



Progress Energy

ORIGINAL

JAMES A. MCGEE
ASSOCIATE GENERAL COUNSEL
PROGRESS ENERGY SERVICE COMPANY, LLC

April 1, 2004

HAND DELIVERY

Ms. Blanca S. Bayó, Director
Division of the Commission Clerk
and Administrative Services
Florida Public Service Commission
2540 Shumard Oak Boulevard
Tallahassee, Florida 32399-0850

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COMMISSION
CLERK

Re: Docket No. 040001-EI

Dear Ms. Bayó:

Enclosed for filing in the subject docket on behalf of Progress Energy Florida, Inc., are an original and fifteen copies each of the direct testimony of Donna M. Davis, Michael F. Jacob, and Pamela R. Murphy. *04203-04*

04204-04 *04205-04*
Please acknowledge your receipt of the above filing on the enclosed copy of this letter and return to the undersigned. Also enclosed is a 3½ inch diskette containing the above-referenced documents in Word format and related exhibits in Word, Excel and PDF format. Thank you for your assistance in this matter.

Very truly yours,

James A. McGee
James A. McGee

JAM/scc
Enclosures

cc: Parties of record

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100 Central Avenue (33701) • Post Office Box 14042 (33733) • St. Petersburg, FL 33731
Phone: 727.820.5184 • Fax: 727.820.5519 • Email: james.mcgee@pgnmail.com

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PROGRESS ENERGY FLORIDA

DOCKET NO. 040001-EI

CERTIFICATE OF SERVICE

I HEREBY CERTIFY that a true copy of the direct testimony of Donna M. Davis, Michael F. Jacob, and Pamela R. Murphy on behalf of Progress Energy Florida has been furnished to the following individuals by regular U.S. Mail the 1st day of April, 2004.

Wm. Cochran Keating, IV, Esquire
Office of the General Counsel
Economic Regulation Section
Florida Public Service Commission
2540 Shumard Oak Blvd.
Tallahassee, FL 32399-0850

Vicki Gordon Kaufman, Esquire
117 S. Gadsden Street
Tallahassee, FL 32301

John T. Butler, Esquire
Steel, Hector & Davis
200 S. Biscayne Blvd., Suite 4000
Miami, Florida 33131

Norman Horton, Jr., Esquire
Messer, Caparello & Self
P. O. Box 1876
Tallahassee, FL 32302

Robert Scheffel Wright, Esquire
John T. LaVia, III, Esquire
Landers & Parsons, P.A.
P. O. Box 271
Tallahassee, Florida 32302

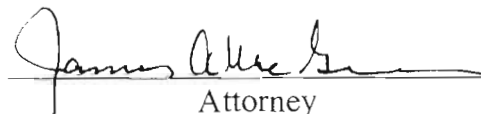
Lee L. Willis, Esquire
James D. Beasley, Esquire
Ausley & McMullen
P.O. Box 391
Tallahassee, FL 32302

Jeffrey A. Stone, Esquire
Russell A. Badders, Esquire
Beggs & Lane
P. O. Box 12950
Pensacola, FL 32576-2950

Robert Vandiver, Esquire
Office of the Public Counsel
c/o The Florida Legislature
111 West Madison St., Room 812
Tallahassee, FL 32399-1400

Ronald C. LaFace, Esquire
Seann M. Frazier, Esquire
Greenberg Traurig
101 East College Avenue
Tallahassee, FL 32301

Michael B. Twomey
P. O. Box 5256
Tallahassee, FL 32314-5256


Attorney

PROGRESS ENERGY FLORIDA

DOCKET No. 040001-EI

**GPIF Reward/Penalty Amount for
January through December 2003**

**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?**

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04204 APR-18

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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 2003. This calculation was based on a comparison of the actual performance
4 of the Company's seven 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 24-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 \$2,139,695. This amount was developed in a manner consistent with the
17 GPIF Implementation Manual. Page 2 of my exhibit shows the system GPIF
18 points and the corresponding reward. The summary of weighted incentive
19 points 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 15 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 23 of my exhibit summarizes the planned outages experienced by
22 the Company's GPIF units during the period. Page 24 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

<u>Description</u>	<u>Sheet</u>
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	9-15
Actual Unit Performance Data	16-22
Planned Outage Schedules (Actual)	23-24

GENERATING PERFORMANCE INCENTIVE FACTOR

REWARD/PENALTY TABLE

ACTUAL

Progress Energy Florida
January 2003 - December 2003

Generating Performance Incentive Points (GPIF)	Fuel Savings/Loss (\$)	Generating Performance Incentive Factor (\$)
10	\$45,340,085	\$8,164,346
9	\$40,806,077	\$7,347,912
8	\$36,272,068	\$6,531,477
7	\$31,738,060	\$5,715,042
6	\$27,204,051	\$4,898,608
5	\$22,670,043	\$4,082,173
4	\$18,136,034	\$3,265,738
3	\$13,602,026	\$2,449,304
**** 2.621	\$11,882,633	\$2,139,695
2	\$9,068,017	\$1,632,869
1	\$4,534,009	\$816,435
0	\$0	\$0
-1	(\$5,213,709)	(\$816,435)
-2	(\$10,427,417)	(\$1,632,869)
-3	(\$15,641,126)	(\$2,449,304)
-4	(\$20,854,834)	(\$3,265,738)
-5	(\$26,068,543)	(\$4,082,173)
-6	(\$31,282,251)	(\$4,898,608)
-7	(\$36,495,960)	(\$5,715,042)
-8	(\$41,709,668)	(\$6,531,477)
-9	(\$46,923,377)	(\$7,347,912)
-10	(\$52,137,085)	(\$8,164,346)

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GENERATION PERFORMANCE INCENTIVE FACTOR

CALCULATION OF MAXIMUM ALLOWED INCENTIVE DOLLARS

Progress Energy Florida
January 2003 - December 2003

1	Beginning of period balance of common equity	\$2,050,734,235
2	END OF MONTH BALANCE OF COMMON EQUITY:	
	Month of JANUARY 2003	\$2,089,115,874
3	Month of FEBRUARY 2003	\$2,034,568,815
4	Month of MARCH 2003	\$1,996,248,459
5	Month of APRIL 2003	\$1,997,660,335
6	Month of MAY 2003	\$1,967,905,224
7	Month of JUNE 2003	\$1,977,447,100
8	Month of JULY 2003	\$2,018,576,201
9	Month of AUGUST 2003	\$2,054,062,840
10	Month of SEPTEMBER 2003	\$2,091,788,664
11	Month of OCTOBER 2003	\$2,112,161,592
12	Month of NOVEMBER 2003	\$2,120,529,814
13	Month of DECEMBER 2003	\$2,142,543,737
14	Average common equity for the period	\$ 2,050,257,145
15	25 Basis Points	0.0025
16	Revenue Expansion Factor	61.3808%
17	Maximum allowed incentive dollars	\$8,350,564
18	Jurisdictional Sales *	38,013,952 MWH
19	Total Sales *	38,881,212 MWH
20	Jurisdictional Separation Factor	97.77%
21	Maximum allowed jurisdictional incentive dollars	\$8,164,346

* Net sales (Sales - Interruptible)

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GENERATION PERFORMANCE INCENTIVE FACTOR

CALCULATION OF SYSTEM ACTUAL GPIF POINTS

Progress Energy Florida
January 2003 - December 2003

<u>Plant/Unit</u>	<u>Performance Indicator EAF or ANOHR</u>	<u>Weighting Factor %</u>	<u>Unit Points</u>	<u>Weighted Unit Points</u>
Ancloste 2	EAF	3.75	1.666	0.062
	ANOHR	4.33	-0.558	-0.024
Crystal River 1	EAF	5.77	1.094	0.063
	ANOHR	3.11	-9.703	-0.302
Crystal River 2	EAF	13.39	10.000	1.339
	ANOHR	3.58	-1.409	-0.050
Crystal River 3	EAF	8.95	3.289	0.294
	ANOHR	13.61	0.218	0.030
Crystal River 4	EAF	8.59	10.000	0.859
	ANOHR	6.54	0.000	0.000
Crystal River 5	EAF	8.43	3.390	0.286
	ANOHR	6.56	0.000	0.000
Hines 1	EAF	1.82	3.518	0.064
	ANOHR	11.59	0.000	0.000
GPIF System		100.00		2.621

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GENERATION PERFORMANCE INCENTIVE FACTOR
GPIF UNIT PERFORMANCE SUMMARY

Progress Energy Florida
January 2003 - December 2003

Plant/Unit	Weighting Factor (%)	EAF Target (%)	EAF RANGE		Max. Fuel Savings (\$000)	Max. Fuel Loss (\$000)	EAF Adjusted Actual (%)	Estimated Fuel Savings/ Loss
			Max. (%)	Min. (%)				(\$000)
Anclote 2	3.75	89.79	91.89	85.49	\$1,699	(\$1,829)	90.14	\$283.0
Crystal River 1	5.77	90.83	95.10	82.36	\$2,614	(\$2,687)	91.30	\$286.1
Crystal River 2	13.39	62.57	69.94	49.06	\$6,071	(\$11,937)	70.12	\$6,071.0
Crystal River 3	8.95	88.96	90.55	85.67	\$4,059	(\$4,667)	89.49	\$1,334.9
Crystal River 4	8.59	91.57	94.62	85.42	\$3,894	(\$4,209)	96.75	\$3,894.0
Crystal River 5	8.43	94.62	97.14	89.51	\$3,821	(\$3,614)	95.48	\$1,295.3
Hines 1	1.82	85.80	87.97	81.32	\$826	(\$838)	86.56	\$290.6
GPIF System	50.69				\$22,984	(\$29,781)		\$13,454.8

Plant/Unit	Weighting Factor (%)	ANOHR Target (BTU/KWH)	NOF	ANOHR RANGE		Max. Fuel Savings (\$000)	Max. Fuel Loss (\$000)	ANOHR Adjusted Actual (Btu/kwh)	Estimated Fuel Savings/ Loss
				Min. (Btu/kwh)	Max. (Btu/kwh)				(\$000)
Anclote 2	4.33	10091	54.0	9774	10408	\$1,963	(\$1,963)	10179	(\$109.5)
Crystal River 1	3.11	9742	91.8	9515	9969	\$1,410	(\$1,410)	9965	(\$1,368.2)
Crystal River 2	3.58	9566	89.6	9276	9856	\$1,623	(\$1,623)	9672	(\$228.7)
Crystal River 3	13.61	10327	100.0	10118	10536	\$6,169	(\$6,169)	10249	\$134.3
Crystal River 4	6.54	9323	95.7	9105	9542	\$2,963	(\$2,963)	9341	\$0.0
Crystal River 5	6.56	9340	93.8	9121	9560	\$2,972	(\$2,972)	9391	\$0.0
Hines 1	11.59	7259	81.0	6748	7770	\$5,255	(\$5,255)	7314	\$0.0
GPIF System	49.31					\$22,356	(\$22,356)		(\$1,572.2)

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GENERATION PERFORMANCE INCENTIVE FACTOR
ACTUAL UNIT PERFORMANCE DATA

Progress Energy Florida
January 2003 - December 2003

Plant/Unit	ACTUAL EAF %	ADJUSTMENTS (1) TO EAF %	ADJUSTED ACTUAL EAF %
Ancote 2	93.25	-3.11	90.14
Crystal River 1	91.30	0.00	91.30
Crystal River 2	78.01	-7.89	70.12
Crystal River 3	88.28	1.21	89.49
Crystal River 4	97.11	-0.36	96.75
Crystal River 5	95.48	0.00	95.48
Hines 1	87.40	-0.84	86.56

Plant/Unit	ACTUAL ANOHR BTU/KWH	ADJUSTMENTS (2) TO ANOHR BTU/KWH	ADJUSTED ACTUAL ANOHR BTU/KWH
Ancote 2	10202.9	-23.4	10179.5
Crystal River 1	10060.2	-95.6	9964.6
Crystal River 2	9783.1	-111.5	9671.6
Crystal River 3	10251.0	-1.8	10249.2
Crystal River 4	9413.0	-72.5	9340.5
Crystal River 5	9417.0	-25.9	9391.1
Hines 1	7348.8	-34.7	7314.1

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

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

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GENERATION PERFORMANCE INCENTIVE FACTOR
ADJUSTMENTS TO EAF ACTUAL

Progress Energy Florida
January 2003 - December 2003

EAF adjustments for Planned Outage Hours			<u>AN2</u>	<u>CR1</u>	<u>CR2</u>	<u>CR3</u>	<u>CR4</u>	<u>CR5</u>	<u>HN1</u>
1	Actual POH	Hrs.	219.30	0.00	1070.97	781.25	136.12	0.00	763.58
2	Target POH	Hrs.	504.00	0.00	1848.00	672.00	168.00	0.00	840.00
3	Adj. Factor (PH-POHT/PH-POHA)		0.97	1.00	0.90	1.01	1.00	1.00	0.99
4	Actual EUOH	Hrs.	371.94	762.24	855.54	245.60	116.76	396.14	340.42
5	Adj. EUOH (3*4)	Hrs.	359.54	762.24	769.08	248.96	116.33	396.14	337.17
6	Actual EAF	%	93.25	91.30	78.01	88.28	97.11	95.48	87.40
7	Adjusted EAF (using 2 & 5)	%	90.14	91.30	70.12	89.49	96.75	95.48	86.56
8	Difference (7-6)	%	-3.11	0.00	-7.89	1.21	-0.36	0.00	-0.84
9	Total adj. to EAF	%	-3.11	0.00	-7.89	1.21	-0.36	0.00	-0.84

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ADJUSTMENTS TO ANOHR ACTUAL

Progress Energy Florida
January 2003 - December 2003

ANOHR adjustments for Target NOF			<u>AN2</u>	<u>CR1</u>	<u>CR2</u>	<u>CR3</u>	<u>CR4</u>	<u>CR5</u>	<u>HN1</u>
1	Target NOF	%	54.0	91.8	89.6	100.0	95.7	93.8	81.0
2	Target ANOHR	Btu/kwh	10091.0	9741.9	9566.3	10327.1	9323.2	9340.5	7258.8
3	Actual NOF	%	52.2	78.2	82.3	99.8	86.6	88.9	78.8
4	Calc ANOHR (using 3)	Btu/kwh	10114.4	9837.4	9677.8	10328.9	9395.7	9366.3	7293.5
5	Total adj. to ANOHR (2-4)	Btu/kwh	-23.4	-95.6	-111.5	-1.8	-72.5	-25.9	-34.7

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GENERATING PERFORMANCE INCENTIVE POINTS TABLE

Progress Energy Florida
January 2003 - December 2003

Unit: Ancote 2

Equivalent Availability (Points)	Fuel Savings/Loss (\$)	Equivalent Availability (%)	Average Heat Rate (Points)	Fuel Savings/Loss (\$)	Average Heat Rate (BTU/KWH)
10	\$1,699,000	91.89	10	\$1,963,040	9773.9
9	\$1,529,100	91.68	9	\$1,766,736	9798.1
8	\$1,359,200	91.47	8	\$1,570,432	9822.3
7	\$1,189,300	91.26	7	\$1,374,128	9846.5
6	\$1,019,400	91.05	6	\$1,177,824	9870.7
5	\$849,500	90.84	5	\$981,520	9894.9
4	\$679,600	90.63	4	\$785,216	9919.2
3	\$509,700	90.42	3	\$588,912	9943.4
2	\$339,800	90.21	2	\$392,608	9967.6
**** 1.666	\$282,976	90.14	1	\$196,304	9991.8
1	\$169,900	90.00	0	\$0	10016.0
	\$0	89.79	0	\$0	10091.0
0	\$0	89.79	0	\$0	10166.0
	\$0	89.79	-0.558	(\$109,488)	10179.5
-1	(\$182,900)	89.36	-1	(\$196,304)	10190.2
-2	(\$365,800)	88.93	-2	(\$392,608)	10214.4
-3	(\$548,700)	88.50	-3	(\$588,912)	10238.6
-4	(\$731,600)	88.07	-4	(\$785,216)	10262.8
-5	(\$914,500)	87.64	-5	(\$981,520)	10287.0
-6	(\$1,097,400)	87.21	-6	(\$1,177,824)	10311.2
-7	(\$1,280,300)	86.78	-7	(\$1,374,128)	10335.4
-8	(\$1,463,200)	86.35	-8	(\$1,570,432)	10359.6
-9	(\$1,646,100)	85.92	-9	(\$1,766,736)	10383.9
-10	(\$1,829,000)	85.49	-10	(\$1,963,040)	10408.1

Equivalent Availability
Weighting Factor:

3.75%

Heat Rate
Weighting Factor:

4.33%

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GENERATING PERFORMANCE INCENTIVE POINTS TABLE

Progress Energy Florida
January 2003 - December 2003

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	\$2,614,000	95.10	10	\$1,410,107	9514.6
9	\$2,352,600	94.67	9	\$1,269,096	9529.8
8	\$2,091,200	94.24	8	\$1,128,085	9545.0
7	\$1,829,800	93.82	7	\$987,075	9560.3
6	\$1,568,400	93.39	6	\$846,064	9575.5
5	\$1,307,000	92.96	5	\$705,053	9590.7
4	\$1,045,600	92.54	4	\$564,043	9606.0
3	\$784,200	92.11	3	\$423,032	9621.2
2	\$522,800	91.68	2	\$282,021	9636.4
**** 1.094	\$286,062	91.30	1	\$141,011	9651.6
1	\$261,400	91.26	0	\$0	9666.9
	\$0	90.83	0	\$0	9741.9
0	\$0	90.83	0	\$0	9816.9
	\$0	90.83	-1	(\$141,011)	9832.1
-1	(\$268,700)	89.98	-2	(\$282,021)	9847.3
-2	(\$537,400)	89.14	-3	(\$423,032)	9862.6
-3	(\$806,100)	88.29	-4	(\$564,043)	9877.8
-4	(\$1,074,800)	87.44	-5	(\$705,053)	9893.0
-5	(\$1,343,500)	86.60	-6	(\$846,064)	9908.3
-6	(\$1,612,200)	85.75	-7	(\$987,075)	9923.5
-7	(\$1,880,900)	84.90	-8	(\$1,128,085)	9938.7
-8	(\$2,149,600)	84.05	-9	(\$1,269,096)	9953.9
-9	(\$2,418,300)	83.21	-9.703	(\$1,368,184)	9964.6
-10	(\$2,687,000)	82.36	-10	(\$1,410,107)	9969.2

Equivalent Availability
Weighting Factor:

5.77%

Heat Rate
Weighting Factor:

3.11%

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GENERATING PERFORMANCE INCENTIVE POINTS TABLE

Progress Energy Florida
January 2003 - December 2003

Unit: Crystal River 2

Equivalent Availability (Points)	Fuel Savings/Loss (\$)	Equivalent Availability (%)	Average Heat Rate (Points)	Fuel Savings/Loss (\$)	Average Heat Rate (BTU/KWH)	
****	10.000	\$6,071,000	70.12	10	\$1,623,402	9276.4
	10	\$6,071,000	69.94	9	\$1,461,062	9297.9
	9	\$5,463,900	69.20	8	\$1,298,722	9319.4
	8	\$4,856,800	68.47	7	\$1,136,382	9340.9
	7	\$4,249,700	67.73	6	\$974,041	9362.4
	6	\$3,642,600	66.99	5	\$811,701	9383.9
	5	\$3,035,500	66.26	4	\$649,361	9405.4
	4	\$2,428,400	65.52	3	\$487,021	9426.9
	3	\$1,821,300	64.78	2	\$324,680	9448.4
	2	\$1,214,200	64.05	1	\$162,340	9469.9
	1	\$607,100	63.31	0	\$0	9491.3
		\$0	62.57	0	\$0	9566.3
	0	\$0	62.57	0	\$0	9641.3
		\$0	62.57	-1	(\$162,340)	9662.8
	-1	(\$1,193,700)	61.22	-1.409	(\$228,747)	9671.6
	-2	(\$2,387,400)	59.87	-2	(\$324,680)	9684.3
	-3	(\$3,581,100)	58.52	-3	(\$487,021)	9705.8
	-4	(\$4,774,800)	57.17	-4	(\$649,361)	9727.3
	-5	(\$5,968,500)	55.82	-5	(\$811,701)	9748.8
	-6	(\$7,162,200)	54.47	-6	(\$974,041)	9770.3
	-7	(\$8,355,900)	53.11	-7	(\$1,136,382)	9791.8
	-8	(\$9,549,600)	51.76	-8	(\$1,298,722)	9813.3
	-9	(\$10,743,300)	50.41	-9	(\$1,461,062)	9834.8
	-10	(\$11,937,000)	49.06	-10	(\$1,623,402)	9856.3

Equivalent Availability
Weighting Factor:

13.39%

Heat Rate
Weighting Factor:

3.58%

Issued by: Progress Energy Florida

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

GENERATING PERFORMANCE INCENTIVE POINTS TABLE

Progress Energy Florida
January 2003 - December 2003

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	\$4,059,000	90.55	10	\$6,168,642	10117.8
9	\$3,653,100	90.39	9	\$5,551,778	10131.2
8	\$3,247,200	90.24	8	\$4,934,914	10144.7
7	\$2,841,300	90.08	7	\$4,318,049	10158.1
6	\$2,435,400	89.92	6	\$3,701,185	10171.5
5	\$2,029,500	89.76	5	\$3,084,321	10185.0
4	\$1,623,600	89.60	4	\$2,467,457	10198.4
**** 3.289	\$1,334,935	89.49	3	\$1,850,593	10211.8
3	\$1,217,700	89.44	2	\$1,233,728	10225.3
2	\$811,800	89.28	1	\$616,864	10238.7
1	\$405,900	89.12	0.218	\$134,264	10249.2
	\$0	88.96	0	\$0	10252.1
0	\$0	88.96	0	\$0	10327.1
	\$0	88.96	0	\$0	10402.1
-1	(\$466,700)	88.64	-1	(\$616,864)	10415.6
-2	(\$933,400)	88.31	-2	(\$1,233,728)	10429.0
-3	(\$1,400,100)	87.98	-3	(\$1,850,593)	10442.4
-4	(\$1,866,800)	87.65	-4	(\$2,467,457)	10455.9
-5	(\$2,333,500)	87.32	-5	(\$3,084,321)	10469.3
-6	(\$2,800,200)	86.99	-6	(\$3,701,185)	10482.7
-7	(\$3,266,900)	86.66	-7	(\$4,318,049)	10496.2
-8	(\$3,733,600)	86.33	-8	(\$4,934,914)	10509.6
-9	(\$4,200,300)	86.00	-9	(\$5,551,778)	10523.0
-10	(\$4,667,000)	85.67	-10	(\$6,168,642)	10536.5

Equivalent Availability
Weighting Factor:

8.95%

Heat Rate
Weighting Factor:

13.61%

Issued by: Progress Energy Florida

Filed:

Suspended:

Effective:

Docket No.:

Order No.:

GENERATING PERFORMANCE INCENTIVE POINTS TABLE

Progress Energy Florida
January 2003 - December 2003

Unit: Crystal River 4

Equivalent Availability (Points)	Fuel Savings/Loss (\$)	Equivalent Availability (%)	Average Heat Rate (Points)	Fuel Savings/Loss (\$)	Average Heat Rate (BTU/KWH)	
-----	-----	-----	-----	-----	-----	
****	10.000	\$3,894,000	96.75	10	\$2,963,394	9104.9
	10	\$3,894,000	94.62	9	\$2,667,055	9119.2
	9	\$3,504,600	94.32	8	\$2,370,716	9133.5
	8	\$3,115,200	94.01	7	\$2,074,376	9147.9
	7	\$2,725,800	93.71	6	\$1,778,037	9162.2
	6	\$2,336,400	93.40	5	\$1,481,697	9176.5
	5	\$1,947,000	93.10	4	\$1,185,358	9190.9
	4	\$1,557,600	92.79	3	\$889,018	9205.2
	3	\$1,168,200	92.49	2	\$592,679	9219.5
	2	\$778,800	92.18	1	\$296,339	9233.9
	1	\$389,400	91.88	0	\$0	9248.2
		\$0	91.57	0	\$0	9323.2
	0	\$0	91.57	0.000	\$0	9340.5
		\$0	91.57	0	\$0	9398.2
	-1	(\$420,900)	90.96	-1	(\$296,339)	9412.6
	-2	(\$841,800)	90.34	-2	(\$592,679)	9426.9
	-3	(\$1,262,700)	89.73	-3	(\$889,018)	9441.2
	-4	(\$1,683,600)	89.11	-4	(\$1,185,358)	9455.6
	-5	(\$2,104,500)	88.50	-5	(\$1,481,697)	9469.9
	-6	(\$2,525,400)	87.88	-6	(\$1,778,037)	9484.2
	-7	(\$2,946,300)	87.26	-7	(\$2,074,376)	9498.6
	-8	(\$3,367,200)	86.65	-8	(\$2,370,716)	9512.9
	-9	(\$3,788,100)	86.03	-9	(\$2,667,055)	9527.2
	-10	(\$4,209,000)	85.42	-10	(\$2,963,394)	9541.6

Equivalent Availability
Weighting Factor:

8.59%

Heat Rate
Weighting Factor:

6.54%

Issued by: Progress Energy Florida

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

GENERATING PERFORMANCE INCENTIVE POINTS TABLE

Progress Energy Florida
January 2003 - December 2003

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	\$3,821,000	97.14	10	\$2,972,401	9121.0	
9	\$3,438,900	96.89	9	\$2,675,161	9135.5	
8	\$3,056,800	96.64	8	\$2,377,920	9149.9	
7	\$2,674,700	96.39	7	\$2,080,680	9164.4	
6	\$2,292,600	96.14	6	\$1,783,440	9178.8	
5	\$1,910,500	95.88	5	\$1,486,200	9193.2	
4	\$1,528,400	95.63	4	\$1,188,960	9207.7	
**** 3.390	\$1,295,263	95.48	3	\$891,720	9222.1	
3	\$1,146,300	95.38	2	\$594,480	9236.6	
2	\$764,200	95.13	1	\$297,240	9251.0	
1	\$382,100	94.88	0	\$0	9265.5	
	\$0	94.62	0	\$0	9340.5	
0	\$0	94.62	0.000	\$0	9391.1	****
	\$0	94.62	0	\$0	9415.5	
-1	(\$361,400)	94.11	-1	(\$297,240)	9429.9	
-2	(\$722,800)	93.60	-2	(\$594,480)	9444.4	
-3	(\$1,084,200)	93.09	-3	(\$891,720)	9458.8	
-4	(\$1,445,600)	92.58	-4	(\$1,188,960)	9473.3	
-5	(\$1,807,000)	92.07	-5	(\$1,486,200)	9487.7	
-6	(\$2,168,400)	91.56	-6	(\$1,783,440)	9502.2	
-7	(\$2,529,800)	91.05	-7	(\$2,080,680)	9516.6	
-8	(\$2,891,200)	90.53	-8	(\$2,377,920)	9531.1	
-9	(\$3,252,600)	90.02	-9	(\$2,675,161)	9545.5	
-10	(\$3,614,000)	89.51	-10	(\$2,972,401)	9560.0	

Equivalent Availability
Weighting Factor:

8.43%

Heat Rate
Weighting Factor:

6.56%

Issued by: Progress Energy Florida

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

GENERATING PERFORMANCE INCENTIVE POINTS TABLE

Progress Energy Florida
January 2003 - December 2003

Unit: Hines 1

Equivalent Availability (Points)	Fuel Savings/Loss (\$)	Equivalent Availability (%)	Average Heat Rate (Points)	Fuel Savings/Loss (\$)	Average Heat Rate (BTU/KWH)	
	10	\$826,000	87.97	10	\$5,255,099	6747.7
	9	\$743,400	87.75	9	\$4,729,589	6791.3
	8	\$660,800	87.54	8	\$4,204,079	6834.9
	7	\$578,200	87.32	7	\$3,678,570	6878.5
	6	\$495,600	87.10	6	\$3,153,060	6922.1
	5	\$413,000	86.88	5	\$2,627,550	6965.7
	4	\$330,400	86.67	4	\$2,102,040	7009.3
****	3.518	\$290,552	86.56	3	\$1,576,530	7053.0
	3	\$247,800	86.45	2	\$1,051,020	7096.6
	2	\$165,200	86.23	1	\$525,510	7140.2
	1	\$82,600	86.01	0	\$0	7183.8
		\$0	85.80	0	\$0	7258.8
	0	\$0	85.80	0.000	\$0	7314.1
		\$0	85.80	0	\$0	7333.8
	-1	(\$83,800)	85.35	-1	(\$525,510)	7377.4
	-2	(\$167,600)	84.90	-2	(\$1,051,020)	7421.0
	-3	(\$251,400)	84.45	-3	(\$1,576,530)	7464.6
	-4	(\$335,200)	84.01	-4	(\$2,102,040)	7508.2
	-5	(\$419,000)	83.56	-5	(\$2,627,550)	7551.8
	-6	(\$502,800)	83.11	-6	(\$3,153,060)	7595.4
	-7	(\$586,600)	82.66	-7	(\$3,678,570)	7639.0
	-8	(\$670,400)	82.22	-8	(\$4,204,079)	7682.7
	-9	(\$754,200)	81.77	-9	(\$4,729,589)	7726.3
	-10	(\$838,000)	81.32	-10	(\$5,255,099)	7769.9

Equivalent Availability
Weighting Factor:

1.82%

Heat Rate
Weighting Factor:

11.59%

Issued by: Progress Energy Florida

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

ACTUAL UNIT PERFORMANCE DATA

Progress Energy Florida

Ancloste 2	Jan-03	Feb-03	Mar-03	Apr-03	May-03	Jun-03	Jul-03	Aug-03	Sep-03	Oct-03	Nov-03	Dec-03	Jan-Dec Period
1. EAF	98.35	98.34	98.50	66.41	94.92	98.07	92.36	97.25	90.63	98.27	95.54	90.10	93.25
2. PH	744	672	744	719	744	720	744	744	720	745	720	744	8760
3. SH	744.0	672.0	744.0	493.7	718.0	720.0	731.8	744.0	720.0	745.0	720.0	679.7	8432.3
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	225.3	26.0	0.0	12.2	0.0	0.0	0.0	0.0	64.3	327.7
6. POH	0.0	0.0	0.0	219.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	219.3
7. FOH	0.0	0.0	0.0	6.0	0.0	0.0	12.2	0.0	0.0	0.0	0.0	64.3	82.4
8. MOH	0.0	0.0	0.0	0.0	26.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	26.0
9. PFOH	7.9	1.6	0.0	6.9	6.5	1.6	173.1	2.3	715.0	0.0	108.1	35.1	1058.0
10. LR PF (MW)	135.4	156.3	0.0	12.0	77.8	204.3	81.9	34.0	38.0	0.0	68.1	87.0	51.1
11. PMOH	33.1	33.8	35.5	53.6	34.2	42.0	66.4	64.3	57.6	41.0	62.7	10.3	534.3
12. LR PM (MW)	151.4	156.0	156.0	148.7	156.0	156.0	119.3	156.0	108.7	156.0	136.3	155.0	143.0
13. NSC (MW)	495	495	495	495	495	495	495	495	495	495	495	495	495
14. OPER MBTU	1610658	1290665	1610071	1297012	2189003	2240702	2165611	2159191	2095289	2245372	1865901	1475698	22245175
15. NET GEN (MWH)	154825	123718	154301	128063	214012	221463	212671	213248	206141	227714	184092	140032	2180280
16. ANOHR (BTU/KWH)	10403.1	10432.3	10434.6	10127.9	10228.4	10117.7	10182.9	10125.3	10164.3	9860.5	10135.7	10538.3	10202.9
17. NOF (%)	42.04	37.19	41.90	52.40	60.22	62.14	58.71	57.90	57.84	61.75	51.65	41.62	52.24
18. NPC (MW)	495	495	495	495	495	495	495	495	495	495	495	495	495
ANOHR EQUATION. ANOHR= -13.287 x NOF + 10808.5													

Issued by: Progress Energy Florida

ACTUAL UNIT PERFORMANCE DATA

Progress Energy Florida

Crystal River 1	Jan-03	Feb-03	Mar-03	Apr-03	May-03	Jun-03	Jul-03	Aug-03	Sep-03	Oct-03	Nov-03	Dec-03	Jan-Dec Period
1. EAF	97.47	96.68	89.33	96.59	96.40	77.98	92.00	90.95	96.35	94.70	95.77	71.94	91.30
2. PH	744	672	744	719	744	720	744	744	720	745	720	744	8760
3. SH	734.7	672.0	736.4	719.0	744.0	639.5	727.9	718.7	720.0	745.0	711.7	549.4	8418.3
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	9.3	0.0	7.6	0.0	0.0	80.5	16.1	25.4	0.0	0.0	8.3	194.6	341.8
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	9.3	0.0	7.5	0.0	0.0	80.5	16.1	25.4	0.0	0.0	8.3	194.6	341.6
8. MOH	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2
9. PFOH	0.2	19.5	6.8	13.5	33.6	51.7	39.8	31.9	28.4	9.8	34.4	21.9	291.4
10. LR PF (MW)	75.8	189.0	79.9	75.0	74.5	252.3	79.7	61.6	189.0	18.0	97.6	100.3	127.1
11. PMOH	47.5	48.1	196.0	64.0	65.3	158.6	116.6	88.2	40.2	114.5	58.1	21.6	1018.6
12. LR PM (MW)	75.7	99.5	136.1	129.1	117.1	104.2	114.0	158.1	114.4	129.1	87.2	147.6	120.1
13. NSC (MW)	379	379	379	379	379	379	379	379	379	379	379	379	379
14. OPER MBTU	2298084	1882113	1873980	2235837	2251655	1642218	2299342	2255098	2356676	2399127	2109265	1492241	25095633
15. NET GEN (MWH)	234306	190781	186716	218840	222165	159368	223051	218298	233944	242748	210613	153712	2494542
16. ANOHR (BTU/KWH)	9808.0	9865.3	10036.5	10216.8	10135.1	10304.6	10308.6	10330.4	10073.7	9883.2	10014.9	9708.0	10060.2
17. NOF (%)	84.15	74.91	66.90	80.31	78.79	65.76	80.85	80.15	85.73	85.97	78.08	73.82	78.19
18. NPC (MW)	379	379	379	379	379	379	379	379	379	379	379	379	379
ANOHR EQUATION. ANOHR= -7.020 x NOF + 10386.3													

Issued by: Progress Energy Florida

ACTUAL UNIT PERFORMANCE DATA

Progress Energy Florida

Crystal River 2	Jan-03	Feb-03	Mar-03	Apr-03	May-03	Jun-03	Jul-03	Aug-03	Sep-03	Oct-03	Nov-03	Dec-03	Jan-Dec Period
1. EAF	98.18	76.58	22.73	18.82	88.89	80.77	87.47	95.48	76.28	97.44	94.28	97.56	78.01
2. PH	744	672	744	719	744	720	744	744	720	745	720	744	8760
3. SH	744.0	530.5	169.4	167.8	692.3	624.2	684.9	727.3	571.0	745.0	720.0	744.0	7120.4
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	141.5	574.6	551.2	51.7	95.9	59.1	16.7	149.0	0.0	0.0	0.0	1639.6
6. POH	0.0	0.0	574.6	496.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1071.0
7. FOH	0.0	95.1	0.0	54.8	9.0	59.6	0.0	16.7	149.0	0.0	0.0	0.0	385.2
8. MOH	0.0	45.4	0.0	0.0	42.7	36.3	59.1	0.0	0.0	0.0	0.0	0.0	183.4
9. PFOH	35.9	36.8	1.0	121.0	52.9	6.0	0.0	33.3	5.7	8.2	80.0	30.6	411.4
10. LR PF (MW)	45.9	89.6	123.4	61.4	147.5	202.7	0.0	33.3	229.8	295.9	153.0	121.3	102.8
11. PMOH	47.6	23.3	0.0	49.3	40.9	206.6	132.7	61.6	40.7	37.9	30.3	36.2	707.0
12. LR PM (MW)	103.4	189.5	0.0	169.5	177.8	94.4	125.0	115.5	227.5	180.7	255.8	141.5	137.4
13. NSC (MW)	486	486	486	486	486	486	486	486	486	486	486	486	486
14. OPER MBTU	3094834	2005482	643420	547658	2716127	2326431	2774115	2966173	2279250	3179515	2648879	2695025	27876910
15. NET GEN (MWH)	322146	207672	63867	49172	278052	231053	278633	297586	230446	333227	272081	285563	2849498
16. ANOHR (BTU/KWH)	9606.9	9657.0	10074.4	11137.6	9768.4	10068.8	9956.2	9967.4	9890.6	9541.6	9735.6	9437.6	9783.1
17. NOF (%)	89.09	80.55	77.58	60.30	82.64	76.17	83.71	84.19	83.04	92.03	77.76	78.98	82.34
18. NPC (MW)	486	486	486	486	486	486	486	486	486	486	486	486	486

ANOHR EQUATION: ANOHR= -15.283 x NOF + 10936.3

Issued by: Progress Energy Florida

ACTUAL UNIT PERFORMANCE DATA

Progress Energy Florida

Crystal River 3	Jan-03	Feb-03	Mar-03	Apr-03	May-03	Jun-03	Jul-03	Aug-03	Sep-03	Oct-03	Nov-03	Dec-03	Jan-Dec Period
1 EAF	100.00	100.00	99.96	97.68	99.49	99.89	100.00	99.93	86.23	7.23	71.61	98.65	88.28
2. PH	744	672	744	719	744	720	744	744	720	745	720	744	8760
3 SH	744.0	672.0	744.0	719.0	744.0	720.0	744.0	744.0	720.0	72.0	554.3	734.9	7912.2
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	0.0	0.0	0.0	0.0	0.0	0.0	673.0	165.7	9.2	847.8
6. POH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	673.0	108.3	0.0	781.3
7 FOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	57.4	9.2	66.6
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	0.0	0.0	0.0	0.0	20.0	0.0	24.9	2.2	47.1
10. LR PF (MW)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	155.3	0.0	478.9	313.3	333.7
11. PMOH	0.0	0.0	6.6	76.1	55.1	6.6	0.0	8.5	1015.1	72.0	58.3	0.0	1298.3
12. LR PM (MW)	0.0	0.0	37.0	167.7	52.9	95.0	0.0	45.0	71.7	192.7	303.4	0.0	93.4
13. NSC (MW) **	765	765	765	765	765	765	765	765	765	765	765	765	765
14. OPER MBTU	5927531	5366701	5924674	5602168	5888102	5731452	5985156	5979011	4991520	427544	4192702	5885680	61902241
15. NET GEN (MWH)	581978	527379	587346	553949	575196	559213	575095	575560	475965	41024	407561	578375	6038641
16. ANOHR (BTU/KWH)	10185.1	10176.2	10087.2	10113.1	10236.7	10249.1	10407.2	10388.2	10487.2	10421.8	10287.3	10176.2	10251.0
17. NOF (%)	102.25	102.59	103.20	100.71	101.06	101.53	101.04	101.12	86.41	74.46	96.11	102.88	99.77
18. NPC (MW)	765	765	765	765	765	765	765	765	765	765	765	765	765
ANOHR EQUATION:	ANOHR=	-6.499 x NOF + 10977.4											

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ACTUAL UNIT PERFORMANCE DATA

Progress Energy Florida

Crystal River 4	Jan-03	Feb-03	Mar-03	Apr-03	May-03	Jun-03	Jul-03	Aug-03	Sep-03	Oct-03	Nov-03	Dec-03	Jan-Dec Period
1 EAF	99.99	97.62	99.24	99.78	98.12	97.80	98.69	97.10	97.77	99.88	98.23	81.35	97.11
2. PH	744	672	744	719	744	720	744	744	720	745	720	744	8760
3 SH	744.0	672.0	744.0	719.0	733.5	720.0	744.0	744.0	712.2	745.0	714.4	606.0	8598.1
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	0.0	10.5	0.0	0.0	0.0	7.8	0.0	5.6	138.1	161.9
6. POH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.6	130.5	136.1
7. FOH	0.0	0.0	0.0	0.0	10.5	0.0	0.0	0.0	7.8	0.0	0.0	7.5	25.8
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	0.4	0.0	16.6	19.8	13.4	16.1	49.2	1.7	13.8	2.3	17.6	1.6	152.4
10 LR PF (MW)	101.2	0.0	69.8	56.8	54.9	110.4	82.5	102.1	435.0	102.3	292.0	53.9	134.6
11 PMOH	0.0	157.7	16.5	0.0	4.7	17.4	29.2	95.1	0.0	4.2	0.0	4.0	328.7
12 LR PM (MW)	0.0	73.0	176.2	0.0	386.8	553.3	102.0	161.3	0.0	101.9	0.0	102.1	136.9
13. NSC (MW)	720	720	720	720	720	720	720	720	720	720	720	720	720
14. OPER MBTU	4549440	3777035	4333126	4213791	4365085	4206694	4637668	4487801	4281869	4257189	3981719	3365008	50456425
15 NET GEN (MWH)	485462	403454	459868	448938	474231	433201	492551	478274	447537	453982	423722	359089	5360309
16. ANOHR (BTU/KWH)	9371.4	9361.7	9422.5	9386.1	9204.6	9710.7	9415.6	9383.3	9567.6	9377.4	9397.0	9371.0	9413.0
17. NOF (%)	90.63	83.39	85.85	86.72	89.79	83.57	91.95	89.28	87.27	84.63	82.38	82.31	86.59
18. NPC (MW)	720	720	720	720	720	720	720	720	720	720	720	720	720
ANOHR EQUATION: ANOHR= -7.908 x NOF + 10080.4													

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ACTUAL UNIT PERFORMANCE DATA

Progress Energy Florida

Crystal River 5	Jan-03	Feb-03	Mar-03	Apr-03	May-03	Jun-03	Jul-03	Aug-03	Sep-03	Oct-03	Nov-03	Dec-03	Jan-Dec Period
1. EAF	93.63	92.46	96.20	89.54	80.14	98.62	97.81	99.75	98.65	97.94	98.96	99.84	95.48
2. PH	744	672	744	719	744	720	744	744	720	745	720	744	8760
3. SH	699.1	661.0	744.0	646.6	707.5	720.0	744.0	744.0	720.0	731.4	720.0	744.0	8581.5
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	44.9	11.0	0.0	72.5	36.6	0.0	0.0	0.0	0.0	13.6	0.0	0.0	178.5
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	44.9	11.0	0.0	0.0	36.6	0.0	0.0	0.0	0.0	13.6	0.0	0.0	106.0
8. MOH	0.0	0.0	0.0	72.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	72.5
9. PFOH	8.7	49.7	3.2	19.8	305.0	20.0	15.0	2.2	27.7	12.0	7.6	6.0	476.9
10. LR PF (MW)	206.1	70.1	203.5	99.0	115.2	197.7	404.7	98.8	226.1	102.9	168.2	114.2	131.5
11. PMOH	0.0	135.7	40.1	0.0	116.0	30.4	9.8	3.3	7.0	0.0	7.5	1.8	351.5
12. LR PM (MW)	0.0	183.8	223.3	0.0	384.5	104.2	575.0	337.1	99.0	0.0	546.0	99.1	265.5
13. NSC (MW)	717	717	717	717	717	717	717	717	717	717	717	717	717
14. OPER MBTU	4312021	3475838	4345726	3764241	3553477	4459524	4607969	4663167	4651692	4616201	4416736	4668838	51535431
15. NET GEN (MWH)	459470	370254	465338	403830	380581	466822	487708	491524	494323	487668	466210	498892	5472620
16. ANOHR (BTU/KWH)	9384.8	9387.7	9338.9	9321.4	9337.0	9552.9	9448.2	9487.2	9410.2	9465.9	9473.7	9358.4	9417.0
17. NOF (%)	91.66	78.12	87.23	87.11	75.03	90.43	91.43	92.14	95.75	92.99	90.31	93.52	88.94
18. NPC (MW)	717	717	717	717	717	717	717	717	717	717	717	717	717
ANOHR EQUATION:	ANOHR = -5.270 x NOF + 9835.1												

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ACTUAL UNIT PERFORMANCE DATA

Progress Energy Florida

Hines 1	Jan-03	Feb-03	Mar-03	Apr-03	May-03	Jun-03	Jul-03	Aug-03	Sep-03	Oct-03	Nov-03	Dec-03	Jan-Dec Period
1. EAF	89.76	94.40	99.84	84.93	48.45	97.01	99.46	98.70	100.00	98.08	39.74	98.17	87.40
2. PH	744	672	744	719	744	720	744	744	720	745	720	744	8760
3. SH	686.7	672.0	744.0	669.4	372.1	698.5	740.0	734.3	720.0	735.1	321.4	730.4	7823.7
4. RSH	57.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	56.6	0.0	114.0
5. UH	0.0	0.0	0.0	49.7	371.9	21.5	4.1	9.7	0.0	9.9	342.0	13.6	822.3
6. POH	0.0	0.0	0.0	49.7	371.9	0.0	0.0	0.0	0.0	0.0	342.0	0.0	763.6
7. FOH	0.0	0.0	0.0	0.0	0.0	21.5	4.1	9.7	0.0	9.9	0.0	13.6	58.7
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	96.8	72.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0	8.3	0.0	0.0	181.0
10. LR PF (MW)	247.0	252.0	146.9	0.0	0.0	0.0	0.0	0.0	0.0	257.0	0.0	0.0	247.2
11. PMOH	51.9	0.0	0.0	113.2	23.3	0.0	0.0	0.0	0.0	0.0	169.1	0.0	357.5
12. LR PM (MW)	247.0	0.0	0.0	250.0	240.0	0.0	0.0	0.0	0.0	0.0	262.0	0.0	254.6
13. NSC (MW)	482	482	482	482	482	482	482	482	482	482	482	482	482
14. OPER MBTU	1946338	1754496	2024584	1661576	1076487	1947631	2150016	2173760	2039665	2307721	663830	2102221	21848325
15. NET GEN (MWH)	260541	239124	284286	228260	141039	264972	294699	294784	288229	304083	88056	284948	2973041
16. ANOHR (BTU/KWH)	7470.4	7337.2	7121.6	7278.7	7632.5	7350.3	7295.6	7374.1	7076.5	7589.1	7538.7	7377.6	7348.8
17. NOF (%)	78.72	73.83	79.27	70.76	78.64	78.70	82.63	83.29	83.05	85.82	56.84	80.94	78.84
18. NPC (MW)	482	482	482	482	482	482	482	482	482	482	482	482	482
ANOHR EQUATION. ANOHR= -15.964 x NOF + 8552.1													

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PLANNED OUTAGE SCHEDULES
ACTUALProgress Energy Florida
January 2003 - December 2003

<u>Plant/Unit</u>	<u>Planned Outage Dates</u>	<u>Reason for Outage</u>
Ancote 2	4/11 (0001) - 4/20 (2400)	Boiler Outage
Crystal River 2	3/08 (0001) - 4/21 (2400)	Major Boiler Outage
Crystal River 3	10/04 (0001) - 11/05 (2400)	Refueling
Crystal River 4	11/30 (0001) - 12/06 (2400)	Boiler Outage
Hines 1	4/28 (0001) - 5/16 (2400)	Combustion Inspection
Hines 1	11/08 (0001) - 11/22 (2400)	Combustion Inspection

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

Planned Outage Schedule - Actual

Progress Energy Florida
January 2003 - December 2003

	January	February	March	April	May	June	July	August	September	October	November	December
Anclote 2				Boiler Outage 4/11 [REDACTED] 4/20 10 days								
Crystal River 2			Major Boiler Outage 3/08 [REDACTED] 4/21 45 days									
Crystal River 3										Refueling 10/04 [REDACTED] 11/05 33 days		
Crystal River 4											Boiler Outage 11/30 [REDACTED] 12/06 7 days	
Hines 1				Comb. Inspection 4/28 [REDACTED] 5/16 19 days							Comb. Inspection 11/08 [REDACTED] 11/22 15 days	