

TABLE 1 - NOX RATA RESULTS  
 Unit 2 CT- Engine No. 191315  
 Lake Cogeneration L.P.  
 Umatilla, Florida  
 12/18/2007

NATURAL GAS FIRING  
 FD = 8710  
 FC = 1040

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 NEER,*

*12/19/07*

*JK*

*PRELIMINARY STATE TEST - PART*

RELATIVE ACCURACY DETERMINATION(NOX/DILUENT)

RUN NO.	TIME BEGIN	TIME END	REFERENCE METHOD			NOX COMBINED SYSTEM(LB/MMBtu)			
			NOX PPM	O2 %	LB/MMBtu	CO	RM	M	DIFF
1	7:45	8:15	26.56	14.44	0.0894	26.50	0.0894	0.0895	-0.0001
2	8:37	9:07	25.78	14.40	0.0862	27.42	0.0862	0.0886	-0.0024
3	9:22	9:52	25.85	14.42	0.0867	27.29	0.0867	0.0884	-0.0017
4	10:06	10:36	25.51	14.40	0.0853	27.19	0.0853	0.0880	-0.0027
5	10:51	11:21	24.91	14.37	0.0829	26.78	0.0829	0.0885	-0.0056
6	11:38	12:08	25.43	14.42	0.0853	28.58	0.0853	0.0866	-0.0013
7	14:07	14:28	26.07	14.38	0.0869		0.0869	0.0876	-0.0007
8	14:35	14:56	25.35	14.37	0.0844		0.0844	0.0869	-0.0025
9	15:03	15:24	25.30	14.36	0.0841		0.0841	0.0865	-0.0024
10	15:32	15:53	25.14	14.35	0.0834		0.0834	0.0860	-0.0026
11	16:00	16:21	25.20	14.36	0.0838		0.0838	0.0865	-0.0027
12					NA		NA		delete
TOTAL DATA POINTS USED:			2.306						
AVERAGE:			25.55	14.39	0.085	9	0.085	0.088	-0.0022
AVERAGE DIFF. CORRECTED FOR DELETED RUNS:									-0.0018
Sd:									0.0009
CC:									0.0007
RA:									2.96
BAF(BIAS ADJUSTMENT):									1.000

PASSED WITH AVERAGE DIFFERENCE < 0.015  
 PASSED WITH RA < 7.5%

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Mass Emissions  
Unit 2 CT- Engine No. 191315  
Lake Cogeneration L.P.  
Umatilla, Florida  
12/18/07

Fuel Btu/CF= 1027

Run Number	NOx lb/MM	CO lb/MM	Fuel MSCFH	MMBtuH	NOx lb/hr	CO lb/hr	CO PPM
1 CT	0.0894	0.054	4619	474.37	42.41	25.74	26.50
2 CT	0.0862	0.056	4580	470.37	40.55	26.25	27.42
3 CT	0.0867	0.056	4578	470.16	40.76	26.19	27.29
4 CT	0.0853	0.055	4579	470.26	40.11	26.02	27.19
5 CT	0.0829	0.054	4579	470.26	38.98	25.51	26.78
6 CT	0.0853	0.058	4571	469.44	40.04	27.39	28.58
Averages:	0.086	0.056	4584	470.81	40.48	26.18	27.29

PRELIMINARY STACK TEST DATA

2006	November	149,289.79	148,217.93	157,351.44	156,221.70	35.45	836.31	37.36	881.47	0	0
2006	December	150,764.54	153,405.03	158,905.83	161,688.90	0.00	272.05	0.00	286.74	0	0
2007	January	150,147.79	154,017.44	158,255.77	162,334.38	3.24	148.19	3.41	156.19	0	0
2007	February	136,667.11	135,796.73	144,047.13	143,129.75	300.27	170.54	316.48	179.75	0	0
2007	March	151,456.67	150,777.06	159,635.33	158,919.02	247.36	250.94	260.72	264.49	0	0
2007	April	147,282.12	147,408.42	155,235.35	155,368.37	55.97	399.49	58.99	421.06	0	0
2007	May	149,684.65	151,714.91	157,947.01	159,907.52	84.62	182.50	89.19	182.36	0	0
2007	June	136,038.90	146,981.10	143,385.00	154,918.08	791.94	1736.41	834.70	1,830.18	0	0
2007	July	150,487.60	152,056.85	158,613.93	160,267.92	2,864.28	622.13	3,018.95	655.72	0	0
2007	August	150,513.51	150,495.53	158,641.24	158,622.29	2,710.05	921.22	2,896.39	970.96	0	0
2007	September	146,299.78	147,394.45	154,199.97	155,353.75	1,185.92	3,207.43	1,249.96	3,380.63	0	0
2007	October	151,466.26	153,180.12	159,645.44	161,451.85	1,075.92	4239.35	1,134.02	4,468.27	0	0
2007	November	81,270.33	110,118.18	85,658.93	116,094.56	3,606.25	5237.66	3,800.99	5,520.49	0	0

Records

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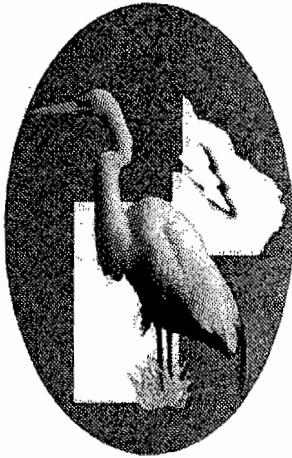
1,865,169.38	1,897,626.94	8,001.39	52,102.19	0.00	0.00
1,866,390.52	1,891,142.02	6,972.98	46,523.37	0.00	0.00
1,860,826.27	1,889,647.68	5,180.41	41,579.52	0.00	0.00
1,859,159.88	1,888,349.97	4,719.01	37,071.80	0.00	0.00
1,858,809.81	1,888,009.53	3,269.77	32,907.05	0.00	0.00
1,859,522.77	1,888,429.31	2,159.70	29,907.00	0.00	0.00
1,857,764.23	1,890,281.88	2,247.88	27,171.86	0.00	0.00
1,864,759.09	1,890,065.90	3,062.58	23,662.09	0.00	0.00
1,862,513.81	1,890,128.52	5,987.69	17,654.15	0.00	0.00
1,861,164.67	1,887,562.33	7,528.72	12,147.00	0.00	0.00
1,860,944.47	1,887,399.27	8,776.68	10,594.01	0.00	0.00
1,865,863.44	1,888,181.52	9,860.19	13,687.83	0.00	0.00
1,794,170.93	1,848,024.39	13,623.81	18,328.85	0.00	0.00

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## Lake Cogen

**Allan Oliver**  
Operations Manager

Lake Cogeneration  
39001 Golden Gem Drive  
Umatilla, FL 32784  
Tel 352-669-3288 Ext. 28  
Fax 352-669-3188  
aoliver@caithnessenergy.com



## Lake Cogen

**Mike Wong**  
Maintenance Manager

Lake Cogeneration  
39001 Golden Gem Drive  
Umatilla, FL 32784  
Tel 352-669-3288 Ext. 32  
Fax 352-669-3188  
mwong@caithnessenergy.com