

**BEFORE THE FLORIDA
PUBLIC SERVICE COMMISSION**

**DOCKET NO. 060001-EI
FLORIDA POWER & LIGHT COMPANY**

September 1, 2006

GENERATING PERFORMANCE INCENTIVE FACTOR

JANUARY 2007 THROUGH DECEMBER 2007

TESTIMONY & EXHIBITS OF:

P. SONNELITTER

DOCUMENT NUMBER-DATE

08060 SEP-18

FPSC-COMMISSION CLERK

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

FLORIDA POWER & LIGHT COMPANY

TESTIMONY OF P. SONNELITTER

DOCKET NO. 060001-EI

SEPTEMBER 1, 2006

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

2 A. My name is Pamela Sonnelitter and my business address is 700
3 Universe Boulevard, Juno Beach, Florida 33408.

4

5 **Q. Would you please state your present position with Florida Power
6 and Light Company (FPL).**

7 A. I am the Manager of Business Services in the Power Generation
8 Division of FPL.

9

10 **Q. Have you previously submitted testimony in this docket?**

11 A. Yes, I have.

12

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

14 A. The purpose of my testimony is to present the target unit equivalent
15 availability factors (EAF) and the target unit average net operating
16 heat rates (ANOHR) for the period of January through December,

1 2007, for use in determining the Generating Performance Incentive
2 Factor (GPIF).

3

4 **Q. Have you prepared, or caused to have prepared under your**
5 **direction, supervision, or control, an exhibit in this proceeding?**

6 A. Yes, I have. It consists of one document, PS-3. The first page of this
7 document is an index to the contents of the document. All other
8 pages are numbered according to the GPIF Manual as approved by
9 the Commission.

10

11 **Q. Please summarize the 2007 system targets for EAF and ANOHR**
12 **for the units to be considered in establishing the GPIF for FPL.**

13 A. For the period of January through December, 2007, FPL projects a
14 weighted system equivalent planned outage factor of 7.8% and a
15 weighted system equivalent unplanned outage factor of 7.0%, which
16 yield a weighted system equivalent availability target of 85.2%. The
17 targets for this period reflect planned refueling outages for three
18 nuclear units. FPL also projects a weighted system average net
19 operating heat rate target of 9,010 Btu/kWh for the period January
20 through December, 2007. As discussed later in this testimony, these
21 targets represent fair and reasonable values when compared to
22 historical data. Therefore, FPL requests that the targets for these
23 performance indicators be approved by the Commission.

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Q. Have you established target levels of performance for the units to be considered in establishing the GPIF for FPL?

A. Yes, I have. Exhibit PS-3, pages 6 and 7, contains the information summarizing the targets and ranges for EAF and ANOHR for the 13 generating units which FPL proposes to be considered as GPIF units for the period of January through December, 2007. All of these targets have been derived utilizing the methodologies adopted in the GPIF Manual.

Q. Please summarize FPL's methodology for determining equivalent availability targets.

A. The GPIF Manual requires that the EAF target for each unit be determined as the difference between 100% and the sum of the equivalent planned outage factor (EPOF) and the equivalent unplanned outage factor (EUOF). The EPOF for each unit is determined by the length of the planned outage, if any, scheduled for the projected period. The EUOF is determined by the sum of the historical average equivalent forced outage factor (EFOF) and the equivalent maintenance outage factor (EMOF). The EUOF is then adjusted to reflect recent unit performance and known unit modifications or equipment changes.

1 **Q. Please summarize FPL's methodology for determining ANOHR**
2 **targets.**

3 **A.** To develop the ANOHR targets, historic ANOHR vs. unit net output
4 factor curves are developed for each GPIF unit. The historic data is
5 analyzed for any unusual operating conditions and changes in
6 equipment that will materially affect the predicted heat rate. A
7 regression equation that best fits the data is calculated and a
8 statistical analysis of the historic ANOHR variance with respect to the
9 best fit curve is also performed to identify unusual observations. The
10 resulting equation is used to project ANOHR for the unit using the net
11 output factor from the POWERSYM model. This projected ANOHR
12 value is then used in the GPIF tables and in the calculations to
13 determine the possible fuel savings or losses due to improvements or
14 degradations in heat rate performance. This process is consistent
15 with the GPIF Manual.

16
17 **Q. How did you select the units to be considered when establishing**
18 **the GPIF for FPL?**

19 **A.** The GPIF units were selected in accordance with the GPIF Manual
20 using the estimated net generation for each unit taken from the
21 production costing simulation program, POWERSYM, which forms the
22 basis for the projected levelized fuel cost recovery factor for the
23 period. The 13 units which FPL proposes to use for the period of

1 January through December 2007 represent the top 82.2% of the total
2 forecasted system net generation for this period excluding three
3 units: Martin Unit 8, Manatee Unit 3, and Turkey Point Unit 5. These
4 three units were excluded from the GPIF calculation because there is
5 insufficient historical data to include them yet. The conversion of
6 Martin Unit 8 to combined cycle in 2005 constitutes a major design
7 change affecting both the generation capacity and the performance
8 of this unit. As a result, its future performance will not be comparable
9 to its historical performance. Manatee Unit 3 and Turkey Point Unit 5
10 are new units for 2005 and 2007 respectively. Consistent with the
11 GPIF Manual, the above mentioned units will be excluded from the
12 GPIF calculations until we have enough operating history to use in
13 projecting future performance.

14

15 **Q. Do FPL's EAF and ANOHR performance targets represent a**
16 **reasonable level of generation efficiency?**

17 A. Yes, they do.

18

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

20 A. Yes, it does.

DOCUMENT NO. 1

WITNESS: PAMELA SONNELITTER

GENERATING PERFORMANCE INCENTIVE FACTOR

JANUARY THROUGH DECEMBER, 2007

PS-3

DOCKET NO. 060001-EI

FPL Witness: P. Sonnelitter

Exhibit No.: _____

Pages 1 - 24

September 1, 2006

DOCUMENT NUMBER 1 INDEX
FLORIDA POWER & LIGHT COMPANY
JANUARY THROUGH DECEMBER, 2007

<u>DOCUMENT</u>	<u>PAGE NUMBER</u>	<u>TITLE</u>
1	7.201.001	Index
	7.201.002 to 7.201.003	Generating Unit Selection Criteria
	7.201.004	GPIF Reward/(Penalty) Table (Estimated)
	7.201.005	GPIF calculation of Maximum Allowed Dollars (Estimated)
	7.201.006 and 7.201.007	GPIF Target and Range Summary
	7.201.008	GPIF Predicted Unit Heat Rates
	7.201.009	Derivation of Weighting Factors
	7.201.010	Estimated Unit Performance Data
	7.201.011 - 7.201.023	Unit MOF and FOF vs Time Graphs
	7.201.024	Planned Outages Schedule (Estimated)

Table 2.0
POWRSYM Projected System Generation
January Through December, 2007

<u>Name</u>	<u>Capacity (MW)</u>	<u>Service Hours</u>	<u>Net Output MWH</u>	<u>NOF %</u>	<u>% of Total Output</u>	<u>Cumulative % of Total Output</u>	<u>Production Cost (\$000)</u>
FT. MYERS 2	1,435	8,144	10,033,454	85.9%	10.0	10.0	699,967
MARTIN 8	1,098	8,760	8,552,069	88.9%	8.5	18.5	588,952
MANATEE 3	1,097	8,657	8,307,668	87.5%	8.3	26.8	575,123
SANFORD 4	958	8,579	7,334,385	89.2%	7.3	34.1	511,608
SANFORD 5	954	7,929	6,808,879	90.0%	6.8	40.8	470,238
ST. LUCIE 1	845	7,920	6,528,213	97.6%	6.5	47.3	25,857
TURKEY POINT 4	703	8,760	6,003,732	97.5%	6.0	53.3	25,617
TURKEY POINT 5	1,090	5,880	5,642,438	88.0%	5.6	58.9	364,737
TURKEY POINT 3	703	8,040	5,517,242	97.6%	5.5	64.4	21,649
SCHERER 4	644	8,760	5,217,661	92.5%	5.2	69.6	98,158
ST. LUCIE 2	719	6,720	4,705,091	97.4%	4.7	74.3	18,530
MARTIN 1	817	5,573	2,970,755	65.2%	3.0	77.2	286,832
LAUDERDALE 5	433	6,377	2,455,513	88.9%	2.4	79.7	192,076
MANATEE 1	806	4,358	2,324,325	66.2%	2.3	82.0	225,325
MARTIN 4	457	4,803	2,096,900	95.6%	2.1	84.1	150,239
LAUDERDALE 4	433	5,684	2,094,764	85.1%	2.1	86.2	165,587
MANATEE 2	806	4,214	2,054,974	60.5%	2.0	88.2	199,083
MARTIN 3	456	4,378	1,836,082	92.0%	1.8	90.0	133,630
MARTIN 2	809	3,167	1,337,926	52.2%	1.3	91.4	128,114
ST JOHNS 20	128	8,760	1,097,128	97.7%	1.1	92.4	18,606
ST JOHNS 10	128	8,016	1,002,462	97.5%	1.0	93.4	17,138
PT EVERGLADES 4	378	3,434	950,061	73.2%	0.9	94.4	90,205
TURKEY POINT 1	386	2,665	714,797	69.4%	0.7	95.1	67,713
TURKEY POINT 2	391	2,186	675,468	79.0%	0.7	95.8	64,272
PT EVERGLADES 3	374	2,387	669,963	75.0%	0.7	96.4	64,060
CAPE CANAVERAL 2	388	2,488	617,148	64.0%	0.6	97.1	59,647
RIVIERA 4	280	3,529	609,419	61.7%	0.6	97.7	59,677
CAPE CANAVERAL 1	388	2,161	571,067	68.2%	0.6	98.2	55,407
PUTNAM 1	244	2,506	566,019	92.7%	0.6	98.8	49,716
PUTNAM 2	244	2,461	555,871	92.7%	0.6	99.3	48,802
RIVIERA 3	273	2,541	454,646	65.6%	0.5	99.8	44,528
PT EVERGLADES 2	205	422	63,985	73.8%	0.1	99.9	6,506
FORT MYERS 3A_B	325	200	63,808	98.2%	0.1	99.9	6,417
PT EVERGLADES 1	205	305	48,909	78.1%	0.0	100.0	4,971
SANFORD 3	139	291	23,643	58.5%	0.0	100.0	2,469
CUTLER 6	112	24	2,556	95.4%	0.0	100.0	264
CUTLER 5	66	28	1,206	65.2%	0.0	100.0	141
FORT MYERS 1-12	583	0	0	0.0%	0.0	100.0	0
LAUDERDALE 1-24	718	0	0	0.0%	0.0	100.0	0
EVERGLADES 1-12	359	0	0	0.0%	0.0	100.0	0
Total	21,577		100,510,227		100.0	100.0	5,541,861

**FLORIDA POWER & LIGHT COMPANY
UNITS TO BE USED TO DETERMINE THE
GENERATING PERFORMANCE INCENTIVE FACTOR**

JANUARY THROUGH DECEMBER, 2007

Ft. Myers 2

Lauderdale 4

Lauderdale 5

Manatee 1

Martin 1

Martin 4

Sanford 4

Sanford 5

Scherer 4

St. Lucie 1

St. Lucie 2

Turkey Point 3

Turkey Point 4

GENERATING PERFORMANCE INCENTIVE FACTOR

REWARD/PENALTY TABLE (ESTIMATED)

FLORIDA POWER & LIGHT COMPANY
JANUARY THROUGH DECEMBER, 2007

Generating Performance Incentive Points (GPIF)	Fuel Savings/(Loss) (\$000)	Generating Performance Incentive Factor (\$000)
+ 10	166,923	27,514
+ 9	150,230	24,763
+ 8	133,538	22,011
+ 7	116,846	19,260
+ 6	100,154	16,509
+ 5	83,461	13,757
+ 4	66,769	11,006
+ 3	50,077	8,254
+ 2	33,385	5,503
+ 1	16,692	2,751
0	0	0
- 1	(16,692)	(2,751)
- 2	(33,385)	(5,503)
- 3	(50,077)	(8,254)
- 4	(66,769)	(11,006)
- 5	(83,461)	(13,757)
- 6	(100,154)	(16,509)
- 7	(116,846)	(19,260)
- 8	(133,538)	(22,011)
- 9	(150,230)	(24,763)
- 10	(166,923)	(27,514)

GENERATING PERFORMANCE INCENTIVE FACTOR

CALCULATION OF MAXIMUM ALLOWED INCENTIVE DOLLARS

ESTIMATED

FLORIDA POWER & LIGHT COMPANY
PERIOD OF: JANUARY THROUGH DECEMBER, 2007

LINE 1	BEGINNING OF PERIOD BALANCE OF COMMON EQUITY		\$	7,210,292,104
	END OF MONTH BALANCE OF COMMON EQUITY			
LINE 2	MONTH OF JANUARY	2007	\$	7,037,388,794
LINE 3	MONTH OF FEBRUARY	2007	\$	7,037,730,992
LINE 4	MONTH OF MARCH	2007	\$	7,049,080,584
LINE 5	MONTH OF APRIL	2007	\$	7,055,609,412
LINE 6	MONTH OF MAY	2007	\$	7,075,815,379
LINE 7	MONTH OF JUNE	2007	\$	7,089,793,647
LINE 8	MONTH OF JULY	2007	\$	7,108,369,875
LINE 9	MONTH OF AUGUST	2007	\$	7,111,760,301
LINE 10	MONTH OF SEPTEMBER	2007	\$	7,104,390,304
LINE 11	MONTH OF OCTOBER	2007	\$	7,079,347,441
LINE 12	MONTH OF NOVEMBER	2007	\$	7,058,596,970
LINE 13	MONTH OF DECEMBER	2007	\$	7,361,579,029
LINE 14	AVERAGE COMMON EQUITY FOR THE PERIOD (SUMMATION OF LINE 1 THROUGH LINE 13 DIVIDED BY 13)		\$	7,106,134,000
LINE 15	25 BASIS POINTS			0.0025
LINE 16	REVENUE EXPANSION FACTOR			63.6941%
LINE 17	MAXIMUM ALLOWED INCENTIVE DOLLARS (LINE 14 TIMES LINE 15 DIVIDED BY LINE 16)		\$	27,891,653
LINE 18	JURISDICTIONAL SALES			107,697,622,149 KWH
LINE 19	TOTAL SALES			109,174,541,885 KWH
LINE 20	JURISDICTIONAL SEPARATION FACTOR (LINE 18 DIVIDED BY LINE 19)			98.65%
LINE 21	MAXIMUM ALLOWED JURISDICTIONAL INCENTIVE DOLLARS		\$	27,514,333

GPIF TARGET AND RANGE SUMMARY

FLORIDA POWER & LIGHT COMPANY
PERIOD OF: JANUARY THROUGH DECEMBER, 2007

<u>Plant / Unit</u>	<u>Weighting Factor (%)</u>	<u>EAF Target (%)</u>	<u>EAF Range</u>		<u>Max. Fuel Savings (\$000's)</u>	<u>Max. Fuel Loss (\$000's)</u>
			<u>Max. (%)</u>	<u>Min. (%)</u>		
Ft. Myers 2	3.95	78.9	81.9	75.9	6,597.5	-6,597.5
Lauderdale 4	0.52	82.6	84.6	80.6	872.5	-872.5
Lauderdale 5	0.56	92.2	94.2	90.2	928.2	-928.2
Manatee 1	0.15	86.6	89.1	84.1	247.5	-247.5
Martin 1	0.26	94.6	97.1	92.1	434.5	-434.5
Martin 4	0.86	94.0	96.5	91.5	1,443.8	-1,443.8
Sanford 4	2.07	90.2	92.2	88.2	3,462.3	-3,462.3
Sanford 5	2.56	91.3	93.8	88.8	4,266.3	-4,266.3
Scherer 4	4.23	96.0	98.0	94.0	7,056.4	-7,056.4
St. Lucie 1	9.83	84.0	87.0	81.0	16,407.8	-16,407.8
St. Lucie 2	6.69	70.3	73.3	67.3	11,168.9	-11,168.9
Turkey Point 3	8.24	84.2	87.2	81.2	13,749.9	-13,749.9
Turkey Point 4	10.38	90.7	94.2	87.2	17,333.5	-17,333.5
	<u>50.30</u>				<u>83,969.1</u>	<u>-83,969.1</u>

GPIF TARGET AND RANGE SUMMARY

FLORIDA POWER & LIGHT COMPANY
PERIOD OF: JANUARY THROUGH DECEMBER, 2007

<u>Plant / Unit</u>	<u>Weighting Factor (%)</u>	<u>ANOHR TARGET</u>		<u>ANOHR RANGE</u>		<u>Max. Fuel Savings (\$000's)</u>	<u>Max. Fuel Loss (\$000's)</u>
		<u>BTU/KWH</u>	<u>NOF</u>	<u>BTU/KWH</u>	<u>BTU/KWH</u>		
Ft. Myers 2	4.95	6,814	85.9	6,734	6,894	8,259.9	-8,259.9
Lauderdale 4	2.87	7,650	85.1	7,428	7,871	4,793.5	-4,793.5
Lauderdale 5	2.25	7,548	88.9	7,400	7,695	3,755.4	-3,755.4
Manatee 1	4.75	10,220	66.2	9,860	10,580	7,933.9	-7,933.9
Martin 1	3.97	10,027	65.2	9,796	10,259	6,632.5	-6,632.5
Martin 4	1.22	6,926	95.6	6,832	7,019	2,029.1	-2,029.1
Sanford 4	4.70	6,878	89.2	6,772	6,983	7,843.9	-7,843.9
Sanford 5	7.19	6,844	90.0	6,669	7,018	11,994.9	-11,994.9
Scherer 4	0.54	10,136	92.5	10,044	10,229	897.3	-897.3
St. Lucie 1	1.79	10,961	97.6	10,901	11,021	2,989.2	-2,989.2
St. Lucie 2	2.60	11,002	97.4	10,874	11,130	4,332.6	-4,332.6
Turkey Point 3	6.04	11,112	97.6	10,862	11,361	10,081.6	-10,081.6
Turkey Point 4	6.84	11,120	97.5	10,859	11,381	11,409.5	-11,409.5
	<u>49.70</u>					<u>82,953.4</u>	<u>-82,953.4</u>

PROJECTED UNIT HEAT RATE EQUATIONS
FLORIDA POWER & LIGHT COMPANY
PERIOD OF: JANUARY THROUGH DECEMBER, 2007

Plant/Unit	ANOHR	NOF	MW	ANOHR Equation		Bounds	First	Last	Exclusions
				a coef.	b coef.				
Ft. Myers 2	6,814	85.9	1435	6921	-1.24	80	07-02	06-05	Oct 03, Nov-Dec 04, Dec 05
Lauderdale 4	7,650	85.1	433	9183	-18.02	221	07-02	06-05	Mar-Apr 04
Lauderdale 5	7,548	88.9	433	8614	-11.99	148	07-02	06-05	Nov 03, Jan 04, Nov 04, Nov-Dec 05
Manatee 1	10,220	66.2	806	10497	-4.19	360	07-02	06-05	Oct-Nov 05, Feb 06, May-June 06
Martin 1	10,027	65.2	817	10114	-1.33	232	07-02	06-05	Feb-Apr 05, Feb 06
Martin 4	6,926	95.6	457	7307	-3.99	94	07-02	06-05	Sep 03, Nov-Dec 03, Jan 04, Feb-Apr 05
Sanford 4	6,878	89.2	958	7485	-6.81	105	07-02	06-05	Jul-Sep 03
Sanford 5	6,844	90.0	954	7697	-9.48	175	07-02	06-05	Oct 03, Apr 06
Scherer 4	10,136	92.5	644	10402	-2.87	93	07-02	06-05	Mar 04, Dec 04, Feb-Mar 05, Oct 05, May 06
St. Lucie 1	10,961	97.6	845	15318	-44.66	60	07-02	06-05	Apr 04, Sep 04, Aug-Sep 05, Nov-Dec 05
St. Lucie 2	11,002	97.4	719	13559	-26.26	128	07-02	06-05	Jan-Feb 05, May-Jun 06
Turkey Point 3	11,112	97.6	703	13803	-27.58	249	07-02	06-05	Oct-Dec 04, Oct 05
Turkey Point 4	11,120	97.5	703	13979	-29.33	261	07-02	06-05	Oct 03, Apr-May 05

DERIVATION OF WEIGHT FACTORS
FLORIDA POWER & LIGHT COMPANY
PERIOD OF: JANUARY THROUGH DECEMBER, 2007
PRODUCTION COSTING SIMULATION
FUEL COST (\$000)

<u>Unit</u>	<u>Performance Indicator</u>	<u>At Target (1)</u>	<u>At Maximum Improvement (2)</u>	<u>Savings (3)</u>	<u>Factor (% Of Savings)</u>
Ft. Myers 2	EAF	5,541,861	5,535,264	6,597.5	3.95
Ft. Myers 2	ANOHR	5,541,861	5,533,601	8,259.9	4.95
Lauderdale 4	EAF	5,541,861	5,540,989	872.5	0.52
Lauderdale 4	ANOHR	5,541,861	5,537,068	4,793.5	2.87
Lauderdale 5	EAF	5,541,861	5,540,933	928.2	0.56
Lauderdale 5	ANOHR	5,541,861	5,538,106	3,755.4	2.25
Manatee 1	EAF	5,541,861	5,541,614	247.5	0.15
Manatee 1	ANOHR	5,541,861	5,533,927	7,933.9	4.75
Martin 1	EAF	5,541,861	5,541,426	434.5	0.26
Martin 1	ANOHR	5,541,861	5,535,228	6,632.5	3.97
Martin 4	EAF	5,541,861	5,540,417	1,443.8	0.86
Martin 4	ANOHR	5,541,861	5,539,832	2,029.1	1.22
Sanford 4	EAF	5,541,861	5,538,399	3,462.3	2.07
Sanford 4	ANOHR	5,541,861	5,534,017	7,843.9	4.70
Sanford 5	EAF	5,541,861	5,537,595	4,266.3	2.56
Sanford 5	ANOHR	5,541,861	5,529,866	11,994.9	7.19
Scherer 4	EAF	5,541,861	5,534,805	7,056.4	4.23
Scherer 4	ANOHR	5,541,861	5,540,964	897.3	0.54
St. Lucie 1	EAF	5,541,861	5,525,453	16,407.8	9.83
St. Lucie 1	ANOHR	5,541,861	5,538,872	2,989.2	1.79
St. Lucie 2	EAF	5,541,861	5,530,692	11,168.9	6.69
St. Lucie 2	ANOHR	5,541,861	5,537,528	4,332.6	2.60
Turkey Point 3	EAF	5,541,861	5,528,111	13,749.9	8.24
Turkey Point 3	ANOHR	5,541,861	5,531,779	10,081.6	6.04
Turkey Point 4	EAF	5,541,861	5,524,527	17,333.5	10.38
Turkey Point 4	ANOHR	5,541,861	5,530,451	11,409.5	6.84
TOTAL				166,922.6	100.00

(1) FUEL ADJUSTMENT - ALL UNITS PERFORMANCE AT TARGET

(2) ALL OTHER UNITS PERFORMANCE AT TARGET

(3) EXPRESSED IN REPLACEMENT ENERGY COSTS.

**ESTIMATED UNIT PERFORMANCE DATA
FLORIDA POWER & LIGHT COMPANY
PERIOD OF: JANUARY THROUGH DECEMBER, 2007**

<u>Plant/Unit</u>	<u>EAF</u>	<u>EPOF</u>	<u>EUOF</u>	<u>PH</u>	<u>SH</u>	<u>RSH</u>	<u>UH</u>	<u>EPOH</u>	<u>EFOH</u>	<u>EMOH</u>	<u>NET GEN</u>
Ft. Myers 2	78.9	12.2	8.9	8760	6912	0	1848	1069	175	604	10,033,454
Lauderdale 4	82.6	13.4	4.0	8760	5684	1552	1524	1174	175	175	2,094,764
Lauderdale 5	92.2	3.8	4.0	8760	6377	1700	683	333	175	175	2,455,513
Manatee 1	86.6	7.7	5.7	8760	4358	3228	1174	675	272	228	2,324,325
Martin 1	94.6	0.0	5.4	8760	5573	2714	473	0	175	298	2,970,755
Martin 4	94.0	0.0	6.0	8760	4803	3431	526	0	175	350	2,096,900
Sanford 4	90.2	5.8	4.0	8760	7902	0	858	508	175	175	7,334,385
Sanford 5	91.3	1.9	6.8	8760	7929	69	762	166	175	420	6,808,879
Scherer 4	96.0	0.0	4.0	8760	8410	0	350	0	175	175	5,217,661
St. Lucie 1	84.0	9.6	6.4	8760	7359	0	1401	840	280	280	6,528,213
St. Lucie 2	70.3	23.3	6.4	8760	6159	0	2601	2040	280	280	4,705,091
Turkey Point 3	84.2	8.2	7.6	8760	7374	0	1386	720	385	280	5,517,242
Turkey Point 4	90.7	0.0	9.3	8760	7945	0	815	0	534	280	6,003,732

EPOF = equivalent planned outage factor. $EPOF = (EPOH/PH) * 100$

EUOF = equivalent unavailable outage factor. $EUOF = ((EFOH + EMOH)/PH) * 100$

PH = period hours

SH = service hours

RSH = reserve shutdown

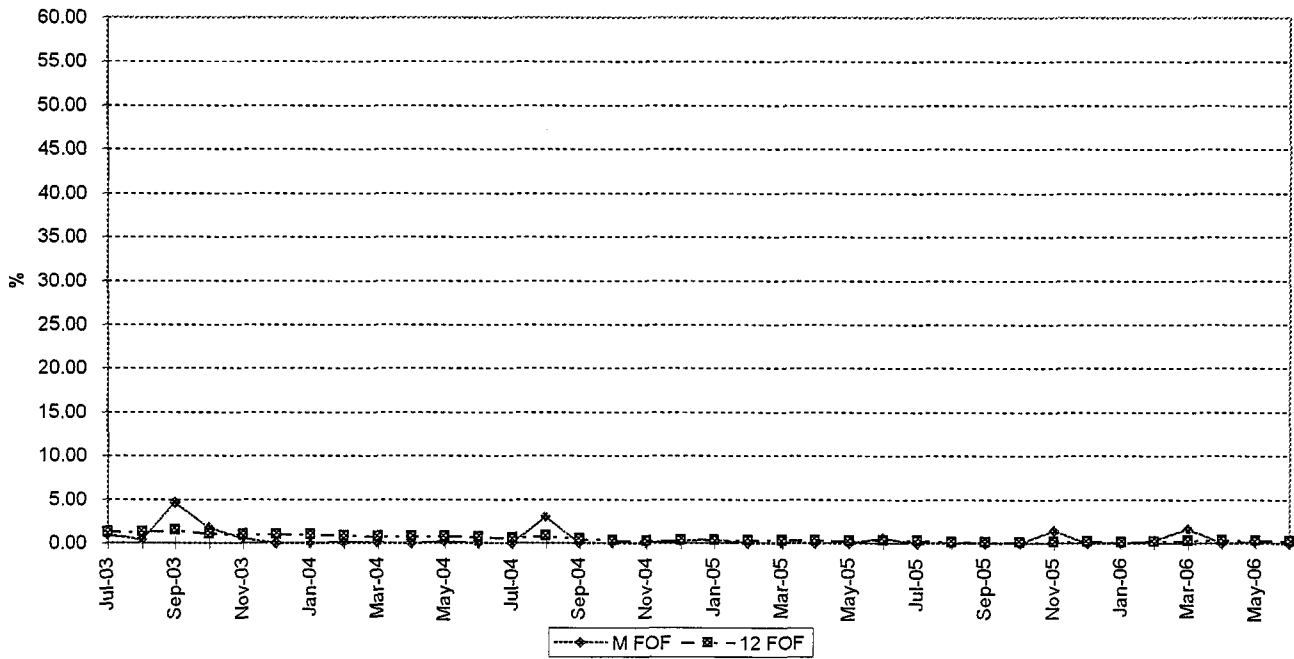
UH = unavailable hours . $UH = PH - SH - RSH$

EPOH = equivalent planned outage hours

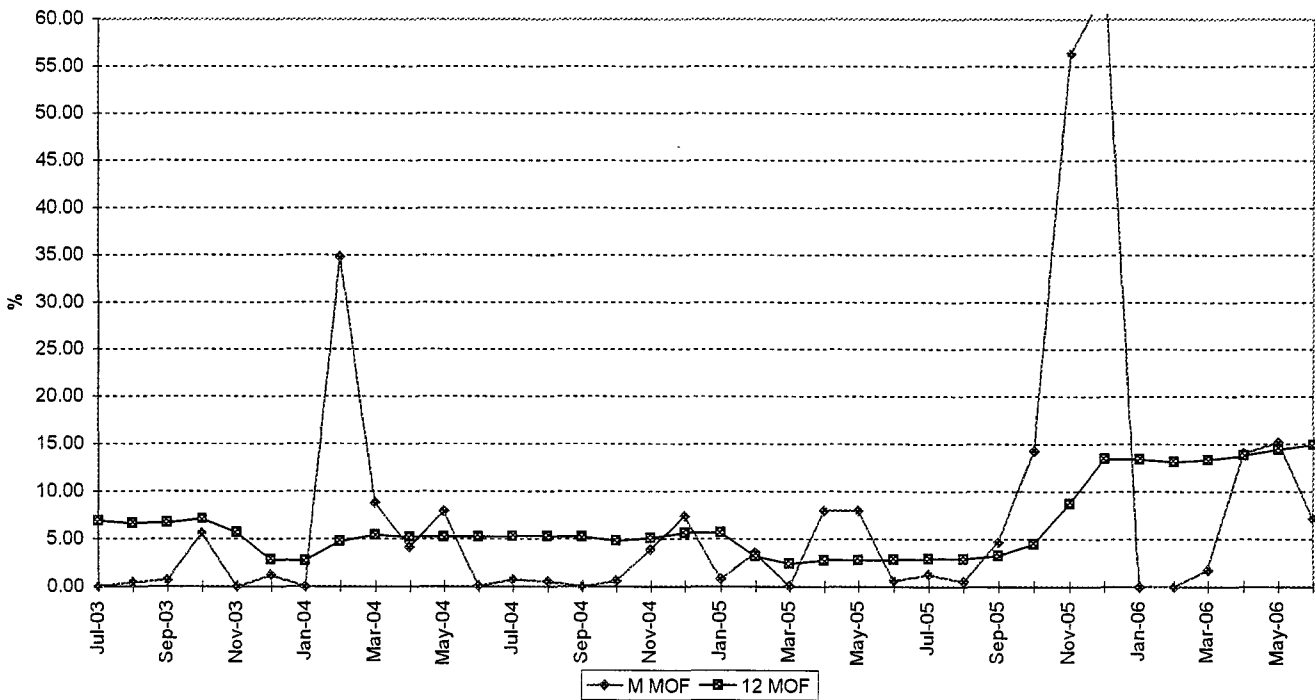
EFOH = equivalent forced outage hours

EMOH = equivalent maintenance outage hours

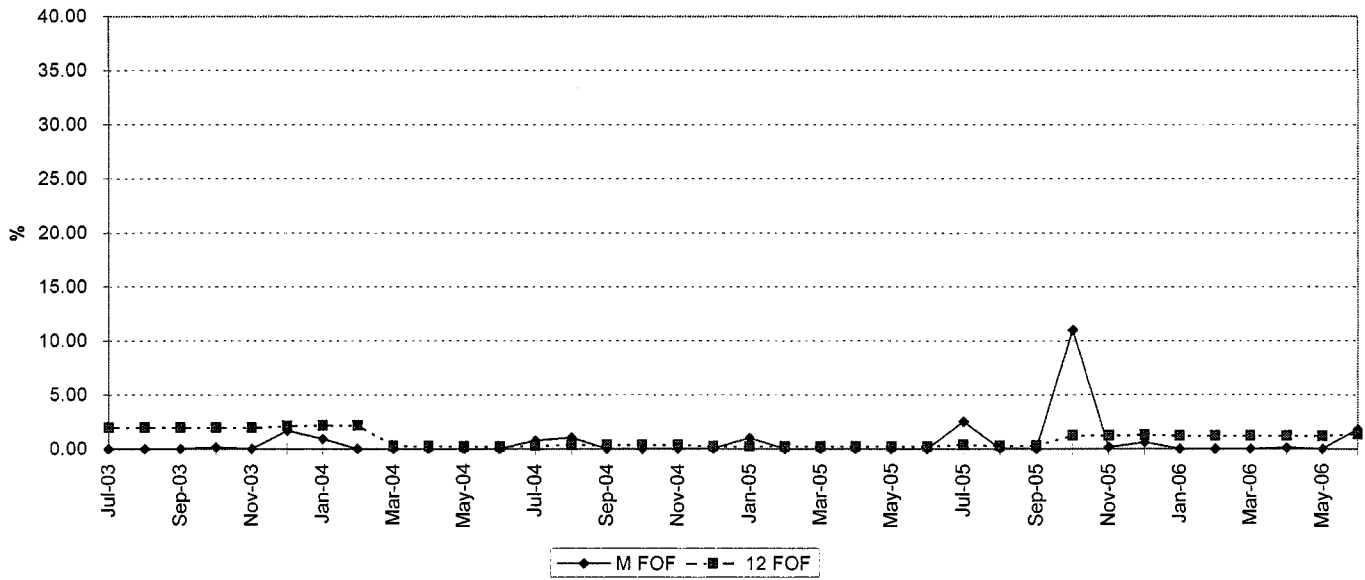
PFM 2 FORCED OUTAGE FACTOR



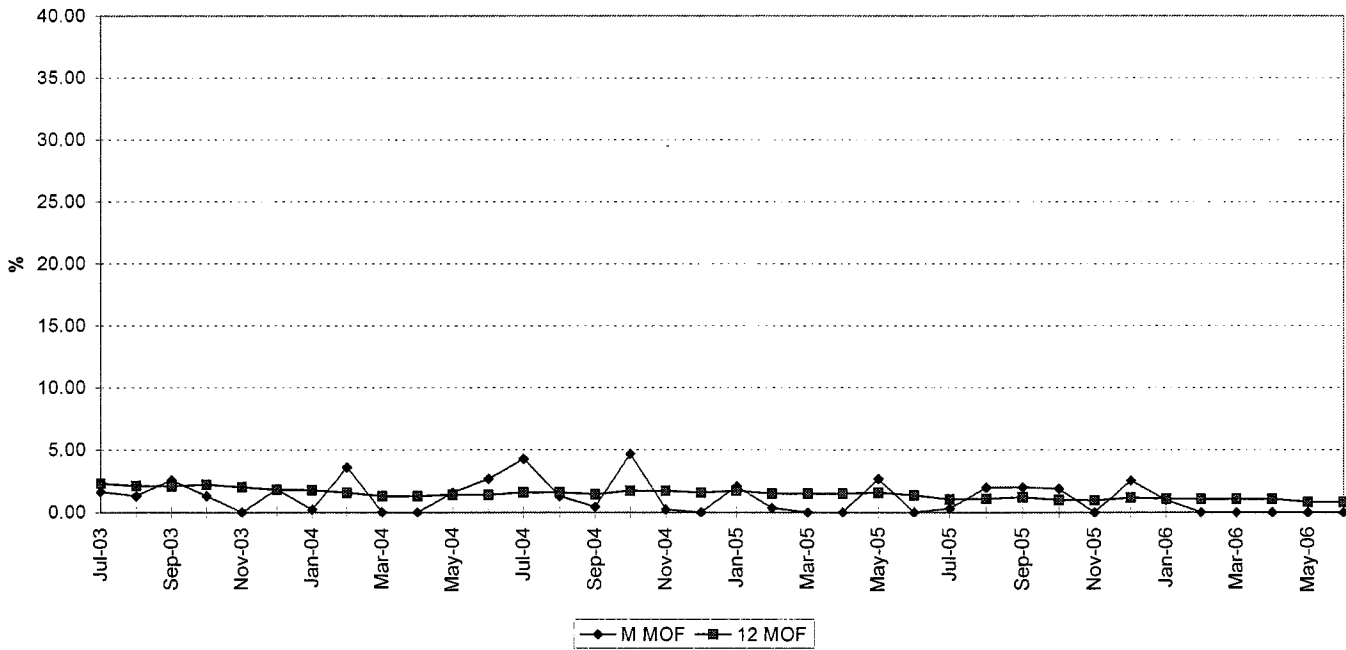
MAINTENANCE OUTAGE FACTOR



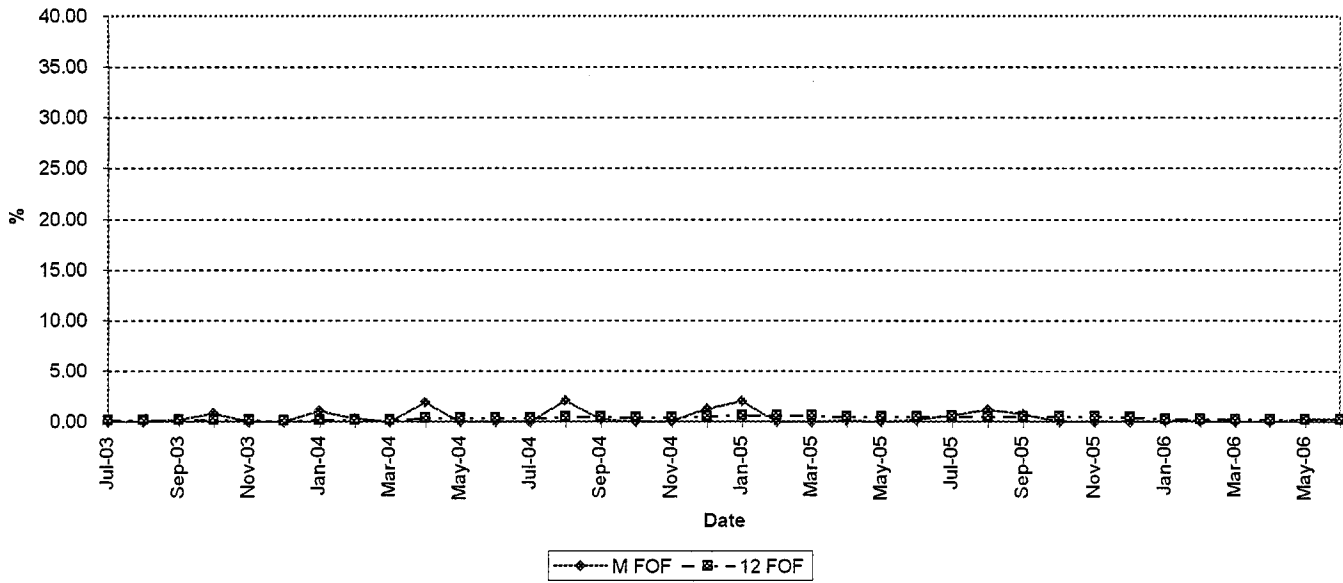
PFL 4 FORCED OUTAGE FACTOR



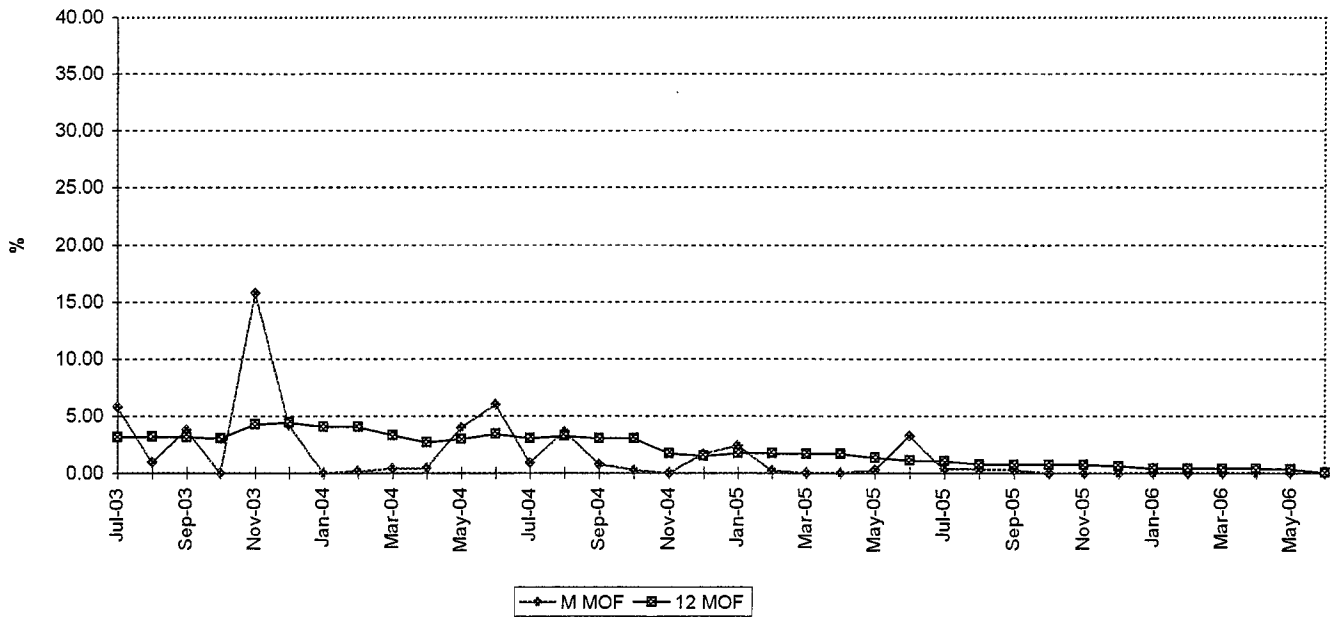
MAINTENANCE OUTAGE FACTOR



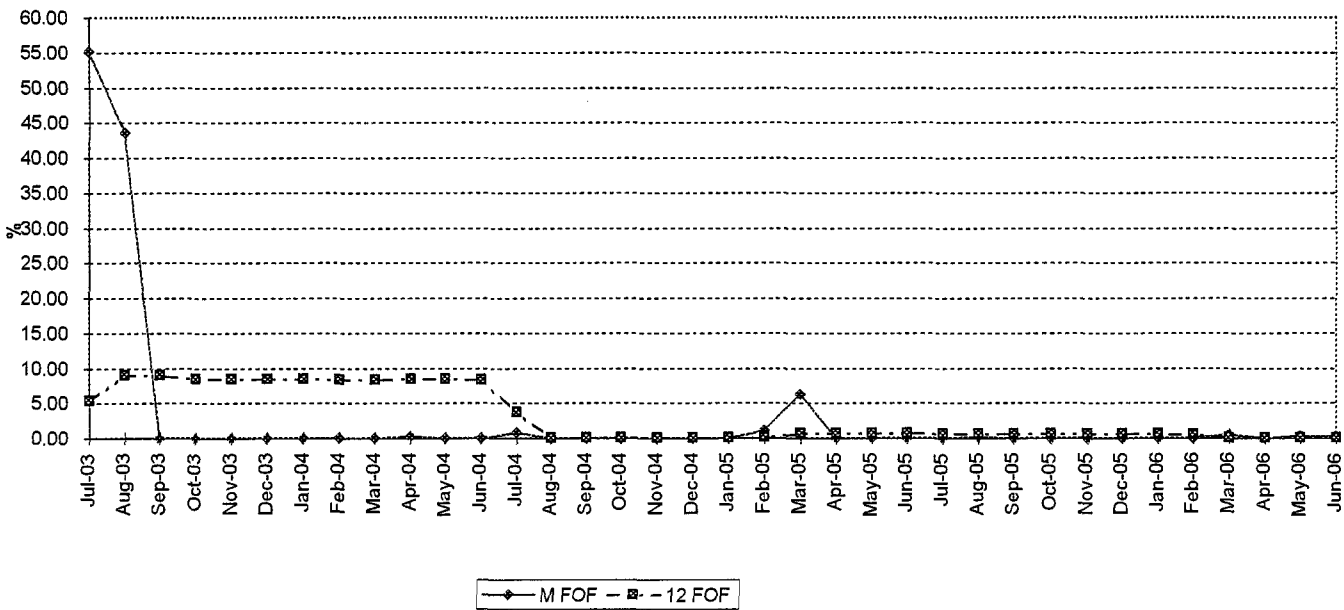
PFL 5 FORCED OUTAGE FACTOR



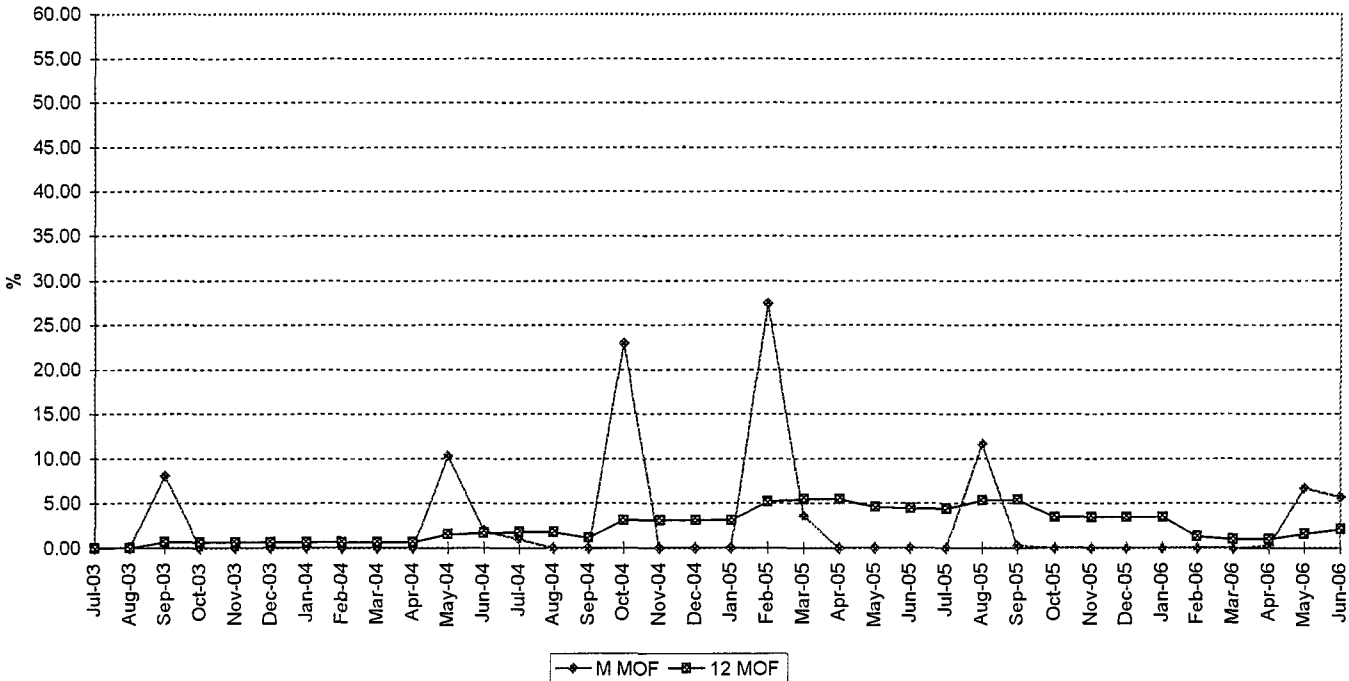
MAINTENANCE OUTAGE FACTOR



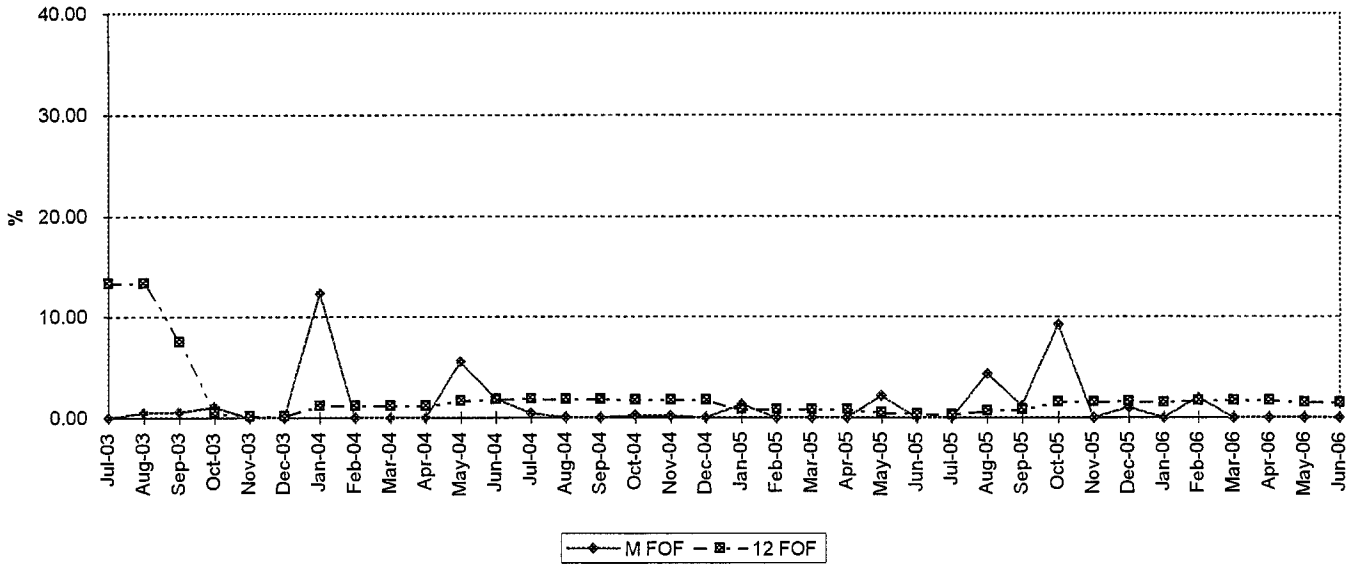
PMT 1 FORCED OUTAGE FACTOR



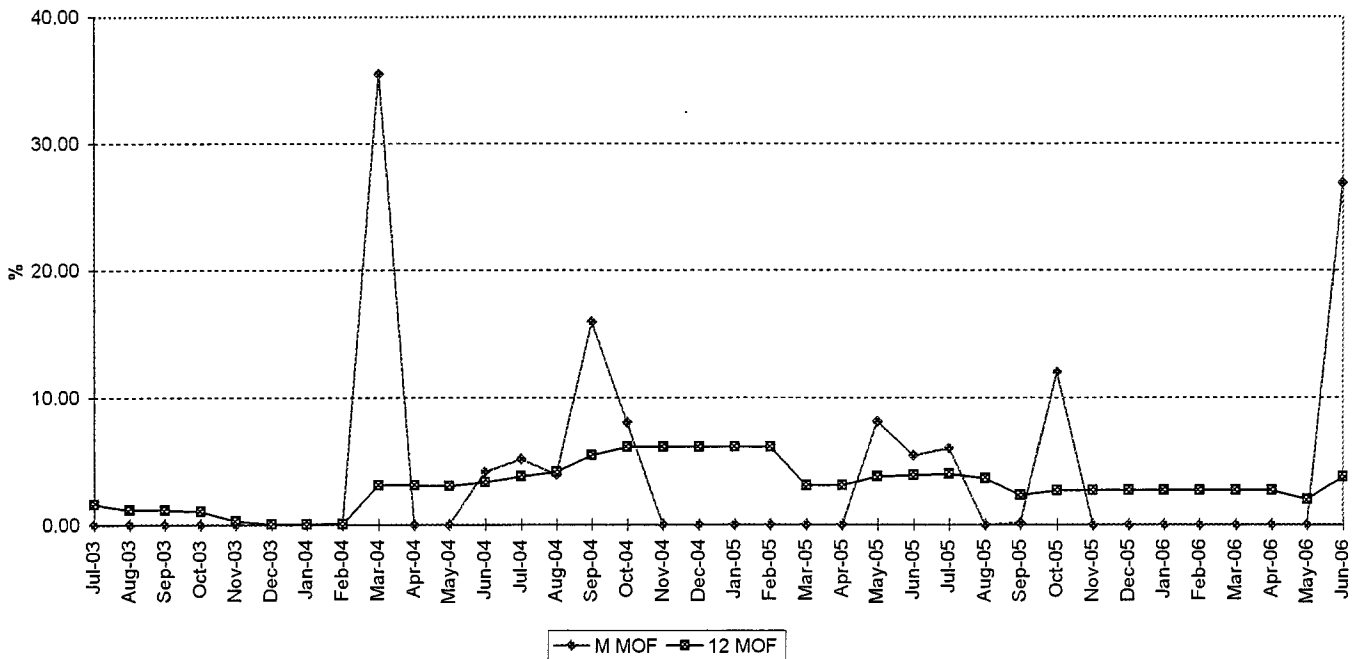
MAINTENANCE OUTAGE FACTOR



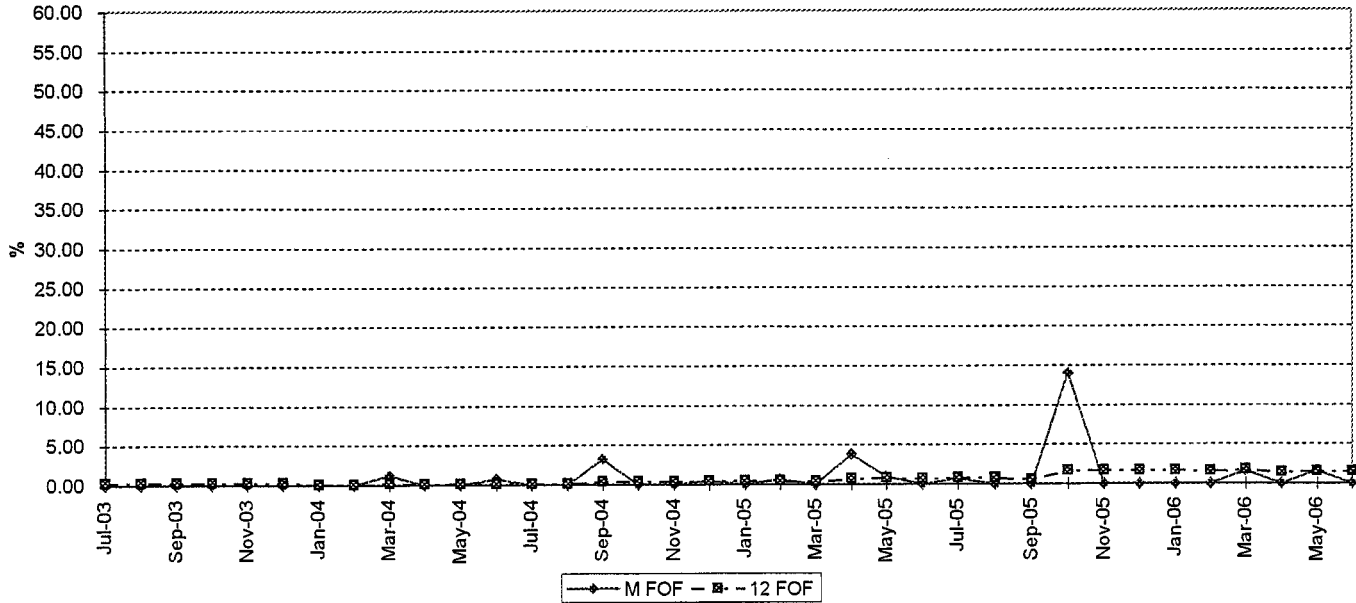
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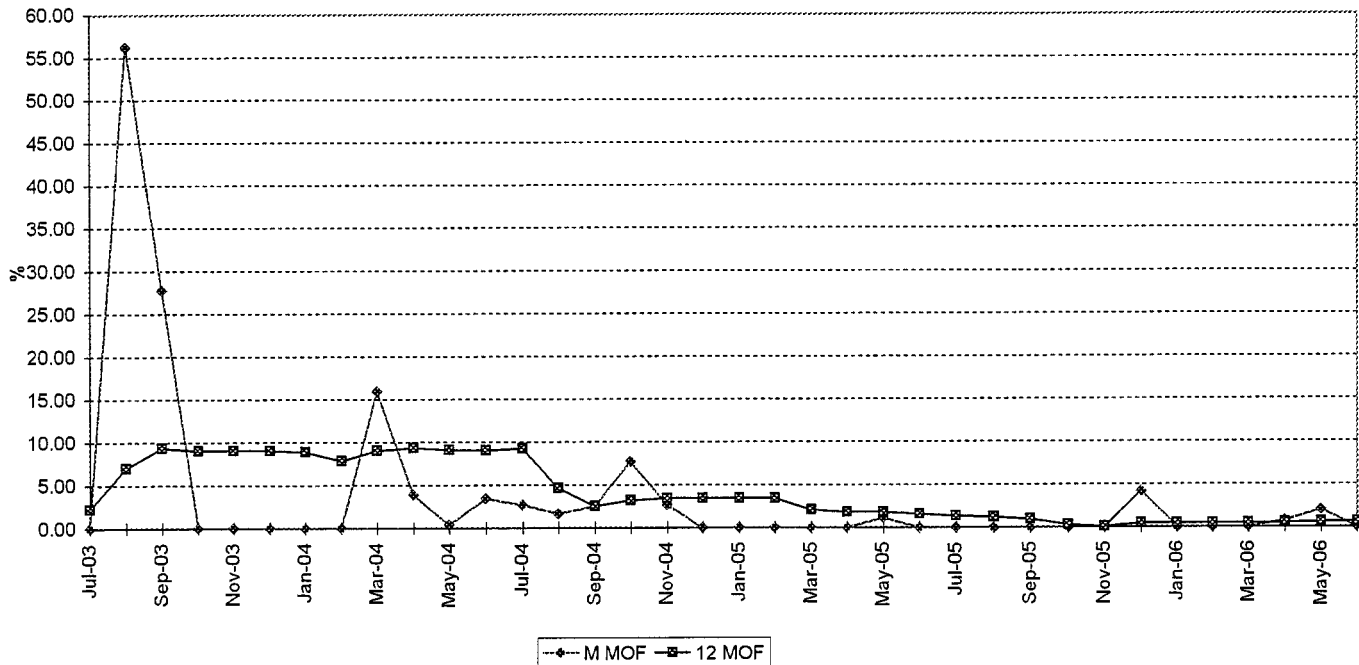
MAINTENANCE OUTAGE FACTOR



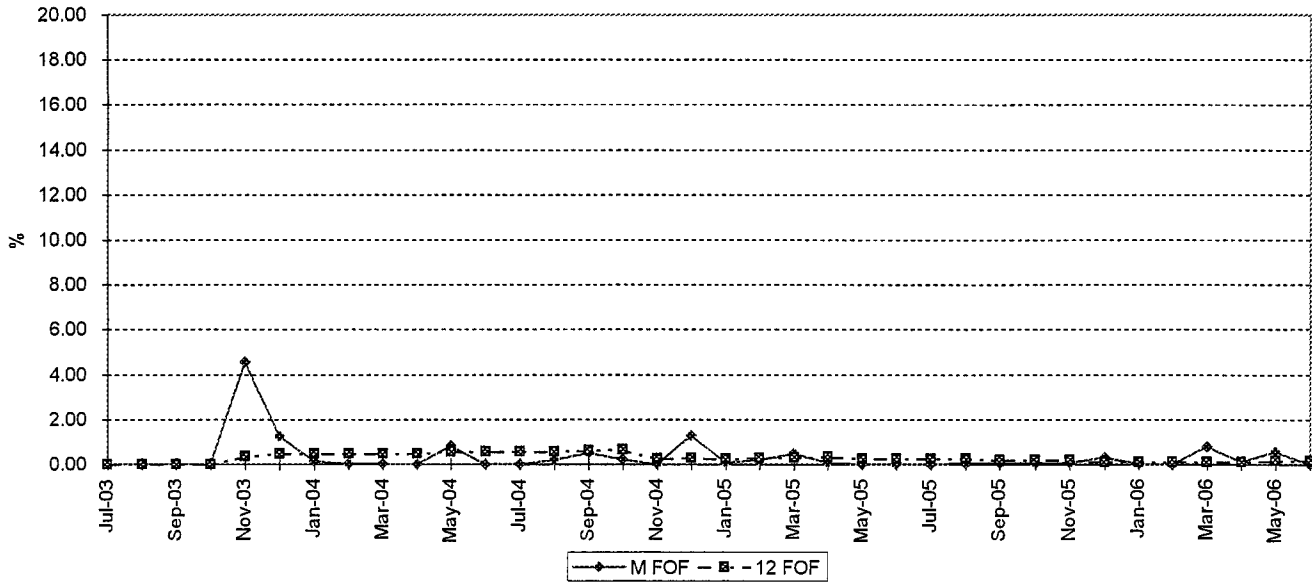
PMG 4 FORCED OUTAGE FACTOR



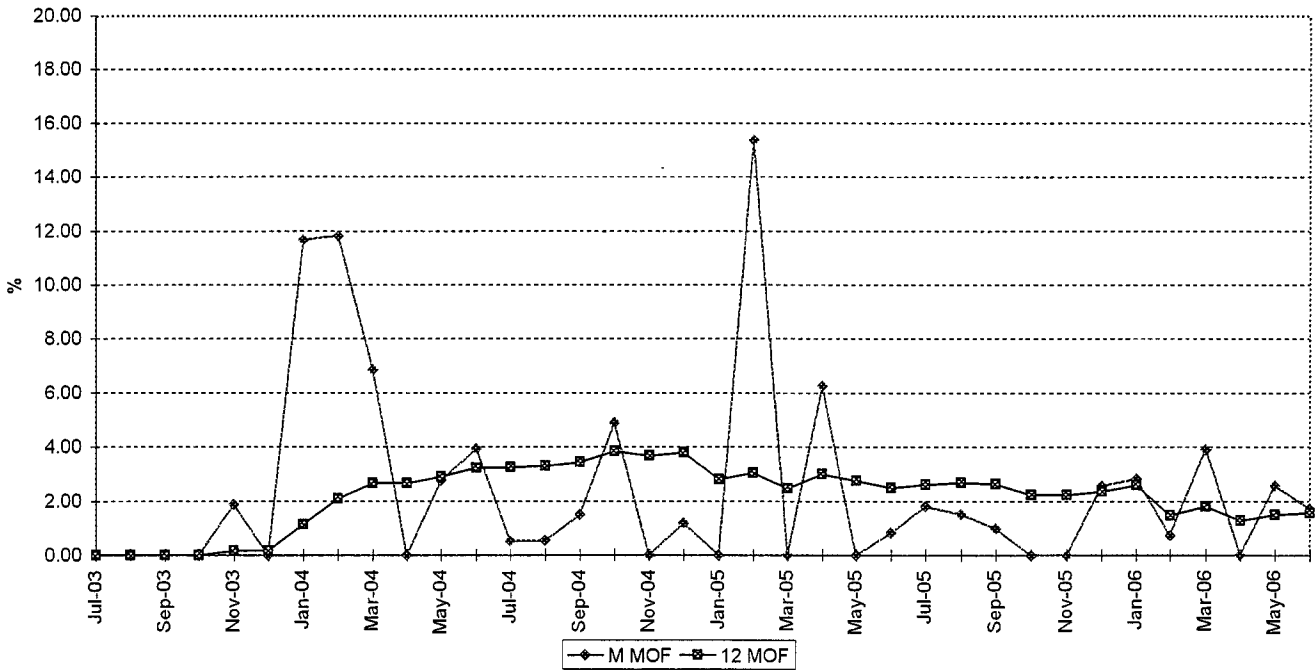
MAINTENANCE OUTAGE FACTOR



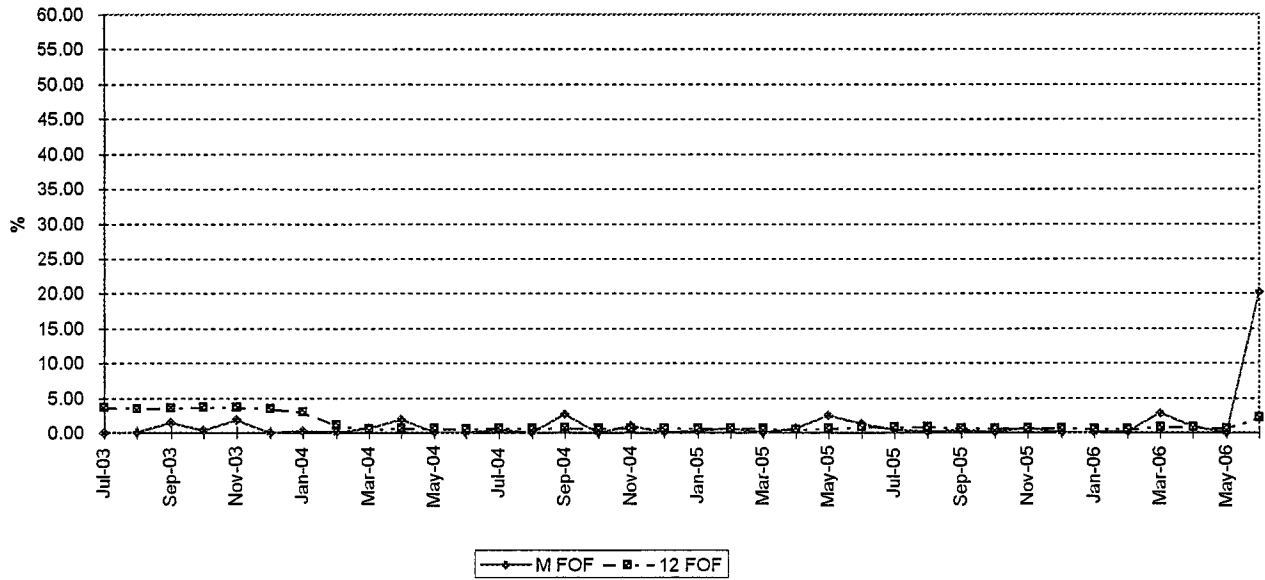
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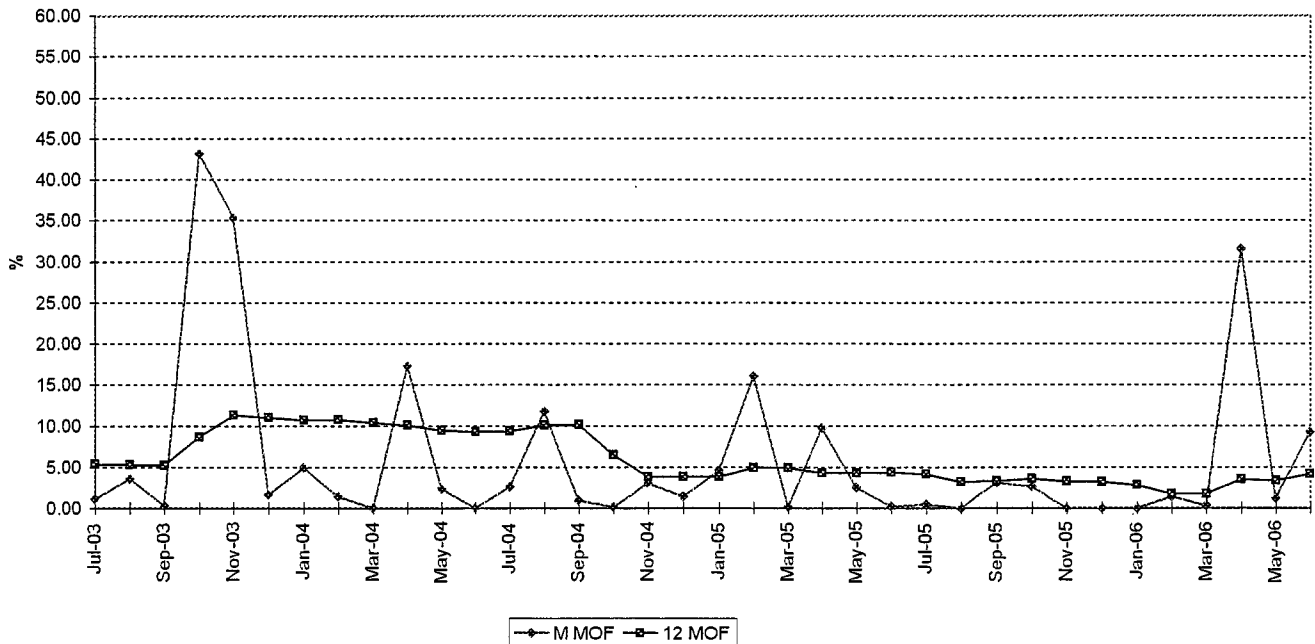
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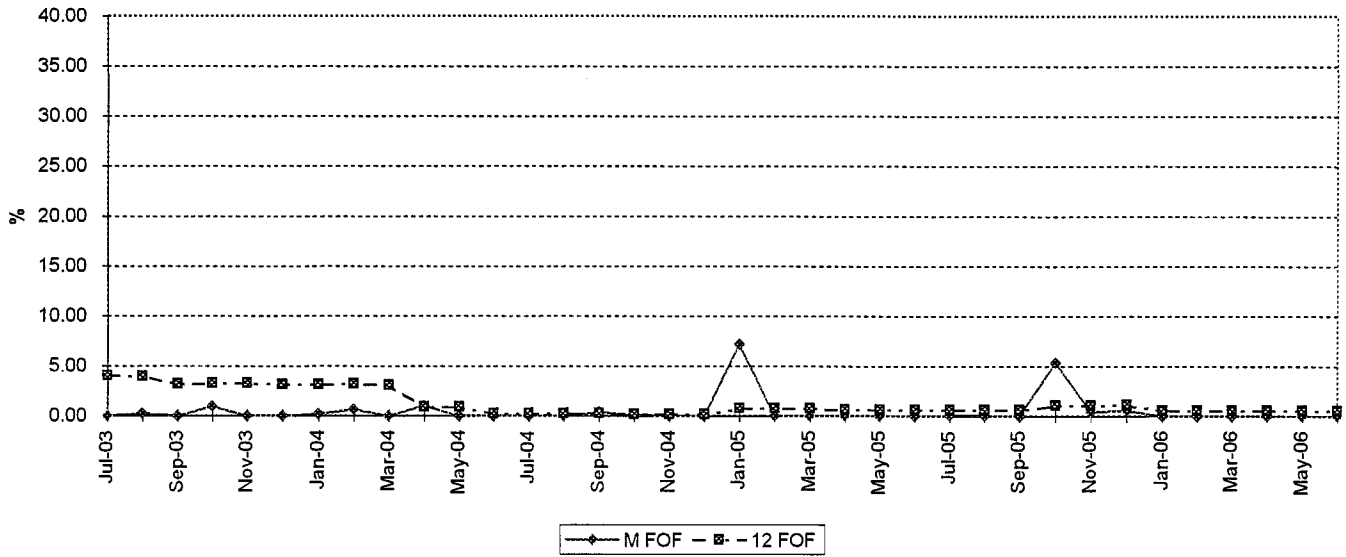
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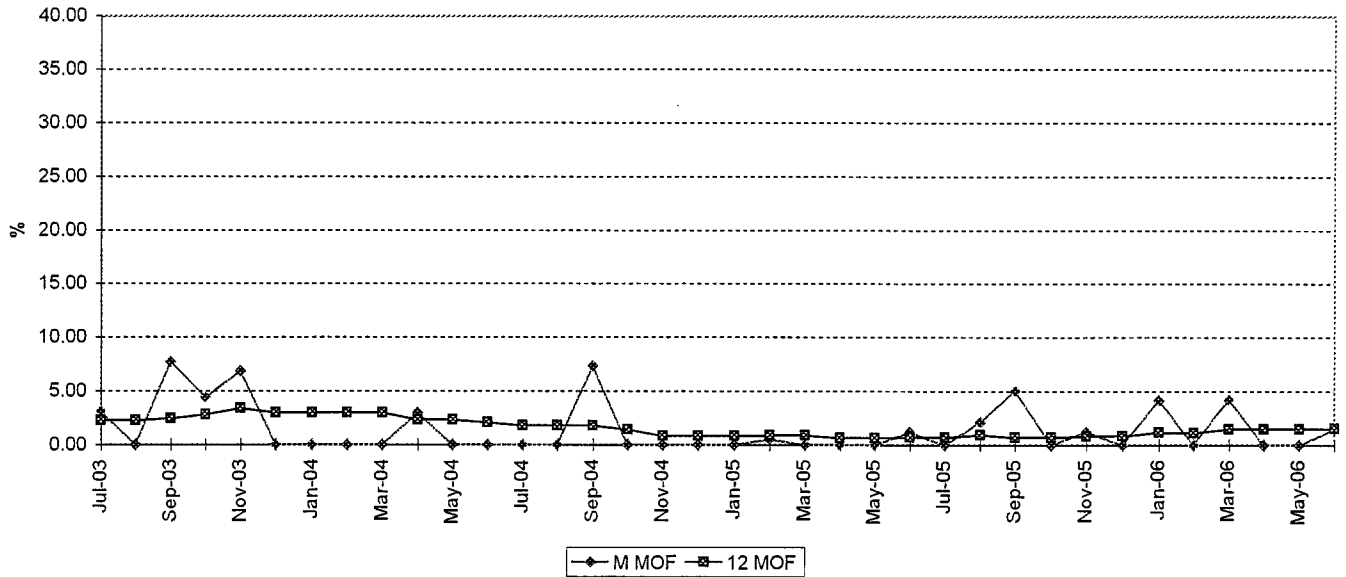
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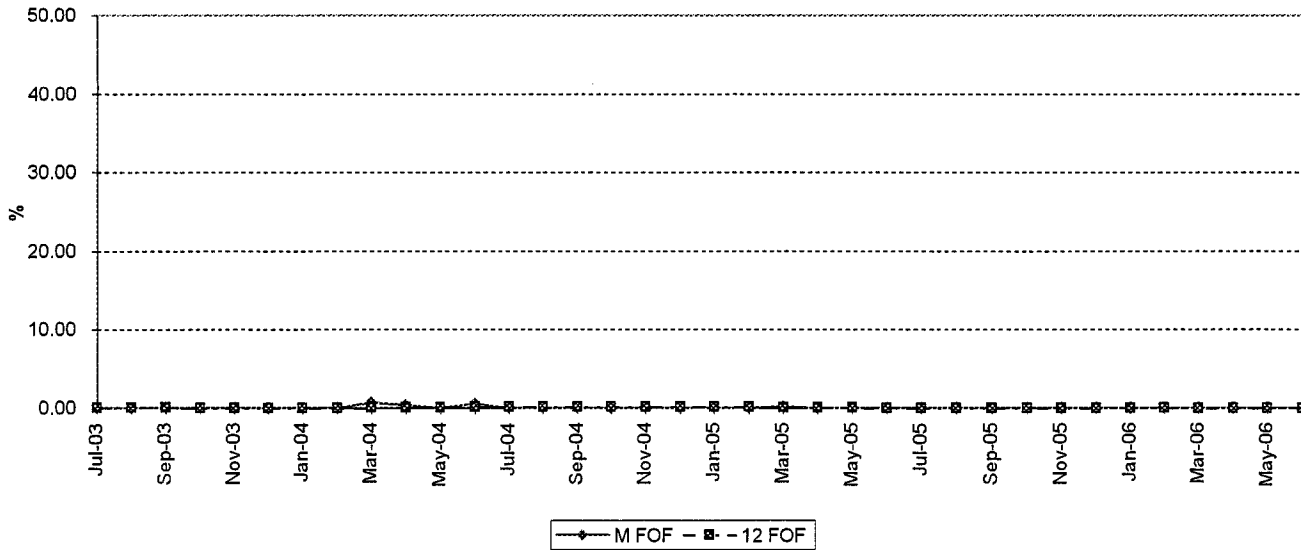
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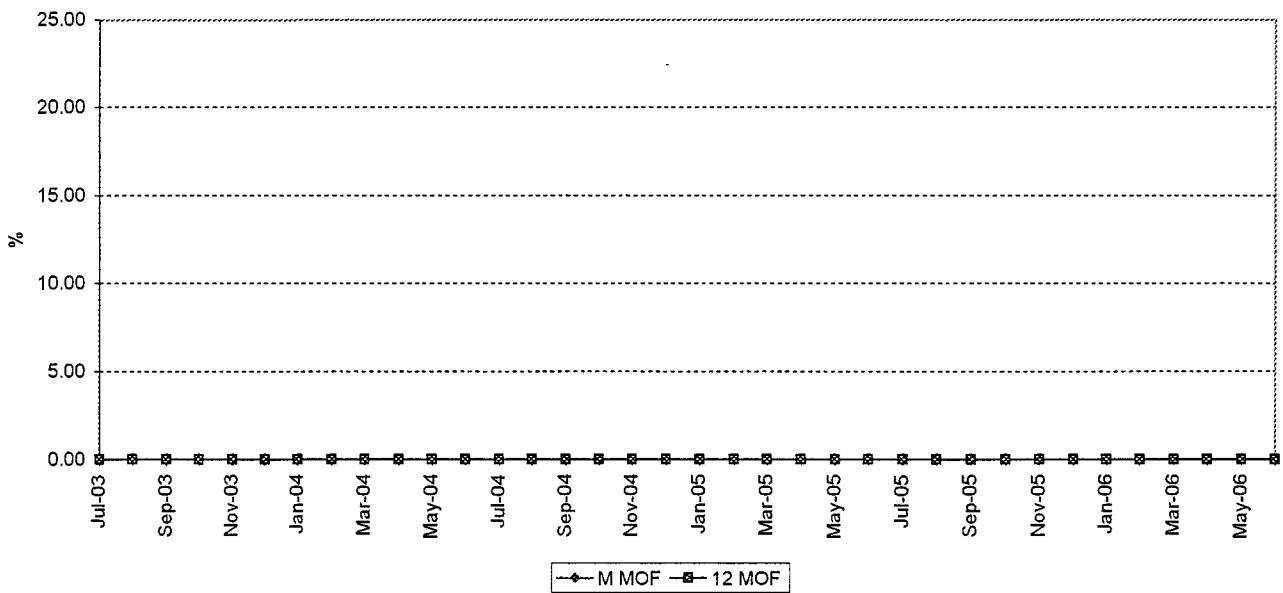
MAINTENANCE OUTAGE FACTOR



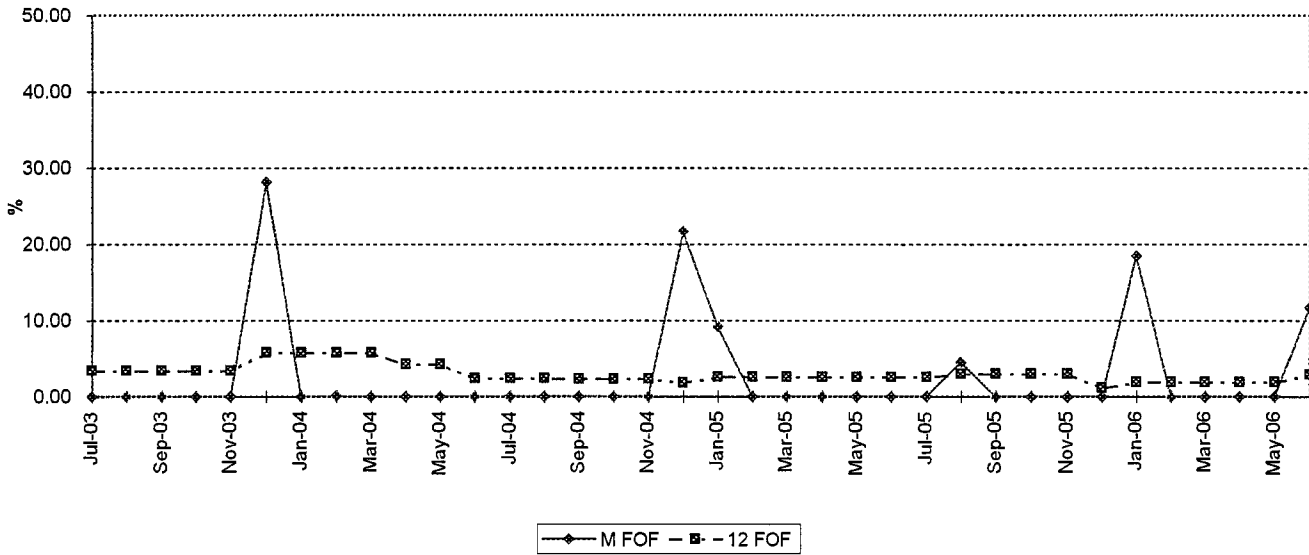
PSL 1 FORCED OUTAGE FACTOR



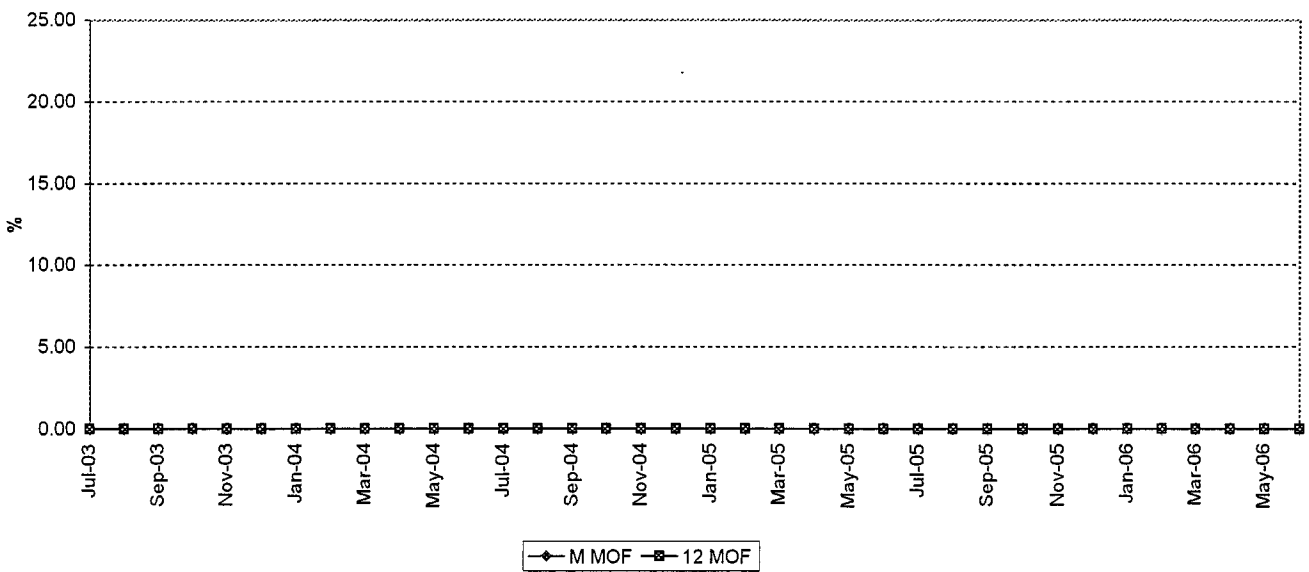
MAINTENANCE OUTAGE FACTOR



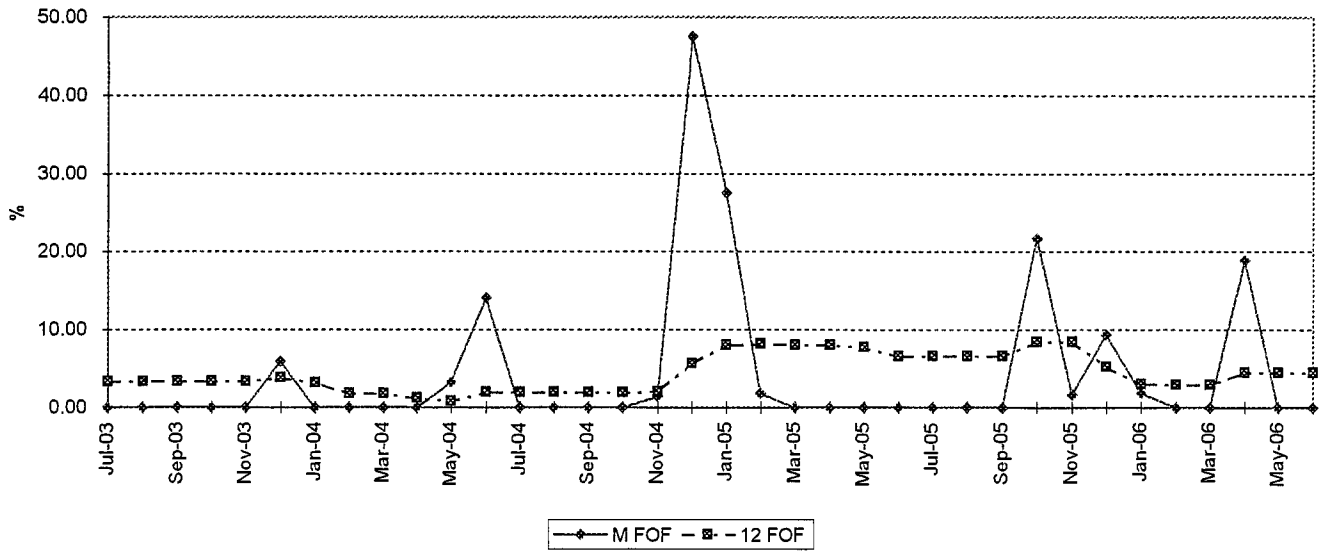
PSL 2 FORCED OUTAGE FACTOR



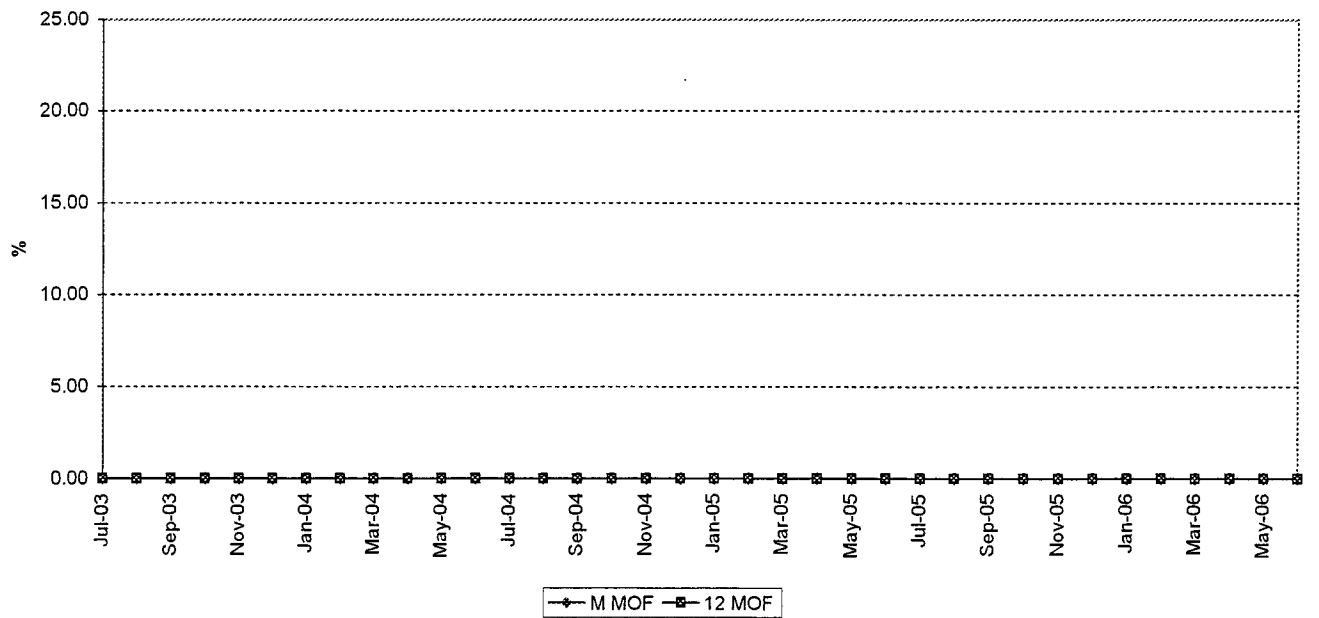
MAINTENANCE OUTAGE FACTOR



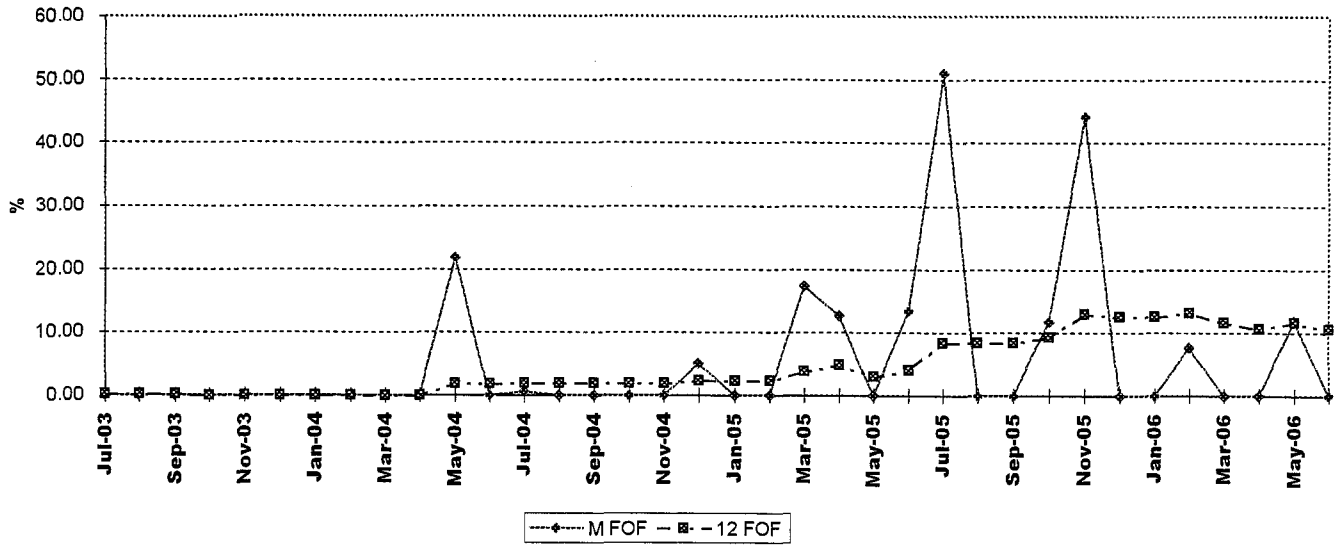
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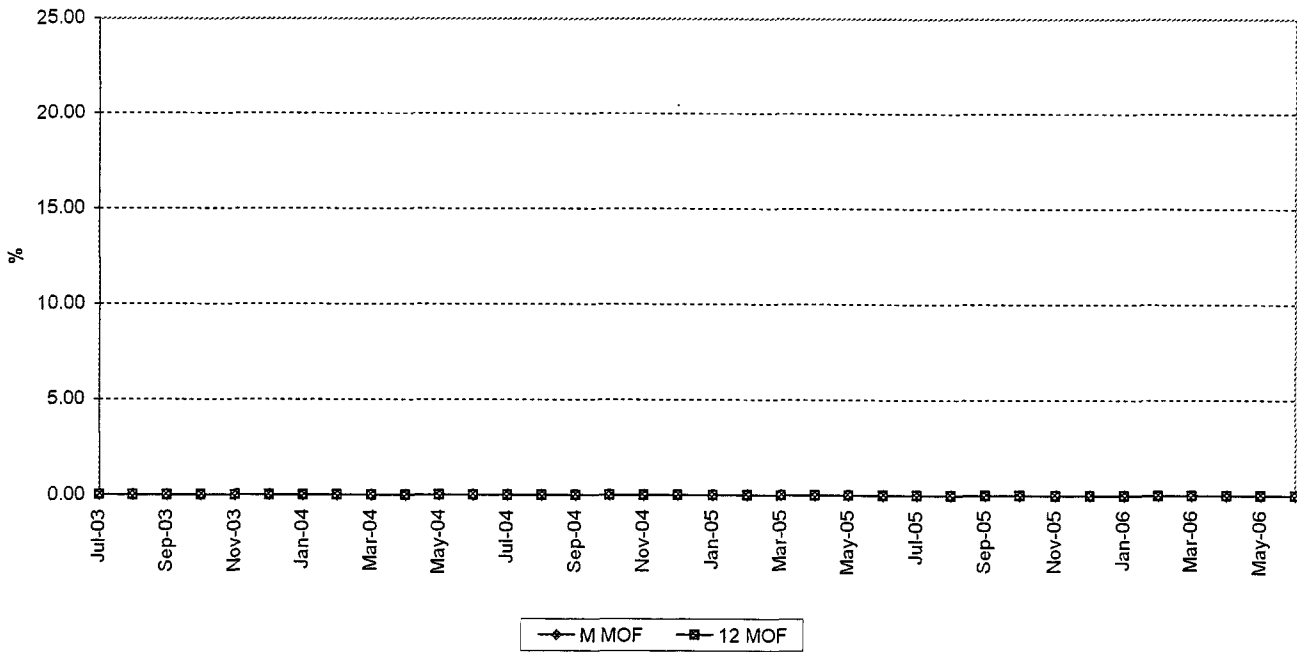
MAINTENANCE OUTAGE FACTOR



PTN 4 FORCED OUTAGE FACTOR



MAINTENANCE OUTAGE FACTOR



PLANNED OUTAGE SCHEDULE (ESTIMATED)

FLORIDA POWER & LIGHT COMPANY

PERIOD OF: JANUARY THROUGH DECEMBER, 2007

PLANT/UNIT	PLAN OUTAGE*	REASON FOR OUTAGE	LR MW**
Ft. Myers 2	02/24/2007 - 04/06/2007	HEAT RECOVERY STEAM GENERATOR (HRSG) RELIABILITY OVERHAUL - 17% CURT.	247
Ft. Myers 2	09/22/2007 - 10/16/2007	B CT AND E CT MAJOR - 34% CURT	484
Ft. Myers 2	10/20/2007 - 11/13/2007	A CT AND D CT MAJOR - 34% CURT.	484
Ft. Myers 2	11/24/2007 - 12/18/2007	C CT AND F CT MAJOR - 34% CURT.	493
Ft. Myers 2	11/24/2007 - 12/07/2007	STEAM VALVE REPAIRS - 4% CURT.	58
Ft. Myers 2	11/24/2007 - 12/14/2007	STEAM VALVE REPAIRS - 30% CURT.	435
Ft. Myers 2	12/04/2007 - 12/08/2007	CONTROLS UPGRADE - 100% CURTAILMENT	1451
Lauderdale 4	03/03/2007 - 04/20/2007	STEAM TURBINE OVERHAUL, A CT COMBUSTOR INSPECTION AND B CT HOT GAS PATH INSP. - 100% CURT.	434
Lauderdale 5	10/06/2007 - 10/19/2007	A CT COMBUSTOR INSP. AND B CT HOT GAS PATH INSP. - 100% CURT.	424
Manatee 1	10/20/2007 - 11/16/2007	MAJOR BOILER OVERHAUL	795
Martin 1	NONE		
Martin 4	NONE		
Sanford 4	04/21/2007 - 05/04/2007	STEAM TURBINE OVERHAUL - 100% CURT.	954
Sanford 4	11/24/2007 - 11/30/2007	A CT COMBUSTOR INSPECTION - 25% CURT.	241
Sanford 4	12/01/2007 - 12/07/2007	B CT COMBUSTOR INSPECTION - 25% CURT.	241
Sanford 4	12/08/2007 - 12/14/2007	C CT COMBUSTOR INSPECTION - 25% CURT.	241
Sanford 4	12/15/2007 - 12/21/2007	D CT COMBUSTOR INSPECTION - 25% CURT.	241
Sanford 5	02/03/2007 - 02/09/2007	A CT COMBUSTOR INSPECTION - 25% CURT.	240
Sanford 5	02/10/2007 - 02/16/2007	D CT COMBUSTOR INSPECTION - 25% CURT.	240
Sanford 5	02/24/2007 - 03/02/2007	B CT COMBUSTOR INSPECTION - 25% CURT.	240
Sanford 5	05/12/2007 - 05/18/2007	C CT COMBUSTOR INSPECTION - 25% CURT.	238
Scherer 4	NONE		
St. Lucie 1	04/02/2007 - 05/07/2007	REFUELING, ICI THIMBLE TUBE REPAIR/REPLACEMENT, AND MAIN GENERATOR ROTOR REPLACEMENT	839
St. Lucie 2	10/01/2007 - 12/25/2007	REFUELING AND REACTOR VESSEL HEAD REPLACEMENT	726
Turkey Point 3	09/01/2007 - 10/01/2007	REFUELING	693
Turkey Point 4	NONE		

*Dates are estimated from breaker open to breaker close

**Load Reduction MW are based on the unit's MW rating during the specified outage period