



ORIGINAL

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

March 31, 2003

VIA EXPRESS 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

Re: Docket No. 030001 -EI

Dear Ms. Bayó:

Enclosed for filing in the subject docket on behalf of Progress Energy Florida, Inc., formerly Florida Power Corporation, are an original and ten copies of the prepared direct testimony and exhibits of Michael F. Jacob, Pamela R. Murphy, and Javier Portuondo.

Please acknowledge your receipt of the above filing on the enclosed copy of this letter and return to the undersigned. Also enclosed is a 3.5 inch diskette containing the above-referenced documents in Word, Excel and PDF formats. Thank you for your assistance in this matter.

Very truly yours,

James A. McGee

JAM/scc
Enclosure

cc: Parties of record

JACOB - 03037-03
MURPHY - 03038-03
PORTUONDO - 03039-03

- AUS 1
- CAF
- CMP
- COM 5
- CTR
- ECR Bahrman
- GCL 1
- OPC
- MMS
- SEC 1
- OTH

PROGRESS ENERGY FLORIDA

DOCKET NO. 030001-EI

CERTIFICATE OF SERVICE

I HEREBY CERTIFY that a true copy of the prepared direct testimony and exhibits of Michael F. Jacob, Pamela R. Murphy, and Javier Portuondo has been furnished to the following individuals by regular U.S. Mail the 31 day of May, 2003:

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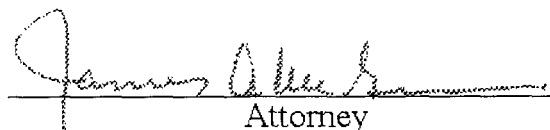
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PROGRESS ENERGY FLORIDA

Docket No. 030001-EI

GPIF Reward/Penalty Amount for
January through December 2002

**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?**

DOCUMENT NUMBER-DATE

03037 APR-18

FPSC-COMMISSION CLERK

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 2002. This calculation was based on a comparison of 2002 actual
4 performance data for the Company's nine GPIF generating units with the
5 approved performance targets set for these units prior to the period.

6

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

8 A. Yes, I am sponsoring Exhibit No. _____ (MFJ-1), 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 \$2,781,223. This amount was developed in a manner consistent with the
17 GPIF Implementation Manual. Page 2 of my exhibit shows the calculation of
18 system GPIF points and the corresponding reward. The summary of
19 weighted incentive points earned by each individual unit can be found on
20 page 4 of my exhibit.

21

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

1 A. The calculation of incentive points is made by comparing the adjusted actual
2 performance data for equivalent availability and heat rate to the target
3 performance indicators for each unit. This comparison is shown on each
4 unit's Generating Performance Incentive Points Table found on pages 9
5 through 17 of my exhibit.

6
7 **Q. Why is it necessary to make adjustments to the actual performance data**
8 **for comparison with the targets?**

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

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

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

4
5 **Q. Does this conclude your testimony?**

6 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	9-17
Actual Unit Performance Data	18-26
Planned Outage Schedules (Actual)	27-28

GENERATING PERFORMANCE INCENTIVE FACTOR

REWARD/PENALTY TABLE

ACTUAL

Progress Energy Florida
January 2002 - December 2002

Generating Performance Incentive Points (GPIF)	Fuel Savings/Loss (\$)	Generating Performance Incentive Factor (\$)
10	\$50,391,526	\$8,050,257
9	\$45,352,373	\$7,245,231
8	\$40,313,220	\$6,440,206
7	\$35,274,068	\$5,635,180
6	\$30,234,915	\$4,830,154
5	\$25,195,763	\$4,025,129
4	\$20,156,610	\$3,220,103
**** 3.455	\$17,409,388	\$2,781,223
3	\$15,117,458	\$2,415,077
2	\$10,078,305	\$1,610,051
1	\$5,039,153	\$805,026
0	\$0	\$0
-1	(\$6,352,053)	(\$805,026)
-2	(\$12,704,105)	(\$1,610,051)
-3	(\$19,056,158)	(\$2,415,077)
-4	(\$25,408,210)	(\$3,220,103)
-5	(\$31,760,263)	(\$4,025,129)
-6	(\$38,112,315)	(\$4,830,154)
-7	(\$44,464,368)	(\$5,635,180)
-8	(\$50,816,420)	(\$6,440,206)
-9	(\$57,168,473)	(\$7,245,231)
-10	(\$63,520,526)	(\$8,050,257)

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GENERATION PERFORMANCE INCENTIVE FACTOR
CALCULATION OF MAXIMUM ALLOWED INCENTIVE DOLLARS

Progress Energy Florida
January 2002 - December 2002

1	Beginning of period balance of common equity	2,031,644,452
2	END OF MONTH BALANCE OF COMMON EQUITY:	
	Month of JANUARY 2002	\$2,066,548,114
3	Month of FEBRUARY 2002	\$2,010,755,515
4	Month of MARCH 2002	\$1,989,513,129
5	Month of APRIL 2002	\$2,005,303,917
6	Month of MAY 2002	\$1,976,442,219
7	Month of JUNE 2002	\$2,006,541,822
8	Month of JULY 2002	\$2,046,093,355
9	Month of AUGUST 2002	\$2,019,135,149
10	Month of SEPTEMBER 2002	\$2,036,729,285
11	Month of OCTOBER 2002	\$2,050,241,392
12	Month of NOVEMBER 2002	\$2,028,890,786
13	Month of DECEMBER 2002	\$2,050,734,235
14	Average common equity for the period	\$ 2,024,505,644
15	25 Basis Points	0.0025
16	Revenue Expansion Factor	61.3808%
17	Maximum allowed incentive dollars	\$8,245,680
18	Jurisdictional Sales *	36,832,117 MWH
19	Total Sales *	37,725,274 MWH
20	Jurisdictional Separation Factor	97.63%
21	Maximum allowed jurisdictional incentive dollars	\$8,050,257

* Net sales (Sales - Interruptible)

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GENERATION PERFORMANCE INCENTIVE FACTOR

CALCULATION OF SYSTEM ACTUAL GPIF POINTS

Progress Energy Florida
January 2002 - December 2002

<u>Plant/Unit</u>	<u>Performance Indicator EAF or ANOHR</u>	<u>Weighting Factor %</u>	<u>Unit Points</u>	<u>Weighted Unit Points</u>
Anclole 1	EAF	8.78	10.000	0.878
	ANOHR	4.46	-4.637	-0.207
Anclole 2	EAF	3.13	10.000	0.313
	ANOHR	3.91	0.000	0.000
Crystal River 1	EAF	3.51	10.000	0.351
	ANOHR	2.71	0.000	0.000
Crystal River 2	EAF	13.39	1.986	0.266
	ANOHR	3.51	0.000	0.000
Crystal River 3	EAF	7.81	10.000	0.781
	ANOHR	10.89	0.000	0.000
Crystal River 4	EAF	5.19	-0.688	-0.036
	ANOHR	5.36	0.000	0.000
Crystal River 5	EAF	5.62	10.000	0.562
	ANOHR	7.28	-0.774	-0.056
Bartow 3	EAF	2.67	6.784	0.181
	ANOHR	1.39	0.000	0.000
Tiger Bay	EAF	6.76	6.226	0.421
	ANOHR	3.62	0.000	0.000
GPIF System		100.00		3.455

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GENERATION PERFORMANCE INCENTIVE FACTOR
GPIF UNIT PERFORMANCE SUMMARY

Progress Energy Florida
January 2002 - December 2002

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	8.78				
Anclote 2	3.13	81.68	84.11	76.72	\$1,579	(\$2,672)	84.33	\$1,579.0
Crystal River 1	3.51	86.75	92.87	74.82	\$1,770	(\$7,066)	92.92	\$1,770.0
Crystal River 2	13.39	65.14	71.66	52.88	\$6,745	(\$8,834)	66.43	\$1,339.3
Crystal River 3	7.81	96.21	98.00	92.51	\$3,938	(\$6,718)	98.64	\$3,938.0
Crystal River 4	5.19	76.48	78.14	73.10	\$2,615	(\$4,740)	76.25	(\$326.3)
Crystal River 5	5.62	94.52	97.09	89.30	\$2,833	(\$6,760)	98.51	\$2,833.0
Bartow 3	2.67	80.12	84.02	72.41	\$1,344	(\$750)	82.76	\$911.7
Tiger Bay	6.76	80.31	83.22	74.49	\$3,404	(\$974)	82.12	\$2,119.3
GPIF System	56.86				\$28,654	(\$41,783)		\$18,590.0

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 (\$000)
				Min. (Btu/kwh)	Max. (Btu/kwh)				
				Anclote 1	4.46				
Anclote 2	3.91	10090	53.1	9783	10396	\$1,970	(\$1,970)	10124	\$0.0
Crystal River 1	2.71	9750	93.5	9529	9972	\$1,365	(\$1,365)	9725	\$0.0
Crystal River 2	3.51	9619	93.0	9323	9915	\$1,771	(\$1,771)	9656	\$0.0
Crystal River 3	10.89	10283	101.1	10096	10470	\$5,486	(\$5,486)	10288	\$0.0
Crystal River 4	5.36	9413	85.7	9187	9639	\$2,704	(\$2,704)	9441	\$0.0
Crystal River 5	7.28	9376	90.2	9137	9614	\$3,668	(\$3,668)	9463	(\$283.9)
Bartow 3	1.39	10053	71.7	9832	10275	\$701	(\$701)	10008	\$0.0
Tiger Bay	3.62	8267	71.9	7782	8751	\$1,823	(\$1,823)	8313	\$0.0
GPIF System	43.14					\$21,738	(\$21,738)		(\$1,326.9)

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GENERATION PERFORMANCE INCENTIVE FACTOR
ACTUAL UNIT PERFORMANCE DATA

Progress Energy Florida
January 2002 - December 2002

Plant/Unit	ACTUAL EAF %	ADJUSTMENTS (1) TO EAF %	ADJUSTED ACTUAL EAF %
Crystal River 1	92.92	0.00	92.92
Crystal River 2	83.61	-17.18	66.43
Crystal River 3	98.64	0.00	98.64
Crystal River 4	78.49	-2.24	76.25
Crystal River 5	87.20	11.31	98.51
Anclole 1	90.72	5.63	96.35
Anclole 2	97.10	-12.77	84.33
Bartow 3	87.62	-4.86	82.76
Tiger Bay	89.90	-7.78	82.12

Plant/Unit	ACTUAL ANOHR BTU/KWH	ADJUSTMENTS (2) TO ANOHR BTU/KWH	ADJUSTED ACTUAL ANOHR BTU/KWH
Crystal River 1	9799.7	-74.3	9725.4
Crystal River 2	9813.4	-157.3	9656.1
Crystal River 3	10290.7	-2.7	10288.0
Crystal River 4	9451.9	-10.4	9441.4
Crystal River 5	9487.1	-23.8	9463.3
Anclole 1	10306.9	79.0	10385.9
Anclole 2	10108.9	15.1	10124.1
Bartow 3	10048.2	-40.4	10007.8
Tiger Bay	7777.3	535.6	8312.9

(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 2002 - December 2002

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>BA3</u>	<u>TE</u>
1	Actual POH	Hrs.	512.32	0.00	0.00	0.00	0.00	1546.10	1005.96	553.23	457.63
2	Target POH	Hrs.	0.00	1152.00	0.00	1800.00	0.00	1752.00	0.00	1008.00	1176.00
3	Adj. Factor (PH-POHT/PH-POHA)		1.06	0.87	1.00	0.79	1.00	0.97	1.13	0.94	0.91
4	Actual EUOH	Hrs.	300.94	254.23	620.59	1435.62	118.79	338.03	115.53	531.34	427.12
5	Adj. EUOH (3*4)	Hrs.	319.64	220.80	620.59	1140.63	118.79	328.39	130.52	501.89	390.16
6	Actual EAF	%	90.72	97.10	92.92	83.61	98.64	78.49	87.20	87.62	89.90
7	Adjusted EAF (using 2 & 5)	%	96.35	84.33	92.92	66.43	98.64	76.25	98.51	82.76	82.12
8	Difference (7-6)	%	5.63	-12.77	0.00	-17.18	0.00	-2.24	11.31	-4.86	-7.78
9	Total adj. to EAF	%	5.63	-12.77	0.00	-17.18	0.00	-2.24	11.31	-4.86	-7.78

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GENERATION PERFORMANCE INCENTIVE FACTOR
ADJUSTMENTS TO ANOHR ACTUAL

Progress Energy Florida
January 2002 - December 2002

ANOHR adjustments for											
<u>Target NOF</u>			<u>CR1</u>	<u>CR2</u>	<u>CR3</u>	<u>CR4</u>	<u>CR5</u>	<u>AN1</u>	<u>AN2</u>	<u>BA3</u>	<u>TB</u>
1	Target NOF	%	93.5	93.0	101.1	85.7	90.2	48.9	53.1	71.7	71.9
2	Target ANOHR	Btu/kwh	9750.2	9619.1	10283.1	9413.0	9375.7	10183.1	10089.8	10053.3	8266.8
3	Actual NOF	%	81.8	77.3	100.8	83.6	85.1	54.0	53.9	68.3	86.5
4	Calc. ANOHR (using 3)	Btu/kwh	9824.5	9776.4	10285.8	9423.4	9399.4	10104.1	10074.7	10093.6	7731.2
5	Total adj. to ANOHR (2-4)	Btu/kwh	-74.3	-157.3	-2.7	-10.4	-23.8	79.0	15.1	-40.4	535.6

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GENERATING PERFORMANCE INCENTIVE POINTS TABLE

Progress Energy Florida
January 2002 - December 2002
Unit: Anclothe 1

Equivalent Availability (Points)	Fuel Savings/Loss (\$)	Equivalent Availability (%)	Average Heat Rate (Points)	Fuel Savings/Loss (\$)	Average Heat Rate (BTU/KWH)

10.000	\$4,426,000	96.35	10	\$2,249,192	9832.5
10	\$4,426,000	95.57	9	\$2,024,273	9860.1
9	\$3,983,400	95.18	8	\$1,799,354	9887.7
8	\$3,540,800	94.80	7	\$1,574,435	9915.2
7	\$3,098,200	94.41	6	\$1,349,515	9942.8
6	\$2,655,600	94.03	5	\$1,124,596	9970.3
5	\$2,213,000	93.64	4	\$899,677	9997.9
4	\$1,770,400	93.25	3	\$674,758	10025.4
3	\$1,327,800	92.87	2	\$449,838	10053.0
2	\$885,200	92.48	1	\$224,919	10080.6
1	\$442,600	92.10	0	\$0	10108.1
	\$0	91.71	0	\$0	10183.1
0	\$0	91.71	0	\$0	10258.1
	\$0	91.71	-1	(\$224,919)	10285.7
-1	(\$326,900)	90.95	-2	(\$449,838)	10313.2
-2	(\$653,800)	90.18	-3	(\$674,758)	10340.8
-3	(\$980,700)	89.41	-4	(\$899,677)	10368.4
-4	(\$1,307,600)	88.65	-4.637	(\$1,043,008)	10385.9
-5	(\$1,634,500)	87.88	-5	(\$1,124,596)	10395.9
-6	(\$1,961,400)	87.12	-6	(\$1,349,515)	10423.5
-7	(\$2,288,300)	86.35	-7	(\$1,574,435)	10451.0
-8	(\$2,615,200)	85.58	-8	(\$1,799,354)	10478.6
-9	(\$2,942,100)	84.82	-9	(\$2,024,273)	10506.2
-10	(\$3,269,000)	84.05	-10	(\$2,249,192)	10533.7

Equivalent Availability
Weighting Factor:

8.78%

Heat Rate
Weighting Factor:

4.46%

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GENERATING PERFORMANCE INCENTIVE POINTS TABLE

Progress Energy Florida
January 2002 - December 2002
Unit: Anclote 2

Equivalent Availability (Points)	Fuel Savings/Loss (\$)	Equivalent Availability (%)	Average Heat Rate (Points)	Fuel Savings/Loss (\$)	Average Heat Rate (BTU/KWH)

10.000	\$1,579,000	84.33	10	\$1,969,775	9783.1
10	\$1,579,000	84.11	9	\$1,772,797	9806.3
9	\$1,421,100	83.87	8	\$1,575,820	9829.4
8	\$1,263,200	83.62	7	\$1,378,842	9852.6
7	\$1,105,300	83.38	6	\$1,181,865	9875.8
6	\$947,400	83.14	5	\$984,887	9898.9
5	\$789,500	82.90	4	\$787,910	9922.1
4	\$631,600	82.65	3	\$590,932	9945.3
3	\$473,700	82.41	2	\$393,955	9968.5
2	\$315,800	82.17	1	\$196,977	9991.6
1	\$157,900	81.92	0	\$0	10014.8
	\$0	81.68	0	\$0	10089.8
0	\$0	81.68	0.000	\$0	10124.1
	\$0	81.68	0	\$0	10164.8
-1	(\$267,200)	81.18	-1	(\$196,977)	10188.0
-2	(\$534,400)	80.69	-2	(\$393,955)	10211.1
-3	(\$801,600)	80.19	-3	(\$590,932)	10234.3
-4	(\$1,068,800)	79.69	-4	(\$787,910)	10257.5
-5	(\$1,336,000)	79.20	-5	(\$984,887)	10280.6
-6	(\$1,603,200)	78.70	-6	(\$1,181,865)	10303.8
-7	(\$1,870,400)	78.21	-7	(\$1,378,842)	10327.0
-8	(\$2,137,600)	77.71	-8	(\$1,575,820)	10350.1
-9	(\$2,404,800)	77.21	-9	(\$1,772,797)	10373.3
-10	(\$2,672,000)	76.72	-10	(\$1,969,775)	10396.5

Equivalent Availability
Weighting Factor:

3.13%

Heat Rate
Weighting Factor:

3.91%

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GENERATING PERFORMANCE INCENTIVE POINTS TABLE

Progress Energy Florida
 January 2002 - December 2002
 Unit: Bartow 3

Equivalent Availability (Points)	Fuel Savings/Loss (\$)	Equivalent Availability (%)	Average Heat Rate (Points)	Fuel Savings/Loss (\$)	Average Heat Rate (BTU/KWH)	
10	\$1,344,000	84.02	10	\$701,404	9831.5	
9	\$1,209,600	83.63	9	\$631,263	9846.2	
8	\$1,075,200	83.24	8	\$561,123	9860.9	
7	\$940,800	82.85	7	\$490,983	9875.5	
****	6.784	\$911,723	82.76	6	\$420,842	9890.2
	6	\$806,400	82.46	5	\$350,702	9904.9
	5	\$672,000	82.07	4	\$280,561	9919.6
	4	\$537,600	81.68	3	\$210,421	9934.2
	3	\$403,200	81.29	2	\$140,281	9948.9
	2	\$268,800	80.90	1	\$70,140	9963.6
	1	\$134,400	80.51	0	\$0	9978.3
		\$0	80.12	0.000	\$0	10007.8
	0	\$0	80.12	0	\$0	10053.3
		\$0	80.12	0	\$0	10128.3
	-1	(\$75,000)	79.35	-1	(\$70,140)	10142.9
	-2	(\$150,000)	78.58	-2	(\$140,281)	10157.6
	-3	(\$225,000)	77.81	-3	(\$210,421)	10172.3
	-4	(\$300,000)	77.04	-4	(\$280,561)	10187.0
	-5	(\$375,000)	76.27	-5	(\$350,702)	10201.6
	-6	(\$450,000)	75.49	-6	(\$420,842)	10216.3
	-7	(\$525,000)	74.72	-7	(\$490,983)	10231.0
	-8	(\$600,000)	73.95	-8	(\$561,123)	10245.7
	-9	(\$675,000)	73.18	-9	(\$631,263)	10260.3
	-10	(\$750,000)	72.41	-10	(\$701,404)	10275.0

Equivalent Availability
 Weighting Factor:

 2.67%

Heat Rate
 Weighting Factor:

 1.39%

Issued by: Progress Energy Florida

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

GENERATING PERFORMANCE INCENTIVE POINTS TABLE

Progress Energy Florida
January 2002 - December 2002
Unit: Crystal River 1

	Equivalent Availability (Points)	Fuel Savings/Loss (\$)	Equivalent Availability (%)	Average Heat Rate (Points)	Fuel Savings/Loss (\$)	Average Heat Rate (BTU/KWH)	
****	10.000	\$1,770,000	92.92	10	\$1,365,059	9528.7	
	10	\$1,770,000	92.87	9	\$1,228,553	9543.3	
	9	\$1,593,000	92.26	8	\$1,092,047	9558.0	
	8	\$1,416,000	91.65	7	\$955,541	9572.6	
	7	\$1,239,000	91.04	6	\$819,035	9587.3	
	6	\$1,062,000	90.43	5	\$682,530	9602.0	
	5	\$885,000	89.81	4	\$546,024	9616.6	
	4	\$708,000	89.20	3	\$409,518	9631.3	
	3	\$531,000	88.59	2	\$273,012	9645.9	
	2	\$354,000	87.98	1	\$136,506	9660.6	
	1	\$177,000	87.37	0	\$0	9675.2	
		\$0	86.75	0.000	\$0	9725.4	****
	0	\$0	86.75	0	\$0	9750.2	
		\$0	86.75	0	\$0	9825.2	
	-1	(\$706,600)	85.56	-1	(\$136,506)	9839.9	
	-2	(\$1,413,200)	84.37	-2	(\$273,012)	9854.6	
	-3	(\$2,119,800)	83.17	-3	(\$409,518)	9869.2	
	-4	(\$2,826,400)	81.98	-4	(\$546,024)	9883.9	
	-5	(\$3,533,000)	80.78	-5	(\$682,530)	9898.5	
	-6	(\$4,239,600)	79.59	-6	(\$819,035)	9913.2	
	-7	(\$4,946,200)	78.40	-7	(\$955,541)	9927.8	
	-8	(\$5,652,800)	77.20	-8	(\$1,092,047)	9942.5	
	-9	(\$6,359,400)	76.01	-9	(\$1,228,553)	9957.2	
	-10	(\$7,066,000)	74.82	-10	(\$1,365,059)	9971.8	

Equivalent Availability
Weighting Factor:

3.51%

Heat Rate
Weighting Factor:

2.71%

Issued by: Progress Energy Florida

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

GENERATING PERFORMANCE INCENTIVE POINTS TABLE

Progress Energy Florida
 January 2002 - December 2002
 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	\$6,745,000	71.66	10	\$1,771,167	9323.1
9	\$6,070,500	71.00	9	\$1,594,051	9345.2
8	\$5,396,000	70.35	8	\$1,416,934	9367.3
7	\$4,721,500	69.70	7	\$1,239,817	9389.4
6	\$4,047,000	69.05	6	\$1,062,700	9411.5
5	\$3,372,500	68.40	5	\$885,584	9433.6
4	\$2,698,000	67.74	4	\$708,467	9455.7
3	\$2,023,500	67.09	3	\$531,350	9477.8
2	\$1,349,000	66.44	2	\$354,233	9499.9
**** 1.986	\$1,339,262	66.43	1	\$177,117	9522.0
1	\$674,500	65.79	0	\$0	9544.1
	\$0	65.14	0	\$0	9619.1
0	\$0	65.14	0.000	\$0	9656.1
	\$0	65.14	0	\$0	9694.1
-1	(\$883,400)	63.91	-1	(\$177,117)	9716.2
-2	(\$1,766,800)	62.69	-2	(\$354,233)	9738.3
-3	(\$2,650,200)	61.46	-3	(\$531,350)	9760.4
-4	(\$3,533,600)	60.23	-4	(\$708,467)	9782.5
-5	(\$4,417,000)	59.01	-5	(\$885,584)	9804.6
-6	(\$5,300,400)	57.78	-6	(\$1,062,700)	9826.7
-7	(\$6,183,800)	56.56	-7	(\$1,239,817)	9848.8
-8	(\$7,067,200)	55.33	-8	(\$1,416,934)	9870.9
-9	(\$7,950,600)	54.11	-9	(\$1,594,051)	9893.0
-10	(\$8,834,000)	52.88	-10	(\$1,771,167)	9915.1

Equivalent Availability
 Weighting Factor:

13.39%

Heat Rate
 Weighting Factor:

3.51%

Issued by: Progress Energy Florida

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

GENERATING PERFORMANCE INCENTIVE POINTS TABLE

Progress Energy Florida
 January 2002 - December 2002
 Unit: Crystal River 3

Equivalent Availability (Points)	Fuel Savings/Loss (\$)	Equivalent Availability (%)	Average Heat Rate (Points)	Fuel Savings/Loss (\$)	Average Heat Rate (BTU/KWH)	
****	10.000	\$3,938,000	98.64	10	\$5,485,663	10095.9
	10	\$3,938,000	98.00	9	\$4,937,097	10107.1
	9	\$3,544,200	97.82	8	\$4,388,531	10118.3
	8	\$3,150,400	97.64	7	\$3,839,964	10129.5
	7	\$2,756,600	97.46	6	\$3,291,398	10140.8
	6	\$2,362,800	97.28	5	\$2,742,832	10152.0
	5	\$1,969,000	97.10	4	\$2,194,265	10163.2
	4	\$1,575,200	96.92	3	\$1,645,699	10174.4
	3	\$1,181,400	96.74	2	\$1,097,133	10185.6
	2	\$787,600	96.56	1	\$548,566	10196.8
	1	\$393,800	96.39	0	\$0	10208.1
		\$0	96.21	0	\$0	10283.1
	0	\$0	96.21	0.000	\$0	10288.0
		\$0	96.21	0	\$0	10358.1
	-1	(\$671,800)	95.84	-1	(\$548,566)	10369.3
	-2	(\$1,343,600)	95.47	-2	(\$1,097,133)	10380.5
	-3	(\$2,015,400)	95.10	-3	(\$1,645,699)	10391.7
	-4	(\$2,687,200)	94.73	-4	(\$2,194,265)	10402.9
	-5	(\$3,359,000)	94.36	-5	(\$2,742,832)	10414.1
	-6	(\$4,030,800)	93.99	-6	(\$3,291,398)	10425.4
	-7	(\$4,702,600)	93.62	-7	(\$3,839,964)	10436.6
	-8	(\$5,374,400)	93.25	-8	(\$4,388,531)	10447.8
	-9	(\$6,046,200)	92.88	-9	(\$4,937,097)	10459.0
	-10	(\$6,718,000)	92.51	-10	(\$5,485,663)	10470.2

Equivalent Availability
 Weighting Factor:

 7.81%

Heat Rate
 Weighting Factor:

 10.89%

Issued by: Progress Energy Florida

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

GENERATING PERFORMANCE INCENTIVE POINTS TABLE

Progress Energy Florida
January 2002 - December 2002
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	\$2,615,000	78.14	10	\$2,703,503	9186.9
9	\$2,353,500	77.97	9	\$2,433,153	9202.0
8	\$2,092,000	77.81	8	\$2,162,802	9217.1
7	\$1,830,500	77.64	7	\$1,892,452	9232.2
6	\$1,569,000	77.48	6	\$1,622,102	9247.3
5	\$1,307,500	77.31	5	\$1,351,751	9262.4
4	\$1,046,000	77.15	4	\$1,081,401	9277.5
3	\$784,500	76.98	3	\$811,051	9292.7
2	\$523,000	76.82	2	\$540,701	9307.8
1	\$261,500	76.65	1	\$270,350	9322.9
	\$0	76.48	0	\$0	9338.0
0	\$0	76.48	0	\$0	9413.0
	\$0	76.48	0.000	\$0	9441.4
****	-0.688	(\$326,271)	0	\$0	9488.0
	-1	(\$474,000)	-1	(\$270,350)	9503.1
	-2	(\$948,000)	-2	(\$540,701)	9518.2
	-3	(\$1,422,000)	-3	(\$811,051)	9533.3
	-4	(\$1,896,000)	-4	(\$1,081,401)	9548.5
	-5	(\$2,370,000)	-5	(\$1,351,751)	9563.6
	-6	(\$2,844,000)	-6	(\$1,622,102)	9578.7
	-7	(\$3,318,000)	-7	(\$1,892,452)	9593.8
	-8	(\$3,792,000)	-8	(\$2,162,802)	9608.9
	-9	(\$4,266,000)	-9	(\$2,433,153)	9624.0
	-10	(\$4,740,000)	-10	(\$2,703,503)	9639.1

Equivalent Availability
Weighting Factor:

5.19%

Heat Rate
Weighting Factor:

5.36%

Issued by: Progress Energy Florida

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

GENERATING PERFORMANCE INCENTIVE POINTS TABLE

Progress Energy Florida
January 2002 - December 2002
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	\$2,833,000	98.51	10	\$3,668,376	9137.1	
	10	\$2,833,000	97.09	9	\$3,301,539	9153.5	
	9	\$2,549,700	96.83	8	\$2,934,701	9169.9	
	8	\$2,266,400	96.58	7	\$2,567,864	9186.2	
	7	\$1,983,100	96.32	6	\$2,201,026	9202.6	
	6	\$1,699,800	96.06	5	\$1,834,188	9218.9	
	5	\$1,416,500	95.81	4	\$1,467,351	9235.3	
	4	\$1,133,200	95.55	3	\$1,100,513	9251.6	
	3	\$849,900	95.29	2	\$733,675	9268.0	
	2	\$566,600	95.04	1	\$366,838	9284.3	
	1	\$283,300	94.78	0	\$0	9300.7	
		\$0	94.52	0	\$0	9375.7	
	0	\$0	94.52	0	\$0	9450.7	
		\$0	94.52	-0.774	(\$283,925)	9463.3	****
	-1	(\$676,000)	94.00	-1	(\$366,838)	9467.0	
	-2	(\$1,352,000)	93.48	-2	(\$733,675)	9483.4	
	-3	(\$2,028,000)	92.95	-3	(\$1,100,513)	9499.7	
	-4	(\$2,704,000)	92.43	-4	(\$1,467,351)	9516.1	
	-5	(\$3,380,000)	91.91	-5	(\$1,834,188)	9532.5	
	-6	(\$4,056,000)	91.39	-6	(\$2,201,026)	9548.8	
	-7	(\$4,732,000)	90.86	-7	(\$2,567,864)	9565.2	
	-8	(\$5,408,000)	90.34	-8	(\$2,934,701)	9581.5	
	-9	(\$6,084,000)	89.82	-9	(\$3,301,539)	9597.9	
	-10	(\$6,760,000)	89.30	-10	(\$3,668,376)	9614.2	

Equivalent Availability
Weighting Factor:

5.62%

Heat Rate
Weighting Factor:

7.28%

Issued by: Progress Energy Florida

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

GENERATING PERFORMANCE INCENTIVE POINTS TABLE

Progress Energy Florida
 January 2002 - December 2002
 Unit: Tiger Bay

Equivalent Availability (Points)	Fuel Savings/Loss (\$)	Equivalent Availability (%)	Average Heat Rate (Points)	Fuel Savings/Loss (\$)	Average Heat Rate (BTU/KWH)
10	\$3,404,000	83.22	10	\$1,823,386	7782.5
9	\$3,063,600	82.93	9	\$1,641,047	7823.4
8	\$2,723,200	82.64	8	\$1,458,708	7864.3
7	\$2,382,800	82.35	7	\$1,276,370	7905.3
**** 6.226	\$2,119,336	82.12	6	\$1,094,031	7946.2
6	\$2,042,400	82.06	5	\$911,693	7987.1
5	\$1,702,000	81.76	4	\$729,354	8028.1
4	\$1,361,600	81.47	3	\$547,016	8069.0
3	\$1,021,200	81.18	2	\$364,677	8109.9
2	\$680,800	80.89	1	\$182,339	8150.9
1	\$340,400	80.60	0	\$0	8191.8
	\$0	80.31	0	\$0	8266.8
0	\$0	80.31	0.000	\$0	8312.9
	\$0	80.31	0	\$0	8341.8
-1	(\$97,400)	79.72	-1	(\$182,339)	8382.7
-2	(\$194,800)	79.14	-2	(\$364,677)	8423.7
-3	(\$292,200)	78.56	-3	(\$547,016)	8464.6
-4	(\$389,600)	77.98	-4	(\$729,354)	8505.5
-5	(\$487,000)	77.40	-5	(\$911,693)	8546.5
-6	(\$584,400)	76.82	-6	(\$1,094,031)	8587.4
-7	(\$681,800)	76.24	-7	(\$1,276,370)	8628.3
-8	(\$779,200)	75.66	-8	(\$1,458,708)	8669.3
-9	(\$876,600)	75.08	-9	(\$1,641,047)	8710.2
-10	(\$974,000)	74.49	-10	(\$1,823,386)	8751.1

Equivalent Availability
 Weighting Factor:

 6.76%

Heat Rate
 Weighting Factor:

 3.62%

Issued by: Progress Energy Florida

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

ACTUAL UNIT PERFORMANCE DATA

Progress Energy Florida

Anclole 1	Jan-02	Feb-02	Mar-02	Apr-02	May-02	Jun-02	Jul-02	Aug-02	Sep-02	Oct-02	Nov-02	Dec-02	Jan-Dec Period
1. EAF	98.96	99.42	97.59	95.31	94.56	96.35	96.14	95.63	96.28	93.72	24.36	99.49	90.72
2. PH	744	672	744	719	744	720	744	744	720	745	720	744	8760
3. SH	244.6	130.4	744.0	719.0	743.5	720.0	744.0	743.2	720.0	745.0	200.4	744.0	7198.0
4. RSH	495.5	541.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1037.1
5. UH	3.9	0.0	0.0	0.0	0.5	0.0	0.0	0.8	0.0	0.0	519.7	0.0	525.0
6. POH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	512.3	0.0	512.3
7. FOH	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.0	7.4	0.0	12.1
8. MOH	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5
9. PFOH	62.2	2.1	0.0	13.3	5.5	0.2	45.8	34.5	4.0	107.5	48.4	0.3	323.8
10. LR PF (MW) **	6.4	198.3	0.0	56.2	62.0	108.4	61.8	36.9	33.0	62.1	256.0	254.5	78.1
11. PMOH	10.1	10.0	56.2	105.7	123.1	82.3	72.3	91.2	83.1	104.5	0.0	11.4	749.9
12. LR PM (MW)	147.7	153.5	159.0	151.7	159.0	159.0	158.7	159.0	159.0	159.0	0.0	159.0	157.7
13. NSC (MW)	498	498	498	498	498	498	498	498	498	498	498	498	498
14. OPER MBTU	672363	298647	2074458	2067207	2189147	2000672	2108750	2155645	2314376	2425228	290698	1340085	19937277
15. NET GEN (MWH)	67611	25628	207568	207767	213455	195737	203951	204314	226209	237450	22553	122120	1934363
16. ANOHR (BTU/KWH)	9944.6	11653.2	9994.1	9949.6	10255.8	10221.2	10339.5	10550.6	10231.1	10213.6	12889.6	10973.5	10306.9
17. NOF (%)	55.50	39.47	56.02	58.03	57.65	54.59	55.05	55.21	63.09	64.00	22.60	32.96	53.96
18. NPC (MW)	498	498	498	498	498	498	498	498	498	498	498	498	498

ANOHR EQUATION: ANOHR= -15.471 x NOF + 10938.9

Issued by: Progress Energy Florida

** January SH and RSH were revised after the January 2003 monthly data filing. This revision involved a shift of 0.6 hours between SH and RSH, which also impacts January NOF and annual SH and RSH. There was no impact to annual NOF.

ACTUAL UNIT PERFORMANCE DATA

Progress Energy Florida

Anclole 2	Jan-02	Feb-02	Mar-02	Apr-02	May-02	Jun-02	Jul-02	Aug-02	Sep-02	Oct-02	Nov-02	Dec-02	Jan-Dec Period
1. EAF	98.95	99.34	91.34	97.55	94.16	96.25	97.91	97.05	97.66	97.21	99.39	98.65	97.10
2. PH	744	672	744	719	744	720	744	744	720	745	720	744	8760
3. SH	698.5	672.0	501.4	719.0	744.0	720.0	744.0	744.0	720.0	745.0	720.0	520.1	8248.0
4. RSH	45.5	0.0	192.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	223.9	461.8
5. UH	0.0	0.0	50.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	50.2
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	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	50.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	50.2
9. PFOH	0.4	0.0	4.0	0.7	9.5	0.0	9.3	7.6	0.0	0.0	0.0	2.7	34.1
10. LR PF (MW)	484.7	0.0	229.1	251.9	71.7	0.0	91.5	285.1	0.0	0.0	0.0	251.8	165.9
11. PMOH	25.1	10.5	39.2	54.8	133.5	85.6	44.2	55.9	53.5	65.9	11.7	25.7	605.5
12. LR PM (MW)	145.0	207.8	156.0	156.0	156.0	156.0	155.5	155.8	156.0	156.0	185.4	167.4	157.4
13. NSC (MW)	495	495	495	495	495	495	495	495	495	495	495	495	495
14. OPER MBTU	1726553	1165516	1455542	2078806	2179060	1961400	2137088	2036123	2314749	2464877	1717443	1008517	22245675
15. NET GEN (MWH)	173090	114584	147324	210986	213512	195578	205548	198801	231159	247009	166156	96850	2200597
16. ANOHR (BTU/KWH)	9974.9	10171.7	9879.9	9852.8	10205.8	10028.7	10397.0	10242.0	10013.7	9978.9	10336.3	10413.2	10108.9
17. NOF (%)	50.06	34.45	59.36	59.28	57.98	54.88	55.81	53.98	64.86	66.98	46.62	37.62	53.90
18. NPC (MW)	495	495	495	495	495	495	495	495	495	495	495	495	495
ANOHR EQUATION:	ANOHR=	-18.331	x NOF +	11062.7									

Issued by: Progress Energy Florida

ACTUAL UNIT PERFORMANCE DATA

Progress Energy Florida

Bartow 3	Jan-02	Feb-02	Mar-02	Apr-02	May-02	Jun-02	Jul-02	Aug-02	Sep-02	Oct-02	Nov-02	Dec-02	Jan-Dec Period
1. EAF	98.00	87.13	21.38	95.21	87.57	92.68	97.34	85.91	97.18	95.97	97.10	96.92	87.62
2. PH	744	672	744	719	744	720	744	744	720	745	720	744	8760
3. SH	586.4	625.2	116.0	712.3	678.2	681.7	744.0	669.2	720.0	745.0	720.0	744.0	7742.0
4. RSH	157.6	0.0	45.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	202.9
5. UH	0.0	46.9	582.8	6.7	65.9	38.3	0.0	74.8	0.0	0.0	0.0	0.0	815.2
6. POH	0.0	13.5	539.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	553.2
7. FOH	0.0	33.4	43.0	3.3	0.0	38.3	0.0	74.8	0.0	0.0	0.0	0.0	192.7
8. MOH	0.0	0.0	0.0	3.4	65.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	69.2
9. PFOH	539.7	88.5	0.0	0.0	96.1	0.0	7.8	0.5	0.0	6.7	0.0	0.0	739.2
10. LR PF (MW)	1.3	46.9	0.0	0.0	14.0	0.0	14.0	153.8	0.0	34.0	0.0	0.0	9.0
11. PMOH	18.9	32.8	5.7	50.3	36.1	26.1	35.3	54.4	36.3	53.1	38.4	41.0	428.2
12. LR PM (MW)	121.9	119.8	78.8	112.8	113.3	112.7	111.3	111.3	114.1	111.1	110.7	113.9	112.8
13. NSC (MW)	204	204	204	204	204	204	204	204	204	204	204	204	204
14. OPER MBTU	761752	726495	147004	1068657	993741	1000269	1082981	999820	1110807	1173773	917706	853012	10836017
15. NET GEN (MWH)	75037	69508	14650	107163	99322	99840	107902	94164	111267	117242	94236	88075	1078406
16. ANOHR (BTU/KWH)	10151.7	10452.0	10034.4	9972.3	10005.2	10018.7	10036.7	10617.9	9983.3	10011.5	9738.4	9685.1	10048.2
17. NOF (%)	62.73	54.50	61.92	73.74	71.79	71.79	71.09	68.97	75.75	77.14	64.16	58.03	68.28
18. NPC (MW)	204	204	204	204	204	204	204	204	204	204	204	204	204
ANOHR EQUATION:	ANOHR=	-11.726	x NOF +	10894.3									

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ACTUAL UNIT PERFORMANCE DATA

Progress Energy Florida

Crystal River 1	Jan-02	Feb-02	Mar-02	Apr-02	May-02	Jun-02	Jul-02	Aug-02	Sep-02	Oct-02	Nov-02	Dec-02	Jan-Dec Period
1. EAF	99.16	99.94	92.72	98.47	97.96	67.50	87.82	96.19	83.61	98.30	98.06	95.17	92.92
2. PH	744	672	744	719	744	720	744	744	720	745	720	744	8760
3. SH	744.0	672.0	691.1	719.0	744.0	498.0	669.0	744.0	628.5	745.0	720.0	744.0	8318.5
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	0.0	52.9	0.0	0.0	222.1	75.0	0.0	91.5	0.0	0.0	0.0	441.5
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	0.0	0.0	0.0	0.0	0.0	222.1	75.0	0.0	91.5	0.0	0.0	0.0	388.6
8. MOH	0.0	0.0	52.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	52.9
9. PFOH	14.0	0.0	8.3	3.8	36.0	1.5	53.6	54.3	26.6	0.9	23.8	0.0	222.8
10. LR PF (MW)	169.0	0.0	59.0	77.9	159.8	75.0	42.4	118.4	231.5	55.6	119.4	0.0	120.2
11. PMOH	0.0	6.7	0.0	87.9	0.0	39.2	36.2	24.7	23.4	39.1	11.0	111.9	380.1
12. LR PM (MW)	0.0	22.0	0.0	44.3	0.0	112.9	100.5	174.7	166.0	121.3	222.7	121.8	108.2
13. NSC (MW)	379	379	379	379	379	379	379	379	379	379	379	379	379
14. OPER MBTU	2031544	1887377	2157932	2247814	2301237	1511616	2041019	2304801	1948432	2536606	2145261	2164089	25277727
15. NET GEN (MWH)	208234	194135	224212	233824	234962	152038	204735	231041	195239	260494	219216	221302	2579432
16. ANOHR (BTU/KWH)	9756.1	9722.0	9624.5	9613.3	9794.1	9942.4	9969.1	9975.7	9979.7	9737.7	9786.1	9778.9	9799.7
17. NOF (%)	73.85	76.22	85.60	85.81	83.33	80.56	80.75	81.94	81.96	92.26	80.33	78.48	81.82
18. NPC (MW)	379	379	379	379	379	379	379	379	379	379	379	379	379
ANOHR EQUATION:	ANOHR=	-6.335	x NOF +	10342.9									

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ACTUAL UNIT PERFORMANCE DATA

Progress Energy Florida

Crystal River 2	Jan-02	Feb-02	Mar-02	Apr-02	May-02	Jun-02	Jul-02	Aug-02	Sep-02	Oct-02	Nov-02	Dec-02	Jan-Dec Period
1. EAF	80.28	94.69	68.15	92.53	87.43	83.52	93.84	96.95	51.52	85.87	85.59	83.36	83.61
2. PH	744	672	744	719	744	720	744	744	720	745	720	744	8760
3. SH	674.5	672.0	557.6	719.0	667.2	618.1	741.4	744.0	393.1	745.0	720.0	744.0	7995.8
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	69.5	0.0	186.4	0.0	76.8	101.9	2.6	0.0	326.9	0.0	0.0	0.0	764.2
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	110.1	0.0	0.0	101.9	2.6	0.0	326.9	0.0	0.0	0.0	541.6
8. MOH	69.5	0.0	76.3	0.0	76.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	222.6
9. PFOH	179.1	262.0	93.8	122.3	45.3	13.4	73.5	42.2	34.6	731.0	775.9	22.9	2396.0
10. LR PF (MW)	78.4	50.7	167.7	170.8	105.0	133.0	195.9	171.3	208.2	61.0	59.9	67.0	80.1
11. PMOH	309.3	76.9	106.7	20.6	17.5	26.1	86.0	36.3	21.7	57.9	75.0	410.6	1244.5
12. LR PM (MW)	75.9	52.8	82.9	254.0	193.3	242.8	76.5	105.0	163.5	113.7	52.2	142.8	108.0
13. NSC (MW)	486	486	486	486	486	486	486	486	486	486	486	486	486
14. OPER MBTU	2237293	2419906	1875621	2676094	2689073	2356882	2808389	2942007	1531591	2856694	2518087	2568877	29480514
15. NET GEN (MWH)	231525	253827	189885	274596	275375	240122	283020	295124	150404	289458	257035	263741	3004112
16. ANOHR (BTU/KWH)	9663.3	9533.7	9877.7	9745.6	9765.1	9815.4	9922.9	9968.7	10183.2	9869.1	9796.7	9740.1	9813.4
17. NOF (%)	70.63	77.72	70.07	78.58	84.92	79.94	78.55	81.62	78.73	79.95	73.46	72.94	77.31
18. NPC (MW)	486	486	486	486	486	486	486	486	486	486	486	486	486

ANOHR EQUATION: ANOHR= -10.021 x NOF + 10551.1

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** December PFOH and LR PF (MW) were revised after the January 2003 monthly data filing. This revision also impacts December EAF and annual EAF, PFOH and LR PF (MW).

ACTUAL UNIT PERFORMANCE DATA

Progress Energy Florida

Crystal River 3	Jan-02	Feb-02	Mar-02	Apr-02	May-02	Jun-02	Jul-02	Aug-02	Sep-02	Oct-02	Nov-02	Dec-02	Jan-Dec Period
1. EAF	100.00	100.00	100.00	100.00	94.73	99.99	100.00	100.00	99.96	99.90	89.10	100.00	98.64
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	717.4	720.0	744.0	744.0	720.0	745.0	679.0	744.0	8692.4
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	0.0	0.0	0.0	26.6	0.0	0.0	0.0	0.0	0.0	41.0	0.0	67.6
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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	41.0	0.0	41.0
8. MOH	0.0	0.0	0.0	0.0	26.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	26.6
9. PFOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.5	50.2	0.0	60.7
10. LR PF (MW)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	53.5	150.5	0.0	133.7
11. PMOH	0.0	0.0	0.0	0.0	38.3	6.0	0.0	0.0	7.2	0.0	171.9	0.0	223.4
12. LR PM (MW)	0.0	0.0	0.0	0.0	251.8	12.1	0.0	0.0	28.0	0.0	123.1	0.0	139.1
13. NSC (MW) **	765	765	765	765	765	765	765	765	765	765	765	765	765
14. OPER MBTU	5923217	5347366	5921051	5731382	5739545	5735772	5928931	5929199	5734669	5927420	5103738	5928018	68950308
15. NET GEN (MWH)	579868	524292	580019	558027	545308	555651	571233	571147	555341	577656	499133	582592	6700267
16. ANOHR (BTU/KWH)	10214.8	10199.2	10208.4	10270.8	10525.3	10322.6	10379.2	10381.2	10326.4	10261.2	10225.2	10175.2	10290.7
17. NOF (%)	101.88	101.99	101.91	101.45	99.36	100.88	100.36	100.35	100.82	101.36	96.09	102.36	100.76
18. NPC (MW)	765	765	765	765	765	765	765	765	765	765	765	765	765
ANOHR EQUATION:	ANOHR=	-8.146	x NOF +	11106.6									

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ACTUAL UNIT PERFORMANCE DATA

Progress Energy Florida

Crystal River 4	Jan-02	Feb-02	Mar-02	Apr-02	May-02	Jun-02	Jul-02	Aug-02	Sep-02	Oct-02	Nov-02	Dec-02	Jan-Dec Period
1. EAF	97.92	99.50	26.13	0.00	36.73	96.75	93.39	99.54	99.83	93.64	99.90	99.92	78.49
2. PH	744	672	744	719	744	720	744	744	720	745	720	744	8760
3. SH	744.0	672.0	195.1	0.0	311.4	708.9	696.2	744.0	720.0	710.3	720.0	744.0	6965.9
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	548.9	719.0	432.6	11.1	47.8	0.0	0.0	34.7	0.0	0.0	1794.1
6. POH	0.0	0.0	548.9	719.0	278.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1546.1
7. FOH	0.0	0.0	0.0	0.0	105.5	11.1	47.8	0.0	0.0	34.7	0.0	0.0	199.1
8. MOH	0.0	0.0	0.0	0.0	48.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	48.9
9. PFOH	12.0	19.4	7.5	0.0	0.0	53.7	7.3	4.6	21.4	54.3	0.8	3.6	184.6
10. LR PF (MW)	589.4	124.7	70.0	0.0	0.0	165.1	132.2	92.1	40.7	147.1	78.1	118.0	160.4
11. PMOH	10.4	0.0	0.0	0.0	63.3	0.0	0.0	22.5	0.0	9.0	3.0	0.0	108.2
12. LR PM (MW)	388.1	0.0	0.0	0.0	434.0	0.0	0.0	92.0	0.0	132.2	149.0	0.0	325.5
13. NSC (MW)	720	720	720	720	720	720	720	720	720	720	720	720	720
14. OPER MBTU	3654646	3107193	1169282	0	1185949	4142774	4150764	4588858	4628464	4401150	4316659	4303088	39648825
15. NET GEN (MWH)	377504	322166	124243	0	112674	445675	445289	486551	495120	472657	455580	457342	4194801
16. ANOHR (BTU/KWH)	9681.1	9644.7	9411.3	0.0	10525.5	9295.5	9321.5	9431.4	9348.2	9311.5	9475.1	9408.9	9451.9
17. NOF (%)	70.47	66.59	88.45	0.00	50.25	87.32	88.83	90.83	95.51	92.42	87.88	85.38	83.64
18. NPC (MW)	720	720	720	720	720	720	720	720	720	720	720	720	720
ANOHR EQUATION:	ANOHR=	-5.064 x NOF + 9847.0											

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ACTUAL UNIT PERFORMANCE DATA

Progress Energy Florida

Crystal River 5	Jan-02	Feb-02	Mar-02	Apr-02	May-02	Jun-02	Jul-02	Aug-02	Sep-02	Oct-02	Nov-02	Dec-02	Jan-Dec Period
1. EAF	99.64	100.00	99.94	99.93	96.92	99.70	95.89	99.18	99.89	13.06	43.59	99.81	87.20
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	742.8	720.0	717.2	744.0	720.0	97.3	313.8	744.0	7678.1
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	1.2	0.0	26.8	0.0	0.0	647.7	406.2	0.0	1081.9
6. POH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	647.7	358.2	0.0	1006.0
7. FOH	0.0	0.0	0.0	0.0	1.2	0.0	26.8	0.0	0.0	0.0	47.9	0.0	76.0
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	2.6	0.0	0.8	2.1	156.1	3.6	0.0	57.1	19.6	0.0	0.0	11.5	253.3
10. LR PF (MW)	411.5	0.0	420.6	166.1	87.0	431.6	0.0	76.7	30.1	0.0	0.0	88.8	90.3
11. PMOH	12.1	0.0	0.0	0.0	5.8	0.0	22.4	0.0	0.0	0.0	0.0	0.0	40.2
12. LR PM (MW)	71.0	0.0	0.0	0.0	336.1	0.0	120.2	0.0	0.0	0.0	0.0	0.0	136.8
13. NSC (MW)	717	717	717	717	717	717	717	717	717	717	717	717	717
14. OPER MBTU	3942224	3316053	4375731	4504238	4344707	4203579	4333360	4480222	4550885	574374	1497133	4346596	44469100
15. NET GEN (MWH)	409143	345746	466781	475181	451453	442899	459256	475083	481997	62027	153286	464470	4687322
16. ANOHR (BTU/KWH)	9635.3	9591.0	9374.3	9479.0	9623.8	9491.1	9435.6	9430.4	9441.7	9260.1	9766.9	9358.2	9487.1
17. NOF (%)	76.70	71.76	87.50	92.17	84.77	85.79	89.31	89.06	93.37	88.94	68.12	87.07	85.14
18. NPC (MW)	717	717	717	717	717	717	717	717	717	717	717	717	717
ANOHR EQUATION:	ANOHR=	-4.720	x NOF +	9801.3									

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ACTUAL UNIT PERFORMANCE DATA

Progress Energy Florida

Tiger Bay	Jan-02	Feb-02	Mar-02	Apr-02	May-02	Jun-02	Jul-02	Aug-02	Sep-02	Oct-02	Nov-02	Dec-02	Jan-Dec Period
1. EAF	95.39	100.00	38.49	92.98	100.00	98.74	96.24	99.50	98.28	61.18	100.00	100.00	89.90
2. PH	744	672	744	719	744	720	744	744	720	745	720	744	8760
3. SH	709.7	672.0	286.4	669.3	744.0	710.9	716.0	742.7	708.0	464.7	720.0	744.0	7887.7
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	34.3	0.0	457.6	49.7	0.0	9.1	28.0	1.3	12.0	280.3	0.0	0.0	872.3
6. POH	0.0	0.0	457.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	457.6
7. FOH	34.3	0.0	0.0	4.8	0.0	9.1	28.0	1.3	12.0	2.4	0.0	0.0	91.9
8. MOH	0.0	0.0	0.0	44.9	0.0	0.0	0.0	0.0	0.0	277.9	0.0	0.0	322.8
9. PFOH	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	1.3
10. LR PF (MW)	0.0	0.0	0.0	199.0	0.0	0.0	0.0	0.0	182.3	0.0	0.0	0.0	193.0
11. PMOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.4	0.0	9.6	0.0	0.0	12.0
12. LR PM (MW)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	207.3	0.0	190.9	0.0	0.0	194.2
13. NSC (MW)	207	207	207	207	207	207	207	207	207	207	207	207	207
14. OPER MBTU	957345	857613	416591	964718	1028100	994984	973008	1077232	990339	654641	1038361	1034172	10987103
15. NET GEN (MWH)	124067	109266	50603	125115	135461	127566	128747	133894	128376	82584	134918	132109	1412706
16. ANOHR (BTU/KWH)	7716.4	7848.9	8232.5	7710.6	7589.6	7799.8	7557.5	8045.4	7714.4	7927.0	7696.2	7828.2	7777.3
17. NOF (%)	84.45	78.55	85.36	90.30	87.96	86.68	86.87	87.09	87.60	85.85	90.52	85.78	86.52
18. NPC (MW)	207	207	207	207	207	207	207	207	207	207	207	207	207
ANOHR EQUATION: ANOHR= -36.715 x NOF + 10907.9													

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PLANNED OUTAGE SCHEDULES
ACTUAL

Progress Energy Florida
January 2002 - December 2002

<u>Plant/Unit</u>	<u>Planned Outage Dates</u>	<u>Reason for Outage</u>
Anclole 1	11/02 (0001) - 11/22 (2400)	Boiler Inspection
Bartow 3	2/28 (0001) - 3/22 (2400)	Turbine Outage
Crystal River 4	3/09 (0001) - 5/11 (2400)	Major Boiler Outage
Crystal River 5	10/05 (0001) - 11/15 (2400)	Major Boiler & Turbine Outage
Tiger Bay	3/09 (0001) - 3/27 (2400)	Turbine Outage

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

Planned Outage Schedule - Actual

Progress Energy Florida
January 2002 - December 2002

	January	February	March	April	May	June	July	August	September	October	November	December
Anclote 1											Boiler Inspection 11/02 [redacted] 11/22 21 days	
Bartow 3			Turbine Outage 2/28 [redacted] 3/22 23 days									
Crystal River 4				Major Boiler Outage 3/09 [redacted] 5/11 64 days								
Crystal River 5										Major Boiler & Turbine Outage 10/05 [redacted] 11/15 42 days		
Tiger Bay			Turbine Outage 3/09 [redacted] 3/27 19 days									