

# Hopping Green & Sams

Attorneys and Counselors

Writer's Direct Dial No.  
(850) 425-2359

April 1, 2005

## **BY HAND DELIVERY**

Blanca Bayó  
Director, Division of Commission Clerk  
Florida Public Service Commission  
2540 Shumard Oak Boulevard  
Tallahassee, FL 32399

Re: Docket 050001-EI  
**CONFIDENTIAL INFORMATION ENCLOSED**

Dear Ms. Bayó:

Enclosed for filing in the above referenced docket on behalf of Progress Energy Florida, Inc. ("PEF") are the original and fifteen copies of the following:

- Pre-filed Direct Testimony of Michael F. Jacob with Exhibit No. \_\_ (MFJ-1T);
- Pre-filed Direct Testimony of Pamela R. Murphy with Exhibit No. \_\_ (PRM-1T) and Exhibit No. \_\_ (PRM-2T);
- Pre-filed Direct Testimony of Albert W. Pitcher with a redacted copy of Exhibit No. \_\_ (AWP-4); and
- PEF's Request for Confidential Classification for portions of Exhibit No. \_\_ (AWP-4), along with a package containing two redacted copies of the exhibit and a separate envelope labeled "CONFIDENTIAL" containing one unredacted copy of the exhibit with the confidential information highlighted in yellow.

I also have included a diskette containing the testimony and Request for Confidential Classification in Microsoft Word, along with the exhibits in PDF format.

DOCUMENT NUMBER-DATE

03215 APR-1 8

Ms. Blanca Bayó  
April 1, 2005  
Page 2

Please acknowledge receipt and filing of the above by stamping the enclosed extra copies of the testimony and attached exhibit and returning them to me. If you have any questions concerning this filing, please contact me at 425-2359.

Thank you for your assistance in connection with this matter.

Very truly yours,

HOPPING GREEN & SAMS, P.A.

By:

  
Gary V. Perko

Attorneys for PROGRESS ENERGY FLORIDA, INC.

GVP/dwg  
Enclosures  
cc: Certificate of Service

Hopping Green & Sams

Attorneys and Counselors

## CERTIFICATE OF SERVICE

I HEREBY CERTIFY, on behalf of Progress Energy Florida, Inc., that true and correct copies of the Direct Testimony and Exhibits of Michael F. Jacob, Pamela R. Murphy, and Albert W. Pitcher and Progress Energy's Request for Confidential Classification in Docket No. 050001-EI have been furnished by hand-delivery (\*) or regular U.S. mail to the following this 13<sup>th</sup> day of April, 2005.

Adrienne Vining, Esq. (\*)  
Jennifer Rodan, Esq.  
Florida Public Service Commission  
2540 Shumard Oak Blvd.  
Tallahassee, FL 32399-0850

James A. McGee  
Progress Energy Services Co, LLC.  
P.O. Box 14042  
St. Petersburg, FL 33733-4042

John T. Butler, Esq.  
Steel Hector & Davis, LLP  
200 S. Biscayne Bay Blvd, Suite 4000  
Miami, FL 33131-2398

Lee L. Willis, Esq.  
James D. Beasley, Esq.  
Ausley & McMullen  
P.O. Box 391  
Tallahassee, FL 32302

Patricia Ann Christensen, Esq.  
Office of Public Counsel  
111 West Madison Street, Rm. 812  
Tallahassee, FL 32399

Jeffrey A. Stone, Esq.  
Russell A. Badders, Esq.  
Beggs and Lane  
P.O. Box 12950  
Pensacola, FL 32576

Florida Industrial Power Users Group  
c/o John W. McWhirter, Jr.  
McWhirter Reeves  
400 North Tampa Street, Suite 2450  
Tampa, FL 33602

Vicki Gordon Kaufman, Esq.  
Timothy J. Perry, Esq.  
McWhirter Reeves, et al.  
117 South Gadsden Street  
Tallahassee, FL 32301

Florida Power & Light Co.  
R. Wade Litchfield, Esq.  
700 Universe Blvd.  
Juno Beach, FL 33408-0420

Florida Power & Light Co.  
Bill Walker  
215 S. Monroe Street, Suite 810  
Tallahassee, FL 32301

Gulf Power Company  
Susan Ritenour  
One Energy Place  
Pensacola, FL 32520-0780

Tampa Electric Company  
Angela Llewellyn  
Regulatory Affairs  
P.O. Box 111  
Tampa, FL 33601-0111

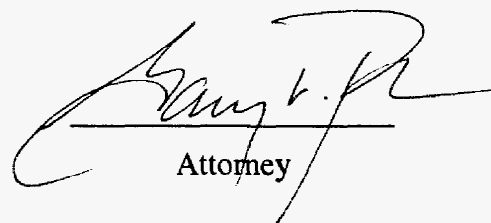
Messer Law Firm  
Norman Horton, Jr.  
P.O. Box 1876  
Tallahassee, FL 32302-1876

Florida Public Utilities Company  
Ms. Cheryl Martin  
P. O. Box 3395  
West Palm Beach, FL 33402-3395

CSX Transportation, Inc.  
Mark Hoffman  
500 Water St., 14th Floor  
Jacksonville, FL 32202

Landers Law Firm  
Robert Scheffel Wright/John LaVia, III  
P.O. Box 271  
Tallahassee, FL 32302

Moyle Law Firm  
Jon C. Moyle, Jr.  
The Perkins House  
118 North Gadsden Street  
Tallahassee, FL 32301

  
Attorney

**PROGRESS ENERGY FLORIDA**

**DOCKET No. 050001-EI**

**GPIF Reward/Penalty Amount for  
January through December 2004**

**DIRECT TESTIMONY OF  
MICHAEL F. JACOB**

1 **Q. Please state your name and business address.**

2 A. My name is Michael F. Jacob. My business address is 410 South Wilmington  
3 Street, Raleigh, North Carolina, 27601.

4

5 **Q. By whom are you employed and in what capacity?**

6 A. I am employed by Progress Energy Carolinas as Manager of Generation  
7 Modeling and Analysis.

8

9 **Q. Have your responsibilities as Manager of Generation Modeling and**  
10 **Analysis remained the same since you last testified in this proceeding?**

11 A. Yes, my responsibilities regarding the preparation of the Generation  
12 Performance Incentive Factor (GPIF) filing requirements for Progress Energy  
13 Florida (the Company) have remained the same.

14

15 **Q. What is the purpose of your testimony?**

1 A. The purpose of my testimony is to describe the calculation of the Company's  
2 GPIF reward/penalty amount for the period of January through December  
3 2004. This calculation was based on a comparison of the actual performance  
4 of the Company's nine GPIF generating units for this period against the  
5 approved targets set for these units prior to the actual performance period.  
6

7 **Q. Do you have an exhibit to your testimony in this proceeding?**

8 A. Yes, I am sponsoring Exhibit No. \_\_\_\_\_ (MFJ-1T), which consists of the  
9 schedules required by the GPIF Implementation Manual to support the  
10 development of the incentive amount. This 28-page exhibit is attached to my  
11 prepared testimony and includes as its first page an index to the contents of  
12 the exhibit.  
13

14 **Q. What GPIF incentive amount have you calculated for this period?**

15 A. I have calculated the Company's GPIF incentive amount to be a reward of  
16 \$532,353. This amount was developed in a manner consistent with the GPIF  
17 Implementation Manual. Page 2 of my exhibit shows the system GPIF points  
18 and the corresponding reward. The summary of weighted incentive points  
19 earned by each individual unit can be found on page 4 of my exhibit.  
20

21 **Q. How were the incentive points for equivalent availability and heat rate  
22 calculated for the individual GPIF units?**

23 A. The calculation of incentive points was made by comparing the adjusted  
24 actual performance data for equivalent availability and heat rate to the target  
25 performance indicators for each unit. This comparison is shown on each

1 unit's Generating Performance Incentive Points Table found on pages 9  
2 through 17 of my exhibit.

3

4 **Q. Why is it necessary to make adjustments to the actual performance data**  
5 **for comparison with the targets?**

6 A. Adjustments to the actual equivalent availability and heat rate data are  
7 necessary to allow their comparison with the "target" Point Tables exactly as  
8 approved by the Commission prior to the period. These adjustments are  
9 described in the Implementation Manual and are further explained by a Staff  
10 memorandum, dated October 23, 1981, directed to the GPIF utilities. The  
11 adjustments to actual equivalent availability concern primarily the differences  
12 between target and actual planned outage hours, and are shown on page 7 of  
13 my exhibit. The heat rate adjustments concern the differences between the  
14 target and actual Net Output Factor (NOF), and are shown on page 8. The  
15 methodology for both the equivalent availability and heat rate adjustments are  
16 explained in the Staff memorandum.

17

18 **Q. Have you provided the as-worked planned outage schedules for the**  
19 **Company's GPIF units to support your adjustments to actual equivalent**  
20 **availability?**

21 A. Yes. Page 27 of my exhibit summarizes the planned outages experienced by  
22 the Company's GPIF units during the period. Page 28 presents an as-worked  
23 schedule for each individual planned outage.

1 **Q. Does this conclude your testimony?**

2 **A. Yes.**

**GPIF REWARD/PENALTY SCHEDULES**

<b><u>Description</u></b>	<b><u>Sheet</u></b>
Index	1
Reward/Penalty Table (Actual)	2
Calculation of Maximum Incentive Dollars (Actual)	3
Calculation of System Actual GPIF Points	4
GPIF Unit Performance Summary	5
Actual Unit Performance Data	6
Adjustments to EAF Actual	7
Adjustments to ANOHR Actual	8
Generating Performance Incentive Points Table	9-17
Actual Unit Performance Data	18-26
Planned Outage Schedules (Actual)	27-28



## GENERATING PERFORMANCE INCENTIVE FACTOR

## REWARD/PENALTY TABLE

## ACTUAL

Progress Energy Florida  
January 2004 - December 2004

Generating Performance Incentive Points (GPIF)	Fuel Savings/Loss (\$)	Generating Performance Incentive Factor (\$)
10	\$66,950,546	\$8,653,524
9	\$60,255,492	\$7,788,171
8	\$53,560,437	\$6,922,819
7	\$46,865,382	\$6,057,467
6	\$40,170,328	\$5,192,114
5	\$33,475,273	\$4,326,762
4	\$26,780,218	\$3,461,409
3	\$20,085,164	\$2,596,057
2	\$13,390,109	\$1,730,705
1	\$6,695,055	\$865,352
**** 0.615	\$4,118,703	\$532,353
0	\$0	\$0
-1	(\$8,663,355)	(\$865,352)
-2	(\$17,326,709)	(\$1,730,705)
-3	(\$25,990,064)	(\$2,596,057)
-4	(\$34,653,418)	(\$3,461,409)
-5	(\$43,316,773)	(\$4,326,762)
-6	(\$51,980,128)	(\$5,192,114)
-7	(\$60,643,482)	(\$6,057,467)
-8	(\$69,306,837)	(\$6,922,819)
-9	(\$77,970,192)	(\$7,788,171)
-10	(\$86,633,546)	(\$8,653,524)

Issued by: Progress Energy Florida

Filed:  
Suspended:  
Effective:  
Docket No.:  
Order No.:

## GENERATION PERFORMANCE INCENTIVE FACTOR

## CALCULATION OF MAXIMUM ALLOWED INCENTIVE DOLLARS

Progress Energy Florida  
January 2004 - December 2004

1	Beginning of period balance of common equity	\$2,142,543,737	
2	END OF MONTH BALANCE OF COMMON EQUITY:		
	Month of JANUARY 2004	\$2,163,970,531	
3	Month of FEBRUARY 2004	\$2,140,185,465	
4	Month of MARCH 2004	\$2,149,341,003	
5	Month of APRIL 2004	\$2,160,977,073	
6	Month of MAY 2004	\$2,151,168,100	
7	Month of JUNE 2004	\$2,194,258,565	
8	Month of JULY 2004	\$2,238,149,249	
9	Month of AUGUST 2004	\$2,245,608,208	
10	Month of SEPTEMBER 2004	\$2,295,659,179	
11	Month of OCTOBER 2004	\$2,329,085,376	
12	Month of NOVEMBER 2004	\$2,305,334,119	
13	Month of DECEMBER 2004	\$2,320,982,845	
14	Average common equity for the period	\$ 2,218,251,035	
15	25 Basis Points	0.0025	
16	Revenue Expansion Factor	61.3808%	
17	Maximum allowed incentive dollars	\$9,034,792	
18	Jurisdictional Sales *	38,193,103	MWH
19	Total Sales *	39,876,226	MWH
20	Jurisdictional Separation Factor	95.78%	
21	Maximum allowed jurisdictional incentive dollars	\$8,653,524	
*	Net sales (Sales - Interruptible)		

Issued by: Progress Energy Florida

Filed:  
Suspended:  
Effective:  
Docket No.:  
Order No.:

## GENERATION PERFORMANCE INCENTIVE FACTOR

## CALCULATION OF SYSTEM ACTUAL GPIF POINTS

Progress Energy Florida  
January 2004 - December 2004

<u>Plant/Unit</u>	<u>Performance Indicator EAF or ANOHR</u>	<u>Weighting Factor %</u>	<u>Unit Points</u>	<u>Weighted Unit Points</u>
Anclote 1	EAF	2.64	5.740	0.151
	ANOHR	6.20	2.620	0.162
Anclote 2	EAF	5.62	2.850	0.160
	ANOHR	3.56	0.000	0.000
Crystal River 1	EAF	6.93	1.352	0.094
	ANOHR	2.12	-10.000	-0.212
Crystal River 2	EAF	10.02	4.539	0.455
	ANOHR	4.04	0.000	0.000
Crystal River 3	EAF	6.10	0.676	0.041
	ANOHR	11.46	0.000	0.000
Crystal River 4	EAF	11.31	-6.003	-0.679
	ANOHR	3.54	-2.681	-0.095
Crystal River 5	EAF	9.76	10.000	0.976
	ANOHR	3.74	-2.852	-0.107
Hines 1	EAF	0.97	-10.000	-0.097
	ANOHR	8.37	0.345	0.029
Tiger Bay	EAF	0.83	1.865	0.015
	ANOHR	2.79	-10.000	-0.279
GPIF System		100.00		0.615

Issued by: Progress Energy Florida

Filed:  
Suspended:  
Effective:  
Docket No.:  
Order No.:

GENERATION PERFORMANCE INCENTIVE FACTOR  
GPIF UNIT PERFORMANCE SUMMARY

Progress Energy Florida  
January 2004 - December 2004

Plant/Unit	Weighting Factor (%)	EAF Target (%)	EAF RANGE		Max. Fuel Savings (\$000)	Max. Fuel Loss (\$000)	EAF Adjusted Actual (%)	Estimated Fuel Savings/ Loss (\$000)
			Max. (%)	Min. (%)				
Anclote 1	2.64	94.43	97.06	89.02	\$1,766	(\$1,047)	95.94	\$1,013.7
Anclote 2	5.62	91.14	93.51	86.25	\$3,760	(\$3,196)	91.81	\$1,071.8
Crystal River 1	6.93	81.13	84.58	74.26	\$4,643	(\$4,558)	81.60	\$627.6
Crystal River 2	10.02	81.26	89.76	65.47	\$6,710	(\$24,309)	85.12	\$3,045.8
Crystal River 3	6.10	97.14	98.49	94.32	\$4,084	(\$5,380)	97.23	\$276.2
Crystal River 4	11.31	85.22	87.67	80.24	\$7,574	(\$9,951)	82.23	(\$5,973.9)
Crystal River 5	9.76	93.42	96.49	87.23	\$6,535	(\$6,682)	96.59	\$6,535.0
Hines 1	0.97	88.27	89.30	86.15	\$650	(\$519)	85.67	(\$519.0)
Tiger Bay	0.83	87.99	90.04	83.83	\$554	(\$317)	88.37	\$103.3
GPIF System	54.18				\$36,276	(\$55,959)		\$6,180.5

Plant/Unit	Weighting Factor (%)	ANOHR Target		ANOHR RANGE		Max. Fuel Savings (\$000)	Max. Fuel Loss (\$000)	ANOHR Adjusted Actual (Btu/kwh)	Estimated Fuel Savings/ Loss (\$000)
		(BTU/KWH)	NOF	Min. (Btu/kwh)	Max. (Btu/kwh)				
Anclote 1	6.20	10407	46.8	9897	10917	\$4,151	(\$4,151)	10218	\$1,087.4
Anclote 2	3.56	10174	50.4	9891	10458	\$2,381	(\$2,381)	10224	\$0.0
Crystal River 1	2.12	9731	90.2	9465	9998	\$1,419	(\$1,419)	10041	(\$1,419.2)
Crystal River 2	4.04	9685	83.8	9276	10094	\$2,702	(\$2,702)	9634	\$0.0
Crystal River 3	11.46	10308	100.6	10094	10521	\$7,675	(\$7,675)	10261	\$0.0
Crystal River 4	3.54	9322	93.6	9125	9520	\$2,371	(\$2,371)	9430	(\$635.6)
Crystal River 5	3.74	9389	91.6	9194	9584	\$2,502	(\$2,502)	9498	(\$713.7)
Hines 1	8.37	7530	68.9	7077	7983	\$5,604	(\$5,604)	7442	\$193.2
Tiger Bay	2.79	7964	71.5	7725	8202	\$1,870	(\$1,870)	8352	(\$1,869.9)
GPIF System	45.82					\$30,675	(\$30,675)		(\$3,357.8)

Issued by: Progress Energy Florida

Filed:

Suspended:

Effective:

Docket No.:

Order No.:

GENERATION PERFORMANCE INCENTIVE FACTOR  
ACTUAL UNIT PERFORMANCE DATA

Progress Energy Florida  
January 2004 - December 2004

Plant/Unit	ACTUAL EAF %	ADJUSTMENTS (1) TO EAF %	ADJUSTED ACTUAL EAF %
Anclote 1	95.94	0.00	95.94
Anclote 2	88.44	3.37	91.81
Crystal River 1	80.31	1.29	81.60
Crystal River 2	85.12	0.00	85.12
Crystal River 3	97.23	0.00	97.23
Crystal River 4	90.92	-8.69	82.23
Crystal River 5	94.41	2.18	96.59
Hines 1	81.42	4.25	85.67
Tiger Bay	89.31	-0.94	88.37

Plant/Unit	ACTUAL ANOHR BTU/KWH	ADJUSTMENTS (2) TO ANOHR BTU/KWH	ADJUSTED ACTUAL ANOHR BTU/KWH
Anclote 1	9937.4	280.4	10217.8
Anclote 2	10112.6	111.5	10224.2
Crystal River 1	10233.7	-193.0	10040.7
Crystal River 2	9857.1	-223.5	9633.6
Crystal River 3	10255.8	5.1	10260.9
Crystal River 4	9543.2	-113.0	9430.2
Crystal River 5	9532.9	-34.8	9498.1
Hines 1	7487.2	-45.4	7441.7
Tiger Bay	8104.4	247.5	8351.9

(1) For documentation of adjustments to actual EAF, see sheet 6.

(2) For documentation of adjustments to actual ANOHR, see sheet 7.

Issued by: Progress Energy Florida

Filed:  
Suspended:  
Effective:  
Docket No.:  
Order No.:

GENERATION PERFORMANCE INCENTIVE FACTOR  
ADJUSTMENTS TO EAF ACTUAL

Progress Energy Florida  
January 2004 - December 2004

EAF adjustments for <u>Planned Outage Hours</u>			<u>AN1</u>	<u>AN2</u>	<u>CR1</u>	<u>CR2</u>	<u>CR3</u>	<u>CR4</u>	<u>CR5</u>	<u>HN1</u>	<u>TB</u>
1	Actual POH	Hrs.	0.00	646.23	1130.67	0.00	0.00	0.00	198.20	1233.75	585.82
2	Target POH	Hrs.	0.00	336.00	1008.00	0.00	0.00	840.00	0.00	840.00	672.00
3	Adj. Factor (PH-POHT/PH-POHA)		1.00	1.04	1.02	1.00	1.00	0.90	1.02	1.05	0.99
4	Actual EUOH	Hrs.	356.78	369.02	598.87	1307.15	243.26	797.31	292.78	397.91	353.13
5	Adj. EUOH (3*4)	Hrs.	356.78	383.09	608.47	1307.15	243.26	721.06	299.54	418.66	349.42
6	Actual EAF	%	95.94	88.44	80.31	85.12	97.23	90.92	94.41	81.42	89.31
7	Adjusted EAF (using 2 & 5)	%	95.94	91.81	81.60	85.12	97.23	82.23	96.59	85.67	88.37
8	Difference (7-6)	%	0.00	3.37	1.29	0.00	0.00	-8.69	2.18	4.25	-0.94
9	Total adj. to EAF	%	0.00	3.37	1.29	0.00	0.00	-8.69	2.18	4.25	-0.94

Issued by: Progress Energy Florida

Filed:  
Suspended:  
Effective:  
Docket No.:  
Order No.:

GENERATION PERFORMANCE INCENTIVE FACTOR  
ADJUSTMENTS TO ANOHR ACTUAL

Progress Energy Florida  
January 2004 - December 2004

ANOHR adjustments for Target NOF			<u>AN1</u>	<u>AN2</u>	<u>CR1</u>	<u>CR2</u>	<u>CR3</u>	<u>CR4</u>	<u>CR5</u>	<u>HN1</u>	<u>TB</u>
1	Target NOF	%	46.8	50.4	90.2	83.8	100.6	93.6	91.6	68.9	71.5
2	Target ANOHR	Btu/kwh	10406.8	10174.2	9731.5	9685.0	10307.6	9322.4	9389.0	7529.8	7963.7
3	Actual NOF	%	<b>56.5</b>	<b>58.3</b>	<b>74.7</b>	<b>74.1</b>	<b>101.5</b>	<b>82.3</b>	<b>85.8</b>	<b>66.5</b>	<b>88.5</b>
4	Calc. ANOHR (using 3)	Btu/kwh	10126.4	10062.7	9924.5	9908.5	10302.5	9435.4	9423.8	7575.2	7716.2
5	<b>Total adj. to ANOHR (2-4)</b>	Btu/kwh	280.4	111.5	-193.0	-223.5	5.1	-113.0	-34.8	-45.4	247.5

Issued by: Progress Energy Florida

Filed:  
Suspended:  
Effective:  
Docket No.:  
Order No.:

## GENERATING PERFORMANCE INCENTIVE POINTS TABLE

Progress Energy Florida  
January 2004 - December 2004

Unit: Anclote 1

Equivalent Availability (Points)	Fuel Savings/Loss (\$)	Equivalent Availability (%)	Average Heat Rate (Points)	Fuel Savings/Loss (\$)	Average Heat Rate (BTU/KWH)	
10	\$1,766,000	97.06	10	\$4,150,710	9896.7	
9	\$1,589,400	96.79	9	\$3,735,639	9940.2	
8	\$1,412,800	96.53	8	\$3,320,568	9983.7	
7	\$1,236,200	96.27	7	\$2,905,497	10027.2	
6	\$1,059,600	96.01	6	\$2,490,426	10070.7	
**** 5.740	\$1,013,659	95.94	5	\$2,075,355	10114.3	
5	\$883,000	95.74	4	\$1,660,284	10157.8	
4	\$706,400	95.48	3	\$1,245,213	10201.3	
3	\$529,800	95.22	2.620	\$1,087,449	10217.8	****
2	\$353,200	94.96	2	\$830,142	10244.8	
1	\$176,600	94.69	1	\$415,071	10288.3	
	\$0	94.43	0	\$0	10331.8	
0	\$0	94.43	0	\$0	10406.8	
	\$0	94.43	0	\$0	10481.8	
-1	(\$104,700)	93.89	-1	(\$415,071)	10525.3	
-2	(\$209,400)	93.35	-2	(\$830,142)	10568.8	
-3	(\$314,100)	92.81	-3	(\$1,245,213)	10612.3	
-4	(\$418,800)	92.27	-4	(\$1,660,284)	10655.8	
-5	(\$523,500)	91.73	-5	(\$2,075,355)	10699.3	
-6	(\$628,200)	91.18	-6	(\$2,490,426)	10742.8	
-7	(\$732,900)	90.64	-7	(\$2,905,497)	10786.3	
-8	(\$837,600)	90.10	-8	(\$3,320,568)	10829.8	
-9	(\$942,300)	89.56	-9	(\$3,735,639)	10873.3	
-10	(\$1,047,000)	89.02	-10	(\$4,150,710)	10916.9	

Equivalent Availability  
Weighting Factor:

2.64%

Heat Rate  
Weighting Factor:

6.20%

Issued by: Progress Energy Florida

Filed:  
Suspended:  
Effective:  
Docket No.:  
Order No.:



## GENERATING PERFORMANCE INCENTIVE POINTS TABLE

Progress Energy Florida  
January 2004 - December 2004

Unit: Anclore 2

Equivalent Availability (Points)	Fuel Savings/Loss (\$)	Equivalent Availability (%)	Average Heat Rate (Points)	Fuel Savings/Loss (\$)	Average Heat Rate (BTU/KWH)		
10	\$3,760,000	93.51	10	\$2,381,230	9890.7		
9	\$3,384,000	93.27	9	\$2,143,107	9911.6		
8	\$3,008,000	93.04	8	\$1,904,984	9932.4		
7	\$2,632,000	92.80	7	\$1,666,861	9953.3		
6	\$2,256,000	92.56	6	\$1,428,738	9974.1		
5	\$1,880,000	92.32	5	\$1,190,615	9995.0		
4	\$1,504,000	92.09	4	\$952,492	10015.8		
3	\$1,128,000	91.85	3	\$714,369	10036.7		
****	2.850	\$1,071,762	91.81	2	\$476,246	10057.5	
	2	\$752,000	91.61	1	\$238,123	10078.4	
	1	\$376,000	91.37	0	\$0	10099.2	
		\$0	91.14	0	\$0	10174.2	
	0	\$0	91.14	0.000	\$0	10224.2	****
		\$0	91.14	0	\$0	10249.2	
	-1	(\$319,600)	90.65	-1	(\$238,123)	10270.1	
	-2	(\$639,200)	90.16	-2	(\$476,246)	10290.9	
	-3	(\$958,800)	89.67	-3	(\$714,369)	10311.8	
	-4	(\$1,278,400)	89.18	-4	(\$952,492)	10332.6	
	-5	(\$1,598,000)	88.69	-5	(\$1,190,615)	10353.5	
	-6	(\$1,917,600)	88.20	-6	(\$1,428,738)	10374.3	
	-7	(\$2,237,200)	87.71	-7	(\$1,666,861)	10395.2	
	-8	(\$2,556,800)	87.22	-8	(\$1,904,984)	10416.0	
	-9	(\$2,876,400)	86.73	-9	(\$2,143,107)	10436.9	
	-10	(\$3,196,000)	86.25	-10	(\$2,381,230)	10457.7	

Equivalent Availability  
Weighting Factor:  
5.62%

Heat Rate  
Weighting Factor:  
3.56%

Issued by: Progress Energy Florida

Filed:  
Suspended:  
Effective:  
Docket No.:  
Order No.:

## GENERATING PERFORMANCE INCENTIVE POINTS TABLE

Progress Energy Florida  
January 2004 - December 2004

Unit: Crystal River 1

Equivalent Availability (Points)	Fuel Savings/Loss (\$)	Equivalent Availability (%)	Average Heat Rate (Points)	Fuel Savings/Loss (\$)	Average Heat Rate (BTU/KWH)		
10	\$4,643,000	84.58	10	\$1,419,219	9464.9		
9	\$4,178,700	84.23	9	\$1,277,297	9484.1		
8	\$3,714,400	83.89	8	\$1,135,375	9503.2		
7	\$3,250,100	83.54	7	\$993,453	9522.4		
6	\$2,785,800	83.20	6	\$851,531	9541.5		
5	\$2,321,500	82.85	5	\$709,609	9560.7		
4	\$1,857,200	82.51	4	\$567,687	9579.8		
3	\$1,392,900	82.17	3	\$425,766	9599.0		
2	\$928,600	81.82	2	\$283,844	9618.1		
****	1.352	\$627,647	81.60	1	\$141,922	9637.3	
	1	\$464,300	81.48	0	\$0	9656.5	
		\$0	81.13	0	\$0	9731.5	
	0	\$0	81.13	0	\$0	9806.5	
		\$0	81.13	-1	(\$141,922)	9825.6	
	-1	(\$455,800)	80.45	-2	(\$283,844)	9844.8	
	-2	(\$911,600)	79.76	-3	(\$425,766)	9863.9	
	-3	(\$1,367,400)	79.07	-4	(\$567,687)	9883.1	
	-4	(\$1,823,200)	78.38	-5	(\$709,609)	9902.2	
	-5	(\$2,279,000)	77.70	-6	(\$851,531)	9921.4	
	-6	(\$2,734,800)	77.01	-7	(\$993,453)	9940.6	
	-7	(\$3,190,600)	76.32	-8	(\$1,135,375)	9959.7	
	-8	(\$3,646,400)	75.64	-9	(\$1,277,297)	9978.9	
	-9	(\$4,102,200)	74.95	-10	(\$1,419,219)	9998.0	
	-10	(\$4,558,000)	74.26	-10.000	(\$1,419,219)	10040.7	****

Equivalent Availability  
Weighting Factor:  
6.93%

Heat Rate  
Weighting Factor:  
2.12%

Issued by: Progress Energy Florida

Filed:  
Suspended:  
Effective:  
Docket No.:  
Order No.:

## GENERATING PERFORMANCE INCENTIVE POINTS TABLE

Progress Energy Florida  
January 2004 - December 2004

Unit: Crystal River 2

Equivalent Availability (Points)	Fuel Savings/Loss (\$)	Equivalent Availability (%)	Average Heat Rate (Points)	Fuel Savings/Loss (\$)	Average Heat Rate (BTU/KWH)	
10	\$6,710,000	89.76	10	\$2,702,019	9276.4	
9	\$6,039,000	88.91	9	\$2,431,817	9309.8	
8	\$5,368,000	88.06	8	\$2,161,615	9343.1	
7	\$4,697,000	87.21	7	\$1,891,413	9376.5	
6	\$4,026,000	86.36	6	\$1,621,211	9409.8	
5	\$3,355,000	85.51	5	\$1,351,009	9443.2	
**** 4.539	\$3,045,766	85.12	4	\$1,080,807	9476.6	
4	\$2,684,000	84.66	3	\$810,606	9509.9	
3	\$2,013,000	83.81	2	\$540,404	9543.3	
2	\$1,342,000	82.96	1	\$270,202	9576.7	
1	\$671,000	82.11	0	\$0	9610.0	
	\$0	81.26	0.000	\$0	9633.6	****
0	\$0	81.26	0	\$0	9685.0	
	\$0	81.26	0	\$0	9760.0	
-1	(\$2,430,900)	79.68	-1	(\$270,202)	9793.4	
-2	(\$4,861,800)	78.10	-2	(\$540,404)	9826.8	
-3	(\$7,292,700)	76.52	-3	(\$810,606)	9860.1	
-4	(\$9,723,600)	74.95	-4	(\$1,080,807)	9893.5	
-5	(\$12,154,500)	73.37	-5	(\$1,351,009)	9926.9	
-6	(\$14,585,400)	71.79	-6	(\$1,621,211)	9960.2	
-7	(\$17,016,300)	70.21	-7	(\$1,891,413)	9993.6	
-8	(\$19,447,200)	68.63	-8	(\$2,161,615)	10027.0	
-9	(\$21,878,100)	67.05	-9	(\$2,431,817)	10060.3	
-10	(\$24,309,000)	65.47	-10	(\$2,702,019)	10093.7	

Equivalent Availability  
Weighting Factor:  
-----  
10.02%

Heat Rate  
Weighting Factor:  
-----  
4.04%

Issued by: Progress Energy Florida

Filed:  
Suspended:  
Effective:  
Docket No.:  
Order No.:

## GENERATING PERFORMANCE INCENTIVE POINTS TABLE

Progress Energy Florida  
January 2004 - December 2004

Unit: Crystal River 3

Equivalent Availability (Points)	Fuel Savings/Loss (\$)	Equivalent Availability (%)	Average Heat Rate (Points)	Fuel Savings/Loss (\$)	Average Heat Rate (BTU/KWH)	
10	\$4,084,000	98.49	10	\$7,675,079	10093.9	
9	\$3,675,600	98.36	9	\$6,907,571	10107.8	
8	\$3,267,200	98.22	8	\$6,140,063	10121.6	
7	\$2,858,800	98.09	7	\$5,372,555	10135.5	
6	\$2,450,400	97.95	6	\$4,605,047	10149.4	
5	\$2,042,000	97.82	5	\$3,837,540	10163.2	
4	\$1,633,600	97.68	4	\$3,070,032	10177.1	
3	\$1,225,200	97.55	3	\$2,302,524	10191.0	
2	\$816,800	97.41	2	\$1,535,016	10204.9	
1	\$408,400	97.27	1	\$767,508	10218.7	
****	0.676	\$276,238	97.23	0	\$0	10232.6
		\$0	97.14	0.000	\$0	10260.9
	0	\$0	97.14	0	\$0	10307.6
		\$0	97.14	0	\$0	10382.6
	-1	(\$538,000)	96.86	-1	(\$767,508)	10396.5
	-2	(\$1,076,000)	96.58	-2	(\$1,535,016)	10410.3
	-3	(\$1,614,000)	96.29	-3	(\$2,302,524)	10424.2
	-4	(\$2,152,000)	96.01	-4	(\$3,070,032)	10438.1
	-5	(\$2,690,000)	95.73	-5	(\$3,837,540)	10452.0
	-6	(\$3,228,000)	95.45	-6	(\$4,605,047)	10465.8
	-7	(\$3,766,000)	95.17	-7	(\$5,372,555)	10479.7
	-8	(\$4,304,000)	94.88	-8	(\$6,140,063)	10493.6
	-9	(\$4,842,000)	94.60	-9	(\$6,907,571)	10507.4
	-10	(\$5,380,000)	94.32	-10	(\$7,675,079)	10521.3

Equivalent Availability  
Weighting Factor:

6.10%

Heat Rate  
Weighting Factor:

11.46%

Issued by: Progress Energy Florida

Filed:  
Suspended:  
Effective:  
Docket No.:  
Order No.:

## GENERATING PERFORMANCE INCENTIVE POINTS TABLE

Progress Energy Florida  
January 2004 - December 2004

Unit: Crystal River 4

Equivalent Availability (Points)	Fuel Savings/Loss (\$)	Equivalent Availability (%)	Average Heat Rate (Points)	Fuel Savings/Loss (\$)	Average Heat Rate (BTU/KWH)	
10	\$7,574,000	87.67	10	\$2,370,572	9125.0	
9	\$6,816,600	87.42	9	\$2,133,515	9137.3	
8	\$6,059,200	87.18	8	\$1,896,458	9149.5	
7	\$5,301,800	86.93	7	\$1,659,401	9161.7	
6	\$4,544,400	86.69	6	\$1,422,343	9174.0	
5	\$3,787,000	86.44	5	\$1,185,286	9186.2	
4	\$3,029,600	86.20	4	\$948,229	9198.5	
3	\$2,272,200	85.96	3	\$711,172	9210.7	
2	\$1,514,800	85.71	2	\$474,114	9222.9	
1	\$757,400	85.47	1	\$237,057	9235.2	
	\$0	85.22	0	\$0	9247.4	
0	\$0	85.22	0	\$0	9322.4	
	\$0	85.22	0	\$0	9397.4	
-1	(\$995,100)	84.72	-1	(\$237,057)	9409.6	
-2	(\$1,990,200)	84.22	-2	(\$474,114)	9421.9	
-3	(\$2,985,300)	83.73	-2.681	(\$635,622)	9430.2	
-4	(\$3,980,400)	83.23	-3	(\$711,172)	9434.1	
-5	(\$4,975,500)	82.73	-4	(\$948,229)	9446.3	
-6	(\$5,970,600)	82.23	-5	(\$1,185,286)	9458.6	
****	-6.003	(\$5,973,918)	82.23	-6	(\$1,422,343)	9470.8
	-7	(\$6,965,700)	81.73	-7	(\$1,659,401)	9483.0
	-8	(\$7,960,800)	81.23	-8	(\$1,896,458)	9495.3
	-9	(\$8,955,900)	80.73	-9	(\$2,133,515)	9507.5
	-10	(\$9,951,000)	80.24	-10	(\$2,370,572)	9519.7

Equivalent Availability  
Weighting Factor:  
-----  
11.31%

Heat Rate  
Weighting Factor:  
-----  
3.54%

Issued by: Progress Energy Florida

Filed:  
Suspended:  
Effective:  
Docket No.:  
Order No.:

## GENERATING PERFORMANCE INCENTIVE POINTS TABLE

Progress Energy Florida  
January 2004 - December 2004

Unit: Crystal River 5

	Equivalent Availability (Points)	Fuel Savings/Loss (\$)	Equivalent Availability (%)	Average Heat Rate (Points)	Fuel Savings/Loss (\$)	Average Heat Rate (BTU/KWH)	
****	10.000	\$6,535,000	96.59	10	\$2,502,137	9194.4	
	10	\$6,535,000	96.49	9	\$2,251,923	9206.4	
	9	\$5,881,500	96.18	8	\$2,001,710	9218.3	
	8	\$5,228,000	95.88	7	\$1,751,496	9230.3	
	7	\$4,574,500	95.57	6	\$1,501,282	9242.2	
	6	\$3,921,000	95.26	5	\$1,251,069	9254.2	
	5	\$3,267,500	94.95	4	\$1,000,855	9266.2	
	4	\$2,614,000	94.65	3	\$750,641	9278.1	
	3	\$1,960,500	94.34	2	\$500,427	9290.1	
	2	\$1,307,000	94.03	1	\$250,214	9302.0	
	1	\$653,500	93.72	0	\$0	9314.0	
		\$0	93.42	0	\$0	9389.0	
	0	\$0	93.42	0	\$0	9464.0	
		\$0	93.42	-1	(\$250,214)	9475.9	
	-1	(\$668,200)	92.80	-2	(\$500,427)	9487.9	
	-2	(\$1,336,400)	92.18	-2.852	(\$713,684)	9498.1	****
	-3	(\$2,004,600)	91.56	-3	(\$750,641)	9499.8	
	-4	(\$2,672,800)	90.94	-4	(\$1,000,855)	9511.8	
	-5	(\$3,341,000)	90.32	-5	(\$1,251,069)	9523.7	
	-6	(\$4,009,200)	89.70	-6	(\$1,501,282)	9535.7	
	-7	(\$4,677,400)	89.09	-7	(\$1,751,496)	9547.6	
	-8	(\$5,345,600)	88.47	-8	(\$2,001,710)	9559.6	
	-9	(\$6,013,800)	87.85	-9	(\$2,251,923)	9571.5	
	-10	(\$6,682,000)	87.23	-10	(\$2,502,137)	9583.5	

Equivalent Availability  
Weighting Factor:

9.76%

Heat Rate  
Weighting Factor:

3.74%

Issued by: Progress Energy Florida

Filed:  
Suspended:  
Effective:  
Docket No.:  
Order No.:

## GENERATING PERFORMANCE INCENTIVE POINTS TABLE

Progress Energy Florida  
January 2004 - December 2004

Unit: Hines 1

Equivalent Availability (Points)	Fuel Savings/Loss (\$)	Equivalent Availability (%)	Average Heat Rate (Points)	Fuel Savings/Loss (\$)	Average Heat Rate (BTU/KWH)		
10	\$650,000	89.30	10	\$5,603,687	7076.7		
9	\$585,000	89.19	9	\$5,043,319	7114.5		
8	\$520,000	89.09	8	\$4,482,950	7152.3		
7	\$455,000	88.99	7	\$3,922,581	7190.1		
6	\$390,000	88.89	6	\$3,362,212	7227.9		
5	\$325,000	88.78	5	\$2,801,844	7265.7		
4	\$260,000	88.68	4	\$2,241,475	7303.5		
3	\$195,000	88.58	3	\$1,681,106	7341.3		
2	\$130,000	88.48	2	\$1,120,737	7379.2		
1	\$65,000	88.37	1	\$560,369	7417.0		
	\$0	88.27	0.345	\$193,197	7441.7	****	
0	\$0	88.27	0	\$0	7454.8		
	\$0	88.27	0	\$0	7529.8		
-1	(\$51,900)	88.06	0	\$0	7604.8		
-2	(\$103,800)	87.85	-1	(\$560,369)	7642.6		
-3	(\$155,700)	87.64	-2	(\$1,120,737)	7680.4		
-4	(\$207,600)	87.42	-3	(\$1,681,106)	7718.2		
-5	(\$259,500)	87.21	-4	(\$2,241,475)	7756.0		
-6	(\$311,400)	87.00	-5	(\$2,801,844)	7793.8		
-7	(\$363,300)	86.79	-6	(\$3,362,212)	7831.6		
-8	(\$415,200)	86.57	-7	(\$3,922,581)	7869.4		
-9	(\$467,100)	86.36	-8	(\$4,482,950)	7907.2		
-10	(\$519,000)	86.15	-9	(\$5,043,319)	7945.1		
****	-10.000	(\$519,000)	85.67	-10	(\$5,603,687)	7982.9	

Equivalent Availability  
Weighting Factor:  
-----  
0.97%

Heat Rate  
Weighting Factor:  
-----  
8.37%

Issued by: Progress Energy Florida

Filed:  
Suspended:  
Effective:  
Docket No.:  
Order No.:

## GENERATING PERFORMANCE INCENTIVE POINTS TABLE

Progress Energy Florida  
January 2004 - December 2004

Unit: Tiger Bay

Equivalent Availability (Points)	Fuel Savings/Loss (\$)	Equivalent Availability (%)	Average Heat Rate (Points)	Fuel Savings/Loss (\$)	Average Heat Rate (BTU/KWH)		
10	\$554,000	90.04	10	\$1,869,892	7725.1		
9	\$498,600	89.83	9	\$1,682,903	7741.5		
8	\$443,200	89.63	8	\$1,495,914	7757.8		
7	\$387,800	89.42	7	\$1,308,925	7774.2		
6	\$332,400	89.22	6	\$1,121,935	7790.6		
5	\$277,000	89.01	5	\$934,946	7806.9		
4	\$221,600	88.81	4	\$747,957	7823.3		
3	\$166,200	88.60	3	\$560,968	7839.6		
2	\$110,800	88.40	2	\$373,978	7856.0		
****	1.865	\$103,326	88.37	1	\$186,989	7872.4	
	1	\$55,400	88.19	0	\$0	7888.7	
		\$0	87.99	0	\$0	7963.7	
	0	\$0	87.99	0	\$0	8038.7	
		\$0	87.99	-1	(\$186,989)	8055.1	
	-1	(\$31,700)	87.57	-2	(\$373,978)	8071.5	
	-2	(\$63,400)	87.16	-3	(\$560,968)	8087.8	
	-3	(\$95,100)	86.74	-4	(\$747,957)	8104.2	
	-4	(\$126,800)	86.33	-5	(\$934,946)	8120.5	
	-5	(\$158,500)	85.91	-6	(\$1,121,935)	8136.9	
	-6	(\$190,200)	85.50	-7	(\$1,308,925)	8153.3	
	-7	(\$221,900)	85.08	-8	(\$1,495,914)	8169.6	
	-8	(\$253,600)	84.66	-9	(\$1,682,903)	8186.0	
	-9	(\$285,300)	84.25	-10	(\$1,869,892)	8202.3	
	-10	(\$317,000)	83.83	-10.000	(\$1,869,892)	8351.9	****

Equivalent Availability  
Weighting Factor:  
-----  
0.83%

Heat Rate  
Weighting Factor:  
-----  
2.79%

Issued by: Progress Energy Florida

Filed:  
Suspended:  
Effective:  
Docket No.:  
Order No.:



## ACTUAL UNIT PERFORMANCE DATA

## Progress Energy Florida

Anclote 1	Jan-04	Feb-04	Mar-04	Apr-04	May-04	Jun-04	Jul-04	Aug-04	Sep-04	Oct-04	Nov-04	Dec-04	Jan-Dec Period
1. EAF	90.32	96.99	99.52	98.58	93.85	93.85	98.01	98.43	94.48	88.46	99.36	99.57	95.94
2. PH	744	696	744	719	744	720	744	744	720	745	720	744	8784
3. SH	577.2	560.3	724.6	719.0	744.0	714.1	744.0	741.5	697.4	678.0	720.0	688.4	8308.5
4. RSH	102.4	135.7	19.4	0.0	0.0	0.0	0.0	1.9	0.0	0.0	0.0	55.6	315.0
5. UH	64.4	0.0	0.0	0.0	0.0	5.9	0.0	0.6	22.6	67.0	0.0	0.0	160.5
6. POH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7. FOH	64.4	0.0	0.0	0.0	0.0	5.9	0.0	0.6	22.6	67.0	0.0	0.0	160.5
8. MOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9. PFOH	23.1	13.2	0.0	49.6	85.8	0.0	10.2	30.6	15.1	9.8	108.0	400.4	745.7
10. LR PF (MW)	164.8	159.0	0.0	4.0	64.8	0.0	373.5	70.6	120.0	328.1	4.0	4.0	33.1
11. PMOH	0.0	52.4	11.2	30.7	108.9	124.0	22.4	20.8	32.1	36.0	11.7	0.0	450.2
12. LR PM (MW)	0.0	159.0	159.0	159.0	158.2	154.3	159.0	160.7	209.4	172.9	159.0	0.0	162.3
13. NSC (MW)	498	498	498	498	498	498	498	498	498	498	498	498	498
14. OPER MBTU	1399153	1482450	1742969	1863808	1915072	2088498	2376294	2449352	2226080	2141219	1750302	1797386	23232582
15. NET GEN (MWH)	138668	147363	179497	184737	189583	212089	237666	243531	228439	220212	174002	182104	2337891
16. ANOHR (BTU/KWH)	10089.9	10059.8	9710.3	10089.0	10101.5	9847.3	9998.5	10057.7	9744.7	9723.4	10059.1	9870.1	9937.4
17. NOF (%)	48.24	52.81	49.74	51.59	51.17	59.64	64.15	65.95	65.78	65.22	48.53	53.12	58.50
18. NPC (MW)	498	498	498	498	498	498	498	498	498	498	498	498	498

ANOHR EQUATION: ANOHR= -28.890 x NOF + 11758.7

Issued by: Progress Energy Florida

## ACTUAL UNIT PERFORMANCE DATA

## Progress Energy Florida

Anclote 2	Jan-04	Feb-04	Mar-04	Apr-04	May-04	Jun-04	Jul-04	Aug-04	Sep-04	Oct-04	Nov-04	Dec-04	Jan-Dec Period
1. EAF	98.69	97.77	97.01	67.62	82.88	94.69	95.02	94.71	89.67	93.50	51.04	97.64	88.44
2. PH	744	696	744	719	744	720	744	744	720	745	720	744	8784
3. SH	663.1	696.0	744.0	503.0	658.4	720.0	744.0	701.2	703.1	745.0	232.5	345.5	7455.7
4. RSH	81.0	0.0	0.0	0.0	0.0	0.0	0.0	42.8	0.0	0.0	142.9	398.5	665.2
5. UH	0.0	0.0	0.0	216.1	85.6	0.0	0.0	0.0	16.9	0.0	344.6	0.0	663.1
6. POH	0.0	0.0	0.0	216.1	85.6	0.0	0.0	0.0	0.0	0.0	344.6	0.0	646.2
7. FOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16.9	0.0	0.0	0.0	16.9
8. MOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9. PFOH	0.0	1.7	4.0	9.4	40.9	4.3	9.6	0.0	117.8	13.8	108.0	709.3	1018.6
10. LR PF (MW)	0.0	15.1	156.1	305.9	255.1	270.2	393.7	0.0	135.9	222.2	10.0	12.1	46.7
11. PMOH	30.9	49.2	66.7	34.7	65.8	113.8	93.4	124.9	79.9	134.0	18.3	0.9	812.3
12. LR PM (MW)	156.0	156.0	156.0	156.0	156.0	156.0	156.0	156.0	156.0	156.0	156.0	146.3	156.0
13. NSC (MW)	495	495	495	495	495	495	495	495	495	495	495	495	495
14. OPER MBTU	1363547	1801870	1911438	1229320	1701438	2324451	2522089	2459458	2309517	2510434	718485	890076	21742123
15. NET GEN (MWH)	132833	179808	182380	124143	165337	221515	252253	247978	230685	253777	71665	87620	2149994
16. ANOHR (BTU/KWH)	10265.1	10021.1	10480.5	9902.5	10290.7	10493.4	9998.3	9918.0	10011.6	9892.3	10025.6	10158.4	10112.6
17. NOF (%)	40.47	52.19	49.52	49.86	50.73	62.15	68.49	71.45	66.28	68.82	62.27	51.23	58.26
18. NPC (MW)	495	495	495	495	495	495	495	495	495	495	495	495	495
ANOHR EQUATION:	ANOHR=	-14.183	x NOF +	10888.9									

Issued by: Progress Energy Florida

\*\* September PFOH and LR PF (MW) were revised after the January 2005 monthly data filing. This revision also impacts September EAF and annual EAF, PFOH and LR PF (MW).

## ACTUAL UNIT PERFORMANCE DATA

## Progress Energy Florida

Crystal River 1	Jan-04	Feb-04	Mar-04	Apr-04	May-04	Jun-04	Jul-04	Aug-04	Sep-04	Oct-04	Nov-04	Dec-04	Jan-Dec Period
1. EAF	97.71	89.10	16.05	29.22	80.02	94.13	87.23	91.90	90.23	94.98	94.81	98.41	80.31
2. PH	744	696	744	719	744	720	744	744	720	745	720	744	8784
3. SH	744.0	627.4	119.4	210.1	604.7	720.0	744.0	744.0	720.0	745.0	720.0	744.0	7442.5
4. RSH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5. UH	0.0	68.7	624.6	508.9	139.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1341.5
6. POH	0.0	0.0	624.6	506.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1130.7
7. FOH	0.0	68.7	0.0	2.9	76.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	147.6
8. MOH	0.0	0.0	0.0	0.0	63.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	63.3
9. PFOH	4.9	0.8	0.0	0.0	0.0	10.5	21.6	48.1	206.3	79.1	30.2	23.3	424.8
10. LR PF (MW)	66.0	74.9	0.0	0.0	0.0	155.8	111.6	171.7	106.6	106.0	143.3	128.7	118.6
11. PMOH	65.2	17.6	0.0	0.0	18.7	164.6	376.2	157.4	49.3	42.1	77.0	10.9	979.0
12. LR PM (MW)	93.8	152.4	0.0	0.0	189.0	87.4	89.3	92.5	94.7	137.9	127.8	136.2	98.8
13. NSC (MW)	379	379	379	379	379	379	379	379	379	379	379	379	379
14. OPER MBTU	2089953	2058497	365503	586007	1767680	2138916	2057361	2194744	1906888	2115164	2021953	2267762	21570428
15. NET GEN (MWH)	212857	204585	36536	55079	172880	206932	196434	212688	182843	205915	197890	223140	2107779
16. ANOHR (BTU/KWH)	9818.6	10061.8	10003.9	10639.4	10224.9	10336.3	10473.5	10319.1	10429.1	10272.0	10217.6	10163.0	10233.7
17. NOF (%)	75.49	86.04	80.75	69.17	75.44	75.83	69.86	75.43	67.00	72.93	72.52	79.13	74.73
18. NPC (MW)	379	379	379	379	379	379	379	379	379	379	379	379	379

ANOHR EQUATION: ANOHR= -12.467 x NOF + 10856.0

Issued by: Progress Energy Florida

## ACTUAL UNIT PERFORMANCE DATA

## Progress Energy Florida

Crystal River 2	Jan-04	Feb-04	Mar-04	Apr-04	May-04	Jun-04	Jul-04	Aug-04	Sep-04	Oct-04	Nov-04	Dec-04	Jan-Dec Period
1. EAF	94.17	5.14	92.68	94.32	85.24	91.14	82.77	92.14	91.62	96.67	96.13	95.30	85.12
2. PH	744	696	744	719	744	720	744	744	720	745	720	744	8784
3. SH	744.0	56.2	715.3	693.5	662.2	720.0	712.2	744.0	720.0	745.0	720.0	744.0	7976.4
4. RSH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5. UH	0.0	639.8	28.7	25.5	81.8	0.0	31.8	0.0	0.0	0.0	0.0	0.0	807.6
6. POH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7. FOH	0.0	0.0	2.6	25.5	81.8	0.0	31.8	0.0	0.0	0.0	0.0	0.0	141.7
8. MOH	0.0	639.8	26.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	665.9
9. PFOH	40.5	49.9	29.7	4.4	20.3	0.0	247.6	302.6	140.7	25.4	99.7	10.8	971.6
10. LR PF (MW)	181.4	199.0	118.6	78.4	276.0	0.0	31.3	40.8	100.2	160.0	57.1	243.1	75.5
11. PMOH	54.0	0.0	73.0	58.5	28.8	362.5	610.0	146.4	112.9	27.1	38.0	96.5	1607.7
12. LR PM (MW)	254.4	0.0	123.0	121.3	278.3	85.5	64.1	110.0	135.0	295.0	206.5	148.9	105.4
13. NSC (MW)	486	486	486	486	486	486	486	486	486	486	486	486	486
14. OPER MBTU	2651908	150466	2698049	2684569	2387991	2493687	2448232	2653108	2370245	2625651	2489142	2663510	28316556
15. NET GEN (MWH)	266641	13730	280206	274571	241666	253802	244649	264481	237440	266567	255942	273011	2872706
16. ANOHR (BTU/KWH)	9945.6	10958.9	9628.8	9777.3	9881.4	9825.3	10007.1	10031.4	9982.5	9849.9	9725.4	9756.1	9857.1
17. NOF (%)	73.74	50.27	80.61	81.47	75.09	72.53	70.68	73.15	67.86	73.62	73.14	75.50	74.11
18. NPC (MW)	486	486	486	486	486	486	486	486	486	486	486	486	486
ANOHR EQUATION:	ANOHR=	-22.992	x NOF +	11612.4									

Issued by: Progress Energy Florida

## ACTUAL UNIT PERFORMANCE DATA

## Progress Energy Florida

Crystal River 3	Jan-04	Feb-04	Mar-04	Apr-04	May-04	Jun-04	Jul-04	Aug-04	Sep-04	Oct-04	Nov-04	Dec-04	Jan-Dec Period
1. EAF	100.00	100.00	87.74	100.00	100.00	99.98	100.00	99.93	81.28	98.21	100.00	99.57	97.23
2. PH	744	696	744	719	744	720	744	744	720	745	720	744	8784
3. SH	744.0	696.0	672.3	719.0	744.0	720.0	744.0	744.0	592.7	745.0	720.0	744.0	8585.0
4. RSH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5. UH	0.0	0.0	71.7	0.0	0.0	0.0	0.0	0.0	127.4	0.0	0.0	0.0	199.0
6. POH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7. FOH	0.0	0.0	35.1	0.0	0.0	0.0	0.0	0.0	127.4	0.0	0.0	0.0	162.5
8. MOH	0.0	0.0	36.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	36.5
9. PFOH	0.0	0.0	21.3	0.0	0.0	0.0	0.0	2.0	22.9	0.0	0.0	14.8	60.9
10. LR PF (MW)	0.0	0.0	353.0	0.0	0.0	0.0	0.0	96.8	251.0	0.0	0.0	40.0	230.5
11. PMOH	0.0	0.0	22.0	0.0	0.0	44.7	0.0	6.2	0.0	98.4	0.0	24.6	195.9
12. LR PM (MW)	0.0	0.0	341.9	0.0	0.0	2.0	0.0	37.0	0.0	104.2	0.0	77.0	102.1
13. NSC (MW)	769	769	769	769	769	769	769	769	769	769	769	769	769
14. OPER MBTU	5984903	5599017	5284304	5783843	5985047	5791003	5985006	5975730	4708864	5906294	5791161	5949536	68744708
15. NET GEN (MWH)	589270	551445	517097	569151	583206	555585	573928	575123	456680	577113	569373	585051	6703022
16. ANOHR (BTU/KWH)	10156.5	10153.3	10219.2	10162.2	10262.3	10423.3	10428.1	10390.4	10311.1	10234.2	10171.1	10169.3	10255.8
17. NOF (%)	102.99	103.03	100.01	102.94	101.93	100.34	100.31	100.52	100.20	100.73	102.83	102.26	101.53
18. NPC (MW)	769	769	769	769	769	769	769	769	769	769	769	769	769
ANOHR EQUATION: ANOHR= -5.213 x NOF + 10831.7													

Issued by: Progress Energy Florida

\*\* September LR PF (MW) and October data were revised after the January 2005 monthly data filing. This revision also impacts September EAF, October and annual statistics.

## ACTUAL UNIT PERFORMANCE DATA

## Progress Energy Florida

Crystal River 4	Jan-04	Feb-04	Mar-04	Apr-04	May-04	Jun-04	Jul-04	Aug-04	Sep-04	Oct-04	Nov-04	Dec-04	Jan-Dec Period
1. EAF	96.37	76.54	94.03	98.46	96.66	98.21	95.66	95.13	91.13	83.78	72.59	91.50	90.92
2. PH	744	696	744	719	744	720	744	744	720	745	720	744	8784
3. SH	721.3	580.5	744.0	716.2	744.0	714.0	737.5	727.1	699.7	687.7	584.5	684.1	8340.5
4. RSH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5. UH	22.7	115.5	0.0	2.8	0.0	6.0	6.6	16.9	20.3	57.3	135.5	59.9	443.5
6. POH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7. FOH	22.7	115.5	0.0	2.8	0.0	6.0	6.6	16.9	20.3	0.0	0.0	0.0	190.8
8. MOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	57.3	135.5	59.9	252.7
9. PFOH	5.2	7.5	321.3	116.1	17.9	16.2	179.5	31.0	452.6	206.8	134.8	0.0	1488.6
10. LR PF (MW)	351.3	299.5	99.5	51.6	358.0	272.8	103.3	98.4	67.0	151.2	90.6	0.0	99.6
11. PMOH	12.8	285.8	0.0	0.0	27.7	12.0	0.0	54.8	10.3	132.3	259.1	17.7	812.4
12. LR PM (MW)	101.1	112.5	0.0	0.0	415.0	44.0	0.0	198.0	102.0	109.3	124.8	136.4	131.2
13. NSC (MW)	720	720	720	720	720	720	720	720	720	720	720	720	720
14. OPER MBTU	4179046	3100776	4349207	4324800	4306115	4379964	4534700	4092251	3596466	3022010	2969831	4322755	47177918
15. NET GEN (MWH)	450351	322485	459633	455925	448574	463248	478890	428201	361032	305648	310723	458926	4943636
16. ANOHR (BTU/KWH)	9279.5	9615.3	9462.3	9485.8	9599.6	9454.9	9469.2	9556.8	9961.6	9887.2	9557.8	9419.3	9543.2
17. NOF (%)	86.71	77.16	85.80	88.41	83.74	90.12	90.19	81.80	71.67	61.73	73.84	93.17	82.32
18. NPC (MW)	720	720	720	720	720	720	720	720	720	720	720	720	720

$$\text{ANOHR EQUATION: ANOHR} = -10.002 \times \text{NOF} + 10258.7$$

Issued by: Progress Energy Florida

## ACTUAL UNIT PERFORMANCE DATA

## Progress Energy Florida

Crystal River 5	Jan-04	Feb-04	Mar-04	Apr-04	May-04	Jun-04	Jul-04	Aug-04	Sep-04	Oct-04	Nov-04	Dec-04	Jan-Dec Period
1. EAF	100.00	96.33	100.00	81.13	88.83	99.83	97.97	99.56	90.25	93.14	96.54	89.12	94.41
2. PH	744	696	744	719	744	720	744	744	720	745	720	744	8784
3. SH	744.0	696.0	744.0	593.8	665.2	720.0	730.3	744.0	667.2	745.0	720.0	722.1	8491.6
4. RSH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5. UH	0.0	0.0	0.0	125.2	78.8	0.0	13.7	0.0	52.9	0.0	0.0	22.0	292.4
6. POH	0.0	0.0	0.0	122.0	76.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	198.2
7. FOH	0.0	0.0	0.0	3.2	2.6	0.0	13.7	0.0	52.9	0.0	0.0	22.0	94.2
8. MOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9. PFOH	0.0	11.0	0.0	0.0	8.0	5.9	9.1	10.9	114.8	87.4	60.6	40.6	348.3
10. LR PF (MW)	0.0	304.4	0.0	0.0	99.0	103.8	111.8	215.2	105.5	244.6	51.9	289.5	162.2
11. PMOH	0.0	144.3	0.0	75.6	11.3	6.0	0.0	0.0	8.0	51.3	129.3	86.4	512.2
12. LR PM (MW)	0.0	103.6	0.0	99.0	202.4	41.0	0.0	0.0	40.8	297.7	113.9	353.7	167.6
13. NSC (MW)	717	717	717	717	717	717	717	717	717	717	717	717	717
14. OPER MBTU	4632050	4181723	4591836	3620472	3803862	4489029	4615667	4340796	3575260	3553528	4190077	4210730	49805030
15. NET GEN (MWH)	492117	437398	489122	384853	396107	476216	490541	456317	358241	362930	441221	439485	5224548
16. ANOHR (BTU/KWH)	9412.5	9560.5	9387.9	9407.4	9603.1	9426.5	9409.3	9512.7	9980.0	9791.2	9496.5	9581.1	9532.9
17. NOF (%)	92.25	87.65	91.69	90.39	83.05	92.25	93.68	85.54	74.89	67.94	85.47	84.89	85.81
18. NPC (MW)	717	717	717	717	717	717	717	717	717	717	717	717	717
ANOHR EQUATION:	ANOHR=	-6.006	x NOF +	9939.1									

Issued by: Progress Energy Florida

## ACTUAL UNIT PERFORMANCE DATA

## Progress Energy Florida

Hines 1	Jan-04	Feb-04	Mar-04	Apr-04	May-04	Jun-04	Jul-04	Aug-04	Sep-04	Oct-04	Nov-04	Dec-04	Jan-Dec Period
1. EAF	100.00	100.00	83.60	34.09	82.61	96.11	100.00	100.00	99.73	55.13	25.09	99.62	81.42
2. PH	744	696	744	719	744	720	744	744	720	745	720	744	8784
3. SH	744.0	696.0	622.0	480.3	744.0	720.0	744.0	604.0	651.4	411.3	37.8	588.7	7043.4
4. RSH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	140.0	68.6	0.0	142.9	155.3	506.9
5. UH	0.0	0.0	122.0	238.7	0.0	0.0	0.0	0.0	0.0	333.8	539.3	0.0	1233.8
6. POH	0.0	0.0	122.0	238.7	0.0	0.0	0.0	0.0	0.0	333.8	539.3	0.0	1233.8
7. FOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8. MOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9. PFOH	0.0	0.0	0.0	0.0	1.7	48.9	0.0	0.0	2.8	1.5	0.0	12.4	67.3
10. LR PF (MW)	0.0	0.0	0.0	0.0	293.9	276.0	0.0	0.0	335.7	185.6	0.0	110.4	246.4
11. PMOH	0.0	0.0	0.0	480.3	262.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	742.4
12. LR PM (MW)	0.0	0.0	0.0	236.0	236.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	236.0
13. NSC (MW)	482	482	482	482	482	482	482	482	482	482	482	482	482
14. OPER MBTU	1653792	1796347	1783285	726204	1643294	1887801	1666488	1501431	1595144	1162657	49999	1441031	16907473
15. NET GEN (MWH)	217724	246290	244992	92129	216532	256631	232251	179217	209292	164161	4620	194355	2258194
16. ANOHR (BTU/KWH)	7595.8	7293.6	7279.0	7882.5	7589.1	7356.1	7175.4	8377.7	7621.6	7082.4	10822.4	7414.4	7487.2
17. NOF (%)	60.71	73.42	81.71	39.80	60.38	73.95	64.76	61.56	66.66	82.82	25.35	68.50	66.52
18. NPC (MW)	482	482	482	482	482	482	482	482	482	482	482	482	482
ANOHR EQUATION:	ANOHR=	-19.277	x NOF +	8857.4									

Issued by: Progress Energy Florida



## ACTUAL UNIT PERFORMANCE DATA

## Progress Energy Florida

Tiger Bay 1	Jan-04	Feb-04	Mar-04	Apr-04	May-04	Jun-04	Jul-04	Aug-04	Sep-04	Oct-04	Nov-04	Dec-04	Jan-Dec Period
1. EAF	100.00	91.46	38.84	94.18	100.00	98.59	100.00	61.94	99.09	88.88	100.00	100.00	89.31
2. PH	744	696	744	719	744	720	744	744	720	745	720	744	8784
3. SH	595.1	636.6	70.3	492.7	685.2	709.9	744.0	460.8	618.3	662.2	285.4	117.0	6077.4
4. RSH	148.9	0.0	218.8	184.5	58.8	0.0	0.0	0.0	95.1	0.0	434.7	627.0	1767.7
5. UH	0.0	59.4	455.0	41.8	0.0	10.2	0.0	283.2	6.6	82.8	0.0	0.0	939.0
6. POH	0.0	48.0	455.0	0.0	0.0	0.0	0.0	0.0	0.0	82.8	0.0	0.0	585.8
7. FOH	0.0	11.4	0.0	0.0	0.0	10.2	0.0	283.2	6.6	0.0	0.0	0.0	311.3
8. MOH	0.0	0.0	0.0	41.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	41.8
9. PFOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10. LR PF (MW)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11. PMOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12. LR PM (MW)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13. NSC (MW)	207	207	207	207	207	207	207	207	207	207	207	207	207
14. OPER MBTU	797679	896780	153325	720007	944725	998031	992858	778724	976476	1079801	457526	229717	9025648
15. NET GEN (MWH)	98830	117429	11615	90929	122847	127476	142442	86822	118032	123838	51299	22120	1113679
16. ANOHR (BTU/KWH)	8071.2	7636.8	13200.6	7918.3	7690.3	7829.2	6970.3	8969.2	8273.0	8719.5	8918.8	10385.0	8104.4
17. NOF (%)	80.23	89.12	79.87	89.16	86.61	86.75	92.49	91.02	92.22	90.35	86.85	91.32	88.53
18. NPC (MW)	207	207	207	207	207	207	207	207	207	207	207	207	207
ANOHR EQUATION:	ANOHR=	-14.538	x NOF +	9003.2									

Issued by: Progress Energy Florida

PLANNED OUTAGE SCHEDULES  
ACTUAL

Progress Energy Florida  
January 2004 - December 2004

<u>Plant/Unit</u>	<u>Planned Outage Dates</u>	<u>Reason for Outage</u>
Anclole 2	4/22 (0001) - 5/04 (2400)	Boiler Outage
Anclole 2	11/06 (0001) - 11/20 (2400)	Boiler Outage
Crystal River 1	3/06 (0001) - 4/22 (2400)	Major Turbine Outage
Crystal River 5	4/25 (0001) - 5/04 (2400)	Boiler Inspection
Hines 1	3/26 (0001) - 4/10 (2400)	Major Outage
Hines 1	10/18 (0001) - 11/23 (2400)	Major Outage
Tiger Bay	2/28 (0001) - 3/19 (2400)	Hot Gas Path Inspection
Tiger Bay	10/04 (0001) - 10/07 (2400)	Auxiliary System Outage

Issued by: Progress Energy Florida

Filed:  
Suspended:  
Effective:  
Docket No.:  
Order No.:

Planned Outage Schedule - Actual

Progress Energy Florida  
January 2004 - December 2004

	January	February	March	April	May	June	July	August	September	October	November	December
<b>Anclote 2</b>				Boiler Outage 4/22 ■ 5/04 13 days							Boiler Outage 11/06 ■ 11/20 15 days	
<b>Crystal River 1</b>			Major Turbine Outage 3/06 ■ 4/22 48 days									
<b>Crystal River 5</b>				Boiler Inspection 4/25 ■ 5/04 10 days								
<b>Hines 1</b>			Major Outage 3/26 ■ 4/10 16 days							Major Outage 10/18 ■ 11/23 37 days		
<b>Tiger Bay</b>		HGP Inspection 2/28 ■ 3/19 21 days							Aux. Sys. Outage 10/04 ■ 10/07 4 days			