27.81	61.11	0.09	0.06	21.91 RATA RUN 4,COMP.RUN 2/2,1 POINT		
18-Dec-07 10:28:30	14.57	3.90	23.45	27.82	61.08	0.09	0.06	21.86 RATA RUN 4,COMP.RUN 2/2,1 POINT		

AIR CONSULTING AND ENGINEERING, INC.
2106 NW 67th Place, Suite 4, Gainesville, Florida 32653

Instrumental Reference Method On-Line Data

CT-2 - # 191315

LAKE COGENERATION FACILITY								UMITILLA, FLORIDA
Parameter	SVMX O2	SVMX CO2.00EHNOX	API300ECO	CO-7% O2. NOX-L/MO2	CO-L/M,O2	NOX	Comments	Comment2
Units	%V,d	%V,d	ppmVd	ppmVd	0.00	L/M,D	L/M,D @15%O2	
18-Dec-07	10:29:00	14.56	3.90	23.41	27.86	61.13	0.09	0.06 21.80 RATA RUN 4,COMP.RUN 2/2,1 POINT
18-Dec-07	10:29:30	14.56	3.90	23.36	27.91	61.23	0.09	0.06 21.76 RATA RUN 4,COMP.RUN 2/2,1 POINT
18-Dec-07	10:30:00	14.57	3.90	23.34	27.94	61.31	0.08	0.06 21.74 RATA RUN 4,COMP.RUN 2/2,1 POINT
18-Dec-07	10:30:30	14.55	3.90	23.39	27.97	61.19	0.08	0.06 21.73 RATA RUN 4,COMP.RUN 2/2,1 POINT
18-Dec-07	10:31:01	14.56	3.90	23.38	27.96	61.27	0.08	0.06 21.74 RATA RUN 4,COMP.RUN 2/2,1 POINT
18-Dec-07	10:31:30	14.56	3.90	23.35	27.91	61.22	0.08	0.06 21.74 RATA RUN 4,COMP.RUN 2/2,1 POINT
18-Dec-07	10:32:00	14.56	3.90	23.34	27.86	61.12	0.08	0.06 21.73 RATA RUN 4,COMP.RUN 2/2,1 POINT
18-Dec-07	10:32:30	14.56	3.90	23.33	27.79	60.96	0.08	0.06 21.72 RATA RUN 4,COMP.RUN 2/2,1 POINT
18-Dec-07	10:33:01	14.57	3.90	23.31	27.72	60.78	0.08	0.06 21.73 RATA RUN 4,COMP.RUN 2/2,1 POINT
18-Dec-07	10:33:30	14.57	3.90	23.35	27.70	60.82	0.09	0.06 21.76 RATA RUN 4,COMP.RUN 2/2,1 POINT
18-Dec-07	10:34:00	14.57	3.90	23.39	27.72	60.92	0.09	0.06 21.80 RATA RUN 4,COMP.RUN 2/2,1 POINT
18-Dec-07	10:34:30	14.57	3.90	23.41	27.75	60.92	0.09	0.06 21.81 RATA RUN 4,COMP.RUN 2/2,1 POINT
18-Dec-07	10:35:01	14.57	3.90	23.41	27.78	60.97	0.09	0.06 21.80 RATA RUN 4,COMP.RUN 2/2,1 POINT
18-Dec-07	10:35:30	14.56	3.90	23.41	27.82	60.98	0.09	0.06 21.81 RATA RUN 4,COMP.RUN 2/2,1 POINT
18-Dec-07	10:36:00	14.56	3.90	23.41	27.84	61.07	0.09	0.06 21.80 RATA RUN 4,COMP.RUN 2/2,1 POINT
Average:	10:36:00	14.57	3.90	23.41	27.98	61.4430	0.09	0.06 21.82 RATA RUN 4,COMP.RUN 2/2,1 POINT
Maximum	10:36:00	14.58	3.90	23.61	28.27	62.12	0.09	0.06 22.02 RATA RUN 4,COMP.RUN 2/2,1 POINT
Minimum	10:36:00	14.55	3.88	22.98	27.70	60.78	0.08	0.06 21.45 RATA RUN 4,COMP.RUN 2/2,1 POINT
Std Dev	10:36:00	0.01	0.00	0.13	0.15	0.36	0.00	0.12 RATA RUN 4,COMP.RUN 2/2,1 POINT
18-Dec-07	10:38:29	1.33	0.38	23.06	4.46	6.83	0.03	0.01 7.89 Cal:24.67 NOX
18-Dec-07	10:38:38	0.00	0.03	22.95	1.92	1.27	0.03	0.00 6.48 Cal:24.67 NOX
18-Dec-07	10:38:48	0.00	0.02	22.87	1.83	1.22	0.03	0.00 6.46 Cal:24.67 NOX
18-Dec-07	10:38:58	0.00	0.02	22.80	1.83	1.21	0.03	0.00 6.44 Cal:24.67 NOX
18-Dec-07	10:39:09	0.00	0.02	22.67	1.81	1.20	0.02	0.00 6.40 Cal:24.67 NOX
Average:	10:39:09	0.00	0.02	22.82	1.85	1.2275	0.03	0.00 6.44 Cal:24.67 NOX
Gas Value:	10:39:09	0	0	24.67	0	#N/A	#N/A	#N/A 24.67 NOX
Diff%ofSpan	10:39:09	0.00%	0.12%	-3.91%	4.11%	#N/A	#N/A	#N/A
18-Dec-07	10:41:54	14.16	6.10	0.88	0.35	0.73	0.00	0.00 0.77 Cal:14.0 O2/6.04 CO2
18-Dec-07	10:42:04	14.16	6.10	0.88	0.25	0.52	0.00	0.00 0.77 Cal:14.0 O2/6.04 CO2
18-Dec-07	10:42:14	14.16	6.10	0.87	0.15	0.31	0.00	0.00 0.76 Cal:14.0 O2/6.04 CO2
18-Dec-07	10:42:24	14.16	6.10	0.86	0.07	0.15	0.00	0.00 0.76 Cal:14.0 O2/6.04 CO2
18-Dec-07	10:42:35	14.16	6.11	0.86	0.03	0.06	0.00	0.00 0.75 Cal:14.0 O2/6.04 CO2
18-Dec-07	10:42:44	14.17	6.10	0.85	0.00	0.01	0.00	0.00 0.75 Cal:14.0 O2/6.04 CO2
18-Dec-07	10:42:54	14.17	6.11	0.85	-0.01	-0.01	0.00	0.00 0.74 Cal:14.0 O2/6.04 CO2
Average:	10:42:54	14.16	6.10	0.86	0.02	0.0514	0.00	0.00 0.75 Cal:14.0 O2/6.04 CO2
Gas Value:	10:42:54	14	6.04	0	0	0	#N/A	#N/A 14.0 O2/6.04 CO2
Diff%ofSpan	10:42:54	0.79%	0.32%	1.81%	0.06%	0.60%	#N/A	#N/A
18-Dec-07	10:45:00	0.01	0.05	0.78	31.24	20.78	0.00	0.02 0.22 Cal:28.8 CO
18-Dec-07	10:45:10	0.00	0.04	0.79	31.45	20.92	0.00	0.02 0.22 Cal:28.8 CO

AIR CONSULTING AND ENGINEERING, INC.
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Instrumental Reference Method On-Line Data

CT-2 - # 191315

LAKE COGENERATION FACILITY

UMITILLA, FLORIDA

Parameter Units	SVMX O2 %V,d	SVMX CO2 00EHNOX %V,d	API300ECO ppmVd	CO-7% O2 ppmVd	NOX-L/M02 0.00	CO-L/M,O2 L/M,D	NOX L/M,D @15%O2	Comments	Comment2
18-Dec-07 10:45:21	0.00	0.04	0.78	31.47	20.93	0.00	0.02	0.22 Cal:28.8 CO	
18-Dec-07 10:45:30	0.00	0.04	0.78	31.48	20.94	0.00	0.02	0.22 Cal:28.8 CO	
Average: 10:45:30	0.00	0.04	0.78	31.41	20.8929	0.00	0.02	0.22 Cal:28.8 CO	
Gas Value:	10:45:30	0	0	0	28.8	#N/A	#N/A	#N/A	28.8 CO
Diff%ofSpan	10:45:30	0.02%	0.21%	1.65%	5.81%	#N/A	#N/A	#N/A	#N/A
18-Dec-07 10:47:32	-0.02	0.02	0.76	30.02	19.95	0.00	0.02	0.22 Cal:28.8 CO	
18-Dec-07 10:47:42	-0.02	0.02	0.75	29.97	19.92	0.00	0.02	0.21 Cal:28.8 CO	
18-Dec-07 10:47:52	-0.02	0.02	0.73	29.96	19.91	0.00	0.02	0.21 Cal:28.8 CO	
18-Dec-07 10:48:03	-0.02	0.02	0.71	29.95	19.90	0.00	0.02	0.20 Cal:28.8 CO	
Average: 10:48:03	-0.02	0.02	0.74	29.98	19.9172	0.00	0.02	0.21 Cal:28.8 CO	
Gas Value:	10:48:03	0	0	0	28.8	#N/A	#N/A	#N/A	28.8 CO
Diff%ofSpan	10:48:03	-0.09%	0.09%	1.56%	2.62%	#N/A	#N/A	#N/A	#N/A
18-Dec-07 10:49:15	13.76	3.70	0.62	29.83	58.19	0.00	0.06	0.51 Cal:28.8 CO	
18-Dec-07 10:49:25	14.37	3.84	7.81	29.74	63.26	0.03	0.06	7.09 Cal:28.8 CO	
18-Dec-07 10:49:35	14.48	3.87	10.89	29.60	64.09	0.04	0.06	10.01 Cal:28.8 CO	
Average: 10:49:35	14.20	3.81	6.44	29.72	61.8466	0.02	0.06	5.87 Cal:28.8 CO	
Gas Value:	10:49:35	0	0	0	28.8	#N/A	#N/A	#N/A	28.8 CO
Diff%ofSpan	10:49:35	67.95%	19.04%	13.61%	2.05%	#N/A	#N/A	#N/A	#N/A
18-Dec-07 10:51:30	14.52	3.90	23.12	27.96	60.37	0.08	0.06	21.35 RATA RUN 5,COMP. RUN 3/1,	
18-Dec-07 10:52:00	14.52	3.90	23.10	27.59	60.11	0.08	0.06	21.37 RATA RUN 5,COMP. RUN 3/1,1 POINT	
18-Dec-07 10:52:30	14.52	3.91	23.12	27.46	59.86	0.08	0.06	21.39 RATA RUN 5,COMP. RUN 3/1,1 POINT	
18-Dec-07 10:53:05	14.52	3.91	23.14	27.39	59.71	0.08	0.06	21.42 RATA RUN 5,COMP. RUN 3/1,1 POINT	
18-Dec-07 10:53:31	14.53	3.91	23.18	27.33	59.59	0.08	0.06	21.46 RATA RUN 5,COMP. RUN 3/1,1 POINT	
18-Dec-07 10:54:00	14.52	3.91	23.32	27.26	59.43	0.08	0.06	21.57 RATA RUN 5,COMP. RUN 3/1,1 POINT	
18-Dec-07 10:54:30	14.53	3.91	23.38	27.21	59.34	0.08	0.06	21.64 RATA RUN 5,COMP. RUN 3/1,1 POINT	
18-Dec-07 10:55:00	14.53	3.90	23.43	27.19	59.32	0.08	0.06	21.70 RATA RUN 5,COMP. RUN 3/1,1 POINT	
18-Dec-07 10:55:31	14.53	3.90	23.49	27.17	59.25	0.08	0.06	21.74 RATA RUN 5,COMP. RUN 3/1,1 POINT	
18-Dec-07 10:56:00	14.52	3.90	23.61	27.15	59.19	0.09	0.06	21.85 RATA RUN 5,COMP. RUN 3/1,1 POINT	
18-Dec-07 10:56:30	14.53	3.90	23.61	27.09	58.98	0.09	0.06	21.84 RATA RUN 5,COMP. RUN 3/1,1 POINT	
18-Dec-07 10:57:00	14.52	3.90	23.63	27.01	58.84	0.09	0.06	21.87 RATA RUN 5,COMP. RUN 3/1,1 POINT	
18-Dec-07 10:57:31	14.52	3.90	23.64	26.97	58.80	0.09	0.06	21.87 RATA RUN 5,COMP. RUN 3/1,1 POINT	
18-Dec-07 10:58:00	14.52	3.90	23.63	26.95	58.75	0.09	0.06	21.86 RATA RUN 5,COMP. RUN 3/1,1 POINT	
18-Dec-07 10:58:30	14.53	3.91	23.56	26.98	58.85	0.09	0.06	21.82 RATA RUN 5,COMP. RUN 3/1,1 POINT	
18-Dec-07 10:59:00	14.53	3.91	23.52	27.01	58.95	0.09	0.06	21.79 RATA RUN 5,COMP. RUN 3/1,1 POINT	
18-Dec-07 10:59:31	14.54	3.91	23.50	27.04	59.09	0.09	0.06	21.79 RATA RUN 5,COMP. RUN 3/1,1 POINT	
18-Dec-07 11:00:00	14.54	3.90	23.48	27.07	59.17	0.09	0.06	21.79 RATA RUN 5,COMP. RUN 3/1,1 POINT	
18-Dec-07 11:00:30	14.55	3.90	23.42	27.15	59.39	0.08	0.06	21.75 RATA RUN 5,COMP. RUN 3/1,1 POINT	
18-Dec-07 11:01:01	14.55	3.90	23.40	27.27	59.67	0.08	0.06	21.73 RATA RUN 5,COMP. RUN 3/1,1 POINT	
18-Dec-07 11:01:30	14.54	3.90	23.37	27.43	60.04	0.08	0.06	21.65 RATA RUN 5,COMP. RUN 3/1,1 POINT	

AIR CONSULTING AND ENGINEERING, INC.
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Instrumental Reference Method On-Line Data

CT-2 - # 191315

LAKE COGENERATION FACILITY

UMITILLA, FLORIDA

Parameter	SVMX O2	SVMX CO2	0.00	API300ECO	CO-7% O2	NOX-L/MO2	CO-L/M,O2	NOX	Comments	Comment2
	Units	%V,d	%V,d	ppmVd	ppmVd	0.00	L/M,D	L/M,D	@15%O2	
18-Dec-07	11:02:00	14.54	3.90	23.31	27.56	60.21	0.08	0.06	21.62 RATA RUN 5,COMP. RUN 3/1,1 POINT	
18-Dec-07	11:02:30	14.54	3.91	23.30	27.67	60.47	0.08	0.06	21.62 RATA RUN 5,COMP. RUN 3/1,1 POINT	
18-Dec-07	11:03:01	14.54	3.91	23.32	27.69	60.56	0.08	0.06	21.66 RATA RUN 5,COMP. RUN 3/1,1 POINT	
18-Dec-07	11:03:31	14.54	3.91	23.36	27.70	60.56	0.08	0.06	21.68 RATA RUN 5,COMP. RUN 3/1,1 POINT	
18-Dec-07	11:04:00	14.54	3.91	23.38	27.68	60.56	0.08	0.06	21.71 RATA RUN 5,COMP. RUN 3/1,1 POINT	
18-Dec-07	11:04:30	14.54	3.91	23.38	27.69	60.49	0.08	0.06	21.68 RATA RUN 5,COMP. RUN 3/1,1 POINT	
18-Dec-07	11:05:00	14.54	3.91	23.35	27.66	60.43	0.08	0.06	21.65 RATA RUN 5,COMP. RUN 3/1,1 POINT	
18-Dec-07	11:05:30	14.54	3.91	23.33	27.62	60.35	0.08	0.06	21.64 RATA RUN 5,COMP. RUN 3/1,1 POINT	
18-Dec-07	11:06:00	14.54	3.91	23.35	27.54	60.20	0.08	0.06	21.67 RATA RUN 5,COMP. RUN 3/1,1 POINT	
18-Dec-07	11:06:30	14.55	3.91	23.37	27.45	59.99	0.08	0.06	21.74 RATA RUN 5,COMP. RUN 3/1,1 POINT	
18-Dec-07	11:07:00	14.54	3.91	23.42	27.38	59.87	0.08	0.06	21.73 RATA RUN 5,COMP. RUN 3/1,1 POINT	
18-Dec-07	11:07:30	14.54	3.91	23.45	27.36	59.83	0.09	0.06	21.77 RATA RUN 5,COMP. RUN 3/1,1 POINT	
18-Dec-07	11:08:00	14.54	3.91	23.49	27.38	59.95	0.09	0.06	21.79 RATA RUN 5,COMP. RUN 3/1,1 POINT	
18-Dec-07	11:08:30	14.55	3.91	23.47	27.46	60.17	0.09	0.06	21.78 RATA RUN 5,COMP. RUN 3/1,1 POINT	
18-Dec-07	11:09:00	14.54	3.91	23.44	27.54	60.20	0.08	0.06	21.75 RATA RUN 5,COMP. RUN 3/1,1 POINT	
18-Dec-07	11:09:30	14.54	3.91	23.40	27.60	60.32	0.08	0.06	21.71 RATA RUN 5,COMP. RUN 3/1,1 POINT	
18-Dec-07	11:10:00	14.54	3.91	23.39	27.66	60.44	0.08	0.06	21.70 RATA RUN 5,COMP. RUN 3/1,1 POINT	
18-Dec-07	11:10:30	14.54	3.91	23.34	27.71	60.52	0.08	0.06	21.64 RATA RUN 5,COMP. RUN 3/1,1 POINT	
18-Dec-07	11:11:00	14.53	3.91	23.30	27.73	60.56	0.08	0.06	21.60 RATA RUN 5,COMP. RUN 3/1,1 POINT	
18-Dec-07	11:11:30	14.53	3.91	23.27	27.72	60.52	0.08	0.06	21.56 RATA RUN 5,COMP. RUN 3/1,1 POINT	
18-Dec-07	11:12:00	14.53	3.91	23.24	27.69	60.44	0.08	0.06	21.54 RATA RUN 5,COMP. RUN 3/1,1 POINT	
18-Dec-07	11:12:30	14.53	3.91	23.24	27.66	60.35	0.08	0.06	21.52 RATA RUN 5,COMP. RUN 3/1,1 POINT	
18-Dec-07	11:13:00	14.53	3.92	23.31	27.60	60.12	0.08	0.06	21.64 RATA RUN 5,COMP. RUN 3/1,1 POINT	
18-Dec-07	11:13:30	14.53	3.92	23.37	27.49	59.95	0.08	0.06	21.63 RATA RUN 5,COMP. RUN 3/1,1 POINT	
18-Dec-07	11:14:00	14.53	3.91	23.45	27.37	59.70	0.08	0.06	21.71 RATA RUN 5,COMP. RUN 3/1,1 POINT	
18-Dec-07	11:14:30	14.53	3.91	23.49	27.28	59.41	0.09	0.06	21.76 RATA RUN 5,COMP. RUN 3/1,1 POINT	
18-Dec-07	11:15:00	14.53	3.92	23.53	27.18	59.27	0.09	0.06	21.78 RATA RUN 5,COMP. RUN 3/1,1 POINT	
18-Dec-07	11:15:30	14.52	3.91	23.58	27.08	59.04	0.09	0.06	21.82 RATA RUN 5,COMP. RUN 3/1,1 POINT	
18-Dec-07	11:16:01	14.53	3.91	23.58	27.01	58.90	0.09	0.06	21.83 RATA RUN 5,COMP. RUN 3/1,1 POINT	
18-Dec-07	11:16:30	14.52	3.91	23.63	26.95	58.76	0.09	0.06	21.87 RATA RUN 5,COMP. RUN 3/1,1 POINT	
18-Dec-07	11:17:00	14.52	3.92	23.77	26.88	58.59	0.09	0.06	21.99 RATA RUN 5,COMP. RUN 3/1,1 POINT	
18-Dec-07	11:17:30	14.53	3.92	23.75	26.82	58.49	0.09	0.06	21.99 RATA RUN 5,COMP. RUN 3/1,1 POINT	
18-Dec-07	11:18:01	14.53	3.91	23.74	26.83	58.54	0.09	0.06	21.98 RATA RUN 5,COMP. RUN 3/1,1 POINT	
18-Dec-07	11:18:30	14.53	3.91	23.73	26.91	58.74	0.09	0.06	21.98 RATA RUN 5,COMP. RUN 3/1,1 POINT	
18-Dec-07	11:19:00	14.54	3.91	23.66	27.06	59.13	0.09	0.06	21.94 RATA RUN 5,COMP. RUN 3/1,1 POINT	
18-Dec-07	11:19:30	14.54	3.91	23.53	27.29	59.65	0.09	0.06	21.83 RATA RUN 5,COMP. RUN 3/1,1 POINT	
18-Dec-07	11:20:01	14.54	3.91	23.42	27.55	60.20	0.08	0.06	21.72 RATA RUN 5,COMP. RUN 3/1,1 POINT	
18-Dec-07	11:20:30	14.54	3.91	23.35	27.75	60.67	0.08	0.06	21.67 RATA RUN 5,COMP. RUN 3/1,1 POINT	
18-Dec-07	11:21:00	14.54	3.91	23.28	27.93	61.08	0.08	0.06	21.60 RATA RUN 5,COMP. RUN 3/1,1 POINT	
Average:	11:21:00	14.53	3.91	23.43	27.36	59.7323	0.08	0.06	21.71 RATA RUN 5,COMP. RUN 3/1,1 POINT	

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Instrumental Reference Method On-Line Data

CT-2 - # 191315

LAKE COGENERATION FACILITY

UMITILLA, FLORIDA

Parameter	SVMX O2	SVMX CO2.00EHNOX	API300ECO	CO-7% O2	NOX-L/MO2	CO-L/M,O2	NOX	Comments	Comment2
Units	%V,d	%V,d	ppmVd	ppmVd	0.00	L/M,D	L/M,D	@15%O2	
Maximum	11:21:00	14.55	3.92	23.77	27.96	61.08	0.09	0.06	21.99 RATA RUN 5,COMP. RUN 3/1,1 POINT
Minimum	11:21:00	14.52	3.90	23.10	26.82	58.49	0.08	0.06	21.35 RATA RUN 5,COMP. RUN 3/1,1 POINT
Std Dev	11:21:00	0.01	0.00	0.16	0.30	0.68	0.00	0.00	0.15 RATA RUN 5,COMP. RUN 3/1,1 POINT
18-Dec-07	11:23:43	1.46	0.42	3.28	28.82	23.44	0.01	0.02	2.43 Cal:28.8 CO
18-Dec-07	11:23:53	0.01	0.03	1.04	29.00	19.30	0.00	0.02	0.29 Cal:28.8 CO
18-Dec-07	11:24:03	0.00	0.03	0.94	29.09	19.38	0.00	0.02	0.26 Cal:28.8 CO
18-Dec-07	11:24:13	0.00	0.02	0.94	29.17	19.40	0.00	0.02	0.27 Cal:28.8 CO
18-Dec-07	11:24:23	0.00	0.02	0.94	29.26	19.46	0.00	0.02	0.27 Cal:28.8 CO
Average:	11:24:25	0.00	0.02	0.97	29.13	19.3830	0.00	0.02	0.27 Cal:28.8 CO
Gas Value:	11:24:25	0	0	0	28.8	#N/A	#N/A	#N/A	28.8 CO
Diff%ofSpan	11:24:25	0.01%	0.12%	2.04%	0.73%	#N/A	#N/A	#N/A	#N/A
18-Dec-07	11:27:16	14.15	6.09	0.87	0.16	0.33	0.00	0.00	0.76 Cal:14.0 O2/6.04 CO2
18-Dec-07	11:27:25	14.15	6.09	0.87	0.15	0.31	0.00	0.00	0.76 Cal:14.0 O2/6.04 CO2
18-Dec-07	11:27:35	14.15	6.09	0.85	0.14	0.29	0.00	0.00	0.75 Cal:14.0 O2/6.04 CO2
18-Dec-07	11:27:45	14.15	6.09	0.83	0.13	0.28	0.00	0.00	0.73 Cal:14.0 O2/6.04 CO2
Average:	11:27:45	14.15	6.09	0.86	0.15	0.3006	0.00	0.00	0.75 Cal:14.0 O2/6.04 CO2
Gas Value:	11:27:45	14	6.04	0	0	0	#N/A	#N/A	#N/A 14.0 O2/6.04 CO2
Diff%ofSpan	11:27:45	0.73%	0.26%	1.81%	0.32%	3.52%	#N/A	#N/A	#N/A
18-Dec-07	11:32:22	-0.03	0.01	21.79	1.56	1.04	0.02	0.00	6.14 Cal:24.67 NOX
18-Dec-07	11:32:32	-0.03	0.01	21.80	1.56	1.04	0.02	0.00	6.15 Cal:24.67 NOX
Average:	11:32:35	-0.03	0.01	21.79	1.56	1.0382	0.02	0.00	6.14 Cal:24.67 NOX
Gas Value:	11:32:35	0	0	24.67	0	#N/A	#N/A	#N/A	#N/A 24.67 NOX
Diff%ofSpan	11:32:35	-0.12%	0.04%	-6.08%	3.48%	#N/A	#N/A	#N/A	#N/A
18-Dec-07	11:35:33	-0.03	0.00	23.60	1.45	0.97	0.03	0.00	6.65 Cal:24.67 NOX
18-Dec-07	11:35:43	-0.03	0.00	23.60	1.45	0.96	0.03	0.00	6.65 Cal:24.67 NOX
18-Dec-07	11:35:54	-0.03	0.00	23.61	1.45	0.96	0.03	0.00	6.65 Cal:24.67 NOX
Average:	11:35:55	-0.03	0.00	23.60	1.45	0.9630	0.03	0.00	6.65 Cal:24.67 NOX
Gas Value:	11:35:55	0	0	24.67	0	#N/A	#N/A	#N/A	#N/A 24.67 NOX
Diff%ofSpan	11:35:55	-0.16%	-0.01%	-2.25%	3.23%	#N/A	#N/A	#N/A	#N/A
18-Dec-07	11:38:45	14.51	3.88	23.84	28.96	62.99	0.09	0.06	22.01 RATA RUN 6,COMP.RUN 3/2,1 POINT
18-Dec-07	11:39:15	14.52	3.89	24.01	29.00	63.18	0.09	0.06	22.20 RATA RUN 6,COMP.RUN 3/2,1 POINT
18-Dec-07	11:39:47	14.53	3.89	24.18	29.06	63.37	0.09	0.06	22.39 RATA RUN 6,COMP.RUN 3/2,1 POINT
18-Dec-07	11:40:16	14.53	3.89	24.20	29.12	63.52	0.09	0.06	22.41 RATA RUN 6,COMP.RUN 3/2,1 POINT
18-Dec-07	11:40:45	14.53	3.89	24.23	29.17	63.66	0.09	0.06	22.45 RATA RUN 6,COMP.RUN 3/2,1 POINT
18-Dec-07	11:41:15	14.53	3.90	24.23	29.23	63.78	0.09	0.06	22.44 RATA RUN 6,COMP.RUN 3/2,1 POINT
18-Dec-07	11:41:45	14.53	3.90	24.21	29.24	63.71	0.09	0.06	22.40 RATA RUN 6,COMP.RUN 3/2,1 POINT
18-Dec-07	11:42:15	14.53	3.90	24.21	29.19	63.69	0.09	0.06	22.42 RATA RUN 6,COMP.RUN 3/2,1 POINT
18-Dec-07	11:42:45	14.53	3.90	24.27	29.14	63.54	0.09	0.06	22.49 RATA RUN 6,COMP.RUN 3/2,1 POINT
18-Dec-07	11:43:15	14.53	3.90	24.30	29.10	63.51	0.09	0.06	22.51 RATA RUN 6,COMP.RUN 3/2,1 POINT

AIR CONSULTING AND ENGINEERING, INC.
2106 NW 67th Place, Suite 4, Gainesville, Florida 32653

Instrumental Reference Method On-Line Data

CT-2 - # 191315

LAKE COGENERATION FACILITY

UMITILLA, FLORIDA

Parameter	SVMX O2	SVMX CO2.00EHNNOX	API300ECO	CO-7% O2	NOX-L/M02	CO-L/M,02	NOX	Comments	Comment2
	Units	%V,d	%V,d	ppmVd	ppmVd	0.00	L/M,D	L/M,D @15%O2	
18-Dec-07	11:43:45	14.53	3.90	24.36	29.03	63.20	0.09	0.06	22.57 RATA RUN 6,COMP.RUN 3/2,1 POINT
18-Dec-07	11:44:15	14.53	3.90	24.37	28.95	63.16	0.09	0.06	22.56 RATA RUN 6,COMP.RUN 3/2,1 POINT
18-Dec-07	11:44:45	14.53	3.90	24.37	28.92	63.06	0.09	0.06	22.58 RATA RUN 6,COMP.RUN 3/2,1 POINT
18-Dec-07	11:45:15	14.53	3.90	24.42	28.88	63.03	0.09	0.06	22.62 RATA RUN 6,COMP.RUN 3/2,1 POINT
18-Dec-07	11:45:45	14.53	3.90	24.44	28.86	62.99	0.09	0.06	22.64 RATA RUN 6,COMP.RUN 3/2,1 POINT
18-Dec-07	11:46:15	14.53	3.90	24.46	28.85	63.00	0.09	0.06	22.66 RATA RUN 6,COMP.RUN 3/2,1 POINT
18-Dec-07	11:46:45	14.53	3.90	24.47	28.86	63.02	0.09	0.06	22.68 RATA RUN 6,COMP.RUN 3/2,1 POINT
18-Dec-07	11:47:15	14.54	3.90	24.46	28.87	63.09	0.09	0.06	22.65 RATA RUN 6,COMP.RUN 3/2,1 POINT
18-Dec-07	11:47:45	14.54	3.90	24.42	28.88	63.07	0.09	0.06	22.64 RATA RUN 6,COMP.RUN 3/2,1 POINT
18-Dec-07	11:48:15	14.53	3.90	24.42	28.89	63.08	0.09	0.06	22.62 RATA RUN 6,COMP.RUN 3/2,1 POINT
18-Dec-07	11:48:45	14.53	3.91	24.45	28.90	63.08	0.09	0.06	22.66 RATA RUN 6,COMP.RUN 3/2,1 POINT
18-Dec-07	11:49:15	14.53	3.91	24.45	28.94	63.17	0.09	0.06	22.65 RATA RUN 6,COMP.RUN 3/2,1 POINT
18-Dec-07	11:49:46	14.53	3.90	24.46	28.98	63.30	0.09	0.06	22.68 RATA RUN 6,COMP.RUN 3/2,1 POINT
18-Dec-07	11:50:15	14.53	3.91	24.48	29.02	63.35	0.09	0.06	22.67 RATA RUN 6,COMP.RUN 3/2,1 POINT
18-Dec-07	11:50:45	14.53	3.91	24.47	29.03	63.37	0.09	0.06	22.67 RATA RUN 6,COMP.RUN 3/2,1 POINT
18-Dec-07	11:51:15	14.53	3.91	24.49	29.02	63.27	0.09	0.06	22.70 RATA RUN 6,COMP.RUN 3/2,1 POINT
18-Dec-07	11:51:46	14.53	3.91	24.53	28.98	63.23	0.09	0.06	22.72 RATA RUN 6,COMP.RUN 3/2,1 POINT
18-Dec-07	11:52:15	14.53	3.91	24.59	28.93	63.04	0.09	0.06	22.79 RATA RUN 6,COMP.RUN 3/2,1 POINT
18-Dec-07	11:52:45	14.53	3.91	24.59	28.88	62.99	0.09	0.06	22.76 RATA RUN 6,COMP.RUN 3/2,1 POINT
18-Dec-07	11:53:15	14.53	3.91	24.62	28.85	62.91	0.09	0.06	22.79 RATA RUN 6,COMP.RUN 3/2,1 POINT
18-Dec-07	11:53:46	14.53	3.91	24.62	28.84	62.89	0.09	0.06	22.79 RATA RUN 6,COMP.RUN 3/2,1 POINT
18-Dec-07	11:54:15	14.53	3.91	24.64	28.84	62.89	0.09	0.06	22.81 RATA RUN 6,COMP.RUN 3/2,1 POINT
18-Dec-07	11:54:45	14.53	3.91	24.64	28.82	62.85	0.09	0.06	22.81 RATA RUN 6,COMP.RUN 3/2,1 POINT
18-Dec-07	11:55:15	14.53	3.91	24.66	28.80	62.83	0.09	0.06	22.84 RATA RUN 6,COMP.RUN 3/2,1 POINT
18-Dec-07	11:55:46	14.53	3.91	24.69	28.77	62.77	0.09	0.06	22.86 RATA RUN 6,COMP.RUN 3/2,1 POINT
18-Dec-07	11:56:15	14.53	3.91	24.72	28.74	62.68	0.09	0.06	22.92 RATA RUN 6,COMP.RUN 3/2,1 POINT
18-Dec-07	11:56:45	14.53	3.91	24.75	28.71	62.59	0.09	0.06	22.90 RATA RUN 6,COMP.RUN 3/2,1 POINT
18-Dec-07	11:57:16	14.53	3.91	24.79	28.69	62.61	0.09	0.06	22.96 RATA RUN 6,COMP.RUN 3/2,1 POINT
18-Dec-07	11:57:45	14.53	3.91	24.81	28.68	62.59	0.09	0.06	22.98 RATA RUN 6,COMP.RUN 3/2,1 POINT
18-Dec-07	11:58:15	14.53	3.91	24.77	28.71	62.65	0.09	0.06	22.94 RATA RUN 6,COMP.RUN 3/2,1 POINT
18-Dec-07	11:58:45	14.53	3.91	24.74	28.74	62.82	0.09	0.06	22.88 RATA RUN 6,COMP.RUN 3/2,1 POINT
18-Dec-07	11:59:16	14.53	3.92	24.72	28.78	62.83	0.09	0.06	22.90 RATA RUN 6,COMP.RUN 3/2,1 POINT
18-Dec-07	11:59:46	14.53	3.92	24.72	28.82	62.92	0.09	0.06	22.90 RATA RUN 6,COMP.RUN 3/2,1 POINT
18-Dec-07	12:00:15	14.53	3.92	24.72	28.85	62.95	0.09	0.06	22.90 RATA RUN 6,COMP.RUN 3/2,1 POINT
18-Dec-07	12:00:45	14.53	3.92	24.77	28.79	62.83	0.09	0.06	22.95 RATA RUN 6,COMP.RUN 3/2,1 POINT
18-Dec-07	12:01:15	14.53	3.91	24.78	28.67	62.59	0.09	0.06	22.96 RATA RUN 6,COMP.RUN 3/2,1 POINT
18-Dec-07	12:01:45	14.53	3.92	24.80	28.61	62.40	0.09	0.06	22.96 RATA RUN 6,COMP.RUN 3/2,1 POINT
18-Dec-07	12:02:15	14.53	3.91	24.74	28.58	62.33	0.09	0.06	22.90 RATA RUN 6,COMP.RUN 3/2,1 POINT
18-Dec-07	12:02:45	14.52	3.91	24.73	28.59	62.46	0.09	0.06	22.87 RATA RUN 6,COMP.RUN 3/2,1 POINT
18-Dec-07	12:03:15	14.53	3.91	24.71	28.70	62.59	0.09	0.06	22.88 RATA RUN 6,COMP.RUN 3/2,1 POINT

AIR CONSULTING AND ENGINEERING, INC.
2106 NW 67th Place, Suite 4, Gainesville, Florida 32653

Instrumental Reference Method On-Line Data

CT-2 - # 191315

LAKE COGENERATION FACILITY UMITILLA, FLORIDA									
Parameter	SVMX O2	SVMX CO2:00EHNOX	API300ECO	CO-7% O2	NOX-L/MO2	CO-L/M,O2	NOX	Comments	Comment2
Units	%V,d	%V,d	ppmVd	ppmVd	0.00	L/M,D	L/M,D @15%O2		
18-Dec-07	12:03:45	14.52	3.92	24.70	28.84	62.86	0.09	0.06	22.86 RATA RUN 6,COMP.RUN 3/2,1 POINT
18-Dec-07	12:04:15	14.52	3.92	24.65	28.91	62.99	0.09	0.06	22.80 RATA RUN 6,COMP.RUN 3/2,1 POINT
18-Dec-07	12:04:46	14.52	3.92	24.64	28.96	63.08	0.09	0.06	22.78 RATA RUN 6,COMP.RUN 3/2,1 POINT
18-Dec-07	12:05:15	14.52	3.92	24.61	28.96	63.09	0.09	0.06	22.76 RATA RUN 6,COMP.RUN 3/2,1 POINT
18-Dec-07	12:05:45	14.52	3.92	24.59	28.89	62.95	0.09	0.06	22.74 RATA RUN 6,COMP.RUN 3/2,1 POINT
18-Dec-07	12:06:15	14.52	3.92	24.54	28.80	62.77	0.09	0.06	22.70 RATA RUN 6,COMP.RUN 3/2,1 POINT
18-Dec-07	12:06:45	14.52	3.92	24.58	28.73	62.60	0.09	0.06	22.73 RATA RUN 6,COMP.RUN 3/2,1 POINT
18-Dec-07	12:07:15	14.52	3.92	24.60	28.69	62.52	0.09	0.06	22.75 RATA RUN 6,COMP.RUN 3/2,1 POINT
18-Dec-07	12:07:45	14.52	3.92	24.59	28.71	62.55	0.09	0.06	22.74 RATA RUN 6,COMP.RUN 3/2,1 POINT
18-Dec-07	12:08:15	14.52	3.92	24.53	28.75	62.64	0.09	0.06	22.68 RATA RUN 6,COMP.RUN 3/2,1 POINT
Average:	12:08:15	14.53	3.91	24.53	28.88	62.9920	0.09	0.06	22.71 RATA RUN 6,COMP.RUN 3/2,1 POINT
Maximum	12:08:15	14.54	3.92	24.81	29.24	63.78	0.09	0.06	22.98 RATA RUN 6,COMP.RUN 3/2,1 POINT
Minimum	12:08:15	14.51	3.88	23.84	28.58	62.33	0.09	0.06	22.01 RATA RUN 6,COMP.RUN 3/2,1 POINT
Std Dev	12:08:15	0.00	0.01	0.21	0.16	0.34	0.00	0.00	0.20 RATA RUN 6,COMP.RUN 3/2,1 POINT
18-Dec-07	12:10:40	1.45	0.42	24.13	4.70	7.48	0.03	0.01	8.39 Cal:24.67 NOX
18-Dec-07	12:10:50	0.00	0.03	24.05	1.86	1.24	0.03	0.00	6.79 Cal:24.67 NOX
18-Dec-07	12:11:00	0.00	0.03	24.01	1.77	1.17	0.03	0.00	6.78 Cal:24.67 NOX
18-Dec-07	12:11:11	-0.01	0.03	23.97	1.75	1.16	0.03	0.00	6.77 Cal:24.67 NOX
18-Dec-07	12:11:20	-0.01	0.03	23.94	1.73	1.15	0.03	0.00	6.76 Cal:24.67 NOX
Average:	12:11:27	0.29	0.11	24.02	2.36	2.4413	0.03	0.00	7.09 Cal:24.67 NOX
Gas Value:	12:11:27	0	0	24.67	0	#N/A	#N/A	#N/A	#N/A 24.67 NOX
Diff%ofSpan	12:11:27	1.37%	0.54%	-1.37%	5.26%	#N/A	#N/A	#N/A	#N/A
18-Dec-07	12:15:22	-0.04	0.01	23.60	1.48	0.98	0.03	0.00	6.65 Cal:24.67 NOX
18-Dec-07	12:15:32	-0.03	0.01	23.61	1.47	0.98	0.03	0.00	6.65 Cal:24.67 NOX
18-Dec-07	12:15:42	-0.04	0.01	23.61	1.47	0.97	0.03	0.00	6.65 Cal:24.67 NOX
Average:	12:15:44	-0.04	0.01	23.61	1.48	0.9795	0.03	0.00	6.65 Cal:24.67 NOX
Gas Value:	12:15:44	0	0	24.67	0	#N/A	#N/A	#N/A	#N/A 24.67 NOX
Diff%ofSpan	12:15:44	-0.17%	0.06%	-2.24%	3.29%	#N/A	#N/A	#N/A	#N/A
18-Dec-07	12:17:36	-0.04	0.01	0.49	29.00	19.25	0.00	0.02	0.14 Cal:28.8 CO
18-Dec-07	12:17:46	-0.04	0.01	0.42	29.07	19.30	0.00	0.02	0.12 Cal:28.8 CO
18-Dec-07	12:17:56	-0.04	0.01	0.42	29.10	19.31	0.00	0.02	0.12 Cal:28.8 CO
18-Dec-07	12:18:06	-0.04	0.01	0.42	29.09	19.31	0.00	0.02	0.12 Cal:28.8 CO
Average:	12:18:08	-0.04	0.01	0.44	29.07	19.2946	0.00	0.02	0.12 Cal:28.8 CO
Gas Value:	12:18:08	0	0	0	28.8	#N/A	#N/A	#N/A	#N/A 28.8 CO
Diff%ofSpan	12:18:08	-0.19%	0.05%	0.92%	0.59%	#N/A	#N/A	#N/A	#N/A
18-Dec-07	12:20:27	14.05	6.06	0.31	0.20	0.40	0.00	0.00	0.27 Cal:14.0 O2/6.04 CO2
18-Dec-07	12:20:37	14.06	6.06	0.30	0.14	0.29	0.00	0.00	0.26 Cal:14.0 O2/6.04 CO2
18-Dec-07	12:20:47	14.06	6.06	0.28	0.13	0.27	0.00	0.00	0.24 Cal:14.0 O2/6.04 CO2
18-Dec-07	12:20:57	14.06	6.07	0.26	0.13	0.26	0.00	0.00	0.22 Cal:14.0 O2/6.04 CO2

AIR CONSULTING AND ENGINEERING, INC.
2106 NW 67th Place, Suite 4, Gainesville, Florida 32653

Instrumental Reference Method On-Line Data

CT-2 - # 191315

LAKE COGENERATION FACILITY

UMITILLA, FLORIDA

Parameter Units	SVMX O2 %V,d	SVMX CO2:00EHNOX %V,d	API300ECO ppmVd	CO-7% O2 ppmVd	NOX-L/M/O2 0.00	CO-L/M,O2 L/M,D	NOX L/M,D @15%O2	Comments	Comment2
Average:	12:20:58	14.06	6.06	0.29	0.15	0.3057	0.00	0.00	0.25 Cal:14.0 O2/6.04 CO2
Gas Value:	12:20:58	14	6.04	0	0	0	#N/A	#N/A	#N/A 14.0 O2/6.04 CO2
Diff%ofSpan	12:20:58	0.28%	0.12%	0.61%	0.34%	3.58%	#N/A	#N/A	#N/A
18-Dec-07	13:48:11	14.11	6.10	0.84	0.17	0.34	0.00	0.00	0.73 Cal:14.0 O2/6.04 CO2
18-Dec-07	13:48:21	14.11	6.11	0.85	0.16	0.32	0.00	0.00	0.74 Cal:14.0 O2/6.04 CO2
18-Dec-07	13:48:31	14.11	6.11	0.84	0.14	0.29	0.00	0.00	0.73 Cal:14.0 O2/6.04 CO2
18-Dec-07	13:48:41	14.11	6.11	0.83	0.14	0.29	0.00	0.00	0.72 Cal:14.0 O2/6.04 CO2
18-Dec-07	13:48:51	14.11	6.11	0.81	0.13	0.27	0.00	0.00	0.70 Cal:14.0 O2/6.04 CO2
18-Dec-07	13:49:01	14.11	6.11	0.81	0.13	0.26	0.00	0.00	0.70 Cal:14.0 O2/6.04 CO2
Average:	13:49:07	14.11	6.11	0.83	0.14	0.2949	0.00	0.00	0.72 Cal:14.0 O2/6.04 CO2
Gas Value:	13:49:07	14	6.04	0	0	0	#N/A	#N/A	#N/A 14.0 O2/6.04 CO2
Diff%ofSpan	13:49:07	0.52%	0.33%	1.75%	0.32%	3.45%	#N/A	#N/A	#N/A
18-Dec-07	13:54:30	-0.02	0.02	24.12	1.61	1.07	0.03	0.00	6.80 Cal:24.67 NOX
18-Dec-07	13:54:40	-0.02	0.01	24.13	1.61	1.07	0.03	0.00	6.80 Cal:24.67 NOX
18-Dec-07	13:54:51	-0.02	0.01	24.12	1.60	1.07	0.03	0.00	6.80 Cal:24.67 NOX
18-Dec-07	13:55:00	-0.02	0.01	24.14	1.59	1.06	0.03	0.00	6.81 Cal:24.67 NOX
Average:	13:55:07	-0.02	0.01	24.13	1.60	1.0662	0.03	0.00	6.80 Cal:24.67 NOX
Gas Value:	13:55:07	0	0	24.67	0	#N/A	#N/A	#N/A	#N/A 24.67 NOX
Diff%ofSpan	13:55:07	-0.11%	0.07%	-1.15%	3.57%	#N/A	#N/A	#N/A	#N/A
18-Dec-07	13:57:18	-0.03	0.01	0.43	29.43	19.55	0.00	0.02	0.12 Cal:28.8 CO
18-Dec-07	13:57:29	-0.03	0.01	0.39	29.47	19.57	0.00	0.02	0.11 Cal:28.8 CO
18-Dec-07	13:57:38	-0.03	0.01	0.38	29.47	19.57	0.00	0.02	0.11 Cal:28.8 CO
18-Dec-07	13:57:48	-0.03	0.01	0.37	29.47	19.57	0.00	0.02	0.10 Cal:28.8 CO
18-Dec-07	13:57:58	-0.03	0.01	0.37	29.47	19.57	0.00	0.02	0.10 Cal:28.8 CO
Average:	13:57:58	-0.03	0.01	0.39	29.46	19.5661	0.00	0.02	0.11 Cal:28.8 CO
Gas Value:	13:57:58	0	0	0	28.8	#N/A	#N/A	#N/A	#N/A 28.8 CO
Diff%ofSpan	13:57:58	-0.13%	0.05%	0.82%	1.47%	#N/A	#N/A	#N/A	#N/A
18-Dec-07	14:07:30	14.49	3.92	25.65	27.83	60.39	0.09	0.06	23.62 RATA RUN 7,1 POINT
18-Dec-07	14:08:00	14.49	3.92	25.68	27.79	60.27	0.09	0.06	23.64 RATA RUN 7,1 POINT
18-Dec-07	14:08:31	14.49	3.92	25.70	27.74	60.18	0.09	0.06	23.66 RATA RUN 7,1 POINT
18-Dec-07	14:11:00	14.49	3.93	25.71	27.71	60.12	0.09	0.06	23.67 RATA RUN 7,1 POINT
18-Dec-07	14:11:01	14.50	3.92	25.71	27.69	60.11	0.09	0.06	23.69 RATA RUN 7,1 POINT
18-Dec-07	14:11:02	14.50	3.92	25.73	27.69	60.11	0.09	0.06	23.71 RATA RUN 7,1 POINT
18-Dec-07	14:11:03	14.49	3.92	25.74	27.69	60.09	0.09	0.06	23.71 RATA RUN 7,1 POINT
18-Dec-07	14:11:04	14.49	3.92	25.74	27.66	60.01	0.09	0.06	23.70 RATA RUN 7,1 POINT
18-Dec-07	14:11:30	14.50	3.93	25.73	27.68	60.08	0.09	0.06	23.70 RATA RUN 7,1 POINT
18-Dec-07	14:12:01	14.49	3.93	25.76	27.66	60.00	0.09	0.06	23.70 RATA RUN 7,1 POINT
18-Dec-07	14:12:31	14.49	3.93	25.78	27.63	59.92	0.09	0.06	23.73 RATA RUN 7,1 POINT
18-Dec-07	14:13:00	14.49	3.93	25.80	27.58	59.82	0.09	0.06	23.75 RATA RUN 7,1 POINT

AIR CONSULTING AND ENGINEERING, INC.
2106 NW 67th Place, Suite 4, Gainesville, Florida 32653

Instrumental Reference Method On-Line Data

CT-2 - # 191315

LAKE COGENERATION FACILITY

UMITILLA, FLORIDA

Parameter	SVMX O2	SVMX CO2	00EHNOX	API300ECO	CO-7% O2	NOX-L/MO2	CO-L/M,O2	NOX	Comments	Comment2
	Units	%V,d	%V,d	ppmVd	ppmVd	0.00	L/M,D	L/M,D	@15%O2	
18-Dec-07	14:13:30	14.49	3.93	25.81	27.56	59.76	0.09	0.06	23.75 RATA RUN 7,1 POINT	
18-Dec-07	14:14:00	14.49	3.92	25.76	27.55	59.72	0.09	0.06	23.69 RATA RUN 7,1 POINT	
18-Dec-07	14:14:31	14.49	3.92	25.73	27.57	59.81	0.09	0.06	23.70 RATA RUN 7,1 POINT	
18-Dec-07	14:15:00	14.49	3.92	25.64	27.60	59.93	0.09	0.06	23.62 RATA RUN 7,1 POINT	
18-Dec-07	14:15:30	14.50	3.92	25.62	27.64	59.99	0.09	0.06	23.61 RATA RUN 7,1 POINT	
18-Dec-07	14:16:00	14.50	3.92	25.61	27.68	60.06	0.09	0.06	23.59 RATA RUN 7,1 POINT	
18-Dec-07	14:16:30	14.49	3.92	25.61	27.70	60.10	0.09	0.06	23.58 RATA RUN 7,1 POINT	
18-Dec-07	14:17:00	14.49	3.92	25.61	27.72	60.12	0.09	0.06	23.58 RATA RUN 7,1 POINT	
18-Dec-07	14:17:30	14.49	3.93	25.61	27.73	60.14	0.09	0.06	23.58 RATA RUN 7,1 POINT	
18-Dec-07	14:18:00	14.49	3.92	25.56	27.72	60.14	0.09	0.06	23.55 RATA RUN 7,1 POINT	
18-Dec-07	14:18:30	14.50	3.92	25.56	27.70	60.15	0.09	0.06	23.56 RATA RUN 7,1 POINT	
18-Dec-07	14:19:00	14.50	3.92	25.52	27.69	60.11	0.09	0.06	23.51 RATA RUN 7,1 POINT	
18-Dec-07	14:19:30	14.50	3.92	25.44	27.69	60.12	0.09	0.06	23.44 RATA RUN 7,1 POINT	
18-Dec-07	14:20:00	14.50	3.92	25.46	27.71	60.23	0.09	0.06	23.48 RATA RUN 7,1 POINT	
18-Dec-07	14:20:30	14.51	3.91	25.43	27.75	60.34	0.09	0.06	23.47 RATA RUN 7,1 POINT	
18-Dec-07	14:21:00	14.51	3.91	25.40	27.84	60.69	0.09	0.06	23.42 RATA RUN 7,1 POINT	
18-Dec-07	14:21:30	14.52	3.91	25.38	27.97	60.90	0.09	0.06	23.46 RATA RUN 7,1 POINT	
18-Dec-07	14:22:00	14.52	3.91	25.43	28.15	61.31	0.09	0.06	23.52 RATA RUN 7,1 POINT	
18-Dec-07	14:22:30	14.52	3.91	25.39	28.37	61.79	0.09	0.06	23.48 RATA RUN 7,1 POINT	
18-Dec-07	14:23:00	14.52	3.91	25.39	28.61	62.57	0.09	0.06	23.48 RATA RUN 7,1 POINT	
18-Dec-07	14:23:30	14.52	3.90	25.34	28.79	62.74	0.09	0.06	23.44 RATA RUN 7,1 POINT	
18-Dec-07	14:24:00	14.52	3.90	25.27	28.92	63.02	0.09	0.06	23.36 RATA RUN 7,1 POINT	
18-Dec-07	14:24:30	14.52	3.90	25.22	28.99	63.18	0.09	0.06	23.33 RATA RUN 7,1 POINT	
18-Dec-07	14:25:00	14.52	3.91	25.19	29.03	63.26	0.09	0.06	23.30 RATA RUN 7,1 POINT	
18-Dec-07	14:25:30	14.52	3.90	25.14	29.06	63.31	0.09	0.06	23.24 RATA RUN 7,1 POINT	
18-Dec-07	14:26:00	14.51	3.91	25.16	29.12	63.46	0.09	0.06	23.21 RATA RUN 7,1 POINT	
18-Dec-07	14:26:30	14.52	3.91	25.14	29.18	63.54	0.09	0.06	23.24 RATA RUN 7,1 POINT	
18-Dec-07	14:27:00	14.51	3.91	25.17	29.21	63.56	0.09	0.06	23.26 RATA RUN 7,1 POINT	
18-Dec-07	14:27:30	14.51	3.91	25.19	29.20	63.54	0.09	0.06	23.27 RATA RUN 7,1 POINT	
18-Dec-07	14:28:00	14.51	3.91	25.22	29.15	63.30	0.09	0.06	23.33 RATA RUN 7,1 POINT	
Average:	14:28:00	14.50	3.92	25.52	28.07	61.0007	0.09	0.06	23.53 RATA RUN 7,1 POINT	
Maximum	14:28:00	14.52	3.93	25.81	29.21	63.56	0.09	0.06	23.75 RATA RUN 7,1 POINT	
Minimum	14:28:00	14.49	3.90	25.14	27.55	59.72	0.09	0.06	23.21 RATA RUN 7,1 POINT	
Std Dev	14:28:00	0.01	0.01	0.22	0.60	1.40	0.00	0.00	0.16 RATA RUN 7,1 POINT	
18-Dec-07	14:30:10	14.18	5.88	3.21	3.34	7.22	0.01	0.01	2.93 Cal:14.0 O2/6.04 CO2	
18-Dec-07	14:30:20	14.14	6.10	0.77	0.24	0.50	0.00	0.00	0.67 Cal:14.0 O2/6.04 CO2	
18-Dec-07	14:30:30	14.14	6.11	0.66	0.16	0.33	0.00	0.00	0.57 Cal:14.0 O2/6.04 CO2	
18-Dec-07	14:30:40	14.14	6.11	0.64	0.15	0.31	0.00	0.00	0.56 Cal:14.0 O2/6.04 CO2	
18-Dec-07	14:30:50	14.14	6.11	0.65	0.15	0.31	0.00	0.00	0.57 Cal:14.0 O2/6.04 CO2	
Average:	14:30:52	14.14	6.11	0.68	0.18	0.3607	0.00	0.00	0.59 Cal:14.0 O2/6.04 CO2	19

AIR CONSULTING AND ENGINEERING, INC.
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Instrumental Reference Method On-Line Data

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LAKE COGENERATION FACILITY

UMITILLA, FLORIDA

Parameter Units	SVMX O2 %V,d	SVMX CO2:0.00EHNOX %V,d	API300ECO ppmVd	CO-7% O2 ppmVd	NOX-L/M02 0.00	CO-L/M,02 L/M,D	NOX L/M,D @15%O2	Comments	Comment2
Gas Value:	14:30:52	14	6.04	0	0	#N/A	#N/A	#N/A 14.0 O2/6.04 CO2	
Diff%ofSpan	14:30:52	0.67%	0.33%	1.43%	0.39%	4.22%	#N/A	#N/A	#N/A
18-Dec-07	14:32:32	0.01	0.05	24.17	0.61	0.40	0.03	0.00	6.82 Cal:24.67 NOX
18-Dec-07	14:32:42	0.00	0.04	24.25	0.71	0.47	0.03	0.00	6.85 Cal:24.67 NOX
18-Dec-07	14:32:52	0.00	0.04	24.30	0.81	0.54	0.03	0.00	6.86 Cal:24.67 NOX
18-Dec-07	14:33:02	0.00	0.03	24.26	0.92	0.61	0.03	0.00	6.85 Cal:24.67 NOX
Average:	14:33:03	0.00	0.04	24.25	0.76	0.5061	0.03	0.00	6.85 Cal:24.67 NOX
Gas Value:	14:33:03	0	0	24.67	0	#N/A	#N/A	#N/A	#N/A 24.67 NOX
Diff%ofSpan	14:33:03	0.01%	0.20%	-0.90%	1.69%	#N/A	#N/A	#N/A	#N/A
18-Dec-07	14:35:30	14.49	3.91	24.45	0.00	0.00	0.09	0.06	22.51 RATA RUN 8, 1 POINT
18-Dec-07	14:36:02	14.50	3.91	24.60	0.00	0.00	0.09	0.06	22.82 RATA RUN 8, 1 POINT
18-Dec-07	14:36:30	14.50	3.91	24.81	0.00	0.00	0.09	0.06	22.89 RATA RUN 8, 1 POINT
18-Dec-07	14:37:01	14.50	3.91	24.89	0.00	0.00	0.09	0.06	23.03 RATA RUN 8, 1 POINT
18-Dec-07	14:37:30	14.51	3.91	25.02	0.00	0.00	0.09	0.06	23.09 RATA RUN 8, 1 POINT
18-Dec-07	14:38:00	14.51	3.91	25.08	0.00	0.00	0.09	0.06	23.17 RATA RUN 8, 1 POINT
18-Dec-07	14:38:30	14.52	3.91	25.11	0.00	0.00	0.09	0.06	23.20 RATA RUN 8, 1 POINT
18-Dec-07	14:39:00	14.52	3.91	25.09	0.00	0.00	0.09	0.06	23.19 RATA RUN 8, 1 POINT
18-Dec-07	14:39:30	14.52	3.91	25.08	0.00	0.00	0.09	0.06	23.19 RATA RUN 8, 1 POINT
18-Dec-07	14:40:00	14.52	3.91	25.08	0.00	0.00	0.09	0.06	23.20 RATA RUN 8, 1 POINT
18-Dec-07	14:40:30	14.52	3.91	25.07	0.00	0.00	0.09	0.06	23.15 RATA RUN 8, 1 POINT
18-Dec-07	14:41:00	14.52	3.91	25.02	0.00	0.00	0.09	0.06	23.13 RATA RUN 8, 1 POINT
18-Dec-07	14:41:30	14.52	3.91	25.00	0.00	0.00	0.09	0.06	23.11 RATA RUN 8, 1 POINT
18-Dec-07	14:42:00	14.52	3.91	24.94	0.00	0.00	0.09	0.06	23.06 RATA RUN 8, 1 POINT
18-Dec-07	14:42:30	14.52	3.91	24.83	0.00	0.00	0.09	0.06	22.92 RATA RUN 8, 1 POINT
18-Dec-07	14:43:00	14.52	3.91	24.82	0.00	0.00	0.09	0.06	22.95 RATA RUN 8, 1 POINT
18-Dec-07	14:43:30	14.52	3.91	24.87	0.00	0.00	0.09	0.06	22.99 RATA RUN 8, 1 POINT
18-Dec-07	14:44:00	14.52	3.91	24.95	0.00	0.00	0.09	0.06	23.06 RATA RUN 8, 1 POINT
18-Dec-07	14:44:30	14.52	3.91	25.04	0.00	0.00	0.09	0.04	23.14 RATA RUN 8, 1 POINT
18-Dec-07	14:45:00	14.52	3.91	25.11	0.00	0.00	0.09	0.00	23.20 RATA RUN 8, 1 POINT
18-Dec-07	14:45:30	14.51	3.91	25.16	0.00	0.00	0.09	0.00	23.24 RATA RUN 8, 1 POINT
18-Dec-07	14:46:00	14.51	3.91	25.15	0.00	0.00	0.09	0.00	23.24 RATA RUN 8, 1 POINT
18-Dec-07	14:46:30	14.51	3.91	25.16	0.00	0.00	0.09	0.00	23.25 RATA RUN 8, 1 POINT
18-Dec-07	14:47:00	14.51	3.91	25.18	0.00	0.00	0.09	0.00	23.26 RATA RUN 8, 1 POINT
18-Dec-07	14:47:30	14.51	3.92	25.20	0.00	0.00	0.09	0.00	23.27 RATA RUN 8, 1 POINT
18-Dec-07	14:48:01	14.51	3.91	25.19	0.00	0.00	0.09	0.00	23.28 RATA RUN 8, 1 POINT
18-Dec-07	14:48:30	14.51	3.91	25.23	0.00	0.00	0.09	0.00	23.31 RATA RUN 8, 1 POINT
18-Dec-07	14:49:00	14.51	3.92	25.21	0.00	0.00	0.09	0.00	23.29 RATA RUN 8, 1 POINT
18-Dec-07	14:49:30	14.51	3.92	25.26	0.00	0.00	0.09	0.00	23.34 RATA RUN 8, 1 POINT
18-Dec-07	14:50:00	14.51	3.92	25.29	0.00	0.00	0.09	0.00	23.36 RATA RUN 8, 1 POINT
18-Dec-07	14:50:30	14.52	3.92	25.32	0.00	0.00	0.09	0.00	23.40 RATA RUN 8, 1 POINT

AIR CONSULTING AND ENGINEERING, INC.
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Instrumental Reference Method On-Line Data

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LAKE COGENERATION FACILITY									UMITILLA, FLORIDA
Parameter	SVMX O2	SVMX CO2:00EHNOX	API300ECO	CO-7% O2	NOX-L/MO2	CO-L/M,O2	NOX	Comments	Comment2
Units	%V,d	%V,d	ppmVd	ppmVd	0.00	L/M,D	L/M,D @15%O2		
18-Dec-07	14:51:00	14.52	3.91	25.32	0.00	0.00	0.09	0.00	23.41 RATA RUN 8, 1 POINT
18-Dec-07	14:51:30	14.52	3.91	25.30	0.00	0.00	0.09	0.00	23.40 RATA RUN 8, 1 POINT
18-Dec-07	14:52:00	14.52	3.91	25.27	0.00	0.00	0.09	0.00	23.37 RATA RUN 8, 1 POINT
18-Dec-07	14:52:30	14.52	3.91	25.24	0.00	0.00	0.09	0.00	23.35 RATA RUN 8, 1 POINT
18-Dec-07	14:53:00	14.52	3.91	25.22	0.00	0.00	0.09	0.00	23.31 RATA RUN 8, 1 POINT
18-Dec-07	14:53:31	14.52	3.91	25.23	0.00	0.00	0.09	0.00	23.35 RATA RUN 8, 1 POINT
18-Dec-07	14:54:00	14.52	3.91	25.25	0.00	0.00	0.09	0.00	23.35 RATA RUN 8, 1 POINT
18-Dec-07	14:54:30	14.52	3.91	25.22	0.00	0.00	0.09	0.00	23.32 RATA RUN 8, 1 POINT
18-Dec-07	14:55:00	14.52	3.91	25.21	0.00	0.00	0.09	0.00	23.30 RATA RUN 8, 1 POINT
18-Dec-07	14:55:30	14.52	3.91	25.18	0.00	0.00	0.09	0.00	23.28 RATA RUN 8, 1 POINT
18-Dec-07	14:56:00	14.52	3.91	25.19	0.00	0.00	0.09	0.00	23.28 RATA RUN 8, 1 POINT
Average:	14:56:00	14.52	3.91	25.09	0.00	0.0000	0.09	0.03	23.19 RATA RUN 8, 1 POINT
Maximum	14:56:00	14.52	3.92	25.32	0.00	0.00	0.09	0.06	23.41 RATA RUN 8, 1 POINT
Minimum	14:56:00	14.49	3.91	24.45	0.00	0.00	0.09	0.00	22.51 RATA RUN 8, 1 POINT
Std Dev	14:56:00	0.01	0.00	0.19	0.00	0.00	0.03	0.18	RATA RUN 8, 1 POINT
18-Dec-07	14:58:09	1.32	0.38	24.79	0.00	0.00	0.03	0.00	8.47 Cal:24.67 NOX
18-Dec-07	14:58:18	0.00	0.03	24.70	0.00	0.00	0.03	0.00	6.97 Cal:24.67 NOX
18-Dec-07	14:58:28	0.00	0.02	24.63	0.00	0.00	0.03	0.00	6.95 Cal:24.67 NOX
18-Dec-07	14:58:38	0.00	0.02	24.58	0.00	0.00	0.03	0.00	6.94 Cal:24.67 NOX
18-Dec-07	14:58:48	0.00	0.02	24.54	0.00	0.00	0.03	0.00	6.93 Cal:24.67 NOX
Average:	14:58:50	0.00	0.02	24.61	0.00	0.0000	0.03	0.00	6.95 Cal:24.67 NOX
Gas Value:	14:58:50	0	0	24.67	0	#N/A	#N/A	#N/A	#N/A 24.67 NOX
Diff%ofSpan	14:58:50	-0.01%	0.12%	-0.12%	0.00%	#N/A	#N/A	#N/A	#N/A
18-Dec-07	15:00:40	14.13	6.10	0.56	0.00	0.00	0.00	0.48	Cal:14.0 O2/6.04 CO2
18-Dec-07	15:00:50	14.13	6.10	0.54	0.00	0.00	0.00	0.47	Cal:14.0 O2/6.04 CO2
18-Dec-07	15:01:00	14.14	6.11	0.53	0.00	0.00	0.00	0.46	Cal:14.0 O2/6.04 CO2
18-Dec-07	15:01:10	14.14	6.11	0.52	0.00	0.00	0.00	0.46	Cal:14.0 O2/6.04 CO2
Average:	15:01:11	14.13	6.11	0.53	0.00	0.0000	0.00	0.00	0.47 Cal:14.0 O2/6.04 CO2
Gas Value:	15:01:11	14	6.04	0	0	0	#N/A	#N/A	#N/A 14.0 O2/6.04 CO2
Diff%ofSpan	15:01:11	0.64%	0.33%	1.13%	0.00%	0.00%	#N/A	#N/A	#N/A
18-Dec-07	15:03:33	14.50	3.92	24.97	0.00	0.00	0.09	0.00	23.02 RATA RUN 9,1 POINT
18-Dec-07	15:04:03	14.50	3.92	24.98	0.00	0.00	0.09	0.00	23.03 RATA RUN 9,1 POINT
18-Dec-07	15:04:39	14.49	3.93	25.01	0.00	0.00	0.09	0.00	23.03 RATA RUN 9,1 POINT
18-Dec-07	15:05:03	14.49	3.93	25.06	0.00	0.00	0.09	0.00	23.12 RATA RUN 9,1 POINT
18-Dec-07	15:05:33	14.49	3.93	25.12	0.00	0.00	0.09	0.00	23.13 RATA RUN 9,1 POINT
18-Dec-07	15:06:03	14.50	3.93	25.13	0.00	0.00	0.09	0.00	23.20 RATA RUN 9,1 POINT
18-Dec-07	15:06:33	14.50	3.92	25.17	0.00	0.00	0.09	0.00	23.20 RATA RUN 9,1 POINT
18-Dec-07	15:07:03	14.50	3.93	25.18	0.00	0.00	0.09	0.00	23.20 RATA RUN 9,1 POINT
18-Dec-07	15:07:33	14.49	3.93	25.16	0.00	0.00	0.09	0.00	23.17 RATA RUN 9,1 POINT

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Instrumental Reference Method On-Line Data

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LAKE COGENERATION FACILITY

UMITILLA, FLORIDA

Parameter Units	SVMX O2	SVMX CO2:00EHNOX	API300ECO	CO-7% O2	NOX-L/M/O2	CO-L/M,O2	NOX	Comments	Comment2
	%V,d	%V,d	ppmVd	ppmVd	0.00	L/M,D	L/M,D	@15%O2	
18-Dec-07 15:08:03	14.49	3.93	25.16	0.00	0.00	0.09	0.00	23.17 RATA RUN 9,1 POINT	
18-Dec-07 15:08:33	14.50	3.93	25.21	0.00	0.00	0.09	0.00	23.23 RATA RUN 9,1 POINT	
18-Dec-07 15:09:03	14.50	3.92	25.24	0.00	0.00	0.09	0.00	23.27 RATA RUN 9,1 POINT	
18-Dec-07 15:09:33	14.50	3.92	25.26	0.00	0.00	0.09	0.00	23.30 RATA RUN 9,1 POINT	
18-Dec-07 15:10:03	14.51	3.92	25.26	0.00	0.00	0.09	0.00	23.32 RATA RUN 9,1 POINT	
18-Dec-07 15:10:33	14.51	3.92	25.29	0.00	0.00	0.09	0.00	23.35 RATA RUN 9,1 POINT	
18-Dec-07 15:11:08	14.51	3.92	25.27	0.00	0.00	0.09	0.00	23.32 RATA RUN 9,1 POINT	
18-Dec-07 15:11:33	14.51	3.92	25.28	0.00	0.00	0.09	0.00	23.34 RATA RUN 9,1 POINT	
18-Dec-07 15:12:08	14.51	3.92	25.31	0.00	0.00	0.09	0.00	23.37 RATA RUN 9,1 POINT	
18-Dec-07 15:12:36	14.51	3.92	25.33	0.00	0.00	0.09	0.00	23.39 RATA RUN 9,1 POINT	
18-Dec-07 15:13:16	14.51	3.92	25.28	0.00	0.00	0.09	0.00	23.34 RATA RUN 9,1 POINT	
18-Dec-07 15:13:33	14.51	3.92	25.25	0.00	0.00	0.09	0.00	23.31 RATA RUN 9,1 POINT	
18-Dec-07 15:14:03	14.51	3.92	25.21	0.00	0.00	0.09	0.00	23.25 RATA RUN 9,1 POINT	
18-Dec-07 15:14:33	14.51	3.92	25.19	0.00	0.00	0.09	0.00	23.25 RATA RUN 9,1 POINT	
18-Dec-07 15:15:03	14.51	3.92	25.17	0.00	0.00	0.09	0.00	23.23 RATA RUN 9,1 POINT	
18-Dec-07 15:15:33	14.51	3.92	25.16	0.00	0.00	0.09	0.00	23.23 RATA RUN 9,1 POINT	
18-Dec-07 15:16:03	14.51	3.92	25.14	0.00	0.00	0.09	0.00	23.21 RATA RUN 9,1 POINT	
18-Dec-07 15:16:33	14.51	3.92	25.14	0.00	0.00	0.09	0.00	23.22 RATA RUN 9,1 POINT	
18-Dec-07 15:17:04	14.51	3.92	25.14	0.00	0.00	0.09	0.00	23.19 RATA RUN 9,1 POINT	
18-Dec-07 15:17:33	14.51	3.92	25.12	0.00	0.00	0.09	0.00	23.21 RATA RUN 9,1 POINT	
18-Dec-07 15:18:03	14.51	3.92	25.09	0.00	0.00	0.09	0.00	23.17 RATA RUN 9,1 POINT	
18-Dec-07 15:18:33	14.51	3.92	24.99	0.00	0.00	0.09	0.00	23.07 RATA RUN 9,1 POINT	
18-Dec-07 15:19:04	14.51	3.92	24.89	0.00	0.00	0.09	0.00	22.99 RATA RUN 9,1 POINT	
18-Dec-07 15:19:33	14.51	3.92	24.81	0.00	0.00	0.09	0.00	22.91 RATA RUN 9,1 POINT	
18-Dec-07 15:20:03	14.51	3.92	24.81	0.00	0.00	0.09	0.00	22.91 RATA RUN 9,1 POINT	
18-Dec-07 15:20:33	14.51	3.92	24.82	0.00	0.00	0.09	0.00	22.93 RATA RUN 9,1 POINT	
18-Dec-07 15:21:04	14.51	3.92	24.89	0.00	0.00	0.09	0.00	23.02 RATA RUN 9,1 POINT	
18-Dec-07 15:21:33	14.51	3.92	24.96	0.00	0.00	0.09	0.00	23.07 RATA RUN 9,1 POINT	
18-Dec-07 15:22:03	14.51	3.92	24.99	0.00	0.00	0.09	0.00	23.08 RATA RUN 9,1 POINT	
18-Dec-07 15:22:33	14.51	3.92	25.01	0.00	0.00	0.09	0.00	23.11 RATA RUN 9,1 POINT	
18-Dec-07 15:23:04	14.51	3.92	25.06	0.00	0.00	0.09	0.00	23.14 RATA RUN 9,1 POINT	
18-Dec-07 15:23:33	14.51	3.92	25.09	0.00	0.00	0.09	0.00	23.17 RATA RUN 9,1 POINT	
18-Dec-07 15:24:03	14.51	3.92	25.10	0.00	#VALUE!	#VALUE!	#VALUE!	#VALUE! RATA RUN 9,1 POINT	
Average:	15:24:03	14.51	3.92	25.11	0.00	#VALUE!	#VALUE!	#VALUE!	##### RATA RUN 9,1 POINT
Maximum	15:24:03	14.51	3.93	25.33	0.00	#VALUE!	#VALUE!	#VALUE!	RATA RUN 9,1 POINT
Minimum	15:24:03	14.49	3.92	24.81	0.00	#VALUE!	#VALUE!	#VALUE!	RATA RUN 9,1 POINT
Std Dev	15:24:03	0.01	0.00	0.14	0.00	#VALUE!	#VALUE!	#VALUE!	RATA RUN 9,1 POINT
18-Dec-07	15:26:39	14.15	5.90	3.13	0.00	0.00	0.00	0.00	0.59 Cal:14.0 O2/6.04 CO2
18-Dec-07	15:26:49	14.16	6.12	0.68	0.00	0.00	0.00	0.00	0.60 Cal:14.0 O2/6.04 CO2
18-Dec-07	15:26:59	14.16	6.12	0.67	0.00	0.00	0.00	0.00	0.59 Cal:14.0 O2/6.04 CO2

AIR CONSULTING AND ENGINEERING, INC.
2106 NW 67th Place, Suite 4, Gainesville, Florida 32653

Instrumental Reference Method On-Line Data

CT-2 - # 191315

LAKE COGENERATION FACILITY

UMITILLA, FLORIDA

Parameter	SVMX O2	SVMX CO2 00EHNOX	API300ECO	CO-7% O2	NOX-L/M02	CO-L/M,O2	NOX	Comments	Comment2
Units	%V,d	%V,d	ppmVd	ppmVd	0.00	L/M,D	L/M,D	@15%O2	
18-Dec-07	15:27:10	14.15	6.12	0.67	0.00	0.00	0.00	0.59 Cal:14.0 O2/6.04 CO2	
18-Dec-07	15:27:19	14.15	6.12	0.67	0.00	0.00	0.00	0.59 Cal:14.0 O2/6.04 CO2	
Average:	15:27:22	14.16	6.12	0.67	0.00	0.0000	0.00	0.00	0.59 Cal:14.0 O2/6.04 CO2
Gas Value:	15:27:22	14	6.04	0	0	0	#N/A	#N/A	#N/A 14.0 O2/6.04 CO2
Diff%ofSpan	15:27:22	0.74%	0.40%	1.42%	0.00%	0.00%	#N/A	#N/A	#N/A
18-Dec-07	15:29:19	0.01	0.05	24.39	0.00	0.00	0.03	0.00	6.89 Cal:24.67 NOX
18-Dec-07	15:29:29	0.01	0.05	24.36	0.00	0.00	0.03	0.00	6.88 Cal:24.67 NOX
18-Dec-07	15:29:39	0.01	0.04	24.42	0.00	0.00	0.03	0.00	6.90 Cal:24.67 NOX
18-Dec-07	15:29:49	0.00	0.04	24.39	0.00	0.00	0.03	0.00	6.89 Cal:24.67 NOX
Average:	15:29:49	0.01	0.05	24.39	0.00	0.0000	0.03	0.00	6.89 Cal:24.67 NOX
Gas Value:	15:29:49	0	0	24.67	0	#N/A	#N/A	#N/A	24.67 NOX
Diff%ofSpan	15:29:49	0.03%	0.24%	-0.59%	0.00%	#N/A	#N/A	#N/A	#N/A
18-Dec-07	15:32:32	14.50	3.92	24.68	0.00	0.00	0.09	0.00	22.74 RATA RUN 10, 1 POINT
18-Dec-07	15:33:03	14.50	3.92	24.82	0.00	0.00	0.09	0.00	22.87 RATA RUN 10, 1 POINT
18-Dec-07	15:33:32	14.50	3.92	24.88	0.00	0.00	0.09	0.00	22.92 RATA RUN 10, 1 POINT
18-Dec-07	15:34:02	14.50	3.92	24.91	0.00	0.00	0.09	0.00	22.96 RATA RUN 10, 1 POINT
18-Dec-07	15:34:32	14.50	3.92	24.95	0.00	0.00	0.09	0.00	23.01 RATA RUN 10, 1 POINT
18-Dec-07	15:35:03	14.50	3.92	24.95	0.00	0.00	0.09	0.00	22.99 RATA RUN 10, 1 POINT
18-Dec-07	15:35:32	14.50	3.92	24.94	0.00	0.00	0.09	0.00	22.98 RATA RUN 10, 1 POINT
18-Dec-07	15:36:02	14.50	3.92	24.96	0.00	0.00	0.09	0.00	22.99 RATA RUN 10, 1 POINT
18-Dec-07	15:36:32	14.50	3.92	25.00	0.00	0.00	0.09	0.00	23.04 RATA RUN 10, 1 POINT
18-Dec-07	15:37:03	14.50	3.92	25.00	0.00	0.00	0.09	0.00	23.02 RATA RUN 10, 1 POINT
18-Dec-07	15:37:32	14.50	3.92	25.00	0.00	0.00	0.09	0.00	23.04 RATA RUN 10, 1 POINT
18-Dec-07	15:38:02	14.50	3.92	25.02	0.00	0.00	0.09	0.00	23.07 RATA RUN 10, 1 POINT
18-Dec-07	15:38:32	14.50	3.92	25.03	0.00	0.00	0.09	0.00	23.09 RATA RUN 10, 1 POINT
18-Dec-07	15:39:02	14.50	3.92	25.04	0.00	0.00	0.09	0.00	23.09 RATA RUN 10, 1 POINT
18-Dec-07	15:39:32	14.50	3.92	25.00	0.00	0.00	0.09	0.00	23.06 RATA RUN 10, 1 POINT
18-Dec-07	15:40:02	14.51	3.92	25.00	0.00	0.00	0.09	0.00	23.02 RATA RUN 10, 1 POINT
18-Dec-07	15:40:32	14.50	3.92	24.94	0.00	0.00	0.09	0.00	23.00 RATA RUN 10, 1 POINT
18-Dec-07	15:41:02	14.50	3.92	24.89	0.00	0.00	0.09	0.00	22.96 RATA RUN 10, 1 POINT
18-Dec-07	15:41:32	14.50	3.92	24.84	0.00	0.00	0.09	0.00	22.90 RATA RUN 10, 1 POINT
18-Dec-07	15:42:02	14.50	3.92	24.84	0.00	0.00	0.09	0.00	22.91 RATA RUN 10, 1 POINT
18-Dec-07	15:42:32	14.51	3.92	24.82	0.00	0.00	0.09	0.00	22.90 RATA RUN 10, 1 POINT
18-Dec-07	15:43:02	14.51	3.92	24.83	0.00	0.00	0.09	0.00	22.91 RATA RUN 10, 1 POINT
18-Dec-07	15:43:32	14.50	3.92	24.83	0.00	0.00	0.09	0.00	22.91 RATA RUN 10, 1 POINT
18-Dec-07	15:44:02	14.50	3.92	24.81	0.00	0.00	0.09	0.00	22.88 RATA RUN 10, 1 POINT
18-Dec-07	15:44:32	14.50	3.92	24.78	0.00	0.00	0.09	0.00	22.85 RATA RUN 10, 1 POINT
18-Dec-07	15:45:02	14.50	3.92	24.76	0.00	0.00	0.09	0.00	22.83 RATA RUN 10, 1 POINT
18-Dec-07	15:45:32	14.50	3.92	24.78	0.00	0.00	0.09	0.00	22.84 RATA RUN 10, 1 POINT
18-Dec-07	15:46:02	14.50	3.92	24.80	0.00	0.00	0.09	0.00	22.91 RATA RUN 10, 1 POINT

AIR CONSULTING AND ENGINEERING, INC.
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Instrumental Reference Method On-Line Data

CT-2 - # 191315

LAKE COGENERATION FACILITY								UMITILLA, FLORIDA		
Parameter	SVMX O2	SVMX CO2	0.00EHN0X	API300ECO	CO-7% O2	NOX-L/M02	CO-L/M,O2	NOX	Comments	Comment2
Units	%V,d	%V,d	ppmVd	ppmVd	0.00	L/M,D	L/M,D	@15%O2		
18-Dec-07	15:46:32	14.50	3.92	24.92	0.00	0.00	0.09	0.00	22.98 RATA RUN 10, 1 POINT	
18-Dec-07	15:47:02	14.50	3.92	24.95	0.00	0.00	0.09	0.00	23.01 RATA RUN 10, 1 POINT	
18-Dec-07	15:47:32	14.50	3.92	24.97	0.00	0.00	0.09	0.00	23.04 RATA RUN 10, 1 POINT	
18-Dec-07	15:48:02	14.50	3.92	24.97	0.00	0.00	0.09	0.00	23.02 RATA RUN 10, 1 POINT	
18-Dec-07	15:48:32	14.50	3.93	25.00	0.00	0.00	0.09	0.00	23.04 RATA RUN 10, 1 POINT	
18-Dec-07	15:49:02	14.50	3.93	24.98	0.00	0.00	0.09	0.00	23.02 RATA RUN 10, 1 POINT	
18-Dec-07	15:49:32	14.50	3.93	24.94	0.00	0.00	0.09	0.00	22.99 RATA RUN 10, 1 POINT	
18-Dec-07	15:50:02	14.50	3.92	24.93	0.00	0.00	0.09	0.00	22.99 RATA RUN 10, 1 POINT	
18-Dec-07	15:50:32	14.50	3.92	24.94	0.00	0.00	0.09	0.00	22.97 RATA RUN 10, 1 POINT	
18-Dec-07	15:51:02	14.50	3.92	24.88	0.00	0.00	0.09	0.00	22.93 RATA RUN 10, 1 POINT	
18-Dec-07	15:51:32	14.50	3.92	24.89	0.00	0.00	0.09	0.00	22.95 RATA RUN 10, 1 POINT	
18-Dec-07	15:52:02	14.50	3.92	24.88	0.00	0.00	0.09	0.00	22.95 RATA RUN 10, 1 POINT	
18-Dec-07	15:52:32	14.50	3.92	24.89	0.00	0.00	0.09	0.00	22.96 RATA RUN 10, 1 POINT	
18-Dec-07	15:53:02	14.50	3.92	24.91	0.00	0.00	0.09	0.00	22.97 RATA RUN 10, 1 POINT	
Average:	15:53:02	14.50	3.92	24.91	0.00	0.0000	0.09	0.00	22.97 RATA RUN 10, 1 POINT	
Maximum	15:53:02	14.51	3.93	25.04	0.00	0.00	0.09	0.00	23.09 RATA RUN 10, 1 POINT	
Minimum	15:53:02	14.50	3.92	24.68	0.00	0.00	0.00	0.00	22.74 RATA RUN 10, 1 POINT	
Std Dev	15:53:02	0.00	0.00	0.08	0.00	0.00	0.01	0.00	0.08 RATA RUN 10, 1 POINT	
18-Dec-07	15:55:09	1.46	0.42	24.64	0.00	0.00	0.03	0.00	8.55 Cal:24.67 NOX	
18-Dec-07	15:55:19	0.00	0.03	24.58	0.00	0.00	0.03	0.00	6.94 Cal:24.67 NOX	
18-Dec-07	15:55:29	0.00	0.03	24.55	0.00	0.00	0.03	0.00	6.93 Cal:24.67 NOX	
18-Dec-07	15:55:39	0.00	0.03	24.49	0.00	0.00	0.03	0.00	6.91 Cal:24.67 NOX	
18-Dec-07	15:55:49	0.00	0.03	24.43	0.00	0.00	0.03	0.00	6.89 Cal:24.67 NOX	
Average:	15:55:50	0.00	0.03	24.51	0.00	0.0000	0.03	0.00	6.92 Cal:24.67 NOX	
Gas Value:	15:55:50	0	0	24.67	0	#N/A	#N/A	#N/A	#N/A 24.67 NOX	
Diff%ofSpan	15:55:50	-0.01%	0.15%	-0.33%	0.00%	#N/A	#N/A	#N/A	#N/A	
18-Dec-07	15:57:29	14.13	6.10	0.49	0.00	0.00	0.00	0.00	0.43 Cal:14.0 O2/6.04 CO2	
18-Dec-07	15:57:39	14.13	6.11	0.51	0.00	0.00	0.00	0.00	0.44 Cal:14.0 O2/6.04 CO2	
18-Dec-07	15:57:49	14.13	6.11	0.56	0.00	0.00	0.00	0.00	0.48 Cal:14.0 O2/6.04 CO2	
18-Dec-07	15:57:59	14.13	6.11	0.59	0.00	0.00	0.00	0.00	0.52 Cal:14.0 O2/6.04 CO2	
Average:	15:58:01	14.13	6.11	0.54	0.00	0.0000	0.00	0.00	0.47 Cal:14.0 O2/6.04 CO2	
Gas Value:	15:58:01	14	6.04	0	0	0	#N/A	#N/A	#N/A 14.0 O2/6.04 CO2	
Diff%ofSpan	15:58:01	0.63%	0.34%	1.14%	0.00%	0.00%	#N/A	#N/A	#N/A	
18-Dec-07	16:00:30	14.50	3.93	24.71	0.00	0.00	0.09	0.00	22.79 RATA RUN 11, 1 POINT	
18-Dec-07	16:01:00	14.50	3.93	24.74	0.00	0.00	0.09	0.00	22.80 RATA RUN 11, 1 POINT	
18-Dec-07	16:01:30	14.50	3.93	24.79	0.00	0.00	0.09	0.00	22.85 RATA RUN 11, 1 POINT	
18-Dec-07	16:02:01	14.50	3.93	24.81	0.00	0.00	0.09	0.00	22.88 RATA RUN 11, 1 POINT	
18-Dec-07	16:02:33	14.50	3.93	24.87	0.00	0.00	0.09	0.00	22.93 RATA RUN 11, 1 POINT	
18-Dec-07	16:03:00	14.50	3.93	24.92	0.00	0.00	0.09	0.00	22.98 RATA RUN 11, 1 POINT	

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Instrumental Reference Method On-Line Data

CT-2 - # 191315

Parameter	LAKE COGENERATION FACILITY					UMITILLA, FLORIDA			Comment2
	Units	SVMX O2	SVMX CO2.00EHNOX	API300ECO	CO-7% O2	NOX-L/M/O2	CO-L/M,O2	NOX	
	%V,d	%V,d	ppmVd	ppmVd	0.00	L/M,D	L/M,D	@15%O2	
18-Dec-07	16:03:30	14.51	3.92	24.96	0.00	0.00	0.09	0.00	23.04 RATA RUN 11, 1 POINT
18-Dec-07	16:04:02	14.51	3.93	24.95	0.00	0.00	0.09	0.00	23.04 RATA RUN 11, 1 POINT
18-Dec-07	16:04:30	14.51	3.93	24.99	0.00	0.00	0.09	0.00	23.06 RATA RUN 11, 1 POINT
18-Dec-07	16:05:00	14.50	3.93	24.99	0.00	0.00	0.09	0.00	23.07 RATA RUN 11, 1 POINT
18-Dec-07	16:05:30	14.50	3.93	24.98	0.00	0.00	0.09	0.00	23.05 RATA RUN 11, 1 POINT
18-Dec-07	16:06:01	14.50	3.93	24.94	0.00	0.00	0.09	0.00	23.01 RATA RUN 11, 1 POINT
18-Dec-07	16:06:30	14.51	3.93	24.90	0.00	0.00	0.09	0.00	22.98 RATA RUN 11, 1 POINT
18-Dec-07	16:07:01	14.51	3.93	24.83	0.00	0.00	0.09	0.00	22.92 RATA RUN 11, 1 POINT
18-Dec-07	16:07:30	14.51	3.92	24.80	0.00	0.00	0.09	0.00	22.88 RATA RUN 11, 1 POINT
18-Dec-07	16:08:00	14.51	3.93	24.78	0.00	0.00	0.09	0.00	22.88 RATA RUN 11, 1 POINT
18-Dec-07	16:08:30	14.51	3.92	24.81	0.00	0.00	0.09	0.00	22.93 RATA RUN 11, 1 POINT
18-Dec-07	16:09:00	14.51	3.93	24.85	0.00	0.00	0.09	0.00	22.95 RATA RUN 11, 1 POINT
18-Dec-07	16:09:31	14.51	3.92	24.86	0.00	0.00	0.09	0.00	22.96 RATA RUN 11, 1 POINT
18-Dec-07	16:10:00	14.51	3.92	24.84	0.00	0.00	0.09	0.00	22.95 RATA RUN 11, 1 POINT
18-Dec-07	16:10:30	14.51	3.92	24.83	0.00	0.00	0.09	0.00	22.93 RATA RUN 11, 1 POINT
18-Dec-07	16:11:00	14.51	3.92	24.78	0.00	0.00	0.09	0.00	22.89 RATA RUN 11, 1 POINT
18-Dec-07	16:11:30	14.51	3.92	24.75	0.00	0.00	0.09	0.00	22.85 RATA RUN 11, 1 POINT
18-Dec-07	16:12:00	14.51	3.93	24.74	0.00	0.00	0.09	0.00	22.85 RATA RUN 11, 1 POINT
18-Dec-07	16:12:30	14.51	3.92	24.71	0.00	0.00	0.09	0.00	22.83 RATA RUN 11, 1 POINT
18-Dec-07	16:13:00	14.51	3.93	24.73	0.00	0.00	0.09	0.00	22.84 RATA RUN 11, 1 POINT
18-Dec-07	16:13:31	14.51	3.93	24.74	0.00	0.00	0.09	0.00	22.84 RATA RUN 11, 1 POINT
18-Dec-07	16:14:00	14.51	3.93	24.79	0.00	0.00	0.09	0.00	22.89 RATA RUN 11, 1 POINT
18-Dec-07	16:14:30	14.51	3.93	24.81	0.00	0.00	0.09	0.00	22.91 RATA RUN 11, 1 POINT
18-Dec-07	16:15:00	14.51	3.93	24.87	0.00	0.00	0.09	0.00	22.95 RATA RUN 11, 1 POINT
18-Dec-07	16:15:30	14.51	3.93	24.89	0.00	0.00	0.09	0.00	22.97 RATA RUN 11, 1 POINT
18-Dec-07	16:16:00	14.51	3.93	24.91	0.00	0.00	0.09	0.00	23.00 RATA RUN 11, 1 POINT
18-Dec-07	16:16:30	14.51	3.93	24.88	0.00	0.00	0.09	0.00	22.97 RATA RUN 11, 1 POINT
18-Dec-07	16:17:00	14.51	3.93	24.88	0.00	0.00	0.09	0.00	22.95 RATA RUN 11, 1 POINT
18-Dec-07	16:17:31	14.50	3.93	24.87	0.00	0.00	0.09	0.00	22.94 RATA RUN 11, 1 POINT
18-Dec-07	16:18:00	14.50	3.93	24.89	0.00	0.00	0.09	0.00	22.95 RATA RUN 11, 1 POINT
18-Dec-07	16:18:30	14.51	3.93	24.90	0.00	0.00	0.09	0.00	22.97 RATA RUN 11, 1 POINT
18-Dec-07	16:19:00	14.51	3.92	24.90	0.00	0.00	0.09	0.00	23.00 RATA RUN 11, 1 POINT
18-Dec-07	16:19:30	14.51	3.93	24.95	0.00	0.00	0.09	0.00	23.02 RATA RUN 11, 1 POINT
18-Dec-07	16:20:00	14.51	3.93	24.92	0.00	0.00	0.09	0.00	23.00 RATA RUN 11, 1 POINT
18-Dec-07	16:20:30	14.51	3.93	24.85	0.00	0.00	0.09	0.00	22.93 RATA RUN 11, 1 POINT
18-Dec-07	16:21:00	14.50	3.93	24.81	0.00	0.00	0.09	0.00	22.89 RATA RUN 11, 1 POINT
Average:	16:21:00	14.51	3.93	24.85	0.00	0.0000	0.09	0.00	22.94 RATA RUN 11, 1 POINT
Maximum	16:21:00	14.51	3.93	24.99	0.00	0.00	0.09	0.00	23.07 RATA RUN 11, 1 POINT
Minimum	16:21:00	14.50	3.92	24.71	0.00	0.00	0.09	0.00	22.79 RATA RUN 11, 1 POINT
Std Dev	16:21:00	0.00	0.00	0.08	0.00	0.00	0.00	0.00	0.07 RATA RUN 11, 1 POINT

AIR CONSULTING AND ENGINEERING, INC.
2106 NW 67th Place, Suite 4, Gainesville, Florida 32653

Instrumental Reference Method On-Line Data

CT-2 - # 191315

LAKE COGENERATION FACILITY

UMITILLA, FLORIDA

Parameter	SVMX O2	SVMX CO2	00EHNOX	API300ECO	CO-7% O2	NOX-L/M,O2	CO-L/M,O2	NOX	Comments	Comment2
Units	%V,d	%V,d	ppmVd	ppmVd	0.00	L/M,D	L/M,D	@15%O2		
18-Dec-07	16:23:30	14.19	5.93	2.89	0.00	0.00	0.01	0.00	2.64 Cal:14.0 O2/6.04 CO2	
18-Dec-07	16:23:39	14.15	6.13	0.70	0.00	0.00	0.00	0.00	0.61 Cal:14.0 O2/6.04 CO2	
18-Dec-07	16:23:49	14.16	6.13	0.69	0.00	0.00	0.00	0.00	0.60 Cal:14.0 O2/6.04 CO2	
18-Dec-07	16:23:59	14.16	6.13	0.66	0.00	0.00	0.00	0.00	0.58 Cal:14.0 O2/6.04 CO2	
18-Dec-07	16:24:09	14.16	6.13	0.66	0.00	0.00	0.00	0.00	0.58 Cal:14.0 O2/6.04 CO2	
18-Dec-07	16:24:19	14.16	6.13	0.66	0.00	0.00	0.00	0.00	0.58 Cal:14.0 O2/6.04 CO2	
18-Dec-07	16:24:29	14.16	6.13	0.65	0.00	0.00	0.00	0.00	0.57 Cal:14.0 O2/6.04 CO2	
Average:	16:24:37	14.16	6.13	0.67	0.00	0.0000	0.00	0.00	0.59 Cal:14.0 O2/6.04 CO2	
Gas Value:	16:24:37	14	6.04	0	0	0	#N/A	#N/A	#N/A 14.0 O2/6.04 CO2	
Diff%ofSpan	16:24:37	0.75%	0.43%	1.42%	0.00%	0.00%	#N/A	#N/A	#N/A	
18-Dec-07	16:26:49	0.00	0.04	24.17	0.00	0.00	0.03	0.00	6.82 Cal:24.67 NOX	
18-Dec-07	16:26:59	0.00	0.04	24.18	0.00	0.00	0.03	0.00	6.83 Cal:24.67 NOX	
18-Dec-07	16:27:09	0.00	0.04	24.18	0.00	0.00	0.03	0.00	6.83 Cal:24.67 NOX	
18-Dec-07	16:27:19	-0.01	0.03	24.19	0.00	0.00	0.03	0.00	6.83 Cal:24.67 NOX	
Average:	16:27:30	0.00	0.04	24.18	0.00	0.0000	0.03	0.00	6.83 Cal:24.67 NOX	
Gas Value:	16:27:30	0	0	24.67	0	#N/A	#N/A	#N/A	#N/A 24.67 NOX	
Diff%ofSpan	16:27:30	-0.01%	0.20%	-1.04%	0.00%	#N/A	#N/A	#N/A	#N/A	
18-Dec-07	16:28:28	-0.01	0.03	24.19	0.00	0.00	0.03	0.00	6.82 R/T	
18-Dec-07	16:28:58	-0.01	0.03	24.20	0.00	0.00	0.03	0.00	6.83 R/T	
Average:	16:28:59	-0.01	0.03	24.19	0.00	0.0000	0.03	0.00	6.83 R/T	
Maximum	16:28:59	-0.01	0.03	24.20	0.00	0.00	0.03	0.00	6.83 R/T	
Minimum	16:28:59	-0.01	0.03	24.19	0.00	0.00	0.03	0.00	6.82 R/T	
Std Dev	16:28:59	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00 R/T	
18-Dec-07	16:29:22	-0.02	0.03	24.16	0.00	0.00	0.03	0.00	6.82 R/T	
18-Dec-07	16:29:32	-0.02	0.03	24.15	0.00	0.00	0.03	0.00	6.81 R/T	
18-Dec-07	16:29:43	-0.02	0.03	24.17	0.00	0.00	0.03	0.00	6.82 R/T	
18-Dec-07	16:29:52	-0.02	0.03	24.18	0.00	0.00	0.03	0.00	6.82 R/T	
18-Dec-07	16:30:02	-0.02	0.02	24.17	0.00	0.00	0.03	0.00	6.82 R/T	
18-Dec-07	16:30:12	-0.02	0.02	24.16	0.00	0.00	0.03	0.00	6.81 R/T	
18-Dec-07	16:30:22	2.40	1.05	24.14	0.00	0.00	0.03	0.00	7.82 R/T	
18-Dec-07	16:30:33	13.10	4.75	24.14	0.00	0.00	0.07	0.00	18.26 R/T	
18-Dec-07	16:30:42	13.59	5.87	22.95	0.00	0.00	0.07	0.00	18.50 R/T	
18-Dec-07	16:30:52	14.03	6.03	13.35	0.00	0.00	0.04	0.00	11.45 R/T	
18-Dec-07	16:31:02	14.10	6.06	3.97	0.00	0.00	0.01	0.00	3.44 R/T	
18-Dec-07	16:31:12	14.11	6.08	1.11	0.00	0.00	0.00	0.00	0.96 R/T	
18-Dec-07	16:31:22	14.12	6.09	0.54	0.00	0.00	0.00	0.00	0.47 R/T	
18-Dec-07	16:31:32	12.57	5.44	0.36	0.00	0.00	0.00	0.00	0.26 R/T	
18-Dec-07	16:31:42	4.38	1.83	0.36	0.00	0.00	0.00	0.00	0.13 R/T	
18-Dec-07	16:31:52	0.71	0.38	6.89	0.00	0.00	0.01	0.00	1.99 R/T	

AIR CONSULTING AND ENGINEERING, INC.
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Instrumental Reference Method On-Line Data

CT-2 - # 191315

Parameter Units	LAKE COGENERATION FACILITY					UMITILLA, FLORIDA			Comment2
	SVMX O2 %V,d	SVMX CO2:0.00EHNOX %V,d	API300ECO ppmVd	CO-7% O2 ppmVd	NOX-L/MO2 0.00	CO-L/M,O2 L/M,D	NOX L/M,D @15%O2		
18-Dec-07 16:32:02	0.11	0.14	14.85	0.00	0.00	0.02	0.00	4.21 R/T	
18-Dec-07 16:32:12	0.02	0.08	23.26	0.00	0.00	0.03	0.00	6.57 R/T	
18-Dec-07 16:32:22	0.00	0.06	23.26	0.00	0.00	0.03	0.00	6.56 R/T	
18-Dec-07 16:32:32	-0.01	0.05	23.81	0.33	0.22	0.03	0.00	6.72 R/T	
18-Dec-07 16:32:42	-0.01	0.05	24.01	0.67	0.44	0.03	0.00	6.77 R/T	
18-Dec-07 16:32:52	-0.01	0.04	24.01	0.68	0.46	0.03	0.00	6.77 R/T	
18-Dec-07 16:33:02	-0.01	0.03	23.91	3.23	2.15	0.03	0.00	6.75 R/T	
18-Dec-07 16:33:12	-0.02	0.03	23.91	9.57	6.36	0.03	0.01	6.74 R/T	
18-Dec-07 16:33:22	-0.02	0.03	16.26	16.39	10.89	0.02	0.01	4.58 R/T	
18-Dec-07 16:33:32	-0.02	0.03	9.29	22.18	14.73	0.01	0.01	2.62 R/T	
18-Dec-07 16:33:43	-0.02	0.03	0.94	26.08	17.33	0.00	0.02	0.27 R/T	
18-Dec-07 16:33:52	-0.02	0.03	0.30	27.93	18.56	0.00	0.02	0.08 R/T	
18-Dec-07 16:34:02	-0.02	0.03	0.29	28.70	19.06	0.00	0.02	0.08 R/T	
18-Dec-07 16:34:12	-0.02	0.03	0.28	29.14	19.36	0.00	0.02	0.08 R/T	
18-Dec-07 16:34:22	-0.03	0.03	0.28	29.38	19.51	0.00	0.02	0.08 R/T	
18-Dec-07 16:34:33	-0.03	0.03	0.20	29.38	19.52	0.00	0.02	0.06 R/T	
18-Dec-07 16:34:42	-0.03	0.03	0.20	29.38	19.52	0.00	0.02	0.06 R/T	
18-Dec-07 16:34:52	-0.03	0.03	0.20	27.53	18.29	0.00	0.02	0.06 R/T	
18-Dec-07 16:35:02	-0.03	0.02	4.66	21.14	14.04	0.01	0.01	1.31 R/T	
18-Dec-07 16:35:12	-0.03	0.02	12.54	14.28	9.48	0.01	0.01	3.53 R/T	
18-Dec-07 16:35:23	-0.03	0.02	23.35	8.32	5.52	0.03	0.01	6.58 R/T	
18-Dec-07 16:35:32	-0.03	0.02	23.89	4.68	3.11	0.03	0.00	6.73 R/T	
18-Dec-07 16:35:42	-0.03	0.02	24.00	2.81	1.86	0.03	0.00	6.77 R/T	
18-Dec-07 16:35:52	-0.02	0.02	24.06	1.95	1.30	0.03	0.00	6.78 R/T	
18-Dec-07 16:36:02	4.29	1.91	24.12	1.72	1.48	0.03	0.00	8.83 R/T	
18-Dec-07 16:36:12	11.74	5.18	24.12	1.33	2.01	0.06	0.00	15.79 R/T	
18-Dec-07 16:36:22	13.76	5.93	18.75	0.79	1.54	0.06	0.00	15.41 R/T	
18-Dec-07 16:36:32	14.06	6.04	11.05	0.72	1.46	0.04	0.00	9.53 R/T	
18-Dec-07 16:36:43	14.10	6.07	1.78	0.68	1.38	0.01	0.00	1.55 R/T	
18-Dec-07 16:36:52	14.10	6.08	0.39	0.63	1.28	0.00	0.00	0.34 R/T	
18-Dec-07 16:37:02	10.01	4.30	0.39	0.60	0.81	0.00	0.00	0.23 R/T	
18-Dec-07 16:37:12	2.33	0.99	0.39	3.60	2.61	0.00	0.00	0.13 R/T	
18-Dec-07 16:37:22	0.32	0.23	0.39	10.36	6.99	0.00	0.01	0.11 R/T	
18-Dec-07 16:37:32	0.03	0.10	0.39	17.34	11.55	0.00	0.01	0.11 R/T	
18-Dec-07 16:37:43	0.00	0.07	0.35	23.19	15.42	0.00	0.02	0.10 R/T	
18-Dec-07 16:37:52	-0.01	0.05	0.34	26.71	17.75	0.00	0.02	0.09 R/T	
18-Dec-07 16:38:02	0.05	0.05	0.32	28.57	19.04	0.00	0.02	0.09 R/T	
18-Dec-07 16:38:12	7.80	0.05	0.30	28.73	34.29	0.00	0.03	0.15 R/T	
18-Dec-07 16:38:22	18.16	0.07	0.27	24.79	169.76	0.00	0.17	0.83 R/T	
18-Dec-07 16:38:33	20.73	0.07	0.26	17.72	5,672.85	0.14	5.73	36.33 R/T	

AIR CONSULTING AND ENGINEERING, INC.
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Instrumental Reference Method On-Line Data

CT-2 - # 191315

LAKE COGENERATION FACILITY

UMITILLA, FLORIDA

Parameter Units	SVMX O2 %V,d	SVMX CO2:00EHNOX %V,d	API300ECO ppmVd	CO-7% O2 ppmVd	NOX-L/M/O2 0.00	CO-L/M,O2 L/M,D	NOX L/M,D @15%O2	Comments	Comment2
18-Dec-07	16:38:42	21.12	0.07	0.24	11.34	-540.06	-0.02	-0.55	-5.85 R/T
18-Dec-07	16:38:52	21.13	0.07	0.22	6.68	-399.16	-0.02	-0.40	-5.66 R/T
18-Dec-07	16:39:02	21.14	0.07	0.18	3.87	-220.11	-0.02	-0.22	-4.45 R/T
18-Dec-07	16:39:12	21.15	0.07	0.17	2.45	-136.61	-0.02	-0.14	-4.13 R/T
18-Dec-07	16:39:23	21.16	0.06	0.17	1.91	-104.18	-0.01	-0.11	-3.82 R/T
18-Dec-07	16:39:32	21.15	0.06	0.14	1.65	-90.77	-0.01	-0.09	-3.35 R/T
Average:	16:39:41	21.16	0.07	0.17	8.86	75.6619	0.02	0.08	4.15 R/T
Maximum	16:39:41	21.16	6.09	24.18	29.38	5,672.85	0.14	5.73	36.33 R/T
Minimum	16:39:41	-0.03	0.02	0.14	0.00	-540.06	-0.02	-0.55	-5.85 R/T
Std Dev	16:39:41	7.87	2.31	10.90	11.22	728.78	0.03	0.74	6.72 R/T

APPENDIX D

QUALITY ASSURANCE

AIR CONSULTING AND ENGINEERING, INC.
2106 NW 67th Place, Suite 4, Gainesville, Florida 32653

REFERENCE METHOD INITIAL LINEARITY TEST RECORD

CT-1 - # 191235

LAKE COGENERATION FACILITY

UMITILLA, FLORIDA

19-Dec-07

RELATIVE ACCURACY

RM METHOD:	20-7E	RM METHOD:	3A
GAS I.D.	NOx	GAS I.D.	O2
CEM:	ECO 70S	CEM:	SERVOMEX 1440
RANGE:	50 PPM	RANGE:	25 %

<u>GAS VALUE</u>	<u>RESPONSE</u>	<u>DIFF.</u>	<u>% RANGE</u>	<u>GAS VALUE</u>	<u>RESPONSE</u>	<u>DIFF.</u>	<u>% RANGE</u>
47.32	47.32	0	0	20.9	20.97	0.07	0.28
24.67	24.72	0.05	0.1	14	14.06	0.06	0.24
0	-0.31	-0.31	-0.62	0	-0.08	-0.08	-0.32

RELATIVE ACCURACY

RM METHOD:	10	RM METHOD:	3A
GAS I.D.	CO	GAS I.D.	CO2
CEM:	TECO 48C	CEM:	SERVOMEX 1440
RANGE:	100 PPM	RANGE:	20 %

<u>GAS VALUE</u>	<u>RESPONSE</u>	<u>DIFF.</u>	<u>% RANGE</u>	<u>GAS VALUE</u>	<u>RESPONSE</u>	<u>DIFF.</u>	<u>% RANGE</u>
44.92	44.99	0.07	0.14	6.04	6.03	-0.01	-0.02
28.8	28.14	-0.66	-1.32	0	0	0	0
0	0.1	0.1	0.2				

AIR CONSULTING AND ENGINEERING, INC.
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TRAVERSE POINT TABLE
CT-1 - # 191235
LAKE COGENERATION FACILITY
UMITILLA, FLORIDA
DECEMBER 19, 2007

POINTS TABLE

POINT	DATE	START	STOP	RUN 1, PORT 1				% STRATIFICATION PER POINT			
				O2	CO2	NOXPPM	COPPM	O2	CO2	NOX	CO
PORT 1, RUN 1-F				14.44	3.81	27.13	28.085	0.01	0.02	1.74	1.19
				14.45	3.81	27.14	28.359	0.05	0.03	1.76	0.23
				14.44	3.80	26.25	28.494	0.04	0.04	1.59	0.25
				14.44	3.81	26.50	28.452	0.02	0.09	0.66	0.10
				14.44	3.80	26.49	28.624	0.01	0.05	0.69	0.70
				14.43	3.81	26.52	28.530	0.05	0.01	0.56	0.37
PORT 1, RUN 1-F											
RUN AVG	1/0/00	0:00:00	0:00:00	14.44	3.81	26.67	28.4240	YES	YES	YES	Points within 10% (YES = Sample 3 Points)
								YES	YES	YES	Points within 5% (YES = Sample 1 Point)

POINT	DATE	START	STOP	RUN 2, PORT 2				% STRATIFICATION PER POINT			
				O2	CO2	NOXPPM	COPPM	O2	CO2	NOX	CO
PORT 2 RUN 1-F				14.42	3.82	27.47	27.54	-0.09	0.17	1.90	-0.35
				14.41	3.82	27.23	27.56	-0.13	0.27	0.99	-0.28
				14.42	3.82	26.86	27.63	-0.08	0.22	-0.36	-0.03
				14.45	3.80	26.66	27.86	0.12	-0.22	-1.13	0.78
				14.45	3.80	26.67	27.65	0.13	-0.29	-1.06	0.03
				14.44	3.80	26.87	27.60	0.05	-0.15	-0.34	-0.15
PORT 2 RUN 1-F											
RUN AVG	1/0/00	0:00:00	0:00:00	14.43	3.81	26.96	27.64	YES	YES	YES	Points within 10% (YES = Sample 3 Points)
								YES	YES	YES	Points within 5% (YES = Sample 1 Point)

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DRIFT and ERROR CALCULATION

CT-1 - # 191235

LAKE COGENERATION FACILITY
UMITILLA, FLORIDA
DECEMBER 19, 2007

Analyzer Calibration Error = Eq. 7E-1 (non dilution systems)
 System Bias = Eq. 7E-2 (non dilution systems)
 System Calibration Error = Eq. 7E-3 (dilution systems)(error&bias)
 Drift Assessment = Eq. 7E-4
 Span = High Calibration Gas

Analyzer 3 Point Calibration Error										
Parameter	Method	Analyzer Mfg/Model		Units	Span	Additional Bias Gas				
						Cal Gas Value:	14	20.90	5.949	0
O2	3A	Servomex 1400	%	20.90		Analyzer Response:	#REF!	#REF!	#REF!	#REF!
						Cal Error % Span:	#REF!	#REF!	#REF!	#REF!
CO2	3A	Servomex 1400	%	19.99		Cal Gas Value:	14.05	19.99	5.914	0
						Analyzer Response:	#REF!	#REF!	#REF!	0.01
						Cal Error % Span:	#REF!	#REF!	#REF!	0.05
NOX	7E	Eco Physics CLD 70S	ppmDry	453.00		Cal Gas Value:	NA	453.00	241	0
						Analyzer Response:	NA	99.98	49.97	0.18
						Cal Error % Span:	#VALUE!	-77.93	-42.17	0.04

Analyzer Drift and Bias												
Run Number	Parameter	Upscale	Pre Run		Post Run		Drift over Run		Pre Run System		Post Run System	
		Bias Value	Bias upscale	Cal Response Zero	Bias upscale	Cal Response Zero	% Span upscale	Zero	Bias upscale	% Span Zero	Bias upscale	% Span Zero
1	O2	5.95	13.99	0.02	13.99	-0.01	-0.01	-0.14	38.47	#REF!	38.46	#REF!
	CO2	14.05	6.01	0.04	6.02	0.02	0.06	-0.12	-40.22	0.17	-40.15	0.05
	NOX	241	28.62	0.22	49.92	0.24	4.70	0.00	-46.88	0.01	-42.18	0.01
2	O2	#REF!	13.99	-0.01	13.97	0.02	-0.10	0.15	#REF!	#REF!	#REF!	#REF!
	CO2	#REF!	6.02	0.02	6.01	0.03	-0.07	0.06	#REF!	0.05	#REF!	0.12
	NOX	49.97	49.95	0.22	49.92	0.24	-0.01	0.00	0.00	0.01	-0.01	0.01
3	O2	#REF!	13.97	0.02	9.93	-0.01	-19.32	-0.17	#REF!	#REF!	#REF!	#REF!
	CO2	#REF!	10.11	0.04	9.93	0.02	-0.88	-0.07	#REF!	0.14	#REF!	0.07
	NOX	49.97	49.95	0.22	49.92	0.24	-0.01	0.00	0.00	0.01	-0.01	0.01
4	O2	#REF!	10.11	0.02	9.93	-0.01	-0.84	-0.17	#REF!	#REF!	#REF!	#REF!
	CO2	#REF!	10.11	0.04	9.93	0.02	-0.88	-0.07	#REF!	0.14	#REF!	0.07
	NOX	49.97	49.95	0.22	49.92	0.24	-0.01	0.00	0.00	0.01	-0.01	0.01

AIR CONSULTING AND ENGINEERING, INC.
2106 NW 67th Place, Suite 4, Gainesville, Florida 32653

DRIFT and ERROR CALCULATION

CT-1 - # 191235

LAKE COGENERATION FACILITY

UMITILLA, FLORIDA

DECEMBER 19, 2007

Analyzer Calibration Error = Eq. 7E-1 (non dilution systems)

System Bias = Eq. 7E-2 (non dilution systems)

System Calibration Error = Eq. 7E-3 (dilution systems)(error&bias)

Drift Assessment = Eq. 7E-4

	O2	#REF!	10.11	0.02	9.93	-0.01	-0.84	-0.17	#REF!	#REF!	#REF!	#REF!
5	CO2	#REF!	10.11	0.04	9.93	0.02	-0.88	-0.07	#REF!	0.14	#REF!	0.07
	NOX	49.97	49.95	0.22	49.92	0.24	-0.01	0.00	0.00	0.01	-0.01	0.01
	O2	#REF!	10.11	0.02	9.93	-0.01	-0.84	-0.17	#REF!	#REF!	#REF!	#REF!
6	CO2	#REF!	10.11	0.04	9.93	0.02	-0.88	-0.07	#REF!	0.14	#REF!	0.07
	NOX	49.97	49.95	0.22	49.92	0.24	-0.01	0.00	0.00	0.01	-0.01	0.01
	O2	#REF!	10.11	0.02	9.93	-0.01	-0.84	-0.17	#REF!	#REF!	#REF!	#REF!
7	CO2	#REF!	10.11	0.04	9.93	0.02	-0.88	-0.07	#REF!	0.14	#REF!	0.07
	NOX	49.97	49.95	0.22	49.92	0.24	-0.01	0.00	0.00	0.01	-0.01	0.01
	O2	#REF!	10.11	0.02	9.93	-0.01	-0.84	-0.17	#REF!	#REF!	#REF!	#REF!
8	CO2	#REF!	10.11	0.04	9.93	0.02	-0.88	-0.07	#REF!	0.14	#REF!	0.07
	NOX	49.97	49.95	0.22	49.92	0.24	-0.01	0.00	0.00	0.01	-0.01	0.01
	O2	#REF!	10.11	0.02	9.93	-0.01	-0.84	-0.17	#REF!	#REF!	#REF!	#REF!
9	CO2	#REF!	10.11	0.04	9.93	0.02	-0.88	-0.07	#REF!	0.14	#REF!	0.07
	NOX	49.97	49.95	0.22	49.92	0.24	-0.01	0.00	0.00	0.01	-0.01	0.01
	O2	#REF!	10.11	0.02	9.93	-0.01	-0.84	-0.17	#REF!	#REF!	#REF!	#REF!
10	CO2	#REF!	10.11	0.04	9.93	0.02	-0.88	-0.07	#REF!	0.14	#REF!	0.07
	NOX	49.97	49.95	0.22	49.92	0.24	-0.01	0.00	0.00	0.01	-0.01	0.01
	O2	#REF!	10.11	0.02	9.93	-0.01	-0.84	-0.17	#REF!	#REF!	#REF!	#REF!
11	CO2	#REF!	10.11	0.04	9.93	0.02	-0.88	-0.07	#REF!	0.14	#REF!	0.07
	NOX	49.97	49.95	0.22	49.92	0.24	-0.01	0.00	0.00	0.01	-0.01	0.01
	O2	#REF!	10.11	0.02	9.93	-0.01	-0.84	-0.17	#REF!	#REF!	#REF!	#REF!
12	CO2	#REF!	10.11	0.04	9.93	0.02	-0.88	-0.07	#REF!	0.14	#REF!	0.07
	NOX	49.97	49.95	0.22	49.92	0.24	-0.01	0.00	0.00	0.01	-0.01	0.01

AIR CONSULTING AND ENGINEERING, INC.
2106 NW 67th Place, Suite 4, Gainesville, Florida 32653

REFERENCE METHOD INITIAL LINEARITY TEST RECORD

**COMBUSTION TURBINE CT-2
LAKE COGENERATION FACILITY
UMITILLA, FLORIDA**

18-Dec-07

RELATIVE ACCURACY

RM METHOD:	20-7E			RM METHOD:	3A		
GAS I.D.	NOx			GAS I.D.	O2		
CEM:	ECO 70S			CEM:	SERVOMEX 1440		
RANGE:	50 PPM			RANGE:	25 %		
<u>GAS VALUE</u>	<u>RESPONSE</u>	<u>DIFF.</u>	<u>% RANGE</u>	<u>GAS VALUE</u>	<u>RESPONSE</u>	<u>DIFF.</u>	<u>% RANGE</u>
47.32	47.31	-0.01	-0.02	20.9	20.72	-0.18	-0.72
24.67	24.14	-0.53	-1.06	14	13.99	-0.01	-0.04
0	-0.03	-0.03	-0.06	0	-0.08	-0.08	-0.32

RELATIVE ACCURACY

RM METHOD:	10			RM METHOD:	3A		
GAS I.D.	CO			GAS I.D.	CO2		
CEM:	TECO 48C			CEM:	SERVOMEX 1440		
RANGE:	100 PPM			RANGE:	20 %		
<u>GAS VALUE</u>	<u>RESPONSE</u>	<u>DIFF.</u>	<u>% RANGE</u>	<u>GAS VALUE</u>	<u>RESPONSE</u>	<u>DIFF.</u>	<u>% RANGE</u>
44.92	45.32	0.4	0.8	6.04	6.02	-0.02	-0.04
28.8	28.61	-0.19	-0.38	0	0	0	0
0	-0.18	-0.18	-0.36				

AIR CONSULTING AND ENGINEERING, INC.
2106 NW 67th Place, Suite 4, Gainesville, Florida 32653

TRAVERSE POINT TABLE
CT-2 - # 191315
LAKE COGENERATION FACILITY
UMITILLA, FLORIDA
DECEMBER 18, 2007

POINTS TABLE

POINT	DATE	START	STOP	RUN 1-F, PORT 1				% STRATIFICATION PER POINT			CO	
				O2	CO2	NOXPPM	COPPM	O2	CO2	NOX		
PORT 1, RUN 1-F				14.58	3.88	26.08	26.890	0.10	0.25	7.04	1.47	
				14.56	3.89	25.01	26.880	0.00	0.07	2.65	1.51	
				14.56	3.89	24.22	27.173	0.01	0.04	0.57	0.44	
				14.56	3.89	23.12	27.641	0.01	0.02	5.09	1.28	
				14.56	3.90	23.66	27.710	0.04	0.11	2.87	1.53	
				14.55	3.90	24.08	27.456	0.08	0.23	1.18	0.60	
PORT 1, RUN 1-F												
RUN AVG 1/0/00 0:00:00 #####				14.56	3.89	24.36	27.2917	YES YES	YES YES	YES NO	Points within 10% Points within 5%	(YES = Sample 3 Points) (YES = Sample 1 Point)

POINT	DATE	START	STOP	RUN 1-F, PORT 2				% STRATIFICATION PER POINT			CO	
				O2	CO2	NOXPPM	COPPM	O2	CO2	NOX		
PORT 2 RUN 1-F				14.57	3.88	24.36	27.99	-0.05	-0.02	3.58	0.15	
				14.57	3.88	23.96	27.84	-0.01	-0.03	1.86	-0.40	
				14.57	3.88	23.37	27.88	0.01	0.02	-0.61	-0.26	
				14.58	3.88	22.74	28.02	0.04	0.01	-3.30	0.24	
				14.57	3.88	23.16	28.03	0.01	0.02	-1.53	0.27	
PORT 2 RUN 1-F												
RUN AVG 1/0/00 0:00:00 #####				14.57	3.88	23.52	27.95	YES YES	YES YES	YES YES	Points within 10% Points within 5%	(YES = Sample 3 Points) (YES = Sample 1 Point)

AIR CONSULTING AND ENGINEERING, INC.
2106 NW 67th Place, Suite 4, Gainesville, Florida 32653

**TRAVERSE POINT TABLE
CT-2 - # 191315
LAKE COGENERATION FACILITY
UMITILLA, FLORIDA
DECEMBER 18, 2007**

RUN 3, PORT 1							% STRATIFICATION PER POINT			CO 0.22 < 3 PPM		
POINT	DATE	START	STOP	O2	CO2	NOX	CO	O2	NOX	NOX		
PORT 1, RUN 3	6			14.58	3.89	24.12	27.90	-0.06	-0.12	2.44	0.06	#
	5			14.59	3.89	23.85	27.84	0.02	-0.10	1.31	-0.10	#
	4			14.59	3.89	23.34	27.99	0.04	-0.06	-0.88	0.43	
	3			14.58	3.90	23.53	27.82	-0.03	0.07	-0.06	-0.20	
	2			14.59	3.90	22.94	27.78	0.02	0.06	-2.58	-0.35	
	1			14.58	3.90	23.49	27.91	0.00	0.14	-0.23	0.13	
RUN AVG 1/0/00 0:00:00 ##### 14.58 3.89 23.55 27.87							YES	YES	YES	Points within 10%	(YES = Sample 3 Points)	
DIFF. FROM AVG.							YES	YES	YES	Points within 5%	(YES = Sample 1 Point)	

AIR CONSULTING AND ENGINEERING, INC.
2106 NW 67th Place, Suite 4, Gainesville, Florida 32653

CT-2 - # 191315

LAKE COGENERATION FACILITY
UMITILLA, FLORIDA
DECEMBER 18, 2007

Analyzer Calibration Error = Eq. 7E-1 (non dilution systems)
System Bias = Eq. 7E-2 (non dilution systems)
System Calibration Error = Eq. 7E-3 (dilution systems)(error&bias)
Drift Assessment = Eq. 7E-4
Span = High Calibration Gas

Analyzer 3 Point Calibration Error									
Parameter	Method	Analyzer Mfg/Model	Units	Span		Additional Bias Gas	High	Mid	Low
O2	3A	Servomex 1400	%	20.90	Cal Gas Value: 14 Analyzer Response: #REF! Cal Error % Span: #REF!	20.90	5.949	0	
CO2	3A	Servomex 1400	%	19.99	Cal Gas Value: 14.05 Analyzer Response: #REF! Cal Error % Span: #REF!	19.99	5.914	0	
NOX	7E	Eco Physics CLD 70S	ppmDry	453.00	Cal Gas Value: NA Analyzer Response: NA Cal Error % Span: #VALUE!	453.00	241	0	
						99.98	49.97	0.18	
						-77.93	-42.17	0.04	

Analyzer Drift and Bias												
Run Number	Parameter	Upscale	Pre Run		Post Run		Drift over Run		Pre Run System		Post Run System	
		Bias Value	Bias Upscale	Cal	Response	Bias Upscale	Cal	Response	% Span	Bias Upscale	% Span	Bias Upscale
1	O2	5.95	14.05	-0.03	14.19	-0.01	0.66	0.07	38.75	#REF!	39.42	#REF!
	CO2	14.05	6.02	0.01	6.09	0.02	0.35	0.08	-40.18	-0.01	-39.84	0.07
	NOX	241	29.39	0.22	49.92	0.24	4.53	0.00	-46.71	0.01	-42.18	0.01
2	O2	#REF!	14.19	-0.01	14.15	-0.02	-0.18	-0.03	#REF!	#REF!	#REF!	#REF!
	CO2	#REF!	6.09	0.02	6.09	0.03	0.01	0.00	#REF!	0.07	#REF!	0.08
	NOX	49.97	49.95	0.22	49.92	0.24	-0.01	0.00	0.00	0.01	-0.01	0.01
3	O2	#REF!	14.15	0.02	9.93	-0.01	-20.19	-0.17	#REF!	#REF!	#REF!	#REF!
	CO2	#REF!	10.11	0.04	9.93	0.02	-0.88	-0.07	#REF!	0.14	#REF!	0.07
	NOX	49.97	49.95	0.22	49.92	0.24	-0.01	0.00	0.00	0.01	-0.01	0.01
4	O2	#REF!	10.11	0.02	9.93	-0.01	-0.84	-0.17	#REF!	#REF!	#REF!	#REF!
	CO2	#REF!	10.11	0.04	9.93	0.02	-0.88	-0.07	#REF!	0.14	#REF!	0.07
	NOX	49.97	49.95	0.22	49.92	0.24	-0.01	0.00	0.00	0.01	-0.01	0.01

AIR CONSULTING AND ENGINEERING, INC.
2106 NW 67th Place, Suite 4, Gainesville, Florida 32653

CT-2 - # 191315

LAKE COGENERATION FACILITY
UMITILLA, FLORIDA
DECEMBER 18, 2007

			Analyzer Calibration Error = Eq. 7E-1 (non dilution systems)											
			System Bias = Eq. 7E-2 (non dilution systems)											
			System Calibration Error = Eq. 7E-3 (dilution systems)(error&bias)											
	O2	#REF!	10.11	0.02	9.93	-0.01	-0.84	-0.17	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!
5	CO2	#REF!	10.11	0.04	9.93	0.02	-0.88	-0.07	#REF!	0.14	#REF!	0.07		
	NOX	49.97	49.95	0.22	49.92	0.24	-0.01	0.00	0.00	0.01	-0.01	0.01		
	O2	#REF!	10.11	0.02	9.93	-0.01	-0.84	-0.17	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!
6	CO2	#REF!	10.11	0.04	9.93	0.02	-0.88	-0.07	#REF!	0.14	#REF!	0.07		
	NOX	49.97	49.95	0.22	49.92	0.24	-0.01	0.00	0.00	0.01	-0.01	0.01		
	O2	#REF!	10.11	0.02	9.93	-0.01	-0.84	-0.17	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!
7	CO2	#REF!	10.11	0.04	9.93	0.02	-0.88	-0.07	#REF!	0.14	#REF!	0.07		
	NOX	49.97	49.95	0.22	49.92	0.24	-0.01	0.00	0.00	0.01	-0.01	0.01		
	O2	#REF!	10.11	0.02	9.93	-0.01	-0.84	-0.17	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!
8	CO2	#REF!	10.11	0.04	9.93	0.02	-0.88	-0.07	#REF!	0.14	#REF!	0.07		
	NOX	49.97	49.95	0.22	49.92	0.24	-0.01	0.00	0.00	0.01	-0.01	0.01		
	O2	#REF!	10.11	0.02	9.93	-0.01	-0.84	-0.17	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!
9	CO2	#REF!	10.11	0.04	9.93	0.02	-0.88	-0.07	#REF!	0.14	#REF!	0.07		
	NOX	49.97	49.95	0.22	49.92	0.24	-0.01	0.00	0.00	0.01	-0.01	0.01		
	O2	#REF!	10.11	0.02	9.93	-0.01	-0.84	-0.17	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!
10	CO2	#REF!	10.11	0.04	9.93	0.02	-0.88	-0.07	#REF!	0.14	#REF!	0.07		
	NOX	49.97	49.95	0.22	49.92	0.24	-0.01	0.00	0.00	0.01	-0.01	0.01		
	O2	#REF!	10.11	0.02	9.93	-0.01	-0.84	-0.17	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!
11	CO2	#REF!	10.11	0.04	9.93	0.02	-0.88	-0.07	#REF!	0.14	#REF!	0.07		
	NOX	49.97	49.95	0.22	49.92	0.24	-0.01	0.00	0.00	0.01	-0.01	0.01		
	O2	#REF!	10.11	0.02	9.93	-0.01	-0.84	-0.17	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!
12	CO2	#REF!	10.11	0.04	9.93	0.02	-0.88	-0.07	#REF!	0.14	#REF!	0.07		
	NOX	49.97	49.95	0.22	49.92	0.24	-0.01	0.00	0.00	0.01	-0.01	0.01		

CERTIFICATE OF ANALYSIS Grade of Product: EPA Protocol

Airgas Specialty Gases
1075 Cinclare Drive
Port Allen, LA 70787
(225) 383-0900
FAX: (225) 383-0959
www.alrgas.com

Part Number: E03NI80E15A01E2
Cylinder Number: XC024021B
Laboratory: ASG - Port Allen - LA
Analysis Date: Mar 22, 2007

Reference Number: 83-124090518-14
Cylinder Volume: 149 Cu.Ft.
Cylinder Pressure: 2015 PSIG
Valve Outlet:

Expiration Date: Mar 22, 2010

Certification performed in accordance with "EPA Traceability Protocol (Sept, 1997)" using the assay procedures listed. Analytical Methodology does not require correction for analytical interferences. This cylinder has a total analytical uncertainty as stated below with a confidence level of 95%. There are no significant impurities which affect the use of this calibration mixture. All concentrations are on a volume/volume basis unless otherwise noted.
Do Not Use This Cylinder below 150 psig, i.e. 1 Mega Pascal

ANALYTICAL RESULTS				
Component	Requested/Spec'd	Actual/Concentration	Protocol/Method	Total Relative Uncertainty
CARBON DIOXIDE	14.000	14.000	G1521 NIST Traceable	±0.1%
OXYGEN	76.000	76.000	G1521 NIST Traceable	±0.1%
NITROGEN	14.000	14.000	G1521 NIST Traceable	±0.1%
BALANCE				

CALIBRATION STANDARDS				
Type	Lot ID	Cylinder No.	Concentration	Expiration Date
ENRM	06060528	GC207935	22.51% OXYGEN/NITROGEN	May 01, 2010
ENRM	070604	XC0183959	11.689% CARBON DIOXIDE/NITROGEN	June 01, 2008
ANALYTICAL EQUIPMENT				
Instrument/Make/Model	Analytical Principle		Last Multipoint Calibration	
SD22GM	Non-dispersive Infrared		Mar 05, 2007	
SD2GH	Paramagnetic		Feb 27, 2007	

Triad Data Available Upon Request

Notes:



QA Approval

BEST AVAILABLE COPY

Airgas

Certificate of Analysis: EPA Protocol Gas Mixture

Cylinder Number: CC212094 Reference Number: 82-124079806-1

Cylinder Pressure: 2000.6 PSIG Expiration Date: 11/14/2008

Certification Date: 11/14/2006 Laboratory: ASG - Riverton - NJ

Airgas Specialty Gases
600 Union Landing Road
Riverton, NJ 08077
(856) 829-7878
Fax (856) 829-0571
www.airgas.com

Certified Concentrations

Component	Concentration	Accuracy	Analytical Principle	Procedure
NITRIC OXIDE	24.38 PPM	+/- 1%	Chemiluminescence	G
NITROGEN	Balance			T

Total oxides of nitrogen 24.67 PPM

Certification performed in accordance with "EPA Traceability Protocol (Sept. 1997)" using the assay procedures listed.
Analytical Methodology does not require correction for analytical interferences.

Notes: NOx - 1st analysis = 24.69 ppm - 11/7/2006

NOx - 2nd analysis = 24.64 ppm - 11/14/2006

Analytical accuracy = +/- 1% Relative

Analytical principle = Chemiluminescence

Standard = NTRM, XC019167B = 20.18ppm NOx/N2

Do not use cylinder below 150 psig.

Approval Signature 

Reference Standard Information

Type	Balance Gas	Component	Cyl.Number	Concentration
NTRM 82629	NITROGEN	NITRIC OXIDE	XC019167B	20.13 PPM

Analytical Results

1st Component **NITRIC OXIDE**

1st Analysis Date: 11/07/2006			
R 2.013	S 2.447	Z -0.003	Conc 24.46 PPM
S 2.448	Z 0.000	R 2.023	Conc 24.35 PPM
Z -0.001	R 2.025	S 2.449	Conc 24.34 PPM
			AVG: 24.38 PPM

2nd Analysis Date: 11/14/2006

2nd Analysis Date: 11/14/2006			
R 2.019	S 2.439	Z -0.005	Conc 24.31 PPM
S 2.436	Z -0.003	R 2.022	Conc 24.24 PPM
Z -0.002	R 2.024	S 2.439	Conc 24.25 PPM
			AVG: 24.26 PPM

Airgas

Certificate of Analysis: EPA Protocol Gas Mixture

Cylinder Number: CC202106 Reference Number: 82-124072390-3
 Cylinder Pressure: 2000.6 PSIG Expiration Date: 8/21/2008
 Certification Date: 8/21/2006 Laboratory: ASG - Riverton - NJ

Airgas Specialty Gases
 600 Union Landing Road
 Riverton, NJ 08077
 (856) 829-7973
 Fax (856) 829-0571
www.airgas.com

Certified Concentrations

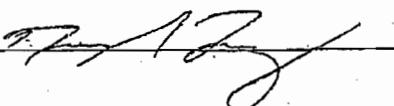
Component	Concentration	Accuracy	Analytical Principle	Procedure
NITRIC OXIDE	47.31 PPM	+/- 1%	HPR	G
NITROGEN	Balance			

Total oxides of nitrogen 47.32 PPM

Certification performed in accordance with "EPA Traceability Protocol (Sept. 1997)" using the assay procedures listed.
 Analytical Methodology does not require correction for analytical interferences.

Notes:

Do not use cylinder below 150 psig.

Approval Signature 

Reference Standard Information

Type	Balance Gas	Component	Cyl.Number	Concentration
NTRM 060604	NITROGEN	NITRIC OXIDE	CC208030	93.2 PPM

Analytical Results

1st Component NITRIC OXIDE

1st Analysis Date: 08/14/2006

R 1.094	S 0.562	Z -0.000	Conc 47.12 PPM
S 0.560	Z -0.001	R 1.092	Conc 47.08 PPM
Z -0.001	R 1.089	S 0.561	Conc 47.23 PPM
			AVG: 47.13 PPM

2nd Analysis Date: 08/21/2006

R 1.099	S 0.568	Z 0.001	Conc 47.46 PPM
S 0.567	Z 1.098	R 1.098	Conc 47.36 PPM
Z -0.002	R 1.100	S 0.571	Conc 47.67 PPM
			AVG: 47.49 PPM

Liquid Technology Corporation

Industry Leader in Specialty Gases, Equipment and Service

Certificate of Analysis - EPA PROTOCOL GAS -

Customer LAKE COGEN, LTD (Umatilla, FL)
Date November 20, 2007
Delivery Receipt DR-20438
Gas Standard 5.00% Oxygen/Nitrogen - EPA PROTOCOL
Final Analysis Date November 12, 2007
Expiration Date November 12, 2010

DO NOT USE BELOW 150 psig

Cylinder Data
Cylinder Serial Number: CC-125626 Cylinder Outlet: CGA 590
Cylinder Volume: 140 Cubic Feet Cylinder Pressure: 2000 psig, 70 F
Expiration Date: November 12, 2010

Analytical Data
EPA Protocol, Section No. 2.2, Procedure G-1

Replicate Concentrations
Oxygen: 5.02% +/- 0.05%
Nitrogen: Balance

Reference Standard(s):
SRM/GMIS: GMIS GMIS
Cylinder Number: CC-115999 CC-166423
Concentration: 4.92% Oxygen/Nitrogen 10.1% Oxygen/Nitrogen
Expiration Date: April 01, 2011 June 03, 2011

Certification Instrumentation
Component: Oxygen
Make/Model: Servomex 244a
Serial Number: 1847
Principal of Measurement: Paramagnetic
Last Calibration: November 07, 2007

Analytical uncertainty and NIST Traceability are in compliance with EPA-600/R-97/121.

Certified by: November 20, 2007
Date:

Unmatched Excellence

Liquid Technology Corporation

Industry Leader in Specialty Gases, Equipment and Service

Certificate of Analysis - EPA PROTOCOL GAS -

Customer LAKE COGEN, LTD (Umatilla, FL)
Date November 20, 2007
Delivery Receipt DR-20438
Gas Standard 11.00% Oxygen/Nitrogen - EPA PROTOCOL
Final Analysis Date November 12, 2007
Expiration Date November 12, 2010

DO NOT USE BELOW 150 psig

Cylinder Data
Cylinder Serial Number: CC-88821
Cylinder Volume: 140 Cubic Feet
Expiration Date: November 12, 2010

Cylinder Outlet: CGA 590
Cylinder Pressure: 2000 psig, 70°F

Analytical Data
EPA Protocol, Section No. 2.2, Procedure G-1

Replicate Concentrations
Oxygen: 11.07% +/- 0.11%
Nitrogen: Balance

Reference Standard(s):
SRM/GMIS: GMIS GMIS
Cylinder Number: CC-166423 CC-184208
Concentration: 10.1% Oxygen/Nitrogen 21.04% Oxygen/Nitrogen
Expiration Date: June 03, 2011 March 10, 2009

Certification Instrumentation
Component: Oxygen
Make/Model: Servomex 244a
Serial Number: 1847
Principal of Measurement: Paramagnetic
Last Calibration: November 07, 2007

Analytical uncertainty and NIST Traceability are in compliance with EPA-600/R-97/121.

Certified by: Luther L. Peltz
Date: November 20, 2007

Unmatched Excellence

Liquid Technology Corporation

Industry Leader in Specialty Gases, Equipment and Service

Certificate of Analysis

- EPA PROTOCOL GAS -

<u>Customer</u>	LAKE COGEN, LP (Umatilla, Florida)
<u>Date</u>	November 20, 2007
<u>Delivery Receipt</u>	DR-20438
<u>Gas Standard</u>	165.0 ppm Nitric Oxide (NOx)/Nitrogen - EPA PROTOCOL
<u>Final Analysis Date</u>	November 20, 2007
<u>Expiration Date</u>	November 20, 2009

DO NOT USE BELOW 150 psig

Cylinder Data

Cylinder Serial Number:	CC-184185	Cylinder Outlet:	CGA 660
Cylinder Volume:	140 Cubic Feet	Cylinder Pressure:	2000 psig, 70°F
Expiration Date:	November 20, 2009		

Analytical Data

EPA Protocol, Section No. 2.2, Procedure G-1

Replicate Concentrations

Nitric Oxide: 162.9 ppm +/- 1.6 ppm

Nitrogen: Balance

Total Oxides of Nitrogen: 163.1 ppm

**** NOx for reference Use Only ****

Reference Standard(s):

GMIS/SRM:	GMIS	GMIS
Cylinder Number:	CC-76327	CC-128944
Concentration:	99.25 ppm NO/Nitrogen	170.5 ppm NO/Nitrogen
Expiration Date:	November 04, 2009	May 25, 2010

Certification Instrumentation

Component:	Nitric Oxide
Make/Model:	Nicolet - NEXUS 470
Serial Number:	AEP99000154
Principal of Measurement:	FTIR
Last Calibration:	November 02, 2007

Analytical uncertainty and NIST Traceability are in compliance with EPA-600/R-97/121.

Certified by:

Date:

November 20, 2007

Unmatched Excellence

Liquid Technology Corporation

Industry Leader in Specialty Gases, Equipment and Service

Certificate of Analysis

- EPA PROTOCOL GAS -

<u>Customer</u>	<u>LAKE COGEN, LP (Umatilla, Florida)</u>
<u>Date</u>	<u>November 20, 2007</u>
<u>Delivery Receipt</u>	<u>DR-20438</u>
<u>Gas Standard</u>	<u>270.0 ppm Nitric Oxide (NOx)/Nitrogen - EPA PROTOCOL</u>
<u>Final Analysis Date</u>	<u>November 20, 2007</u>
<u>Expiration Date</u>	<u>November 20, 2009</u>

DO NOT USE BELOW 150 psig

Cylinder Data

Cylinder Serial Number:	<u>CC-56577</u>	Cylinder Outlet:	<u>CGA 660</u>
Cylinder Volume:	<u>140 Cubic Feet</u>	Cylinder Pressure:	<u>2000 psig, 70°F</u>
Expiration Date:	<u>November 20, 2009</u>		

Analytical Data

EPA Protocol, Section No. 2.2, Procedure G-1

Replicate Concentrations

Nitric Oxide: 275.0 ppm +/- 2.7 ppm

Nitrogen: Balance

Total Oxides of Nitrogen: 275.2 ppm

** NOx for reference Use Only **

Reference Standard(s):

GMIS/SRM:	<u>GMIS</u>	GMIS
Cylinder Number:	<u>CC-129008</u>	<u>CC-88803</u>
Concentration:	<u>246.8 ppm NO/Nitrogen</u>	<u>297.1 ppm NO/Nitrogen</u>
Expiration Date:	<u>June 15, 2010</u>	<u>March 22, 2010</u>

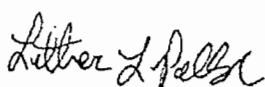
Certification Instrumentation

Component:	<u>Nitric Oxide</u>
Make/Model:	<u>Nicolet - NEXUS 470</u>
Serial Number:	<u>AEP99000154</u>
Principal of Measurement:	<u>FTIR</u>
Last Calibration:	<u>November 02, 2007</u>

Analytical uncertainty and NIST Traceability are in compliance with EPA-600/R-97/121.

Certified by:

Date:



November 20, 2007

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Liquid Technology Corporation

Industry Leader in Specialty Gases, Equipment and Service

Certificate of Analysis
- EPA PROTOCOL GAS -

Customer LAKE COGEN, LTD (Umatilla, Florida)
Date November 20, 2007
Delivery Receipt DR-20438
Gas Standard 25.0 ppm Nitric Oxide (NOx)/Nitrogen - EPA PROTOCOL
Final Analysis Date November 19, 2007
Expiration Date November 19, 2009

DO NOT USE BELOW 150 psig

Cylinder Data
Cylinder Serial Number: CC-184416 Cylinder Outlet: CGA 660
Cylinder Volume: 140 Cubic Feet Cylinder Pressure: 2000 psig, 70°F
Expiration Date: November 19, 2009

Analytical Data
EPA Protocol, Section No. 2.2, Procedure G-1

Replicate Concentrations:
Nitric Oxide: 23.7 ppm +/- 0.23 ppm
Nitrogen: Balance
Total Oxides of Nitrogen: 23.7 ppm
** NOx for reference Use Only.**

Reference Standard(s):
GMIS/SRM: GMIS GMIS
Cylinder Number: CC-117924 CC-159073
Concentration: 19.48 ppm NO/Nitrogen 24.44 ppm NO/Nitrogen
Expiration Date: December 11, 2010 September 01, 2010

Certification Instrumentation
Component: Nitric Oxide
Make/Model: Nicolet - NEXUS 470
Serial Number: AEP99000154
Principal of Measurement: FTIR
Last Calibration: November 02, 2007

Analytical uncertainty and NIST Traceability are in compliance with EPA-600/R-97/121.

Certified by:
Date: November 20, 2007

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Liquid Technology Corporation

Industry Leader in Specialty Gases, Equipment and Service

Certificate of Analysis - EPA PROTOCOL GAS -

Customer LAKE COGEN, LTD (Umatilla, Florida)
Date November 20, 2007
Delivery Receipt DR-20438
Gas Standard 55.0 ppm Nitric Oxide (NOx)/Nitrogen - EPA PROTOCOL
Final Analysis Date November 20, 2007
Expiration Date November 20, 2009

DO NOT USE BELOW 150 psig

Cylinder Data

Cylinder Serial Number: CC-233260 Cylinder Outlet: CGA 660
Cylinder Volume: 140 Cubic Feet Cylinder Pressure: 2000 psig, 70°F
Expiration Date: November 20, 2009

Analytical Data

EPA Protocol, Section No. 2.2, Procedure G-1

Replicate Concentrations

Nitric Oxide: 56.5 ppm +/- 0.56 ppm

Nitrogen: Balance

Total Oxides of Nitrogen: 56.6 ppm

** NOx for reference Use Only **

Reference Standard(s):

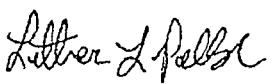
GMIS/SRM: GMIS
Cylinder Number: CC-159052
Concentration: 56.42 ppm NO/Nitrogen
Expiration Date: August 26, 2009

Certification Instrumentation

Component: Nitric Oxide
Make/Model: Nicolet - NEXUS 470
Serial Number: AEP99000154
Principal of Measurement: FTIR
Last Calibration: November 02, 2007

Analytical uncertainty and NIST Traceability are in compliance with EPA-600/R-97/121.

Certified by:
Date:


November 20, 2007

Unmatched Excellence

Liquid Technology Corporation

Industry Leader in Specialty Gases, Equipment and Service

Certificate of Analysis

- EPA PROTOCOL GAS -

Customer LAKE COGEN, LTD (Umatilla, Florida)

Date November 20, 2007

Delivery Receipt DR-20438

Gas Standard 85.0 ppm Nitric Oxide (NOx)/Nitrogen - EPA PROTOCOL

Final Analysis Date November 20, 2007

Expiration Date November 20, 2009

DO NOT USE BELOW 150 psig

Cylinder Data

Cylinder Serial Number: CC-125544

Cylinder Outlet: CGA 660

Cylinder Volume: 140 Cubic Feet

Cylinder Pressure: 2000 psig, 70°F

Expiration Date: November 20, 2009

Analytical Data

EPA Protocol, Section No. 2.2, Procedure G-1

Replicate Concentrations

Nitric Oxide: 84.2 ppm +/- 0.84 ppm

Nitrogen: Balance

Total Oxides of Nitrogen: 84.4 ppm

** NOx for reference Use Only **

Reference Standard(s):

GMIS/SRM: GMIS

GMIS

Cylinder Number: CC-159052

CC-165371

Concentration: 56.42 ppm NO/Nitrogen

91.3 ppm NO/Nitrogen

Expiration Date: August 26, 2009

March 01, 2009

Certification Instrumentation

Component: Nitric Oxide

Make/Model: Nicolet - NEXUS 470

Serial Number: AEP99000154

Principal of Measurement: FTIR

Last Calibration: November 02, 2007

Analytical uncertainty and NIST Traceability are in compliance with EPA-600/R-97/121.

Certified by:

Date:

November 20, 2007

Unmatched Excellence

APPENDIX E

PRODUCTION DATA

AND

FUEL ANALYSES

AIR CONSULTING AND ENGINEERING, INC.
2106 NW 67th Place, Suite 4, Gainesville, Florida 32653

Calculation of Lower Heating Value of Fuel

1. Amount of H₂O in combustion gas

Basis: *n* atoms of H produces *n*/2 moles of H₂O

Methane (CH ₄)	4 atoms of H produces 2 moles of H ₂ O
Ethane (C ₂ H ₆)	6 atoms of H produces 3 moles of H ₂ O
Propane (C ₃ H ₈)	8 atoms of H produces 4 moles of H ₂ O
Butane (C ₄ H ₁₀)	10 atoms of H produces 5 moles of H ₂ O
Pentane (C ₅ H ₁₂)	12 atoms of H produces 6 moles of H ₂ O
Hexane (C ₆ H ₁₄)	14 atoms of H produces 7 moles of H ₂ O

Moles of H₂O produced per mole of gas:

Methane	0.95929 (2) +
Ethane	0.02078 (3) +
Propane	0.00381 (4) +
Butane	0.00131 (5) +
Pentane	0.00043 (6) +
Hexane	0.00046 (7) = 2.00851 mole H₂O/mole of gas

2. Molecular weight of gas

Methane	0.95929 (16) +
Ethane	0.02078 (30) +
Propane	0.00381 (44) +
Butane	0.00131 (58) +
Pentane	0.00043 (72) +
Hexane	0.00046 (86) +
Nitrogen	0.00604 (14) +
CO ₂	0.00854 (44) = 16.7465 lb gas

3. Weight of water per dry cubic foot at 60 degrees F and 14.73 psia

density of air = 0.0765 lbs/cuft

$$2.00851 \frac{\text{mole H}_2\text{O}}{\text{mole gas}} \times 18 \text{ lb gas} \times \frac{1 \text{ mole gas}}{1 \text{ mole H}_2\text{O}} \times \frac{0.583 \times 0.0765 \text{ lb gas}}{16.7465 \text{ lb gas}} = \frac{0.096284 \frac{\text{lb H}_2\text{O}}{\text{cuft gas}}}{\text{cuft gas}}$$

4. Lower heating value (LHV) of gas

$$\text{LHV} = \text{HHV} - \frac{(\text{lb H}_2\text{O})}{(\text{cuft gas})} \times 1020 \text{ BTU/lb H}_2\text{O}$$

$$\text{LHV} = 1027 - 1020 \text{ btu/lb} \times 0.096284 \text{ lb H}_2\text{O/cuft gas}$$

$$\text{LHV} = 928.7907 \text{ BTU/cuft}$$

From Fuel Analysis: Brooker Main
12/19/07

Compound	MW
Methane	16
Ethane	30
Propane	44
Butane	58
Pentane	72
Hexane	86
Nitrogen	14
CO ₂	44
Relative Density	0.583
HHV	1027

AIR CONSULTING AND ENGINEERING, INC.

Plant: COMBUSTION TURBINE CT-2
Source: LAKE COGENERATION FACILITY
Location: UMITILLA, FLORIDA
Date: December 18, 2007

<u>from gas analysis</u>	<u>from plant data</u>	
Relative Density:	0.583	Gas Flow Rate:
BTU/cuft:	1028 BTU/cuft	455017 scf/hr
Total Sulfur:	1.595 ppm	

1. HEAT INPUT CALCULATION

1 mole of gas occupies 22.4 liters at 0 degrees C (32 F) and 14.7 psia (29.92 in Hg or 760mmHg)

molecular weight of air based on 20.9% O₂ and 79.1% N₂ = 28.846 grams

a. Density of Air @ 60 F and 14.73 psia

(28.846 grams/22.4 liters) x (492/520 F) x (28.32liters/cuft) x (lb/453.6grams) x (14.7/14.73 psia)
density of air = 0.0759 lb/cuft

b. Density of Gas @ 60 F and 14.73 psia

from gas analysis: Real Relative Density = 0.583
gas density = (0.0759 lb/cuft) x (0.583) = 0.0442 lb/cuft

c. Actual Heat Input

from gas analysis : Dry BTU/cuft @ 60 F and 14.73 psia = 1028 BTU/cuft

heat input = (1028 BTU/cuft) x (455017 scf/hr)/10⁶= 467.76 MMBTUH

2. SO₂ EMISSIONS CALCULATION

5.576 ppmv S + O₂ = 5.576 ppmv SO₂
5.576 ppmv S = 5.576 x E-6 % S

from gas analysis: Total Sulfur = 1.6 ppm =(1.595 x 10E-6) % by volume

density of SO₂ = 0.0759 lbs/cuft (64.052 SO₂/28.846 air) = 0.169 lb/cuft

lbs/hr SO₂ = (1.595ppm)(2.595 x 10 E-9)(64.052/32.06)(455017scf/hr) = 3.76E-03 lbs/hr

AIR CONSULTING AND ENGINEERING, INC.
2106 NW 67th Place, Suite 4, Gainesville, Florida 32653

Calculation of Lower Heating Value of Fuel

1. Amount of H₂O in combustion gas

Basis: n atoms of H produces n/2 moles of H₂O

Methane (CH ₄)	4 atoms of H produces 2 moles of H ₂ O
Ethane (C ₂ H ₆)	6 atoms of H produces 3 moles of H ₂ O
Propane (C ₃ H ₈)	8 atoms of H produces 4 moles of H ₂ O
Butane (C ₄ H ₁₀)	10 atoms of H produces 5 moles of H ₂ O
Pentane (C ₅ H ₁₂)	12 atoms of H produces 6 moles of H ₂ O
Hexane (C ₆ H ₁₄)	14 atoms of H produces 7 moles of H ₂ O

Moles of H₂O produced per mole of gas:

Methane	0.95947 (2) +
Ethane	0.02057 (3) +
Propane	0.00381 (4) +
Butane	0.00136 (5) +
Pentane	0.00044 (6) +
Hexane	0.00044 (7) = 2.00841 mole H₂O/mole of gas

2. Molecular weight of gas

Methane	0.95947 (16) +
Ethane	0.02057 (30) +
Propane	0.00381 (44) +
Butane	0.00136 (58) +
Pentane	0.00044 (72) +
Hexane	0.00044 (86) +
Nitrogen	0.00539 (14) +
CO ₂	0.00851 (44) = 16.73456 lb gas

3. Weight of water per dry cubic foot at 60 degrees F and 14.73 psia

density of air = 0.0765 lbs/cuft

$$\frac{2.00841 \text{ mole H}_2\text{O}}{\text{mole gas}} \times \frac{18 \text{ lb gas}}{1 \text{ mole H}_2\text{O}} \times \frac{1 \text{ mole gas}}{16.73456 \text{ lb gas}} \times \frac{0.583 \times 0.0765 \text{ lb gas}}{\text{cuft gas}} = \frac{0.096348 \text{ lbs H}_2\text{O}}{\text{cuft gas}}$$

4. Lower heating value (LHV) of gas

$$\text{LHV} = \text{HHV} - \frac{(\text{lb H}_2\text{O})}{(\text{cuft gas})} \times 1020 \text{ BTU/lb H}_2\text{O}$$

$$\text{LHV} = 1028 - 1020 \text{ btu/lb} \times 0.096348 \text{ lb H}_2\text{O/cuft gas}$$

$$\text{LHV} = \mathbf{929.7255 \text{ BTU/cuft}}$$

From Fuel Analysis: Brooker Main
12/18/07

Compound	MW
Methane	16 0.95947
Ethane	30 0.02057
Propane	44 0.00381
Butane	58 0.00136
Pentane	72 0.00044
Hexane	86 0.00044
Nitrogen	14 0.00539
CO ₂	44 0.00851
Relative Density	0.583
HHV	1028

AIR CONSULTING AND ENGINEERING, INC.

Plant: COMBUSTION TURBINE CT-2
Source: LAKE COGENERATION FACILITY
Location: UIMITILLA, FLORIDA
Date: December 18, 2007

<u>from gas analysis</u>	<u>from plant data</u>	
Relative Density:	0.581	Gas Flow Rate:
BTU/cuft:	1028 BTU/cuft	457709 scf/hr
Total Sulfur:	1.595 ppm	

1. HEAT INPUT CALCULATION

1 mole of gas occupies 22.4 liters at 0 degrees C (32 F) and 14.7 psia (29.92 in Hg or 760mmHg)

molecular weight of air based on 20.9% O₂ and 79.1% N₂ = 28.846 grams

a. Density of Air @ 60 F and 14.73 psia

(28.846 grams/22.4 liters) x (492/520 F) x (28.32liters/cuft) x (lb/453.6grams) x (14.7/14.73 psia)
density of air = 0.0759 lb/cuft

b. Density of Gas @ 60 F and 14.73 psia

from gas analysis: Real Relative Density = 0.581
gas density = (0.0759 lb/cuft) x (0.581) = 0.0441 lb/cuft

c. Actual Heat Input

from gas analysis :	Dry BTU/cuft @ 60 F and 14.73 psia =	1028 BTU/cuft
heat input =	(1028 BTU/cuft) x (457709 scf/hr)/10 ⁶ =	470.52 MMBTUH

2. SO₂ EMISSIONS CALCULATION

5.576 ppmv S + O₂ = 5.576 ppmv SO₂
5.576 ppmv S = 5.576 x E-6 % S

from gas analysis:	Total Sulfur =	1.6 ppm	=(1.595 x 10E-6) % by volume
	density of SO ₂ = 0.0759 lbs/cuft (64.052 SO ₂ /28.846 air) = 0.169 lb/cuft		
lbs/hr SO ₂	= (1.595ppm)(2.595 x 10 E-9)(64.052/32.06)(457709scf/hr) =		3.78E-03 lbs/hr

Florida Gas Transmission Company, LLC

Date Requested: Jan 18 2008

The data contained herein is preliminary data and therefore should be used for contemporaneous operational purposes only. This data is provided to assist our customers in tracking their gas usage as closely as possible on a monthly basis. The information contained on this web page is not to be considered billable information. This data will be subject to additional modification prior to billing. Florida Gas is not responsible for any reliance on this information by any party.

FGT Chromatograph By Id

Station Name: 8001 - MAINLINE (BROOKER)

[download -- tab-delimited file](#)

Date	BTU	CO2	N2	Grav	Methan	Ethane	Propan	Ibutan	Nbutan	Ipenta	Npenta	C6	C7	C8	C9
01/17/2008	1028	0.912	0.588	0.584	95.814	2.056	0.377	0.078	0.076	0.033	0.021	0.046	0.000	0.000	0.000
01/16/2008	1028	0.912	0.588	0.584	95.814	2.056	0.377	0.078	0.076	0.033	0.021	0.046	0.000	0.000	0.000
01/15/2008	1027	0.940	0.604	0.585	95.855	1.941	0.386	0.084	0.087	0.033	0.021	0.048	0.000	0.000	0.000
01/14/2008	1027	0.940	0.604	0.585	95.855	1.941	0.386	0.084	0.087	0.033	0.021	0.048	0.000	0.000	0.000
01/13/2008	1027	0.940	0.604	0.585	95.855	1.941	0.386	0.084	0.087	0.033	0.021	0.048	0.000	0.000	0.000
01/12/2008	1027	0.940	0.604	0.585	95.855	1.941	0.386	0.084	0.087	0.033	0.021	0.048	0.000	0.000	0.000
01/11/2008	1028	0.868	0.631	0.584	95.844	1.985	0.408	0.083	0.087	0.030	0.020	0.043	0.000	0.000	0.000
01/10/2008	1027	0.812	0.588	0.582	96.079	1.924	0.367	0.070	0.074	0.026	0.017	0.043	0.000	0.000	0.000
01/09/2008	1026	0.810	0.535	0.581	96.289	1.806	0.331	0.069	0.071	0.027	0.018	0.044	0.000	0.000	0.000
01/08/2008	1026	0.867	0.669	0.583	95.926	1.971	0.325	0.073	0.078	0.028	0.019	0.045	0.000	0.000	0.000
01/07/2008	1026	0.000	0.274	0.565	98.279	1.095	0.343	0.000	0.000	0.000	0.000	0.009	0.000	0.000	0.000
01/06/2008	1026	0.877	0.567	0.583	95.990	2.010	0.331	0.071	0.068	0.027	0.017	0.041	0.000	0.000	0.000
01/05/2008	1026	0.877	0.567	0.583	95.990	2.010	0.331	0.071	0.068	0.027	0.017	0.041	0.000	0.000	0.000
01/04/2008	1026	0.877	0.567	0.583	95.990	2.010	0.331	0.071	0.068	0.027	0.017	0.041	0.000	0.000	0.000
01/03/2008	1026	0.877	0.567	0.583	95.990	2.010	0.331	0.071	0.068	0.027	0.017	0.041	0.000	0.000	0.000
01/01/2008	1026	0.877	0.567	0.583	95.990	2.010	0.331	0.071	0.068	0.027	0.017	0.041	0.000	0.000	0.000
12/31/2007	1026	0.864	0.496	0.581	96.218	1.913	0.301	0.065	0.061	0.025	0.016	0.042	0.000	0.000	0.000
12/30/2007	1026	0.902	0.546	0.582	96.067	1.943	0.321	0.066	0.068	0.025	0.017	0.044	0.000	0.000	0.000
12/29/2007	1025	0.904	0.603	0.583	95.933	2.033	0.315	0.066	0.064	0.025	0.016	0.040	0.000	0.000	0.000
12/28/2007	1026	0.896	0.666	0.584	95.752	2.137	0.332	0.066	0.065	0.026	0.017	0.043	0.000	0.000	0.000
12/27/2007	1027	0.876	0.824	0.586	95.272	2.456	0.361	0.066	0.064	0.025	0.016	0.041	0.000	0.000	0.000
12/26/2007	1026	0.849	0.562	0.582	96.059	1.988	0.328	0.068	0.066	0.025	0.016	0.039	0.000	0.000	0.000
12/25/2007	1026	0.817	0.497	0.581	96.322	1.838	0.313	0.066	0.065	0.025	0.016	0.041	0.000	0.000	0.000
12/24/2007	1026	0.795	0.529	0.581	96.264	1.885	0.316	0.066	0.065	0.024	0.016	0.040	0.000	0.000	0.000
12/23/2007	1027	0.799	0.520	0.581	96.233	1.891	0.334	0.070	0.070	0.026	0.017	0.040	0.000	0.000	0.000
12/22/2007	1028	0.848	0.509	0.582	96.054	2.023	0.334	0.072	0.069	0.027	0.017	0.045	0.000	0.000	0.000
12/21/2007	1028	0.858	0.521	0.583	95.971	2.065	0.345	0.075	0.075	0.029	0.018	0.044	0.000	0.000	0.000
12/20/2007	1027	0.838	0.568	0.583	95.980	2.077	0.314	0.070	0.066	0.027	0.017	0.043	0.000	0.000	0.000
12/19/2007	1027	0.854	0.604	0.583	95.929	2.078	0.316	0.068	0.063	0.026	0.017	0.046	0.000	0.000	0.000
12/18/2007	1028	0.851	0.539	0.583	95.947	2.057	0.381	0.070	0.066	0.027	0.017	0.044	0.000	0.000	0.000
12/17/2007	1027	0.863	0.566	0.583	95.913	2.104	0.330	0.072	0.066	0.027	0.017	0.043	0.000	0.000	0.000
12/16/2007	1026	0.858	0.603	0.582	95.970	2.047	0.314	0.067	0.060	0.025	0.016	0.042	0.000	0.000	0.000
12/15/2007	1028	0.851	0.549	0.583	95.890	2.123	0.380	0.065	0.059	0.024	0.015	0.044	0.000	0.000	0.000
12/14/2007	1026	0.863	0.525	0.582	96.046	2.071	0.289	0.065	0.058	0.024	0.015	0.045	0.000	0.000	0.000
12/13/2007	1027	0.843	0.492	0.582	96.117	2.015	0.307	0.070	0.064	0.026	0.016	0.049	0.000	0.000	0.000
12/12/2007	1026	0.826	0.524	0.581	96.152	2.004	0.287	0.065	0.059	0.024	0.016	0.045	0.000	0.000	0.000
12/11/2007	1028	0.828	0.501	0.583	96.063	2.024	0.340	0.076	0.069	0.028	0.019	0.051	0.000	0.000	0.000
12/10/2007	1027	0.822	0.459	0.581	96.258	1.969	0.290	0.064	0.057	0.023	0.015	0.042	0.000	0.000	0.000
12/09/2007	1027	0.862	0.532	0.583	95.984	2.105	0.304	0.067	0.060	0.025	0.016	0.045	0.000	0.000	0.000
12/08/2007	1027	0.872	0.535	0.583	96.042	2.005	0.317	0.069	0.065	0.027	0.018	0.050	0.000	0.000	0.000
12/07/2007	1026	0.854	0.567	0.582	96.163	1.878	0.310	0.070	0.067	0.027	0.018	0.048	0.000	0.000	0.000
12/06/2007	1025	0.918	0.516	0.582	96.179	1.874	0.285	0.068	0.061	0.027	0.018	0.053	0.000	0.000	0.000

ET-1
ET-2



Florida Gas Transmission

Total Sulfur Previous Day

01/18/2008 12:07 PM

Florida Gas makes no warranty or representation whatsoever as to the accuracy of the information provided.
This information is provided on a best efforts basis and is an estimate.
The information is not used for billing purposes.
Florida Gas is not responsible for any reliance on this information by any party.

Stream History

	Perry 36" Stream #1	Perry 30" Stream #2	Perry 24" Stream #3	Brooker 24" Stream				
GasDay	Avg ppm	Avg Grains/hcf	Avg ppm	Avg Grains/hcf	Avg ppm	Avg Grains/hcf	Avg ppm	Avg Grains/hcf
01/17/2008	0.148	0.009	0.181	0.011	0.192	0.012	3.412	0.213
01/16/2008	0.151	0.009	0.206	0.013	0.213	0.013	3.412	0.213
01/15/2008	0.081	0.005	0.072	0.005	0.069	0.004	4.630	0.289
01/14/2008	0.029	0.002	0.034	0.002	0.037	0.002	4.630	0.289
01/13/2008	0.035	0.002	0.036	0.002	0.037	0.002	4.630	0.289
01/12/2008	0.053	0.003	0.073	0.005	0.077	0.005	4.630	0.289
01/11/2008	0.140	0.009	0.297	0.019	0.312	0.020	4.439	0.277
01/10/2008	0.115	0.007	0.206	0.013	0.204	0.013	3.994	0.250
01/09/2008	0.073	0.005	0.129	0.008	0.139	0.009	3.398	0.212
01/08/2008	0.121	0.008	0.190	0.012	0.198	0.012	3.368	0.211
01/07/2008	0.101	0.006	0.216	0.014	0.222	0.014	2.942	0.184
01/06/2008	0.077	0.005	0.096	0.006	0.099	0.006	0.958	0.060
01/05/2008	0.060	0.004	0.097	0.006	0.102	0.006	1.255	0.078
01/04/2008	0.078	0.005	0.134	0.008	0.144	0.009	1.255	0.078
01/03/2008	0.071	0.004	0.085	0.005	0.090	0.006	1.255	0.078
01/02/2008	0.098	0.006	0.110	0.007	0.116	0.007	1.255	0.078
01/01/2008	0.095	0.006	0.108	0.007	0.107	0.007	1.255	0.078
12/31/2007	0.048	0.003	0.050	0.003	0.053	0.003	1.255	0.078
12/30/2007	0.020	0.001	0.021	0.001	0.022	0.001	1.294	0.081
12/29/2007	0.025	0.002	0.027	0.002	0.028	0.002	1.504	0.094
12/28/2007	0.065	0.004	0.060	0.004	0.068	0.004	1.578	0.099
12/27/2007	0.068	0.004	0.081	0.005	0.086	0.005	5.223	0.326
12/26/2007	0.031	0.002	0.032	0.002	0.035	0.002	2.576	0.161
12/25/2007	0.026	0.002	0.033	0.002	0.031	0.002	2.628	0.164
12/24/2007	0.016	0.001	0.017	0.001	0.020	0.001	2.918	0.182
12/23/2007	0.018	0.001	0.020	0.001	0.018	0.001	3.605	0.225
12/22/2007	0.016	0.001	0.018	0.001	0.019	0.001	2.908	0.182
12/21/2007	0.039	0.002	0.054	0.003	0.061	0.004	1.958	0.122
12/20/2007	0.040	0.003	0.049	0.003	0.051	0.003	2.043	0.128
12/19/2007	0.182	0.011	0.253	0.016	0.265	0.017	1.595	0.100
12/18/2007	0.062	0.004	0.082	0.005	0.086	0.005	1.595	0.100
12/17/2007	0.033	0.002	0.039	0.002	0.041	0.003	1.808	0.113
12/16/2007	0.037	0.002	0.040	0.003	0.044	0.003	1.744	0.109
12/15/2007	0.054	0.003	0.063	0.004	0.068	0.004	2.658	0.166

CT - 1
CT &

CT 1

CeDAR 1-Minute Data
LAKE COGEN
Data for 12/19/2007 7:47 AM thru 12/19/2007 8:16 AM

Timestamp	(Turbine 1) 60-NOx ppm 1-Min	(Turbine 1) NOx ppm @15% O2 1-Min	(Turbine 1) 60-NOx lb/mmBtu 1-Min	(Turbine 1) NOx lb/hr 1-Min Avg	(Turbine 1) 60-O2% 1-Min	(Turbine 1) CT Gas Flow hscf/hr 1-Min
12/19 7:47	26.68	24.29	0.0893	41.70	14.42	4547
12/19 7:48	26.74	24.31	0.0894	41.75	14.41	4547
12/19 7:49	26.74	24.31	0.0894	41.74	14.41	4546
12/19 7:50	26.67	24.25	0.0891	41.56	14.41	4542
12/19 7:51	26.58	24.20	0.0890	41.50	14.42	4540
12/19 7:52	26.61	24.23	0.0891	41.55	14.42	4541
12/19 7:53	26.71	24.36	0.0895	41.74	14.43	4541
12/19 7:54	26.70	24.31	0.0894	41.69	14.42	4541
12/19 7:55	26.64	24.29	0.0893	41.65	14.43	4541
12/19 7:56	26.65	24.26	0.0892	41.62	14.42	4543
12/19 7:57	26.60	24.22	0.0890	41.52	14.42	4542
12/19 7:58	26.62	24.20	0.0890	41.51	14.41	4541
12/19 7:59	26.59	24.21	0.0890	41.50	14.42	4540
12/19 8:00	26.61	24.19	0.0889	41.47	14.41	4542
12/19 8:01	26.61	24.19	0.0889	41.47	14.41	4542
12/19 8:02	26.59	24.14	0.0887	41.38	14.40	4542
12/19 8:03	26.61	24.19	0.0889	41.47	14.41	4542
12/19 8:04	26.61	24.15	0.0888	41.41	14.40	4541
12/19 8:05	26.62	24.16	0.0888	41.43	14.40	4543
12/19 8:06	26.67	24.25	0.0891	41.57	14.41	4543
12/19 8:07	26.67	24.28	0.0893	41.66	14.42	4542
12/19 8:08	26.66	24.27	0.0892	41.60	14.42	4541
12/19 8:09	26.59	24.21	0.0890	41.51	14.42	4541
12/19 8:10	26.55	24.17	0.0889	41.46	14.42	4541
12/19 8:11	26.58	24.16	0.0888	41.41	14.41	4541
12/19 8:12	26.56	24.15	0.0888	41.42	14.41	4542
12/19 8:13	26.55	24.14	0.0887	41.38	14.41	4543
12/19 8:14	26.60	24.18	0.0889	41.48	14.41	4543
12/19 8:15	26.59	24.21	0.0890	41.52	14.42	4543
12/19 8:16	26.65	24.26	0.0892	41.64	14.42	4545
Average (all)	26.63	24.22	0.0891	41.54	14.41	4542
Total (all)	--	--	--	--	--	--
Minimum (all)	26.55	24.14	0.0887	41.38	14.40	4540
Maximum (all)	26.74	24.36	0.0895	41.75	14.43	4547
Average (valid values only)	26.63	24.22	0.0891	41.54	14.41	4542
Total (valid values only)	--	--	--	--	--	--
Count (valid values only)	30	30	30	30	30	30

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CeDAR 1-Minute Data
LAKE COGEN
Data for 12/19/2007 7:47 AM thru 12/19/2007 8:16 AM

Timestamp	(Turbine 1) DB Gas Flow hscf/hr 1-Min	(Turbine 1) Sprint Flow gal/min 1-Min	(Turbine 1) Water Injection - 1-Min gal/hr	(Turbine 1) CT Megawatts 1-Min
12/19 7:47	0 <13>	16.23	41.64	49.0
12/19 7:48	0 <13>	16.23	41.64	49.0
12/19 7:49	0 <13>	16.23	41.64	49.0
12/19 7:50	0 <13>	16.23	41.64	49.0
12/19 7:51	0 <13>	16.23	41.62	49.0
12/19 7:52	0 <13>	16.23	41.64	49.0
12/19 7:53	0 <13>	16.23	41.63	49.0
12/19 7:54	0 <13>	16.23	41.64	49.0
12/19 7:55	0 <13>	16.23	41.63	49.0
12/19 7:56	0 <13>	16.23	41.62	49.0
12/19 7:57	0 <13>	16.23	41.64	49.0
12/19 7:58	0 <13>	16.22	41.64	49.0
12/19 7:59	0 <13>	16.23	41.63	49.0
12/19 8:00	0 <13>	16.23	41.63	49.0
12/19 8:01	0 <13>	16.23	41.63	49.0
12/19 8:02	0 <13>	16.23	41.63	49.0
12/19 8:03	0 <13>	16.23	41.64	49.0
12/19 8:04	0 <13>	16.23	41.64	49.0
12/19 8:05	0 <13>	16.23	41.64	49.0
12/19 8:06	0 <13>	16.24	41.63	49.0
12/19 8:07	0 <13>	16.23	41.64	49.0
12/19 8:08	0 <13>	16.23	41.64	49.0
12/19 8:09	0 <13>	16.23	41.64	49.0
12/19 8:10	0 <13>	16.23	41.63	49.0
12/19 8:11	0 <13>	16.23	41.63	49.0
12/19 8:12	0 <13>	16.23	41.64	49.0
12/19 8:13	0 <13>	16.23	41.63	49.0
12/19 8:14	0 <13>	16.23	41.63	49.0
12/19 8:15	0 <13>	16.23	41.63	49.0
12/19 8:16	0 <13>	16.23	41.63	49.0
Average (all)	0	16.23	41.63	49.0
Total (all)	--	--	--	--
Minimum (all)	0	16.22	41.62	49.0
Maximum (all)	0	16.24	41.64	49.0
Average (valid values only)	--	16.23	41.63	49.0
Total (valid values only)	--	--	--	--
Count (valid values only)	0	30	30	30

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CeDAR 1-Minute Data
LAKE COGEN
Data for 12/19/2007 8:35 AM thru 12/19/2007 9:04 AM

Timestamp	(Turbine 1) 60-NOx ppm 1-Min	(Turbine 1) NOx ppm @15% O2 1-Min	(Turbine 1) 60-NOx lb/mmbtu 1-Min	(Turbine 1) NOx lb/hr 1-Min Avg	(Turbine 1) 60-O2% 1-Min	(Turbine 1) CT Gas Flow hscf/hr 1-Min
12/19 8:35	26.95	24.46	0.0899	41.95	14.40	4544
12/19 8:36	26.95	24.46	0.0899	41.94	14.40	4543
12/19 8:37	26.97	24.48	0.0900	42.00	14.40	4544
12/19 8:38	26.98	24.49	0.0900	42.00	14.40	4544
12/19 8:39	26.98	24.49	0.0900	42.01	14.40	4545
12/19 8:40	26.97	24.48	0.0900	42.01	14.40	4545
12/19 8:41	27.01	24.55	0.0903	42.14	14.41	4544
12/19 8:42	27.07	24.57	0.0903	42.14	14.40	4544
12/19 8:43	27.05	24.55	0.0903	42.14	14.40	4544
12/19 8:44	27.08	24.58	0.0904	42.18	14.40	4543
12/19 8:45	27.02	24.53	0.0902	42.10	14.40	4545
12/19 8:46	26.95	24.42	0.0898	41.90	14.39	4543
12/19 8:47	26.94	24.42	0.0898	41.91	14.39	4544
12/19 8:48	26.95	24.42	0.0898	41.88	14.39	4541
12/19 8:49	26.84	24.40	0.0897	41.82	14.41	4540
12/19 8:50	26.73	24.34	0.0895	41.72	14.42	4539
12/19 8:51	26.74	24.35	0.0895	41.73	14.42	4540
12/19 8:52	26.64	24.29	0.0893	41.64	14.43	4540
12/19 8:53	26.63	24.28	0.0893	41.64	14.43	4540
12/19 8:54	26.64	24.33	0.0894	41.68	14.44	4540
12/19 8:55	26.67	24.32	0.0894	41.69	14.43	4541
12/19 8:56	26.65	24.30	0.0893	41.65	14.43	4541
12/19 8:57	26.70	24.31	0.0894	41.70	14.42	4542
12/19 8:58	26.65	24.26	0.0892	41.62	14.42	4543
12/19 8:59	26.60	24.22	0.0890	41.51	14.42	4541
12/19 9:00	26.64	24.26	0.0892	41.61	14.42	4542
12/19 9:01	26.69	24.30	0.0893	41.66	14.42	4542
12/19 9:02	26.71	24.28	0.0893	41.66	14.41	4542
12/19 9:03	26.72	24.33	0.0894	41.71	14.42	4543
12/19 9:04	26.80	24.40	0.0897	41.86	14.42	4544
Average (all)	26.83	24.40	0.0897	41.84	14.41	4542
Total (all)	--	--	--	--	--	--
Minimum (all)	26.60	24.22	0.0890	41.51	14.39	4539
Maximum (all)	27.08	24.58	0.0904	42.18	14.44	4545
Average (valid values only)	26.83	24.40	0.0897	41.84	14.41	4542
Total (valid values only)	--	--	--	--	--	--
Count (valid values only)	30	30	30	30	30	30

<13> = Down

CeDAR 1-Minute Data

LAKE COGEN

Data for 12/19/2007 8:35 AM thru 12/19/2007 9:04 AM

Timestamp	(Turbine 1) DB Gas Flow hscf/hr 1-Min	(Turbine 1) Sprint Flow gal/min 1-Min	(Turbine 1) Water Injection - 1-Min gal/hr	(Turbine 1) CT Megawatts 1-Min
12/19 8:35	0 <13>	16.23	41.65	49.0
12/19 8:36	0 <13>	16.23	41.64	49.0
12/19 8:37	0 <13>	16.23	41.63	49.0
12/19 8:38	0 <13>	16.23	41.63	49.0
12/19 8:39	0 <13>	16.23	41.63	49.0
12/19 8:40	0 <13>	16.23	41.64	49.0
12/19 8:41	0 <13>	16.23	41.64	49.0
12/19 8:42	0 <13>	16.23	41.64	49.0
12/19 8:43	0 <13>	16.23	41.63	49.0
12/19 8:44	0 <13>	16.23	41.63	49.0
12/19 8:45	0 <13>	16.23	41.64	49.0
12/19 8:46	0 <13>	16.23	41.64	49.0
12/19 8:47	0 <13>	16.23	41.64	49.0
12/19 8:48	0 <13>	16.23	41.64	49.0
12/19 8:49	0 <13>	16.23	41.64	49.0
12/19 8:50	0 <13>	16.22	41.65	49.0
12/19 8:51	0 <13>	16.23	41.64	49.0
12/19 8:52	0 <13>	16.23	41.63	49.0
12/19 8:53	0 <13>	16.23	41.63	49.0
12/19 8:54	0 <13>	16.23	41.63	49.0
12/19 8:55	0 <13>	16.23	41.64	49.0
12/19 8:56	0 <13>	16.23	41.64	49.0
12/19 8:57	0 <13>	16.23	41.63	49.0
12/19 8:58	0 <13>	16.23	41.63	49.0
12/19 8:59	0 <13>	16.23	41.63	49.0
12/19 9:00	0 <13>	16.23	41.64	49.0
12/19 9:01	0 <13>	16.23	41.65	49.0
12/19 9:02	0 <13>	16.22	41.65	49.0
12/19 9:03	0 <13>	16.23	41.63	49.0
12/19 9:04	0 <13>	16.23	41.63	49.0
Average (all)	0	16.23	41.64	49.0
Total (all)	--	--	--	--
Minimum (all)	0	16.22	41.63	49.0
Maximum (all)	0	16.23	41.65	49.0
Average (valid values only)	--	16.23	41.64	49.0
Total (valid values only)	--	--	--	--
Count (valid values only)	0	30	30	30

<13> = Down

CeDAR 1-Minute Data
LAKE COGEN
Data for 12/19/2007 9:17 AM thru 12/19/2007 9:46 AM

Timestamp	(Turbine 1) 60-NOx ppm 1-Min	(Turbine 1) NOx ppm @15% O2 1-Min	(Turbine 1) 60-NOx lb/MMBtu 1-Min	(Turbine 1) NOx lb/hr 1-Min Avg	(Turbine 1) 60-O2% 1-Min	(Turbine 1) CT Gas Flow hscf/hr 1-Min
12/19 9:17	26.79	24.39	0.0897	41.84	14.42	4542
12/19 9:18	26.78	24.38	0.0896	41.80	14.42	4542
12/19 9:19	26.81	24.41	0.0897	41.85	14.42	4543
12/19 9:20	26.85	24.45	0.0899	41.96	14.42	4545
12/19 9:21	26.82	24.42	0.0898	41.93	14.42	4546
12/19 9:22	26.80	24.40	0.0897	41.87	14.42	4545
12/19 9:23	26.86	24.46	0.0899	41.97	14.42	4546
12/19 9:24	26.94	24.53	0.0902	42.11	14.42	4546
12/19 9:25	26.98	24.57	0.0903	42.16	14.42	4546
12/19 9:26	26.92	24.51	0.0901	42.06	14.42	4545
12/19 9:27	26.87	24.46	0.0899	41.97	14.42	4546
12/19 9:28	26.84	24.44	0.0898	41.91	14.42	4544
12/19 9:29	26.85	24.45	0.0899	41.97	14.42	4546
12/19 9:30	26.79	24.35	0.0895	41.79	14.41	4547
12/19 9:31	26.87	24.46	0.0899	41.97	14.42	4546
12/19 9:32	26.85	24.45	0.0899	41.98	14.42	4547
12/19 9:33	26.88	24.44	0.0898	41.93	14.41	4547
12/19 9:34	26.93	24.52	0.0901	42.07	14.42	4547
12/19 9:35	26.95	24.54	0.0902	42.12	14.42	4547
12/19 9:36	26.96	24.55	0.0902	42.12	14.42	4547
12/19 9:37	26.93	24.52	0.0901	42.07	14.42	4547
12/19 9:38	26.96	24.51	0.0901	42.07	14.41	4547
12/19 9:39	26.93	24.48	0.0900	42.03	14.41	4547
12/19 9:40	26.92	24.47	0.0900	42.03	14.41	4547
12/19 9:41	26.89	24.45	0.0899	41.98	14.41	4547
12/19 9:42	26.88	24.44	0.0898	41.93	14.41	4547
12/19 9:43	26.87	24.46	0.0899	41.98	14.42	4547
12/19 9:44	26.91	24.50	0.0901	42.07	14.42	4547
12/19 9:45	26.89	24.48	0.0900	42.03	14.42	4547
12/19 9:46	26.92	24.51	0.0901	42.07	14.42	4547
Average (all)	26.88	24.47	0.0899	41.99	14.42	4546
Total (all)	--	--	--	--	--	--
Minimum (all)	26.78	24.35	0.0895	41.79	14.41	4542
Maximum (all)	26.98	24.57	0.0903	42.16	14.42	4547
Average (valid values only)	26.88	24.47	0.0899	41.99	14.42	4546
Total (valid values only)	--	--	--	--	--	--
Count (valid values only)	30	30	30	30	30	30

<13> = Down

CeDAR 1-Minute Data
LAKE COGEN
Data for 12/19/2007 9:17 AM thru 12/19/2007 9:46 AM

Timestamp	(Turbine 1) DB Gas Flow hscf/hr 1-Min	(Turbine 1) Sprint Flow gal/min 1-Min	(Turbine 1) Water Injection - 1-Min gal/hr	(Turbine 1) CT Megawatts 1-Min
12/19 9:17	0 <13>	16.22	41.64	49.0
12/19 9:18	0 <13>	16.23	41.64	49.0
12/19 9:19	0 <13>	16.23	41.64	49.0
12/19 9:20	0 <13>	16.23	41.63	49.0
12/19 9:21	0 <13>	16.23	41.64	49.0
12/19 9:22	0 <13>	16.23	41.64	49.0
12/19 9:23	0 <13>	16.23	41.64	49.0
12/19 9:24	0 <13>	16.23	41.64	49.0
12/19 9:25	0 <13>	16.23	41.64	49.0
12/19 9:26	0 <13>	16.23	41.63	49.0
12/19 9:27	0 <13>	16.23	41.62	49.0
12/19 9:28	0 <13>	16.23	41.64	49.0
12/19 9:29	0 <13>	16.23	41.64	49.0
12/19 9:30	0 <13>	16.23	41.64	49.0
12/19 9:31	0 <13>	16.23	41.64	49.0
12/19 9:32	0 <13>	16.23	41.64	49.0
12/19 9:33	0 <13>	16.23	41.64	49.0
12/19 9:34	0 <13>	16.23	41.64	49.0
12/19 9:35	0 <13>	16.23	41.64	49.0
12/19 9:36	0 <13>	16.23	41.63	49.0
12/19 9:37	0 <13>	16.23	41.64	49.0
12/19 9:38	0 <13>	16.23	41.64	49.0
12/19 9:39	0 <13>	16.23	41.63	49.0
12/19 9:40	0 <13>	16.23	41.64	49.0
12/19 9:41	0 <13>	16.23	41.64	49.0
12/19 9:42	0 <13>	16.23	41.63	49.0
12/19 9:43	0 <13>	16.23	41.63	49.0
12/19 9:44	0 <13>	16.23	41.64	49.0
12/19 9:45	0 <13>	16.23	41.64	49.0
12/19 9:46	0 <13>	16.23	41.64	49.0
Average (all)	0	16.23	41.64	49.0
Total (all)	--	--	--	--
Minimum (all)	0	16.22	41.62	49.0
Maximum (all)	0	16.23	41.64	49.0
Average (valid values only)	--	16.23	41.64	49.0
Total (valid values only)	--	--	--	--
Count (valid values only)	0	30	30	30

<13> = Down

CeDAR 1-Minute Data
LAKE COGEN
Data for 12/19/2007 10:01 AM thru 12/19/2007 10:30 AM

Timestamp	(Turbine 1) 60-NOx ppm 1-Min	(Turbine 1) NOx ppm @15% O2 1-Min	(Turbine 1) 60-NOx lb/mmbtu 1-Min	(Turbine 1) NOx lb/hr 1-Min Avg	(Turbine 1) 60-O2% 1-Min	(Turbine 1) CT Gas Flow hscf/hr 1-Min
12/19 10:01	26.89	24.45	0.0899	42.00	14.41	4549
12/19 10:02	26.96	24.51	0.0901	42.10	14.41	4550
12/19 10:03	26.92	24.44	0.0898	41.96	14.40	4550
12/19 10:04	26.89	24.45	0.0899	41.99	14.41	4548
12/19 10:05	26.93	24.52	0.0901	42.09	14.42	4549
12/19 10:06	26.98	24.57	0.0903	42.19	14.42	4549
12/19 10:07	26.96	24.55	0.0902	42.14	14.42	4549
12/19 10:08	26.97	24.52	0.0901	42.10	14.41	4550
12/19 10:09	26.98	24.53	0.0902	42.17	14.41	4552
12/19 10:10	27.02	24.56	0.0903	42.21	14.41	4552
12/19 10:11	27.04	24.58	0.0904	42.26	14.41	4552
12/19 10:12	27.06	24.60	0.0904	42.26	14.41	4552
12/19 10:13	27.05	24.55	0.0903	42.21	14.40	4552
12/19 10:14	27.02	24.56	0.0903	42.21	14.41	4551
12/19 10:15	27.06	24.60	0.0904	42.24	14.41	4550
12/19 10:16	27.14	24.67	0.0907	42.40	14.41	4552
12/19 10:17	27.15	24.68	0.0907	42.39	14.41	4551
12/19 10:18	27.11	24.65	0.0906	42.35	14.41	4552
12/19 10:19	27.13	24.66	0.0907	42.40	14.41	4552
12/19 10:20	27.07	24.61	0.0905	42.29	14.41	4550
12/19 10:21	27.10	24.64	0.0906	42.34	14.41	4550
12/19 10:22	27.06	24.60	0.0904	42.24	14.41	4550
12/19 10:23	27.08	24.62	0.0905	42.30	14.41	4551
12/19 10:24	27.09	24.67	0.0907	42.40	14.42	4552
12/19 10:25	27.17	24.74	0.0909	42.50	14.42	4553
12/19 10:26	27.24	24.76	0.0910	42.54	14.41	4552
12/19 10:27	27.22	24.71	0.0908	42.45	14.40	4552
12/19 10:28	27.21	24.70	0.0908	42.45	14.40	4552
12/19 10:29	27.19	24.68	0.0907	42.41	14.40	4553
12/19 10:30	27.16	24.69	0.0908	42.44	14.41	4551
Average (all)	27.06	24.60	0.0904	42.27	14.41	4551
Total (all)	--	--	--	--	--	--
Minimum (all)	26.89	24.44	0.0898	41.96	14.40	4548
Maximum (all)	27.24	24.76	0.0910	42.54	14.42	4553
Average (valid values only)	27.06	24.60	0.0904	42.27	14.41	4551
Total (valid values only)	--	--	--	--	--	--
Count (valid values only)	30	30	30	30	30	30

<13> = Down

CeDAR 1-Minute Data
LAKE COGEN
Data for 12/19/2007 10:01 AM thru 12/19/2007 10:30 AM

Timestamp	(Turbine 1) DB Gas Flow hscf/hr 1-Min	(Turbine 1) Sprint Flow gal/min 1-Min	(Turbine 1) Total Gas Flow hscf/hr 1-Min	(Turbine 1) Water Injection - 1-Min gal/hr	(Turbine 1) CT Megawatts 1-Min
12/19 10:01	0 <13>	16.23	4549	41.63	49.0
12/19 10:02	0 <13>	16.23	4550	41.64	49.0
12/19 10:03	0 <13>	16.23	4550	41.64	49.0
12/19 10:04	0 <13>	16.23	4548	41.64	49.0
12/19 10:05	0 <13>	16.23	4549	41.63	49.0
12/19 10:06	0 <13>	16.23	4549	41.64	49.0
12/19 10:07	0 <13>	16.23	4549	41.65	49.0
12/19 10:08	0 <13>	16.23	4550	41.64	49.0
12/19 10:09	0 <13>	16.23	4552	41.64	49.0
12/19 10:10	0 <13>	16.23	4552	41.64	49.0
12/19 10:11	0 <13>	16.22	4552	41.65	49.0
12/19 10:12	0 <13>	16.23	4552	41.64	49.0
12/19 10:13	0 <13>	16.23	4552	41.64	49.0
12/19 10:14	0 <13>	16.23	4551	41.63	49.0
12/19 10:15	0 <13>	16.23	4550	41.63	49.0
12/19 10:16	0 <13>	16.23	4552	41.63	49.0
12/19 10:17	0 <13>	16.22	4551	41.65	49.0
12/19 10:18	0 <13>	16.22	4552	41.65	49.0
12/19 10:19	0 <13>	16.23	4552	41.63	49.0
12/19 10:20	0 <13>	16.23	4550	41.63	49.0
12/19 10:21	0 <13>	16.23	4550	41.64	49.0
12/19 10:22	0 <13>	16.23	4550	41.63	49.0
12/19 10:23	0 <13>	16.23	4551	41.64	49.0
12/19 10:24	0 <13>	16.23	4552	41.65	49.0
12/19 10:25	0 <13>	16.23	4553	41.64	49.0
12/19 10:26	0 <13>	16.23	4552	41.63	49.0
12/19 10:27	0 <13>	16.23	4552	41.64	49.0
12/19 10:28	0 <13>	16.23	4552	41.64	49.0
12/19 10:29	0 <13>	16.23	4553	41.64	49.0
12/19 10:30	0 <13>	16.23	4551	41.64	49.0
Average (all)	0	16.23	4551	41.64	49.0
Total (all)	--	--	--	--	--
Minimum (all)	0	16.22	4548	41.63	49.0
Maximum (all)	0	16.23	4553	41.65	49.0
Average (valid values only)	--	16.23	4551	41.64	49.0
Total (valid values only)	--	--	--	--	--
Count (valid values only)	0	30	30	30	30

<13> = Down

CeDAR 1-Minute Data
LAKE COGEN
Data for 12/19/2007 10:43 AM thru 12/19/2007 11:12 AM

Timestamp	(Turbine 1) 60-NOx ppm 1-Min	(Turbine 1) NOx ppm @15% O2 1-Min	(Turbine 1) 60-NOx lb/mmBtu 1-Min	(Turbine 1) NOx lb/hr 1-Min Avg	(Turbine 1) 60-O2% 1-Min	(Turbine 1) CT Gas Flow hscf/hr 1-Min
12/19 10:43	27.08	24.58	0.0904	42.25	14.40	4551
12/19 10:44	27.11	24.61	0.0905	42.30	14.40	4551
12/19 10:45	27.20	24.69	0.0908	42.44	14.40	4551
12/19 10:46	27.14	24.60	0.0904	42.25	14.39	4551
12/19 10:47	27.13	24.59	0.0904	42.24	14.39	4550
12/19 10:48	27.09	24.59	0.0904	42.26	14.40	4552
12/19 10:49	27.10	24.56	0.0903	42.20	14.39	4550
12/19 10:50	27.04	24.47	0.0899	42.01	14.38	4550
12/19 10:51	27.08	24.54	0.0902	42.17	14.39	4552
12/19 10:52	27.09	24.55	0.0903	42.21	14.39	4552
12/19 10:53	27.11	24.57	0.0903	42.21	14.39	4552
12/19 10:54	27.16	24.65	0.0906	42.35	14.40	4552
12/19 10:55	27.19	24.64	0.0906	42.36	14.39	4553
12/19 10:56	27.10	24.56	0.0903	42.21	14.39	4552
12/19 10:57	27.10	24.56	0.0903	42.20	14.39	4550
12/19 10:58	27.08	24.54	0.0902	42.17	14.39	4552
12/19 10:59	27.09	24.51	0.0901	42.11	14.38	4551
12/19 11:00	27.13	24.55	0.0902	42.17	14.38	4552
12/19 11:01	27.18	24.63	0.0906	42.34	14.39	4550
12/19 11:02	27.18	24.63	0.0906	42.34	14.39	4550
12/19 11:03	27.19	24.64	0.0906	42.34	14.39	4550
12/19 11:04	27.17	24.62	0.0905	42.31	14.39	4552
12/19 11:05	27.22	24.67	0.0907	42.40	14.39	4552
12/19 11:06	27.27	24.71	0.0909	42.49	14.39	4552
12/19 11:07	27.28	24.72	0.0909	42.49	14.39	4552
12/19 11:08	27.28	24.69	0.0907	42.40	14.38	4552
12/19 11:09	27.28	24.72	0.0909	42.49	14.39	4552
12/19 11:10	27.24	24.73	0.0909	42.49	14.40	4551
12/19 11:11	27.24	24.73	0.0909	42.49	14.40	4552
12/19 11:12	27.27	24.75	0.0910	42.54	14.40	4552
Average (all)	27.16	24.62	0.0905	42.31	14.39	4551
Total (all)	--	--	--	--	--	--
Minimum (all)	27.04	24.47	0.0899	42.01	14.38	4550
Maximum (all)	27.28	24.75	0.0910	42.54	14.40	4553
Average (valid values only)	27.16	24.62	0.0905	42.31	14.39	4551
Total (valid values only)	--	--	--	--	--	--
Count (valid values only)	30	30	30	30	30	30

<13> = Down

CeDAR 1-Minute Data

LAKE COGEN

Data for 12/19/2007 10:43 AM thru 12/19/2007 11:12 AM

Timestamp	(Turbine 1) DB Gas Flow hscf/hr 1-Min	(Turbine 1) Sprint Flow gal/min 1-Min	(Turbine 1) Total Gas Flow hscf/hr 1-Min	(Turbine 1) Water Injection -1-Min gal/hr	(Turbine 1) CT Megawatts 1-Min
12/19 10:43	0 <13>	16.23	4551	41.63	49.0
12/19 10:44	0 <13>	16.22	4551	41.65	49.0
12/19 10:45	0 <13>	16.23	4551	41.65	49.0
12/19 10:46	0 <13>	16.23	4551	41.63	49.0
12/19 10:47	0 <13>	16.23	4550	41.64	49.0
12/19 10:48	0 <13>	16.23	4552	41.64	49.0
12/19 10:49	0 <13>	16.23	4550	41.64	49.0
12/19 10:50	0 <13>	16.23	4550	41.63	49.0
12/19 10:51	0 <13>	16.23	4552	41.63	49.0
12/19 10:52	0 <13>	16.23	4552	41.64	49.0
12/19 10:53	0 <13>	16.23	4552	41.64	49.0
12/19 10:54	0 <13>	16.23	4552	41.64	49.0
12/19 10:55	0 <13>	16.23	4553	41.65	49.0
12/19 10:56	0 <13>	16.23	4552	41.63	49.0
12/19 10:57	0 <13>	16.23	4550	41.63	49.0
12/19 10:58	0 <13>	16.23	4552	41.62	49.0
12/19 10:59	0 <13>	16.23	4551	41.64	49.0
12/19 11:00	0 <13>	16.23	4552	41.64	49.0
12/19 11:01	0 <13>	16.23	4550	41.64	49.0
12/19 11:02	0 <13>	16.23	4550	41.63	49.0
12/19 11:03	0 <13>	16.23	4550	41.63	49.0
12/19 11:04	0 <13>	16.23	4552	41.63	49.0
12/19 11:05	0 <13>	16.23	4552	41.64	49.0
12/19 11:06	0 <13>	16.23	4552	41.65	49.0
12/19 11:07	0 <13>	16.23	4552	41.64	49.0
12/19 11:08	0 <13>	16.23	4552	41.63	49.0
12/19 11:09	0 <13>	16.23	4552	41.64	49.0
12/19 11:10	0 <13>	16.23	4551	41.65	49.0
12/19 11:11	0 <13>	16.23	4552	41.64	49.0
12/19 11:12	0 <13>	16.23	4552	41.64	49.0
Average (all)	0	16.23	4551	41.64	49.0
Total (all)	--	--	--	--	--
Minimum (all)	0	16.22	4550	41.62	49.0
Maximum (all)	0	16.23	4553	41.65	49.0
Average (valid values only)	--	16.23	4551	41.64	49.0
Total (valid values only)	--	--	--	--	--
Count (valid values only)	0	30	30	30	30

<13> = Down

CeDAR 1-Minute Data
LAKE COGEN
Data for 12/19/2007 11:26 AM thru 12/19/2007 11:55 AM

Timestamp	(Turbine 1) 60-NOx ppm 1-Min	(Turbine 1) NOx ppm @15% O2 1-Min	(Turbine 1) 60-NOx lb/mmbtu 1-Min	(Turbine 1) NOx lb/hr 1-Min Avg	(Turbine 1) 60-O2% 1-Min	(Turbine 1) CT Gas Flow hscf/hr 1-Min
12/19 11:26	27.33	24.81	0.0912	42.63	14.40	4551
12/19 11:27	27.31	24.79	0.0911	42.57	14.40	4550
12/19 11:28	27.28	24.72	0.0909	42.48	14.39	4550
12/19 11:29	27.27	24.71	0.0909	42.47	14.39	4549
12/19 11:30	27.28	24.76	0.0910	42.51	14.40	4549
12/19 11:31	27.31	24.79	0.0911	42.56	14.40	4549
12/19 11:32	27.34	24.82	0.0912	42.61	14.40	4549
12/19 11:33	27.31	24.83	0.0913	42.65	14.41	4549
12/19 11:34	27.27	24.75	0.0910	42.52	14.40	4550
12/19 11:35	27.30	24.78	0.0911	42.57	14.40	4550
12/19 11:36	27.29	24.77	0.0911	42.57	14.40	4550
12/19 11:37	27.27	24.71	0.0909	42.49	14.39	4551
12/19 11:38	27.30	24.74	0.0910	42.53	14.39	4551
12/19 11:39	27.25	24.70	0.0908	42.43	14.39	4550
12/19 11:40	27.27	24.71	0.0909	42.48	14.39	4550
12/19 11:41	27.31	24.79	0.0911	42.57	14.40	4550
12/19 11:42	27.31	24.79	0.0911	42.56	14.40	4549
12/19 11:43	27.28	24.76	0.0910	42.52	14.40	4550
12/19 11:44	27.28	24.76	0.0910	42.52	14.40	4550
12/19 11:45	27.29	24.73	0.0909	42.48	14.39	4550
12/19 11:46	27.31	24.75	0.0910	42.53	14.39	4551
12/19 11:47	27.32	24.76	0.0910	42.52	14.39	4550
12/19 11:48	27.27	24.68	0.0907	42.38	14.38	4550
12/19 11:49	27.24	24.69	0.0908	42.43	14.39	4550
12/19 11:50	27.22	24.67	0.0907	42.38	14.39	4550
12/19 11:51	27.28	24.76	0.0910	42.52	14.40	4550
12/19 11:52	27.32	24.76	0.0910	42.52	14.39	4550
12/19 11:53	27.30	24.74	0.0910	42.51	14.39	4549
12/19 11:54	27.29	24.69	0.0908	42.43	14.38	4550
12/19 11:55	27.27	24.68	0.0907	42.39	14.38	4551
Average (all)	27.29	24.75	0.0910	42.51	14.39	4550
Total (all)	--	--	--	--	--	--
Minimum (all)	27.22	24.67	0.0907	42.38	14.38	4549
Maximum (all)	27.34	24.83	0.0913	42.65	14.41	4551
Average (valid values only)	27.29	24.75	0.0910	42.51	14.39	4550
Total (valid values only)	--	--	--	--	--	--
Count (valid values only)	30	30	30	30	30	30

<13> = Down

CeDAR 1-Minute Data
LAKE COGEN
Data for 12/19/2007 11:26 AM thru 12/19/2007 11:55 AM

Timestamp	(Turbine 1) DB Gas Flow hscf/hr 1-Min	(Turbine 1) Sprint Flow gal/min 1-Min	(Turbine 1) Total Gas Flow hscf/hr 1-Min	(Turbine 1) Water Injection - 1-Min gal/hr	(Turbine 1) CT Megawatts 1-Min
12/19 11:26	0 <13>	16.23	4551	41.64	49.0
12/19 11:27	0 <13>	16.23	4550	41.64	49.0
12/19 11:28	0 <13>	16.23	4550	41.64	49.0
12/19 11:29	0 <13>	16.23	4549	41.64	49.0
12/19 11:30	0 <13>	16.23	4549	41.65	49.0
12/19 11:31	0 <13>	16.23	4549	41.64	49.0
12/19 11:32	0 <13>	16.23	4549	41.65	49.0
12/19 11:33	0 <13>	16.23	4549	41.65	49.0
12/19 11:34	0 <13>	16.23	4550	41.64	49.0
12/19 11:35	0 <13>	16.23	4550	41.64	49.0
12/19 11:36	0 <13>	16.23	4550	41.64	49.0
12/19 11:37	0 <13>	16.23	4551	41.64	49.0
12/19 11:38	0 <13>	16.23	4551	41.64	49.0
12/19 11:39	0 <13>	16.23	4550	41.64	49.0
12/19 11:40	0 <13>	16.23	4550	41.64	49.0
12/19 11:41	0 <13>	16.23	4550	41.64	49.0
12/19 11:42	0 <13>	16.23	4549	41.64	49.0
12/19 11:43	0 <13>	16.23	4550	41.65	49.0
12/19 11:44	0 <13>	16.23	4550	41.64	49.0
12/19 11:45	0 <13>	16.23	4550	41.63	49.0
12/19 11:46	0 <13>	16.23	4551	41.63	49.0
12/19 11:47	0 <13>	16.23	4550	41.64	49.0
12/19 11:48	0 <13>	16.23	4550	41.64	49.0
12/19 11:49	0 <13>	16.23	4550	41.63	49.0
12/19 11:50	0 <13>	16.23	4550	41.63	49.0
12/19 11:51	0 <13>	16.23	4550	41.63	49.0
12/19 11:52	0 <13>	16.23	4550	41.64	49.0
12/19 11:53	0 <13>	16.23	4549	41.64	49.0
12/19 11:54	0 <13>	16.23	4550	41.64	49.0
12/19 11:55	0 <13>	16.23	4551	41.63	49.0
Average (all)	0	16.23	4550	41.64	49.0
Total (all)	--	--	--	--	--
Minimum (all)	0	16.23	4549	41.63	49.0
Maximum (all)	0	16.23	4551	41.65	49.0
Average (valid values only)	--	16.23	4550	41.64	49.0
Total (valid values only)	--	--	--	--	--
Count (valid values only)	0	30	30	30	30

<13> = Down

CeDAR 1-Minute Data

LAKE COGEN

Data for 12/19/2007 1:53 PM thru 12/19/2007 2:22 PM

Timestamp	(Turbine 1) 60-NOx ppm 1-Min	(Turbine 1) NOx ppm @15% O2 1-Min	(Turbine 1) 60-NOx lb/mmBtu 1-Min	(Turbine 1) NOx lb/hr 1-Min Avg	(Turbine 1) 60-O2% 1-Min	(Turbine 1) CT Gas Flow hscf/hr 1-Min	(Turbine 1) DB Gas Flow hscf/hr 1-Min	(Turbine 1) Sprint Flow gal/min 1-Min	(Turbine 1) Total Gas Flow hscf/hr 1-Min
12/19 13:53	28.56	23.67	0.0870	44.41	13.78	4559	412	16.08	4971
12/19 13:54	28.33	23.48	0.0863	44.05	13.78	4558	412	16.08	4970
12/19 13:55	28.25	23.41	0.0861	43.95	13.78	4557	413	16.08	4970
12/19 13:56	28.34	23.48	0.0863	44.05	13.78	4557	413	16.08	4970
12/19 13:57	28.44	23.57	0.0866	44.22	13.78	4558	414	16.09	4972
12/19 13:58	28.40	23.57	0.0866	44.20	13.79	4556	414	16.08	4970
12/19 13:59	28.28	23.43	0.0861	43.97	13.78	4557	415	16.09	4972
12/19 14:00	28.30	23.42	0.0861	43.97	13.77	4558	415	16.08	4973
12/19 14:01	28.26	23.38	0.0860	43.93	13.77	4558	416	16.09	4974
12/19 14:02	28.29	23.41	0.0861	44.00	13.77	4559	417	16.08	4976
12/19 14:03	28.27	23.36	0.0859	43.91	13.76	4559	418	16.08	4977
12/19 14:04	28.26	23.38	0.0860	43.95	13.77	4558	418	16.08	4976
12/19 14:05	28.26	23.38	0.0860	43.95	13.77	4557	419	16.08	4976
12/19 14:06	28.32	23.43	0.0861	44.01	13.77	4558	420	16.08	4978
12/19 14:07	28.39	23.46	0.0862	44.07	13.76	4557	421	16.08	4978
12/19 14:08	28.32	23.43	0.0861	44.03	13.77	4558	422	16.08	4980
12/19 14:09	28.26	23.35	0.0858	43.88	13.76	4558	422	16.08	4980
12/19 14:10	28.29	23.34	0.0858	43.90	13.75	4559	423	16.08	4982
12/19 14:11	28.32	23.37	0.0859	43.95	13.75	4559	423	16.09	4982
12/19 14:12	28.35	23.36	0.0859	43.95	13.74	4559	423	16.08	4982
12/19 14:13	28.39	23.43	0.0861	44.06	13.75	4559	424	16.09	4983
12/19 14:14	28.41	23.44	0.0862	44.09	13.75	4557	424	16.08	4981
12/19 14:15	28.43	23.49	0.0864	44.22	13.76	4559	425	16.08	4984
12/19 14:16	28.38	23.42	0.0861	44.06	13.75	4558	425	16.08	4983
12/19 14:17	28.36	23.40	0.0860	44.02	13.75	4558	426	16.09	4984
12/19 14:18	28.34	23.35	0.0858	43.92	13.74	4559	426	16.08	4985
12/19 14:19	28.31	23.36	0.0859	43.97	13.75	4558	426	16.09	4984
12/19 14:20	28.31	23.33	0.0858	43.90	13.74	4557	426	16.09	4983
12/19 14:21	28.30	23.35	0.0858	43.92	13.75	4558	427	16.08	4985
12/19 14:22	28.28	23.34	0.0858	43.94	13.75	4560	427	16.08	4987

Timestamp	(Turbine 1) 60-NOx ppm 1-Min	(Turbine 1) NOx ppm @15% O2 1-Min	(Turbine 1) 60-NOx lb/mmBtu 1-Min	(Turbine 1) NOx lb/hr 1-Min Avg	(Turbine 1) 60-O2% 1-Min	(Turbine 1) CT Gas Flow hscf/hr 1-Min	(Turbine 1) DB Gas Flow hscf/hr 1-Min	(Turbine 1) Sprint Flow gal/min 1-Min	(Turbine 1) Total Gas Flow hscf/hr 1-Min
Average (all)	28.33	23.42	0.0861	44.02	13.76	4558	420	16.08	4978
Total (all)	--	--	--	--	--	--	--	--	--
Minimum (all)	28.25	23.33	0.0858	43.88	13.74	4556	412	16.08	4970
Maximum (all)	28.56	23.67	0.0870	44.41	13.79	4560	427	16.09	4987
Average (valid values only)	28.33	23.42	0.0861	44.02	13.76	4558	420	16.08	4978
Total (valid values only)	--	--	--	--	--	--	--	--	--
Count (valid values only)	30	30	30	30	30	30	30	30	30

CeDAR 1-Minute Data

LAKE COGEN

Data for 12/19/2007 1:53 PM thru 12/19/2007 2:22 PM

Timestamp	(Turbine 1) Water Injection - 1-Min gal/hr	(Turbine 1) CT Megawatts 1-Min
12/19 13:53	41.05	49.1
12/19 13:54	41.05	49.1
12/19 13:55	41.06	49.1
12/19 13:56	41.06	49.1
12/19 13:57	41.06	49.1
12/19 13:58	41.08	49.1
12/19 13:59	41.09	49.1
12/19 14:00	41.09	49.1
12/19 14:01	41.09	49.1
12/19 14:02	41.09	49.1
12/19 14:03	41.08	49.1
12/19 14:04	41.06	49.1
12/19 14:05	41.05	49.1
12/19 14:06	41.05	49.1
12/19 14:07	41.06	49.1
12/19 14:08	41.05	49.1
12/19 14:09	41.05	49.1
12/19 14:10	41.06	49.1
12/19 14:11	41.05	49.1
12/19 14:12	41.06	49.1
12/19 14:13	41.06	49.1
12/19 14:14	41.06	49.1
12/19 14:15	41.05	49.1
12/19 14:16	41.05	49.1
12/19 14:17	41.09	49.1
12/19 14:18	41.09	49.1
12/19 14:19	41.09	49.1
12/19 14:20	41.09	49.1
12/19 14:21	41.09	49.1
12/19 14:22	41.09	49.1

Timestamp	(Turbine 1) Water Injection - 1-Min gal/hr	(Turbine 1) CT Megawatts 1-Min
Average (all)	41.07	49.1
Total (all)	--	--
Minimum (all)	41.05	49.1
Maximum (all)	41.09	49.1
Average (valid values only)	41.07	49.1
Total (valid values only)	--	--
Count (valid values only)	30	30

CeDAR 1-Minute Data

LAKE COGEN

Data for 12/19/2007 2:36 PM thru 12/19/2007 3:05 PM

Timestamp	(Turbine 1) 60-NOx ppm 1-Min	(Turbine 1) NOx ppm @15% O2 1-Min	(Turbine 1) 60-NOx lb/mmBtu 1-Min	(Turbine 1) NOx lb/hr 1-Min Avg	(Turbine 1) 60-O2% 1-Min	(Turbine 1) CT Gas Flow hscf/hr 1-Min	(Turbine 1) DB Gas Flow hscf/hr 1-Min	(Turbine 1) Sprint Flow gal/min 1-Min	(Turbine 1) Total Gas Flow hscf/hr 1-Min
12/19 14:36	28.26	23.32	0.0857	43.91	13.75	4560	429	16.08	4989
12/19 14:37	28.21	23.31	0.0857	43.91	13.76	4559	429	16.08	4988
12/19 14:38	28.19	23.26	0.0855	43.82	13.75	4561	429	16.09	4990
12/19 14:39	28.21	23.28	0.0856	43.86	13.75	4560	429	16.08	4989
12/19 14:40	28.27	23.33	0.0858	43.96	13.75	4559	430	16.08	4989
12/19 14:41	28.26	23.35	0.0858	43.96	13.76	4560	429	16.14	4989
12/19 14:42	28.28	23.37	0.0859	44.02	13.76	4560	430	16.39	4990
12/19 14:43	28.31	23.36	0.0859	44.02	13.75	4559	431	16.39	4990
12/19 14:44	28.26	23.32	0.0857	43.92	13.75	4560	431	16.39	4991
12/19 14:45	28.22	23.29	0.0856	43.84	13.75	4559	428	16.39	4987
12/19 14:46	28.21	23.25	0.0855	43.78	13.74	4555	430	16.39	4985
12/19 14:47	28.07	23.16	0.0851	43.57	13.75	4555	430	16.39	4985
12/19 14:48	28.10	23.19	0.0852	43.63	13.75	4557	430	16.39	4987
12/19 14:49	28.15	23.26	0.0855	43.81	13.76	4558	432	16.39	4990
12/19 14:50	28.22	23.32	0.0857	43.92	13.76	4559	431	16.39	4990
12/19 14:51	28.22	23.29	0.0856	43.87	13.75	4559	431	16.39	4990
12/19 14:52	28.18	23.25	0.0855	43.81	13.75	4559	431	16.39	4990
12/19 14:53	28.17	23.25	0.0854	43.76	13.75	4558	431	16.39	4989
12/19 14:54	28.14	23.22	0.0854	43.77	13.75	4559	431	16.39	4990
12/19 14:55	28.21	23.25	0.0855	43.81	13.74	4559	431	16.39	4990
12/19 14:56	28.24	23.30	0.0857	43.91	13.75	4558	431	16.39	4989
12/19 14:57	28.28	23.34	0.0858	43.96	13.75	4558	431	16.39	4989
12/19 14:58	28.32	23.37	0.0859	44.01	13.75	4558	431	16.39	4989
12/19 14:59	28.31	23.36	0.0859	43.99	13.75	4556	431	16.39	4987
12/19 15:00	28.27	23.33	0.0858	43.95	13.75	4556	431	16.39	4987
12/19 15:01	28.25	23.31	0.0857	43.89	13.75	4556	431	16.39	4987
12/19 15:02	28.21	23.28	0.0856	43.82	13.75	4554	431	16.39	4985
12/19 15:03	28.23	23.26	0.0855	43.78	13.74	4555	431	16.39	4986
12/19 15:04	28.19	23.23	0.0854	43.74	13.74	4556	431	16.39	4987
12/19 15:05	28.31	23.36	0.0859	43.98	13.75	4555	431	16.39	4986

Timestamp	(Turbine 1) 60-NOx ppm 1-Min	(Turbine 1) NOx ppm @15% O2 1-Min	(Turbine 1) 60-NOx lb/mmBtu 1-Min	(Turbine 1) NOx lb/hr 1-Min Avg	(Turbine 1) 60-O2% 1-Min	(Turbine 1) CT Gas Flow hscf/hr 1-Min	(Turbine 1) DB Gas Flow hscf/hr 1-Min	(Turbine 1) Sprint Flow gal/min 1-Min	(Turbine 1) Total Gas Flow hscf/hr 1-Min
Average (all)	28.23	23.29	0.0856	43.87	13.75	4558	430	16.33	4988
Total (all)	--	--	--	--	--	--	--	--	--
Minimum (all)	28.07	23.16	0.0851	43.57	13.74	4554	428	16.08	4985
Maximum (all)	28.32	23.37	0.0859	44.02	13.76	4561	432	16.39	4991
Average (valid values only)	28.23	23.29	0.0856	43.87	13.75	4558	430	16.33	4988
Total (valid values only)	--	--	--	--	--	--	--	--	--
Count (valid values only)	30	30	30	30	30	30	30	30	30

CeDAR 1-Minute Data

LAKE COGEN

Data for 12/19/2007 2:36 PM thru 12/19/2007 3:05 PM

Timestamp	(Turbine 1) Total Heat Input Rate 1-Min mmBtu/hr	(Turbine 1) Turbine Heat Input Rate 1-Min mmBtu/hr	(Turbine 1) Water Injection - 1-Min gal/hr	(Turbine 1) CT Megawatts 1-Min
12/19 14:36	512.4	468.3	42.12	49.1
12/19 14:37	512.3	468.2	42.12	49.1
12/19 14:38	512.5	468.4	42.12	49.1
12/19 14:39	512.4	468.3	42.13	49.1
12/19 14:40	512.4	468.2	42.12	49.1
12/19 14:41	512.4	468.3	42.12	49.1
12/19 14:42	512.5	468.3	42.12	49.1
12/19 14:43	512.5	468.2	42.12	49.1
12/19 14:44	512.6	468.3	42.12	49.1
12/19 14:45	512.2	468.2	42.12	49.1
12/19 14:46	512.0	467.8	42.12	49.1
12/19 14:47	512.0	467.8	42.13	49.1
12/19 14:48	512.2	468.0	42.12	49.1
12/19 14:49	512.5	468.1	42.12	49.1
12/19 14:50	512.5	468.2	42.12	49.1
12/19 14:51	512.5	468.2	42.12	49.1
12/19 14:52	512.5	468.2	42.12	49.1
12/19 14:53	512.4	468.1	42.12	49.1
12/19 14:54	512.5	468.2	42.12	49.1
12/19 14:55	512.5	468.2	42.13	49.1
12/19 14:56	512.4	468.1	42.13	49.1
12/19 14:57	512.4	468.1	42.12	49.1
12/19 14:58	512.4	468.1	42.12	49.1
12/19 14:59	512.2	467.9	42.12	49.1
12/19 15:00	512.2	467.9	42.12	49.1
12/19 15:01	512.2	467.9	42.12	49.1
12/19 15:02	512.0	467.7	42.12	49.1
12/19 15:03	512.1	467.8	42.12	49.1
12/19 15:04	512.2	467.9	42.12	49.1
12/19 15:05	512.1	467.8	42.12	49.1

Timestamp	(Turbine 1) Total Heat Input Rate 1-Min mmBtu/hr	(Turbine 1) Turbine Heat Input Rate 1-Min mmBtu/hr	(Turbine 1) Water Injection - 1-Min gal/hr	(Turbine 1) CT Megawatts 1-Min
Average (all)	512.3	468.1	42.12	49.1
Total (all)	--	--	--	--
Minimum (all)	512.0	467.7	42.12	49.1
Maximum (all)	512.6	468.4	42.13	49.1
Average (valid values only)	512.3	468.1	42.12	49.1
Total (valid values only)	--	--	--	--
Count (valid values only)	30	30	30	30

CeDAR 1-Minute Data

LAKE COGEN

Data for 12/19/2007 3:19 PM thru 12/19/2007 3:48 PM

Timestamp	(Turbine 1) 60-NOx ppm 1-Min	(Turbine 1) NOx ppm @15% O2 1-Min	(Turbine 1) 60-NOx lb/mmBtu 1-Min	(Turbine 1) NOx lb/hr 1-Min Avg	(Turbine 1) 60-O2% 1-Min	(Turbine 1) CT Gas Flow hscf/hr 1-Min	(Turbine 1) DB Gas Flow hscf/hr 1-Min	(Turbine 1) Sprint Flow gal/min 1-Min	(Turbine 1) Total Gas Flow hscf/hr 1-Min
12/19 15:19	28.09	23.21	0.0853	43.67	13.76	4554	431	16.39	4985
12/19 15:20	28.15	23.26	0.0855	43.77	13.76	4554	431	16.39	4985
12/19 15:21	28.23	23.29	0.0856	43.84	13.75	4556	431	16.39	4987
12/19 15:22	28.29	23.38	0.0859	43.98	13.76	4555	431	16.39	4986
12/19 15:23	28.27	23.36	0.0859	43.98	13.76	4555	431	16.39	4986
12/19 15:24	28.31	23.39	0.0860	44.02	13.76	4553	431	16.39	4984
12/19 15:25	28.31	23.43	0.0861	44.09	13.77	4555	431	16.39	4986
12/19 15:26	28.27	23.33	0.0858	43.94	13.75	4555	431	16.39	4986
12/19 15:27	28.26	23.35	0.0858	43.95	13.76	4556	431	16.39	4987
12/19 15:28	28.24	23.37	0.0859	43.99	13.77	4556	431	16.39	4987
12/19 15:29	28.10	23.25	0.0855	43.78	13.77	4555	431	16.39	4986
12/19 15:30	28.12	23.27	0.0855	43.78	13.77	4555	431	16.39	4986
12/19 15:31	28.16	23.30	0.0857	43.88	13.77	4555	431	16.39	4986
12/19 15:32	28.22	23.35	0.0858	43.95	13.77	4555	432	16.39	4987
12/19 15:33	28.19	23.33	0.0857	43.88	13.77	4555	431	16.39	4986
12/19 15:34	28.23	23.36	0.0859	44.00	13.77	4556	432	16.39	4988
12/19 15:35	28.23	23.29	0.0856	43.87	13.75	4558	432	16.39	4990
12/19 15:36	28.23	23.33	0.0858	43.97	13.76	4556	433	16.39	4989
12/19 15:37	28.16	23.27	0.0855	43.80	13.76	4556	432	16.39	4988
12/19 15:38	28.13	23.24	0.0854	43.76	13.76	4556	433	16.39	4989
12/19 15:39	28.15	23.26	0.0855	43.81	13.76	4556	433	16.39	4989
12/19 15:40	28.22	23.32	0.0857	43.89	13.76	4555	432	16.39	4987
12/19 15:41	28.20	23.30	0.0857	43.90	13.76	4556	432	16.39	4988
12/19 15:42	28.18	23.32	0.0857	43.89	13.77	4555	432	16.39	4987
12/19 15:43	28.21	23.31	0.0857	43.90	13.76	4556	432	16.39	4988
12/19 15:44	28.18	23.29	0.0856	43.85	13.76	4556	432	16.39	4988
12/19 15:45	28.16	23.27	0.0855	43.80	13.76	4557	432	16.39	4989
12/19 15:46	28.11	23.23	0.0854	43.72	13.76	4555	430	16.39	4985
12/19 15:47	28.13	23.24	0.0854	43.74	13.76	4555	432	16.39	4987
12/19 15:48	28.12	23.24	0.0854	43.74	13.76	4555	432	16.39	4987

Timestamp	(Turbine 1) 60-NOx ppm 1-Min	(Turbine 1) NOx ppm @15% O2 1-Min	(Turbine 1) 60-NOx lb/mmBtu 1-Min	(Turbine 1) NOx lb/hr 1-Min Avg	(Turbine 1) 60-O2% 1-Min	(Turbine 1) CT Gas Flow hscf/hr 1-Min	(Turbine 1) DB Gas Flow hscf/hr 1-Min	(Turbine 1) Sprint Flow gal/min 1-Min	(Turbine 1) Total Gas Flow hscf/hr 1-Min
Average (all)	28.20	23.30	0.0857	43.87	13.76	4555	432	16.39	4987
Total (all)	--	--	--	--	--	--	--	--	--
Minimum (all)	28.09	23.21	0.0853	43.67	13.75	4553	430	16.39	4984
Maximum (all)	28.31	23.43	0.0861	44.09	13.77	4558	433	16.39	4990
Average (valid values only)	28.20	23.30	0.0857	43.87	13.76	4555	432	16.39	4987
Total (valid values only)	--	--	--	--	--	--	--	--	--
Count (valid values only)	30	30	30	30	30	30	30	30	30

CeDAR 1-Minute Data

LAKE COGEN

Data for 12/19/2007 3:19 PM thru 12/19/2007 3:48 PM

Timestamp	(Turbine 1) Total Heat Input Rate 1-Min mmBtu/hr	(Turbine 1) Turbine Heat Input Rate 1-Min mmBtu/hr	(Turbine 1) Water Injection - 1-Min gal/hr	(Turbine 1) CT Megawatts 1-Min
12/19 15:19	512.0	467.7	42.12	49.1
12/19 15:20	512.0	467.7	42.12	49.1
12/19 15:21	512.2	467.9	42.13	49.1
12/19 15:22	512.1	467.8	42.13	49.1
12/19 15:23	512.1	467.8	42.12	49.1
12/19 15:24	511.9	467.6	42.12	49.1
12/19 15:25	512.1	467.8	42.12	49.1
12/19 15:26	512.1	467.8	42.12	49.1
12/19 15:27	512.2	467.9	42.12	49.1
12/19 15:28	512.2	467.9	42.12	49.1
12/19 15:29	512.1	467.8	42.12	49.1
12/19 15:30	512.1	467.8	42.13	49.1
12/19 15:31	512.1	467.8	42.12	49.1
12/19 15:32	512.2	467.8	42.12	49.1
12/19 15:33	512.1	467.8	42.12	49.1
12/19 15:34	512.3	467.9	42.12	49.1
12/19 15:35	512.5	468.1	42.12	49.1
12/19 15:36	512.4	467.9	42.12	49.1
12/19 15:37	512.3	467.9	42.12	49.1
12/19 15:38	512.4	467.9	42.12	49.1
12/19 15:39	512.4	467.9	42.12	49.1
12/19 15:40	512.2	467.8	42.12	49.1
12/19 15:41	512.3	467.9	42.12	49.1
12/19 15:42	512.2	467.8	42.12	49.1
12/19 15:43	512.3	467.9	42.12	49.1
12/19 15:44	512.3	467.9	42.12	49.1
12/19 15:45	512.4	468.0	42.12	49.1
12/19 15:46	512.0	467.8	42.12	49.1
12/19 15:47	512.2	467.8	42.12	49.1
12/19 15:48	512.2	467.8	42.12	49.1

Timestamp	(Turbine 1) Total Heat Input Rate 1-Min mmBtu/hr	(Turbine 1) Turbine Heat Input Rate 1-Min mmBtu/hr	(Turbine 1) Water Injection - 1-Min gal/hr	(Turbine 1) CT Megawatts 1-Min
Average (all)	512.2	467.8	42.12	49.1
Total (all)	--	--	--	--
Minimum (all)	511.9	467.6	42.12	49.1
Maximum (all)	512.5	468.1	42.13	49.1
Average (valid values only)	512.2	467.8	42.12	49.1
Total (valid values only)	--	--	--	--
Count (valid values only)	30	30	30	30

CeDAR 1-Minute Data

LAKE COGEN

Data for 12/19/2007 4:00 PM thru 12/19/2007 4:29 PM

Timestamp	(Turbine 1) 60-NOx ppm 1-Min	(Turbine 1) NOx ppm @15% O2 1-Min	(Turbine 1) 60-NOx lb/mmBtu 1-Min	(Turbine 1) NOx lb/hr 1-Min Avg	(Turbine 1) 60-O2% 1-Min	(Turbine 1) CT Gas Flow hscf/hr 1-Min	(Turbine 1) DB Gas Flow hscf/hr 1-Min	(Turbine 1) Sprint Flow gal/min 1-Min	(Turbine 1) Total Gas Flow hscf/hr 1-Min
12/19 16:00	28.32	23.37	0.0859	44.03	13.75	4559	432	16.39	4991
12/19 16:01	28.31	23.33	0.0858	43.98	13.74	4559	432	16.39	4991
12/19 16:02	28.29	23.31	0.0857	43.91	13.74	4557	432	16.39	4989
12/19 16:03	28.24	23.27	0.0855	43.80	13.74	4557	432	16.39	4989
12/19 16:04	28.22	23.29	0.0856	43.84	13.75	4556	431	16.39	4987
12/19 16:05	28.26	23.35	0.0858	43.94	13.76	4557	430	16.39	4987
12/19 16:06	28.25	23.31	0.0857	43.90	13.75	4558	430	16.39	4988
12/19 16:07	28.35	23.43	0.0861	44.10	13.76	4557	430	16.39	4987
12/19 16:08	28.32	23.37	0.0859	44.01	13.75	4559	430	16.39	4989
12/19 16:09	28.33	23.38	0.0859	43.98	13.75	4557	429	16.39	4986
12/19 16:10	28.34	23.35	0.0858	43.94	13.74	4556	430	16.39	4986
12/19 16:11	28.24	23.30	0.0857	43.88	13.75	4556	430	16.39	4986
12/19 16:12	28.30	23.35	0.0858	43.94	13.75	4557	430	16.39	4987
12/19 16:13	28.31	23.39	0.0860	44.06	13.76	4558	430	16.39	4988
12/19 16:14	28.37	23.44	0.0862	44.16	13.76	4558	430	16.39	4988
12/19 16:15	28.38	23.45	0.0862	44.16	13.76	4558	430	16.39	4988
12/19 16:16	28.38	23.45	0.0862	44.16	13.76	4558	430	16.39	4988
12/19 16:17	28.40	23.43	0.0861	44.10	13.75	4558	430	16.39	4988
12/19 16:18	28.34	23.42	0.0861	44.09	13.76	4556	430	16.39	4986
12/19 16:19	28.26	23.35	0.0858	43.94	13.76	4556	430	16.39	4986
12/19 16:20	28.30	23.35	0.0858	43.94	13.75	4557	430	16.39	4987
12/19 16:21	28.26	23.38	0.0860	44.05	13.77	4557	430	16.39	4987
12/19 16:22	28.29	23.38	0.0859	43.98	13.76	4556	430	16.39	4986
12/19 16:23	28.33	23.44	0.0862	44.14	13.77	4555	431	16.29	4986
12/19 16:24	28.33	23.41	0.0861	44.11	13.76	4557	431	16.08	4988
12/19 16:25	28.34	23.42	0.0861	44.11	13.76	4557	431	16.09	4988
12/19 16:26	28.32	23.40	0.0860	44.05	13.76	4556	431	16.08	4987
12/19 16:27	28.28	23.37	0.0859	44.00	13.76	4557	431	16.08	4988
12/19 16:28	28.21	23.31	0.0857	43.89	13.76	4556	431	16.09	4987
12/19 16:29	28.14	23.25	0.0855	43.79	13.76	4556	431	16.08	4987

Timestamp	(Turbine 1) 60-NOx ppm 1-Min	(Turbine 1) NOx ppm @15% O2 1-Min	(Turbine 1) 60-NOx lb/mmBtu 1-Min	(Turbine 1) NOx lb/hr 1-Min Avg	(Turbine 1) 60-O2% 1-Min	(Turbine 1) CT Gas Flow hscf/hr 1-Min	(Turbine 1) DB Gas Flow hscf/hr 1-Min	(Turbine 1) Sprint Flow gal/min 1-Min	(Turbine 1) Total Gas Flow hscf/hr 1-Min
Average (all)	28.30	23.37	0.0859	44.00	13.76	4557	431	16.33	4988
Total (all)	--	--	--	--	--	--	--	--	--
Minimum (all)	28.14	23.25	0.0855	43.79	13.74	4555	429	16.08	4986
Maximum (all)	28.40	23.45	0.0862	44.16	13.77	4559	432	16.39	4991
Average (valid values only)	28.30	23.37	0.0859	44.00	13.76	4557	431	16.33	4988
Total (valid values only)	--	--	--	--	--	--	--	--	--
Count (valid values only)	30	30	30	30	30	30	30	30	30

CeDAR 1-Minute Data

LAKE COGEN

Data for 12/19/2007 4:00 PM thru 12/19/2007 4:29 PM

Timestamp	(Turbine 1) Total Heat Input Rate 1-Min mmBtu/hr	(Turbine 1) Turbine Heat Input Rate 1-Min mmBtu/hr	(Turbine 1) Water Injection - 1-Min gal/hr	(Turbine 1) CT Megawatts 1-Min
12/19 16:00	512.6	468.2	42.12	49.1
12/19 16:01	512.6	468.2	42.13	49.1
12/19 16:02	512.4	468.0	42.12	49.1
12/19 16:03	512.4	468.0	42.12	49.1
12/19 16:04	512.2	467.9	42.12	49.1
12/19 16:05	512.2	468.0	42.12	49.1
12/19 16:06	512.3	468.1	42.12	49.1
12/19 16:07	512.2	468.0	42.12	49.1
12/19 16:08	512.4	468.2	42.12	49.1
12/19 16:09	512.1	468.0	42.12	49.1
12/19 16:10	512.1	467.9	42.12	49.1
12/19 16:11	512.1	467.9	42.12	49.1
12/19 16:12	512.2	468.0	42.12	49.1
12/19 16:13	512.3	468.1	42.13	49.1
12/19 16:14	512.3	468.1	42.12	49.1
12/19 16:15	512.3	468.1	42.12	49.1
12/19 16:16	512.3	468.1	42.12	49.1
12/19 16:17	512.3	468.1	42.12	49.1
12/19 16:18	512.1	467.9	42.12	49.1
12/19 16:19	512.1	467.9	42.12	49.1
12/19 16:20	512.2	468.0	42.12	49.1
12/19 16:21	512.2	468.0	42.12	49.1
12/19 16:22	512.1	467.9	42.12	49.1
12/19 16:23	512.1	467.8	42.12	49.1
12/19 16:24	512.3	468.0	42.12	49.1
12/19 16:25	512.3	468.0	42.12	49.1
12/19 16:26	512.2	467.9	42.12	49.1
12/19 16:27	512.3	468.0	42.13	49.1
12/19 16:28	512.2	467.9	42.12	49.1
12/19 16:29	512.2	467.9	42.12	49.1

Timestamp	(Turbine 1) Total Heat Input Rate 1-Min mmBtu/hr	(Turbine 1) Turbine Heat Input Rate 1-Min mmBtu/hr	(Turbine 1) Water Injection - 1-Min gal/hr	(Turbine 1) CT Megawatts 1-Min
Average (all)	512.3	468.0	42.12	49.1
Total (all)	--	--	--	--
Minimum (all)	512.1	467.8	42.12	49.1
Maximum (all)	512.6	468.2	42.13	49.1
Average (valid values only)	512.3	468.0	42.12	49.1
Total (valid values only)	--	--	--	--
Count (valid values only)	30	30	30	30

CeDAR 1-Minute Data

LAKE COGEN

Data for 12/19/2007 4:43 PM thru 12/19/2007 5:12 PM

Timestamp	(Turbine 1) 60-NOx ppm 1-Min	(Turbine 1) NOx ppm @15% O2 1-Min	(Turbine 1) 60-NOx lb/mmBtu 1-Min	(Turbine 1) NOx lb/hr 1-Min Avg	(Turbine 1) 60-O2% 1-Min	(Turbine 1) CT Gas Flow hscf/hr 1-Min	(Turbine 1) DB Gas Flow hscf/hr 1-Min	(Turbine 1) Sprint Flow gal/min 1-Min	(Turbine 1) Total Gas Flow hscf/hr 1-Min
12/19 16:43	28.41	23.48	0.0863	44.23	13.76	4558	432	16.08	4990
12/19 16:44	28.36	23.40	0.0860	44.07	13.75	4558	431	16.08	4989
12/19 16:45	28.24	23.34	0.0858	43.96	13.76	4556	432	16.08	4988
12/19 16:46	28.19	23.29	0.0856	43.85	13.76	4556	432	16.09	4988
12/19 16:47	28.15	23.26	0.0855	43.79	13.76	4557	431	16.09	4988
12/19 16:48	28.19	23.29	0.0856	43.86	13.76	4557	432	16.08	4989
12/19 16:49	28.32	23.40	0.0860	44.05	13.76	4556	431	16.08	4987
12/19 16:50	28.25	23.34	0.0858	43.96	13.76	4557	432	16.09	4989
12/19 16:51	28.31	23.39	0.0860	44.06	13.76	4556	432	16.08	4988
12/19 16:52	28.20	23.30	0.0857	43.90	13.76	4556	432	16.08	4988
12/19 16:53	28.19	23.29	0.0856	43.86	13.76	4557	432	16.08	4989
12/19 16:54	28.14	23.25	0.0855	43.80	13.76	4558	431	16.08	4989
12/19 16:55	28.15	23.26	0.0855	43.79	13.76	4556	431	16.08	4987
12/19 16:56	28.16	23.27	0.0855	43.78	13.76	4556	429	16.09	4985
12/19 16:57	28.18	23.32	0.0857	43.89	13.77	4557	429	16.09	4986
12/19 16:58	28.18	23.35	0.0858	43.92	13.78	4555	429	16.08	4984
12/19 16:59	28.21	23.34	0.0858	43.93	13.77	4556	429	16.08	4985
12/19 17:00	28.19	23.33	0.0857	43.88	13.77	4556	430	16.08	4986
12/19 17:01	28.12	23.24	0.0854	43.71	13.76	4555	429	16.08	4984
12/19 17:02	28.19	23.29	0.0856	43.83	13.76	4556	430	16.08	4986
12/19 17:03	28.17	23.28	0.0856	43.83	13.76	4557	429	16.08	4986
12/19 17:04	28.12	23.24	0.0854	43.73	13.76	4556	430	16.08	4986
12/19 17:05	28.13	23.28	0.0856	43.82	13.77	4556	429	16.09	4985
12/19 17:06	28.19	23.36	0.0859	43.97	13.78	4556	428	16.09	4984
12/19 17:07	28.23	23.36	0.0859	43.97	13.77	4556	428	16.08	4984
12/19 17:08	28.29	23.41	0.0861	44.08	13.77	4557	428	16.08	4985
12/19 17:09	28.33	23.41	0.0861	44.06	13.76	4556	426	16.09	4982
12/19 17:10	28.31	23.39	0.0860	44.02	13.76	4558	426	16.08	4984
12/19 17:11	28.36	23.43	0.0861	44.07	13.76	4558	426	16.08	4984
12/19 17:12	28.35	23.39	0.0860	44.06	13.75	4564	425	16.29	4989

Timestamp	(Turbine 1) 60-NOx ppm 1-Min	(Turbine 1) NOx ppm @15% O2 1-Min	(Turbine 1) 60-NOx lb/mmBtu 1-Min	(Turbine 1) NOx lb/hr 1-Min Avg	(Turbine 1) 60-O2% 1-Min	(Turbine 1) CT Gas Flow hscf/hr 1-Min	(Turbine 1) DB Gas Flow hscf/hr 1-Min	(Turbine 1) Sprint Flow gal/min 1-Min	(Turbine 1) Total Gas Flow hscf/hr 1-Min
Average (all)	28.23	23.33	0.0858	43.92	13.76	4557	430	16.09	4986
Total (all)	--	--	--	--	--	--	--	--	--
Minimum (all)	28.12	23.24	0.0854	43.71	13.75	4555	425	16.08	4982
Maximum (all)	28.41	23.48	0.0863	44.23	13.78	4564	432	16.29	4990
Average (valid values only)	28.23	23.33	0.0858	43.92	13.76	4557	430	16.09	4986
Total (valid values only)	--	--	--	--	--	--	--	--	--
Count (valid values only)	30	30	30	30	30	30	30	30	30

CeDAR 1-Minute Data

LAKE COGEN

Data for 12/19/2007 4:43 PM thru 12/19/2007 5:12 PM

Timestamp	(Turbine 1) Total Heat Input Rate 1-Min mmBtu/hr	(Turbine 1) Turbine Heat Input Rate 1-Min mmBtu/hr	(Turbine 1) Water Injection ~ 1-Min gal/hr	(Turbine 1) CT Megawatts 1-Min
12/19 16:43	512.5	468.1	42.12	49.1
12/19 16:44	512.4	468.1	42.12	49.1
12/19 16:45	512.3	467.9	42.12	49.1
12/19 16:46	512.3	467.9	42.12	49.1
12/19 16:47	512.3	468.0	42.12	49.1
12/19 16:48	512.4	468.0	42.12	49.1
12/19 16:49	512.2	467.9	42.11	49.1
12/19 16:50	512.4	468.0	42.12	49.1
12/19 16:51	512.3	467.9	42.12	49.1
12/19 16:52	512.3	467.9	42.12	49.1
12/19 16:53	512.4	468.0	42.12	49.1
12/19 16:54	512.4	468.1	42.12	49.1
12/19 16:55	512.2	467.9	42.12	49.1
12/19 16:56	512.0	467.9	42.12	49.1
12/19 16:57	512.1	468.0	42.13	49.1
12/19 16:58	511.9	467.8	42.11	49.1
12/19 16:59	512.0	467.9	42.12	49.1
12/19 17:00	512.1	467.9	42.12	49.1
12/19 17:01	511.9	467.8	42.12	49.1
12/19 17:02	512.1	467.9	42.11	49.1
12/19 17:03	512.1	468.0	42.11	49.1
12/19 17:04	512.1	467.9	42.12	49.1
12/19 17:05	512.0	467.9	42.12	49.1
12/19 17:06	511.9	467.9	42.12	49.1
12/19 17:07	511.9	467.9	42.12	49.1
12/19 17:08	512.0	468.0	42.12	49.1
12/19 17:09	511.7	467.9	42.12	49.1
12/19 17:10	511.9	468.1	42.12	49.1
12/19 17:11	511.9	468.1	41.09	49.1
12/19 17:12	512.3	468.7	41.09	49.1

Timestamp	(Turbine 1) Total Heat Input Rate 1-Min mmBtu/hr	(Turbine 1) Turbine Heat Input Rate 1-Min mmBtu/hr	(Turbine 1) Water Injection - 1-Min gal/hr	(Turbine 1) CT Megawatts 1-Min
Average (all)	512.1	468.0	42.05	49.1
Total (all)	--	--	--	--
Minimum (all)	511.7	467.8	41.09	49.1
Maximum (all)	512.5	468.7	42.13	49.1
Average (valid values only)	512.1	468.0	42.05	49.1
Total (valid values only)	--	--	--	--
Count (valid values only)	30	30	30	30

CeDAR 1-Minute Data

LAKE COGEN

Data for 12/19/2007 5:26 PM thru 12/19/2007 5:55 PM

Timestamp	(Turbine 1) 60-NOx ppm 1-Min	(Turbine 1) NOx ppm @15% O2 1-Min	(Turbine 1) 60-NOx lb/mmBtu 1-Min	(Turbine 1) NOx lb/hr 1-Min Avg	(Turbine 1) 60-O2% 1-Min	(Turbine 1) CT Gas Flow hscf/hr 1-Min	(Turbine 1) DB Gas Flow hscf/hr 1-Min	(Turbine 1) Sprint Flow gal/min 1-Min	(Turbine 1) Total Gas Flow hscf/hr 1-Min
12/19 17:26	29.13	24.21	0.0890	45.30	13.80	4535	421	16.39	4956
12/19 17:27	29.09	24.17	0.0889	45.24	13.80	4535	421	16.39	4956
12/19 17:28	29.07	24.16	0.0888	45.20	13.80	4535	421	16.39	4956
12/19 17:29	29.06	24.15	0.0888	45.19	13.80	4535	420	16.39	4955
12/19 17:30	29.03	24.09	0.0886	45.08	13.79	4535	420	16.39	4955
12/19 17:31	29.01	24.11	0.0886	45.08	13.80	4535	420	16.39	4955
12/19 17:32	28.98	24.08	0.0885	45.04	13.80	4536	419	16.39	4955
12/19 17:33	29.06	24.18	0.0889	45.23	13.81	4535	419	16.39	4954
12/19 17:34	29.12	24.20	0.0890	45.28	13.80	4535	419	16.39	4954
12/19 17:35	29.12	24.20	0.0890	45.28	13.80	4536	418	16.39	4954
12/19 17:36	29.05	24.11	0.0886	45.08	13.79	4537	418	16.39	4955
12/19 17:37	29.01	24.07	0.0885	45.02	13.79	4535	418	16.39	4953
12/19 17:38	28.90	24.02	0.0883	44.92	13.80	4535	418	16.39	4953
12/19 17:39	28.92	24.03	0.0883	44.91	13.80	4536	417	16.39	4953
12/19 17:40	28.92	24.03	0.0883	44.91	13.80	4535	417	16.39	4952
12/19 17:41	28.99	24.09	0.0886	45.07	13.80	4537	417	16.39	4954
12/19 17:42	29.07	24.19	0.0889	45.21	13.81	4535	417	16.39	4952
12/19 17:43	29.02	24.15	0.0888	45.15	13.81	4534	417	16.39	4951
12/19 17:44	29.00	24.13	0.0887	45.11	13.81	4535	417	16.39	4952
12/19 17:45	28.99	24.12	0.0887	45.10	13.81	4534	417	16.39	4951
12/19 17:46	28.99	24.12	0.0887	45.09	13.81	4534	416	16.39	4950
12/19 17:47	28.97	24.07	0.0885	45.00	13.80	4535	416	16.39	4951
12/19 17:48	28.93	24.04	0.0884	44.95	13.80	4535	416	16.39	4951
12/19 17:49	28.89	24.01	0.0882	44.85	13.80	4535	416	16.39	4951
12/19 17:50	28.88	24.00	0.0882	44.87	13.80	4537	416	16.39	4953
12/19 17:51	28.94	24.08	0.0885	45.00	13.81	4535	416	16.39	4951
12/19 17:52	29.03	24.16	0.0888	45.15	13.81	4535	416	16.39	4951
12/19 17:53	29.01	24.14	0.0887	45.10	13.81	4535	416	16.39	4951
12/19 17:54	29.01	24.14	0.0887	45.12	13.81	4537	416	16.39	4953
12/19 17:55	28.98	24.12	0.0886	45.06	13.81	4537	415	16.39	4952

Timestamp	(Turbine 1) 60-NOx ppm 1-Min	(Turbine 1) NOx ppm @15% O2 1-Min	(Turbine 1) 60-NOx lb/mmBtu 1-Min	(Turbine 1) NOx lb/hr 1-Min Avg	(Turbine 1) 60-O2% 1-Min	(Turbine 1) CT Gas Flow hscf/hr 1-Min	(Turbine 1) DB Gas Flow hscf/hr 1-Min	(Turbine 1) Sprint Flow gal/min 1-Min	(Turbine 1) Total Gas Flow hscf/hr 1-Min
Average (all)	29.01	24.11	0.0886	45.09	13.80	4535	418	16.39	4953
Total (all)	--	--	--	--	--	--	--	--	--
Minimum (all)	28.88	24.00	0.0882	44.85	13.79	4534	415	16.39	4950
Maximum (all)	29.13	24.21	0.0890	45.30	13.81	4537	421	16.39	4956
Average (valid values only)	29.01	24.11	0.0886	45.09	13.80	4535	418	16.39	4953
Total (valid values only)	--	--	--	--	--	--	--	--	--
Count (valid values only)	30	30	30	30	30	30	30	30	30

CeDAR 1-Minute Data

LAKE COGEN

Data for 12/19/2007 5:26 PM thru 12/19/2007 5:55 PM

Timestamp	(Turbine 1) Total Heat Input Rate 1-Min mmBtu/hr	(Turbine 1) Turbine Heat Input Rate 1-Min mmBtu/hr	(Turbine 1) Water Injection - 1-Min gal/hr	(Turbine 1) CT Megawatts 1-Min
12/19 17:26	508.9	465.7	41.09	48.8
12/19 17:27	508.9	465.7	41.09	48.8
12/19 17:28	508.9	465.7	41.09	48.8
12/19 17:29	508.8	465.7	41.09	48.8
12/19 17:30	508.8	465.7	41.09	48.8
12/19 17:31	508.8	465.7	41.09	48.8
12/19 17:32	508.8	465.8	41.09	48.8
12/19 17:33	508.7	465.7	41.09	48.8
12/19 17:34	508.7	465.7	41.09	48.8
12/19 17:35	508.7	465.8	41.09	48.8
12/19 17:36	508.8	465.9	41.09	48.8
12/19 17:37	508.6	465.7	41.09	48.8
12/19 17:38	508.6	465.7	41.05	48.8
12/19 17:39	508.6	465.8	41.07	48.8
12/19 17:40	508.5	465.7	41.06	48.8
12/19 17:41	508.7	465.9	41.06	48.8
12/19 17:42	508.5	465.7	41.06	48.8
12/19 17:43	508.4	465.6	41.07	48.8
12/19 17:44	508.5	465.7	41.09	48.8
12/19 17:45	508.4	465.6	41.09	48.8
12/19 17:46	508.3	465.6	41.09	48.8
12/19 17:47	508.4	465.7	41.09	48.8
12/19 17:48	508.4	465.7	41.09	48.8
12/19 17:49	508.4	465.7	41.09	48.8
12/19 17:50	508.6	465.9	41.09	48.8
12/19 17:51	508.4	465.7	41.09	48.8
12/19 17:52	508.4	465.7	41.09	48.8
12/19 17:53	508.4	465.7	41.09	48.8
12/19 17:54	508.6	465.9	41.09	48.8
12/19 17:55	508.5	465.9	41.09	48.8

Timestamp	(Turbine 1) Total Heat Input Rate 1-Min mmBtu/hr	(Turbine 1) Turbine Heat Input Rate 1-Min mmBtu/hr	(Turbine 1) Water Injection - 1-Min gal/hr	(Turbine 1) CT Megawatts 1-Min
Average (all)	508.6	465.7	41.08	48.8
Total (all)	--	--	--	--
Minimum (all)	508.3	465.6	41.05	48.8
Maximum (all)	508.9	465.9	41.09	48.8
Average (valid values only)	508.6	465.7	41.08	48.8
Total (valid values only)	--	--	--	--
Count (valid values only)	30	30	30	30

CT 2

CeDAR 1-Minute Data
LAKE COGEN
Data for 12/18/2007 7:46 AM thru 12/18/2007 8:15 AM

Timestamp	(Turbine 2) 60-NOx ppm 1-Min	(Turbine 2) NOx ppm @15% O2 1-Min	(Turbine 2) 60-NOx lb/mmBtu 1-Min	(Turbine 2) NOx lb/hr 1-Min Avg	(Turbine 2) 60-O2% 1-Min	(Turbine 2) CT Gas Flow hscf/hr 1-Min
12/18 7:46	27.29	24.89	0.0915	44.37	14.43	4618
12/18 7:47	27.26	24.86	0.0914	44.31	14.43	4617
12/18 7:48	27.29	24.85	0.0913	44.25	14.42	4616
12/18 7:49	27.42	24.97	0.0918	44.50	14.42	4617
12/18 7:50	27.39	24.94	0.0917	44.39	14.42	4610
12/18 7:51	26.80	24.40	0.0897	43.46	14.42	4614
12/18 7:52	26.77	24.34	0.0895	43.38	14.41	4616
12/18 7:53	26.83	24.39	0.0897	43.56	14.41	4625
12/18 7:54	26.87	24.43	0.0898	43.56	14.41	4620
12/18 7:55	26.81	24.37	0.0896	43.43	14.41	4616
12/18 7:56	26.78	24.35	0.0895	43.41	14.41	4619
12/18 7:57	26.76	24.33	0.0894	43.36	14.41	4619
12/18 7:58	26.73	24.34	0.0895	43.42	14.42	4620
12/18 7:59	26.66	24.27	0.0892	43.31	14.42	4624
12/18 8:00	26.61	24.23	0.0891	43.18	14.42	4616
12/18 8:01	26.55	24.14	0.0887	42.94	14.41	4611
12/18 8:02	26.60	24.18	0.0889	43.06	14.41	4613
12/18 8:03	26.56	24.15	0.0888	43.10	14.41	4623
12/18 8:04	26.59	24.17	0.0889	43.13	14.41	4621
12/18 8:05	26.54	24.13	0.0887	43.06	14.41	4623
12/18 8:06	26.40	24.04	0.0884	42.90	14.42	4622
12/18 8:07	26.52	24.11	0.0886	42.98	14.41	4620
12/18 8:08	26.56	24.11	0.0886	42.93	14.40	4615
12/18 8:09	26.70	24.24	0.0891	43.33	14.40	4631
12/18 8:10	26.71	24.24	0.0891	43.23	14.40	4621
12/18 8:11	26.72	24.22	0.0890	43.16	14.39	4619
12/18 8:12	26.67	24.21	0.0890	43.18	14.40	4621
12/18 8:13	26.72	24.25	0.0892	43.24	14.40	4617
12/18 8:14	26.80	24.33	0.0894	43.35	14.40	4618
12/18 8:15	26.74	24.27	0.0892	43.25	14.40	4618
Average (all)	26.79	24.36	0.0895	43.42	14.41	4619
Total (all)	--	--	--	--	--	--
Minimum (all)	26.40	24.04	0.0884	42.90	14.39	4610
Maximum (all)	27.42	24.97	0.0918	44.50	14.43	4631
Average (valid values only)	26.79	24.36	0.0895	43.42	14.41	4619
Total (valid values only)	--	--	--	--	--	--
Count (valid values only)	30	30	30	30	30	30

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CeDAR 1-Minute Data
LAKE COGEN
Data for 12/18/2007 7:46 AM thru 12/18/2007 8:15 AM

Timestamp	(Turbine 2) DB Gas Flow hscf/hr 1-Min	(Turbine 2) Sprint Flow gal/min 1-Min	(Turbine 2) Fd Factor CT Gas 1-Min	(Turbine 2) Fd Factor DB Gas 1-Min	(Turbine 2) CT Gas Heat Input Rate mmBtu/hr 1-Min	(Turbine 2) DB Gas Heat Input Rate mmBtu/hr 1-Min
12/18 7:46	0 <13>	18.03	8710	0 <13>	484.9	0.0 <13>
12/18 7:47	0 <13>	18.03	8710	0 <13>	484.8	0.0 <13>
12/18 7:48	0 <13>	18.03	8710	0 <13>	484.7	0.0 <13>
12/18 7:49	0 <13>	18.03	8710	0 <13>	484.8	0.0 <13>
12/18 7:50	0 <13>	18.03	8710	0 <13>	484.1	0.0 <13>
12/18 7:51	0 <13>	18.03	8710	0 <13>	484.5	0.0 <13>
12/18 7:52	0 <13>	18.21	8710	0 <13>	484.7	0.0 <13>
12/18 7:53	0 <13>	17.96	8710	0 <13>	485.6	0.0 <13>
12/18 7:54	0 <13>	18.02	8710	0 <13>	485.1	0.0 <13>
12/18 7:55	0 <13>	18.02	8710	0 <13>	484.7	0.0 <13>
12/18 7:56	0 <13>	18.02	8710	0 <13>	485.0	0.0 <13>
12/18 7:57	0 <13>	18.15	8710	0 <13>	485.0	0.0 <13>
12/18 7:58	0 <13>	18.08	8710	0 <13>	485.1	0.0 <13>
12/18 7:59	0 <13>	18.08	8710	0 <13>	485.5	0.0 <13>
12/18 8:00	0 <13>	18.16	8710	0 <13>	484.7	0.0 <13>
12/18 8:01	0 <13>	18.12	8710	0 <13>	484.2	0.0 <13>
12/18 8:02	0 <13>	18.11	8710	0 <13>	484.4	0.0 <13>
12/18 8:03	0 <13>	18.02	8710	0 <13>	485.4	0.0 <13>
12/18 8:04	0 <13>	18.04	8710	0 <13>	485.2	0.0 <13>
12/18 8:05	0 <13>	18.06	8710	0 <13>	485.4	0.0 <13>
12/18 8:06	0 <13>	18.10	8710	0 <13>	485.3	0.0 <13>
12/18 8:07	0 <13>	18.10	8710	0 <13>	485.1	0.0 <13>
12/18 8:08	0 <13>	18.09	8710	0 <13>	484.6	0.0 <13>
12/18 8:09	0 <13>	18.16	8710	0 <13>	486.3	0.0 <13>
12/18 8:10	0 <13>	18.12	8710	0 <13>	485.2	0.0 <13>
12/18 8:11	0 <13>	18.19	8710	0 <13>	485.0	0.0 <13>
12/18 8:12	0 <13>	18.19	8710	0 <13>	485.2	0.0 <13>
12/18 8:13	0 <13>	17.99	8710	0 <13>	484.8	0.0 <13>
12/18 8:14	0 <13>	17.83	8710	0 <13>	484.9	0.0 <13>
12/18 8:15	0 <13>	18.11	8710	0 <13>	484.9	0.0 <13>
Average (all)	0	18.07	8710	0	485.0	0.0
Total (all)	--	--	--	--	--	--
Minimum (all)	0	17.83	8710	0	484.1	0.0
Maximum (all)	0	18.21	8710	0	486.3	0.0
Average (valid values only)	--	18.07	8710	--	485.0	--
Total (valid values only)	--	--	--	--	--	--
Count (valid values only)	0	30	30	0	30	0

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CeDAR 1-Minute Data
LAKE COGEN
Data for 12/18/2007 7:46 AM thru 12/18/2007 8:15 AM

Timestamp	(Turbine 2) Water Injection - 1-Min gal/hr	(Turbine 2) CT Megawatts 1-Min
12/18 7:46	41.66	49.8
12/18 7:47	41.67	49.8
12/18 7:48	41.66	49.8
12/18 7:49	41.66	49.8
12/18 7:50	41.66	49.8
12/18 7:51	41.67	49.8
12/18 7:52	41.67	49.8
12/18 7:53	41.67	49.8
12/18 7:54	41.67	49.8
12/18 7:55	41.66	49.8
12/18 7:56	41.66	49.8
12/18 7:57	41.67	49.8
12/18 7:58	41.66	49.8
12/18 7:59	41.67	49.8
12/18 8:00	41.67	49.8
12/18 8:01	41.67	49.8
12/18 8:02	41.66	49.8
12/18 8:03	41.67	49.8
12/18 8:04	41.67	49.8
12/18 8:05	41.67	49.8
12/18 8:06	41.66	49.8
12/18 8:07	41.66	49.8
12/18 8:08	41.67	49.8
12/18 8:09	41.66	49.8
12/18 8:10	41.66	49.8
12/18 8:11	41.66	49.8
12/18 8:12	41.66	49.8
12/18 8:13	41.66	49.8
12/18 8:14	41.66	49.8
12/18 8:15	41.67	49.8
Average (all)	41.66	49.8
Total (all)	--	--
Minimum (all)	41.66	49.8
Maximum (all)	41.67	49.8
Average (valid values only)	41.66	49.8
Total (valid values only)	--	--
Count (valid values only)	30	30

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CeDAR 1-Minute Data
LAKE COGEN
Data for 12/18/2007 8:38 AM thru 12/18/2007 9:07 AM

Timestamp	(Turbine 2) 60-NOx ppm 1-Min	(Turbine 2) NOx ppm @15% O2 1-Min	(Turbine 2) 60-NOx lb/mmBtu 1-Min	(Turbine 2) NOx lb/hr 1-Min Avg	(Turbine 2) 60-O2% 1-Min	(Turbine 2) CT Gas Flow hscf/hr 1-Min
12/18 8:38	26.39	24.10	0.0886	42.58	14.44	4577
12/18 8:39	26.29	24.01	0.0883	42.47	14.44	4581
12/18 8:40	26.39	24.14	0.0887	42.71	14.45	4586
12/18 8:41	26.52	24.26	0.0892	42.92	14.45	4583
12/18 8:42	26.44	24.19	0.0889	42.74	14.45	4579
12/18 8:43	26.34	24.09	0.0886	42.62	14.45	4581
12/18 8:44	26.31	24.07	0.0885	42.53	14.45	4577
12/18 8:45	26.31	24.07	0.0885	42.61	14.45	4585
12/18 8:46	26.39	24.14	0.0887	42.63	14.45	4577
12/18 8:47	26.40	24.15	0.0888	42.69	14.45	4579
12/18 8:48	26.40	24.15	0.0888	42.67	14.45	4576
12/18 8:49	26.34	24.13	0.0887	42.62	14.46	4576
12/18 8:50	26.37	24.12	0.0887	42.65	14.45	4579
12/18 8:51	26.28	24.08	0.0885	42.55	14.46	4579
12/18 8:52	26.26	24.06	0.0884	42.52	14.46	4581
12/18 8:53	26.27	24.07	0.0885	42.59	14.46	4583
12/18 8:54	26.28	24.08	0.0885	42.58	14.46	4582
12/18 8:55	26.31	24.10	0.0886	42.65	14.46	4585
12/18 8:56	26.28	24.08	0.0885	42.54	14.46	4578
12/18 8:57	26.19	23.99	0.0882	42.43	14.46	4582
12/18 8:58	26.17	23.98	0.0881	42.37	14.46	4580
12/18 8:59	26.23	24.03	0.0883	42.47	14.46	4581
12/18 9:00	26.28	24.04	0.0884	42.51	14.45	4580
12/18 9:01	26.38	24.13	0.0887	42.57	14.45	4571
12/18 9:02	26.25	23.97	0.0881	42.40	14.44	4584
12/18 9:03	26.33	24.05	0.0884	42.50	14.44	4579
12/18 9:04	26.49	24.19	0.0889	42.72	14.44	4577
12/18 9:05	26.46	24.17	0.0888	42.73	14.44	4583
12/18 9:06	26.40	24.11	0.0886	42.66	14.44	4586
12/18 9:07	26.31	24.03	0.0883	42.44	14.44	4578
Average (all)	26.34	24.09	0.0886	42.59	14.45	4580
Total (all)	--	--	--	--	--	--
Minimum (all)	26.17	23.97	0.0881	42.37	14.44	4571
Maximum (all)	26.52	24.26	0.0892	42.92	14.46	4586
Average (valid values only)	26.34	24.09	0.0886	42.59	14.45	4580
Total (valid values only)	--	--	--	--	--	--
Count (valid values only)	30	30	30	30	30	30

<13> = Down

CeDAR 1-Minute Data
LAKE COGEN
Data for 12/18/2007 8:38 AM thru 12/18/2007 9:07 AM

Timestamp	(Turbine 2) DB Gas Flow hscf/hr 1-Min	(Turbine 2) Sprint Flow gal/min 1-Min	(Turbine 2) Fd Factor CT Gas 1-Min	(Turbine 2) Fd Factor DB Gas 1-Min	(Turbine 2) CT Gas Heat Input Rate mmBtu/hr 1-Min	(Turbine 2) DB Gas Heat Input Rate mmBtu/hr 1-Min
12/18 8:38	0 <13>	18.06	8710	0 <13>	480.6	0.0 <13>
12/18 8:39	0 <13>	18.11	8710	0 <13>	481.0	0.0 <13>
12/18 8:40	0 <13>	18.00	8710	0 <13>	481.5	0.0 <13>
12/18 8:41	0 <13>	17.88	8710	0 <13>	481.2	0.0 <13>
12/18 8:42	0 <13>	18.08	8710	0 <13>	480.8	0.0 <13>
12/18 8:43	0 <13>	17.95	8710	0 <13>	481.0	0.0 <13>
12/18 8:44	0 <13>	18.23	8710	0 <13>	480.6	0.0 <13>
12/18 8:45	0 <13>	18.15	8710	0 <13>	481.4	0.0 <13>
12/18 8:46	0 <13>	18.01	8710	0 <13>	480.6	0.0 <13>
12/18 8:47	0 <13>	18.06	8710	0 <13>	480.8	0.0 <13>
12/18 8:48	0 <13>	18.10	8710	0 <13>	480.5	0.0 <13>
12/18 8:49	0 <13>	18.09	8710	0 <13>	480.5	0.0 <13>
12/18 8:50	0 <13>	18.08	8710	0 <13>	480.8	0.0 <13>
12/18 8:51	0 <13>	18.21	8710	0 <13>	480.8	0.0 <13>
12/18 8:52	0 <13>	18.02	8710	0 <13>	481.0	0.0 <13>
12/18 8:53	0 <13>	17.97	8710	0 <13>	481.2	0.0 <13>
12/18 8:54	0 <13>	18.03	8710	0 <13>	481.1	0.0 <13>
12/18 8:55	0 <13>	18.19	8710	0 <13>	481.4	0.0 <13>
12/18 8:56	0 <13>	18.14	8710	0 <13>	480.7	0.0 <13>
12/18 8:57	0 <13>	18.09	8710	0 <13>	481.1	0.0 <13>
12/18 8:58	0 <13>	17.92	8710	0 <13>	480.9	0.0 <13>
12/18 8:59	0 <13>	18.01	8710	0 <13>	481.0	0.0 <13>
12/18 9:00	0 <13>	18.10	8710	0 <13>	480.9	0.0 <13>
12/18 9:01	0 <13>	18.03	8710	0 <13>	480.0	0.0 <13>
12/18 9:02	0 <13>	18.29	8710	0 <13>	481.3	0.0 <13>
12/18 9:03	0 <13>	18.13	8710	0 <13>	480.8	0.0 <13>
12/18 9:04	0 <13>	17.98	8710	0 <13>	480.6	0.0 <13>
12/18 9:05	0 <13>	17.95	8710	0 <13>	481.2	0.0 <13>
12/18 9:06	0 <13>	18.05	8710	0 <13>	481.5	0.0 <13>
12/18 9:07	0 <13>	18.11	8710	0 <13>	480.7	0.0 <13>
Average (all)	0	18.07	8710	0	480.9	0.0
Total (all)	--	--	--	--	--	--
Minimum (all)	0	17.88	8710	0	480.0	0.0
Maximum (all)	0	18.29	8710	0	481.5	0.0
Average (valid values only)	--	18.07	8710	--	480.9	--
Total (valid values only)	--	--	--	--	--	--
Count (valid values only)	0	30	30	0	30	0

<13> = Down

CeDAR 1-Minute Data

LAKE COGEN

Data for 12/18/2007 8:38 AM thru 12/18/2007 9:07 AM

Timestamp	(Turbine 2) Water Injection - 1-Min gal/hr	(Turbine 2) CT Megawatts 1-Min	(Facility) NOx lb/hr 1-Min Avg
12/18 8:38	42.79	49.4	85.38
12/18 8:39	42.79	49.4	85.28
12/18 8:40	42.79	49.4	85.78
12/18 8:41	42.79	49.4	85.91
12/18 8:42	42.79	49.4	85.69
12/18 8:43	42.79	49.4	85.61
12/18 8:44	42.79	49.4	85.52
12/18 8:45	42.79	49.4	85.55
12/18 8:46	42.79	49.4	85.52
12/18 8:47	42.79	49.4	85.73
12/18 8:48	42.79	49.4	85.56
12/18 8:49	42.79	49.4	85.56
12/18 8:50	42.79	49.4	85.59
12/18 8:51	42.79	49.4	85.44
12/18 8:52	42.79	49.4	85.40
12/18 8:53	42.79	49.4	85.35
12/18 8:54	42.79	49.4	85.30
12/18 8:55	42.79	49.4	85.57
12/18 8:56	42.79	49.4	85.67
12/18 8:57	42.79	49.4	85.42
12/18 8:58	42.79	49.4	85.21
12/18 8:59	42.79	49.4	85.29
12/18 9:00	42.79	49.4	85.20
12/18 9:01	42.79	49.4	85.43
12/18 9:02	42.79	49.4	85.26
12/18 9:03	42.79	49.4	84.98
12/18 9:04	42.79	49.4	85.42
12/18 9:05	42.79	49.4	85.50
12/18 9:06	42.79	49.4	85.85
12/18 9:07	42.79	49.4	85.95
Average (all)	42.79	49.4	85.50
Total (all)	--	--	--
Minimum (all)	42.79	49.4	84.98
Maximum (all)	42.79	49.4	85.95
Average (valid values only)	42.79	49.4	85.50
Total (valid values only)	--	--	--
Count (valid values only)	30	30	30

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CeDAR 1-Minute Data

LAKE COGEN

Data for 12/18/2007 9:23 AM thru 12/18/2007 9:52 AM

Timestamp	(Turbine 2) 60-NOx ppm 1-Min	(Turbine 2) NOx ppm @15% O2 1-Min	(Turbine 2) 60-NOx lb/mmBtu 1-Min	(Turbine 2) NOx lb/hr 1-Min Avg	(Turbine 2) 60-O2% 1-Min	(Turbine 2) CT Gas Flow hscf/hr 1-Min
12/18 9:23	26.33	24.05	0.0884	42.47	14.44	4576
12/18 9:24	26.36	24.07	0.0885	42.52	14.44	4576
12/18 9:25	26.33	24.05	0.0884	42.52	14.44	4581
12/18 9:26	26.33	24.05	0.0884	42.53	14.44	4582
12/18 9:27	26.35	24.07	0.0885	42.57	14.44	4581
12/18 9:28	26.25	23.97	0.0881	42.28	14.44	4571
12/18 9:29	26.21	23.94	0.0880	42.28	14.44	4576
12/18 9:30	26.25	24.01	0.0883	42.45	14.45	4579
12/18 9:31	26.23	23.99	0.0882	42.41	14.45	4579
12/18 9:32	26.23	23.99	0.0882	42.46	14.45	4585
12/18 9:33	26.20	23.93	0.0880	42.31	14.44	4579
12/18 9:34	26.24	23.97	0.0881	42.31	14.44	4574
12/18 9:35	26.25	24.01	0.0883	42.44	14.45	4577
12/18 9:36	26.26	24.02	0.0883	42.44	14.45	4577
12/18 9:37	26.23	23.99	0.0882	42.34	14.45	4572
12/18 9:38	26.28	24.04	0.0884	42.45	14.45	4573
12/18 9:39	26.30	24.02	0.0883	42.42	14.44	4575
12/18 9:40	26.39	24.10	0.0886	42.54	14.44	4573
12/18 9:41	26.46	24.17	0.0888	42.68	14.44	4577
12/18 9:42	26.45	24.16	0.0888	42.68	14.44	4577
12/18 9:43	26.37	24.12	0.0887	42.65	14.45	4579
12/18 9:44	26.34	24.09	0.0886	42.59	14.45	4578
12/18 9:45	26.28	24.04	0.0884	42.48	14.45	4577
12/18 9:46	26.27	24.03	0.0883	42.43	14.45	4576
12/18 9:47	26.32	24.08	0.0885	42.60	14.45	4584
12/18 9:48	26.30	24.06	0.0884	42.51	14.45	4580
12/18 9:49	26.25	24.01	0.0883	42.45	14.45	4579
12/18 9:50	26.34	24.09	0.0886	42.52	14.45	4571
12/18 9:51	26.36	24.11	0.0886	42.66	14.45	4586
12/18 9:52	26.49	24.19	0.0889	42.79	14.44	4584
Average (all)	26.31	24.05	0.0884	42.49	14.45	4578
Total (all)	--	--	--	--	--	--
Minimum (all)	26.20	23.93	0.0880	42.28	14.44	4571
Maximum (all)	26.49	24.19	0.0889	42.79	14.45	4586
Average (valid values only)	26.31	24.05	0.0884	42.49	14.45	4578
Total (valid values only)	--	--	--	--	--	--
Count (valid values only)	30	30	30	30	30	30

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CeDAR 1-Minute Data
LAKE COGEN
Data for 12/18/2007 9:23 AM thru 12/18/2007 9:52 AM

Timestamp	(Turbine 2) DB Gas Flow hscf/hr 1-Min	(Turbine 2) Sprint Flow gal/min 1-Min	(Turbine 2) Fd Factor CT Gas 1-Min	(Turbine 2) Fd Factor DB Gas 1-Min	(Turbine 2) CT Gas Heat Input Rate mmBtu/hr 1-Min	(Turbine 2) DB Gas Heat Input Rate mmBtu/hr 1-Min
12/18 9:23	0 <13>	18.01	8710	0 <13>	480.5	0.0 <13>
12/18 9:24	0 <13>	18.01	8710	0 <13>	480.5	0.0 <13>
12/18 9:25	0 <13>	18.09	8710	0 <13>	481.0	0.0 <13>
12/18 9:26	0 <13>	17.95	8710	0 <13>	481.1	0.0 <13>
12/18 9:27	0 <13>	17.94	8710	0 <13>	481.0	0.0 <13>
12/18 9:28	0 <13>	18.19	8710	0 <13>	480.0	0.0 <13>
12/18 9:29	0 <13>	18.02	8710	0 <13>	480.5	0.0 <13>
12/18 9:30	0 <13>	18.03	8710	0 <13>	480.8	0.0 <13>
12/18 9:31	0 <13>	18.11	8710	0 <13>	480.8	0.0 <13>
12/18 9:32	0 <13>	18.14	8710	0 <13>	481.4	0.0 <13>
12/18 9:33	0 <13>	18.16	8710	0 <13>	480.8	0.0 <13>
12/18 9:34	0 <13>	18.14	8710	0 <13>	480.3	0.0 <13>
12/18 9:35	0 <13>	18.09	8710	0 <13>	480.6	0.0 <13>
12/18 9:36	0 <13>	18.14	8710	0 <13>	480.6	0.0 <13>
12/18 9:37	0 <13>	18.14	8710	0 <13>	480.1	0.0 <13>
12/18 9:38	0 <13>	18.14	8710	0 <13>	480.2	0.0 <13>
12/18 9:39	0 <13>	18.04	8710	0 <13>	480.4	0.0 <13>
12/18 9:40	0 <13>	18.11	8710	0 <13>	480.2	0.0 <13>
12/18 9:41	0 <13>	17.90	8710	0 <13>	480.6	0.0 <13>
12/18 9:42	0 <13>	17.98	8710	0 <13>	480.6	0.0 <13>
12/18 9:43	0 <13>	17.98	8710	0 <13>	480.8	0.0 <13>
12/18 9:44	0 <13>	18.14	8710	0 <13>	480.7	0.0 <13>
12/18 9:45	0 <13>	18.05	8710	0 <13>	480.6	0.0 <13>
12/18 9:46	0 <13>	18.05	8710	0 <13>	480.5	0.0 <13>
12/18 9:47	0 <13>	18.06	8710	0 <13>	481.3	0.0 <13>
12/18 9:48	0 <13>	18.05	8710	0 <13>	480.9	0.0 <13>
12/18 9:49	0 <13>	18.05	8710	0 <13>	480.8	0.0 <13>
12/18 9:50	0 <13>	18.33	8710	0 <13>	480.0	0.0 <13>
12/18 9:51	0 <13>	18.17	8710	0 <13>	481.5	0.0 <13>
12/18 9:52	0 <13>	18.15	8710	0 <13>	481.3	0.0 <13>
Average (all)	0	18.08	8710	0	480.7	0.0
Total (all)	--	--	--	--	--	--
Minimum (all)	0	17.90	8710	0	480.0	0.0
Maximum (all)	0	18.33	8710	0	481.5	0.0
Average (valid values only)	--	18.08	8710	--	480.7	--
Total (valid values only)	--	--	--	--	--	--
Count (valid values only)	0	30	30	0	30	0

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CeDAR 1-Minute Data

LAKE COGEN

Data for 12/18/2007 9:23 AM thru 12/18/2007 9:52 AM

Timestamp	(Turbine 2) Water Injection - 1-Min gal/hr	(Turbine 2) CT Megawatts 1-Min	(Facility) NOx lb/hr 1-Min Avg
12/18 9:23	42.79	49.4	84.94
12/18 9:24	42.79	49.4	84.97
12/18 9:25	42.79	49.4	84.62
12/18 9:26	42.79	49.4	84.62
12/18 9:27	42.79	49.4	84.94
12/18 9:28	42.79	49.4	85.37
12/18 9:29	42.79	49.4	86.12
12/18 9:30	42.79	49.4	86.50
12/18 9:31	42.79	49.4	86.41
12/18 9:32	42.79	49.4	86.68
12/18 9:33	42.79	49.4	86.31
12/18 9:34	42.79	49.4	85.43
12/18 9:35	42.79	49.4	86.47
12/18 9:36	42.79	49.4	86.68
12/18 9:37	42.79	49.4	86.07
12/18 9:38	42.79	49.4	85.59
12/18 9:39	42.79	49.4	85.69
12/18 9:40	42.79	49.4	85.85
12/18 9:41	42.79	49.4	86.04
12/18 9:42	42.79	49.4	86.00
12/18 9:43	42.79	49.4	85.96
12/18 9:44	42.79	49.4	85.68
12/18 9:45	42.79	49.4	85.71
12/18 9:46	42.79	49.4	85.66
12/18 9:47	42.79	49.4	85.79
12/18 9:48	42.79	49.4	85.74
12/18 9:49	42.79	49.4	85.68
12/18 9:50	42.79	49.4	85.75
12/18 9:51	42.79	49.4	86.03
12/18 9:52	42.79	49.4	86.35
Average (all)	42.79	49.4	85.79
Total (all)	--	--	--
Minimum (all)	42.79	49.4	84.62
Maximum (all)	42.79	49.4	86.68
Average (valid values only)	42.79	49.4	85.79
Total (valid values only)	--	--	--
Count (valid values only)	30	30	30

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CeDAR 1-Minute Data
LAKE COGEN
Data for 12/18/2007 10:07 AM thru 12/18/2007 10:36 AM

Timestamp	(Turbine 2) 60-NOx ppm 1-Min	(Turbine 2) NOx ppm @15% O2 1-Min	(Turbine 2) 60-NOx lb/mmBtu 1-Min	(Turbine 2) NOx lb/hr 1-Min Avg	(Turbine 2) 60-O2% 1-Min	(Turbine 2) CT Gas Flow hscf/hr 1-Min
12/18 10:07	25.94	23.76	0.0874	42.01	14.46	4578
12/18 10:08	26.00	23.78	0.0874	42.04	14.45	4581
12/18 10:09	26.15	23.92	0.0879	42.23	14.45	4576
12/18 10:10	26.13	23.94	0.0880	42.25	14.46	4573
12/18 10:11	26.04	23.82	0.0876	42.12	14.45	4579
12/18 10:12	26.07	23.85	0.0877	42.15	14.45	4577
12/18 10:13	26.06	23.84	0.0876	42.13	14.45	4580
12/18 10:14	26.20	23.93	0.0880	42.28	14.44	4576
12/18 10:15	26.35	24.07	0.0885	42.53	14.44	4577
12/18 10:16	26.30	24.02	0.0883	42.43	14.44	4576
12/18 10:17	26.29	23.97	0.0881	42.37	14.43	4580
12/18 10:18	26.28	24.00	0.0882	42.42	14.44	4580
12/18 10:19	26.36	24.04	0.0884	42.45	14.43	4573
12/18 10:20	26.33	24.01	0.0883	42.49	14.43	4583
12/18 10:21	26.29	24.01	0.0883	42.49	14.44	4583
12/18 10:22	26.17	23.86	0.0877	42.17	14.43	4580
12/18 10:23	26.17	23.86	0.0877	42.15	14.43	4577
12/18 10:24	26.22	23.91	0.0879	42.26	14.43	4579
12/18 10:25	26.29	23.97	0.0881	42.39	14.43	4582
12/18 10:26	26.35	24.03	0.0883	42.48	14.43	4582
12/18 10:27	26.29	23.97	0.0881	42.40	14.43	4583
12/18 10:28	26.32	24.00	0.0882	42.40	14.43	4578
12/18 10:29	26.27	23.92	0.0879	42.24	14.42	4577
12/18 10:30	26.34	23.98	0.0882	42.44	14.42	4583
12/18 10:31	26.33	24.01	0.0883	42.45	14.43	4579
12/18 10:32	26.31	23.99	0.0882	42.36	14.43	4574
12/18 10:33	26.27	23.96	0.0881	42.35	14.43	4578
12/18 10:34	26.26	23.95	0.0880	42.33	14.43	4581
12/18 10:35	26.32	24.00	0.0882	42.41	14.43	4579
12/18 10:36	26.38	24.06	0.0884	42.53	14.43	4582
Average (all)	26.24	23.95	0.0880	42.33	14.44	4579
Total (all)	--	--	--	--	--	--
Minimum (all)	25.94	23.76	0.0874	42.01	14.42	4573
Maximum (all)	26.38	24.07	0.0885	42.53	14.46	4583
Average (valid values only)	26.24	23.95	0.0880	42.33	14.44	4579
Total (valid values only)	--	--	--	--	--	--
Count (valid values only)	30	30	30	30	30	30

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CeDAR 1-Minute Data
LAKE COGEN
Data for 12/18/2007 10:07 AM thru 12/18/2007 10:36 AM

Timestamp	(Turbine 2) DB Gas Flow hscf/hr 1-Min	(Turbine 2) Sprint Flow gal/min 1-Min	(Turbine 2) Fd Factor CT Gas 1-Min	(Turbine 2) Fd Factor DB Gas 1-Min	(Turbine 2) CT Gas Heat Input Rate mmBtu/hr 1-Min	(Turbine 2) DB Gas Heat Input Rate mmBtu/hr 1-Min
12/18 10:07	0 <13>	18.22	8710	0 <13>	480.7	0.0 <13>
12/18 10:08	0 <13>	18.11	8710	0 <13>	481.0	0.0 <13>
12/18 10:09	0 <13>	17.91	8710	0 <13>	480.5	0.0 <13>
12/18 10:10	0 <13>	18.01	8710	0 <13>	480.2	0.0 <13>
12/18 10:11	0 <13>	18.23	8710	0 <13>	480.8	0.0 <13>
12/18 10:12	0 <13>	18.20	8710	0 <13>	480.6	0.0 <13>
12/18 10:13	0 <13>	18.15	8710	0 <13>	480.9	0.0 <13>
12/18 10:14	0 <13>	18.06	8710	0 <13>	480.5	0.0 <13>
12/18 10:15	0 <13>	17.97	8710	0 <13>	480.6	0.0 <13>
12/18 10:16	0 <13>	18.22	8710	0 <13>	480.5	0.0 <13>
12/18 10:17	0 <13>	18.15	8710	0 <13>	480.9	0.0 <13>
12/18 10:18	0 <13>	17.98	8710	0 <13>	480.9	0.0 <13>
12/18 10:19	0 <13>	17.98	8710	0 <13>	480.2	0.0 <13>
12/18 10:20	0 <13>	18.03	8710	0 <13>	481.2	0.0 <13>
12/18 10:21	0 <13>	18.07	8710	0 <13>	481.2	0.0 <13>
12/18 10:22	0 <13>	18.32	8710	0 <13>	480.9	0.0 <13>
12/18 10:23	0 <13>	18.20	8710	0 <13>	480.6	0.0 <13>
12/18 10:24	0 <13>	18.03	8710	0 <13>	480.8	0.0 <13>
12/18 10:25	0 <13>	17.79	8710	0 <13>	481.1	0.0 <13>
12/18 10:26	0 <13>	18.14	8710	0 <13>	481.1	0.0 <13>
12/18 10:27	0 <13>	17.94	8710	0 <13>	481.2	0.0 <13>
12/18 10:28	0 <13>	18.17	8710	0 <13>	480.7	0.0 <13>
12/18 10:29	0 <13>	18.16	8710	0 <13>	480.6	0.0 <13>
12/18 10:30	0 <13>	18.05	8710	0 <13>	481.2	0.0 <13>
12/18 10:31	0 <13>	18.19	8710	0 <13>	480.8	0.0 <13>
12/18 10:32	0 <13>	17.96	8710	0 <13>	480.3	0.0 <13>
12/18 10:33	0 <13>	18.07	8710	0 <13>	480.7	0.0 <13>
12/18 10:34	0 <13>	18.17	8710	0 <13>	481.0	0.0 <13>
12/18 10:35	0 <13>	17.98	8710	0 <13>	480.8	0.0 <13>
12/18 10:36	0 <13>	18.20	8710	0 <13>	481.1	0.0 <13>
Average (all)	0	18.09	8710	0	480.8	0.0
Total (all)	--	--	--	--	--	--
Minimum (all)	0	17.79	8710	0	480.2	0.0
Maximum (all)	0	18.32	8710	0	481.2	0.0
Average (valid values only)	--	18.09	8710	--	480.8	--
Total (valid values only)	--	--	--	--	--	--
Count (valid values only)	0	30	30	0	30	0

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CeDAR 1-Minute Data
LAKE COGEN
Data for 12/18/2007 10:07 AM thru 12/18/2007 10:36 AM

Timestamp	(Turbine 2) Water Injection - 1-Min gal/hr	(Turbine 2) CT Megawatts 1-Min	(Facility) NOx lb/hr 1-Min Avg
12/18 10:07	42.79	49.4	84.32
12/18 10:08	42.79	49.4	84.12
12/18 10:09	42.79	49.4	84.22
12/18 10:10	42.79	49.4	84.16
12/18 10:11	42.79	49.4	84.02
12/18 10:12	42.79	49.4	84.00
12/18 10:13	42.79	49.4	83.98
12/18 10:14	42.79	49.4	84.13
12/18 10:15	42.79	49.4	84.56
12/18 10:16	42.79	49.4	84.51
12/18 10:17	42.79	49.4	84.45
12/18 10:18	42.79	49.4	84.45
12/18 10:19	42.79	49.4	84.39
12/18 10:20	42.79	49.4	84.57
12/18 10:21	42.79	49.4	84.48
12/18 10:22	42.79	49.4	84.07
12/18 10:23	42.79	49.4	83.96
12/18 10:24	42.79	49.4	84.07
12/18 10:25	42.79	49.4	84.38
12/18 10:26	42.79	49.4	84.60
12/18 10:27	42.79	49.4	84.57
12/18 10:28	42.79	49.4	84.61
12/18 10:29	42.79	49.4	84.27
12/18 10:30	42.79	49.4	84.44
12/18 10:31	42.79	49.4	84.45
12/18 10:32	42.79	49.4	84.47
12/18 10:33	42.79	49.4	84.45
12/18 10:34	42.79	49.4	84.28
12/18 10:35	42.79	49.4	84.46
12/18 10:36	42.79	49.4	84.66
Average (all)	42.79	49.4	84.34
Total (all)	--	--	--
Minimum (all)	42.79	49.4	83.96
Maximum (all)	42.79	49.4	84.66
Average (valid values only)	42.79	49.4	84.34
Total (valid values only)	--	--	--
Count (valid values only)	30	30	30

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CeDAR 1-Minute Data
LAKE COGEN
Data for 12/18/2007 10:52 AM thru 12/18/2007 11:21 AM

Timestamp	(Turbine 2) 60-NOx ppm 1-Min	(Turbine 2) NOx ppm @15% O2 1-Min	(Turbine 2) 60-NOx lb/mmBtu 1-Min	(Turbine 2) NOx lb/hr 1-Min Avg	(Turbine 2) 60-O2% 1-Min	(Turbine 2) CT Gas Flow hscf/hr 1-Min
12/18 10:52	26.53	24.16	0.0888	41.76	14.42	4579
12/18 10:53	26.53	24.16	0.0888	41.81	14.42	4585
12/18 10:54	26.57	24.19	0.0889	41.82	14.42	4580
12/18 10:55	26.58	24.20	0.0890	41.85	14.42	4579
12/18 10:56	26.54	24.16	0.0888	41.82	14.42	4586
12/18 10:57	26.61	24.23	0.0891	41.90	14.42	4579
12/18 10:58	26.57	24.15	0.0888	41.74	14.41	4577
12/18 10:59	26.52	24.15	0.0888	41.69	14.42	4571
12/18 11:00	26.38	24.06	0.0884	41.53	14.43	4574
12/18 11:01	26.43	24.10	0.0886	41.77	14.43	4590
12/18 11:02	26.44	24.11	0.0886	41.62	14.43	4574
12/18 11:03	26.39	24.03	0.0883	41.55	14.42	4582
12/18 11:04	26.45	24.05	0.0884	41.60	14.41	4582
12/18 11:05	26.47	24.06	0.0885	41.61	14.41	4578
12/18 11:06	26.49	24.12	0.0887	41.66	14.42	4573
12/18 11:07	26.46	24.09	0.0886	41.62	14.42	4574
12/18 11:08	26.42	24.06	0.0884	41.48	14.42	4569
12/18 11:09	26.42	24.06	0.0884	41.63	14.42	4585
12/18 11:10	26.41	24.01	0.0883	41.52	14.41	4579
12/18 11:11	26.41	24.01	0.0883	41.58	14.41	4585
12/18 11:12	26.46	24.02	0.0883	41.61	14.40	4589
12/18 11:13	26.49	24.04	0.0884	41.58	14.40	4580
12/18 11:14	26.50	24.05	0.0884	41.57	14.40	4579
12/18 11:15	26.58	24.13	0.0887	41.67	14.40	4574
12/18 11:16	26.60	24.14	0.0888	41.76	14.40	4579
12/18 11:17	26.45	24.05	0.0884	41.57	14.41	4579
12/18 11:18	26.35	23.99	0.0882	41.40	14.42	4571
12/18 11:19	26.31	23.92	0.0879	41.35	14.41	4581
12/18 11:20	26.20	23.85	0.0877	41.22	14.42	4577
12/18 11:21	26.11	23.74	0.0873	40.98	14.41	4571
Average (all)	26.46	24.07	0.0885	41.61	14.42	4579
Total (all)	--	--	--	--	--	--
Minimum (all)	26.11	23.74	0.0873	40.98	14.40	4569
Maximum (all)	26.61	24.23	0.0891	41.90	14.43	4590
Average (valid values only)	26.46	24.07	0.0885	41.61	14.42	4579
Total (valid values only)	--	--	--	--	--	--
Count (valid values only)	30	30	30	30	30	30

<13> = Down

CeDAR 1-Minute Data
LAKE COGEN
Data for 12/18/2007 10:52 AM thru 12/18/2007 11:21 AM

Timestamp	(Turbine 2) DB Gas Flow hscf/hr 1-Min	(Turbine 2) Sprint Flow gal/min 1-Min	(Turbine 2) Fd Factor CT Gas 1-Min	(Turbine 2) Fd Factor DB Gas 1-Min	(Turbine 2) CT Gas Heat Input Rate mmBtu/hr 1-Min	(Turbine 2) DB Gas Heat Input Rate mmBtu/hr 1-Min
12/18 10:52	0 <13>	18.09	8710	0 <13>	470.3	0.0 <13>
12/18 10:53	0 <13>	18.00	8710	0 <13>	470.9	0.0 <13>
12/18 10:54	0 <13>	18.15	8710	0 <13>	470.4	0.0 <13>
12/18 10:55	0 <13>	18.16	8710	0 <13>	470.3	0.0 <13>
12/18 10:56	0 <13>	18.15	8710	0 <13>	471.0	0.0 <13>
12/18 10:57	0 <13>	18.21	8710	0 <13>	470.3	0.0 <13>
12/18 10:58	0 <13>	18.06	8710	0 <13>	470.1	0.0 <13>
12/18 10:59	0 <13>	18.10	8710	0 <13>	469.4	0.0 <13>
12/18 11:00	0 <13>	18.04	8710	0 <13>	469.7	0.0 <13>
12/18 11:01	0 <13>	17.93	8710	0 <13>	471.4	0.0 <13>
12/18 11:02	0 <13>	18.17	8710	0 <13>	469.7	0.0 <13>
12/18 11:03	0 <13>	18.23	8710	0 <13>	470.6	0.0 <13>
12/18 11:04	0 <13>	18.17	8710	0 <13>	470.6	0.0 <13>
12/18 11:05	0 <13>	18.17	8710	0 <13>	470.2	0.0 <13>
12/18 11:06	0 <13>	18.12	8710	0 <13>	469.6	0.0 <13>
12/18 11:07	0 <13>	18.07	8710	0 <13>	469.7	0.0 <13>
12/18 11:08	0 <13>	18.08	8710	0 <13>	469.2	0.0 <13>
12/18 11:09	0 <13>	18.14	8710	0 <13>	470.9	0.0 <13>
12/18 11:10	0 <13>	18.13	8710	0 <13>	470.3	0.0 <13>
12/18 11:11	0 <13>	18.13	8710	0 <13>	470.9	0.0 <13>
12/18 11:12	0 <13>	18.13	8710	0 <13>	471.3	0.0 <13>
12/18 11:13	0 <13>	18.14	8710	0 <13>	470.4	0.0 <13>
12/18 11:14	0 <13>	17.98	8710	0 <13>	470.3	0.0 <13>
12/18 11:15	0 <13>	18.00	8710	0 <13>	469.7	0.0 <13>
12/18 11:16	0 <13>	18.11	8710	0 <13>	470.3	0.0 <13>
12/18 11:17	0 <13>	18.14	8710	0 <13>	470.3	0.0 <13>
12/18 11:18	0 <13>	18.00	8710	0 <13>	469.4	0.0 <13>
12/18 11:19	0 <13>	17.98	8710	0 <13>	470.5	0.0 <13>
12/18 11:20	0 <13>	18.16	8710	0 <13>	470.1	0.0 <13>
12/18 11:21	0 <13>	18.16	8710	0 <13>	469.4	0.0 <13>
Average (all)	0	18.10	8710	0	470.2	0.0
Total (all)	--	--	--	--	--	--
Minimum (all)	0	17.93	8710	0	469.2	0.0
Maximum (all)	0	18.23	8710	0	471.4	0.0
Average (valid values only)	--	18.10	8710	--	470.2	--
Total (valid values only)	--	--	--	--	--	--
Count (valid values only)	0	30	30	0	30	0

<13> = Down

CeDAR 1-Minute Data
LAKE COGEN
Data for 12/18/2007 10:52 AM thru 12/18/2007 11:21 AM

Timestamp	(Turbine 2) Water Injection - 1-Min gal/hr	(Turbine 2) CT Megawatts 1-Min	(Facility) NOx lb/hr 1-Min Avg
12/18 10:52	42.79	49.4	83.21
12/18 10:53	42.79	49.4	82.98
12/18 10:54	42.79	49.4	83.09
12/18 10:55	42.79	49.4	83.18
12/18 10:56	42.79	49.4	83.29
12/18 10:57	42.79	49.4	83.40
12/18 10:58	42.79	49.4	83.28
12/18 10:59	42.79	49.4	83.06
12/18 11:00	42.79	49.4	82.91
12/18 11:01	42.79	49.4	83.25
12/18 11:02	42.79	49.4	83.16
12/18 11:03	42.79	49.4	83.04
12/18 11:04	42.79	49.4	83.07
12/18 11:05	42.79	49.4	83.03
12/18 11:06	42.79	49.4	83.30
12/18 11:07	42.79	49.4	83.40
12/18 11:08	42.79	49.4	83.13
12/18 11:09	42.79	49.4	83.23
12/18 11:10	42.79	49.4	83.12
12/18 11:11	42.79	49.4	83.27
12/18 11:12	42.79	49.4	83.12
12/18 11:13	42.79	49.4	83.14
12/18 11:14	42.79	49.4	82.98
12/18 11:15	42.79	49.4	83.03
12/18 11:16	42.79	49.4	82.89
12/18 11:17	42.79	49.4	82.71
12/18 11:18	42.79	49.4	82.41
12/18 11:19	42.79	49.4	82.36
12/18 11:20	42.79	49.4	82.14
12/18 11:21	42.79	49.4	81.71
Average (all)	42.79	49.4	83.00
Total (all)	--	--	--
Minimum (all)	42.79	49.4	81.71
Maximum (all)	42.79	49.4	83.40
Average (valid values only)	42.79	49.4	83.00
Total (valid values only)	--	--	--
Count (valid values only)	30	30	30

<13> = Down

CeDAR 1-Minute Data

LAKE COGEN

Data for 12/18/2007 11:39 AM thru 12/18/2007 12:08 PM

Timestamp	(Turbine 2) 60-NOx ppm 1-Min	(Turbine 2) NOx ppm @15% O2 1-Min	(Turbine 2) 60-NOx lb/mmBtu 1-Min	(Turbine 2) NOx lb/hr 1-Min Avg	(Turbine 2) 60-O2% 1-Min	(Turbine 2) CT Gas Flow hscf/hr 1-Min
12/18 11:39	25.66	23.40	0.0860	40.32	14.43	4565
12/18 11:40	25.67	23.37	0.0859	40.33	14.42	4572
12/18 11:41	25.74	23.44	0.0862	40.47	14.42	4571
12/18 11:42	25.82	23.51	0.0864	40.55	14.42	4570
12/18 11:43	25.88	23.56	0.0866	40.63	14.42	4568
12/18 11:44	25.86	23.55	0.0866	40.68	14.42	4574
12/18 11:45	25.86	23.55	0.0866	40.67	14.42	4573
12/18 11:46	25.88	23.60	0.0868	40.80	14.43	4577
12/18 11:47	25.86	23.58	0.0867	40.68	14.43	4569
12/18 11:48	25.82	23.51	0.0864	40.52	14.42	4567
12/18 11:49	25.81	23.50	0.0864	40.52	14.42	4567
12/18 11:50	25.88	23.56	0.0866	40.72	14.42	4578
12/18 11:51	25.89	23.57	0.0867	40.67	14.42	4568
12/18 11:52	25.95	23.63	0.0869	40.74	14.42	4565
12/18 11:53	25.95	23.59	0.0867	40.64	14.41	4564
12/18 11:54	25.98	23.65	0.0870	40.78	14.42	4564
12/18 11:55	25.99	23.66	0.0870	40.81	14.42	4568
12/18 11:56	26.02	23.69	0.0871	40.93	14.42	4576
12/18 11:57	25.90	23.58	0.0867	40.75	14.42	4577
12/18 11:58	25.88	23.56	0.0866	40.72	14.42	4579
12/18 11:59	25.84	23.49	0.0864	40.53	14.41	4568
12/18 12:00	26.08	23.71	0.0872	40.90	14.41	4567
12/18 12:01	25.90	23.55	0.0866	40.65	14.41	4571
12/18 12:02	25.86	23.51	0.0864	40.56	14.41	4571
12/18 12:03	25.85	23.50	0.0864	40.60	14.41	4576
12/18 12:04	25.96	23.60	0.0868	40.76	14.41	4572
12/18 12:05	26.01	23.65	0.0869	40.78	14.41	4569
12/18 12:06	25.92	23.56	0.0866	40.60	14.41	4565
12/18 12:07	25.90	23.55	0.0866	40.64	14.41	4570
12/18 12:08	25.85	23.46	0.0863	40.56	14.40	4576
Average (all)	25.88	23.55	0.0866	40.65	14.42	4571
Total (all)	--	--	--	--	--	--
Minimum (all)	25.66	23.37	0.0859	40.32	14.40	4564
Maximum (all)	26.08	23.71	0.0872	40.93	14.43	4579
Average (valid values only)	25.88	23.55	0.0866	40.65	14.42	4571
Total (valid values only)	--	--	--	--	--	--
Count (valid values only)	30	30	30	30	30	30

<13> = Down

CeDAR 1-Minute Data
LAKE COGEN
Data for 12/18/2007 11:39 AM thru 12/18/2007 12:08 PM

Timestamp	(Turbine 2) DB Gas Flow hscf/hr 1-Min	(Turbine 2) Sprint Flow gal/min 1-Min	(Turbine 2) Fd Factor CT Gas 1-Min	(Turbine 2) Fd Factor DB Gas 1-Min	(Turbine 2) CT Gas Heat Input Rate mmBtu/hr 1-Min	(Turbine 2) DB Gas Heat Input Rate mmBtu/hr 1-Min
12/18 11:39	0 <13>	18.23	8710	0 <13>	468.8	0.0 <13>
12/18 11:40	0 <13>	18.17	8710	0 <13>	469.5	0.0 <13>
12/18 11:41	0 <13>	17.89	8710	0 <13>	469.4	0.0 <13>
12/18 11:42	0 <13>	18.06	8710	0 <13>	469.3	0.0 <13>
12/18 11:43	0 <13>	18.14	8710	0 <13>	469.1	0.0 <13>
12/18 11:44	0 <13>	17.93	8710	0 <13>	469.7	0.0 <13>
12/18 11:45	0 <13>	18.07	8710	0 <13>	469.6	0.0 <13>
12/18 11:46	0 <13>	17.99	8710	0 <13>	470.1	0.0 <13>
12/18 11:47	0 <13>	18.10	8710	0 <13>	469.2	0.0 <13>
12/18 11:48	0 <13>	18.26	8710	0 <13>	469.0	0.0 <13>
12/18 11:49	0 <13>	18.01	8710	0 <13>	469.0	0.0 <13>
12/18 11:50	0 <13>	18.00	8710	0 <13>	470.2	0.0 <13>
12/18 11:51	0 <13>	18.00	8710	0 <13>	469.1	0.0 <13>
12/18 11:52	0 <13>	18.00	8710	0 <13>	468.8	0.0 <13>
12/18 11:53	0 <13>	18.00	8710	0 <13>	468.7	0.0 <13>
12/18 11:54	0 <13>	18.00	8710	0 <13>	468.7	0.0 <13>
12/18 11:55	0 <13>	18.00	8710	0 <13>	469.1	0.0 <13>
12/18 11:56	0 <13>	18.15	8710	0 <13>	470.0	0.0 <13>
12/18 11:57	0 <13>	18.22	8710	0 <13>	470.1	0.0 <13>
12/18 11:58	0 <13>	18.22	8710	0 <13>	470.3	0.0 <13>
12/18 11:59	0 <13>	17.55	8710	0 <13>	469.1	0.0 <13>
12/18 12:00	0 <13>	17.96	8710	0 <13>	469.0	0.0 <13>
12/18 12:01	0 <13>	18.04	8710	0 <13>	469.4	0.0 <13>
12/18 12:02	0 <13>	18.04	8710	0 <13>	469.4	0.0 <13>
12/18 12:03	0 <13>	18.11	8710	0 <13>	470.0	0.0 <13>
12/18 12:04	0 <13>	17.97	8710	0 <13>	469.5	0.0 <13>
12/18 12:05	0 <13>	17.97	8710	0 <13>	469.2	0.0 <13>
12/18 12:06	0 <13>	17.97	8710	0 <13>	468.8	0.0 <13>
12/18 12:07	0 <13>	17.97	8710	0 <13>	469.3	0.0 <13>
12/18 12:08	0 <13>	17.94	8710	0 <13>	470.0	0.0 <13>
Average (all)	0	18.03	8710	0	469.4	0.0
Total (all)	--	--	--	--	--	--
Minimum (all)	0	17.55	8710	0	468.7	0.0
Maximum (all)	0	18.26	8710	0	470.3	0.0
Average (valid values only)	--	18.03	8710	--	469.4	--
Total (valid values only)	--	--	--	--	--	--
Count (valid values only)	0	30	30	0	30	0

<13> = Down

CeDAR 1-Minute Data
LAKE COGEN
Data for 12/18/2007 11:39 AM thru 12/18/2007 12:08 PM

Timestamp	(Turbine 2) Water Injection - 1-Min gal/hr	(Turbine 2) CT Megawatts 1-Min	(Facility) NOx lb/hr 1-Min Avg
12/18 11:39	42.79	49.4	81.34
12/18 11:40	42.79	49.4	81.20
12/18 11:41	42.79	49.4	81.39
12/18 11:42	42.79	49.4	81.51
12/18 11:43	42.79	49.4	81.72
12/18 11:44	42.79	49.4	81.72
12/18 11:45	42.79	49.4	81.76
12/18 11:46	42.79	49.4	81.89
12/18 11:47	42.79	49.4	81.77
12/18 11:48	42.79	49.4	81.46
12/18 11:49	42.79	49.4	81.39
12/18 11:50	42.79	49.4	81.64
12/18 11:51	42.79	49.4	81.68
12/18 11:52	42.79	49.4	81.66
12/18 11:53	42.79	49.4	81.68
12/18 11:54	42.79	49.4	81.70
12/18 11:55	42.79	49.4	81.83
12/18 11:56	42.79	49.4	82.02
12/18 11:57	42.79	49.4	81.75
12/18 11:58	42.79	49.4	81.51
12/18 11:59	42.79	49.4	81.35
12/18 12:00	42.79	49.4	81.59
12/18 12:01	42.79	49.4	81.30
12/18 12:02	42.79	49.4	81.41
12/18 12:03	42.79	49.4	81.43
12/18 12:04	42.79	49.4	81.70
12/18 12:05	42.79	49.4	81.79
12/18 12:06	42.79	49.4	81.56
12/18 12:07	42.79	49.4	81.55
12/18 12:08	42.79	49.4	81.20
Average (all)	42.79	49.4	81.58
Total (all)	--	--	--
Minimum (all)	42.79	49.4	81.20
Maximum (all)	42.79	49.4	82.02
Average (valid values only)	42.79	49.4	81.58
Total (valid values only)	--	--	--
Count (valid values only)	30	30	30

<13> = Down

CeDAR 1-Minute Data
LAKE COGEN
Data for 12/18/2007 2:08 PM thru 12/18/2007 2:28 PM

Timestamp	(Turbine 2) 60-NOx ppm 1-Min	(Turbine 2) NOx ppm @15% O2 1-Min	(Turbine 2) 60-NOx lb/MMBtu 1-Min	(Turbine 2) NOx lb/hr 1-Min Avg	(Turbine 2) 60-O2% 1-Min	(Turbine 2) CT Gas Flow hscf/hr 1-Min
12/18 14:08	26.48	24.04	0.0884	41.55	14.40	4577
12/18 14:09	26.46	24.02	0.0883	41.37	14.40	4562
12/18 14:10	26.46	24.02	0.0883	41.40	14.40	4565
12/18 14:11	26.51	24.06	0.0885	41.48	14.40	4564
12/18 14:12	26.57	24.12	0.0887	41.58	14.40	4565
12/18 14:13	26.51	24.06	0.0885	41.51	14.40	4567
12/18 14:14	26.46	24.02	0.0883	41.44	14.40	4570
12/18 14:15	26.41	23.94	0.0880	41.24	14.39	4563
12/18 14:16	26.42	23.94	0.0880	41.26	14.39	4565
12/18 14:17	26.38	23.91	0.0879	41.29	14.39	4574
12/18 14:18	26.35	23.88	0.0878	41.22	14.39	4571
12/18 14:19	26.31	23.84	0.0877	41.08	14.39	4561
12/18 14:20	26.18	23.76	0.0874	40.92	14.40	4559
12/18 14:21	26.06	23.69	0.0871	40.83	14.41	4565
12/18 14:22	26.00	23.64	0.0869	40.69	14.41	4559
12/18 14:23	25.95	23.63	0.0869	40.74	14.42	4565
12/18 14:24	25.87	23.55	0.0866	40.59	14.42	4564
12/18 14:25	25.84	23.49	0.0864	40.43	14.41	4556
12/18 14:26	25.94	23.58	0.0867	40.67	14.41	4568
12/18 14:27	26.01	23.65	0.0869	40.74	14.41	4565
12/18 14:28	26.03	23.66	0.0870	40.78	14.41	4564
Average (all)	26.25	23.83	0.0876	41.09	14.40	4565
Total (all)	--	--	--	--	--	--
Minimum (all)	25.84	23.49	0.0864	40.43	14.39	4556
Maximum (all)	26.57	24.12	0.0887	41.58	14.42	4577
Average (valid values only)	26.25	23.83	0.0876	41.09	14.40	4565
Total (valid values only)	--	--	--	--	--	--
Count (valid values only)	21	21	21	21	21	21

<13> = Down

CeDAR 1-Minute Data
LAKE COGEN
Data for 12/18/2007 2:08 PM thru 12/18/2007 2:28 PM

Timestamp	(Turbine 2) DB Gas Flow hscf/hr 1-Min	(Turbine 2) Sprint Flow gal/min 1-Min	(Turbine 2) Fd Factor CT Gas 1-Min	(Turbine 2) Fd Factor DB Gas 1-Min	(Turbine 2) CT Gas Heat Input Rate mmBtu/hr 1-Min	(Turbine 2) DB Gas Heat Input Rate mmBtu/hr 1-Min
12/18 14:08	0 <13>	18.07	8710	0 <13>	470.1	0.0 <13>
12/18 14:09	0 <13>	18.07	8710	0 <13>	468.5	0.0 <13>
12/18 14:10	0 <13>	18.00	8710	0 <13>	468.8	0.0 <13>
12/18 14:11	0 <13>	17.90	8710	0 <13>	468.7	0.0 <13>
12/18 14:12	0 <13>	17.97	8710	0 <13>	468.8	0.0 <13>
12/18 14:13	0 <13>	17.93	8710	0 <13>	469.0	0.0 <13>
12/18 14:14	0 <13>	17.99	8710	0 <13>	469.3	0.0 <13>
12/18 14:15	0 <13>	18.08	8710	0 <13>	468.6	0.0 <13>
12/18 14:16	0 <13>	18.03	8710	0 <13>	468.8	0.0 <13>
12/18 14:17	0 <13>	18.23	8710	0 <13>	469.7	0.0 <13>
12/18 14:18	0 <13>	18.08	8710	0 <13>	469.4	0.0 <13>
12/18 14:19	0 <13>	17.92	8710	0 <13>	468.4	0.0 <13>
12/18 14:20	0 <13>	18.02	8710	0 <13>	468.2	0.0 <13>
12/18 14:21	0 <13>	17.97	8710	0 <13>	468.8	0.0 <13>
12/18 14:22	0 <13>	17.96	8710	0 <13>	468.2	0.0 <13>
12/18 14:23	0 <13>	18.00	8710	0 <13>	468.8	0.0 <13>
12/18 14:24	0 <13>	18.21	8710	0 <13>	468.7	0.0 <13>
12/18 14:25	0 <13>	18.14	8710	0 <13>	467.9	0.0 <13>
12/18 14:26	0 <13>	18.03	8710	0 <13>	469.1	0.0 <13>
12/18 14:27	0 <13>	18.03	8710	0 <13>	468.8	0.0 <13>
12/18 14:28	0 <13>	18.03	8710	0 <13>	468.7	0.0 <13>
Average (all)	0	18.03	8710	0	468.8	0.0
Total (all)	--	--	--	--	--	--
Minimum (all)	0	17.90	8710	0	467.9	0.0
Maximum (all)	0	18.23	8710	0	470.1	0.0
Average (valid values only)	--	18.03	8710	--	468.8	--
Total (valid values only)	--	--	--	--	--	--
Count (valid values only)	0	21	21	0	21	0

<13> = Down

CeDAR 1-Minute Data

LAKE COGEN

Data for 12/18/2007 2:08 PM thru 12/18/2007 2:28 PM

Timestamp	(Turbine 2) Water Injection - 1-Min gal/hr	(Turbine 2) CT Megawatts 1-Min	(Facility) NOx lb/hr 1-Min Avg
12/18 14:08	42.79	49.4	41.55
12/18 14:09	42.79	49.4	41.37
12/18 14:10	42.79	49.4	41.40
12/18 14:11	42.79	49.4	41.48
12/18 14:12	42.79	49.4	41.58
12/18 14:13	42.79	49.4	41.51
12/18 14:14	42.79	49.4	41.44
12/18 14:15	42.79	49.4	41.24
12/18 14:16	42.79	49.4	41.26
12/18 14:17	42.79	49.4	41.29
12/18 14:18	42.79	49.4	41.22
12/18 14:19	42.79	49.4	41.08
12/18 14:20	42.79	49.4	40.92
12/18 14:21	42.79	49.4	40.83
12/18 14:22	42.79	49.4	40.69
12/18 14:23	42.79	49.4	40.74
12/18 14:24	42.79	49.4	40.59
12/18 14:25	42.79	49.4	40.43
12/18 14:26	42.79	49.4	40.67
12/18 14:27	42.79	49.4	83.47
12/18 14:28	42.79	49.4	83.45
Average (all)	42.79	49.4	45.15
Total (all)	--	--	--
Minimum (all)	42.79	49.4	40.43
Maximum (all)	42.79	49.4	83.47
Average (valid values only)	42.79	49.4	45.15
Total (valid values only)	--	--	--
Count (valid values only)	21	21	21

<13> = Down

CeDAR 1-Minute Data
LAKE COGEN
Data for 12/18/2007 2:36 PM thru 12/18/2007 2:56 PM

Timestamp	(Turbine 2) 60-NOx ppm 1-Min	(Turbine 2) NOx ppm @15% O2 1-Min	(Turbine 2) 60-NOx lb/mmBtu 1-Min	(Turbine 2) NOx lb/hr 1-Min Avg	(Turbine 2) 60-O2% 1-Min	(Turbine 2) CT Gas Flow hscf/hr 1-Min
12/18 14:36	25.92	23.60	0.0868	40.67	14.42	4562
12/18 14:37	25.93	23.65	0.0869	40.81	14.43	4573
12/18 14:38	25.94	23.65	0.0870	40.86	14.43	4573
12/18 14:39	25.93	23.68	0.0871	40.86	14.44	4568
12/18 14:40	25.94	23.65	0.0870	40.82	14.43	4569
12/18 14:41	25.92	23.64	0.0869	40.79	14.43	4570
12/18 14:42	25.96	23.67	0.0870	40.84	14.43	4571
12/18 14:43	25.95	23.66	0.0870	40.81	14.43	4567
12/18 14:44	25.97	23.68	0.0871	40.83	14.43	4564
12/18 14:45	25.99	23.66	0.0870	40.79	14.42	4565
12/18 14:46	25.99	23.66	0.0870	40.83	14.42	4570
12/18 14:47	26.04	23.71	0.0872	40.94	14.42	4571
12/18 14:48	26.03	23.74	0.0873	40.96	14.43	4568
12/18 14:49	26.01	23.68	0.0871	40.83	14.42	4564
12/18 14:50	25.92	23.60	0.0868	40.75	14.42	4571
12/18 14:51	25.86	23.58	0.0867	40.65	14.43	4565
12/18 14:52	25.89	23.57	0.0867	40.66	14.42	4567
12/18 14:53	25.89	23.61	0.0868	40.66	14.43	4561
12/18 14:54	25.91	23.59	0.0867	40.56	14.42	4555
12/18 14:55	25.94	23.62	0.0868	40.64	14.42	4559
12/18 14:56	25.96	23.64	0.0869	40.80	14.42	4572
Average (all)	25.95	23.64	0.0869	40.78	14.43	4567
Total (all)	--	--	--	--	--	--
Minimum (all)	25.86	23.57	0.0867	40.56	14.42	4555
Maximum (all)	26.04	23.74	0.0873	40.96	14.44	4573
Average (valid values only)	25.95	23.64	0.0869	40.78	14.43	4567
Total (valid values only)	--	--	--	--	--	--
Count (valid values only)	21	21	21	21	21	21

<13> = Down

CeDAR 1-Minute Data
LAKE COGEN
Data for 12/18/2007 2:36 PM thru 12/18/2007 2:56 PM

Timestamp	(Turbine 2) DB Gas Flow hscf/hr 1-Min	(Turbine 2) Sprint Flow gal/min 1-Min	(Turbine 2) Fd Factor CT Gas 1-Min	(Turbine 2) Fd Factor DB Gas 1-Min	(Turbine 2) CT Gas Heat Input Rate mmBtu/hr 1-Min	(Turbine 2) DB Gas Heat Input Rate mmBtu/hr 1-Min
12/18 14:36	0 <13>	18.01	8710	0 <13>	468.5	0.0 <13>
12/18 14:37	0 <13>	18.01	8710	0 <13>	469.6	0.0 <13>
12/18 14:38	0 <13>	18.04	8710	0 <13>	469.6	0.0 <13>
12/18 14:39	0 <13>	17.99	8710	0 <13>	469.1	0.0 <13>
12/18 14:40	0 <13>	18.12	8710	0 <13>	469.2	0.0 <13>
12/18 14:41	0 <13>	18.11	8710	0 <13>	469.3	0.0 <13>
12/18 14:42	0 <13>	18.11	8710	0 <13>	469.4	0.0 <13>
12/18 14:43	0 <13>	18.11	8710	0 <13>	469.0	0.0 <13>
12/18 14:44	0 <13>	18.10	8710	0 <13>	468.7	0.0 <13>
12/18 14:45	0 <13>	18.06	8710	0 <13>	468.8	0.0 <13>
12/18 14:46	0 <13>	18.06	8710	0 <13>	469.3	0.0 <13>
12/18 14:47	0 <13>	17.93	8710	0 <13>	469.4	0.0 <13>
12/18 14:48	0 <13>	17.95	8710	0 <13>	469.1	0.0 <13>
12/18 14:49	0 <13>	18.07	8710	0 <13>	468.7	0.0 <13>
12/18 14:50	0 <13>	18.15	8710	0 <13>	469.4	0.0 <13>
12/18 14:51	0 <13>	17.98	8710	0 <13>	468.8	0.0 <13>
12/18 14:52	0 <13>	18.09	8710	0 <13>	469.0	0.0 <13>
12/18 14:53	0 <13>	17.93	8710	0 <13>	468.4	0.0 <13>
12/18 14:54	0 <13>	18.04	8710	0 <13>	467.8	0.0 <13>
12/18 14:55	0 <13>	17.90	8710	0 <13>	468.2	0.0 <13>
12/18 14:56	0 <13>	18.22	8710	0 <13>	469.5	0.0 <13>
Average (all)	0	18.05	8710	0	469.0	0.0
Total (all)	--	--	--	--	--	--
Minimum (all)	0	17.90	8710	0	467.8	0.0
Maximum (all)	0	18.22	8710	0	469.6	0.0
Average (valid values only)	--	18.05	8710	--	469.0	--
Total (valid values only)	--	--	--	--	--	--
Count (valid values only)	0	21	21	0	21	0

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CeDAR 1-Minute Data
LAKE COGEN
Data for 12/18/2007 2:36 PM thru 12/18/2007 2:56 PM

Timestamp	(Turbine 2) Water Injection - 1-Min gal/hr	(Turbine 2) CT Megawatts 1-Min	(Facility) NOx lb/hr 1-Min Avg
12/18 14:36	42.79	49.4	83.32
12/18 14:37	42.79	49.4	83.57
12/18 14:38	42.79	49.4	83.53
12/18 14:39	42.79	49.4	83.52
12/18 14:40	42.79	49.4	83.43
12/18 14:41	42.79	49.4	83.41
12/18 14:42	42.79	49.4	83.40
12/18 14:43	42.79	49.4	83.29
12/18 14:44	42.79	49.4	83.26
12/18 14:45	42.79	49.4	83.23
12/18 14:46	42.79	49.4	83.36
12/18 14:47	42.79	49.4	83.63
12/18 14:48	42.79	49.4	83.69
12/18 14:49	42.79	49.4	83.55
12/18 14:50	42.79	49.4	83.21
12/18 14:51	42.79	49.4	83.13
12/18 14:52	42.79	49.4	83.09
12/18 14:53	42.79	49.4	83.13
12/18 14:54	42.79	49.4	82.90
12/18 14:55	42.79	49.4	83.11
12/18 14:56	42.79	49.4	83.38
Average (all)	42.79	49.4	83.34
Total (all)	--	--	--
Minimum (all)	42.79	49.4	82.90
Maximum (all)	42.79	49.4	83.69
Average (valid values only)	42.79	49.4	83.34
Total (valid values only)	--	--	--
Count (valid values only)	21	21	21

<13> = Down

CeDAR 1-Minute Data
LAKE COGEN
Data for 12/18/2007 3:04 PM thru 12/18/2007 3:24 PM

Timestamp	(Turbine 2) 60-NOx ppm 1-Min	(Turbine 2) NOx ppm @15% O2 1-Min	(Turbine 2) 60-NOx lb/mmBtu 1-Min	(Turbine 2) NOx lb/hr 1-Min Avg	(Turbine 2) 60-O2% 1-Min	(Turbine 2) CT Gas Flow hscf/hr 1-Min
12/18 15:04	26.11	23.63	0.0869	40.81	14.38	4573
12/18 15:05	26.16	23.71	0.0872	40.95	14.39	4573
12/18 15:06	26.12	23.67	0.0870	40.83	14.39	4570
12/18 15:07	26.14	23.69	0.0871	40.95	14.39	4578
12/18 15:08	26.05	23.61	0.0868	40.77	14.39	4573
12/18 15:09	26.01	23.61	0.0868	40.76	14.40	4572
12/18 15:10	25.96	23.56	0.0866	40.62	14.40	4567
12/18 15:11	25.91	23.52	0.0865	40.63	14.40	4574
12/18 15:12	25.90	23.51	0.0864	40.57	14.40	4572
12/18 15:13	25.82	23.44	0.0862	40.44	14.40	4568
12/18 15:14	25.92	23.53	0.0865	40.57	14.40	4567
12/18 15:15	25.89	23.50	0.0864	40.59	14.40	4574
12/18 15:16	25.92	23.53	0.0865	40.63	14.40	4574
12/18 15:17	25.88	23.49	0.0864	40.57	14.40	4572
12/18 15:18	25.84	23.45	0.0862	40.52	14.40	4577
12/18 15:19	25.81	23.43	0.0861	40.41	14.40	4570
12/18 15:20	25.79	23.41	0.0861	40.47	14.40	4577
12/18 15:21	25.78	23.40	0.0860	40.30	14.40	4563
12/18 15:22	25.79	23.41	0.0861	40.40	14.40	4569
12/18 15:23	25.84	23.49	0.0864	40.60	14.41	4575
12/18 15:24	25.84	23.49	0.0864	40.59	14.41	4574
Average (all)	25.93	23.53	0.0865	40.62	14.40	4572
Total (all)	--	--	--	--	--	--
Minimum (all)	25.78	23.40	0.0860	40.30	14.38	4563
Maximum (all)	26.16	23.71	0.0872	40.95	14.41	4578
Average (valid values only)	25.93	23.53	0.0865	40.62	14.40	4572
Total (valid values only)	--	--	--	--	--	--
Count (valid values only)	21	21	21	21	21	21

<13> = Down

CeDAR 1-Minute Data

LAKE COGEN

Data for 12/18/2007 3:04 PM thru 12/18/2007 3:24 PM

Timestamp	(Turbine 2) DB Gas Flow hscf/hr 1-Min	(Turbine 2) Sprint Flow gal/min 1-Min	(Turbine 2) Fd Factor CT Gas 1-Min	(Turbine 2) Fd Factor DB Gas 1-Min	(Turbine 2) CT Gas Heat Input Rate mmBtu/hr 1-Min	(Turbine 2) DB Gas Heat Input Rate mmBtu/hr 1-Min
12/18 15:04	0 <13>	18.08	8710	0 <13>	469.6	0.0 <13>
12/18 15:05	0 <13>	17.86	8710	0 <13>	469.6	0.0 <13>
12/18 15:06	0 <13>	18.22	8710	0 <13>	469.3	0.0 <13>
12/18 15:07	0 <13>	18.11	8710	0 <13>	470.2	0.0 <13>
12/18 15:08	0 <13>	18.16	8710	0 <13>	469.6	0.0 <13>
12/18 15:09	0 <13>	18.05	8710	0 <13>	469.5	0.0 <13>
12/18 15:10	0 <13>	17.83	8710	0 <13>	469.0	0.0 <13>
12/18 15:11	0 <13>	17.93	8710	0 <13>	469.7	0.0 <13>
12/18 15:12	0 <13>	18.14	8710	0 <13>	469.5	0.0 <13>
12/18 15:13	0 <13>	18.22	8710	0 <13>	469.1	0.0 <13>
12/18 15:14	0 <13>	17.91	8710	0 <13>	469.0	0.0 <13>
12/18 15:15	0 <13>	18.06	8710	0 <13>	469.7	0.0 <13>
12/18 15:16	0 <13>	17.99	8710	0 <13>	469.7	0.0 <13>
12/18 15:17	0 <13>	17.88	8710	0 <13>	469.5	0.0 <13>
12/18 15:18	0 <13>	18.06	8710	0 <13>	470.1	0.0 <13>
12/18 15:19	0 <13>	17.95	8710	0 <13>	469.3	0.0 <13>
12/18 15:20	0 <13>	18.00	8710	0 <13>	470.1	0.0 <13>
12/18 15:21	0 <13>	17.95	8710	0 <13>	468.6	0.0 <13>
12/18 15:22	0 <13>	17.94	8710	0 <13>	469.2	0.0 <13>
12/18 15:23	0 <13>	17.94	8710	0 <13>	469.9	0.0 <13>
12/18 15:24	0 <13>	17.95	8710	0 <13>	469.7	0.0 <13>
Average (all)	0	18.01	8710	0	469.5	0.0
Total (all)	--	--	--	--	--	--
Minimum (all)	0	17.83	8710	0	468.6	0.0
Maximum (all)	0	18.22	8710	0	470.2	0.0
Average (valid values only)	--	18.01	8710	--	469.5	--
Total (valid values only)	--	--	--	--	--	--
Count (valid values only)	0	21	21	0	21	0

<13> = Down

CeDAR 1-Minute Data

LAKE COGEN

Data for 12/18/2007 3:04 PM thru 12/18/2007 3:24 PM

Timestamp	(Turbine 2) Water Injection - 1-Min gal/hr	(Turbine 2) CT Megawatts 1-Min	(Facility) NOx lb/hr 1-Min Avg
12/18 15:04	42.79	49.4	83.52
12/18 15:05	42.79	49.4	83.79
12/18 15:06	42.79	49.4	83.61
12/18 15:07	42.79	49.4	83.03
12/18 15:08	42.79	49.4	82.38
12/18 15:09	42.79	49.4	82.89
12/18 15:10	42.79	49.4	83.28
12/18 15:11	42.79	49.4	83.52
12/18 15:12	42.79	49.4	82.95
12/18 15:13	42.79	49.4	82.41
12/18 15:14	42.79	49.4	82.77
12/18 15:15	42.79	49.4	82.77
12/18 15:16	42.79	49.4	82.78
12/18 15:17	42.79	49.4	82.72
12/18 15:18	42.79	49.4	82.53
12/18 15:19	42.79	49.4	82.42
12/18 15:20	42.79	49.4	82.52
12/18 15:21	42.79	49.4	82.30
12/18 15:22	42.79	49.4	82.45
12/18 15:23	42.79	49.4	82.67
12/18 15:24	42.79	49.4	82.82
Average (all)	42.79	49.4	82.86
Total (all)	--	--	--
Minimum (all)	42.79	49.4	82.30
Maximum (all)	42.79	49.4	83.79
Average (valid values only)	42.79	49.4	82.86
Total (valid values only)	--	--	--
Count (valid values only)	21	21	21

<13> = Down

CeDAR 1-Minute Data
LAKE COGEN
Data for 12/18/2007 3:33 PM thru 12/18/2007 3:53 PM

Timestamp	(Turbine 2) 60-NOx ppm 1-Min	(Turbine 2) NOx ppm @15% O2 1-Min	(Turbine 2) 60-NOx lb/mmBtu 1-Min	(Turbine 2) NOx lb/hr 1-Min Avg	(Turbine 2) 60-O2% 1-Min	(Turbine 2) CT Gas Flow hscf/hr 1-Min
12/18 15:33	25.73	23.43	0.0861	40.45	14.42	4575
12/18 15:34	25.76	23.45	0.0862	40.41	14.42	4565
12/18 15:35	25.75	23.41	0.0861	40.36	14.41	4564
12/18 15:36	25.78	23.44	0.0862	40.46	14.41	4570
12/18 15:37	25.83	23.48	0.0863	40.45	14.41	4564
12/18 15:38	25.71	23.37	0.0859	40.34	14.41	4573
12/18 15:39	25.69	23.35	0.0859	40.30	14.41	4568
12/18 15:40	25.67	23.34	0.0858	40.28	14.41	4571
12/18 15:41	25.69	23.35	0.0859	40.25	14.41	4562
12/18 15:42	25.72	23.42	0.0861	40.46	14.42	4576
12/18 15:43	25.75	23.45	0.0862	40.40	14.42	4564
12/18 15:44	25.76	23.42	0.0861	40.36	14.41	4564
12/18 15:45	25.75	23.41	0.0861	40.48	14.41	4578
12/18 15:46	25.74	23.40	0.0860	40.42	14.41	4576
12/18 15:47	25.76	23.42	0.0861	40.42	14.41	4571
12/18 15:48	25.77	23.39	0.0860	40.43	14.40	4578
12/18 15:49	25.70	23.33	0.0858	40.25	14.40	4568
12/18 15:50	25.67	23.34	0.0858	40.30	14.41	4574
12/18 15:51	25.70	23.36	0.0859	40.33	14.41	4571
12/18 15:52	25.77	23.43	0.0861	40.42	14.41	4571
12/18 15:53	25.75	23.41	0.0861	40.38	14.41	4567
Average (all)	25.74	23.40	0.0860	40.38	14.41	4570
Total (all)	--	--	--	--	--	--
Minimum (all)	25.67	23.33	0.0858	40.25	14.40	4562
Maximum (all)	25.83	23.48	0.0863	40.48	14.42	4578
Average (valid values only)	25.74	23.40	0.0860	40.38	14.41	4570
Total (valid values only)	--	--	--	--	--	--
Count (valid values only)	21	21	21	21	21	21

<13> = Down

CeDAR 1-Minute Data
LAKE COGEN
Data for 12/18/2007 3:33 PM thru 12/18/2007 3:53 PM

Timestamp	(Turbine 2) DB Gas Flow hscf/hr 1-Min	(Turbine 2) Sprint Flow gal/min 1-Min	(Turbine 2) Fd Factor CT Gas 1-Min	(Turbine 2) Fd Factor DB Gas 1-Min	(Turbine 2) CT Gas Heat Input Rate mmBtu/hr 1-Min	(Turbine 2) DB Gas Heat Input Rate mmBtu/hr 1-Min
12/18 15:33	0 <13>	18.03	8710	0 <13>	469.9	0.0 <13>
12/18 15:34	0 <13>	18.13	8710	0 <13>	468.8	0.0 <13>
12/18 15:35	0 <13>	18.01	8710	0 <13>	468.7	0.0 <13>
12/18 15:36	0 <13>	17.97	8710	0 <13>	469.3	0.0 <13>
12/18 15:37	0 <13>	17.91	8710	0 <13>	468.7	0.0 <13>
12/18 15:38	0 <13>	18.16	8710	0 <13>	469.6	0.0 <13>
12/18 15:39	0 <13>	18.16	8710	0 <13>	469.1	0.0 <13>
12/18 15:40	0 <13>	17.92	8710	0 <13>	469.4	0.0 <13>
12/18 15:41	0 <13>	18.12	8710	0 <13>	468.5	0.0 <13>
12/18 15:42	0 <13>	18.12	8710	0 <13>	470.0	0.0 <13>
12/18 15:43	0 <13>	18.12	8710	0 <13>	468.7	0.0 <13>
12/18 15:44	0 <13>	18.12	8710	0 <13>	468.7	0.0 <13>
12/18 15:45	0 <13>	18.05	8710	0 <13>	470.2	0.0 <13>
12/18 15:46	0 <13>	18.14	8710	0 <13>	470.0	0.0 <13>
12/18 15:47	0 <13>	17.93	8710	0 <13>	469.4	0.0 <13>
12/18 15:48	0 <13>	18.05	8710	0 <13>	470.2	0.0 <13>
12/18 15:49	0 <13>	18.16	8710	0 <13>	469.1	0.0 <13>
12/18 15:50	0 <13>	18.00	8710	0 <13>	469.7	0.0 <13>
12/18 15:51	0 <13>	18.03	8710	0 <13>	469.4	0.0 <13>
12/18 15:52	0 <13>	17.88	8710	0 <13>	469.4	0.0 <13>
12/18 15:53	0 <13>	17.97	8710	0 <13>	469.0	0.0 <13>
Average (all)	0	18.05	8710	0	469.3	0.0
Total (all)	--	--	--	--	--	--
Minimum (all)	0	17.88	8710	0	468.5	0.0
Maximum (all)	0	18.16	8710	0	470.2	0.0
Average (valid values only)	--	18.05	8710	--	469.3	--
Total (valid values only)	--	--	--	--	--	--
Count (valid values only)	0	21	21	0	21	0

<13> = Down

CeDAR 1-Minute Data
LAKE COGEN
Data for 12/18/2007 3:33 PM thru 12/18/2007 3:53 PM

Timestamp	(Turbine 2) Water Injection - 1-Min gal/hr	(Turbine 2) CT Megawatts 1-Min	(Facility) NOx lb/hr 1-Min Avg
12/18 15:33	42.79	49.4	82.63
12/18 15:34	42.79	49.4	82.50
12/18 15:35	42.79	49.4	82.53
12/18 15:36	42.79	49.4	82.54
12/18 15:37	42.79	49.4	82.59
12/18 15:38	42.79	49.4	82.48
12/18 15:39	42.79	49.4	82.30
12/18 15:40	42.79	49.4	82.36
12/18 15:41	42.79	49.4	82.42
12/18 15:42	42.79	49.4	82.68
12/18 15:43	42.79	49.4	82.62
12/18 15:44	42.79	49.4	82.50
12/18 15:45	42.79	49.4	82.56
12/18 15:46	42.79	49.4	82.59
12/18 15:47	42.79	49.4	82.46
12/18 15:48	42.79	49.4	82.44
12/18 15:49	42.79	49.4	82.30
12/18 15:50	42.79	49.4	82.39
12/18 15:51	42.79	49.4	82.64
12/18 15:52	42.79	49.4	82.69
12/18 15:53	42.79	49.4	82.64
Average (all)	42.79	49.4	82.52
Total (all)	--	--	--
Minimum (all)	42.79	49.4	82.30
Maximum (all)	42.79	49.4	82.69
Average (valid values only)	42.79	49.4	82.52
Total (valid values only)	--	--	--
Count (valid values only)	21	21	21

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CeDAR 1-Minute Data

LAKE COGEN

Data for 12/18/2007 4:01 PM thru 12/18/2007 4:21 PM

Timestamp	(Turbine 2) 60-NOx ppm 1-Min	(Turbine 2) NOx ppm @15% O2 1-Min	(Turbine 2) 60-NOx lb/mmBtu 1-Min	(Turbine 2) NOx lb/hr 1-Min Avg	(Turbine 2) 60-O2% 1-Min	(Turbine 2) CT Gas Flow hscf/hr 1-Min
12/18 16:01	25.74	23.40	0.0860	40.29	14.41	4562
12/18 16:02	25.74	23.40	0.0860	40.29	14.41	4562
12/18 16:03	25.61	23.28	0.0856	40.18	14.41	4570
12/18 16:04	25.62	23.26	0.0855	40.08	14.40	4565
12/18 16:05	25.57	23.21	0.0853	40.01	14.40	4567
12/18 16:06	25.56	23.24	0.0854	40.03	14.41	4564
12/18 16:07	25.53	23.17	0.0852	39.98	14.40	4569
12/18 16:08	25.60	23.24	0.0854	40.01	14.40	4562
12/18 16:09	25.61	23.25	0.0855	40.07	14.40	4563
12/18 16:10	25.54	23.18	0.0852	40.01	14.40	4573
12/18 16:11	25.60	23.27	0.0855	40.16	14.41	4574
12/18 16:12	25.57	23.21	0.0853	40.07	14.40	4574
12/18 16:13	25.60	23.24	0.0854	40.11	14.40	4573
12/18 16:14	25.57	23.21	0.0853	40.10	14.40	4578
12/18 16:15	25.54	23.18	0.0852	39.97	14.40	4568
12/18 16:16	25.55	23.23	0.0854	40.04	14.41	4565
12/18 16:17	25.56	23.20	0.0853	39.98	14.40	4564
12/18 16:18	25.51	23.16	0.0851	39.93	14.40	4569
12/18 16:19	25.60	23.24	0.0854	40.08	14.40	4570
12/18 16:20	25.57	23.25	0.0854	40.07	14.41	4569
12/18 16:21	25.65	23.28	0.0856	40.21	14.40	4574
Average (all)	25.59	23.24	0.0854	40.08	14.40	4568
Total (all)	--	--	--	--	--	--
Minimum (all)	25.51	23.16	0.0851	39.93	14.40	4562
Maximum (all)	25.74	23.40	0.0860	40.29	14.41	4578
Average (valid values only)	25.59	23.24	0.0854	40.08	14.40	4568
Total (valid values only)	--	--	--	--	--	--
Count (valid values only)	21	21	21	21	21	21

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CeDAR 1-Minute Data
LAKE COGEN
Data for 12/18/2007 4:01 PM thru 12/18/2007 4:21 PM

Timestamp	(Turbine 2) DB Gas Flow hscf/hr 1-Min	(Turbine 2) Sprint Flow gal/min 1-Min	(Turbine 2) Fd Factor CT Gas 1-Min	(Turbine 2) Fd Factor DB Gas 1-Min	(Turbine 2) CT Gas Heat Input Rate mmBtu/hr 1-Min	(Turbine 2) DB Gas Heat Input Rate mmBtu/hr 1-Min
12/18 16:01	0 <13>	18.04	8710	0 <13>	468.5	0.0 <13>
12/18 16:02	0 <13>	17.77	8710	0 <13>	468.5	0.0 <13>
12/18 16:03	0 <13>	17.94	8710	0 <13>	469.3	0.0 <13>
12/18 16:04	0 <13>	18.04	8710	0 <13>	468.8	0.0 <13>
12/18 16:05	0 <13>	18.16	8710	0 <13>	469.0	0.0 <13>
12/18 16:06	0 <13>	17.97	8710	0 <13>	468.7	0.0 <13>
12/18 16:07	0 <13>	18.02	8710	0 <13>	469.2	0.0 <13>
12/18 16:08	0 <13>	17.89	8710	0 <13>	468.5	0.0 <13>
12/18 16:09	0 <13>	17.89	8710	0 <13>	468.6	0.0 <13>
12/18 16:10	0 <13>	17.97	8710	0 <13>	469.6	0.0 <13>
12/18 16:11	0 <13>	18.02	8710	0 <13>	469.7	0.0 <13>
12/18 16:12	0 <13>	17.86	8710	0 <13>	469.7	0.0 <13>
12/18 16:13	0 <13>	18.01	8710	0 <13>	469.6	0.0 <13>
12/18 16:14	0 <13>	18.01	8710	0 <13>	470.2	0.0 <13>
12/18 16:15	0 <13>	18.01	8710	0 <13>	469.1	0.0 <13>
12/18 16:16	0 <13>	18.01	8710	0 <13>	468.8	0.0 <13>
12/18 16:17	0 <13>	18.01	8710	0 <13>	468.7	0.0 <13>
12/18 16:18	0 <13>	18.01	8710	0 <13>	469.2	0.0 <13>
12/18 16:19	0 <13>	18.01	8710	0 <13>	469.3	0.0 <13>
12/18 16:20	0 <13>	18.01	8710	0 <13>	469.2	0.0 <13>
12/18 16:21	0 <13>	18.07	8710	0 <13>	469.7	0.0 <13>
Average (all)	0	17.99	8710	0	469.1	0.0
Total (all)	--	--	--	--	--	--
Minimum (all)	0	17.77	8710	0	468.5	0.0
Maximum (all)	0	18.16	8710	0	470.2	0.0
Average (valid values only)	--	17.99	8710	--	469.1	--
Total (valid values only)	--	--	--	--	--	--
Count (valid values only)	0	21	21	0	21	0

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CeDAR 1-Minute Data
LAKE COGEN
Data for 12/18/2007 4:01 PM thru 12/18/2007 4:21 PM

Timestamp	(Turbine 2) Water Injection - 1-Min gal/hr	(Turbine 2) CT Megawatts 1-Min	(Facility) NOx lb/hr 1-Min Avg
12/18 16:01	42.79	49.4	82.56
12/18 16:02	42.79	49.6	82.63
12/18 16:03	42.79	49.6	82.53
12/18 16:04	42.79	49.6	82.53
12/18 16:05	42.79	49.6	82.37
12/18 16:06	42.79	49.6	82.35
12/18 16:07	42.79	49.6	82.26
12/18 16:08	42.79	49.6	82.37
12/18 16:09	42.79	49.6	82.39
12/18 16:10	42.79	49.6	82.46
12/18 16:11	42.79	49.6	82.75
12/18 16:12	42.79	49.6	82.58
12/18 16:13	42.79	49.6	82.44
12/18 16:14	42.79	49.6	82.60
12/18 16:15	42.79	49.6	82.38
12/18 16:16	42.79	49.6	82.39
12/18 16:17	42.79	49.6	82.37
12/18 16:18	42.79	49.6	82.34
12/18 16:19	42.79	49.6	82.57
12/18 16:20	42.79	49.6	82.66
12/18 16:21	42.79	49.6	82.80
Average (all)	42.79	49.6	82.49
Total (all)	--	--	--
Minimum (all)	42.79	49.4	82.26
Maximum (all)	42.79	49.6	82.80
Average (valid values only)	42.79	49.6	82.49
Total (valid values only)	--	--	--
Count (valid values only)	21	21	21

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APPENDIX F

PROJECT PARTICIPANTS

PROJECT PARTICIPANTS

Air Consulting and Engineering, Inc.

Steve Bell
Field Testing

Charles Reshard
Field Testing

Dagmar Fick
Report Preparation

Gloria Gagich
Document Production

Lake Cogeneration Ltd

Jim Miller
Plant Manager
Test Coordinator

Caithness

Tom Grace
Project Coordinator

FDEP

Garry Kuberski
Russell A. Wilder
Observers