

ORIGINAL

**Florida  
Power**  
CORPORATION

**JAMES A. MCGEE**  
SENIOR COUNSEL

March 31, 2000

Ms. Blanca S. Bayó, Director  
Division of Records and Reporting  
Florida Public Service Commission  
2540 Shumard Oak Boulevard  
Tallahassee, Florida 32399-0850

Re: Docket No. 000001-EI

Dear Ms. Bayó:

Enclosed for filing in the subject docket are an original and ten copies of the direct testimony and exhibits of Rebecca J. McClintock for the GPIF reward/penalty periods June through December 1999.

Please acknowledge your receipt of the above filing on the enclosed copy of this letter and return to the undersigned. Thank you for your assistance in this matter.

Very truly yours,

James A. McGee

JAM/kbd  
Enclosure

cc: Parties of record

GENERAL OFFICE

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A Florida Progress Company

DOCUMENT NUMBER - DATE  
04037 APR -38

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

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In re: Fuel and purchased power  
cost recovery clause and  
generating performance  
incentive factor.

Docket No. 000001-EI

Submitted for filing:  
March 31, 2000

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**CERTIFICATE OF SERVICE**

I HEREBY CERTIFY that a true copy of the direct testimony and exhibits of Rebecca J. McClintock for the GPIF reward/penalty periods of January through December 1999 has been furnished to the following individuals by regular U.S. Mail the 31st day of March, 2000:

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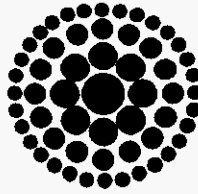
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ATTORNEY



**Florida  
Power**  
CORPORATION

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**BEFORE THE  
FLORIDA PUBLIC SERVICE COMMISSION**

**DOCKET No. 000001-EI**

**GPIF REWARD/PENALTY AMOUNT  
JANUARY THROUGH DECEMBER 1999**

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**DIRECT TESTIMONY  
AND EXHIBITS OF**

**REBECCA J. McCLINTOCK**

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**For Filing April 3, 2000**

DOCUMENT NUMBER-DATE

**04037 APR-38**

FPSC-RECORDS/REPORTING

**FLORIDA POWER CORPORATION**

**Docket No. 000001-EI**

**Re: GPIF Reward/Penalty Amount for  
January through December 1998**

**DIRECT TESTIMONY OF  
REBECCA J. McCLINTOCK**

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

2 A. My name is Rebecca J. McClintock. My business address is Post Office  
3 Box 14042, St. Petersburg, Florida 33733.  
4

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

6 A. I am employed by Florida Power Corporation as a Principal Engineer in  
7 Resource Planning, Financial Services.  
8

9 **Q. What are your responsibilities as Principal Engineer?**

10 A. As a Principal Engineer, I am responsible for compiling and reporting  
11 various operational statistics regarding the Company's generating system.  
12 In particular, my duties include the preparation of the information and  
13 material required by the Commission's GPIF mechanism.  
14

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

16 A. The purpose of my testimony is to describe the calculation of the Company's  
17 Generation Performance Incentive Factor (GPIF) reward/penalty amount for  
18 the period of January through December 1999. This was developed by

1 comparing the actual performance of the Company's seven GPIF generating  
2 units to the approved targets set for these units prior to the period.

3  
4 **Q. Do you have an exhibit to your testimony in this proceeding?**

5 A. Yes, under my direction an exhibit (RJM-1) has been prepared consisting  
6 of the numbered sheets which are attached to my prepared testimony. The  
7 exhibit contains the schedules required by the GPIF Implementation  
8 Manual, which support the development of the incentive amount. I have  
9 also included other data forms to supplement the required schedules.

10  
11 **Q. What GPIF incentive amount have you calculated for this period?**

12 A. I have calculated the Company's GPIF incentive amount to be a reward of  
13 \$2,597,148. This amount was developed in a manner consistent with the  
14 GPIF Implementation Manual. Sheet 1 of my exhibit shows the calculation  
15 of system GPIF points and the corresponding reward. The summary of  
16 weighted incentive points earned by each individual unit can be found on  
17 Sheet 3.

18  
19 **Q. How were the incentive points for equivalent availability and heat rate  
20 calculated for the individual GPIF units?**

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

1 the Generating Performance Incentive Points Table found on Sheets 8  
2 through 14 of my exhibit.

3  
4 **Q. Why is it necessary to make adjustments to the actual performance**  
5 **data 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  
8 as 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  
12 differences between target and actual planned outage hours, and are  
13 shown on Sheet 6 of my exhibit. The heat rate adjustments concern the  
14 differences between the target and actual Net Output Factor (NOF), and are  
15 shown on Sheet 7. The methodology for both the equivalent availability and  
16 heat rate adjustments are 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**  
20 **equivalent availability?**

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

1 Q. Does this conclude your testimony?

2 A. Yes.



## **GPIF REWARD/PENALTY SCHEDULES**

<b><u>Descriptive Title</u></b>	<b><u>Sheet</u></b>
• Reward/Penalty Table (Actual)	1
• Calculation of Maximum Incentive Dollars (Actual)	2
• Calculation of System Actual GPIF Points	3
• GPIF Unit Performance Summary	4
• Actual Unit Performance Data	5
• Adjustments to EAF Actual	6
• Adjustments to ANOHR Actual	7
• Generating Performance Incentive Points Table	8-14
• Actual Unit Performance Data	15-21
• Planned Outage Schedules (Actual)	22-23

## GENERATING PERFORMANCE INCENTIVE FACTOR

## REWARD/PENALTY TABLE

## ACTUAL

Company: Florida Power Corporation  
January, 1999 - December, 1999

Generating Performance Incentive Points (GPIF)	Fuel Saving/Loss (\$)	Generating Performance Incentive Factor (\$)
10	\$5,753,800	\$7,402,403
9	\$5,178,420	\$6,662,163
8	\$4,603,040	\$5,921,923
7	\$4,027,660	\$5,181,682
6	\$3,452,280	\$4,441,442
5	\$2,876,900	\$3,701,202
4	\$2,301,520	\$2,960,961
**** 3.509	\$2,018,732	\$2,597,148
3	\$1,726,140	\$2,220,721
2	\$1,150,760	\$1,480,481
1	\$575,380	\$740,240
0	\$0	\$0
-1	(\$701,860)	(\$740,240)
-2	(\$1,403,720)	(\$1,480,481)
-3	(\$2,105,580)	(\$2,220,721)
-4	(\$2,807,440)	(\$2,960,961)
-5	(\$3,509,300)	(\$3,701,202)
-6	(\$4,211,160)	(\$4,441,442)
-7	(\$4,913,020)	(\$5,181,682)
-8	(\$5,614,880)	(\$5,921,923)
-9	(\$6,316,740)	(\$6,662,163)
-10	(\$7,018,600)	(\$7,402,403)

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## GENERATION PERFORMANCE INCENTIVE FACTOR

## CALCULATION OF MAXIMUM ALLOWED INCENTIVE DOLLARS

COMPANY: FLORIDA POWER CORPORATION

FOR THE PERIOD OF:

January, 1999 - December, 1999

1	Beginning of period balance of common equity	\$ 1,820,097,695	
2	END OF MONTH BALANCE OF COMMON EQUITY:		
	Month of JANUARY 1999	\$1,846,258,600	
3	Month of FEBRUARY 1999	\$1,866,046,955	
4	Month of MARCH 1999	\$1,832,621,891	
5	Month of APRIL 1999	\$1,848,555,676	
6	Month of MAY 1999	\$1,872,818,636	
7	Month of JUNE 1999	\$1,847,952,023	
8	Month of JULY 1999	\$1,892,569,715	
9	Month of AUGUST 1999	\$1,934,392,460	
10	Month of SEPTEMBER 1999	\$1,918,676,860	
11	Month of OCTOBER 1999	\$1,943,434,496	
12	Month of NOVEMBER 1999	\$1,957,504,979	
13	Month of DECEMBER 1999	\$1,885,006,791	
14	Average common equity for the period (Summation of LINE 1 through LINE 4 divided by 4)	\$1,881,995,137	
15	25 Basis Points	0.0025	
16	Revenue Expansion Factor	61.3738%	
17	Maximum allowed incentive dollars (LINE 5 times LINE 6 divided by LINE 7)	\$7,666,118	
18	Jurisdictional Sales *	33,473,038	MWH
19	Total Sales *	34,664,184	MWH
20	Jurisdictional Separation Factor (LINE 9 divided by LINE 10)	96.56%	
21	Maximum allowed jurisdictional incentive dollars (LINE 8 times LINE 11)	\$7,402,403	
*	Net sales (Sales - Interruptible)		

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## CALCULATION OF SYSTEM ACTUAL GPIF POINTS

Company: Florida Power Corporation

Period of: Jan. 1999 - Dec. 1999

Plant/Unit	Performance Indicator EAF or ANOHR	Weighting Factor %	Unit Points	Weighted Unit Points
Ancloste 1	EAF	0.73	-10.000	-0.073
	ANOHR	4.43	-2.968	-0.132
Ancloste 2	EAF	0.15	-5.703	-0.008
	ANOHR	4.47	0.000	0.000
Crystal River 1	EAF	3.23	10.000	0.323
	ANOHR	7.28	0.000	0.000
Crystal River 2	EAF	6.02	9.565	0.576
	ANOHR	7.91	1.210	0.096
Crystal River 3	EAF	21.68	10.000	2.168
	ANOHR	12.73	4.518	0.575
Crystal River 4	EAF	3.93	10.000	0.393
	ANOHR	11.79	-1.602	-0.189
Crystal River 5	EAF	3.11	-7.093	-0.221
	ANOHR	12.54	0.000	0.000
GPIF System		100.00		3.509

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## GPIF UNIT PERFORMANCE SUMMARY

Company: Florida Power Corporation  
January, 1999 - December, 1999

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. (%)				
ANC. 1	0.73	83.83	85.25	80.93	41.9	(31.4)	80.10	(\$31.4)
ANC. 2	0.15	94.89	97.29	90.04	8.4	(30.8)	92.12	(\$17.6)
C.R. 1	3.23	76.16	79.49	69.48	185.8	(15.5)	79.85	\$185.8
C.R. 2	6.02	85.23	91.13	73.88	346.4	(285.9)	90.88	\$331.3
C.R. 3	21.68	80.35	83.78	73.39	1247.3	(2,413.1)	84.84	\$1,247.3
C.R. 4	3.93	90.17	93.86	82.79	226.4	(568.4)	94.08	\$226.4
C.R. 5	3.11	83.80	84.98	81.34	179.2	(155.1)	82.05	(\$110.0)
GPIF System	38.85				2235.4	(3,500.2)		\$1,831.8

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 (\$000)
				Min. (Btu/kwh)	Max. (Btu/kwh)				
ANC. 1	4.43	10006	53.5	9747	10265	255.1	(255.1)	10135.4	(\$75.7)
ANC. 2	4.47	9912	59.1	9619	10205	257.1	(257.1)	9933.5	\$0.0
C.R. 1	7.28	9841	82.9	9660	10021	418.6	(418.6)	9828.5	\$0.0
C.R. 2	7.91	9764	90.0	9614	9914	455.4	(455.4)	9679.9	\$55.1
C.R. 3	12.73	10404	100.3	10254	10554	732.5	(732.5)	10295.2	\$331.0
C.R. 4	11.79	9395	88.3	9242	9548	678.2	(678.2)	9482.6	(\$108.6)
C.R. 5	12.54	9330	97.2	9180	9480	721.5	(721.5)	9335.9	\$0.0
GPIF System	61.15					3518.4	(3,518.4)		\$201.7

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## ACTUAL UNIT PERFORMANCE DATA

Company: Florida Power Corporation  
 Period of: January 1999 - December 1999

PLANT/UNIT	ACTUAL EAF %	ADJUSTMENTS (1) TO EAF %	EAF ADJUSTED ACTUAL %
CRYSTAL RIVER 1	73.46	6.39	79.85
CRYSTAL RIVER 2	92.65	-1.77	90.88
CRYSTAL RIVER 3	85.59	-0.75	84.84
CRYSTAL RIVER 4	95.91	-1.83	94.08
CRYSTAL RIVER 5	80.04	2.01	82.05
ANCLOTE UNIT 1	78.95	1.15	80.10
ANCLOTE UNIT 2	92.12	0.00	92.12

PLANT/UNIT	ACTUAL ANOHR BTU/KWH	ADJUSTMENTS (2) TO ANOHR BTU/KWH	ANOHR ADJUSTED ACTUAL BTU/KWH
CRYSTAL RIVER 1	9882.6	-54.1	9828.5
CRYSTAL RIVER 2	9746.2	-66.3	9679.9
CRYSTAL RIVER 3	10255.2	40.0	10295.2
CRYSTAL RIVER 4	9499.8	-17.2	9482.6
CRYSTAL RIVER 5	9372.4	-36.5	9335.9
ANCLOTE UNIT 1	10088.0	47.4	10135.4
ANCLOTE UNIT 2	9955.3	-21.8	9933.5

(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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## ADJUSTMENTS TO EAF ACTUAL

Company: Florida Power Corporation  
 Period of: January 1999 - December 1999

EAF ADJUSTMENTS FOR  
 PLANNED OUTAGE HOURS

		<u>CR1</u>	<u>CR2</u>	<u>CR3</u>	<u>CR4</u>	<u>CR5</u>	<u>AN1</u>	<u>AN2</u>
1. ACTUAL POH	HRS.	1239.26	0.00	1012.00	0.00	1385.79	1261.83	0.00
2. TARGET POH	HRS.	1464.00	168.00	1080.00	168.00	1200.00	1152.00	0.00
3. ADJ. FACTOR (PH-POHT/PH-POHA)		0.97	0.98	0.99	0.98	1.03	1.01	1.00
4. ACTUAL EUOH *	HRS.	310.25	643.49	250.54	357.89	362.96	582.37	690.07
5. ADJ. EUOH (3*4)	HRS.	300.97	631.15	248.34	351.03	372.10	590.90	690.07
6. ACTUAL EAF *	%	73.46	92.65	85.59	95.91	80.04	78.95	92.12
7. ADJUSTED EAF (using 2 & 5)	%	79.85	90.88	84.84	94.08	82.05	80.10	92.12
8. DIFFERENCE	%	6.39	-1.77	-0.75	-1.83	2.01	1.15	0.00
9. TOTAL ADJ TO EAF (6 + 8)	%	6.39	-1.77	-0.75	-1.83	2.01	1.15	0.00

\* Actual EUOH and actual EAF are the adjusted values in Nos. 3 and 5 above.

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## ADJUSTMENTS TO ANOHR ACTUAL

Company: Florida Power Corporation  
 Period of: October 1998 - December 1998

ANOHR adj for								
<u>Target NOF</u>		<u>CR 1</u>	<u>CR 2</u>	<u>CR 3</u>	<u>CR 4</u>	<u>CR 5</u>	<u>AN 1</u>	<u>AN 2</u>
1. Target NOF	%	82.9	90.0	100.3	88.3	97.2	53.5	59.1
2. Target ANOHR	Btu/kwh	9840.8	9764.0	10404.1	9395.1	9329.8	10005.7	9912.1
3. Actual NOF	%	77.3	79.5	101.6	85.8	87.4	58.8	57.4
4. Calc. ANOHR	Btu/kwh	9894.9	9830.2	10364.1	9412.2	9366.3	9958.4	9933.8
(using 3)								
5. Total adj.	Btu/kwh	-54.1	-66.3	40.0	-17.2	-36.5	47.4	-21.8
to ANOHR								
(2-4)								

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## GENERATING PERFORMANCE INCENTIVE POINTS TABLE

Company: Florida Power Corporation  
 Period of: January 1999 - December 1999  
 Unit: Crystal River Unit 1

Equivalent Availability (Points)	Fuel Savings/Loss (\$)	Equivalent Availability (%)	Average Heat Rate (Points)	Fuel Savings/Loss (\$)	Average Heat Rate (BTU/KWH)		
****	10.000	\$185,800	79.85	10	\$418,600	9660.5	
	10	\$185,800	79.49	9	\$376,740	9671.0	
	9	\$167,220	79.16	8	\$334,880	9681.5	
	8	\$148,640	78.83	7	\$293,020	9692.1	
	7	\$130,060	78.49	6	\$251,160	9702.6	
	6	\$111,480	78.16	5	\$209,300	9713.1	
	5	\$92,900	77.83	4	\$167,440	9723.7	
	4	\$74,320	77.49	3	\$125,580	9734.2	
	3	\$55,740	77.16	2	\$83,720	9744.7	
	2	\$37,160	76.83	1	\$41,860	9755.3	
	1	\$18,580	76.50	0	\$0	9765.8	
		\$0	76.16	0.000	\$0	9828.5	****
	0	\$0	76.16	0	\$0	9840.8	
		\$0	76.16	0	\$0	9915.8	
	-1	(\$1,550)	75.50	-1	(\$41,860)	9926.3	
	-2	(\$3,100)	74.83	-2	(\$83,720)	9936.9	
	-3	(\$4,650)	74.16	-3	(\$125,580)	9947.4	
	-4	(\$6,200)	73.49	-4	(\$167,440)	9957.9	
	-5	(\$7,750)	72.82	-5	(\$209,300)	9968.4	
	-6	(\$9,300)	72.15	-6	(\$251,160)	9979.0	
	-7	(\$10,850)	71.49	-7	(\$293,020)	9989.5	
	-8	(\$12,400)	70.82	-8	(\$334,880)	10000.0	
	-9	(\$13,950)	70.15	-9	(\$376,740)	10010.6	
	-10	(\$15,500)	69.48	-10	(\$418,600)	10021.1	

Equivalent Availability  
Weighting Factor:

3.23%

Heat Rate  
Weighting Factor:

7.28%

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## GENERATING PERFORMANCE INCENTIVE POINTS TABLE

Company: Florida Power Corporation  
 Period of: January 1999 - December 1999  
 Unit: Crystal River Unit 2

Equivalent Availability (Points)	Fuel Savings/Loss (\$)	Equivalent Availability (%)	Average Heat Rate (Points)	Fuel Savings/Loss (\$)	Average Heat Rate (BTU/KWH)
10	\$346,400	91.13	10	\$455,400	9614.0
9.565	\$331,317	90.88	9	\$409,860	9621.5
9	\$311,760	90.54	8	\$364,320	9629.0
8	\$277,120	89.95	7	\$318,780	9636.5
7	\$242,480	89.36	6	\$273,240	9644.0
6	\$207,840	88.77	5	\$227,700	9651.5
5	\$173,200	88.18	4	\$182,160	9659.0
4	\$138,560	87.59	3	\$136,620	9666.5
3	\$103,920	87.00	2	\$91,080	9674.0
2	\$69,280	86.41	1.210	\$55,098	9679.9
1	\$34,640	85.82	1	\$45,540	9681.5
	\$0	85.23	0	\$0	9689.0
0	\$0	85.23	0	\$0	9764.0
	\$0	85.23	0	\$0	9839.0
-1	(\$28,590)	84.10	-1	(\$45,540)	9846.5
-2	(\$57,180)	82.96	-2	(\$91,080)	9854.0
-3	(\$85,770)	81.83	-3	(\$136,620)	9861.4
-4	(\$114,360)	80.69	-4	(\$182,160)	9868.9
-5	(\$142,950)	79.56	-5	(\$227,700)	9876.4
-6	(\$171,540)	78.42	-6	(\$273,240)	9883.9
-7	(\$200,130)	77.29	-7	(\$318,780)	9891.4
-8	(\$228,720)	76.15	-8	(\$364,320)	9898.9
-9	(\$257,310)	75.02	-9	(\$409,860)	9906.4
-10	(\$285,900)	73.88	-10	(\$455,400)	9913.9

Equivalent Availability  
Weighting Factor:

6.02%

Heat Rate  
Weighting Factor:

7.91%

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## GENERATING PERFORMANCE INCENTIVE POINTS TABLE

Company: Florida Power Corporation  
 Period of: January 1999 - December 1999  
 Unit: Crystal River Unit 3

	Equivalent Availability (Points)	Fuel Savings/Loss (\$)	Equivalent Availability (%)	Average Heat Rate (Points)	Fuel Savings/Loss (\$)	Average Heat Rate (BTU/KWH)	
****	10.000	\$1,247,300	84.84	10	\$732,500	10254.1	
	10	\$1,247,300	83.78	9	\$659,250	10261.6	
	9	\$1,122,570	83.44	8	\$586,000	10269.1	
	8	\$997,840	83.10	7	\$512,750	10276.6	
	7	\$873,110	82.75	6	\$439,500	10284.1	
	6	\$748,380	82.41	5	\$366,250	10291.6	
	5	\$623,650	82.07	4.518	\$330,955	10295.2	****
	4	\$498,920	81.72	4	\$293,000	10299.1	
	3	\$374,190	81.38	3	\$219,750	10306.6	
	2	\$249,460	81.04	2	\$146,500	10314.1	
	1	\$124,730	80.70	1	\$73,250	10321.6	
		\$0	80.35	0	\$0	10329.1	
	0	\$0	80.35	0	\$0	10404.1	
		\$0	80.35	0	\$0	10479.1	
	-1	(\$241,310)	79.66	-1	(\$73,250)	10486.6	
	-2	(\$482,620)	78.96	-2	(\$146,500)	10494.1	
	-3	(\$723,930)	78.26	-3	(\$219,750)	10501.6	
	-4	(\$965,240)	77.57	-4	(\$293,000)	10509.1	
	-5	(\$1,206,550)	76.87	-5	(\$366,250)	10516.6	
	-6	(\$1,447,860)	76.17	-6	(\$439,500)	10524.1	
	-7	(\$1,689,170)	75.48	-7	(\$512,750)	10531.6	
	-8	(\$1,930,480)	74.78	-8	(\$586,000)	10539.1	
	-9	(\$2,171,790)	74.08	-9	(\$659,250)	10546.6	
	-10	(\$2,413,100)	73.39	-10	(\$732,500)	10554.1	

Equivalent Availability  
Weighting Factor:

21.68%

Heat Rate  
Weighting Factor:

12.73%

Issued by: FPC

Filed:

Suspended:

Effective:

Docket No.:

Order No.:

## GENERATING PERFORMANCE INCENTIVE POINTS TABLE

Company: Florida Power Corporation  
 Period of: January 1999 - December 1999  
 Unit: Crystal River Unit 4

Equivalent Availability (Points)	Fuel Savings/Loss (\$)	Equivalent Availability (%)	Average Heat Rate (Points)	Fuel Savings/Loss (\$)	Average Heat Rate (BTU/KWH)		
****	10.000	\$226,400	94.08	10	\$678,200	9241.8	
	10	\$226,400	93.86	9	\$610,380	9249.6	
	9	\$203,760	93.49	8	\$542,560	9257.4	
	8	\$181,120	93.13	7	\$474,740	9265.3	
	7	\$158,480	92.76	6	\$406,920	9273.1	
	6	\$135,840	92.39	5	\$339,100	9280.9	
	5	\$113,200	92.02	4	\$271,280	9288.8	
	4	\$90,560	91.65	3	\$203,460	9296.6	
	3	\$67,920	91.28	2	\$135,640	9304.4	
	2	\$45,280	90.91	1	\$67,820	9312.3	
	1	\$22,640	90.54	0	\$0	9320.1	
		\$0	90.17	0	\$0	9395.1	
	0	\$0	90.17	0	\$0	9470.1	
		\$0	90.17	-1	(\$67,820)	9477.9	
	-1	(\$56,840)	89.44	-1.602	(\$108,625)	9482.6	****
	-2	(\$113,680)	88.70	-2	(\$135,640)	9485.8	
	-3	(\$170,520)	87.96	-3	(\$203,460)	9493.6	
	-4	(\$227,360)	87.22	-4	(\$271,280)	9501.4	
	-5	(\$284,200)	86.48	-5	(\$339,100)	9509.3	
	-6	(\$341,040)	85.74	-6	(\$406,920)	9517.1	
	-7	(\$397,880)	85.01	-7	(\$474,740)	9524.9	
	-8	(\$454,720)	84.27	-8	(\$542,560)	9532.8	
	-9	(\$511,560)	83.53	-9	(\$610,380)	9540.6	
	-10	(\$568,400)	82.79	-10	(\$678,200)	9548.4	

Equivalent Availability  
 Weighting Factor:

3.93%

Heat Rate  
 Weighting Factor:

11.79%

Issued by: FPC

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

## GENERATING PERFORMANCE INCENTIVE POINTS TABLE

Company: Florida Power Corporation  
 Period of: January 1999 - December 1999  
 Unit: Crystal River Unit 5

Equivalent Availability (Points)	Fuel Savings/Loss (\$)	Equivalent Availability (%)	Average Heat Rate (Points)	Fuel Savings/Loss (\$)	Average Heat Rate (BTU/KWH)		
10	\$179,200	84.98	10	\$721,500	9179.6		
9	\$161,280	84.86	9	\$649,350	9187.2		
8	\$143,360	84.74	8	\$577,200	9194.7		
7	\$125,440	84.63	7	\$505,050	9202.2		
6	\$107,520	84.51	6	\$432,900	9209.7		
5	\$89,600	84.39	5	\$360,750	9217.2		
4	\$71,680	84.27	4	\$288,600	9224.7		
3	\$53,760	84.15	3	\$216,450	9232.2		
2	\$35,840	84.03	2	\$144,300	9239.8		
1	\$17,920	83.92	1	\$72,150	9247.3		
	\$0	83.80	0	\$0	9254.8		
0	\$0	83.80	0	\$0	9329.8		
	\$0	83.80	0.000	\$0	9335.9	****	
-1	(\$15,510)	83.55	0	\$0	9404.8		
-2	(\$31,020)	83.31	-1	(\$72,150)	9412.3		
-3	(\$46,530)	83.06	-2	(\$144,300)	9419.8		
-4	(\$62,040)	82.81	-3	(\$216,450)	9427.3		
-5	(\$77,550)	82.57	-4	(\$288,600)	9434.9		
-6	(\$93,060)	82.32	-5	(\$360,750)	9442.4		
-7	(\$108,570)	82.08	-6	(\$432,900)	9449.9		
****	-7.093	(\$110,008)	82.05	-7	(\$505,050)	9457.4	
	-8	(\$124,080)	81.83	-8	(\$577,200)	9464.9	
	-9	(\$139,590)	81.58	-9	(\$649,350)	9472.4	
	-10	(\$155,100)	81.34	-10	(\$721,500)	9480.0	

Equivalent Availability  
 Weighting Factor:

3.11%

Heat Rate  
 Weighting Factor:

12.54%

Issued by: FPC

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

## GENERATING PERFORMANCE INCENTIVE POINTS TABLE

Company: Florida Power Corporation  
 Period of: January 1999 - December 1999  
 Unit: Anclote 1

Equivalent Availability (Points)	Fuel Savings/Loss (\$)	Equivalent Availability (%)	Average Heat Rate (Points)	Fuel Savings/Loss (\$)	Average Heat Rate (BTU/KWH)	
10	\$41,900	85.25	10	\$255,100	9746.6	
9	\$37,710	85.10	9	\$229,590	9765.0	
8	\$33,520	84.96	8	\$204,080	9783.5	
7	\$29,330	84.82	7	\$178,570	9801.9	
6	\$25,140	84.68	6	\$153,060	9820.3	
5	\$20,950	84.54	5	\$127,550	9838.7	
4	\$16,760	84.39	4	\$102,040	9857.1	
3	\$12,570	84.25	3	\$76,530	9875.5	
2	\$8,380	84.11	2	\$51,020	9893.9	
1	\$4,190	83.97	1	\$25,510	9912.3	
	\$0	83.83	0	\$0	9930.7	
0	\$0	83.83	0	\$0	10005.7	
	\$0	83.83	0	\$0	10080.7	
-1	(\$3,140)	83.54	-1	(\$25,510)	10099.1	
-2	(\$6,280)	83.25	-2	(\$51,020)	10117.5	
-3	(\$9,420)	82.96	-2.968	(\$75,721)	10135.4	
-4	(\$12,560)	82.67	-3	(\$76,530)	10136.0	
-5	(\$15,700)	82.38	-4	(\$102,040)	10154.4	
-6	(\$18,840)	82.09	-5	(\$127,550)	10172.8	
-7	(\$21,980)	81.80	-6	(\$153,060)	10191.2	
-8	(\$25,120)	81.51	-7	(\$178,570)	10209.6	
-9	(\$28,260)	81.22	-8	(\$204,080)	10228.0	
-10	(\$31,400)	80.93	-9	(\$229,590)	10246.4	
****	-10.000	(\$31,400)	80.10	-10	(\$255,100)	10264.8

Equivalent Availability  
 Weighting Factor:

0.73%

Heat Rate  
 Weighting Factor:

4.43%

Issued by: FPC

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

## GENERATING PERFORMANCE INCENTIVE POINTS TABLE

Company: Florida Power Corporation  
 Period of: October 1998 - December 1998  
 Unit: Anclole 2

Equivalent Availability (Points)	Fuel Savings/Loss (\$)	Equivalent Availability (%)	Average Heat Rate (Points)	Fuel Savings/Loss (\$)	Average Heat Rate (BTU/KWH)	
10	\$8,400	97.29	10	\$257,100	9619.1	
9	\$7,560	97.05	9	\$231,390	9640.9	
8	\$6,720	96.81	8	\$205,680	9662.7	
7	\$5,880	96.57	7	\$179,970	9684.5	
6	\$5,040	96.33	6	\$154,260	9706.3	
5	\$4,200	96.09	5	\$128,550	9728.1	
4	\$3,360	95.85	4	\$102,840	9749.9	
3	\$2,520	95.61	3	\$77,130	9771.7	
2	\$1,680	95.37	2	\$51,420	9793.5	
1	\$840	95.13	1	\$25,710	9815.3	
	\$0	94.89	0	\$0	9837.1	
0	\$0	94.89	0.000	\$0	9933.5	
	\$0	94.89	0	\$0	9912.1	
-1	(\$3,080)	94.41	0	\$0	9987.1	
-2	(\$6,160)	93.92	-1	(\$25,710)	10008.9	
-3	(\$9,240)	93.43	-2	(\$51,420)	10030.7	
-4	(\$12,320)	92.95	-3	(\$77,130)	10052.4	
-5	(\$15,400)	92.46	-4	(\$102,840)	10074.2	
****	-5.703	(\$17,565)	92.12	-5	(\$128,550)	10096.0
	-6	(\$18,480)	91.98	-6	(\$154,260)	10117.8
	-7	(\$21,560)	91.49	-7	(\$179,970)	10139.6
	-8	(\$24,640)	91.01	-8	(\$205,680)	10161.4
	-9	(\$27,720)	90.52	-9	(\$231,390)	10183.2
	-10	(\$30,800)	90.04	-10	(\$257,100)	10205.0

Equivalent Availability  
 Weighting Factor:

0.15%

Heat Rate  
 Weighting Factor:

4.47%

Issued by: FPC

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

**ACTUAL UNIT PERFORMANCE DATA**  
**FLORIDA POWER CORPORATION**

CRYSTAL RIVER 1	Jan-99	Feb-99	Mar-99	Apr-99	May-99	Jun-99	Jul-99	Aug-99	Sep-99	Oct-99	Nov-99	Dec-99	Jan-Dec Period
1. EAF	98.90	96.71	88.42	48.87	68.10	86.47	94.70	96.28	96.85	62.97	0.00	43.54	73.46
2. PH	744	672	744	719	744	720	744	744	720	745	720	744	8760
3. SH	594.1	404.3	674.2	385.2	510.2	709.4	723.3	744.0	720.0	476.0	0.0	388.7	6329.4
4. RSH	149.9	264.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	414.3
5. UH	0.0	3.3	69.8	333.8	233.8	10.6	20.7	0.0	0.0	269.1	720.0	355.3	2016.3
6. POH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	215.7	720.0	303.6	1239.3
7. FOH	0.0	3.3	25.2	0.0	32.2	1.2	0.0	0.0	0.0	0.0	0.0	51.7	113.6
8. MOH	0.0	0.0	44.6	333.8	201.6	9.4	20.7	0.0	0.0	53.4	0.0	0.0	663.4
9. PFOH	101.6	375.8	148.5	115.4	22.8	263.9	17.5	59.7	36.2	1.1	0.0	109.4	1251.8
10. LR PF (MW)	28.2	18.6	38.1	109.2	53.7	106.6	99.5	106.1	75.2	93.3	0.0	204.6	72.5
11. PMOH	2.3	0.0	5.5	0.0	7.2	24.9	45.6	28.3	45.5	15.4	0.0	9.2	183.8
12. LR PM (MW)	74.6	0.0	74.5	0.0	14.0	167.4	114.3	140.1	125.7	159.4	0.0	186.0	130.0
13. NSC (MW)	372	372	372	372	372	372	372	372	372	372	372	372	372
14. OPER MBTU	1447014	863112	1911601	1236687	1234384	1968309	2239557	2388807	2191984	1605301	0	891262	17978018
15. NET GEN (MWH)	146470	84144	194099	125402	123537	199248	227043	240432	225268	163824	0	89691	1819158
16. ANOHR (BTU/KWH)	9879.2	10257.6	9848.6	9861.8	9992.0	9878.7	9864.0	9935.5	9730.6	9798.9	0.0	9937.0	9882.6
17. NOF (%)	66.28	55.94	77.39	87.51	65.09	75.50	84.38	86.87	84.11	92.53	0.00	62.03	77.26
18. NPC (MW)	372	372	372	372	372	372	372	372	372	372	372	372	372

ANOHR EQUATION: ANOHR = -9.549 \* NOF + 10632.7

ISSUED BY: FLORIDA POWER CORPORATION



## ACTUAL UNIT PERFORMANCE DATA

## FLORIDA POWER CORPORATION

CRYSTAL RIVER 2	Jan-99	Feb-99	Mar-99	Apr-99	May-99	Jun-99	Jul-99	Aug-99	Sep-99	Oct-99	Nov-99	Dec-99	Jan-Dec Period
1. EAF	100.00	99.53	88.85	97.19	98.43	94.97	96.67	90.35	78.84	88.08	88.71	90.56	92.65
2. PH	744	672	744	719	744	720	744	744	720	745	720	744	8760
3. SH	660.3	550.5	666.7	713.8	744.0	698.3	744.0	744.0	635.5	745.0	720.0	744.0	8366.1
4. RSH	83.7	121.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	205.1
5. UH	0.0	0.0	77.3	5.3	0.0	21.7	0.0	0.0	84.5	0.0	0.0	0.0	188.8
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	0.0	0.0	0.0	5.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.3
8. MOH	0.0	0.0	77.3	0.0	0.0	21.7	0.0	0.0	84.5	0.0	0.0	0.0	183.6
9. PFOH	0.0	50.7	20.2	39.7	6.4	25.4	77.4	299.4	757.1	15.4	17.6	0.0	1309.2
10. LR PF (MW)	0.0	29.3	131.5	176.5	93.6	129.3	39.1	100.6	38.0	116.4	260.2	0.0	63.6
11. PMOH	0.0	0.0	0.0	0.0	44.8	22.9	39.6	21.1	20.4	32.9	692.6	575.8	1449.9
12. LR PM (MW)	0.0	0.0	0.0	0.0	108.9	153.0	216.2	166.1	145.2	1210.5	48.3	57.1	89.3
13. NSC (MW)	468	468	468	468	468	468	468	468	468	468	468	468	468
14. OPER MBTU	1884414	1412104	2307993	3047349	3137660	2801389	2817538	2898842	2292727	2820428	2440923	2469717	30331085
15. NET GEN (MWH)	192936	140464	238463	316278	316280	285419	287672	292448	235041	293521	261280	252298	3112100
16. ANOHR (BTU/KWH)	9767.0	10053.1	9678.6	9635.0	9920.5	9815.0	9794.3	9912.3	9754.6	9608.9	9342.2	9788.9	9746.2
17. NOF (%)	62.43	54.52	76.43	94.68	90.83	87.34	82.62	83.99	79.03	84.19	77.54	72.46	79.49
18. NPC (MW)	468	468	468	468	468	468	468	468	468	468	468	468	468

ANOHR EQUATION: ANOHR = -8.319 \* NOF + 10332.6

ISSUED BY: FLORIDA POWER CORPORATION

**ACTUAL UNIT PERFORMANCE DATA**  
**FLORIDA POWER CORPORATION**

CRYSTAL RIVER 3	Jan-99	Feb-99	Mar-99	Apr-99	May-99	Jun-99	Jul-99	Aug-99	Sep-99	Oct-99	Nov-99	Dec-99	Jan-Dec Period
1. EAF	99.98	96.35	100.00	96.39	99.01	98.58	99.86	99.48	99.25	0.00	39.15	99.88	85.59
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	0.0	380.0	744.0	7675.0
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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	340.0	0.0	340.0
6. POH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	745.0	267.0	0.0	1012.0
7. FOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	73.0	0.0	73.0
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	3.1	467.3	0.0	51.5	0.0	38.0	47.7	25.5	0.0	0.0	61.0	0.0	694.1
10. LR PF (MW)	17.7	19.8	0.0	366.4	0.0	157.9	15.8	111.5	0.0	0.0	425.8	0.0	91.8
11. PMOH	2.8	21.2	0.0	30.0	48.8	38.0	0.0	0.0	52.8	0.0	122.5	3.9	319.8
12. LR PM (MW)	18.7	421.9	0.0	10.9	111.5	41.5	0.0	0.0	75.4	0.0	380.8	176.1	211.5
13. NSC (MW)	740	740	740	740	740	740	740	740	740	740	740	740	740
14. OPER MBTU	5837189	5138399	5829658	5471987	5778634	5594713	5800774	5769223	5611812	290	2416686	5916707	59166072
15. NET GEN (MWH)	572388	505445	573463	533382	563301	541399	561351	558313	546651	0	230799	582883	5769375
16. ANOHR (BTU/KWH)	10198.0	10166.1	10165.7	10259.0	10258.5	10333.8	10333.6	10333.3	10265.8	0.0	10471.0	10150.8	10255.2
17. NOF (%)	103.96	101.64	104.16	100.25	102.31	101.61	101.96	101.41	102.60	0.00	82.08	105.87	101.58
18. NPC (MW)	740	740	740	740	740	740	740	740	740	740	740	740	740

ANOHR EQUATION: ANOHR = -31.155 \* NOF + 13528.8

ISSUED BY: FLORIDA POWER CORPORATION

**ACTUAL UNIT PERFORMANCE DATA**  
**FLORIDA POWER CORPORATION**

CRYSTAL RIVER 4	Jan-99	Feb-99	Mar-99	Apr-99	May-99	Jun-99	Jul-99	Aug-99	Sep-99	Oct-99	Nov-99	Dec-99	Jan-Dec Period
1. EAF	97.72	97.57	95.32	99.31	96.96	99.39	99.41	87.68	86.45	93.75	97.94	99.61	95.91
2. PH	744	672	744	719	744	720	744	744	720	745	720	744	8760
3. SH	462.9	668.3	744.0	715.3	733.6	720.0	744.0	716.6	664.8	708.3	709.9	744.0	8331.6
4. RSH	281.2	3.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	284.8
5. UH	0.0	0.0	0.0	3.7	10.4	0.0	0.0	27.4	55.3	36.7	10.1	0.0	143.6
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	3.7	10.4	0.0	0.0	27.4	0.0	36.7	1.1	0.0	79.3
8. MOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	55.3	0.0	9.0	0.0	64.3
9. PFOH	24.9	20.5	66.2	18.0	12.3	5.9	10.0	732.0	23.0	30.9	15.9	0.0	959.6
10. LR PF (MW)	474.5	553.7	367.1	47.7	355.9	515.3	305.1	58.5	202.7	223.0	205.1	0.0	121.4
11. PMOH	0.0	0.0	0.0	0.0	86.0	0.0	0.0	51.4	530.7	0.0	0.0	5.8	673.9
12. LR PM (MW)	0.0	0.0	0.0	0.0	47.7	0.0	0.0	38.2	46.7	0.0	0.0	353.2	48.8
13. NSC (MW)	697	697	697	697	697	697	697	697	697	697	697	697	697
14. OPER MBTU	2355027	2939741	4105575	4605918	4126755	4139582	4505590	4106788	3700386	4322469	4155861	4279841	47343533
15. NET GEN (MWH)	241314	308427	443351	492166	430085	431045	472720	432576	383091	454368	441082	453413	4983638
16. ANOHR (BTU/KWH)	9759.2	9531.4	9260.3	9358.5	9595.2	9603.6	9531.2	9493.8	9659.3	9513.1	9422.0	9439.2	9499.8
17. NOF (%)	74.80	66.21	85.50	98.72	84.12	85.89	91.16	86.60	82.68	92.04	89.15	87.44	85.82
18. NPC (MW)	697	697	697	697	697	697	697	697	697	697	697	697	697

ANOHR EQUATION: ANOHR = -6.787 \* NOF + 9994.7

ISSUED BY: FLORIDA POWER CORPORATION

**ACTUAL UNIT PERFORMANCE DATA**  
**FLORIDA POWER CORPORATION**

CRYSTAL RIVER 5	Jan-99	Feb-99	Mar-99	Apr-99	May-99	Jun-99	Jul-99	Aug-99	Sep-99	Oct-99	Nov-99	Dec-99	Jan-Dec Period
1. EAF	98.52	99.12	37.94	0.00	47.92	98.84	95.93	99.88	100.00	97.23	100.00	86.09	80.04
2. PH	744	672	744	719	744	720	744	744	720	745	720	744	8760
3. SH	744.0	672.0	277.4	0.0	356.8	711.7	714.8	744.0	720.0	724.4	720.0	642.8	7028.0
4. RSH	0.0	0.0	9.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.6
5. UH	0.0	0.0	457.0	719.0	387.2	8.3	29.2	0.0	0.0	20.6	0.0	101.2	1722.4
6. POH	0.0	0.0	457.0	719.0	209.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1385.8
7. FOH	0.0	0.0	0.0	0.0	177.3	0.0	0.0	0.0	0.0	20.6	0.0	6.1	204.0
8. MOH	0.0	0.0	0.0	0.0	0.0	8.3	29.2	0.0	0.0	0.0	0.0	95.1	132.6
9. PFOH	72.3	8.6	38.5	0.0	4.7	0.0	3.8	9.7	0.0	0.0	0.0	17.4	154.8
10. LR PF (MW)	60.3	481.3	85.9	0.0	47.7	0.0	76.3	65.7	0.0	0.0	0.0	94.3	94.2
11. PMOH	69.0	0.0	0.0	0.0	0.0	0.0	6.5	0.0	0.0	0.0	0.0	0.0	75.5
12. LR PM (MW)	47.7	0.0	0.0	0.0	0.0	0.0	76.4	0.0	0.0	0.0	0.0	0.0	50.2
13. NSC (MW)	697	697	697	697	697	697	697	697	697	697	697	697	697
14. OPER MBTU	3711477	2937886	1388602	0	2043875	4153443	4336460	4673084	4372183	4596244	4289669	3607140	40110064
15. NET GEN (MWH)	395113	307939	148423	0	206829	440588	465524	504555	465713	490109	468073	386763	4279609
16. ANOHR (BTU/KWH)	9393.5	9540.5	9355.7	0.0	9882.0	9427.5	9315.2	9261.8	9388.1	9378.0	9164.5	9326.5	9372.4
17. NOF (%)	76.19	65.74	76.77	0.00	83.16	88.82	93.43	97.30	92.80	97.07	93.27	86.32	87.37
18. NPC (MW)	697	697	697	697	697	697	697	697	697	697	697	697	697

ANOHR EQUATION: ANOHR = -3.725 \* NOF + 9691.7

ISSUED BY: FLORIDA POWER CORPORATION

**ACTUAL UNIT PERFORMANCE DATA**  
**FLORIDA POWER CORPORATION**

ANCLOTE 1	Jan-99	Feb-99	Mar-99	Apr-99	May-99	Jun-99	Jul-99	Aug-99	Sep-99	Oct-99	Nov-99	Dec-99	Jan-Dec Period
1. EAF	99.79	98.86	39.27	0.00	85.82	83.05	96.43	95.85	92.04	95.00	90.40	71.03	78.95
2. PH	744	672	744	719	744	720	744	744	720	745	720	744	8760
3. SH	584.0	672.0	292.2	0.0	653.0	615.8	742.2	744.0	683.1	740.8	428.8	225.8	6381.7
4. RSH	160.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	226.2	302.7	688.9
5. UH	0.0	0.0	451.8	719.0	91.0	104.2	1.8	0.0	36.9	4.3	65.0	215.5	1689.5
6. POH	0.0	0.0	451.8	719.0	91.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1261.8
7. FOH	0.0	0.0	0.0	0.0	0.0	37.0	1.8	0.0	36.9	4.3	0.0	15.6	95.6
8. MOH	0.0	0.0	0.0	0.0	0.0	67.1	0.0	0.0	0.0	0.0	65.0	200.0	332.1
9. PFOH	3.0	0.0	0.0	0.0	32.7	9.9	0.0	133.0	201.2	39.1	0.0	0.0	418.8
10. LR PF (MW)	267.3	0.0	0.0	0.0	108.0	194.1	0.0	43.6	15.0	174.0	0.0	0.0	52.2
11. PMOH	0.0	23.0	0.0	0.0	22.7	55.6	73.5	61.0	45.0	60.6	12.5	0.0	353.7
12. LR PM (MW)	0.0	169.7	0.0	0.0	171.2	129.9	172.3	163.1	164.3	166.2	169.7	0.0	161.7
13. NSC (MW)	511	511	511	511	511	511	511	511	511	511	511	511	511
14. OPER MBTU	1834838	2470876	915197	0	1882579	1691321	2462737	2436947	1826885	2357314	1049366	415240	19343400
15. NET GEN (MWH)	182136	252642	95147	0	186489	161674	239857	239412	180171	236555	104197	39184	1917464
16. ANOHR (BTU/KWH)	10074.0	9780.5	9618.8	0.0	10094.9	10461.3	10267.5	10178.9	10139.7	9965.2	10071.0	10597.2	10088.0
17. NOF (%)	61.03	73.57	63.72	0.00	55.89	51.38	63.24	62.97	51.62	62.49	47.55	33.96	58.80
18. NPC (MW)	511	511	511	511	511	511	511	511	511	511	511	511	511

ANOHR EQUATION: ANOHR = -8.968 \* NOF + 10485.7

ISSUED BY: FLORIDA POWER CORPORATION

**ACTUAL UNIT PERFORMANCE DATA**  
**FLORIDA POWER CORPORATION**

ANCLOTE 2	Jan-99	Feb-99	Mar-99	Apr-99	May-99	Jun-99	Jul-99	Aug-99	Sep-99	Oct-99	Nov-99	Dec-99	Jan-Dec Period
1. EAF	98.24	87.06	73.50	97.83	90.72	82.59	98.06	95.87	95.02	90.66	98.85	96.76	92.12
2. PH	744	672	744	719	744	720	744	744	720	745	720	744	8760
3. SH	744.0	624.3	550.6	719.0	690.2	612.9	744.0	744.0	720.0	493.3	545.6	744.0	7931.9
4. RSH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	219.0	174.4	0.0	393.4
5. UH	0.0	0.0	193.4	0.0	53.9	107.1	0.0	0.0	0.0	32.7	0.0	0.0	387.0
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	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	47.7	193.4	0.0	53.9	107.1	0.0	0.0	0.0	32.7	0.0	0.0	434.7
9. PFOH	13.8	279.3	4.5	36.5	3.0	9.8	0.0	167.4	161.3	44.9	0.5	418.6	1139.6
10. LR PF (MW)	174.0	40.7	432.8	109.2	19.4	193.9	0.0	57.5	73.0	346.2	489.8	20.5	59.2
11. PMOH	25.2	34.9	0.0	21.4	45.1	46.3	43.0	35.7	42.5	24.0	23.2	22.0	363.2
12. LR PM (MW)	170.3	249.3	0.0	186.2	170.3	160.5	171.3	170.3	154.0	137.7	170.3	170.3	173.7
13. NSC (MW)	511	511	511	511	511	511	511	511	511	511	511	511	511
14. OPER MBTU	2302935	2015993	1754859	2524794	1887582	1515247	2292281	2376372	1889588	1466677	1398778	1718597	23143702
15. NET GEN (MWH)	237849	210428	178475	257436	190615	146120	226636	234808	189148	146452	136276	170525	2324768
16. ANOHR (BTU/KWH)	9682.3	9580.4	9832.5	9807.5	9902.6	10369.9	10114.4	10120.5	9990.0	10014.7	10264.3	10078.3	9955.3
17. NOF (%)	62.56	65.96	63.43	70.07	54.05	46.65	59.61	61.76	51.41	58.09	48.88	44.85	57.36
18. NPC (MW)	511	511	511	511	511	511	511	511	511	511	511	511	511

ANOHR EQUATION: ANOHR = -12.337 \* NOF + 10641.5

ISSUED BY: FLORIDA POWER CORPORATION

PLANNED OUTAGE SCHEDULES  
ACTUAL

Company: Florida Power Corporation  
Period of: January 1999 - December 1999

<u>Plant/Unit</u>	<u>Planned Outage Dates</u>	<u>Reason for Outage</u>
Anclole 1	03/13 (0001) - 05/04 (2400)	Boiler Controls/Gas Conversion
Crystal River 1	10/23 (0001) - 12/13 (2400)	Boiler/Low NOx Burner Conversion
Crystal River 3	10/01 (0001) - 11/12 (2400)	Refueling
Crystal River 5	03/12 (0001) - 05/09 (2400)	Boiler/HP Turbine Upgrade

Issued by: FPC

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

### 1999 Planned Outages (Actual)

Task Name	November	December	January	February	March	April	May	June	July	August	September	October	November	December
	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Ancote Unit 1					3/13	Boiler Controls/Gas Conversion [Redacted] 5/4 53 days								
Crystal River 1												10/23	Boiler/Low NOx Burner Conversion [Redacted] 12/13 52 days	
Crystal River 3											10/1	Refueling [Redacted] 11/12 43 days		
Crystal River 5					3/12	Boiler/HP Turbine Upgrade [Redacted] 5/9 59 days								