

**BEFORE THE FLORIDA
PUBLIC SERVICE COMMISSION**

**DOCKET NO. 050001-EI
FLORIDA POWER & LIGHT COMPANY**

SEPTEMBER 9, 2005

GENERATING PERFORMANCE INCENTIVE FACTOR

JANUARY 2006 THROUGH DECEMBER 2006

TESTIMONY & EXHIBITS OF:

P. SONNELITTER

DOCUMENT NUMBER-DATE

08553 SEP-9 4

FPSC-COMMISSION CLERK

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

FLORIDA POWER & LIGHT COMPANY

TESTIMONY OF P. SONNELITTER

DOCKET NO. 050001-EI

SEPTEMBER 9, 2005

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 2006, 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. 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 latest revisions of the GPIF
9 Manual as approved by the Commission.

10

11 **Q. Please summarize the 2006 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, 2006, FPL projects a
14 weighted system equivalent planned outage factor of 6.4% and a
15 weighted system equivalent unplanned outage factor of 6.7%, which
16 yield a weighted system equivalent availability target of 86.9%. 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 8,469 Btu/kWh for the period January
20 through December, 2006. 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.

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

3 A. Yes, I have. Document No.1, pages 6 and 7, contains the
4 information summarizing the targets and ranges for EAF and ANOHR
5 for the 13 generating units which FPL proposes to be considered as
6 GPIF units for the period of January through December, 2006.
7 These pages were prepared in accordance with the latest revisions of
8 the GPIF Manual. All of these targets have been derived utilizing the
9 methodologies adopted in the GPIF Manual.

10
11 **Q. Please summarize FPL's methodology for determining**
12 **equivalent availability targets.**

13 A. The GPIF Manual requires that the EAF target for each unit be
14 determined as the difference between 100% and the sum of the
15 equivalent planned outage factor (EPOF) and the equivalent
16 unplanned outage factor (EUOF). The EPOF for each unit is
17 determined by the length of the planned outage, if any, scheduled for
18 the projected period. The EUOF is determined by the sum of the
19 historical average equivalent forced outage factor (EFOF) and the
20 equivalent maintenance outage factor (EMOF). The EUOF is then
21 adjusted to reflect recent unit performance and known unit
22 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 2006 represent the top 80.6% of the total
2 forecasted system net generation for this period excluding three
3 units: Sanford unit 4, Martin unit 8, and Manatee unit 3. The
4 repowering of Sanford unit 4 and the conversion of Martin unit 8 to
5 combined cycle constitute a major design change affecting both their
6 generation capacity and the performance of these units. As a result,
7 the future performance of these units will not be comparable to their
8 historical performance. Manatee unit 3 is a new unit for 2005.
9 Consequently, FPL does not yet have enough historical performance
10 data from which to project future performance. Therefore, consistent
11 with the GPIF Manual, the above mentioned units will be excluded
12 from the GPIF calculations until we have enough operating history to
13 use in 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, 2006

PS-2

DOCKET NO. 050001-EI

FPL Witness: P. Sonnelitter

Exhibit No.: _____

Pages 1 - 24

September 9, 2005

DOCUMENT NUMBER 1 INDEX**FLORIDA POWER & LIGHT COMPANY****JANUARY THROUGH DECEMBER, 2006**

<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, 2006

<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	8,591	10,924,512	88.6%	11.0	11.0	817,350
Manatee 3	1,090	8,406	7,815,267	85.3%	7.9	18.8	565,901
Martin 8	1,090	8,216	7,750,052	86.5%	7.8	26.6	558,676
St. Lucie 1	845	8,546	7,219,898	100.0%	7.3	33.9	25,930
Sanford 5	944	8,276	6,784,256	86.8%	6.8	40.7	510,272
Sanford 4	944	7,925	6,562,625	87.7%	6.6	47.3	499,265
Turkey Point 4	703	7,955	5,585,548	99.9%	5.6	52.9	21,690
Turkey Point 3	703	7,948	5,578,506	99.8%	5.6	58.5	20,018
St. Lucie 2	719	7,140	5,140,112	100.1%	5.2	63.6	19,041
Scherer 4	622	7,675	4,755,255	99.5%	4.8	68.4	83,883
Martin 4	457	7,714	3,148,555	89.4%	3.2	71.6	245,043
Lauderdale 5	432	8,303	2,860,984	79.9%	2.9	74.5	242,016
Lauderdale 4	433	8,155	2,805,392	79.5%	2.8	77.3	238,410
Martin 1	811	5,195	2,663,251	63.2%	2.7	80.0	252,164
Martin 3	456	6,223	2,483,448	87.6%	2.5	82.5	196,894
Martin 2	796	5,371	2,472,779	57.9%	2.5	84.9	232,165
Manatee 1	804	4,678	2,060,800	54.8%	2.1	87.0	187,578
Turkey Point 2	395	5,807	1,691,144	73.7%	1.7	88.7	147,298
Manatee 2	791	3,138	1,367,717	55.1%	1.4	90.1	123,752
Turkey Point 1	386	4,918	1,318,640	69.4%	1.3	91.4	113,443
Riviera 3	282	5,581	1,105,271	70.3%	1.1	92.5	95,551
St. Johns River 1	128	8,552	1,059,015	96.6%	1.1	93.6	19,762
Port Everglades 3	377	3,899	1,010,756	68.8%	1.0	94.6	93,814
Port Everglades 4	369	3,188	953,961	81.1%	1.0	95.5	87,462
St. Johns River 2	128	7,506	937,874	97.4%	0.9	96.5	17,247
Riviera 4	280	4,493	858,608	68.3%	0.9	97.4	74,877
Cape Canaveral 1	396	2,347	710,477	76.5%	0.7	98.1	58,037
Cape Canaveral 2	396	2,009	586,197	73.8%	0.6	98.7	48,648
Port Everglades 1	206	2,934	367,971	60.8%	0.4	99.0	35,647
Port Everglades 2	205	2,406	290,650	58.8%	0.3	99.3	28,348
Putnam 2	244	1,461	255,435	71.8%	0.3	99.6	26,943
Putnam 1	244	1,156	193,051	68.6%	0.2	99.8	21,069
Ft. lauderdale GT 1-24	718	513	93,278	25.3%	0.1	99.9	20,359
Sanford 3	139	715	55,324	55.8%	0.1	99.9	5,347
Ft. Myers SC 3	325	139	43,474	96.3%	0.0	100.0	5,430
Cutler 6	140	423	23,053	39.1%	0.0	100.0	3,441
Cutler 5	69	219	9,704	64.4%	0.0	100.0	1,416
Port Everglades GT 1-12	359	28	4,276	41.9%	0.0	100.0	1,021
Ft. Myers GT 1-12	583	3	1,184	67.7%	0.0	100.0	290
Total	20,442		99,548,300		100.0	100.0	5,745,498

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

JANUARY THROUGH DECEMBER, 2006

Ft. Myers Unit 2
Lauderdale Unit 4
Lauderdale Unit 5
Martin Unit 1
Martin Unit 2
Martin Unit 3
Martin Unit 4
Sanford Unit 5
Scherer Unit 4
St. Lucie Unit 1
St. Lucie Unit 2
Turkey Point Unit 3
Turkey Point Unit 4

GENERATING PERFORMANCE INCENTIVE FACTOR

REWARD/PENALTY TABLE (ESTIMATED)

**FLORIDA POWER & LIGHT COMPANY
JANUARY THROUGH DECEMBER, 2006**

Generating Performance Incentive Points (GPIF)	Fuel Savings/(Loss) (\$000)	Generating Performance Incentive Factor (\$000)
+ 10	159,518	27,367
+ 9	143,566	24,631
+ 8	127,614	21,894
+ 7	111,663	19,157
+ 6	95,711	16,420
+ 5	79,759	13,684
+ 4	63,807	10,947
+ 3	47,855	8,210
+ 2	31,904	5,473
+ 1	15,952	2,737
0	0	0
- 1	(15,952)	(2,737)
- 2	(31,904)	(5,473)
- 3	(47,855)	(8,210)
- 4	(63,807)	(10,947)
- 5	(79,759)	(13,684)
- 6	(95,711)	(16,420)
- 7	(111,663)	(19,157)
- 8	(127,614)	(21,894)
- 9	(143,566)	(24,631)
- 10	(159,518)	(27,367)

GENERATING PERFORMANCE INCENTIVE FACTOR

CALCULATION OF MAXIMUM ALLOWED INCENTIVE DOLLARS

ESTIMATED

FLORIDA POWER & LIGHT COMPANY
PERIOD OF: JANUARY THROUGH DECEMBER, 2006

LINE 1	BEGINNING OF PERIOD BALANCE OF COMMON EQUITY		\$	6,631,183,152
	END OF MONTH BALANCE OF COMMON EQUITY			
LINE 2	MONTH OF JANUARY	2006	\$	6,612,642,296
LINE 3	MONTH OF FEBRUARY	2006	\$	6,599,843,590
LINE 4	MONTH OF MARCH	2006	\$	6,612,197,017
LINE 5	MONTH OF APRIL	2006	\$	6,617,657,244
LINE 6	MONTH OF MAY	2006	\$	6,637,033,673
LINE 7	MONTH OF JUNE	2006	\$	6,658,063,619
LINE 8	MONTH OF JULY	2006	\$	6,663,828,645
LINE 9	MONTH OF AUGUST	2006	\$	6,746,054,211
LINE 10	MONTH OF SEPTEMBER	2006	\$	6,823,287,444
LINE 11	MONTH OF OCTOBER	2006	\$	6,876,198,431
LINE 12	MONTH OF NOVEMBER	2006	\$	6,910,511,485
LINE 13	MONTH OF DECEMBER	2006	\$	6,938,476,176
LINE 14	AVERAGE COMMON EQUITY FOR THE PERIOD (SUMMATION OF LINE 1 THROUGH LINE 13 DIVIDED BY 13)		\$	6,717,459,000
LINE 15	25 BASIS POINTS			0.0025
LINE 16	REVENUE EXPANSION FACTOR			60.4594%
LINE 17	MAXIMUM ALLOWED INCENTIVE DOLLARS (LINE 14 TIMES LINE 15 DIVIDED BY LINE 16)		\$	27,776,735
LINE 18	JURISDICTIONAL SALES			106,064,216,613 KWH
LINE 19	TOTAL SALES			107,650,315,534 KWH
LINE 20	JURISDICTIONAL SEPARATION FACTOR (LINE 18 DIVIDED BY LINE 19)			98.53%
LINE 21	MAXIMUM ALLOWED JURISDICTIONAL INCENTIVE DOLLARS		\$	27,367,478

GPIF TARGET AND RANGE SUMMARY

 FLORIDA POWER & LIGHT COMPANY
 PERIOD OF: JANUARY THROUGH DECEMBER, 2006

<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	2.24	93.1	95.6	90.6	3,567.5	-3,567.5
Lauderdale 4	0.36	93.3	95.3	91.3	578.5	-578.5
Lauderdale 5	0.37	92.9	94.9	90.9	583.6	-583.6
Martin 1	0.36	90.8	93.8	87.8	569.6	-569.6
Martin 2	0.27	84.5	87.0	82.0	426.7	-426.7
Martin 3	0.36	73.0	75.5	70.5	570.0	-570.0
Martin 4	0.55	90.8	93.3	88.3	875.8	-875.8
Sanford 5	1.99	91.3	94.3	88.3	3,181.8	-3,181.8
Scherer 4	3.48	85.9	87.9	83.9	5,553.2	-5,553.2
St. Lucie 1	9.82	93.6	96.6	90.6	15,671.3	-15,671.3
St. Lucie 2	7.02	75.8	78.8	72.8	11,198.7	-11,198.7
Turkey Point 3	7.62	86.0	89.0	83.0	12,149.7	-12,149.7
Turkey Point 4	7.47	86.8	89.8	83.8	11,913.3	-11,913.3
	<u>41.90</u>				<u>66,839.8</u>	<u>-66,839.8</u>

GPIF TARGET AND RANGE SUMMARY

 FLORIDA POWER & LIGHT COMPANY
 PERIOD OF: JANUARY THROUGH DECEMBER, 2006

<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	12.36	6,801	88.6	6,637	6,965	19,718.8	-19,718.8
Lauderdale 4	5.87	7,690	79.5	7,388	7,992	9,362.8	-9,362.8
Lauderdale 5	4.62	7,644	79.9	7,411	7,877	7,376.5	-7,376.5
Martin 1	3.06	10,011	63.2	9,818	10,205	4,877.8	-4,877.8
Martin 2	5.02	9,942	57.9	9,598	10,285	8,011.5	-8,011.5
Martin 3	1.32	7,008	87.6	6,933	7,083	2,098.5	-2,098.5
Martin 4	4.19	6,950	89.4	6,760	7,140	6,683.1	-6,683.1
Sanford 5	7.07	6,879	86.8	6,727	7,031	11,275.0	-11,275.0
Scherer 4	1.03	9,998	99.5	9,802	10,194	1,642.3	-1,642.3
St. Lucie 1	1.55	10,870	100.0	10,818	10,922	2,472.3	-2,472.3
St. Lucie 2	1.11	10,931	100.1	10,879	10,982	1,769.3	-1,769.3
Turkey Point 3	5.15	11,078	99.8	10,848	11,307	8,214.0	-8,214.0
Turkey Point 4	5.75	11,072	99.9	10,811	11,334	9,176.3	-9,176.3
	<u>58.10</u>					<u>92,678.3</u>	<u>-92,678.3</u>

**PROJECTED UNIT HEAT RATE EQUATIONS
FLORIDA POWER & LIGHT COMPANY
PERIOD OF: JANUARY THROUGH DECEMBER, 2006**

<u>Plant/Unit</u>	<u>ANOHR</u>	<u>NOF</u>	<u>MW</u>	<u>ANOHR Equation</u>		<u>Bounds</u>	<u>First</u>	<u>Last</u>	<u>Exclusions</u>
				<u>a coef.</u>	<u>b coef.</u>				
Ft. Myers 2	6,801	88.6	1435	7724	-10.42	164	07-02	06-05	Nov-Dec 04
Lauderdale 4	7,690	79.5	433	8644	-11.99	302	07-02	06-05	Mar-Apr 04
Lauderdale 5	7,644	79.9	432	8662	-12.74	233	07-02	06-05	Nov 04, Jan 05
Martin 1	10,011	63.2	811	10243	-3.66	194	07-02	06-05	Oct 02, Feb 03, Jun 04, Feb-Apr 05
Martin 2	9,942	57.9	796	10023	-1.40	343	07-02	06-05	Jan 03, Feb 04
Martin 3	7,008	87.6	456	7232	-2.56	75	07-02	06-05	Aug-Sep 03
Martin 4	6,950	89.4	457	7246	-3.31	190	07-02	06-05	Nov-Dec 03, Jan 04, Mar 05
Sanford 5	6,879	86.8	944	7174	-3.40	152	07-02	06-05	July 03, Sep-Oct 03
Scherer 4	9,998	99.5	622	11248	-12.56	196	07-02	06-05	Nov 04, Jan-Feb 05
St. Lucie 1	10,870	100.0	845	16293	-54.23	52	07-02	06-05	Sep-Oct 02, Apr 04, Sep 04
St. Lucie 2	10,931	100.1	719	18584	-76.43	52	07-02	06-05	Apr-Jun 03, Dec 03, Sep 04, Jan-Feb 05
Turkey Point 3	11,078	99.8	703	14816	-37.44	230	07-02	06-05	July 02, Feb-Mar 03, Oct-Dec 04
Turkey Point 4	11,072	99.9	703	13856	-27.88	262	07-02	06-05	July 02, Oct 03, Apr-May 05

DERIVATION OF WEIGHT FACTORS

FLORIDA POWER & LIGHT COMPANY
PERIOD OF: JANUARY THROUGH DECEMBER, 2006

PRODUCTION COSTING SIMULATION
FUEL COST (\$000)

Unit	Performance Indicator	At Target (1)	At Maximum Improvement (2)	Savings (3)	Factor (% Of Savings)
Ft. Myers 2	EAF	5,745,498	5,741,931	3,567.5	2.24
Ft. Myers 2	ANOHR	5,745,498	5,725,779	19,718.8	12.36
Lauderdale 4	EAF	5,745,498	5,744,919	578.5	0.36
Lauderdale 4	ANOHR	5,745,498	5,736,135	9,362.8	5.87
Lauderdale 5	EAF	5,745,498	5,744,914	583.6	0.37
Lauderdale 5	ANOHR	5,745,498	5,738,121	7,376.5	4.62
Martin 1	EAF	5,745,498	5,744,928	569.6	0.36
Martin 1	ANOHR	5,745,498	5,740,620	4,877.8	3.06
Martin 2	EAF	5,745,498	5,745,071	426.7	0.27
Martin 2	ANOHR	5,745,498	5,737,487	8,011.5	5.02
Martin 3	EAF	5,745,498	5,744,928	570.0	0.36
Martin 3	ANOHR	5,745,498	5,743,400	2,098.5	1.32
Martin 4	EAF	5,745,498	5,744,622	875.8	0.55
Martin 4	ANOHR	5,745,498	5,738,815	6,683.1	4.19
Sanford 5	EAF	5,745,498	5,742,316	3,181.8	1.99
Sanford 5	ANOHR	5,745,498	5,734,223	11,275.0	7.07
Scherer 4	EAF	5,745,498	5,739,945	5,553.2	3.48
Scherer 4	ANOHR	5,745,498	5,743,856	1,642.3	1.03
St. Lucie 1	EAF	5,745,498	5,729,827	15,671.3	9.82
St. Lucie 1	ANOHR	5,745,498	5,743,026	2,472.3	1.55
St. Lucie 2	EAF	5,745,498	5,734,299	11,198.7	7.02
St. Lucie 2	ANOHR	5,745,498	5,743,729	1,769.3	1.11
Turkey Point 3	EAF	5,745,498	5,733,348	12,149.7	7.62
Turkey Point 3	ANOHR	5,745,498	5,737,284	8,214.0	5.15
Turkey Point 4	EAF	5,745,498	5,733,585	11,913.3	7.47
Turkey Point 4	ANOHR	5,745,498	5,736,322	9,176.3	5.75
TOTAL				159,518.1	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, 2006**

<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	93.1	0.0	6.9	8760	8156	0	604	0	175	429	10,924,512
Lauderdale 4	93.3	2.7	4.0	8760	8155	18	587	237	175	175	2,805,392
Lauderdale 5	92.9	2.7	4.4	8760	8138	0	622	237	175	210	2,860,984
Martin 1	90.8	0.0	9.2	8760	5195	2760	806	0	517	289	2,663,251
Martin 2	84.5	9.6	5.9	8760	5371	2031	1358	841	175	342	2,472,779
Martin 3	73.0	20.1	6.9	8760	6223	172	2365	1761	219	385	2,483,448
Martin 4	90.8	2.6	6.6	8760	7714	240	806	228	175	403	3,148,555
Sanford 5	91.3	0.4	8.3	8760	7998	0	762	35	175	552	6,784,256
Scherer 4	85.9	10.1	4.0	8760	7525	0	1235	885	175	175	4,755,255
St. Lucie 1	93.6	0.0	6.4	8760	8199	0	561	0	280	280	7,219,898
St. Lucie 2	75.8	16.4	7.8	8760	6640	0	2120	1437	403	280	5,140,112
Turkey Point 3	86.0	6.8	7.2	8760	7534	0	1226	596	350	280	5,578,506
Turkey Point 4	86.8	6.8	6.4	8760	7604	0	1156	596	280	280	5,585,548

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

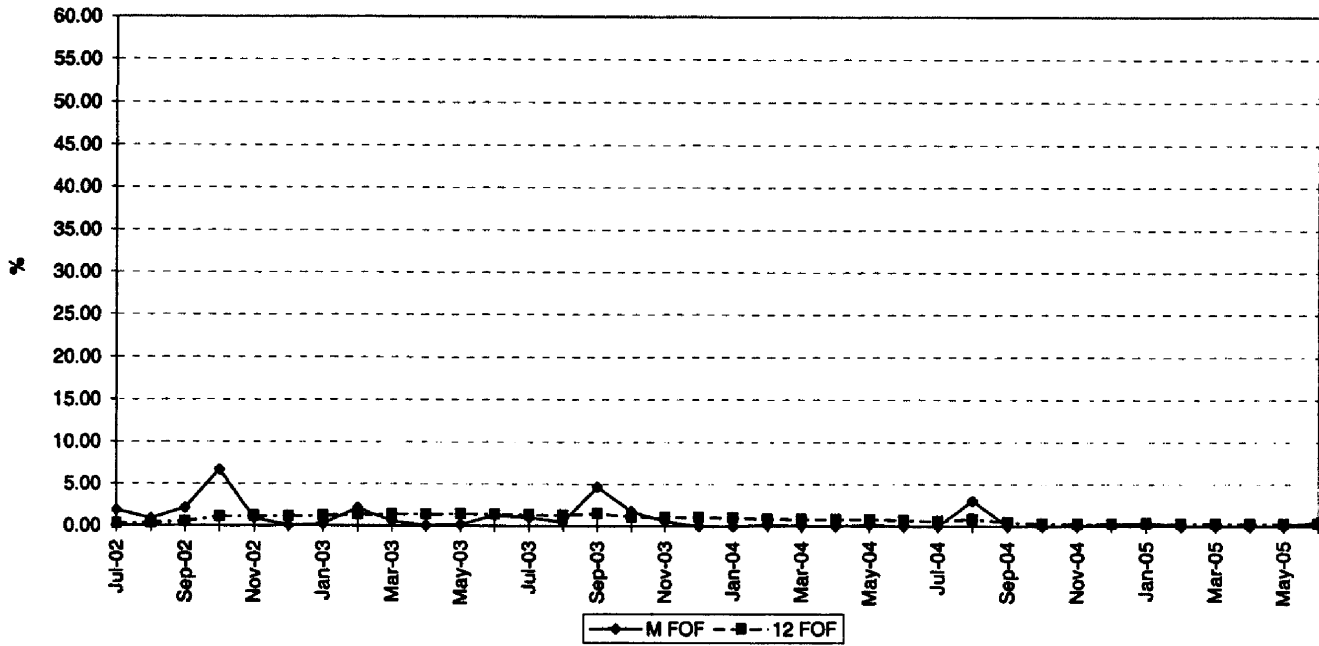
UH = unavailable hours. $UH = PH - SH - RSH$

EPOH = equivalent planned outage hours

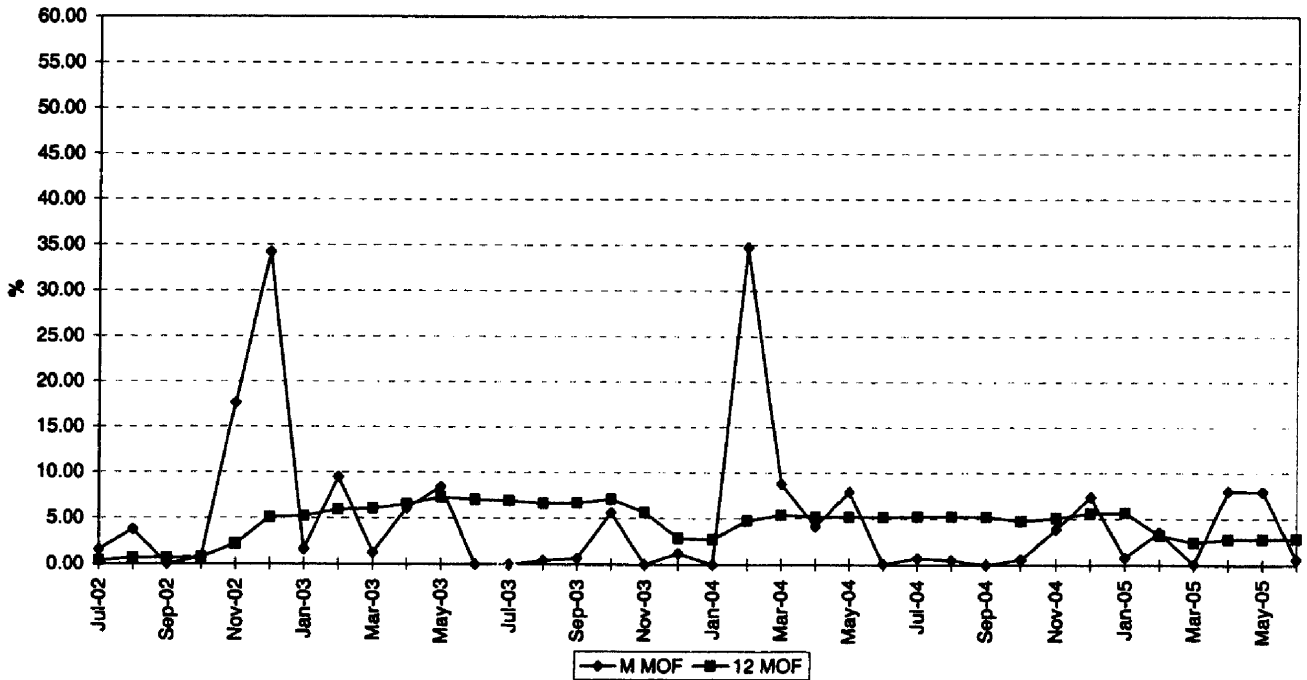
EFOH = equivalent forced outage hours

EMOH = equivalent maintenance outage hours

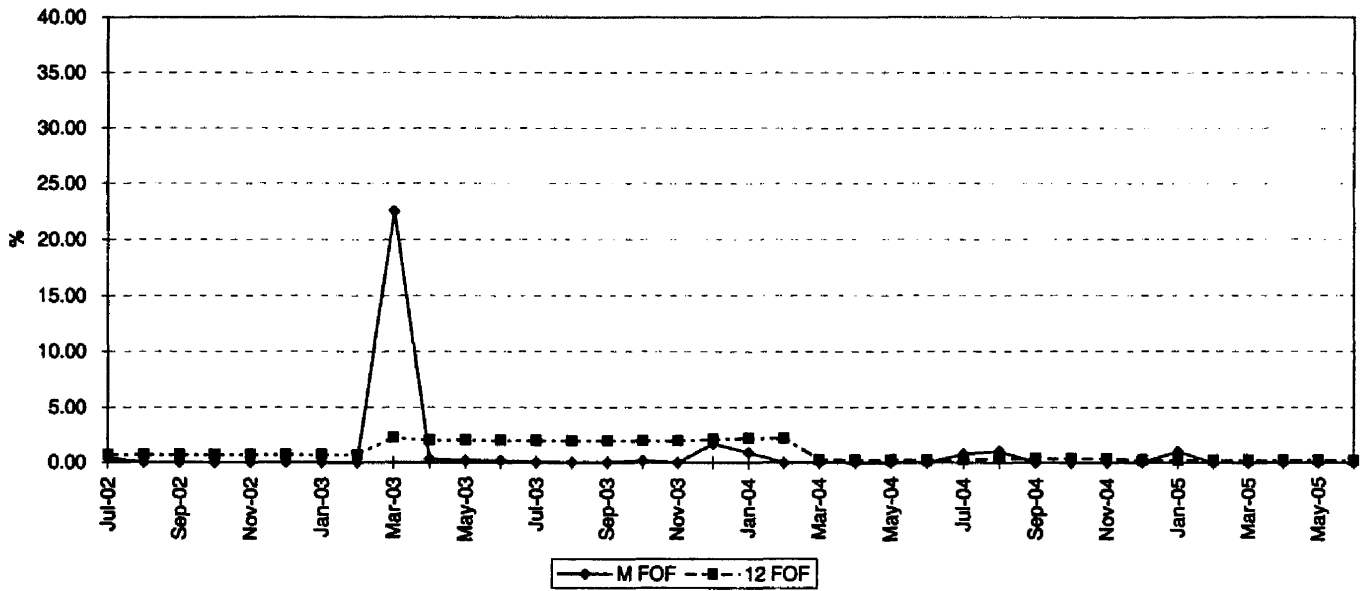
PFM 2 FORCED OUTAGE FACTOR



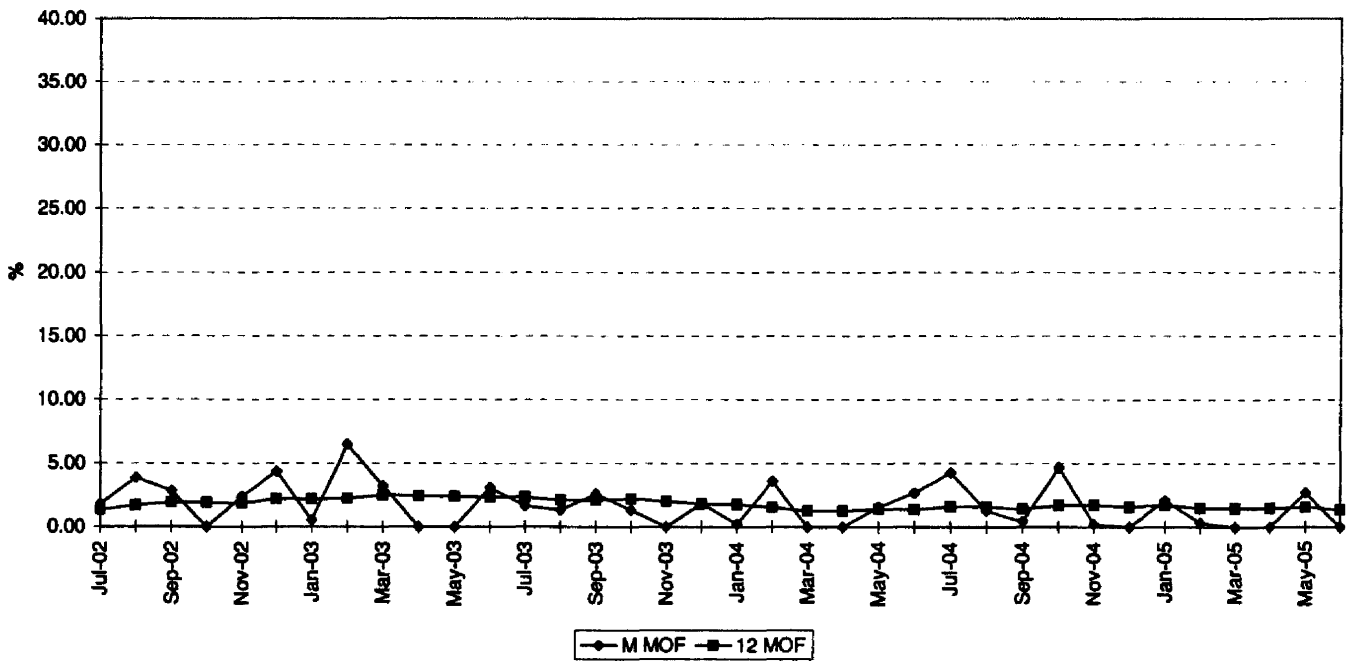
MAINTENANCE OUTAGE FACTOR



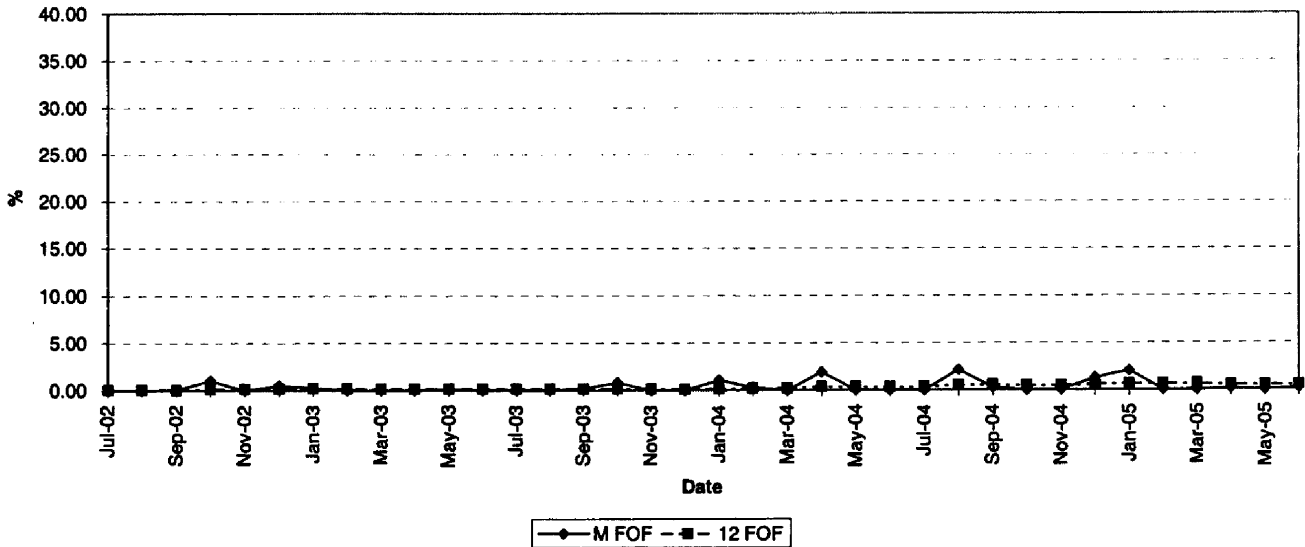
PFL 4 FORCED OUTAGE FACTOR



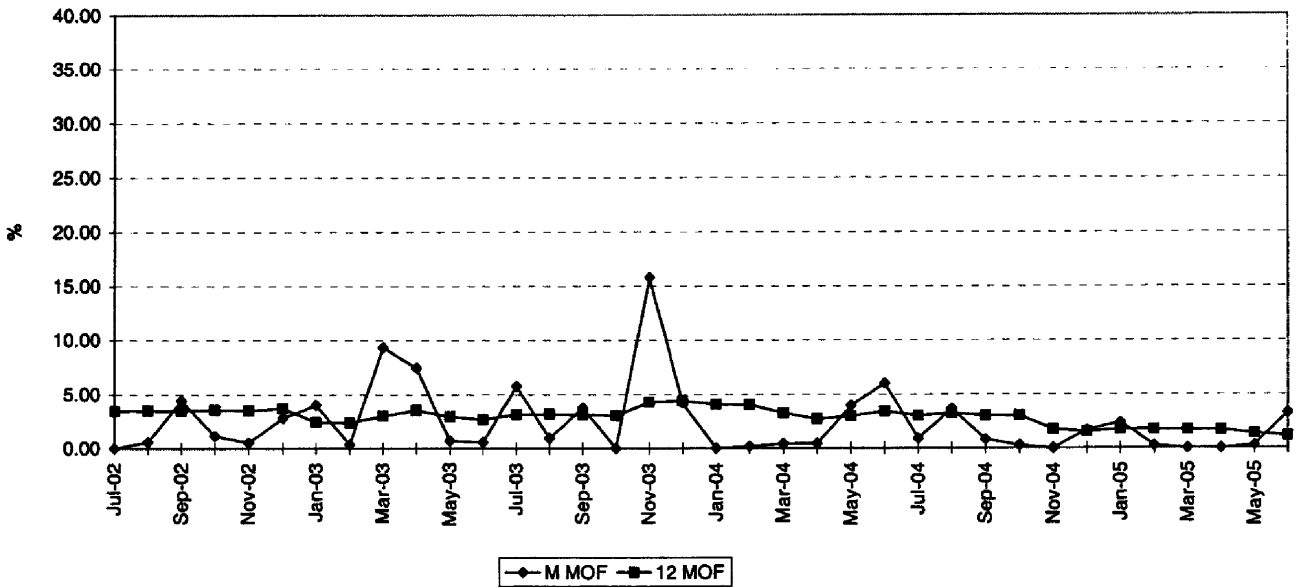
MAINTENANCE OUTAGE FACTOR



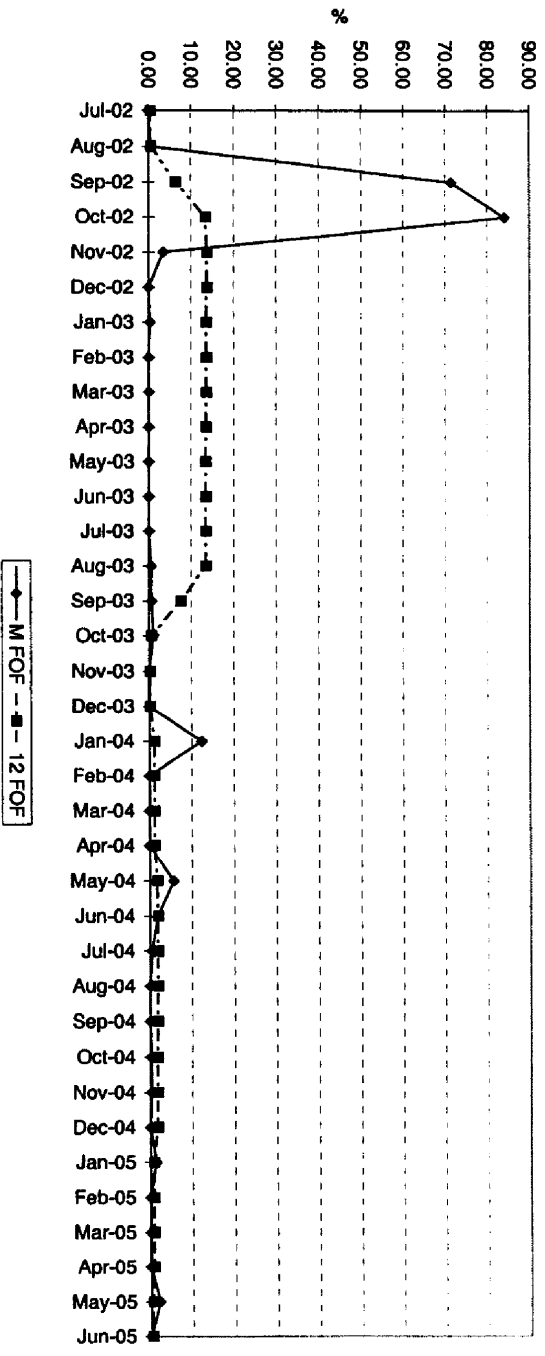
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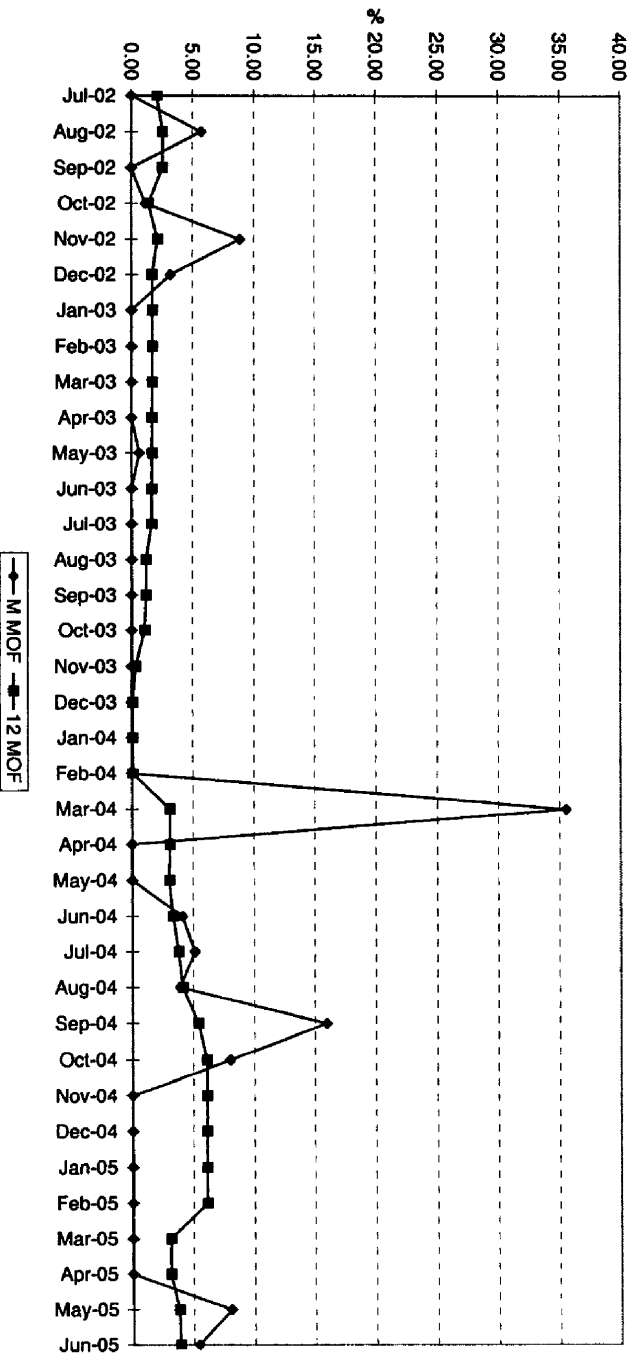
MAINTENANCE OUTAGE FACTOR



PMR 1 FORCED OUTAGE FACTOR

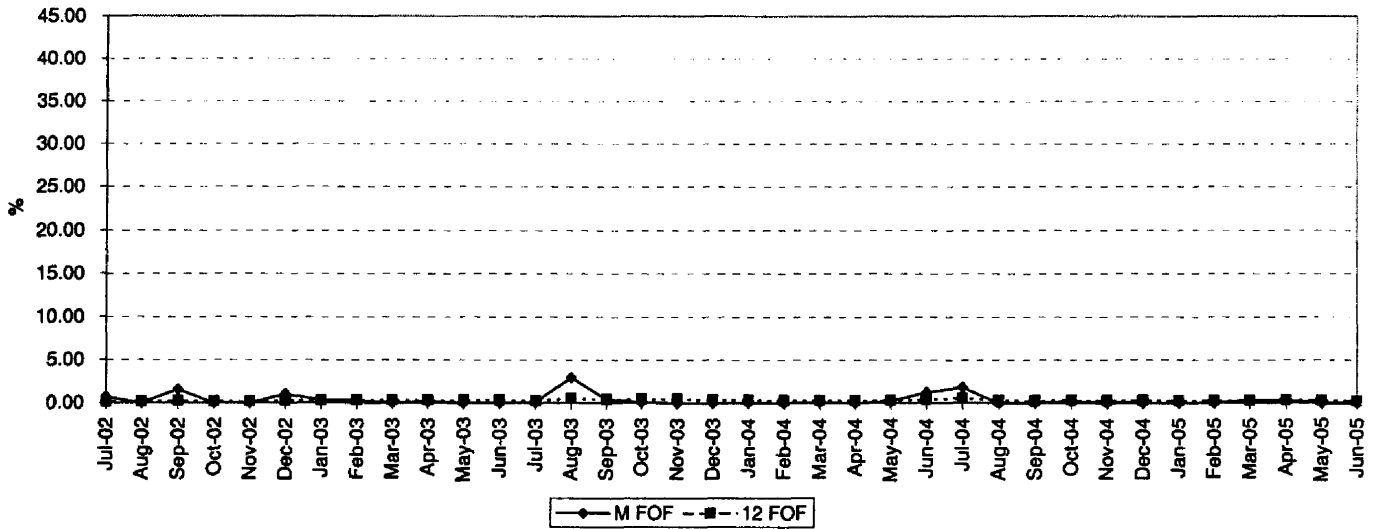


MAINTENANCE OUTAGE FACTOR

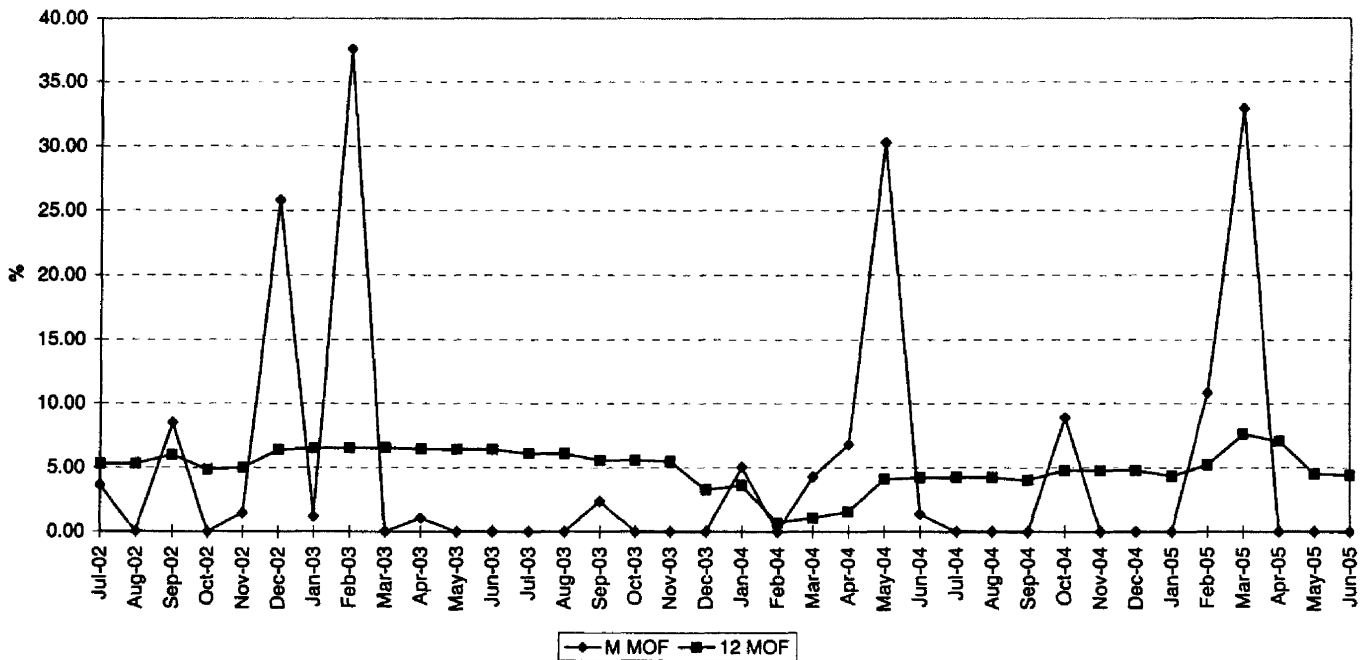


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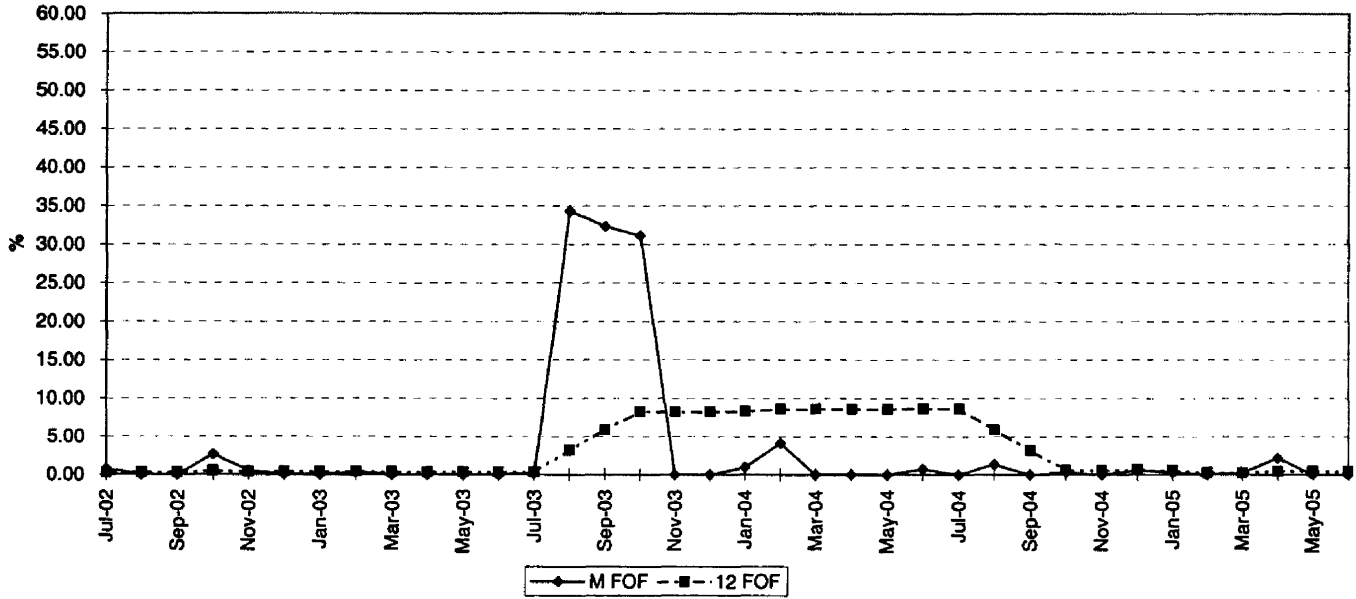
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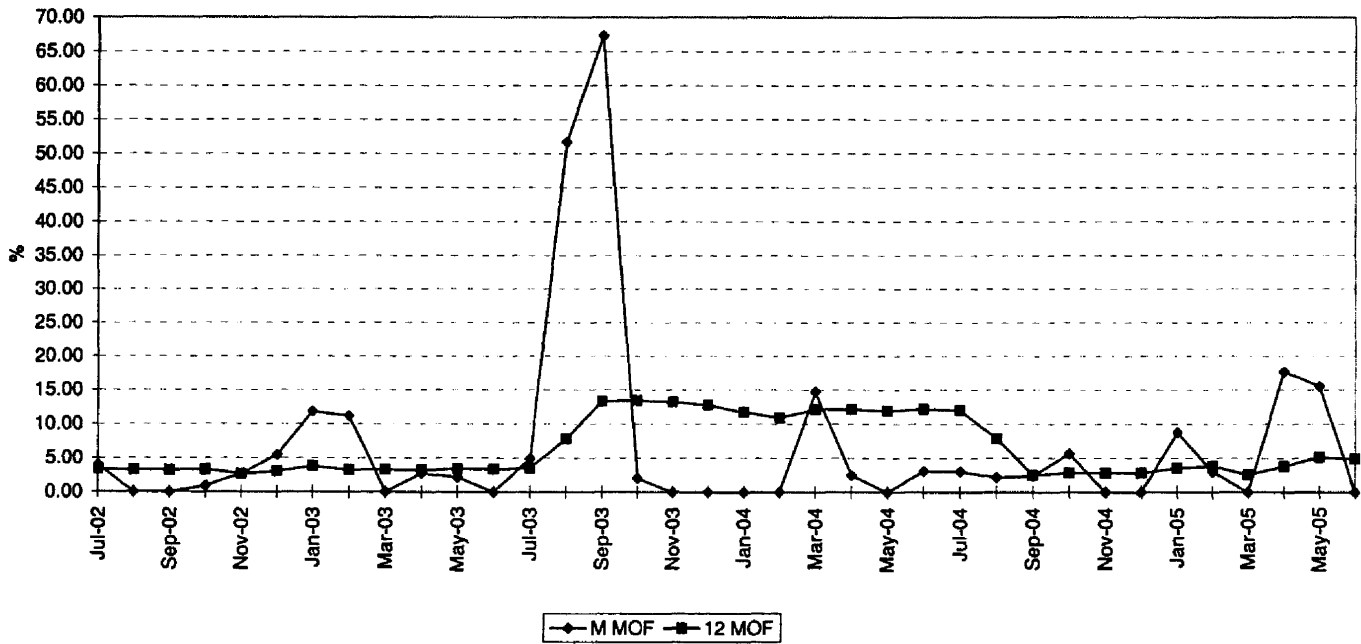
MAINTENANCE OUTAGE FACTOR



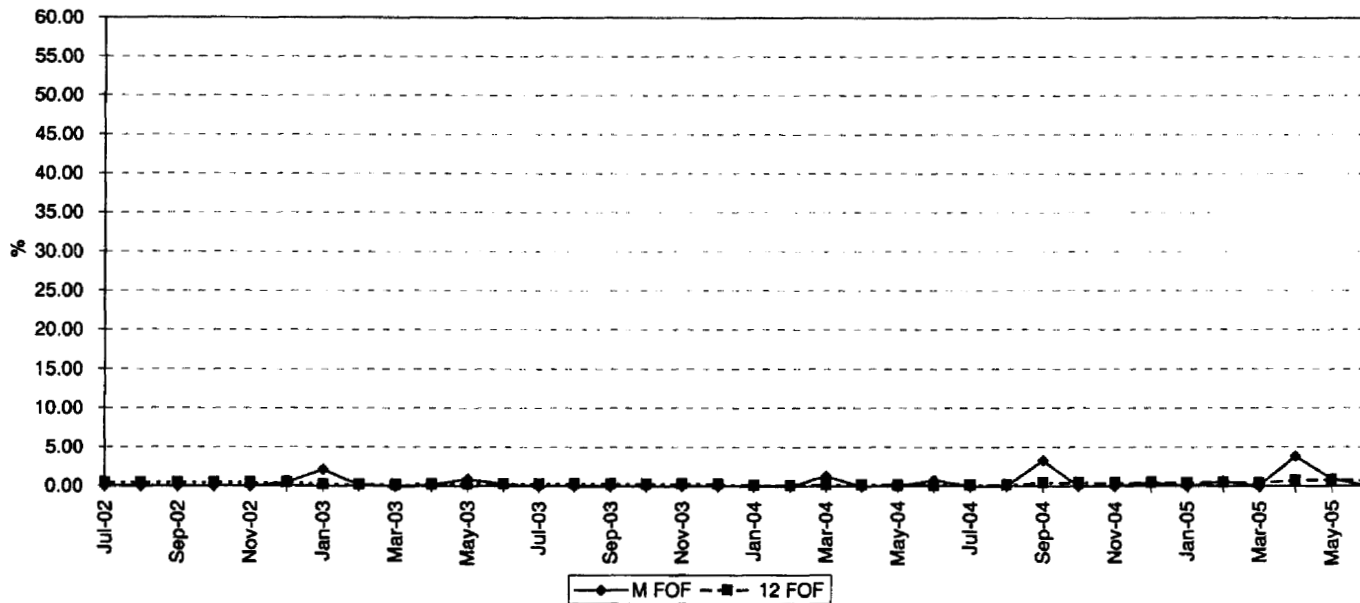
PMG 3 FORCED OUTAGE FACTOR



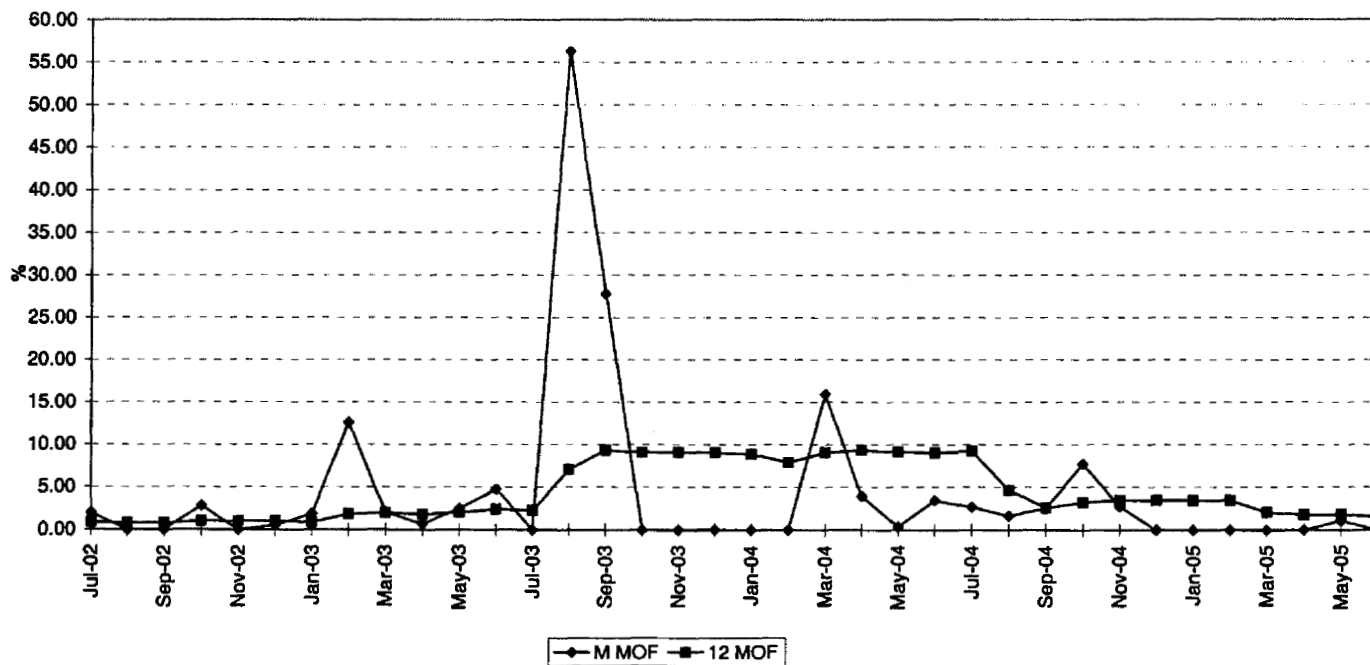
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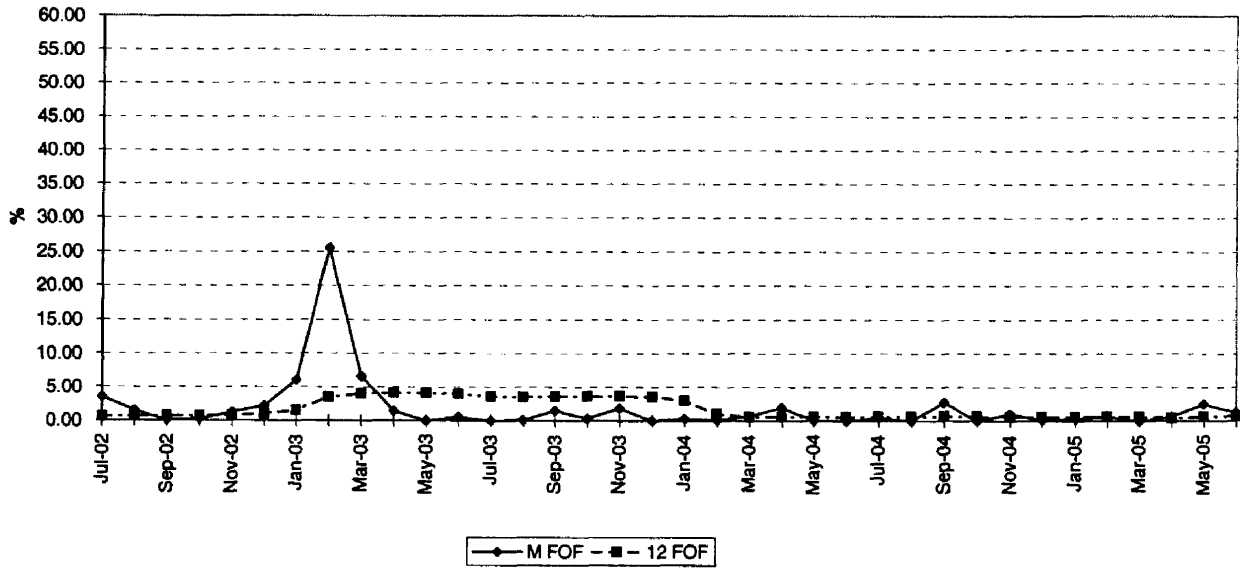
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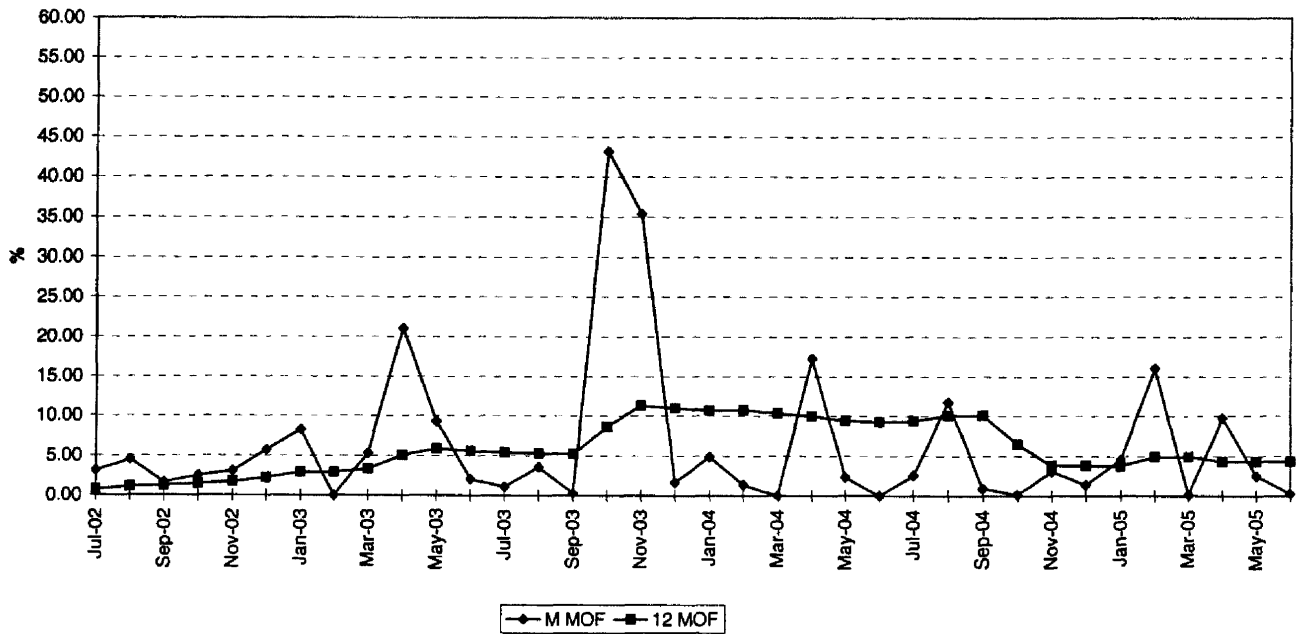
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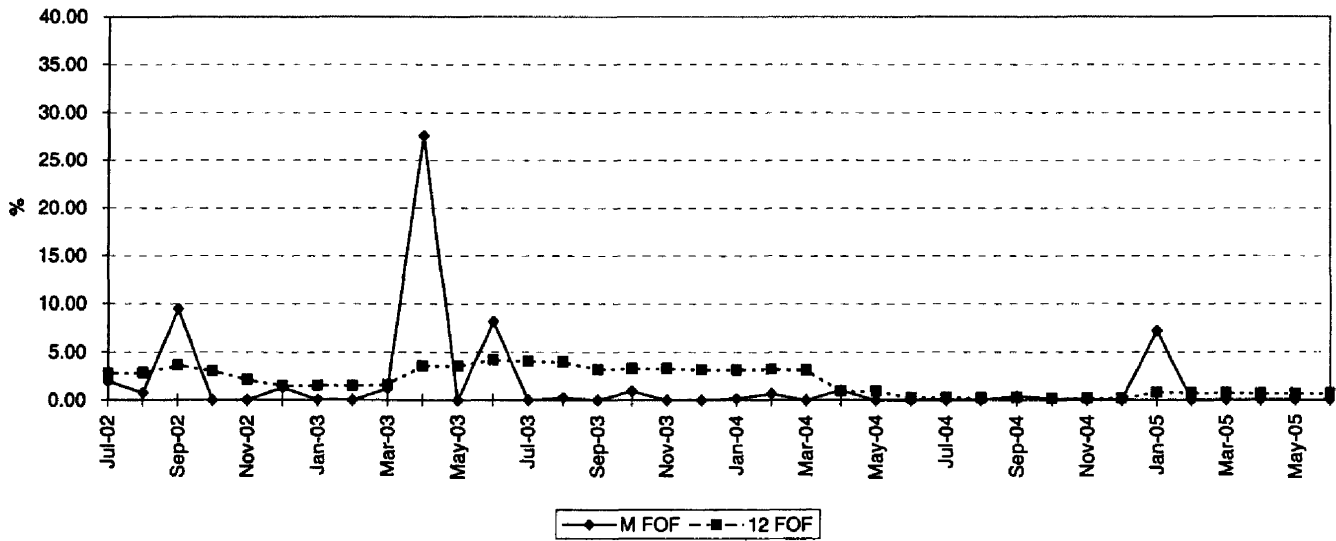
PSN 5 FORCED OUTAGE FACTOR



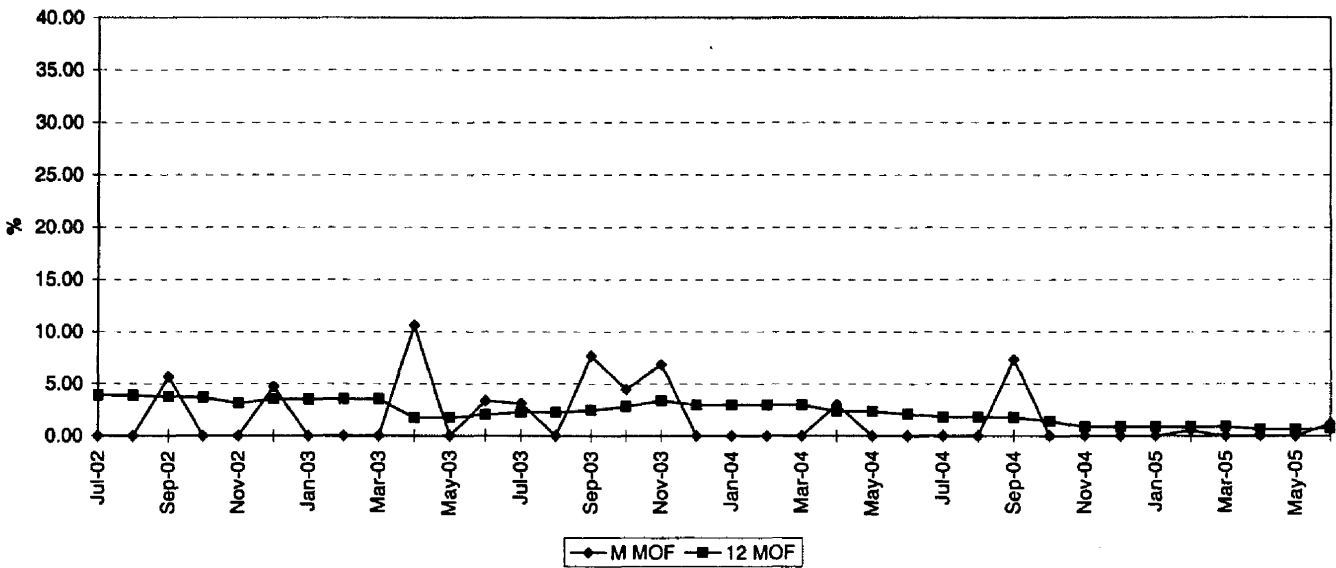
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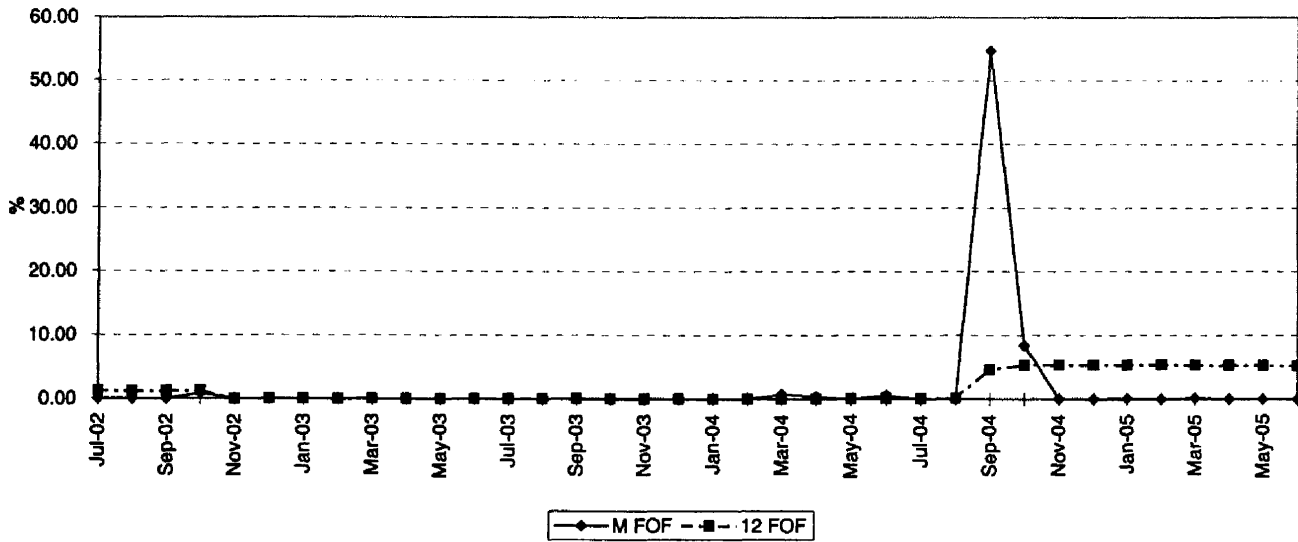
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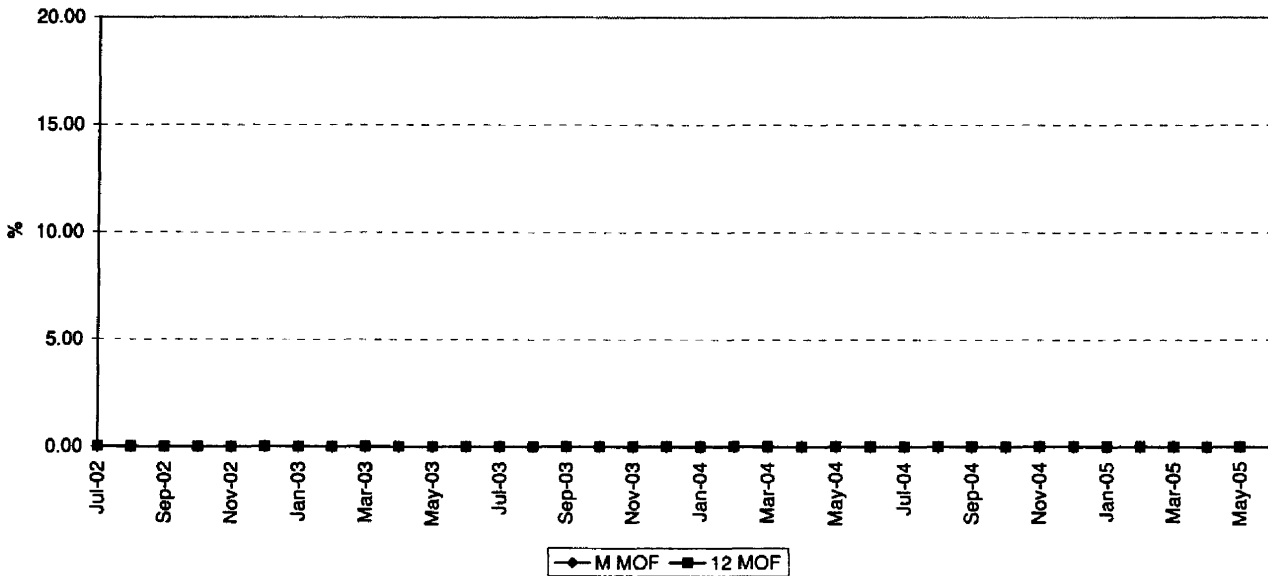
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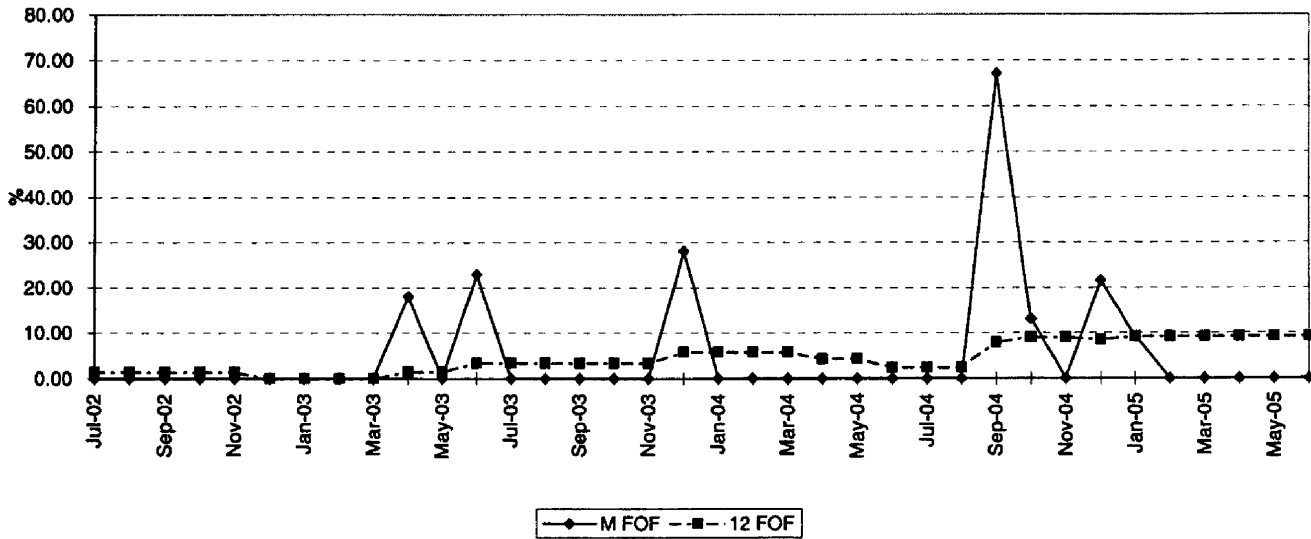
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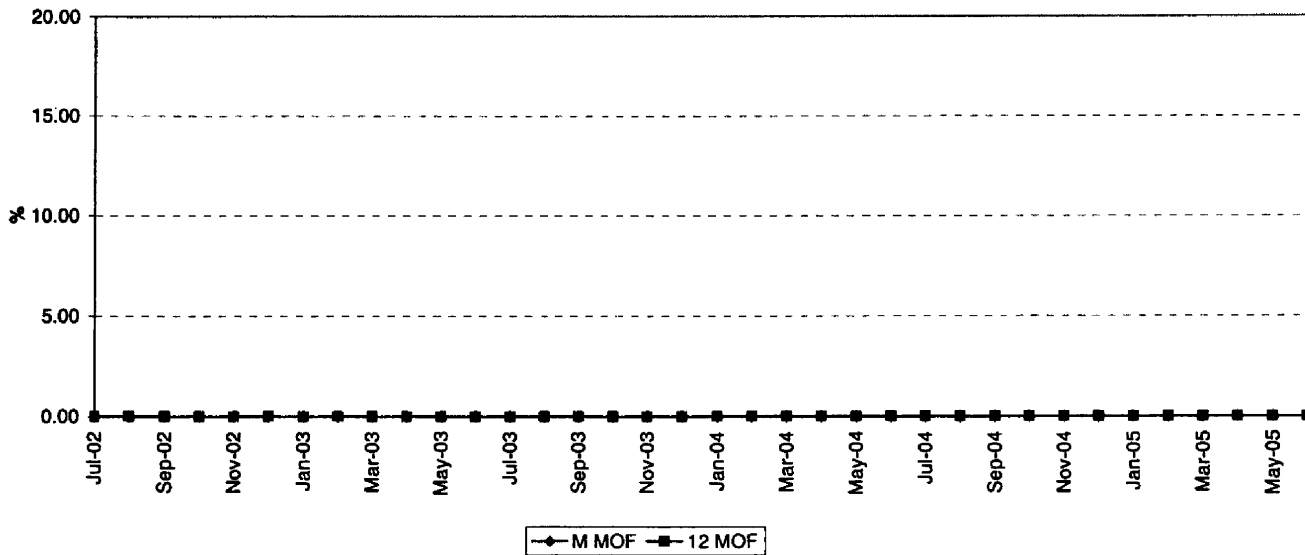
MAINTENANCE OUTAGE FACTOR



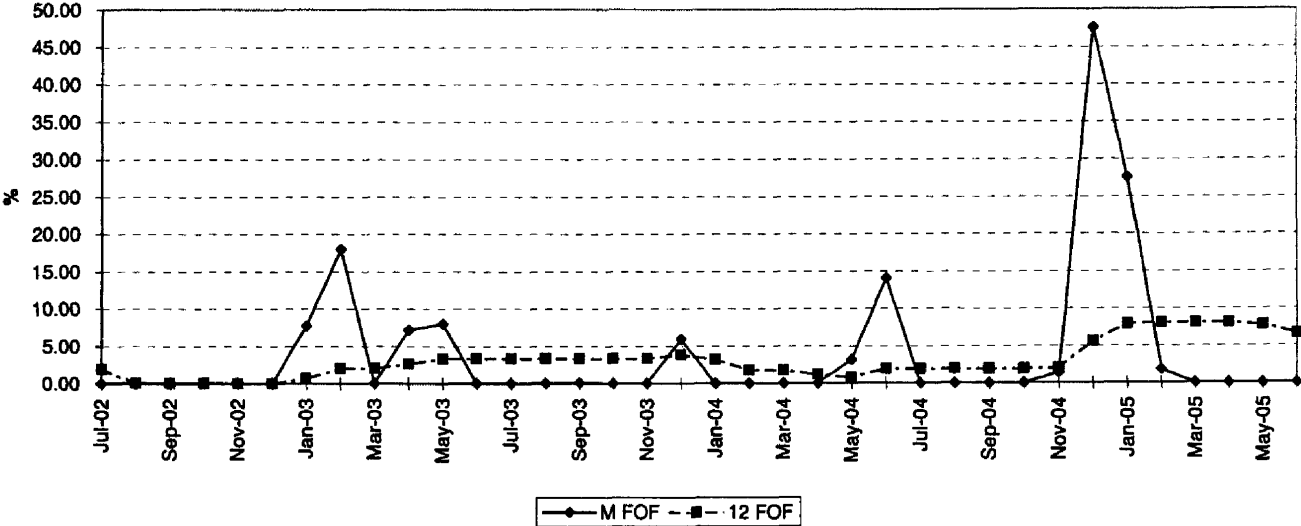
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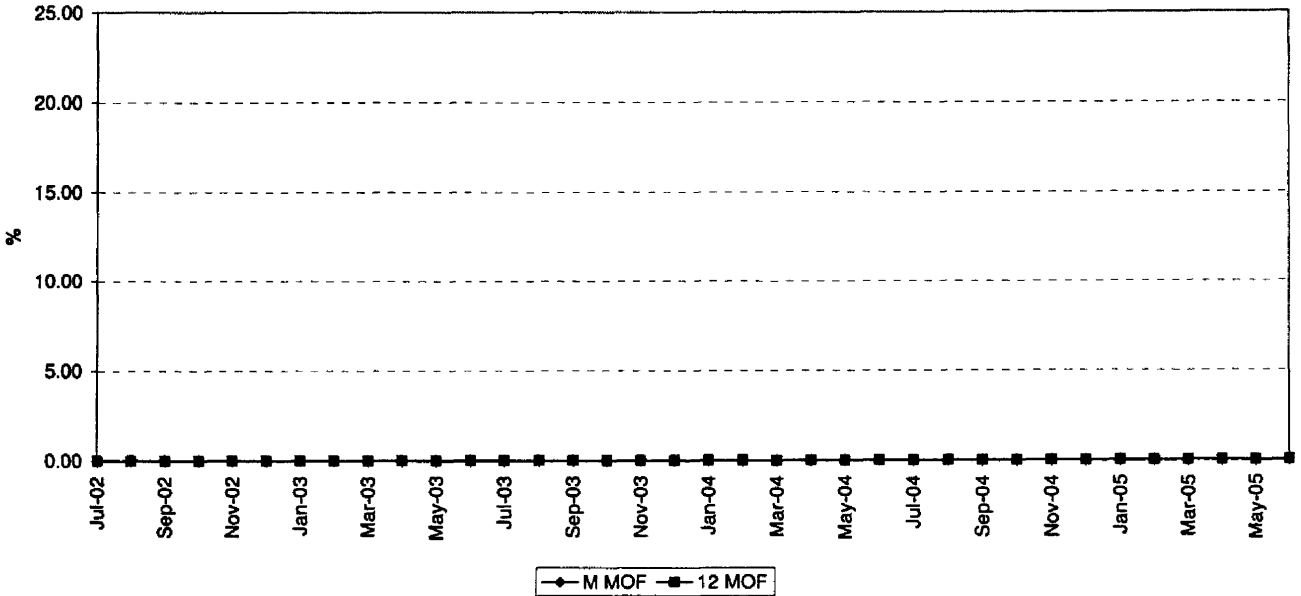
MAINTENANCE OUTAGE FACTOR



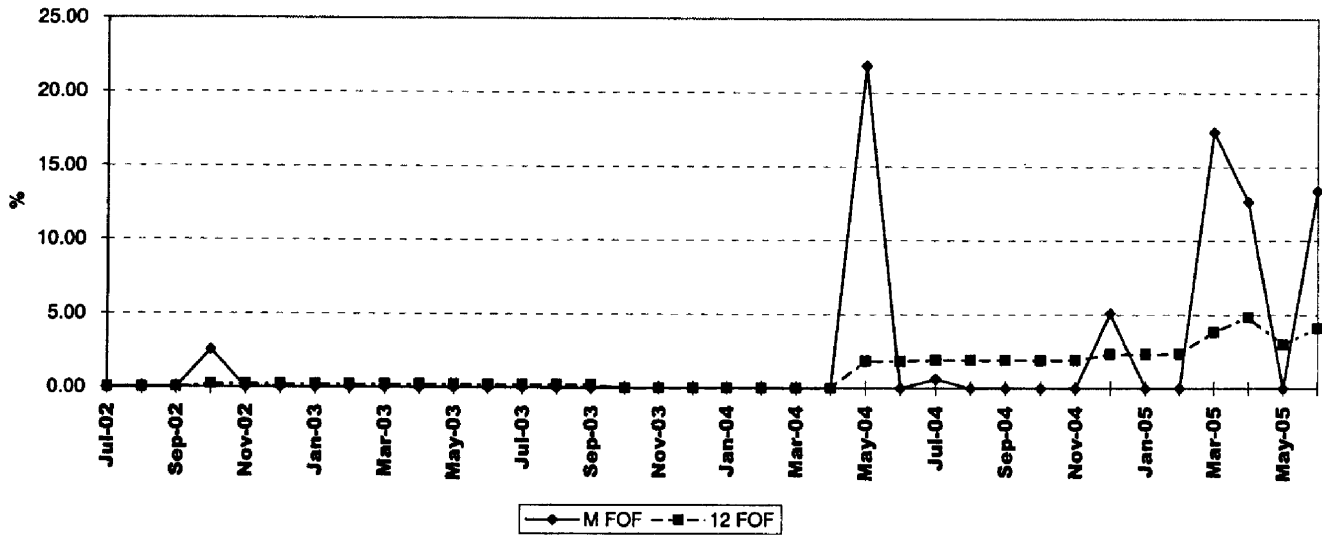
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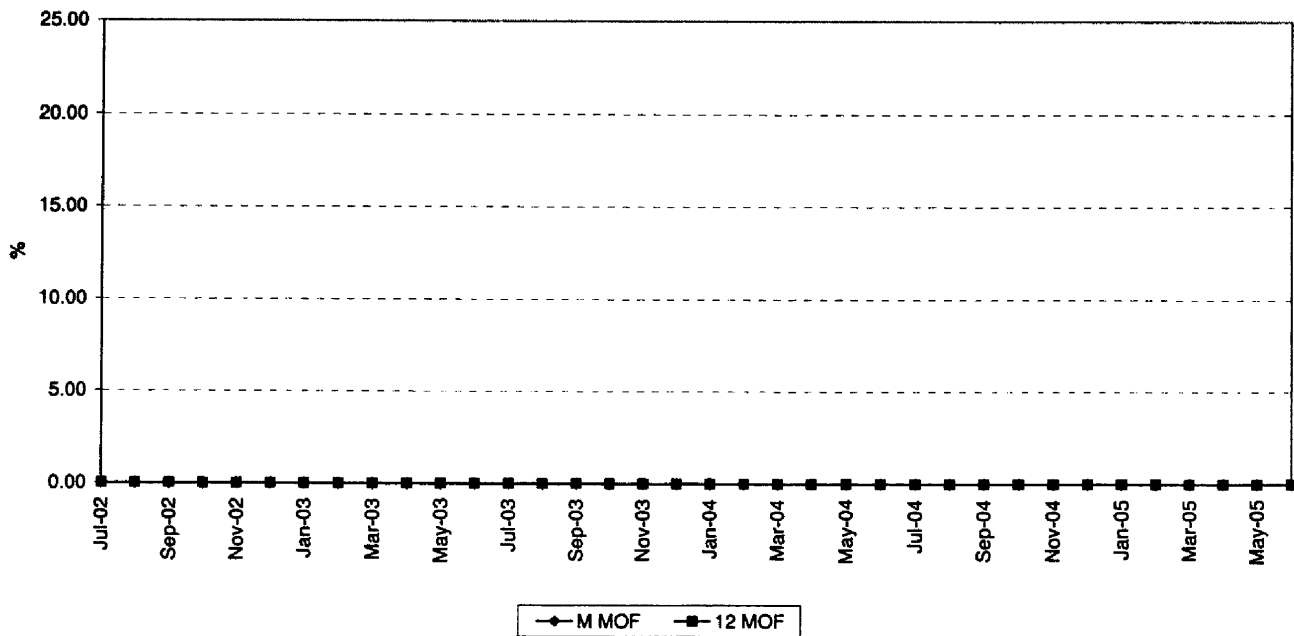
MAINTENANCE OUTAGE FACTOR



PTN 4 FORCED OUTAGE FACTOR



MAINTENANCE OUTAGE FACTOR



PLANNED OUTAGE SCHEDULE (ESTIMATED)

FLORIDA POWER & LIGHT COMPANY

PERIOD OF: JANUARY THROUGH DECEMBER, 2006

PLANT/UNIT	PLAN OUTAGE*	REASON FOR OUTAGE	LR MW**
Ft. Myers 2	NONE		
Lauderdale 4	02/11/2006 - 02/20/2006	A CT HP, B CT COMBUSTOR INSP - 100% CURT	443
Lauderdale 5	09/23/2006 - 10/02/2006	A and B CT COMBUSTOR INSP - 100% CURT	442
Martin 1	NONE		
Martin 2	01/29/2006 - 03/04/2006	MINOR BOILER, ST VALVES, BFP	804
Martin 3	04/08/2006 - 04/14/2006	A CT COMBUSTOR INSP - 50% CURT	225
Martin 3	10/07/2006 - 12/15/2006	ST HP/IP, B CT HGP - 100% CURT	449
Martin 4	09/09/2006 - 09/20/2006	A CT HOT GAS PATH INSP - 50% CURT	225
Martin 4	09/23/2006 - 09/29/2006	B CT COMBUSTOR INSPECTION - 50% CURT	225
Sanford 5	11/11/2006 - 11/16/2006	B CT COMBUSTOR INSPECTION - 25% CURT	238
Scherer 4	04/22/2006 - 05/28/2006	LP TURBINE / GENERATOR	621
St. Lucie 1	NONE		
St. Lucie 2	04/24/2006 - 06/23/2006	REFUELING, REACTOR HEAD INSPECTION AND STEAM GENERATOR TUBE SLEEVING	726
Turkey Point 3	03/05/2006 - 03/30/2006	REFUELING	717
Turkey Point 4	10/29/2006 - 11/23/2006	REFUELING	717

*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