



March 15, 2012

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**VIA HAND DELIVERY**

Ms. Ann Cole, Commission Clerk  
Florida Public Service Commission  
2540 Shumard Oak Boulevard  
Tallahassee, Florida 32399-0850

*Re: Fuel and purchased power cost recovery clause with generating performance incentive factor; Docket No. 120001-EI*

Dear Ms. Cole:

Enclosed for filing in the above referenced docket on behalf of Progress Energy Florida, Inc. ("PEF") are the original and fifteen (15) copies of PEF's 2011 GPIF True-up Testimony and Schedules. The filing includes the following:

- PEF's GPIF True-Up Petition;
- Direct Testimony of Robert M. Oliver with Exhibit No. \_\_\_\_ (RMO-1T);

Thank you for your assistance in this matter. If you have any questions, please feel free to contact me at (727) 820-5184.

Sincerely,

*John T. Burnett*  
John T. Burnett

JTB/lms  
Enclosures

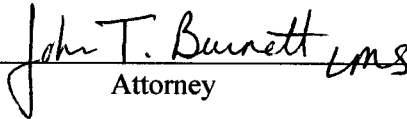
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## CERTIFICATE OF SERVICE

I HEREBY CERTIFY that a true and correct copy of the foregoing has been furnished via electronic mail ( \* via hand delivery) to the following this 15<sup>th</sup> day of March, 2012.

  
Attorney

<p>Martha Barrera, Esq. * Office of General Counsel Florida Public Service Commission 2540 Shumard Oak Blvd. Tallahassee, FL 32399-0850 <a href="mailto:mbarrera@psc.state.fl.us">mbarrera@psc.state.fl.us</a></p> <p>James D. Beasley, Esq. Jeffry Wahlen, Esq. Ausley &amp; McMullen Law Firm P.O. Box 391 Tallahassee, FL 32302 <a href="mailto:jbeasley@ausley.com">jbeasley@ausley.com</a></p> <p>John T. Butler, Esq. Florida Power &amp; Light Co. 700 Universe Boulevard Juno Beach, FL 33408 <a href="mailto:John.butler@fpl.com">John.butler@fpl.com</a></p> <p>Ken Hoffman Florida Power &amp; Light 215 S. Monroe Street, Ste. 810 Tallahassee, FL 32301-1859 <a href="mailto:Ken.hoffman@fpl.com">Ken.hoffman@fpl.com</a></p> <p>Jeffrey A. Stone, Esq. Russell A. Badders, Esq. Steven R. Griffin Beggs &amp; Lane Law Firm P.O. Box 12950 Pensacola, FL 32591 <a href="mailto:jas@beggslane.com">jas@beggslane.com</a> <a href="mailto:rab@beggslane.com">rab@beggslane.com</a> <a href="mailto:srg@beggslane.com">srg@beggslane.com</a></p> <p>Ms. Paula K. Brown Tampa Electric Company P.O. Box 111 Tampa, FL 33601 <a href="mailto:regdept@tecoenergy.com">regdept@tecoenergy.com</a></p> <p>Ms. Susan D. Ritenour Gulf Power Company One Energy Place Pensacola, FL 32520-0780 <a href="mailto:sdriteno@southernco.com">sdriteno@southernco.com</a></p>	<p>Beth Keating Gunster, Yoakley &amp; Stewart, P.A. 215 S. Monroe St., Ste 618 Tallahassee, FL 32301 <a href="mailto:bkeating@gunster.com">bkeating@gunster.com</a></p> <p>J.R.Kelly/Charles Rehwinkel Office of Public Counsel c/o The Florida Legislature 111 West Madison Street, #812 Tallahassee, FL 32399 <a href="mailto:Kelly.jr@leg.state.fl.us">Kelly.jr@leg.state.fl.us</a> <a href="mailto:Rehwinkel.charles@leg.state.fl.us">Rehwinkel.charles@leg.state.fl.us</a></p> <p>Tom Geoffroy Florida Public Utilities Company P.O. Box 3395 West Palm Beach, FL 33402-3395 <a href="mailto:tgeoffroy@cfgas.com">tgeoffroy@cfgas.com</a></p> <p>James W. Brew, Esq. c/o Brickfield Law Firm 1025 Thomas Jefferson St., NW 8<sup>th</sup> Floor, West Tower Washington, DC 20007 <a href="mailto:jbrew@bbrslaw.com">jbrew@bbrslaw.com</a></p> <p>Keefe Law Firm Vicki Gordon Kaufman/Jon C. Moyle, Jr. 118 North Gadsden Street Tallahassee, FL 32301 <a href="mailto:vkaufman@kagmlaw.com">vkaufman@kagmlaw.com</a> <a href="mailto:jmoyle@kagmlaw.com">jmoyle@kagmlaw.com</a></p> <p>Florida Retail Federation Robert Scheffel Wright/John T. LaVia, c/o Gardner, Bist, Wiener Law Firm 1300 Thomaswood Drive Tallahassee, FL 32308 <a href="mailto:schef@gbwlegal.com">schef@gbwlegal.com</a></p> <p>Karen S. White c/o AFLSA/JACL-ULT 139 Barnes Drive, Suite 1 Tyndall AFB, FL 32403-5319 <a href="mailto:karen.white@tyndall.af.mil">karen.white@tyndall.af.mil</a></p>
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BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

In Re: Fuel and Purchase Power ) Docket No. 120001-EI  
Cost Recovery Clause and Generating )  
Performance Incentive Factor ) Filed: March 15, 2012

**PETITION FOR APPROVAL OF GPIF RESULTS  
FOR THE PERIOD ENDING DECEMBER 2011**

Progress Energy Florida, Inc. ("PEF") hereby petitions this Commission for approval of its Generating Performance Incentive Factor ("GPIF") for the period ending December 2011. In support of this Petition, PEF states as follows:

1. PEF is a public utility subject to the jurisdiction of the Commission under Chapter 366, Florida Statutes. PEF's General Offices are located at 299 First Avenue North, St. Petersburg, FL 33701.

2. All notices, pleadings and other communications required to be served on petitioner should be directed to:

John T. Burnett, Esquire  
Post Office Box 14042  
St. Petersburg, FL 33733-4042  
Telephone: (727) 820-5184  
Facsimile: (727) 820-5249

For express deliveries by private courier, the address is:

299 First Avenue North  
Suite PEF-151  
St. Petersburg, FL 33701

3. By Order No. PSC-11-0579-FOF-EI, dated December 16, 2011, the Commission approved GPIF Targets for PEF for the period January 2011 through December 2011. The application of the GPIF formula to PEF's performance during that period produces a reward of \$1,495,572. Matters relating to the GPIF are contained in the prepared direct testimony of PEF witness Robert M. Oliver which is being filed with and incorporated in this Petition.

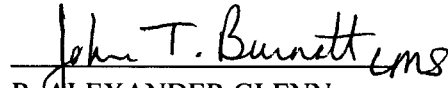
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WHEREFORE, PEF respectfully requests the Commission to approve this Petition and include the aforementioned amount in the calculation of the FCR Factor for the period beginning January 2013.

Respectfully submitted,

  
\_\_\_\_\_  
R. ALEXANDER GLENN

General Counsel

JOHN T. BURNETT

Associate General Counsel

DIANNE M. TRIPLETT

Associate General Counsel

PROGRESS ENERGY SERVICE COMPANY, LLC

299 – First Avenue North

St. Petersburg, FL 33701

Attorneys for

PROGRESS ENERGY FLORIDA, INC.

**PROGRESS ENERGY FLORIDA**

**DOCKET No. 120001-EI**

**GPIF Schedules for  
January through December 2011**

**DIRECT TESTIMONY OF  
ROBERT M. OLIVER**

**March 15, 2012**

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

2 A. My name is Robert M. Oliver. My business address is 410 S. Wilmington St.,  
3 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 Portfolio  
7 Management.

8  
9 **Q. Describe your responsibilities as Manager of Portfolio Management.**

10 A. As Manager of Portfolio Management, I am responsible for managing the  
11 development and application of the model, analysis and data used for the  
12 short term generation planning. As relates to this process, my duties include  
13 responsibility for the preparation of the information and material required by  
14 the Commission's GPIF True-Up and Targets mechanisms.

15

DOCUMENT NUMBER-DATE

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

2 A. The purpose of my testimony is to describe the calculation of PEF's GPIF  
3 reward/penalty amount for the period of January through December 2011.  
4 This calculation was based on a comparison of the actual performance of  
5 PEF's 10 GPIF generating units for this period against the approved targets  
6 set for these units prior to the actual performance period.

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

9 A. Yes, I am sponsoring Exhibit No. \_\_\_\_\_ (RMO-1T), which consists of the  
10 schedules required by the GPIF Implementation Manual to support the  
11 development of the incentive amount. This 30-page exhibit is attached to my  
12 prepared testimony and includes as its first page an index to the contents of  
13 the exhibit.

14  
15 **Q. What GPIF incentive amount has been calculated for this period?**

16 A. PEF's calculated GPIF incentive amount is a reward of \$1,495,572. This  
17 amount was developed in a manner consistent with the GPIF Implementation  
18 Manual. Page 2 of my exhibit shows the system GPIF points and the  
19 corresponding reward (penalty). The summary of weighted incentive points  
20 earned by each individual unit can be found on 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?**

24 A. The calculation of incentive points was made by comparing the adjusted  
25 actual performance data for equivalent availability and heat rate to the target

1 performance indicators for each unit. This comparison is shown on each  
2 unit's Generating Performance Incentive Points Table found on pages 9  
3 through 18 of my exhibit.

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

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

18  
19 **Q. How did you determine Crystal River 3's heat rate performance in 2011**  
20 **when the unit did not generate any energy nor use any fuel for the**  
21 **twelve month period of January through December 2011?**

22 A. Strictly speaking, the heat rate for Crystal River 3 during 2011 is an undefined  
23 value. As described in the Implementation Manual, average net operating  
24 heat rate is defined as the fuel burned during the period while the unit is  
25 synchronized to the system, exclusive of start-up BTU, divided by the total net

1 generation, exclusive of station use, produced during the period while the unit  
2 is synchronized to the system. Because Crystal River 3 never synchronized  
3 during 2011, the amount of fuel, zero, divided by the generation, also zero,  
4 equals an undefined value. To account for this, Crystal River 3's heat rate  
5 performance in its Actual Unit Performance Data table is represented as zero.  
6

7 **Q. How did you adjust the Incentive Points for Crystal River 3's heat rate?**

8 A. Because Crystal River 3, with a zero Net Operating Factor and a zero actual  
9 heat rate, has an adjusted heat rate less than zero, it would earn 10 incentive  
10 points for beating the lower limit of its target range. However, since Crystal  
11 River 3's actual heat rate performance is essentially incalculable, its heat rate  
12 incentive point was adjusted to zero to prevent it from earning a reward on  
13 this measure.  
14

15 **Q. How did you determine Crystal River 3's availability performance in 2011  
16 and what adjustments were made to its final EAF measure?**

17 A. Crystal River 3 was in a forced outage for all 2011 and all of its 8,760 hours  
18 for the year have been logged as FOH, as is reflected in its Actual Unit  
19 Performance Data table on page 21 in the exhibits. Since Crystal River 3 was  
20 completely unavailable for 2011, its EAF is 0. There were no adjustments  
21 made to Crystal River 3's EAF performance.  
22

23 **Q. What is the impact of Crystal River 3's EAF performance on GPIF?**



1 A. Because Crystal River 3's EAF performance is at or below the bottom end of  
2 its EAF Range, it earns -10 Equivalent Availability points, incurring the  
3 maximum penalty it can receive for EAF performance.

4

5 **Q. Have you provided the as-worked planned outage schedules for PEF's**  
6 **GPIF units to support your adjustments to actual equivalent availability?**

7 A. Yes. Page 29 of my exhibit summarizes the planned outages experienced by  
8 PEF's GPIF units during the period. Page 30 presents an as-worked  
9 schedule for each individual planned outage.

10

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

12 A. Yes.

**GPIF REWARD/PENALTY SCHEDULES**

<b><u>Description</u></b>	<b><u>Sheet</u></b>
Index	1
Reward/Penalty Table (Actual)	2
Calculation of Maximum Incentive Dollars (Actual)	3
Calculation of System Actual GPIF Points	4
GPIF Unit Performance Summary	5
Actual Unit Performance Data	6
Adjustments to EAF Actual	7
Adjustments to ANOHR Actual	8
Generating Performance Incentive Points Table	9-18
Actual Unit Performance Data	19-28
Planned Outage Schedules (Actual)	29-30

## GENERATING PERFORMANCE INCENTIVE FACTOR

## REWARD/PENALTY TABLE

## ACTUAL

Progress Energy Florida  
January 2011 - December 2011

Generating Performance Incentive Points (GPIF)	Fuel Savings/Loss (\$)	Generating Performance Incentive Factor (\$)
10	\$ 59,435,531	\$ 19,027,639
9	\$ 53,491,978	\$ 17,124,875
8	\$ 47,548,425	\$ 15,222,111
7	\$ 41,604,872	\$ 13,319,347
6	\$ 35,661,318	\$ 11,416,584
5	\$ 29,717,765	\$ 9,513,820
4	\$ 23,774,212	\$ 7,611,056
3	\$ 17,830,659	\$ 5,708,292
2	\$ 11,887,106	\$ 3,805,528
1	\$ 5,943,553	\$ 1,902,764
**** 0.786	\$ 4,671,633	\$ 1,495,572
0	\$ -	\$ -
-1	\$ (8,731,533)	\$ (1,902,764)
-2	\$ (17,463,066)	\$ (3,805,528)
-3	\$ (26,194,599)	\$ (5,708,292)
-4	\$ (34,926,132)	\$ (7,611,056)
-5	\$ (43,657,665)	\$ (9,513,820)
-6	\$ (52,389,198)	\$ (11,416,584)
-7	\$ (61,120,732)	\$ (13,319,347)
-8	\$ (69,852,265)	\$ (15,222,111)
-9	\$ (78,583,798)	\$ (17,124,875)
-10	\$ (87,315,331)	\$ (19,027,639)

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**GENERATION PERFORMANCE INCENTIVE FACTOR**  
**CALCULATION OF MAXIMUM ALLOWED INCENTIVE DOLLARS**

Progress Energy Florida  
 January 2011 - December 2011

1	Beginning of period balance of common equity	\$ 4,894,613,042
END OF MONTH BALANCE OF COMMON EQUITY:		
2	Month of JANUARY 2011	\$ 4,921,928,628
3	Month of FEBRUARY 2011	\$ 4,614,015,847
4	Month of MARCH 2011	\$ 4,668,130,559
5	Month of APRIL 2011	\$ 4,685,012,385
6	Month of MAY 2011	\$ 4,642,825,854
7	Month of JUNE 2011	\$ 4,702,567,010
8	Month of JULY 2011	\$ 4,753,326,093
9	Month of AUGUST 2011	\$ 4,722,345,327
10	Month of SEPTEMBER 2011	\$ 4,813,536,119
11	Month of OCTOBER 2011	\$ 4,829,070,577
12	Month of NOVEMBER 2011	\$ 4,809,414,757
13	Month of DECEMBER 2011	\$ 4,675,729,898
14	Average common equity for the period	\$ 4,748,655,084
15	25 Basis Points	0.0025
16	Revenue Expansion Factor	61.3808%
17	Maximum allowed incentive dollars	\$ 19,340,963
18	Jurisdictional Sales *	37,596,935 MWH
19	Total Sales *	38,214,794 MWH
20	Jurisdictional Separation Factor	98.3800%
21	Maximum allowed jurisdictional incentive dollars	\$ 19,027,639
*	Net sales (Sales - Interruptible)	

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## GENERATION PERFORMANCE INCENTIVE FACTOR

## CALCULATION OF SYSTEM ACTUAL GPIF POINTS

Progress Energy Florida  
January 2011 - December 2011

<u>Plant/Unit</u>	<u>Performance Indicator EAF or ANOHR</u>	<u>Weighting Factor %</u>	<u>Unit Points</u>	<u>Weighted Unit Points</u>
Crystal River 1	EAF	2.09	-10.000	-0.209
	ANOHR	3.34	-5.589	-0.186
Crystal River 2	EAF	6.01	-10.000	-0.601
	ANOHR	3.82	0.000	0.000
Crystal River 3	EAF	4.36	-10.000	-0.436
	ANOHR	4.34	0.000	0.000
Crystal River 4	EAF	5.41	10.000	0.541
	ANOHR	11.92	8.419	1.003
Crystal River 5	EAF	5.71	7.522	0.430
	ANOHR	9.28	0.128	0.012
Hines 1	EAF	2.05	1.731	0.035
	ANOHR	8.68	0.000	0.000
Hines 2	EAF	1.58	0.905	0.014
	ANOHR	7.03	-0.995	-0.070
Hines 3	EAF	1.16	10.000	0.116
	ANOHR	9.14	-0.903	-0.083
Hines 4	EAF	1.66	10.000	0.166
	ANOHR	8.86	0.000	0.000
Tiger Bay	EAF	1.34	10.000	0.134
	ANOHR	2.23	-3.613	-0.080
GPIF System		100.00		0.786

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**GENERATION PERFORMANCE INCENTIVE FACTOR  
GPIF UNIT PERFORMANCE SUMMARY**

Progress Energy Florida  
January 2011 - December 2011

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. (%)				
Crystal River 1	2.09	85.47	88.69	78.97	\$1,240	(\$4,993)	63.95	(\$4,993)
Crystal River 2	6.01	94.40	97.03	89.01	\$3,573	(\$3,221)	73.52	(\$3,221)
Crystal River 3	4.36	97.41	98.63	94.86	\$2,589	(\$7,775)	0.00	(\$7,775)
Crystal River 4	5.41	84.15	87.84	76.75	\$3,216	(\$9,328)	88.81	\$3,216
Crystal River 5	5.71	86.01	88.97	80.00	\$3,396	(\$7,084)	88.23	\$2,555
Hines 1	2.05	76.23	78.11	72.48	\$1,218	(\$2,202)	76.55	\$211
Hines 2	1.58	83.89	85.42	80.75	\$940	(\$2,484)	84.03	\$85
Hines 3	1.16	87.85	89.44	84.60	\$691	(\$3,256)	90.35	\$691
Hines 4	1.66	83.71	85.89	79.27	\$988	(\$3,332)	86.42	\$988
Tiger Bay	1.34	81.38	87.98	69.19	\$799	(\$2,853)	90.03	\$799
<b>GPIF System</b>	<b>31.38</b>				<b>\$18,648.6</b>	<b>(\$46,528.4)</b>		<b>(\$7,446.0)</b>

Plant/Unit	Weighting Factor (%)	ANOHR Target		ANOHR RANGE		Max. Fuel Savings (\$000)	Max. Fuel Loss (\$000)	ANOHR Adjusted Actual (Btu/kwh)	Estimated Fuel Savings/ Loss (\$000)
		(BTU/KWH)	NOF	Min. (Btu/kwh)	Max. (Btu/kwh)				
Crystal River 1	3.34	10,708	49.1	10,297	11,119	\$1,983	(\$1,983)	10,970	(\$1,108)
Crystal River 2	3.82	10,524	46.5	10,214	10,833	\$2,271	(\$2,271)	10,450	\$0
Crystal River 3	4.34	10,297	98.7	10,176	10,417	\$2,580	(\$2,580)	0	\$0
Crystal River 4	11.92	10,326	81.9	9,804	10,848	\$7,084	(\$7,084)	9,875	\$5,964
Crystal River 5	9.28	10,084	87.0	9,707	10,461	\$5,517	(\$5,517)	10,005	\$71
Hines 1	8.68	7,697	69.9	7,093	8,301	\$5,157	(\$5,157)	7,719	\$0
Hines 2	7.03	7,086	76.6	6,760	7,412	\$4,176	(\$4,176)	7,186	(\$415)
Hines 3	9.14	7,310	78.8	6,930	7,690	\$5,431	(\$5,431)	7,412	(\$490)
Hines 4	8.86	7,060	78.5	6,702	7,419	\$5,264	(\$5,264)	7,069	\$0
Tiger Bay	2.23	7,975	75.3	7,502	8,447	\$1,323	(\$1,323)	8,193	(\$478)
<b>GPIF System</b>	<b>68.62</b>					<b>\$40,786.9</b>	<b>(\$40,786.9)</b>		<b>\$3,541.9</b>

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GENERATION PERFORMANCE INCENTIVE FACTOR  
ACTUAL UNIT PERFORMANCE DATA

Progress Energy Florida  
January 2011 - December 2011

Plant/Unit	ACTUAL EAF %	ADJUSTMENTS (1) TO EAF %	ADJUSTED ACTUAL EAF %
Crystal River 1	64.13	-0.18	63.95
Crystal River 2	73.52	0.00	73.52
Crystal River 3	0.00	0.00	0.00
Crystal River 4	80.52	8.28	88.81
Crystal River 5	88.08	0.16	88.23
Hines 1	75.03	1.53	76.55
Hines 2	79.34	4.69	84.03
Hines 3	88.57	1.78	90.35
Hines 4	80.89	5.53	86.42
Tiger Bay	84.07	5.96	90.03

Plant/Unit	ACTUAL ANOHR BTU/KWH	ADJUSTMENTS (2) TO ANOHR BTU/KWH	ADJUSTED ACTUAL ANOHR BTU/KWH
Crystal River 1	10,969.1	1.4	10,970.5
Crystal River 2	10,407.1	42.6	10,449.8
Crystal River 3	0.0	0.0	0.0
Crystal River 4	9,990.3	-115.4	9,875.0
Crystal River 5	10,184.5	-179.3	10,005.2
Hines 1	7,234.5	484.5	7,719.1
Hines 2	7,147.0	38.9	7,185.9
Hines 3	7,216.9	195.5	7,412.4
Hines 4	6,957.0	111.8	7,068.8
Tiger Bay	7,675.0	518.4	8,193.5

(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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GENERATION PERFORMANCE INCENTIVE FACTOR  
ADJUSTMENTS TO EAF ACTUAL

Progress Energy Florida  
January 2011 - December 2011

EAF adjustments for Planned Outage Hours			Crystal River 1	Crystal River 2	Crystal River 3	Crystal River 4	Crystal River 5	Hines 1	Hines 2	Hines 3	Hines 4	Tiger Bay
			CR1	CR2	CR3	CR4	CR5	HN1	HN2	HN3	HN4	TB
1	Actual POH	Hrs.	649.20	0.00	0.00	1,448.25	686.53	1,868.13	1,553.71	925.83	1,515.70	893.67
2	Target POH	Hrs.	672.00	0.00	0.00	696.00	672.00	1,728.00	1,128.00	768.00	1,020.00	336.00
3	Adj. Factor (PH-POHT/PH-POHA)		1.00	1.00	1.00	1.10	1.00	1.02	1.06	1.02	1.07	1.07
4	Actual EUOH	Hrs.	2,492.87	2,319.93	8,760.00	257.97	358.08	319.32	255.68	75.63	158.56	501.54
5	Adj. EUOH (3*4)	Hrs.	2,485.86	2,319.93	8,760.00	284.51	358.72	325.81	270.78	77.15	169.41	537.10
6	Actual EAF	%	64.13	73.52	0.00	80.52	88.08	75.03	79.34	88.57	80.89	84.07
7	Adjusted EAF (using 2 & 5)	%	63.95	73.52	0.00	88.81	88.23	76.55	84.03	90.35	86.42	90.03
8	Difference (7-6)	%	-0.18	0.00	0.00	8.28	0.16	1.53	4.69	1.78	5.53	5.96
9	Total adj. to EAF	%	-0.18	0.00	0.00	8.28	0.16	1.53	4.69	1.78	5.53	5.96

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GENERATION PERFORMANCE INCENTIVE FACTOR  
ADJUSTMENTS TO ANOHR ACTUAL

Progress Energy Florida  
January 2011 - December 2011

ANOHR adjustments for Target NOF			Crystal River 1	Crystal River 2	Crystal River 3	Crystal River 4	Crystal River 5	Hines 1	Hines 2	Hines 3	Hines 4	Tiger Bay
			CR1	CR2	CR3	CR4	CR5	HN1	HN2	HN3	HN4	IB
1	Target NOF	%	49.1	48.5	98.7	81.9	87.0	69.9	76.6	78.8	78.5	75.3
2	Target ANOHR	Btu/kwh	10707.8	10523.5	10296.6	10326.0	10084.1	7696.8	7085.9	7309.9	7060.1	7974.8
3	Actual NOF	%	49.2	48.5	0.0	77.7	76.2	89.4	85.2	89.8	89.0	93.7
4	Calc. ANOHR (using 3)	Btu/kwh	10,706.3	10,480.9	0.0	10,441.4	10,263.3	7,212.3	7,047.0	7,114.4	6,948.3	7,456.4
5	Total adj. to ANOHR (2-4)	Btu/kwh	1.4	42.6	0.0	-115.4	-179.3	484.5	38.9	195.5	111.8	518.4

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## GENERATING PERFORMANCE INCENTIVE POINTS TABLE

Progress Energy Florida  
January 2011 - December 2011

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	\$1,239,800	88.69	10	\$1,983,253	10,296.9
9	\$1,115,820	88.36	9	\$1,784,928	10,330.5
8	\$991,840	88.04	8	\$1,586,603	10,364.0
7	\$867,860	87.72	7	\$1,388,277	10,397.6
6	\$743,880	87.40	6	\$1,189,952	10,431.2
5	\$619,900	87.08	5	\$991,627	10,464.8
4	\$495,920	86.76	4	\$793,301	10,498.4
3	\$371,940	86.44	3	\$594,976	10,532.0
2	\$247,960	86.12	2	\$396,651	10,565.6
1	\$123,980	85.80	1	\$198,325	10,599.2
	\$0	85.47	0	\$0	10,632.8
0	\$0	85.47	0	\$0	10,707.8
	\$0	85.47	0	\$0	10,782.8
-1	(\$499,340)	84.82	-1	(\$198,325)	10,816.3
-2	(\$998,680)	84.17	-2	(\$396,651)	10,849.9
-3	(\$1,498,020)	83.52	-3	(\$594,976)	10,883.5
-4	(\$1,997,360)	82.87	-4	(\$793,301)	10,917.1
-5	(\$2,496,700)	82.22	-5	(\$991,627)	10,950.7
-6	(\$2,996,040)	81.57	-5.589	(\$1,108,440)	10,970.5 ****
-7	(\$3,495,380)	80.92	-6	(\$1,189,952)	10,984.3
-8	(\$3,994,720)	80.27	-7	(\$1,388,277)	11,017.9
-9	(\$4,494,060)	79.62	-8	(\$1,586,603)	11,051.5
-10	(\$4,993,400)	78.97	-9	(\$1,784,928)	11,085.1
****	(\$4,993,400)	78.97	-10	(\$1,983,253)	11,118.6

Equivalent Availability  
Weighting Factor:

-----  
2.09%

Heat Rate  
Weighting Factor:

-----  
3.34%

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## GENERATING PERFORMANCE INCENTIVE POINTS TABLE

Progress Energy Florida  
January 2011 - December 2011

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	\$3,572,600	97.03	10	\$2,271,442	10,214.2
9	\$3,215,340	96.77	9	\$2,044,298	10,237.6
8	\$2,858,080	96.50	8	\$1,817,153	10,261.0
7	\$2,500,820	96.24	7	\$1,590,009	10,284.5
6	\$2,143,560	95.98	6	\$1,362,865	10,307.9
5	\$1,786,300	95.71	5	\$1,135,721	10,331.4
4	\$1,429,040	95.45	4	\$908,577	10,354.8
3	\$1,071,780	95.19	3	\$681,433	10,378.2
2	\$714,520	94.92	2	\$454,288	10,401.7
1	\$357,260	94.66	1	\$227,144	10,425.1
	\$0	94.40	0	\$0	10,448.5
0	\$0	94.40	0.000	\$0	10,449.8 ****
	\$0	94.40	0	\$0	10,523.5
-1	(\$322,050)	93.86	0	\$0	10,598.5
-2	(\$644,100)	93.32	-1	(\$227,144)	10,622.0
-3	(\$966,150)	92.78	-2	(\$454,288)	10,645.4
-4	(\$1,288,200)	92.24	-3	(\$681,433)	10,668.9
-5	(\$1,610,250)	91.70	-4	(\$908,577)	10,692.3
-6	(\$1,932,300)	91.17	-5	(\$1,135,721)	10,715.7
-7	(\$2,254,350)	90.63	-6	(\$1,362,865)	10,739.2
-8	(\$2,576,400)	90.09	-7	(\$1,590,009)	10,762.6
-9	(\$2,898,450)	89.55	-8	(\$1,817,153)	10,786.1
-10	(\$3,220,500)	89.01	-9	(\$2,044,298)	10,809.5
****	(\$3,220,500)	89.01	-10	(\$2,271,442)	10,832.9

Equivalent Availability  
Weighting Factor:

6.01%

Heat Rate  
Weighting Factor:

3.82%

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## GENERATING PERFORMANCE INCENTIVE POINTS TABLE

Progress Energy Florida  
January 2011 - December 2011

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	\$2,589,300	98.63	10	\$2,580,419	10,175.7
9	\$2,330,370	98.51	9	\$2,322,377	10,180.2
8	\$2,071,440	98.39	8	\$2,064,335	10,184.8
7	\$1,812,510	98.27	7	\$1,806,293	10,189.4
6	\$1,553,580	98.14	6	\$1,548,251	10,194.0
5	\$1,294,650	98.02	5	\$1,290,209	10,198.6
4	\$1,035,720	97.90	4	\$1,032,168	10,203.2
3	\$776,790	97.78	3	\$774,126	10,207.8
2	\$517,860	97.65	2	\$516,084	10,212.4
1	\$258,930	97.53	1	\$258,042	10,217.0
	\$0	97.41	0	\$0	10,221.6
0	\$0	97.41	0.000	\$0	- ****
	\$0	97.41	0	\$0	10,296.6
-1	(\$777,540)	97.15	0	\$0	10,371.6
-2	(\$1,555,080)	96.90	-1	(\$258,042)	10,376.1
-3	(\$2,332,620)	96.64	-2	(\$516,084)	10,380.7
-4	(\$3,110,160)	96.39	-3	(\$774,126)	10,385.3
-5	(\$3,887,700)	96.13	-4	(\$1,032,168)	10,389.9
-6	(\$4,665,240)	95.88	-5	(\$1,290,209)	10,394.5
-7	(\$5,442,780)	95.62	-6	(\$1,548,251)	10,399.1
-8	(\$6,220,320)	95.37	-7	(\$1,806,293)	10,403.7
-9	(\$6,997,860)	95.11	-8	(\$2,064,335)	10,408.3
-10	(\$7,775,400)	94.86	-9	(\$2,322,377)	10,412.9
****	(\$7,775,400)	94.86	-10	(\$2,580,419)	10,417.4

Equivalent Availability  
Weighting Factor:

4.36%

Heat Rate  
Weighting Factor:

4.34%

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GENERATING PERFORMANCE INCENTIVE POINTS TABLE

Progress Energy Florida  
January 2011 - December 2011

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	\$3,215,700	87.84	10	\$7,083,700	9,804.3
10	\$3,215,700	87.84	9	\$6,375,330	9,849.0
9	\$2,894,130	87.47	8.419	\$5,963,767	9,875.0 ****
8	\$2,572,560	87.10	8	\$5,666,960	9,893.7
7	\$2,250,990	86.73	7	\$4,958,590	9,938.3
6	\$1,929,420	86.37	6	\$4,250,220	9,983.0
5	\$1,607,850	86.00	5	\$3,541,850	10,027.7
4	\$1,286,280	85.63	4	\$2,833,480	10,072.3
3	\$964,710	85.26	3	\$2,125,110	10,117.0
2	\$643,140	84.89	2	\$1,416,740	10,161.7
1	\$321,570	84.52	1	\$708,370	10,206.3
	\$0	84.15	0	\$0	10,251.0
0	\$0	84.15	0	\$0	10,326.0
	\$0	84.15	0	\$0	10,401.0
-1	(\$932,830)	83.41	-1	(\$708,370)	10,445.7
-2	(\$1,865,660)	82.67	-2	(\$1,416,740)	10,490.3
-3	(\$2,798,490)	81.93	-3	(\$2,125,110)	10,535.0
-4	(\$3,731,320)	81.19	-4	(\$2,833,480)	10,579.7
-5	(\$4,664,150)	80.45	-5	(\$3,541,850)	10,624.3
-6	(\$5,596,980)	79.71	-6	(\$4,250,220)	10,669.0
-7	(\$6,529,810)	78.97	-7	(\$4,958,590)	10,713.7
-8	(\$7,462,640)	78.23	-8	(\$5,666,960)	10,758.3
-9	(\$8,395,470)	77.49	-9	(\$6,375,330)	10,803.0
-10	(\$9,328,300)	76.75	-10	(\$7,083,700)	10,847.6

Equivalent Availability  
Weighting Factor:

5.41%

Heat Rate  
Weighting Factor:

11.92%

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## GENERATING PERFORMANCE INCENTIVE POINTS TABLE

Progress Energy Florida  
January 2011 - December 2011

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	\$3,396,100	88.97	10	\$5,517,075	9,706.9
9	\$3,056,490	88.67	9	\$4,965,367	9,737.1
8	\$2,716,880	88.38	8	\$4,413,660	9,767.3
**** 7.522	\$2,554,546	88.23	7	\$3,861,952	9,797.5
7	\$2,377,270	88.08	6	\$3,310,245	9,827.7
6	\$2,037,660	87.78	5	\$2,758,537	9,858.0
5	\$1,698,050	87.49	4	\$2,206,830	9,888.2
4	\$1,358,440	87.19	3	\$1,655,122	9,918.4
3	\$1,018,830	86.89	2	\$1,103,415	9,948.6
2	\$679,220	86.60	1	\$551,707	9,978.8
1	\$339,610	86.30	0.128	\$70,619	10,005.2 ****
	\$0	86.01	0	\$0	10,009.1
0	\$0	86.01	0	\$0	10,084.1
	\$0	86.01	0	\$0	10,159.1
-1	(\$708,360)	85.40	-1	(\$551,707)	10,189.3
-2	(\$1,416,720)	84.80	-2	(\$1,103,415)	10,219.5
-3	(\$2,125,080)	84.20	-3	(\$1,655,122)	10,249.7
-4	(\$2,833,440)	83.60	-4	(\$2,206,830)	10,279.9
-5	(\$3,541,800)	83.00	-5	(\$2,758,537)	10,310.2
-6	(\$4,250,160)	82.40	-6	(\$3,310,245)	10,340.4
-7	(\$4,958,520)	81.80	-7	(\$3,861,952)	10,370.6
-8	(\$5,666,880)	81.20	-8	(\$4,413,660)	10,400.8
-9	(\$6,375,240)	80.60	-9	(\$4,965,367)	10,431.0
-10	(\$7,083,600)	80.00	-10	(\$5,517,075)	10,461.3

Equivalent Availability  
Weighting Factor:

5.71%

Heat Rate  
Weighting Factor:

9.28%

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## GENERATING PERFORMANCE INCENTIVE POINTS TABLE

Progress Energy Florida  
January 2011 - December 2011

Unit: Hines 1

Equivalent Availability (Points)	Fuel Savings/Loss (\$)	Equivalent Availability (%)	Average Heat Rate (Points)	Fuel Savings/Loss (\$)	Average Heat Rate (BTU/KWH)
10	\$1,217,500	78.11	10	\$5,157,317	7,093.1
9	\$1,095,750	77.92	9	\$4,641,585	7,146.0
8	\$974,000	77.74	8	\$4,125,854	7,198.8
7	\$852,250	77.55	7	\$3,610,122	7,251.7
6	\$730,500	77.36	6	\$3,094,390	7,304.6
5	\$608,750	77.17	5	\$2,578,659	7,357.5
4	\$487,000	76.98	4	\$2,062,927	7,410.3
3	\$365,250	76.79	3	\$1,547,195	7,463.2
2	\$243,500	76.61	2	\$1,031,463	7,516.1
**** 1.731	\$210,749	76.55	1	\$515,732	7,568.9
1	\$121,750	76.42	0	\$0	7,621.8
	\$0	76.23	0	\$0	7,696.8
0	\$0	76.23	0.000	\$0	7,719.1 ****
	\$0	76.23	0	\$0	7,771.8
-1	(\$220,220)	75.85	-1	(\$515,732)	7,824.7
-2	(\$440,440)	75.48	-2	(\$1,031,463)	7,877.5
-3	(\$660,660)	75.10	-3	(\$1,547,195)	7,930.4
-4	(\$880,880)	74.73	-4	(\$2,062,927)	7,983.3
-5	(\$1,101,100)	74.35	-5	(\$2,578,659)	8,036.2
-6	(\$1,321,320)	73.98	-6	(\$3,094,390)	8,089.0
-7	(\$1,541,540)	73.60	-7	(\$3,610,122)	8,141.9
-8	(\$1,761,760)	73.23	-8	(\$4,125,854)	8,194.8
-9	(\$1,981,980)	72.85	-9	(\$4,641,585)	8,247.6
-10	(\$2,202,200)	72.48	-10	(\$5,157,317)	8,300.5

Equivalent Availability  
Weighting Factor:

-----  
2.05%

Heat Rate  
Weighting Factor:

-----  
8.68%

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GENERATING PERFORMANCE INCENTIVE POINTS TABLE

Progress Energy Florida  
January 2011 - December 2011

Unit: Hines 2

Equivalent Availability (Points)	Fuel Savings/Loss (\$)	Equivalent Availability (%)	Average Heat Rate (Points)	Fuel Savings/Loss (\$)	Average Heat Rate (BTU/KWH)	
10	\$940,400	85.42	10	\$4,175,619	6,759.9	
9	\$846,360	85.27	9	\$3,758,057	6,785.0	
8	\$752,320	85.11	8	\$3,340,495	6,810.1	
7	\$658,280	84.96	7	\$2,922,933	6,835.2	
6	\$564,240	84.81	6	\$2,505,371	6,860.3	
5	\$470,200	84.66	5	\$2,087,809	6,885.4	
4	\$376,160	84.50	4	\$1,670,248	6,910.5	
3	\$282,120	84.35	3	\$1,252,686	6,935.6	
2	\$188,080	84.20	2	\$835,124	6,960.7	
1	\$94,040	84.05	1	\$417,562	6,985.8	
****	0.905	\$85,106	84.03	0	\$0	7,010.9
		\$0	83.89	0	\$0	7,085.9
		\$0	83.89	0	\$0	7,160.9
		\$0	83.89	-0.995	(\$415,474)	7,185.9 ****
		(\$248,440)	83.58	-1	(\$417,562)	7,186.0
		(\$496,880)	83.27	-2	(\$835,124)	7,211.1
		(\$745,320)	82.95	-3	(\$1,252,686)	7,236.3
		(\$993,760)	82.64	-4	(\$1,670,248)	7,261.4
		(\$1,242,200)	82.32	-5	(\$2,087,809)	7,286.5
		(\$1,490,640)	82.01	-6	(\$2,505,371)	7,311.6
		(\$1,739,080)	81.69	-7	(\$2,922,933)	7,336.7
		(\$1,987,520)	81.38	-8	(\$3,340,495)	7,361.8
		(\$2,235,960)	81.07	-9	(\$3,758,057)	7,386.9
		(\$2,484,400)	80.75	-10	(\$4,175,619)	7,412.0

Equivalent Availability  
Weighting Factor:

-----  
1.58%

Heat Rate  
Weighting Factor:

-----  
7.03%

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## GENERATING PERFORMANCE INCENTIVE POINTS TABLE

Progress Energy Florida  
January 2011 - December 2011

Unit: Hines 3

Equivalent Availability (Points)	Fuel Savings/Loss (\$)	Equivalent Availability (%)	Average Heat Rate (Points)	Fuel Savings/Loss (\$)	Average Heat Rate (BTU/KWH)
****					
10	\$691,200	89.44	10	\$5,431,115	6,930.2
10	\$691,200	89.44	9	\$4,888,003	6,960.7
9	\$622,080	89.28	8	\$4,344,892	6,991.1
8	\$552,960	89.13	7	\$3,801,780	7,021.6
7	\$483,840	88.97	6	\$3,258,669	7,052.1
6	\$414,720	88.81	5	\$2,715,557	7,082.5
5	\$345,600	88.65	4	\$2,172,446	7,113.0
4	\$276,480	88.49	3	\$1,629,334	7,143.5
3	\$207,360	88.33	2	\$1,086,223	7,173.9
2	\$138,240	88.17	1	\$543,111	7,204.4
1	\$69,120	88.01	0	\$0	7,234.9
	\$0	87.85	0	\$0	7,309.9
0	\$0	87.85	0	\$0	7,384.9
	\$0	87.85	-0.903	(\$490,430)	7,412.4 ****
-1	(\$325,600)	87.53	-1	(\$543,111)	7,415.3
-2	(\$651,200)	87.20	-2	(\$1,086,223)	7,445.8
-3	(\$976,800)	86.88	-3	(\$1,629,334)	7,476.3
-4	(\$1,302,400)	86.55	-4	(\$2,172,446)	7,506.7
-5	(\$1,628,000)	86.23	-5	(\$2,715,557)	7,537.2
-6	(\$1,953,600)	85.90	-6	(\$3,258,669)	7,567.7
-7	(\$2,279,200)	85.58	-7	(\$3,801,780)	7,598.1
-8	(\$2,604,800)	85.25	-8	(\$4,344,892)	7,628.6
-9	(\$2,930,400)	84.93	-9	(\$4,888,003)	7,659.1
-10	(\$3,256,000)	84.60	-10	(\$5,431,115)	7,689.6

Equivalent Availability  
Weighting Factor:

-----  
1.16%

Heat Rate  
Weighting Factor:

-----  
9.14%

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GENERATING PERFORMANCE INCENTIVE POINTS TABLE

Progress Energy Florida  
January 2011 - December 2011

Unit: Hines 4

	Equivalent Availability (Points)	Fuel Savings/Loss (\$)	Equivalent Availability (%)	Average Heat Rate (Points)	Fuel Savings/Loss (\$)	Average Heat Rate (BTU/KWH)
****	10	\$987,500	85.89	10	\$5,263,578	6,701.7
	10	\$987,500	85.89	9	\$4,737,220	6,730.1
	9	\$888,750	85.67	8	\$4,210,863	6,758.4
	8	\$790,000	85.46	7	\$3,684,505	6,786.8
	7	\$691,250	85.24	6	\$3,158,147	6,815.1
	6	\$592,500	85.02	5	\$2,631,789	6,843.4
	5	\$493,750	84.80	4	\$2,105,431	6,871.8
	4	\$395,000	84.58	3	\$1,579,073	6,900.1
	3	\$296,250	84.37	2	\$1,052,716	6,928.5
	2	\$197,500	84.15	1	\$526,358	6,956.8
	1	\$98,750	83.93	0	\$0	6,985.1
		\$0	83.71	0	\$0	7,060.1
	0	\$0	83.71	0.000	\$0	7,068.8 ****
		\$0	83.71	0	\$0	7,135.1
	-1	(\$333,190)	83.27	-1	(\$526,358)	7,163.5
	-2	(\$666,380)	82.82	-2	(\$1,052,716)	7,191.8
	-3	(\$999,570)	82.38	-3	(\$1,579,073)	7,220.2
	-4	(\$1,332,760)	81.94	-4	(\$2,105,431)	7,248.5
	-5	(\$1,665,950)	81.49	-5	(\$2,631,789)	7,276.8
	-6	(\$1,999,140)	81.05	-6	(\$3,158,147)	7,305.2
	-7	(\$2,332,330)	80.60	-7	(\$3,684,505)	7,333.5
	-8	(\$2,665,520)	80.16	-8	(\$4,210,863)	7,361.9
	-9	(\$2,998,710)	79.72	-9	(\$4,737,220)	7,390.2
	-10	(\$3,331,900)	79.27	-10	(\$5,263,578)	7,418.5

Equivalent Availability  
Weighting Factor:

-----  
1.66%

Heat Rate  
Weighting Factor:

-----  
8.86%

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## GENERATING PERFORMANCE INCENTIVE POINTS TABLE

Progress Energy Florida  
January 2011 - December 2011

Unit: Tiger Bay

Equivalent Availability (Points)	Fuel Savings/Loss (\$)	Equivalent Availability (%)	Average Heat Rate (Points)	Fuel Savings/Loss (\$)	Average Heat Rate (BTU/KWH)
****					
10	\$798,500	87.98	10	\$1,323,413	7,502.2
10	\$798,500	87.98	9	\$1,191,072	7,541.9
9	\$718,650	87.32	8	\$1,058,730	7,581.7
8	\$638,800	86.66	7	\$926,389	7,621.5
7	\$558,950	86.00	6	\$794,048	7,661.2
6	\$479,100	85.34	5	\$661,707	7,701.0
5	\$399,250	84.68	4	\$529,365	7,740.8
4	\$319,400	84.02	3	\$397,024	7,780.5
3	\$239,550	83.36	2	\$264,683	7,820.3
2	\$159,700	82.70	1	\$132,341	7,860.1
1	\$79,850	82.04	0	\$0	7,899.8
	\$0	81.38	0	\$0	7,974.8
0	\$0	81.38	0	\$0	8,049.8
	\$0	81.38	-1	(\$132,341)	8,089.6
-1	(\$285,270)	80.16	-2	(\$264,683)	8,129.3
-2	(\$570,540)	78.94	-3	(\$397,024)	8,169.1
-3	(\$855,810)	77.72	-3.613	(\$478,149)	8,193.5 ****
-4	(\$1,141,080)	76.50	-4	(\$529,365)	8,208.9
-5	(\$1,426,350)	75.28	-5	(\$661,707)	8,248.6
-6	(\$1,711,620)	74.07	-6	(\$794,048)	8,288.4
-7	(\$1,996,890)	72.85	-7	(\$926,389)	8,328.2
-8	(\$2,282,160)	71.63	-8	(\$1,058,730)	8,367.9
-9	(\$2,567,430)	70.41	-9	(\$1,191,072)	8,407.7
-10	(\$2,852,700)	69.19	-10	(\$1,323,413)	8,447.4

Equivalent Availability  
Weighting Factor:

1.34%

Heat Rate  
Weighting Factor:

2.23%

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## ACTUAL UNIT PERFORMANCE DATA

## Progress Energy Florida

Crystal River 1	Jan-11	Feb-11	Mar-11	Apr-11	May-11	Jun-11	Jul-11	Aug-11	Sep-11	Oct-11	Nov-11	Dec-11	Jan-Dec Period
1. EAF	5.31	0.00	28.55	94.47	92.12	95.52	88.64	74.52	70.15	19.90	97.35	100.00	64.13
2. PH	744	672	743	720	744	720	744	744	720	744	721	744	8,760
3. SH	39.5	0.0	212.1	695.2	698.3	711.7	744.0	744.0	525.8	0.0	709.0	551.0	5,630.6
4. RSH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	148.0	0.0	193.0	341.0
5. UH	704.5	672.0	530.9	24.8	45.8	8.3	0.0	0.0	194.2	596.0	12.0	0.0	2,788.4
6. POH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	194.2	455.0	0.0	0.0	649.2
7. FOH	704.5	672.0	530.9	0.0	0.0	8.3	0.0	0.0	0.0	97.0	12.0	0.0	2,024.7
8. MOH	0.0	0.0	0.0	24.8	45.8	0.0	0.0	0.0	0.0	44.0	0.0	0.0	114.6
9. PPOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10. LR PP (MW)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11. PFOH	0.0	0.0	0.0	76.9	56.5	25.1	222.7	630.2	25.8	0.0	43.3	0.0	1,080.5
12. LR PF (MW)	0.0	0.0	0.0	40.7	15.0	16.4	95.3	106.8	24.5	0.0	61.4	0.0	89.0
13. PMOH	0.0	0.0	0.0	15.0	19.5	42.0	51.3	31.6	35.0	0.0	0.0	0.0	194.4
14. LR PM (MW)	0.0	0.0	0.0	166.0	204.0	204.0	204.0	120.3	204.0	0.0	0.0	0.0	187.5
15. NSC (MW)	375	375	375	375	375	375	375	375	375	375	375	375	375
16. OPER MBTU	62,354	6	470,347	1,771,744	1,627,110	1,524,341	1,516,535	1,443,863	946,204	16,114	1,228,843	794,106	11,401,566
17. NET GEN (MWH)	5,988	0	43,608	162,601	152,033	139,708	136,054	127,184	86,525	0	114,326	71,403	1,039,430
18. ANOHR (BTU/KWH)	10,413.1	0.0	10,785.8	10,896.3	10,702.3	10,910.9	11,146.6	11,352.6	10,935.6	0.0	10,748.6	11,121.5	10,969.1
19. NOF (%)	40.43	0.00	54.82	62.37	58.06	52.35	48.76	45.59	43.88	0.00	43.00	34.56	49.23
20. NPC (MW)	375	375	375	375	375	375	375	375	375	375	375	375	375
ANOHR EQUATION:	ANOHR=	-15.426	x NOF +	11,465.74									

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## ACTUAL UNIT PERFORMANCE DATA

## Progress Energy Florida

Crystal River 2	Jan-11	Feb-11	Mar-11	Apr-11	May-11	Jun-11	Jul-11	Aug-11	Sep-11	Oct-11	Nov-11	Dec-11	Jan-Dec Period
1. EAF	50.07	0.00	0.00	87.86	91.87	95.07	97.85	89.78	77.54	99.91	98.37	88.72	73.52
2. PH	744	672	743	720	744	720	744	744	720	744	721	744	8,760
3. SH	373.0	0.0	0.0	638.4	699.0	720.0	744.0	744.0	583.9	744.0	721.0	660.1	6,627.5
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	371.0	672.0	743.0	81.6	45.0	0.0	0.0	0.0	136.1	0.0	0.0	83.9	2,132.5
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	371.0	672.0	743.0	81.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	83.9	1,951.5
8. MOH	0.0	0.0	0.0	0.0	45.0	0.0	0.0	0.0	136.1	0.0	0.0	0.0	181.1
9. PPOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10. LR PP (MW)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11. PFOH	5.2	0.0	0.0	42.3	24.5	5.0	4.6	65.4	17.7	0.0	0.0	0.0	164.6
12. LR PF (MW)	50.0	0.0	0.0	61.6	84.2	106.1	35.6	123.1	79.4	0.0	0.0	0.0	91.6
13. PMOH	0.0	0.0	0.0	2.3	18.1	56.4	24.0	97.6	40.0	1.0	18.0	0.0	257.5
14. LR PM (MW)	0.0	0.0	0.0	112.2	309.4	301.8	322.0	302.2	281.8	322.0	322.0	0.0	301.0
15. NSC (MW)	494	494	494	494	494	494	494	494	494	494	494	494	494
16. OPER MBTU	1,063,316	6	0	1,850,686	2,015,815	1,913,638	1,967,744	1,976,565	1,439,268	1,368,005	1,685,227	1,257,716	16,537,984
17. NET GEN (MWH)	105,676	0	0	179,890	201,317	187,372	189,915	190,954	136,650	120,155	162,873	114,297	1,589,099
18. ANOHR (BTU/KWH)	10,062.0	0.0	0.0	10,287.9	10,013.1	10,213.0	10,361.2	10,351.0	10,532.5	11,385.3	10,346.9	11,003.9	10,407.1
19. NOF (%)	57.35	0.00	0.00	57.04	58.30	52.68	51.67	51.96	47.37	32.69	45.73	35.05	48.54
20. NPC (MW)	494	494	494	494	494	494	494	494	494	494	494	494	494
ANOHR EQUATION:	ANOHR=	-20.683	x NOF +	11,484.81									

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ACTUAL UNIT PERFORMANCE DATA

Progress Energy Florida

Crystal River 3	Jan-11	Feb-11	Mar-11	Apr-11	May-11	Jun-11	Jul-11	Aug-11	Sep-11	Oct-11	Nov-11	Dec-11	Jan-Dec Period
1. EAF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2. PH	744	672	743	720	744	720	744	744	720	744	721	744	8,760
3. SH	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
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	744.0	672.0	743.0	720.0	744.0	720.0	744.0	744.0	720.0	744.0	721.0	744.0	8,760.0
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	744.0	672.0	743.0	720.0	744.0	720.0	744.0	744.0	720.0	744.0	721.0	744.0	8,760.0
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. PPOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10. LR PP (MW)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11. PFOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12. LR PF (MW)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13. PMOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14. LR PM (MW)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15. NSC (MW)	789	789	789	789	789	789	789	789	789	789	789	789	789
16. OPER MBTU	0	0	0	0	0	0	0	0	0	0	0	0	0
17. NET GEN (MWH)	0	0	0	0	0	0	0	0	0	0	0	0	0
18. ANOHR (BTU/KWH)	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
19. NOF (%)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20. NPC (MW)	789	789	789	789	789	789	789	789	789	789	789	789	789
ANOHR EQUATION:	ANOHR=	-7.909	x NOF +	11,077.30									

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## ACTUAL UNIT PERFORMANCE DATA

## Progress Energy Florida

Crystal River 4	Jan-11	Feb-11	Mar-11	Apr-11	May-11	Jun-11	Jul-11	Aug-11	Sep-11	Oct-11	Nov-11	Dec-11	Jan-Dec Period
1. EAF	98.25	93.48	98.97	70.53	99.86	90.41	87.65	99.94	97.71	88.36	0.00	40.44	80.52
2. PH	744	672	743	720	744	720	744	744	720	744	721	744	8,760
3. SH	744.0	669.6	743.0	513.7	744.0	656.0	680.3	744.0	720.0	662.9	0.0	300.9	7,178.3
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	2.4	0.0	206.3	0.0	64.0	63.7	0.0	0.0	81.2	721.0	443.2	1,581.7
6. POH	0.0	0.0	0.0	203.0	0.0	0.0	0.0	0.0	0.0	81.2	721.0	443.2	1,448.3
7. FOH	0.0	2.4	0.0	3.3	0.0	8.6	63.7	0.0	0.0	0.0	0.0	0.0	78.1
8. MOH	0.0	0.0	0.0	0.0	0.0	55.4	0.0	0.0	0.0	0.0	0.0	0.0	55.4
9. PPOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10. LR PP (MW)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11. PFOH	0.0	139.2	11.1	0.0	0.0	26.3	36.3	0.0	0.0	0.0	0.0	0.0	212.9
12. LR PF (MW)	0.0	102.2	211.0	0.0	0.0	84.2	333.7	0.0	0.0	0.0	0.0	0.0	145.1
13. PMOH	43.3	33.0	12.0	21.4	7.0	13.8	25.7	4.0	28.3	12.0	0.0	0.0	200.4
14. LR PM (MW)	209.6	445.9	251.0	192.3	100.4	93.8	294.6	80.1	406.7	318.0	0.0	0.0	280.1
15. NSC (MW)	699	699	699	699	699	699	699	699	699	699	699	699	699
16. OPER MBTU	3,731,031	3,549,751	3,813,915	3,118,504	4,949,436	3,636,463	3,788,145	4,182,930	3,772,755	3,209,781	0	1,214,847	38,967,558
17. NET GEN (MWH)	377,253	337,459	385,345	317,554	487,578	369,860	382,919	424,922	379,981	321,907	0	115,742	3,900,520
18. ANOHR (BTU/KWH)	9,890.0	10,519.1	9,897.4	9,820.4	10,151.1	9,832.0	9,892.8	9,844.0	9,928.8	9,971.1	0.0	10,496.2	9,990.3
19. NOF (%)	72.54	72.10	74.20	88.43	93.75	80.66	80.53	81.71	75.50	69.48	0.00	55.04	77.74
20. NPC (MW)	699	699	699	699	699	699	699	699	699	699	699	699	699
ANOHR EQUATION:	ANOHR=	-27.423	x NOF +	12,573.16									

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ACTUAL UNIT PERFORMANCE DATA

Progress Energy Florida

Crystal River 5	Jan-11	Feb-11	Mar-11	Apr-11	May-11	Jun-11	Jul-11	Aug-11	Sep-11	Oct-11	Nov-11	Dec-11	Jan-Dec Period
1. EAF	90.34	96.44	97.64	71.68	31.12	93.51	98.12	93.35	97.43	92.77	96.32	99.19	88.08
2. PH	744	672	743	720	744	720	744	744	720	744	721	744	8,760
3. SH	690.9	669.4	743.0	538.7	236.7	678.9	737.6	706.8	720.0	701.3	721.0	744.0	7,888.3
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	53.2	2.6	0.0	181.3	507.3	41.1	6.4	37.2	0.0	42.7	0.0	0.0	871.7
6. POH	0.0	0.0	0.0	179.2	507.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	686.5
7. FOH	0.0	2.8	0.0	2.1	0.0	5.0	6.4	37.2	0.0	5.0	0.0	0.0	58.3
8. MOH	53.2	0.0	0.0	0.0	0.0	36.0	0.0	0.0	0.0	37.7	0.0	0.0	126.9
9. PPOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10. LR PP (MW)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11. PFOH	0.0	34.0	0.0	0.0	0.0	17.8	30.5	18.3	1.5	0.0	8.6	0.0	110.6
12. LR PF (MW)	0.0	63.1	0.0	0.0	0.0	111.0	119.1	80.0	99.0	0.0	283.8	0.0	106.6
13. PMOH	100.4	29.8	96.4	57.8	21.1	71.2	31.0	21.7	54.8	86.3	39.0	18.5	626.0
14. LR PM (MW)	130.2	429.8	127.1	273.3	169.6	27.6	54.5	327.4	233.4	89.5	413.5	227.5	173.7
15. NSC (MW)	699	699	699	699	699	699	699	699	699	699	699	699	699
16. OPER MBTU	3,876,096	3,603,694	3,883,082	3,256,147	1,247,404	4,051,366	4,349,125	3,913,646	3,810,604	3,010,479	3,926,171	3,882,940	42,810,754
17. NET GEN (MWH)	369,466	362,641	385,076	330,144	136,218	394,102	429,491	401,219	370,189	279,355	385,470	360,167	4,203,538
18. ANOHR (BTU/KWH)	10,491.1	9,937.4	10,083.9	9,862.8	9,157.4	10,280.0	10,126.2	9,754.4	10,293.7	10,776.5	10,185.4	10,780.9	10,184.5
19. NOF (%)	76.51	77.50	74.14	87.68	82.34	83.04	83.30	81.21	73.56	56.99	76.49	69.26	76.23
20. NPC (MW)	699	699	699	699	699	699	699	699	699	699	699	699	699
ANOHR EQUATION:	ANOHR=	-16.579	x NOF +	11,527.23									

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## ACTUAL UNIT PERFORMANCE DATA

## Progress Energy Florida

Hines 1	Jan-11	Feb-11	Mar-11	Apr-11	May-11	Jun-11	Jul-11	Aug-11	Sep-11	Oct-11	Nov-11	Dec-11	Jan-Dec Period
1. EAF	91.45	91.09	80.71	0.00	7.90	95.44	99.82	94.20	96.29	99.93	44.94	100.00	75.03
2. PH	744	672	743	720	744	720	744	744	720	744	721	744	8,780
3. SH	685.4	621.0	600.9	0.0	62.3	712.8	744.0	744.0	720.0	744.0	277.2	744.0	6,655.7
4. RSH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	47.5	0.0	47.5
5. UH	58.6	51.0	142.1	720.0	681.7	7.2	0.0	0.0	0.0	0.0	396.3	0.0	2,056.8
6. POH	0.0	0.0	142.1	720.0	596.4	0.0	0.0	0.0	0.0	0.0	395.8	0.0	1,854.2
7. FOH	0.0	15.4	0.0	0.0	85.3	7.2	0.0	0.0	0.0	0.0	0.5	0.0	108.4
8. MOH	58.6	35.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	94.2
9. PPOH	0.0	0.0	0.0	0.0	34.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	34.1
10. LR PP (MW)	0.0	0.0	0.0	0.0	188.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	188.9
11. PFOH	8.2	20.3	2.8	0.0	5.2	61.2	0.0	291.0	68.2	0.0	0.0	0.0	456.9
12. LR PF (MW)	282.1	202.0	202.2	0.0	190.4	193.4	0.0	64.8	177.8	0.0	0.0	0.0	111.2
13. PMOH	0.0	0.0	0.0	0.0	5.0	0.0	3.2	5.6	1.1	1.2	1.6	0.0	17.6
14. LR PM (MW)	0.0	0.0	0.0	0.0	132.0	0.0	197.8	191.9	208.0	207.4	197.6	0.0	178.4
15. NSC (MW)	462	462	462	462	462	462	462	462	462	462	462	462	462
16. OPER MBTU	2,014,932	1,149,370	2,008,085	0	97,612	2,051,900	2,326,486	2,267,157	2,130,285	2,411,034	853,417	2,562,679	19,892,958
17. NET GEN (MWH)	278,460	155,280	281,064	0	6,592	275,972	325,805	313,132	294,672	330,236	126,400	362,105	2,749,718
18. ANOHR (BTU/KWH)	7,236.0	7,401.9	7,144.6	0.0	14,807.7	7,435.2	7,140.7	7,304.1	7,229.3	7,300.9	6,751.7	7,077.2	7,234.5
19. NOF (%)	87.94	54.12	101.24	0.00	22.89	83.80	94.79	91.10	88.59	98.07	98.69	105.35	89.42
20. NPC (MW)	462	462	462	462	462	462	462	462	462	462	462	462	462
ANOHR EQUATION:	ANOHR=	-24.789	x NOF +	9,429.05									

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## ACTUAL UNIT PERFORMANCE DATA

## Progress Energy Florida

Hines 2	Jan-11	Feb-11	Mar-11	Apr-11	May-11	Jun-11	Jul-11	Aug-11	Sep-11	Oct-11	Nov-11	Dec-11	Jan-Dec Period
1. EAF	95.83	99.61	0.00	58.23	98.88	100.00	99.90	98.99	98.48	100.00	37.05	85.69	79.34
2. PH	744	672	743	720	744	720	744	744	720	744	721	744	8,760
3. SH	744.0	671.4	0.0	509.5	744.0	720.0	744.0	744.0	720.0	744.0	267.1	523.6	7,131.7
4. RSH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	153.0	153.0
5. UH	0.0	0.6	743.0	210.5	0.0	0.0	0.0	0.0	0.0	0.0	453.9	67.5	1,475.4
6. POH	0.0	0.6	743.0	210.5	0.0	0.0	0.0	0.0	0.0	0.0	453.9	1.8	1,409.7
7. FOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8. MOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	65.7	65.7
9. PPOH	0.0	73.4	0.0	218.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	291.6
10. LR PP (MW)	0.0	230.0	0.0	246.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	242.0
11. PFOH	0.0	4.4	0.0	3.1	0.0	0.0	0.0	5.0	18.1	0.0	0.0	62.8	93.4
12. LR PF (MW)	0.0	229.8	0.0	271.2	0.0	0.0	0.0	280.2	261.3	0.0	0.0	222.2	238.7
13. PMOH	66.1	0.0	0.0	176.4	16.7	0.0	2.4	14.6	1.8	0.0	0.0	26.5	304.4
14. LR PM (MW)	230.0	0.0	0.0	246.0	246.0	0.0	158.2	157.9	157.4	0.0	0.0	195.0	232.7
15. NSC (MW)	490	490	490	490	490	490	490	490	490	490	490	490	490
16. OPER MBTU	1,960,405	1,989,336	0	998,294	2,359,176	2,193,746	2,214,190	2,425,246	2,275,210	2,361,814	876,078	1,635,257	21,288,752
17. NET GEN (MWH)	269,371	275,872	0	140,025	330,299	306,287	312,762	332,018	319,108	332,541	133,174	227,253	2,978,710
18. ANOHR (BTU/KWH)	7,277.7	7,211.1	0.0	7,129.4	7,142.5	7,162.4	7,079.5	7,304.6	7,129.9	7,102.3	6,578.4	7,195.8	7,147.0
19. NOF (%)	73.89	63.85	0.00	56.08	90.60	86.82	85.79	91.07	90.45	91.22	101.74	68.58	85.24
20. NPC (MW)	490	490	490	490	490	490	490	490	490	490	490	490	490
ANOHR EQUATION:	ANOHR=	-4.518	x NOF +	7,432.11									

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## ACTUAL UNIT PERFORMANCE DATA

## Progress Energy Florida

Hines 3	Jan-11	Feb-11	Mar-11	Apr-11	May-11	Jun-11	Jul-11	Aug-11	Sep-11	Oct-11	Nov-11	Dec-11	Jan-Dec Period
1. EAF	97.81	100.00	100.00	66.73	58.32	99.86	99.97	99.08	94.06	99.96	83.30	66.62	88.57
2. PH	744	672	743	720	744	720	744	744	720	744	721	744	8,780
3. SH	744.0	672.0	743.0	480.4	434.7	720.0	744.0	744.0	681.4	744.0	601.4	502.1	7,811.1
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	239.6	309.3	0.0	0.0	0.0	38.6	0.0	119.6	241.9	948.9
6. POH	0.0	0.0	0.0	239.6	309.3	0.0	0.0	0.0	0.0	0.0	119.6	241.9	910.3
7. FOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.1	0.0	0.0	0.0	2.1
8. MOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	36.5	0.0	0.0	0.0	36.5
9. PPOH	0.0	0.0	0.0	0.0	15.9	0.0	0.0	0.0	0.0	0.0	0.0	25.5	41.4
10. LR PP (MW)	0.0	0.0	0.0	0.0	276.0	0.0	0.0	0.0	0.0	0.0	0.0	124.4	182.8
11. PFOH	0.0	0.0	0.0	0.0	1.7	3.1	0.0	18.4	7.9	0.2	0.0	6.8	38.0
12. LR PF (MW)	0.0	0.0	0.0	0.0	228.5	158.0	0.0	125.0	240.8	123.1	0.0	125.0	156.3
13. PMOH	35.7	0.0	0.0	0.0	0.0	0.0	1.0	8.5	1.1	1.0	3.2	18.4	68.8
14. LR PM (MW)	223.0	0.0	0.0	0.0	0.0	0.0	125.0	125.0	125.4	124.6	125.3	126.5	176.2
15. NSC (MW)	488	488	488	488	488	488	488	488	488	488	488	488	488
16. OPER MBTU	2,151,421	1,780,738	2,483,047	1,555,926	1,399,174	2,284,564	2,387,750	2,291,431	2,265,810	2,350,348	2,189,313	1,553,271	24,692,793
17. NET GEN (MWH)	294,452	246,616	345,565	221,081	185,822	317,254	320,584	333,111	311,340	335,511	299,534	210,640	3,421,510
18. ANOHR (BTU/KWH)	7,306.5	7,220.7	7,185.5	7,037.8	7,529.6	7,201.1	7,448.1	6,878.9	7,277.6	7,005.3	7,309.1	7,374.1	7,216.9
19. NOF (%)	81.10	75.20	95.31	94.30	87.60	90.29	88.30	91.75	93.63	92.41	102.06	85.96	89.76
20. NPC (MW)	488	488	488	488	488	488	488	488	488	488	488	488	488
ANOHR EQUATION:	ANOHR=	-17.763	x NOF +	8,708.82									

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## ACTUAL UNIT PERFORMANCE DATA

## Progress Energy Florida

Hines 4	Jan-11	Feb-11	Mar-11	Apr-11	May-11	Jun-11	Jul-11	Aug-11	Sep-11	Oct-11	Nov-11	Dec-11	Jan-Dec Period
1. EAF	100.00	100.00	44.62	97.40	96.46	94.84	99.82	99.58	99.92	61.09	27.45	98.70	80.89
2. PH	744	672	743	720	744	720	744	744	720	744	721	744	8,760
3. SH	744.0	672.0	333.6	720.0	744.0	720.0	744.0	744.0	720.0	454.5	198.8	550.9	7,345.8
4. RSH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	183.4	183.4
5. UH	0.0	0.0	409.4	0.0	0.0	0.0	0.0	0.0	0.0	289.5	522.2	9.7	1,230.8
6. POH	0.0	0.0	409.4	0.0	0.0	0.0	0.0	0.0	0.0	289.5	463.5	0.0	1,162.4
7. FOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	58.7	0.0	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	9.7	9.7
9. PPOH	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	118.4	257.5	408.3	784.9
10. LR PP (MW)	0.0	0.0	211.1	0.0	0.0	0.0	0.0	0.0	0.0	228.0	177.5	230.0	212.5
11. PFOH	0.0	0.0	4.6	42.7	58.7	3.6	1.7	3.8	0.0	0.0	5.7	0.0	120.7
12. LR PF (MW)	0.0	0.0	212.2	207.0	212.0	227.0	144.7	145.0	0.0	0.0	69.0	0.0	200.9
13. PMOH	0.0	0.0	0.0	0.0	0.0	73.6	2.6	6.5	1.8	0.0	0.0	0.0	84.4
14. LR PM (MW)	0.0	0.0	0.0	0.0	0.0	227.2	145.2	144.9	144.7	0.0	0.0	0.0	216.6
15. NSC (MW)	472	472	472	472	472	472	472	472	472	472	472	472	472
16. OPER MBTU	2,058,025	2,052,601	1,072,882	2,259,123	2,264,581	2,050,154	2,421,575	2,427,029	2,314,622	1,191,097	295,155	1,050,921	21,457,565
17. NET GEN (MWH)	295,879	298,091	158,192	322,848	329,167	294,197	345,448	340,586	332,582	174,748	42,057	150,531	3,084,326
18. ANOHR (BTU/KWH)	6,955.6	6,885.8	6,780.9	6,997.5	6,879.7	6,968.6	7,010.0	7,126.0	6,959.6	6,816.1	7,018.0	6,981.4	6,957.0
19. NOF (%)	84.26	93.98	100.46	95.00	93.73	86.57	98.37	96.99	97.86	81.46	44.83	57.89	88.96
20. NPC (MW)	472	472	472	472	472	472	472	472	472	472	472	472	472
ANOHR EQUATION:	ANOHR=	-10.740	x NOF +	7,903.67									

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## ACTUAL UNIT PERFORMANCE DATA

## Progress Energy Florida

Tiger Bay	Jan-11	Feb-11	Mar-11	Apr-11	May-11	Jun-11	Jul-11	Aug-11	Sep-11	Oct-11	Nov-11	Dec-11	Jan-Dec Period
1. EAF	37.70	54.42	100.00	100.00	96.81	88.09	98.17	100.00	100.00	100.00	100.00	32.49	84.07
2. PH	744	672	743	720	744	720	744	744	720	744	721	744	8,760
3. SH	280.5	286.0	743.0	720.0	720.3	634.2	730.4	744.0	720.0	117.1	496.1	105.5	6,297.1
4. RSH	0.0	79.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	628.9	224.9	136.3	1,067.7
5. UH	463.5	306.3	0.0	0.0	23.7	85.8	13.6	0.0	0.0	0.0	0.0	502.3	1,395.2
6. POH	451.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	442.3	893.7
7. FOH	0.0	0.0	0.0	0.0	0.0	0.0	13.6	0.0	0.0	0.0	0.0	0.0	13.6
8. MOH	12.1	306.3	0.0	0.0	23.7	85.8	0.0	0.0	0.0	0.0	0.0	60.0	487.9
9. PPOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10. LR PP (MW)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11. PFOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12. LR PF (MW)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13. PMOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14. LR PM (MW)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15. NSC (MW)	205	205	205	205	205	205	205	205	205	205	205	205	205
16. OPER MBTU	401,065	461,284	1,135,452	1,054,988	1,026,577	901,931	1,066,818	1,092,886	1,046,331	150,644	782,988	158,566	9,279,510
17. NET GEN (MWH)	51,239	58,171	149,688	137,027	134,296	114,590	137,944	142,378	138,861	23,341	100,514	21,200	1,209,049
18. ANOHR (BTU/KWH)	7,827.3	7,929.8	7,585.5	7,699.1	7,644.1	7,870.9	7,733.7	7,675.9	7,546.0	6,454.1	7,789.6	7,479.5	7,675.0
19. NOF (%)	89.11	99.22	98.28	92.84	90.95	88.14	92.13	93.35	93.94	97.21	98.83	98.05	93.66
20. NPC (MW)	205	205	205	205	205	205	205	205	205	205	205	205	205
ANOHR EQUATION:	ANOHR=	-28.291	x NOF +	10,106.10									

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PLANNED OUTAGE SCHEDULES  
ACTUAL

Progress Energy Florida  
January 2011 - December 2011

<u>Plant/Unit</u>	<u>Planned Outage Dates</u>	<u>Reason for Outage</u>
Crystal River 1	09/22 (2200) - 10/19 (2300)	Condenser Retube, Turbine Valve
Crystal River 4	04/09 (0200) - 04/17 (1300)	Scrubber Performance Warranty
Crystal River 4	10/28 (1500) - 12/19 (1100)	Generator Rewind
Crystal River 5	04/23 (1300) - 05/22 (0300)	Boiler Inspection
Hines 1	03/26 (0200) - 05/27 (2200)	Combustion Inspection, Turbine Overhaul
Hines 1	11/05 (0000) - 11/21 (1100)	Boroscope Inspection
Hines 2	02/25 (2200) - 04/18 (2100)	Major, Turbine Valve
Hines 2	11/12 (0200) - 12/01 (0200)	Combustion Inspection
Hines 3	04/21 (0000) - 05/14 (1300)	Combustion Inspection
Hines 3	11/26 (0000) - 12/11 (0200)	Combustion Inspection
Hines 4	03/11 (2300) - 03/29 (0200)	Turbine Valve
Hines 4	10/15 (0000) - 12/18 (0000)	Combustion Inspection
Tiger Bay	01/01 (0000) - 01/19 (1900)	Generator Rotor
Tiger Bay	12/02 (2300) - 12/21 (0900)	Balance of Plant

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Planned Outage Schedule - Actual												
January 2011 - December 2011												
	January	February	March	April	May	June	July	August	September	October	November	December
<b>Crystal River 1</b>									Condenser Retube 9/22 [redacted] 10/19 25 days			
<b>Crystal River 4</b>				Scrubber Warranty 4/9 [redacted] 4/17 9 days						10/28 [redacted] 12/19 51 days		
<b>Crystal River 5</b>				Boiler Inspection 4/23 [redacted] 5/22 28 days								
<b>Hines 1</b>				Combustion Inspection, Turbine Overhaul 3/26 [redacted] 5/27 63 days						Boroscope Inspection 11/5 [redacted] 11/21 16 days		
<b>Hines 2</b>		2/25 [redacted] 4/18 52 days								Combustion Inspection 11/12 [redacted] 12/1 19 days		
<b>Hines 3</b>				Combustion Inspection 4/21 [redacted] 5/14 24 days						Combustion Inspection 11/26 [redacted] 12/11 15 days		
<b>Hines 4</b>			Turbine Valve 3/11 [redacted] 3/29 17 days							10/15 [redacted] 12/18 64 days		
<b>Tiger Bay</b>	Generator Rotor 1/1 [redacted] 1/19 19 days										Balance of Plant 12/2 [redacted] 12/21 18 days	

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