BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

DOCKET NO. 050001-EI FLORIDA POWER & LIGHT COMPANY

April 1, 2005

GENERATING PERFORMANCE INCENTIVE FACTOR PERFORMANCE RESULTS FOR

JANUARY 2004 THROUGH DECEMBER 2004

TESTIMONY & EXHIBITS OF:

P. SONNELITTER

DOCUMENT NO. 4-1-05 03214-05

1		
2		BEFORE THE PUBLIC SERVICE COMMISSION
3		FLORIDA POWER & LIGHT COMPANY
4		TESTIMONY OF PAMELA SONNELITTER
5		DOCKET NO. 050001-EI
6		APRIL 1, 2005
7		
8	Q.	Please state your name and business address.
9	A.	My name is Pamela Sonnelitter and my business address is
10		700 Universe Boulevard, Juno Beach, Florida 33408.
11		
12	Q.	Would you please state your present position with Florida
13		Power and Light Company (FPL).
14	Α.	I am the General Manager of Business Services in the Power
15		Generation Division of FPL
16		
17	Q.	Have you previously testified in the predecessor to this
18		Docket?
19	A.	Yes, I have
20		
21	Q.	What is the purpose of your testimony?
22	Α.	The purpose of my testimony is to report the actual
23		performance for the Equivalent Availability Factor (EAF) and
24		Average Net Operating Heat Rate (ANOHR) for the sixteen
25		(16) generating units used to determine the Generating

1		Performance Incentive Factor (GPIF). I have compared the
2		actual performance of each unit to the targets that were
3		approved in Commission Order No. PSC-03-1461-FOF-El
4		issued December 22, 2003, for the period January through
5		December 2004, and I have performed the calculations
6		prescribed by the GPIF Rule based on this comparison. My
7		testimony presents the result of my calculations, which is an
8		incentive reward for the period.
9		
10	Q.	Have you prepared, or caused to have prepared under your
11		direction, supervision or control, an exhibit in this
12		proceeding?
13	Α.	Yes, I have. It consists of one document:
14		PS -1: Document No. 1
15		Page 1 of the document is an index to the contents of the
16		document.
17		
18	Q.	What is the incentive amount you have calculated for the
19		period January through December, 2004?
20	Α.	I have calculated a GPIF incentive reward of \$10,816,748.
21		
22	Q.	Please explain how the GPIF reward amount is calculated.
23	Α.	The steps involved in making this calculation are provided in

Document No. 1. Page 2 of Document No. 1 provides the

GPIF Reward/Penalty Table (Actual), which shows an overall

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GPIF performance point value of +4.35 corresponding to a
GPIF reward of \$10,816,748. Page 3 provides the calculation
of the maximum allowed incentive dollars. The calculation of
the system actual GPIF performance points is shown on page
4. This page lists each GPIF unit, the unit's performance
indicators (ANOHR and EAF), the weighting factors and the
associated GPIF points.

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Page 5 is the actual EAF and adjustments summary. This page lists each of the sixteen (16) units, the actual outage factors and the actual EAF, in columns 1 through 5. Column 6 is the adjustment for planned outage variation. Column 7 is the adjusted actual EAF, which is calculated on page 6. Column 8 is the target EAF. Column 9 contains the Generating Performance Incentive Points for availability as determined by interpolating from the tables shown on pages 8 through 23. These tables are based on the targets and target ranges submitted to, and approved by, the Commission prior to the start of the period. Page 7 shows the adjustments to ANOHR. For each of the sixteen (16) units, it shows, in columns 2 through 4, the target heat rate formula, the actual Net Output Factor (NOF) and the actual ANOHR. Since heat rate varies with NOF, it is necessary to determine both the target and actual heat rates at the same NOF. This adjustment is to provide a common basis for comparison purposes and is

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shown numerically for each GPIF unit in columns 5 through 8. Column 9 contains the Generating Performance Incentive Points as determined by interpolating from the tables shown on pages 8 through 23. These tables are based on the targets and target ranges submitted to, and approved by, the Commission prior to the start of the period.

Q. Has FPL made any adjustments to the actual equivalent availability factor (EAF) of the GPIF units as a result of the hurricanes that hit FPL's service territory during 2004?

- A. Yes. The GPIF Manual, Section 3, Paragraph 4.3.1, states:

 "Adjustments to the equivalent availability performance indicator will be considered by the Commission on a case by case basis. Generally, adjustments to the equivalent availability performance indicator which will be considered by the Commission are categorized as follows:
 - Natural or externally caused disaster.
 - Unforeseen shutdown or continued operation of a unit pursuant to the actions of a Regulatory agency.
 - Rescheduling of planned maintenance into or out of the review period.
 - An identifiable and justifiable change in the work scope of a planned outage affecting total outage time.
 - A difference between actual and forecast reserve shutdown hours, if reserve shutdown hours are used as

part of the equivalent availability target setting methodology"

Consistent with this provision of the GPIF Manual, FPL proposes to adjust the actual EAF of St. Lucie Units 1 and 2 to remove the impact of the shutdowns of these units that were necessitated by hurricanes Frances and Jeanne during September and October, 2004.

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- Q. Please describe the shutdown of St. Lucie Units 1 and 2 due to hurricane Frances.
- A. The units were both brought offline on September 4, shortly before the site began experiencing hurricane-force winds from hurricane Frances as required by St. Lucie's Technical Specifications. Units 1 and 2 returned to service on September 14 and September 18, respectively

- Q. Please explain why St. Lucie Units 1 and 2 remained shut down for several days as a result of hurricane Frances.
- A. A series of factors contributed to the amount of time St. Lucie
 Units 1 and 2 remained shutdown. At the time of the
 hurricane's eye landfall on Hutchinson Island, hurricane
 Frances was a category 2 storm with maximum sustained
 winds of 108 mph. The slow movement of hurricane Frances
 intensified the effects of this storm. The area was impacted for
 60 hours with 18 hours of hurricane force winds and 5 hours of

exposure to the strongest winds of the hurricane's eye wall. The last hurricane force winds passed on Sunday morning, September 5, after which the Onsite Damage Assessment commenced. After the storm, local phone system was degraded and access to Hutchinson Island was limited due to the north bridge being out. The ability to conduct an evacuation of the surrounding areas is a prerequisite to restarting the units following a natural disaster, and requires NRC and FEMA approval.

On Sunday evening, FEMA and the NRC initiated their post disaster review. On September 7, FEMA completed its review and advised the NRC that it could give reasonable assurance for the re-start of the St. Lucie units. The NRC authorized FPL to commence the units' normal start-up procedures on that same day. Units 1 and 2 returned to service on September 14 and 18, respectively, after recovering from problems with salt water and rain intrusion into electrical equipment and the condensate/feedwater systems.

Q. Please describe the shutdown of St. Lucie Units 1 and 2 due to hurricane Jeanne.

A. The units were both brought offline on September 25, shortly before site began experiencing hurricane-force winds from hurricane Jeanne as required by St. Lucie's Technical

1		Specifications. Units 1 and 2 returned to service on October 3
2		and 4, respectively
3		
4	Q.	Did FPL undergo the same sort of post-hurricane re-start
5		process for St. Lucie Units 1 and 2 following hurricane
6		Jeanne that you previously described with respect to
7		hurricane Frances?
8	A.	Yes, except that the problems with salt water and rain intrusion
9		that were experienced with hurricane Frances did not recur with
10		hurricane Jeanne.
11		
12	Q.	What specific adjustments to the actual EAF for St. Lucie
13		Units 1 and 2 has FPL made to remove the effects of
14		hurricanes Frances and Jeanne?
15	A.	The unforeseen shutdowns of St. Lucie Units 1 and 2 due to
16		hurricanes Frances and Jeanne resulted in increments to the
17		forced outage rates of St. Lucie Units 1 and 2 of 5.20% and
18		6.61%, respectively. FPL has removed those increments from
19		the 2004 EAF calculation for St. Lucie Units 1 and 2.
20		
21	Q.	Did FPL postpone a planned outage for St. Lucie Unit 2 as
22		a result of hurricanes Frances and Jeanne?
23	A.	Yes. Because of logistical problems resulting from the
24		hurricanes, FPL elected to postpone into 2005 a refueling
25		outage that was planned for the fall of 2004.

A. Yes. FPL has substituted the target St. Lucie Unit 2 planned outage hours for the actual planned outage hours in calculating the adjusted actual EAF. The impact of this adjustment is minimal, resulting in only a trivial decrease to the adjusted actual EAF from 90.1% to 90.0% and no change to the GPIF incentive reward because both EAF values exceed the upper end of the reward range. Nonetheless, FPL believes it is appropriate to make this adjustment so that the effects of hurricanes Frances and Jeanne on both the forced outages and planned outages at St. Lucie Unit 2 have been handled consistently.

- Q. Are there any changes to the targets approved through Commission Order No. PSC-03-1461-FOF-EI?
- A. No, the approved targets have not changed.

- Q. Please explain the primary reason or reasons why FPL will be rewarded under the GPIF for the January through December, 2004 period.
 - A. The primary reason that FPL will receive a reward for the period was that Turkey Point Nuclear Units 3 & 4, and St. Lucie

1		Nuclear Units 1 & 2 adjusted availability was better than
2		targeted.
3		
4	Q.	Please summarize the effect of FPL's nuclear unit
5		availability on the GPIF reward.
6	A.	Turkey Point Unit 3 operated at an adjusted actual EAF of
7		76.6% compared to its target of 75.8%. This results in a +2.53
8		point reward, which corresponds to a GPIF reward of
9		\$553,063.
10		
11		Turkey Point Unit 4 operated at an adjusted actual EAF of
12		97.7% compared to its target of 93.6%. This results in a
13		+10.00 point reward, which corresponds to a GPIF reward of
14		\$2,689,725.
15		
16		St. Lucie Unit 1 operated at an adjusted actual EAF of 93.0%
17		compared to its target of 86.8%. This results in a +10.0 point
18		reward, which corresponds to a GPIF reward of \$3,060,836.
19		
20		St. Lucie Unit 2 operated at an adjusted actual EAF of 90.0%
21		compared to its target of 85.4%. This results in a +10.0 point
22		reward, which corresponds to a GPIF reward of \$2,548,102.
23		
24	Q.	Please summarize each nuclear unit's performance as it
25		relates to the ANOHR of the units.

1	A.	Turkey Point Unit 3 operated with an adjusted actual ANOHR
2		of 10,987 Btu/kWh. This results in a +10.0 point reward, which
3		corresponds to a GPIF reward of \$550,460.
4		
5		Turkey Point Unit 4 operated with an adjusted actual ANOHR
6		of 11,116 Btu/kWh. This ANOHR is within the \pm 75 Btu/kWh
7		deadband around the projected target; therefore, there is no
8		GPIF reward or penalty.
9		
10		St. Lucie Unit 1 operated with an adjusted actual ANOHR of
11		10,838 Btu/kWh. This ANOHR is within the ± 75 Btu/kWh
12		deadband around the projected target; therefore, there is no
13		GPIF reward or penalty.
14		
15		St. Lucie Unit 2 operated with an adjusted actual ANOHR of
16		10,918 Btu/kWh. This ANOHR is within the \pm 75 Btu/kWh
17		deadband around the projected target; therefore, there is no
18		GPIF reward or penalty.
19		
20		In total, the nuclear units' heat rate performance results in a
21		GPIF reward of \$550,460.
22		
23	Q.	What is the total GPIF incentive reward for FPL's nuclear
24		units?
25	A.	\$9,402,187

1	Q.	Ms. Sonnelitter, would you summarize the performance of
2		FPL's fossil units?
3	Α.	Yes. Regarding EAF performance, eight (8) of the twelve (12)
4		fossil generating units performed better than or equal to their
5		availability targets, while the remaining units performed worse
6		than their targets. The combined fossil unit availability
7		performance results in a GPIF reward of \$1,462,000.
8		
9		Regarding ANOHR, four (4) out of the twelve (12) fossil units
10		were below the \pm 75 Btu/kWh deadband around their projected
11		targets, resulting in a reward. Three (3) units out of the twelve
12		(12) fossil units operated with ANOHRs that were worse than
13		their projected targets resulting in a penalty. The remaining five
14		(5) units operated with ANOHRs that were within the $\pm\ 75$
15		Btu/kWh deadband around the projected targets, and they will
16		receive no incentive reward or penalty. The combined fossil
17		units heat rate performance results in a GPIF penalty of
18		\$47,439.
19		
20	Q.	What is the total GPIF incentive reward for FPL's fossil
21		units?
22	A.	\$1,414,561
23		
24	Q.	Does this conclude your testimony?

25

A.

Yes, it does.

DOCUMENT NO. 1

GENERATING PERFORMANCE INCENTIVE FACTOR JANUARY THROUGH DECEMBER, 2004

PS-1 DOCKET NO. 050001-EI FPL Witness: Pamela Sonnelitter Exhibit No.: Pages 1 - 24 April 1, 2005

DOCUMENT NUMBER 1 INDEX

FLORIDA POWER & LIGHT COMPANY

JANUARY THROUGH DECEMBER, 2004

DOCUMENT	INDEX OF MANUAL PAGES	TITLES
1	6.203.001	Index of Manual Pages
	6.203.002	GPIF Reward/(Penalty) Table (Actual)
	6.203.003	GPIF Calculation of Maximum Allowed Incentive Dollars (Actual)
	6.203.004	Derivation of System Actual GPIF Points
	6.203.005	Actual Equivalent Availability and Adjustments Summary
	6.203.006	EAF Adjustment Documentation
	6.203.007	Adjustments to Average Net Operating Heat Rates and Adjustments Summary
	6.203.008 - 6.203.023	GPIF Units Points Tables
	6.203.024	Planned Outages Schedule (Actual)

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GENERATING PERFORMANCE INCENTIVE FACTOR

REWARD/PENALTY TABLE (ACTUAL)

FLORIDA POWER & LIGHT COMPANY JANUARY THROUGH DECEMBER, 2004

GENERATN PERFORMAN INCENTIVE POINTS (GPIF)	ICE	FUEL SAVINGS/(LOSS (\$000)	;)	F	GENERATING PERFORMANCE INCENTIVE FACTOR (\$000)
+ 10		51,824.30			24,860.08
+ 9		46,641.87			22,374.07
+ 8		41,459.44			19,888.06
+ 7		36,277.01			17,402.06
+ 6		31,094.58			14,916.05
+ 5		25,912.15			12,430.04
+ 4	< 4.35	20,729.72	10,816.748	>	9,944.03
+ 3		15,547.29			7,458.02
+ 2		10,364.86			4,972.02
+ 1		5,182.43			2,486.01
0		0.00			0.00
- 1		(5,190.49)			(2,486.01)
- 2		(10,380.98)			(4,972.02)
- 3		(15,571.47)			(7,458.02)
- 4		(20,761.96)			(9,944.03)
- 5		(25,952.45)			(12,430.04)
- 6		(31,142.94)			(14,916.05)
- 7		(36,333.43)			(17,402.06)
- 8		(41,523.92)			(19,888.06)
- 9		(46,714.41)			(22,374.07)
- 10		(51,904.90)			(24,860.08)

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Exhibit No.:

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GENERATING PERFORMANCE INCENTIVE FACTOR

CALCULATION OF MAXIMUM ALLOWED INCENTIVE DOLLARS

ACTUAL

FLORIDA POWER & LIGHT COMPANY JANUARY THROUGH DECEMBER, 2004

LINE 1	BEGINNING OF PERIOD BALANCE OF END OF MONTH BALANCE OF COMM		\$	6,004,027,910
LINE 2	MONTH OF January	2004	\$	6,024,395,597
LINE 3	-	2004		6,019,783,320
LINE 4	,	2004		6,017,864,767
LINE 5		2004		6,059,976,143
LINE 6	•	2004		6,123,002,904
LINE 7	-	2004		6,085,496,844
LINE 8		2004		6,181,685,190
LINE 9	-	2004		6,279,107,637
LINE 10	_	2004		6,067,309,873
LINE 11	•	2004		6,148,188,736
LINE 12	MONTH OF November 2	2004		6,204,255,023
LINE 13	MONTH OF December 2	2004		6,150,021,001
LINE 14	AVERAGE COMMON EQUITY FOR THE		\$	6,105,008,841
	(SUMMATION OF LINE1 THROUGH LIN	NE 13 DIVIDED BY 13)		
LINE 15	25 BASIS POINTS			0.0025
LINE 16	REVENUE EXPANSION FACTOR			60.4594%
	MANUAL IN ALL CHIED INCENTIVE DOL			
LINE 17	MAXIMUM ALLOWED INCENTIVE DOL		\$	25,244,250
	(LINE 14 TIMES LINE 15 DIVIDED BY LI	INE 10)		
LINE 18	JURISDICTIONAL SALES		9	9,094,872,045 KWH
LINE 19	TOTAL SALES		10	0,626,214,497 KWH
LINE 20	JURISDICTIONAL SEPARATION FACTO	OR		98.48%
	(LINE 18 DIVIDED BY LINE 19)			
LINE 21	MAXIMUM ALLOWED JURISDICTIONAL	L INCENTIVE DOLLARS	\$	24,860,080
	(LINE 17 TIMES LINE 20)		*	1040,300

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FPL Witness: Pamela Sonnelitter

JANUARY THROUGH DECEMBER, 2004

DERIVATION OF SYSTEM ACTUAL GPIF POINTS

	PERFORMANCE	WEIGHTING	UNIT	WEIGHTED UNIT
PLANT/UNIT	INDICATOR	FACTOR %	POINTS	POINTS
00	E15	***		
Cape Canaveral 2		0.31	0.33	.0010
Cape Canaveral 2		1.88	0.00	.0000
Lauderdale 4	EAF	0.25	10.00	.0253
Lauderdale 4	ANOHR	4.57	0.00	.0000
Lauderdale 5	EAF	0.31	10.00	.0312
Lauderdale 5	ANOHR	3.37	-3.50	1178
Manatee 1	EAF	0.26	10.00	.0261
Manatee 1	ANOHR	1.07	0.00	.0000
Manatee 2	EAF	0.21	2.00	.0041
Manatee 2	ANOHR	2.88	5.90	.1699
Martin 1	EAF	0.29	2.00	.0059
Martin 1	ANOHR	7.27	0.11	.0080
Martin 2	EAF	0.28	10.00	.0279
Martin 2	ANOHR	6.08	1.47	.0892
Martin 3	EAF	0.60	2.50	.0149
Martin 3	ANOHR	3.94	-4.09	1610
Martin 4	EAF	0.63	1.50	.0094
Martin 4	ANOHR	6.93	-1.58	1095
Port Everglades 3	EAF	0.23	6.80	.0160
Port Everglades 3	ANOHR	2.19	0.00	.0000
Port Everglades 4	EAF	0.22	10.00	.0218
Port Everglades 4	ANOHR	3.06	3.34	.1022
Scherer 4	EAF	4.04	10.00	.4044
Scherer 4	ANOHR	0.74	0.00	.0000
St. Lucie 1	EAF	12.31	10.00	1,2312
St. Lucie 1	ANOHR	0.18	0.00	.0000
St. Lucie 2	EAF	10.25	10.00	1.0250
St. Lucie 2	ANOHR	0.33	0.00	.0000
Turkey Point 3	EAF	8.78	2.53	.2225
Turkey Point 3	ANOHR	2.21	10.00	.2214
Turkey Point 4	EAF	10.82	10.00	1.0819
Turkey Point 4	ANOHR	3.51	0.00	.0000
•				

GPIF System Total:	100.00	

4.35

ACTUAL EQUIVALENT AVAILABILITY AND ADJUSTMENTS

JANUARY THROUGH DECEMBER, 2004

1		2	3	4	5	6	7	8	9			
				ΓUAL		PLANNED OUTAGE	ADJUSTED		POINTS	ORIGINAL		FUEL
						ADJ TO	ACTUAL	TARGET	FROM	PLANNED	ACTUAL	SAVINGS/
UNIT	_	FOF	MOF	POF	EAF	EAF (1)	EAF	EAF	TABLES	DATES	DATES	(LOSS) (\$000)
Cape Canaveral 2		2.8	7.3	0.0	89.9	0.1	89.9	89.8	0.33	NONE	NONE	5.3
Lauderdale 4		0.2	1.6	22.0	76.2	3.1	82.7	79.6	10.00	02/20/04 - 04/15/04	02/19/2004 - 05/18/2004	131.0
Lauderdale 5		0.6	1.5	7.2	90.7	3.7	93.2	89.5	10.00	10/16/04 - 11/08/04	10/25/2004 - 12/01/2004	161.6
Manatee 1		0.1	3.1	0.0	96.8	3.1	96.8	93.7	10.00	05/16/04 - 05/20/04	NONE	135.5
Manatee 2		0.0	3.8	22.5	73.7	0.4	75.6	75.2	2.00	02/14/04 - 04/28/04	2/14/2004 - 5/6/2004	21.3
Martin 1		1.8	6.1	0.0	92.1	0.6	92.1	91.5	2.00	05/11/04 - 05/15/04	NONE	30.4
Martin 2		0.3	4.8	0.0	94.9	2.8	94.9	92.1	10.00	11/27/04 - 12/01/04	NONE	144.8
Martin 3		0.7	2.8	1.9	94.7	0.5	95.1	94.6	2.50	10/23/04 - 11/01/04	10/21/2004 - 11/04/2004	77.1
Martin 4		0.5	3.4	0.0	96.1	0.3	92.3	92.0	1.50	01/01/04 - 01/29/04	NONE	48.8
Port Everglades 3		8.0	4.5	5.6	89.1	1.7	94.4	92.7	6.80	11/22/04 - 11/26/04	11/29/2004 - 12/19/2004	82.8
Port Everglades 4		0.9	2.7	7.3	89.1	2.7	92.4	89.7	10.00	12/04/04 - 12/17/04	11/27/2004 - 12/23/2004	113.1
Scherer 4		0.2	0.8	11.6	87.3	2.9	86.9	84.0	10.00	02/28/04 - 04/11/04	03/05/2004 - 04/17/2004	2,096.0
St. Lucie 1	(2)	0.1	0.0	9.9	90.0	6.2	93.0	86.8	10.00	03/22/04 - 04/16/04	03/21/2004 - 04/25/2004	6,380.7
St. Lucie 2	(3)	1.8	0.0	8.3	89.8	4.6	90.0	85.4	10.00	11/22/04 - 12/22/04	02/14/04 - 02/15/04 and 5/24/04 - 5/25/04	5,311.9
Turkey Point 3		5.6	0.0	18.3	76.2	8.0	76.6	75.8	2.53	09/25/04 - 11/29/04	9/26/2004 - 11/30/2004	1,152.9
Turkey Point 4		2.3	0.0	0.2	97.5	4.1	97.7	93.6	10.00	NONE	8/28/2004 - 8/29/2004	5,607.1

21,500.4

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Exhibit No.: _

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⁽¹⁾ EQUIVALENT AVAILABILITY ADJUSTMENT DUE TO PLANNED OUTAGE ACTUAL DURATION VERSUS TARGETED DURATION SEE 6.203.006 FOR FORMULAS AND CALCULATION DATA

⁽²⁾ ACTUAL FOF REFLECTS ADJUSTMENT MADE AS A RESULT OF HURRICANE FRANCES AND JEANNE

⁽³⁾ ACTUAL FOF AND POF REFLECT ADJUSTMENTS MADE AS A RESULT OF HURRICANE FRANCES AND JEANNE

EQUIVALENT AVAILABILITY ADJUSTMENTS JANUARY THROUGH DECEMBER, 2004

		ACTUAL PH FEOH FMOH FPOH				ETS	ADJUSTED ACTUAL
PLANT / UNIT	PH	EFOH	ЕМОН	EPOH	POF%	EPOH	EAF%
Cape Canaveral 2	8784	243.9	644.1	0.0	0.0	0.0	89.9
Lauderdale 4	8784	20.7	138.6	1934.6	15.3	1344.0	82.7
Lauderdale 5	8784	50.7	133.9	632.2	4.6	404.1	93.2
Manatee 1	8784	8.0	268.8	0.0	0.0	0.0	96.8
Manatee 2	8784	0.3	331.2	1980.2	20.5	1800.7	75.6
Martin 1	8784	154.8	535.8	0.0	0.0	0.0	92.1
Martin 2	8784	28.2	419.3	0.0	0.0	0.0	94.9
Martin 3	8784	57.5	246.3	162.9	1.4	123.0	95.1
Martin 4	8784	41.5	300.0	0.0	4.0	351.4	92.3
Port Everglades 3	8784	66.7	397.6	490.4	0.0	0.0	94.4
Port Everglades 4	8784	79.4	240.7	640.8	3.8	333.8	92.4
Scherer 4	8784	17.4	74.3	1019.6	12.0	1056.0	86.9
St. Lucie 1	8784	12.5	0.0	866.5	6.8	599.9	93.0
St. Lucie 2	8784	161.7	0.0	730.3	8.2	720.3	90.0
Turkey Point 3	8784	488.7	0.0	1605.8	17.8	1560.0	76.6
Turkey Point 4	8784	204.6	0.0	15.8	0.0	0.0	97.7

	PH - EPOH _™
	(EFOH _A + EMOH _A) X
	PH - EPOH _A
ADJ. ACTUAL EAF% = 100% - POF _T -	X 100%
	PH

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FPL Witness: Pamela Sonnelitter

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ADJUSTMENTS TO AVERAGE NET OPERATING HEAT RATES & ADJUSTMENTS SUMMARY

JANUARY THROUGH DECEMBER, 2004

ı	2	3	4	5	b	1	8	9	
		Α	CTUAL	TARGET (2) ANOHR AT	ADJUST.(3)	TARGET (4)	ADJUST.(5)	GPIF(6) POINTS	ACTUAL FUEL
	HEAT RATE (1)	NOF	ANOHR	ACTUAL NOF		ANOHR	ANOHR	FROM	SAV./(LOSS)
UNIT	FORMULA	%	BTU/KWH	BTU/KWH	BTU/KWH	BTU/KWH	BTU/KWH	TABLE	\$000

Cape Canaveral 2	ANOHR= -20.35 x NOF + 10983	60.2	9805	9758	47	9528	9575	0.00	0.0
Lauderdale 4	ANOHR= -15.77 x NOF + 8944	79.3	7664	7693	-29	7473	7444	0.00	0.0
Lauderdale 5	ANOHR= -6.29 x NOF + 8036	77.6	7660	7548	112	7467	7579	-3.50	(610.2)
Manatee 1	ANOHR= -10.87 x NOF + 10967	55.9	10348	10359	-11	10427	10416	0.00	0.0
Manatee 2	ANOHR= -11.98 x NOF + 10974	55.1	10141	10313	-172	10384	10212	5.90	880.7
Martin 1	ANOHR= -25.71 x NOF + 11620	58.9	10027	10105	-78	10130	10052	0.11	41.4
Martin 2	ANOHR= -18.75 x NOF + 11081	57.5	9895	10003	-108	10086	9978	1.47	462.1
Martin 3	ANOHR= -3.20 x NOF + 7167	87.1	7014	6889	125	6885	7010	-4.09	(834.6)
Martin 4	ANOHR= -3.10 x NOF + 7114	89.2	6947	6838	109	6844	6953	-1.58	(567.7)
Port Everglades 3	ANOHR= -22.91 x NOF + 11473	65.9	9979	9963	16	9819	9835	0.00	0.0
Port Everglades 4	ANOHR= -19.36 x NOF + 11259	68.8	9781	9927	-146	9859	9713	3.34	529.5
Scherer 4	ANOHR= -13.48 x NOF + 11359	88.5	10098	10166	-68	10189	10121	0.00	0.0
St. Lucie 1	ANOHR= -50.33 x NOF + 15895	100.5	10814	10836	-22	10860	10838	0.00	0.0
St. Lucie 2	ANOHR= -59.00 x NOF + 16796	100.5	10885	10867	18	10900	10918	0.00	0.0
Turkey Point 3	ANOHR= -64.41 x NOF + 17582	98.6	11078	11231	-153	11140	10987	10.00	1147.5
Turkey Point 4	ANOHR= -58.36 x NOF + 16972	101.3	11041	11059	-18	11134	11116	0.00	0.0

1048.6

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¹⁾ THESE FORMULAS ARE AS APPROVED BY THE COMMSION IN THE PROJECTED DATA AND ARE BASED ON MONTHLY ACTUAL DATA

²⁾ CALCULATED FROM ANOHR FORMULA IN COLUMN 2 USING ACTUAL NOF IN COLUMN 3

³⁾ ADJUSTMENT TO ANOHR-ACTUAL ANOHR - TARGET ANOHR AT ACTUAL NOF (COLUMN 6 = COLUMN 4 - COLUMN 5).

⁴⁾ AT TARGET NOF AS APPROVED BY THE COMMISION IN PROJECTED DATA.

⁵⁾ AT TARGET NOF, ADJUSTED ACTUAL ANOHR = TARGET ANOHR + ADJUSTMENTS (COLUMN 8 = COLUMN 7 + COLUMN 6).

⁶⁾ OBTAINED FROM THE GPIF POINT TABLES USING THE COMMISION APPROVED TARGETS.

UNIT: Cape Canaveral 2

EQUIVALENT AVAILABILITY POINTS	FUEL SAVINGS/(LOSS) (\$000)	ADJUSTED ACTUAL EQUIVALENT AVAILABILITY	AVERAGE HEAT RATE POINTS	FUEL SAVING/(LOSS) (\$000)	ADJUSTED ACTUAL AVG. HEAT RATES	
+10	159.34	92.8	+10	971.89	9294	
+9	143.40	92.5	+9	874.70	9310	
+8	127.47	92.2	+8	777.51	9326	
+7	111.54	91.9	+7	680.32	9342	
+6	95.60	91.6	+6	583.13	9358	
+5	79.67	91.3	+5	485.95	9373	
+4	63.73	91.0	+4	388.76	9389	
+3	47.80	90.7	+3	291.57	9405	
+2	31.87	90.4	+2	194.38	9421	
+1	15.93	90.1	+1	97.19	9437	
				0.00	9453	
0	0.00		1). Act. () = 89.9	0.00	9528	<- Adj. Act. HR=9575
-1	(45.00)	90.5		(0.00)	9603	
-1 -2	(-15.93)	89.5	-1	(-97.19)	9618	
-2 -3	(-31.87)	89.2	-2	(-194.38)	9634	
	(-47.80)	88.9	-3	(-291.57)	9650	
-4	(-63.73)	88.6	-4 -	(-388.76)	9666	
-5	(-79.67)	88.3	-5	(-485.95)	9682	
-6	(-95.60)	88.0	-6	(-583.13)	9698	
-7	(-111.54)	87.7	-7	(-680.32)	9713	
-8	(-127.47)	87.4	-8	(-777.51)	9729	
-9	(-143.40)	87.1	-9	(-874.70)	9745	
-10	(-159.34)	86.8	-10	(-971.89)	9761	
	WEIGHTING FACTOR	= 0.31	WEI	GHTING FACTOR =	1.88	

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UNIT: Lauderdale 4

EQUIVALENT AVAILABILITY POINTS	FUEL SAVINGS/(LOSS) (\$000)	ADJUSTED ACTUAL EQUIVALENT AVAILABILITY	AVERAGE HEAT RATE POINTS	FUEL SAVING/(LOSS) (\$000)	ADJUSTED ACTUAL AVG. HEAT RATES	
+10	130.98	82.1 <- Adj. / EAF= 8		2369.81	7243	
+9	117.88	81.8	+9	2132.83	7258	
+8	104.79	81.6	+8	1895.85	7274	
+7	91.69	81.3	+7	1658.87	7289	
+6	78.59	81.1	+6	1421.89	7305	
+5	65.49	80.8	+5	1184.90	7320	
+4	52.39	80.6	+4	947.92	7336	
+3	39.29	80.3	+3	710.94	7351	
+2	26.20	80.1	+2	473.96	7367	
+1	13.10	79.8	+1	236.98	7382	
				0.00	7398	<- Adj. Act. HR=7444
0	0.00	79.6	0	0.00	7473	
				(0.00)	7548	
-1	(-13.10)	79.3	-1	(-236.98)	7563	
-2	(-26.20)	79.1	-2	(-473.96)	7579	
-3	(-39.29)	78.8	-3	(-710.94)	7594	
-4	(-52.39)	78.6	-4	(-947.92)	7610	
-5	(-65.49)	78.3	-5	(-1184.90)	7625	
-6	(-78.59)	78.1	-6	(-1421.89)	7641	
-7	(-91.69)	77.8	-7	(-1658.87)	7656	
-8	(-104.79)	77.6	-8	(-1895.85)	7672	
-9	(-117.88)	77.3	-9	(-2132.83)	7687	
-10	(-130.98)	77.1	-10	(-2369.81)	7703	
	WEIGHTING FACTOR =	 0.25	WE	EIGHTING FACTOR =	4.57	

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UNIT: Lauderdale 5

EQUIVALENT AVAILABILITY POINTS	FUEL SAVINGS/(LOSS) (\$000)	ADJUSTED ACTUAL EQUIVALENT AVAILABILITY	AVERAGE HEAT RATE POINTS	FUEL SAVING/(LOSS) (\$000)	ADJUSTED ACTUAL AVG. HEAT RATES
+10	161.58	92.0 <- Adj.		1745.92	7286
+9	145.42	91.8	+9	1571.33	7297
+8	129.26	91.5	+8	1396.74	7307
+7	113.10	91.3	+7	1222.14	7318
+6	96.95	91.0	+6	1047.55	7329
+5	80.79	90.8	+5	872.96	7339
+4	64.63	90.5	+4	698.37	7350
+3	48.47	90.3	+3	523.78	7360
+2	32.32	90.0	+2	349.18	7371
+1	16.16	89.8	+1	174.59	7382
				0.00	7392
0	0.00	89.5	0	0.00	7467
				(0.00)	7542
-1	(-16.16)	89.3	-1	(-174.59)	7553
-2	(-32.32)	89.0	-2	(-349.18)	7563
-3	(-48.47)	88.8	-3	(-523.78)	7574 <- Adj. Act.
-4	(-64.63)	88.5	-4	(-698.37)	HR=7579 7584
-5	(-80.79)	88.3	-5	(-872.96)	7595
-6	(-96.95)	88.0	-6	(-1047.55)	7606
-7	(-113.10)	87.8	-7	(-1222.14)	7616
-8	(-129.26)	87.5	-8	(-1396.74)	7627
-9	(-145.42)	87.3	-9	(-1571.33)	7637
-10	(-161.58)	87.0	-10	(-1745.92)	7648
	WEIGHTING FACTOR =	0.31	WE	GHTING FACTOR =	3.37

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UNIT: Manatee 1

EQUIVALENT AVAILABILITY POINTS	FUEL SAVINGS/(LOSS) (\$000)	ADJUSTED ACTUAL EQUIVALENT AVAILABILITY	AVERAGE HEAT RATE POINTS	FUEL SAVING/(LOSS) (\$000)	ADJUSTED ACTUAL AVG. HEAT RATES	
+10	135.50	96.2 <- Adj. EAF=	Act. +10	554,23	10,295	
+9	121.95	96.0	+9	498.81	10,300	
+8	108.40	95.7	+8	443.38	10,306	
+7	94.85	95.5	+7	387.96	10,312	
+6	81.30	95.2	+6	332.54	10,317	
+5	67.75	95.0	+5	277.11	10,323	
+4	54.20	94.7	+4	221.69	10,329	
+3	40.65	94.5	+3	166.27	10,335	
+2	27.10	94.2	+2	110.85	10,340	
+1	13.55	94.0	+1	55.42	10,346	
				0.00	10,352	<- Adj. Act. HR=10416
0	0.00	93.7	0	0.00	10,427	
				(0.00)	10,502	
-1	(-13.55)	93.5	-1	(-55.42)	10,507	
-2	(-27.10)	93.2	-2	(-110.85)	10,513	
-3	(-40.65)	93.0	-3	(-166.27)	10,519	
-4	(-54.20)	92.7	-4	(-221.69)	10,525	
-5	(-67.75)	92.5	-5	(-277.11)	10,530	
-6	(-81.30)	92.2	-6	(-332.54)	10,536	
-7	(-94.85)	92.0	-7	(-387.96)	10,542	
-8	(-108.40)	91.7	-8	(-443.38)	10,547	
-9	(-121.95)	91.5	-9	(-498.81)	10,553	
-10	(-135.50)	91.2	-10	(-554.23)	10,559	
	WEIGHTING FACTOR =	0.26	WE	EIGHTING FACTOR =	1.07	

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UNIT: Manatee 2

EQUIVALENT AVAILABILITY POINTS	FUEL SAVINGS/(LOSS) (\$000)	ADJUSTED ACTUAL EQUIVALENT AVAILABILITY	AVERAGE HEAT RATE POINTS	FUEL SAVING/(LOSS) (\$000)	ADJUSTED ACTUAL AVG. HEAT RATES	
+10	106.71	77.2	+10	1491.91	10145	
+9	96.04	77.0	+9	1342.72	10162	
+8	85.37	76.8	+8	1193.53	10178	
+7	74.69	76.6	+7	1044.34	10194	
+6	64.02	76.4	+6	895.14	10211	<- Adj. Act. HR=10212
+5	53.35	76.2	+5	745.95	10227	111-10212
+4	42.68	76.0	+4	596.76	10244	
+3	32.01	75.8	+3	447.57	10260	
+2	21.34		dj. Act. +2	298.38	10277	
+1	10.67	75.4	F= 75.6 +1	149.19	10293	
				0.00	10309	
0	0.00	75.2	0	0.00	10384	
				(0.00)	10459	
-1	(-10.67)	75.0	-1	(-149.19)	10476	
-2	(-21.34)	74.8	-2	(-298.38)	10492	
-3	(-32.01)	74.6	-3	(-447.57)	10509	
-4	(-42.68)	74.4	-4	(-596.76)	10525	
-5	(-53.35)	74.2	-5	(-745.95)	10542	
-6	(-64.02)	74.0	-6	(-895.14)	10558	
-7	(-74.69)	73.8	-7	(-1044.34)	10574	
-8	(-85.37)	73.6	-8	(-1193.53)	10591	
-9	(-96.04)	73.4	-9	(-1342.72)	10607	
-10	(-106.71)	73.2	-10	(-1491.91)	10624	
	WEIGHTING FACTOR =	 0.21		WEIGHTING FACTOR =	2.88	

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UNIT: Martin 1

EQUIVALENT AVAILABILITY POINTS	FUEL SAVINGS/(LOSS) (\$000)	ADJUSTED ACTUAL EQUIVALENT AVAILABILITY	AVERAGE HEAT RATE POINTS	FUEL SAVING/(LOSS) (\$000)	ADJUSTED ACTUAL AVG. HEAT RATES	
+10	152.10	94.5	+10	3769.47	9782	
+9	136.89	94.2	+9	3392.52	9809	
+8	121.68	93.9	+8	3015.57	9837	
+7	106.47	93.6	+7	2638.63	9864	
+6	91.26	93.3	+6	2261.68	9891	
+5	76.05	93.0	+5	1884.73	9919	
+4	60.84	92.7	+4	1507.79	9946	
+3	45.63	92.4	+3	1130.84	9973	
+2	30.42		ij. Act. +2 = 92.1	753.89	10001	
+1	15.21	91.8	+1	376.95	10028	<- Adj. Act. HR=10052
				0.00	10055	FIN= 10032
0	0.00	91.5	o	0.00	10130 10205	
-1	(-15.21)	91.2	-1	(-376.95)	10233	
-1 -2	(-30.42)	90.9	-2	(-753.89)	10260	
-3	(-45.63)	90.6	-3	(-1130.84)	10287	
-3 -4	(-60.84)	90.3	-3 -4	(-1507.79)	10314	
-5	(-76.05)	90.0	- -5	(-1884.73)	10342	
-5 -6		9 0.0 89.7	-5 -6	(-2261.68)	10342	
-0 -7	(-91.26) (-106.47)	89.4	_	,	10399	
	,		-7	•		
-8	(-121.68)	89.1	-8	(-3015.57)	10424	
-9	(-136.89)	88.8	-9 10	(-3392.52)	10451	
-10	(-152.10)	88.5	-10	(-3769.47)	10478	
	WEIGHTING FACTOR =	0.29	w	EIGHTING FACTOR =	7.27	

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UNIT: Martin 2

EQUIVALENT AVAILABILITY POINTS	FUEL SAVINGS/(LOSS) (\$000)	ADJUSTED ACTUAL EQUIVALENT AVAILABILITY	AVERAGE HEAT RATE POINTS	FUEL SAVING/(LOSS) (\$000)	ADJUSTED ACTUAL AVG. HEAT RATES	
+10	144.82		j. Act. +10	3150.68	9786	
+9	130.34	94.4	= 94.9 +9	2835.61	9808	
+8	115.86	94.1	+8	2520.55	9831	
+7	101.37	93.9	+7	2205.48	9853	
+6	86.89	93.6	+6	1890.41	9876	
+5	72.41	93.4	+5	1575.34	9898	
+4	57.93	93.1	+4	1260.27	9921	
+3	43.45	92.9	+3	945.20	9943	
+2	28.96	92.6	+2	630.14	9966	<- Adj. Act.
+1	14.48	92.4	+1	315.07	9988	HR=9978
				0.00	10011	
o	0.00	92.1	0	0.00	10086	
				(0.00)	10161	
-1	(-14.48)	91.9	-1	(-315.07)	10183	
-2	(-28.96)	91.6	-2	(-630.14)	10206	
-3	(-43.45)	91.4	-3	(-945.20)	10228	
-4	(-57.93)	91.1	-4	(-1260.27)	10251	
-5	(-72.41)	90.9	-5	(-1575.34)	10273	
- 6	(-86.89)	90.6	-6	(-1890.41)	10296	
-7	(-101.37)	90.4	-7	(-2205.48)	10318	
-8	(-115.86)	90.1	-8	(-2520.55)	10341	
<u>-9</u>	(-130.34)	89.9	-9	(-2835.61)	10363	
- 1 0	(-144.82)	89.6	-10	(-3150.68)	10386	
	WEIGHTING FACTOR =	 0.28		EIGHTING FACTOR =	6.08	

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UNIT: Martin 3

		Olli I. Martin O			
EQUIVALENT AVAILABILITY POINTS	FUEL SAVINGS/(LOSS) (\$000)	ADJUSTED ACTUAL EQUIVALENT AVAILABILITY	AVERAGE HEAT RATE POINTS	FUEL SAVING/(LOSS) (\$000)	ADJUSTED ACTUAL AVG. HEAT RATES
+10	308.57	96.6	+10	2041.11	6688
+9	277.71	96.4	+9	1836.99	6700
+8	246.86	96.2	+8	1632.88	6712
+7	216.00	96.0	+7	1428.77	6724
+6	185.14	95.8	+6	1224.66	6737
+5	154.29	95.6	+5	1020.55	6749
+4	123.43	95.4	+4	816.44	6761
+3	92.57	95.2	+3	612.33	6773
+2	61.71		ij. Act. +2 = 95.1	408.22	6786
+1	30.86	94.8	+1	204.11	6798
				0.00	6810
0	0.00	94.6	0	0.00	6885
				(0.00)	6960
-1	(-30.86)	94.4	-1	(-204.11)	6972
-2	(-61.71)	94.2	-2	(-408.22)	6985
-3	(-92.57)	94.0	-3	(-612.33)	6997
-4	(-123.43)	93.8	-4	(-816.44)	7009 <- Adj. Act.
-5	(-154.29)	93.6	-5	(-1020.55)	HR=7010 7021
-6	(-185.14)	93.4	-6	(-1224.66)	7033
-7	(-216.00)	93.2	-7	(-1428.77)	7046
-8	(-246.86)	93.0	-8	(-1632.88)	7058
-9	(-277.71)	92.8	-9	(-1836.99)	7070
-10	(-308.57)	92.6	-10	(-2041.11)	7082
	WEIGHTING FACTOR =	0.60	WE	GIGHTING FACTOR =	3.94

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UNIT: Martin 4

EQUIVALENT AVAILABILITY POINTS	FUEL SAVINGS/(LOSS) (\$000)	ADJUSTED ACTUAL EQUIVALENT AVAILABILITY	AVERAGE HEAT RATE POINTS	FUEL SAVING/(LOSS) (\$000)	ADJUSTED ACTUAL AVG. HEAT RATES	
+10	325.37	94.0	+10	3590.73	6554	
+9	292.83	93.8	+9	3231.65	6575	
+8	260.29	93.6	+8	2872.58	6597	
+7	227.76	93.4	+7	2513.51	6618	
+6	195.22	93.2	+6	2154.44	6640	
+5	162.68	93.0	+5	1795.36	6661	
+4	130.15	92.8	+4	1436.29	6683	
+3	97.61	92.6	+3	1077.22	6704	
+2	65.07	92.4	+2	718.15	6726	
+1	32.54	92.2 <- Adj. A		359.07	6747	
		EAF= 9	2.3	0.00	6769	
0	0.00	92.0	0	0.00	6844	
				(0.00)	6919	
-1	(-32.54)	91.8	-1	(-359.07)	6940 <- Adj. Act.	
-2	(-6 5.07)	91.6	-2	(-718.15)	HR=6953 6962	
-3	(-97.61)	91.4	-3	(-1077.22)	6983	
-4	(-130.15)	91.2	-4	(-1436.29)	7005	
-5	(-162.68)	91.0	-5	(-1795.36)	7026	
-6	(-195.22)	90.8	-6	(-2154.44)	7048	
-7	(-227.76)	90.6	-7	(-2513.51)	7069	
-8	(-260.29)	90.4	-8	(-2872.58)	7091	
-9	(-292.83)	90.2	-9	(-3231.65)	7112	
-10	(-325.37)	90.0	-10	(-3590.73)	7134	
	WEIGHTING FACTOR =	- 0.63	v	VEIGHTING FACTOR =	 6.93	

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UNIT: Port Everglades 3

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EQUIVALENT AVAILABILITY POINTS	FUEL SAVINGS/(LOSS) (\$000)	ADJUSTED ACTUAL EQUIVALENT AVAILABILITY	AVERAGE HEAT RATE POINTS	FUEL SAVING/(LOSS) (\$000)	ADJUSTED ACTUAL AVG. HEAT RATES	
+10	121.75	95.2	+10	1,132.67	9,598	
+9	109.58	95.0	+9	1019.40	9,613	
+8	97.40	94.7	+8	906.14	9,627	
+7	85.23	94.5	+7	792.87	9,642	
+6	73.05	94.2 <- Adj EAF=		679.60	9,656	
+5	60.88	94.0	+5	566.33	9,671	
+4	48.70	93.7	+4	453.07	9,685	
+3	36.53	93.5	+3	339.80	9,700	
+2	24.35	93.2	+2	226.53	9,714	
+1	12.18	93.0	+1	113.27	9,729	
				0.00	9,744	
O	0.00	92.7	0	0.00	9,819	<- Adj. Act. HR=9835
				(0.00)	9,894	
-1	(-12.18)	92.5	-1	(-113.27)	9,908	
-2	(-24.35)	92.2	-2	(-226.53)	9,923	
-3	(-36.53)	92.0	-3	(-339.80)	9,937	
-4	(-48.70)	91.7	-4	(-453.07)	9,952	
-5	(-60.88)	91.5	-5	(-566.33)	9,966	
-6	(-73.05)	91.2	-6	(-679.60)	9,981	
-7	(-85.23)	91.0	-7	(-792.87)	9,995	
-8	(-97.40)	90.7	-8	(-906.14)	10,010	
-9	(-109.58)	90.5	-9	(-1019.40)	10,024	
-10	(-121.75)	90.2	-10	(-1,132.67)	10,039	
W	/EIGHTING FACTOR =	0.23	V	WEIGHTING FACTOR =	2.19	

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UNIT: Port Everglades 4

EQUIVALENT AVAILABILITY POINTS	FUEL SAVINGS/(LOSS) (\$000)	ADJUSTED ACTUAL EQUIVALENT AVAILABILITY	AVERAGE HEAT RATE POINTS	FUEL SAVING/(LOSS) (\$000)	ADJUSTED ACTUAL AVG. HEAT RATES	
+10	113.10	92.2 <- Adj. A		1,584.09	9,572	
+9	101.79	92.0	2.4 +9	1425.69	9,593	
+8	90.48	91.7	+8	1267.28	9,614	
+7	79.17	91.5	+7	1108.87	9,635	
+6	67.86	91.2	+6	950.46	9,657	
+5	56.55	91.0	+5	792.05	9,678	
+4	45.24	90.7	+4	633.64	9,699	<- Adj. Act.
+3	33.93	90.5	+3	475.23	9,720	HR=9713
+2	22.62	90.2	+2	316.82	9,742	
+1	11.31	90.0	+1	158.41	9,763	
				0.00	9,784	
0	0.00	89.7	0	0.00	9,859	
				(0.00)	9,934	
-1	(-11.31)	89.5	-1	(-158.41)	9,955	
-2	(-22.62)	89.2	-2	(-316.82)	9,977	
-3	(-33.93)	89.0	-3	(-475.23)	9,998	
-4	(-45.24)	88.7	-4	(-633.64)	10,019	
-5	(-56.55)	88.5	-5	(-792.05)	10,040	
-6	(-67.86)	88.2	-6	(-950.46)	10,062	
-7	(-79.17)	88.0	-7	(-1108.87)	10,083	
-8	(-90.48)	87.7	-8	(-1267.28)	10,104	
-9	(-101.79)	87.5	-9	(-1425.69)	10,125	
-10	(-113.10)	87.2	-10	(-1,584.09)	10,146	
,	WEIGHTING FACTOR =	0.22	WE	EIGHTING FACTOR =	3.06	

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UNIT: Scherer 4

EQUIVALENT AVAILABILITY POINTS	S	FUEL AVINGS/(LOSS) (\$000)	ADJUSTED ACTUAL EQUIVALENT AVAILABILITY	AVERAGE HEAT RATE POINTS	FUEL SAVING/(LOSS) (\$000)	ADJUSTED ACTUAL AVG. HEAT RATES	
+10		2,095.95	86.0 <- Adj. Act. E	EAF= +10 86.9	385.47	10050	
+9		1,886.36	85.8	+9	346.92	10056	
+8		1,676.76	85.6	+8	308.38	10063	
+7		1,467.17	85.4	+7	269.83	10069	
+6		1,257.57	85.2	+6	231.28	10075	
+5		1,047.98	85.0	+5	192.74	10082	
+4		838.38	84.8	+4	154.19	10088	
+3		628.79	84.6	+3	115.64	10095	
+2		419.19	84.4	+2	77.09	10101	
+1		209.60	84.2	+1	38.55	10107	
					0.00	10114	<- Adj. Act. HR=10121
0		0.00	84.0	0	0.00	10189	
					(0.00)	10264	
-1	(-209.60)	83.8	-1	(-38.55)	10270	
-2	(-419.19)	83.6	-2	(-77.09)	10276	
-3	(-628.79)	83.4	-3	(-115.64)	10283	
-4	(-838.38)	83.2	-4	(-154.19)	10289	
-5	(-1,047.98)	83.0	-5	(-192.74)	10295	
-6	(-1,257.57)	82.8	-6	(-231.28)	10302	
-7	(-1,467.17)	82.6	-7	(-269.83)	10308	
-8	(-1,676.76)	82.4	-8	(-308.38)	10315	
-9	(-1,886.36)	82.2	-9	(-346.92)	10321	
-10	(-2,095.95)	82.0	-10	(-385.47)	10327	
W	EIGHTIN	IG FACTOR =	4.04	WI	EIGHTING FACTOR =	0.74	

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UNIT: St. Lucie 1

EQUIVALENT AVAILABILITY POINTS	FUEL SAVINGS/(LOSS) (\$000)	ADJUSTED ACTUAL EQUIVALENT AVAILABILITY	AVERAGE HEAT RATE POINTS	FUEL SAVING/(LOSS) (\$000)	ADJUSTED ACTUAL AVG. HEAT RATES	
+10	6,380.74	89.8 <- Adj. : EAF= :		92.40	10789	
+9	5,742.67	89.5	+9	83.16	10788	
+8	5,104.59	89.2	+8	73.92	10788	
+7	4,466.52	88.9	+7	64.68	10787	
+6	3,828.45	88.6	+6	55.44	10787	
+5	3,190.37	88.3	+5	46.20	10787	
+4	2,552.30	88.0	+4	36.96	10786	
+3	1,914.22	87.7	+3	27.72	10786	
+2	1,276.15	87.4	+2	18.48	10785	
+1	638.07	87.1	+1	9.24	10785	
				0.00	10785	<- Adj. Act. HR=10838
O	0.00	86.8	0	0.00	10860	
				(0.00)	10935	
-1	(-638.07)	86.5	-1	(-9.46)	10934	
-2	(-1,276.15)	86.2	-2	(-18.92)	10934	
-3	(-1,914.22)	85.9	-3	(-28.38)	10934	
-4	(-2,552.30)	85.6	-4	(-37.85)	10933	
-5	(-3,190.37)	85.3	-5	(-47.31)	10933	
-6	(-3,828.45)	85.0	-6	(-56.77)	10932	
-7	(-4,466.52)	84.7	-7	(-66.23)	10932	
-8	(-5,104.59)	84.4	-8	(-75.69)	10932	
-9	(-5,742.67)	84.1	-9	(-85.15)	10931	
-10	(-6,380.74)	83.8	-10	(-94.61)	10931	
	WEIGHTING FACTOR =	 12.3 1	WE	======================================	 0.18	

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UNIT: St. Lucie 2

EQUIVALENT AVAILABILITY POINTS	FUEL SAVINGS/(LOSS) (\$000)	ADJUSTED ACTUAL EQUIVALENT AVAILABILITY	AVERAGE HEAT RATE POINTS	FUEL SAVING/(LOSS) (\$000)	ADJUSTED ACTUAL AVG. HEAT RATES	
+10	5,311.88	88.4 <- Adj. Act. E/	AF= +10	173.06	10834	
+9	4,780.69	88.1	+9	155.76	10833	
+8	4,249.50	87.8	+8	138.45	10832	
+7	3,718.31	87.5	+7	121.15	10831	
+6	3,187.13	87.2	+6	103.84	10830	
+5	2,655.94	86.9	+5	86.53	10829	
+4	2,124.75	86.6	+4	69.23	10828	
+3	1,593.56	86.3	+3	51.92	10828	
+2	1,062.38	86.0	+2	34.61	10827	
+1	531.19	85.7	+1	17.31	10826	
				0.00	10825	
0	0.00	85.4	0	0.00	10900	<- Adj. Act. HR=10918
				(0.00)	10975	
-1	(-531.19)	85.1	-1	(-17.83)	10974	
-2	(-1,062.38)	84.8	-2	(-35.67)	10973	
-3	(-1,593.56)	84.5	-3	(-53.50)	10972	
-4	(-2,124.75)	84.2	-4	(-71.34)	10971	
-5	(-2,655.94)	83.9	-5	(-89.17)	10970	
-6	(-3,187.13)	83.6	-6	(-107.01)	10969	
-7	(-3,718.31)	83.3	-7	(-124.84)	10969	
-8	(-4,249.50)	83.0	-8	(-142.67)	10968	
-9	(-4,780.69)	82.7	-9	(-160.51)	10967	
-10	(-5,311.88)	82.4	-10	(-178.34)	10966	
W	EIGHTING FACTOR =	 10.25	WE	GHTING FACTOR =	0.33	

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UNIT: Turkey Point 3

EQUIVALENT AVAILABILITY POINTS	FUEL SAVINGS/(LOSS) (\$000)	ADJUSTED ACTUAL EQUIVALENT AVAILABILITY	AVERAGE HEAT RATE POINTS	FUEL SAVING/(LOSS) (\$000)	ADJUSTED ACTUAL AVG. HEAT RATES	
+10	4,551.07	78.8	+10	1147.51	10994	<- Adj. Act. HR=10987
+9	4,095.97	78.5	+9	1032.76	11001	HK=10987
+8	3,640.86	78.2	+8	918.01	11008	
+7	3,185.75	77.9	+7	803.26	11015	
+6	2,730.64	77.6	+6	688.51	11022	
+5	2,275.54	77.3	+5	573.76	11029	
+4	1,820.43	77.0	+4	459.00	11037	
+3	1,365.32	76.7	+3	344.25	11044	
+2	910.21	76.4 <- Adj. Act. EAF	÷= +2	229.50	11051	
+1	455.11	76. 1	.u +1	114.75	11058	
				0.00	11065	
0	0.00	75.8	o	0.00	11140	
				(0.00)	11215	
-1	(-455.11)	75.5	-1	(-117.42)	11223	
-2	(-910.21)	75.2	-2	(-234.84)	11230	
-3	(-1,365.32)	74.9	-3	(-352.25)	11237	
-4	(-1,820.43)	74.6	-4	(-469.67)	11244	
-5	(-2,275.54)	74.3	-5	(-587.09)	11251	
-6	(-2,730.64)	74.0	-6	(-704.51)	11259	
-7	(-3,185.75)	73.7	-7	(-821.93)	11266	
-8	(-3,640.86)	73.4	-8	(-939.34)	11273	
-9	(-4,095.97)	73.1	-9	(-1056.76)	11280	
-10	(-4,551.07)	72.8	-10	(-1174.18)	11287	
w	EIGHTING FACTOR =	 8.78	WE	IGHTING FACTOR =	2.21	

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FPL Witness: Pamela Sonnelitter

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UNIT: Turkey Point 4

EQUIVALENT AVAILABILITY POINTS	FUEL SAVINGS/(LOSS) (\$000)	ADJUSTED ACTUAL EQUIVALENT AVAILABILITY	AVERAGE HEAT RATE POINTS	FUEL SAVING/(LOSS) (\$000)	ADJUSTED ACTUAL AVG. HEAT RATES	
+10	5,607.11	96.6 <- Adj EAF= !		1816.81	10967	
+9	5,046.40	96.3	+9	1635.13	10976	
+8	4,485.69	96.0	+8	1453.45	10985	
+7	3,924.98	95.7	+7	1271.77	10995	
+6	3,364.27	95.4	+6	1090.09	11004	
+5	2,803.55	95.1	+5	908.41	11013	
+4	2,242.84	94.8	+4	726.72	11022	
+3	1,682.13	94.5	+3	545.04	11031	
+2	1,121.42	94.2	+2	363.36	11040	
+1	560.71	93.9	+1	181.68	11050	
				0.00	11059	<- Adj. Act. HR=11116
0	0.00	93.6	0	0.00	11134	
				(0.00)	11209	
-1	(-560.71)	93.3	-1	(-186.32)	11218	
-2	(-1,121.42)	93.0	-2	(-372.64)	11227	
-3	(-1,682.13)	92.7	-3	(-558.96)	11236	
-4	(-2,242.84)	92.4	-4	(-745.27)	11245	
-5	(-2,803.55)	92.1	-5	(-931.59)	11255	
-6	(-3,364.27)	91.8	-6	(-1117.91)	11264	
-7	(-3,924.98)	91.5	-7	(-1304.23)	11273	
-8	(-4,485.69)	91.2	-8	(-1490.55)	11282	
-9	(-5,046.40)	90.9	-9	(-1676.87)	11291	
-10	(-5,607.11)	90.6	-10	(-1863.19)	11300	
W	/EIGHTING FACTOR =	10.82	v	=	 3.51	

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ACTUAL PLANNED OUTAGES

FLORIDA POWER & LIGHT COMPANY

JANUARY THROUGH DECEMBER, 2004

PLANT/UNIT	ACTUAL PLANNED OUTAGE DATE	REASON FOR OUTAGE
Cape Canaveral 2	NONE	
Lauderdale 4	02/19/2004 - 05/18/2004	Major overhaul
Lauderdale 5	10/25/2004 - 12/01/2004	5A CT hot gas path inspection / 5B CT major overhaul
Manatee 1	NONE	
Manatee 2	2/14/2004 - 5/6/2004	Generator rewind
Martin 1	NONE	
Martin 2	NONE	
Martin 3	10/21/2004 - 11/04/2004	3A CT hot gas path inspection
Martin 4	NONE	
Port Everglades 3	11/29/2004 - 12/19/2004	Turbine foam wash
Port Everglades 4	11/27/2004 - 12/23/2004	Turbine overhaul
Scherer 4	03/05/2004 - 04/17/2004	Major boiler HP / IP turbine overhaul
St. Lucie 1	03/21/2004 - 04/25/2004	Refueling
St. Lucie 2	02/14/04 - 02/15/04 and 5/24/04 - 5/25/04	Partial downpower due to turbine valve test
Turkey Point 3	9/26/2004 - 11/30/2004	Refueling
Turkey Point 4	8/28/2004 - 8/29/2004	Partial downpower due to TPCW Hx fouling

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