

**BEFORE THE FLORIDA
PUBLIC SERVICE COMMISSION**

**DOCKET NO. 090001-EI
FLORIDA POWER & LIGHT COMPANY**

September 1, 2009

GENERATING PERFORMANCE INCENTIVE FACTOR

JANUARY 2010 THROUGH DECEMBER 2010

TESTIMONY & EXHIBITS OF:

R. R. Kennedy

COM _____
ECR _____
GCL _____
OPC _____
RCP _____
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SGA _____
ADM _____
CLK _____

DOCUMENT NUMBER-DATE

09104 SEP-18

FPSC-COMMISSION CLERK

1 **BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION**

2 **FLORIDA POWER & LIGHT COMPANY**

3 **TESTIMONY OF ROXANE R. KENNEDY**

4 **DOCKET NO. 090001-EI**

5 **SEPTEMBER 1, 2009**

6
7 **Q. Please state your name and business address.**

8 A. My name is Roxane Kennedy and my business address is 700
9 Universe Boulevard, Juno Beach, Florida 33408.

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

12 A. I am Vice President of Production Assurance and Business Services
13 in the Power Generation Division of FPL.

14 **Q. Have you previously testified in this docket?**

15 A. Yes, I have.

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

17 A. The purpose of my testimony is to present the target unit equivalent
18 availability factors (EAF) and the target unit average net operating
19 heat rates (ANOHR) for the period of January through December,
20 2010, for use in determining the Generating Performance Incentive
21 Factor (GPIF).

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

DOCUMENT NUMBER-DATE
09104 SEP-18

FPSC-COMMISSION CLERK

1 A. Yes, I have. It is identified as Exhibit RRK-2. The first page of this
2 exhibit is an index to the contents of the exhibit. All other pages are
3 numbered according to the GPIF Manual as approved by the
4 Commission.

5 **Q. Please summarize the 2010 system targets for EAF and ANOHR**
6 **for the units to be considered in establishing the GPIF for FPL.**

7 A. For the period of January through December, 2010, FPL projects a
8 weighted system equivalent planned outage factor of 8.3% and a
9 weighted system equivalent unplanned outage factor of 6.9%, which
10 yield a weighted system equivalent availability target of 84.8%. The
11 targets for this period reflect planned refueling outages for three
12 nuclear units. FPL also projects a weighted system average net
13 operating heat rate target of 8,274 Btu/kWh for the period January
14 through December, 2010. As discussed later in my testimony, these
15 targets represent fair and reasonable values when compared to
16 historical data. Therefore, FPL requests that the targets for these
17 performance indicators be approved by the Commission.

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

20 A. Yes, I have. Exhibit RRK-2, pages 6 and 7, contain the information
21 summarizing the targets and ranges for EAF and ANOHR for the 10
22 generating units which FPL proposes to be considered as GPIF units
23 for the period of January through December, 2010. All of these

1 targets have been derived utilizing the methodologies adopted in the
2 GPIF Manual.

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

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

15 **Q. Please summarize FPL's methodology for determining ANOHR**
16 **targets.**

17 A. To develop the ANOHR targets, historic ANOHR vs. unit net output
18 factor curves are developed for each GPIF unit. The historic data is
19 analyzed for any unusual operating conditions and changes in
20 equipment that will materially affect the predicted heat rate. A
21 regression equation that best fits the data is calculated and a
22 statistical analysis of the historic ANOHR variance with respect to the
23 best fit curve is also performed to identify unusual observations. The

1 resulting equation is used to project ANOHR for the unit using the net
2 output factor from the POWRSYM model. This projected ANOHR
3 value is then used in the GPIF tables and in the calculations to
4 determine the possible fuel savings or losses due to improvements or
5 degradations in heat rate performance. This process is consistent
6 with the GPIF Manual.

7 **Q. How did you select the units to be considered when establishing**
8 **the GPIF for FPL?**

9 A. The GPIF units were selected in accordance with the GPIF Manual
10 using the estimated net generation for each unit taken from the
11 production costing simulation program, POWRSYM, which forms the
12 basis for the projected levelized fuel cost recovery factor for the
13 period. The 10 units which FPL proposes to use for the period of
14 January through December 2010 represent the top 83.5% of the total
15 forecasted system net generation for this period excluding three
16 units: Turkey Point Unit 5 and West County Units 1&2. These three
17 units are new units for 2007 and 2009 respectively and were
18 excluded from the GPIF calculation because there is insufficient
19 historical data to include them. Therefore, consistent with the GPIF
20 Manual, the above mentioned units will be excluded from the GPIF
21 calculations until FPL has enough operating history to use in
22 projecting future performance.

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

3 A. Yes, they do.

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

5 A. Yes, it does.

DOCUMENT NO. 1

WITNESS: ROXANE R. KENNEDY

GENERATING PERFORMANCE INCENTIVE FACTOR

JANUARY THROUGH DECEMBER, 2010

RRK-2

DOCKET NO. 090001-EI

FPL Witness: Roxane R. Kennedy

Exhibit No.: _____

Pages 1 - 21

September 1, 2009

DOCUMENT NUMBER 1 INDEX
FLORIDA POWER & LIGHT COMPANY
JANUARY THROUGH DECEMBER, 2010

<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 - 7.201.020	Unit MOF and FOF vs Time Graphs
	7.201.021	Planned Outages Schedule (Estimated)

Table 2.0
POWRSYM Projected System Generation
January Through December, 2010

<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>
WCEC_01	1,267	8,760	8,713,711	75.6	9.1	9.1	369,276
FT. MYERS 2	1,412	8,735	8,533,858	71.7	8.9	17.9	380,885
WCEC_02	1,267	8,268	8,173,561	89.3	8.5	26.5	348,468
MARTIN 8	1,092	8,207	8,066,024	89.9	8.4	34.8	345,490
MANATEE 3	1,092	6,810	8,060,864	79.3	8.4	43.2	352,674
ST. LUCIE 1	845	7,680	6,331,887	96.7	6.6	49.8	45,776
TURKEY POINT 4	703	8,760	6,003,732	95.6	6.2	56.1	47,681
SANFORD 4	944	6,836	5,833,878	91.1	6.1	62.1	259,658
TURKEY POINT 3	703	7,920	5,436,159	95.7	5.7	67.8	40,206
ST. LUCIE 2	719	7,464	5,223,017	96.4	5.4	73.2	27,053
SANFORD 5	944	6,029	4,913,646	87.2	5.1	78.3	220,525
TURKEY POINT 5	1,090	4,961	4,300,197	80.7	4.5	82.8	199,405
SCHERER 4	627	6,864	4,130,961	95.9	4.3	87.1	92,029
MARTIN 4	462	5,042	2,037,015	87.7	2.1	89.2	92,021
MARTIN 3	462	4,939	1,987,640	87.5	2.1	91.3	89,182
LAUDERDALE 5	437	3,739	1,311,737	81.0	1.4	92.7	69,091
LAUDERDALE 4	437	3,528	1,245,692	81.0	1.3	94.0	63,390
MARTIN 1	817	3,011	1,122,139	48.3	1.2	95.1	85,173
ST. JOHNS 1	128	8,760	1,082,521	95.4	1.1	96.3	33,752
ST. JOHNS 2	128	8,016	981,299	94.5	1.0	97.3	30,761
PORT EVERGLADES 3	375	1,471	405,467	77.1	0.4	97.7	33,172
PUTNAM 2	241	1,919	399,678	89.7	0.4	98.1	22,752
MANATEE 1	798	747	371,016	69.5	0.4	98.5	39,778
PORT EVERGLADES 4	375	1,301	327,706	73.5	0.3	98.9	26,444
PUTNAM 1	241	1,549	326,683	90.8	0.3	99.2	18,577
TURKEY POINT 1	379	977	261,900	77.9	0.3	99.5	27,810
FORT MYERS 3A_B	161	893	250,096	93.3	0.3	99.7	18,094
TURKEY POINT 2	379	749	197,311	76.8	0.2	99.9	18,524
FORT MYERS 1-12	583	171	34,011	39.8	0.0	100.0	7,050
CAPE CANAVERAL 1	379	99	19,922	0.0	0.0	100.0	1,375
CAPE CANAVERAL 2	379	50	7,663	24.2	0.0	100.0	512
LAUDERDALE 1-24	718	59	6,746	0.0	0.0	100.0	714
PORT EVERGLADES 1	206	2	0	14.8	0.0	100.0	0
PORT EVERGLADES 2	206	0	0	0.0	0.0	100.0	0
RIVIERA 3	274	0	0	0.0	0.0	100.0	0
RIVIERA 4	285	0	0	0.0	0.0	100.0	0
CUTLER 5	68	0	0	0.0	0.0	100.0	0
CUTLER 6	137	0	0	0.0	0.0	100.0	0
SANFORD 3	139	0	0	0.0	0.0	100.0	0
MANATEE 2	798	0	0	0.0	0.0	100.0	0
MARTIN 2	817	0	0	0.0	0.0	100.0	0
EVERGLADES 1-12	359	0	0	0.0	0.0	100.0	0
Total	23,872		96,097,737		100.0		3,407,298

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

JANUARY THROUGH DECEMBER, 2010

Ft. Myers 2
Martin 8
Manatee 3
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, 2010

Generating Performance Incentive Points <u>(GPIF)</u>	Fuel Savings/(Loss) <u>(\$000)</u>	Generating Performance Incentive Factor <u>(\$000)</u>
+ 10	101,802	35,485
+ 9	91,622	31,937
+ 8	81,442	28,388
+ 7	71,261	24,840
+ 6	61,081	21,291
+ 5	50,901	17,743
+ 4	40,721	14,194
+ 3	30,541	10,646
+ 2	20,360	7,097
+ 1	10,180	3,549
0	0	0
- 1	(10,180)	(3,549)
- 2	(20,360)	(7,097)
- 3	(30,541)	(10,646)
- 4	(40,721)	(14,194)
- 5	(50,901)	(17,743)
- 6	(61,081)	(21,291)
- 7	(71,261)	(24,840)
- 8	(81,442)	(28,388)
- 9	(91,622)	(31,937)
- 10	(101,802)	(35,485)

GENERATING PERFORMANCE INCENTIVE FACTOR

CALCULATION OF MAXIMUM ALLOWED INCENTIVE DOLLARS

ESTIMATED

FLORIDA POWER & LIGHT COMPANY
PERIOD OF: JANUARY THROUGH DECEMBER, 2010

LINE 1	BEGINNING OF PERIOD BALANCE OF COMMON EQUITY		\$	8,459,714,398
	END OF MONTH BALANCE OF COMMON EQUITY			
LINE 2	MONTH OF JANUARY	2010	\$	8,535,407,472
LINE 3	MONTH OF FEBRUARY	2010	\$	8,576,908,996
LINE 4	MONTH OF MARCH	2010	\$	8,514,314,051
LINE 5	MONTH OF APRIL	2010	\$	8,589,899,016
LINE 6	MONTH OF MAY	2010	\$	8,688,490,659
LINE 7	MONTH OF JUNE	2010	\$	8,817,223,148
LINE 8	MONTH OF JULY	2010	\$	8,950,895,421
LINE 9	MONTH OF AUGUST	2010	\$	9,095,793,403
LINE 10	MONTH OF SEPTEMBER	2010	\$	9,227,551,844
LINE 11	MONTH OF OCTOBER	2010	\$	9,330,159,021
LINE 12	MONTH OF NOVEMBER	2010	\$	9,403,937,246
LINE 13	MONTH OF DECEMBER	2010	\$	9,466,290,153
LINE 14	AVERAGE COMMON EQUITY FOR THE PERIOD (SUMMATION OF LINE 1 THROUGH LINE 13 DIVIDED BY 13)		\$	8,896,660,000
LINE 15	25 BASIS POINTS			0.0025
LINE 16	REVENUE EXPANSION FACTOR			61.3808%
LINE 17	MAXIMUM ALLOWED INCENTIVE DOLLARS (LINE 14 TIMES LINE 15 DIVIDED BY LINE 16)		\$	36,235,532
LINE 18	JURISDICTIONAL SALES			101,028,630,477 KWH
LINE 19	TOTAL SALES			103,165,312,218 KWH
LINE 20	JURISDICTIONAL SEPARATION FACTOR (LINE 18 DIVIDED BY LINE 19)			97.93%
LINE 21	MAXIMUM ALLOWED JURISDICTIONAL INCENTIVE DOLLARS		\$	35,485,049

GPIF TARGET AND RANGE SUMMARY
FLORIDA POWER & LIGHT COMPANY
PERIOD OF: JANUARY THROUGH DECEMBER, 2010

<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	2.73	92.7	94.7	90.7	2,776.5	-2,776.5
Martin 8	4.27	85.5	88.5	82.5	4,349.2	-4,349.2
Manatee 3	3.28	94.3	96.8	91.8	3,342.2	-3,342.2
Sanford 4	1.91	89.7	91.7	87.7	1,948.5	-1,948.5
Sanford 5	1.87	88.2	91.2	85.2	1,901.6	-1,901.6
Scherer 4	3.13	74.4	76.4	72.4	3,183.9	-3,183.9
St. Lucie 1	9.66	81.3	84.3	78.3	9,831.1	-9,831.1
St. Lucie 2	8.17	76.7	79.7	73.7	8,319.3	-8,319.3
Turkey Point 3	7.78	82.3	85.3	79.3	7,916.8	-7,916.8
Turkey Point 4	8.79	93.6	96.6	90.6	8,948.0	-8,948.0

 51.59

 52,517.1

 -52,517.1

GPIF TARGET AND RANGE SUMMARY

FLORIDA POWER & LIGHT COMPANY
PERIOD OF: JANUARY THROUGH DECEMBER, 2010

<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	5.44	6,952	71.7	6,851	7,053	5,533.6	-5,533.6
Martin 8	8.45	6,826	89.9	6,656	6,996	8,604.4	-8,604.4
Manatee 3	9.80	6,750	79.3	6,559	6,941	9,979.4	-9,979.4
Sanford 4	4.03	6,968	91.1	6,858	7,078	4,099.1	-4,099.1
Sanford 5	4.79	6,969	87.2	6,815	7,123	4,873.1	-4,873.1
Scherer 4	1.64	10,151	95.9	9,967	10,335	1,668.1	-1,668.1
St. Lucie 1	2.96	10,868	96.7	10,767	10,969	3,008.9	-3,008.9
St. Lucie 2	4.04	11,207	96.4	11,044	11,370	4,110.6	-4,110.6
Turkey Point 3	3.22	11,474	95.7	11,333	11,615	3,280.0	-3,280.0
Turkey Point 4	4.05	11,470	95.6	11,313	11,627	4,127.8	-4,127.8
	<u>48.41</u>					<u>49,285.0</u>	<u>-49,285.0</u>

**PROJECTED UNIT HEAT RATE EQUATIONS
FLORIDA POWER & LIGHT COMPANY
PERIOD OF: JANUARY THROUGH DECEMBER, 2010**

<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	6,952	71.7	1412	7273	-4.48	101	07-06	06-09	2/2008
Martin 8	6,826	89.9	1092	6919	-1.03	170	07-06	06-09	11/06, 02/07, 11/07
Manatee 3	6,750	79.3	1092	7248	-6.28	191	07-06	06-09	9/06, 10/06, 12/06, 3/07, 5/07-9/07, 11/07, 1/08, 4/08, 12/08-2/09
Sanford 4	6,968	91.1	944	7552	-6.41	110	07-06	06-09	07/06, 08/06, 05/07, 07/07, 02/08
Sanford 5	6,969	87.2	944	7569	-6.88	154	07-06	06-09	12/06
Scherer 4	10,151	95.9	627	10718	-5.91	184	07-06	06-09	02/07, 03/09, 04/09, 05/09, 06/09
St. Lucie 1	10,868	96.7	845	13072	-22.79	101	07-06	06-09	11/06, 04/07, 05/07
St. Lucie 2	11,207	96.4	719	18985	-80.68	163	07-06	06-09	10/07, 11/07, 12/07, 01/08, 03/09, 05/09, 06/09
Turkey Point 3	11,474	95.7	703	18410	-72.48	141	07-06	06-09	09/07, 10/07, 04/09, 05/09
Turkey Point 4	11,470	95.6	703	18311	-71.56	157	07-06	06-09	11/06, 12/06, 04/08, 05/08, 05/09

DERIVATION OF WEIGHT FACTORS

FLORIDA POWER & LIGHT COMPANY
PERIOD OF: JANUARY THROUGH DECEMBER, 2010

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	3,407,298	3,404,522	2,776.5	2.73
Ft. Myers 2	ANOHR	3,407,298	3,401,764	5,533.6	5.44
Martin 8	EAF	3,407,298	3,402,949	4,349.2	4.27
Martin 8	ANOHR	3,407,298	3,398,694	8,604.4	8.45
Manatee 3	EAF	3,407,298	3,403,956	3,342.2	3.28
Manatee 3	ANOHR	3,407,298	3,397,319	9,979.4	9.80
Sanford 4	EAF	3,407,298	3,405,349	1,948.5	1.91
Sanford 4	ANOHR	3,407,298	3,403,199	4,099.1	4.03
Sanford 5	EAF	3,407,298	3,405,396	1,901.6	1.87
Sanford 5	ANOHR	3,407,298	3,402,425	4,873.1	4.79
Scherer 4	EAF	3,407,298	3,404,114	3,183.9	3.13
Scherer 4	ANOHR	3,407,298	3,405,630	1,668.1	1.64
St. Lucie 1	EAF	3,407,298	3,397,467	9,831.1	9.66
St. Lucie 1	ANOHR	3,407,298	3,404,289	3,008.9	2.96
St. Lucie 2	EAF	3,407,298	3,398,979	8,319.3	8.17
St. Lucie 2	ANOHR	3,407,298	3,403,187	4,110.6	4.04
Turkey Point 3	EAF	3,407,298	3,399,381	7,916.8	7.78
Turkey Point 3	ANOHR	3,407,298	3,404,018	3,280.0	3.22
Turkey Point 4	EAF	3,407,298	3,398,350	8,948.0	8.79
Turkey Point 4	ANOHR	3,407,298	3,403,170	4,127.8	4.05
TOTAL				101,802.1	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, 2010**

<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	92.7	2.5	4.8	8760	8123	0	637	216	175	245	8,533,858
Martin 8	85.5	4.9	9.6	8760	7487	0	1273	432	254	587	8,066,024
Manatee 3	94.3	0.0	5.7	8760	6810	1451	499	0	175	324	8,060,864
Sanford 4	89.7	5.8	4.5	8760	6836	1026	898	504	175	219	5,833,878
Sanford 5	88.2	5.1	6.7	8760	6029	1700	1031	444	307	280	4,913,646
Scherer 4	74.4	21.6	4.0	8760	6514	0	2246	1896	175	175	4,130,961
St. Lucie 1	81.3	12.3	6.4	8760	7119	0	1641	1080	280	280	6,331,887
St. Lucie 2	76.7	14.8	8.5	8760	6719	0	2041	1296	464	280	5,223,017
Turkey Point 3	82.3	9.6	8.1	8760	7210	0	1550	840	429	280	5,436,159
Turkey Point 4	93.6	0.0	6.4	8760	8199	0	561	0	280	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

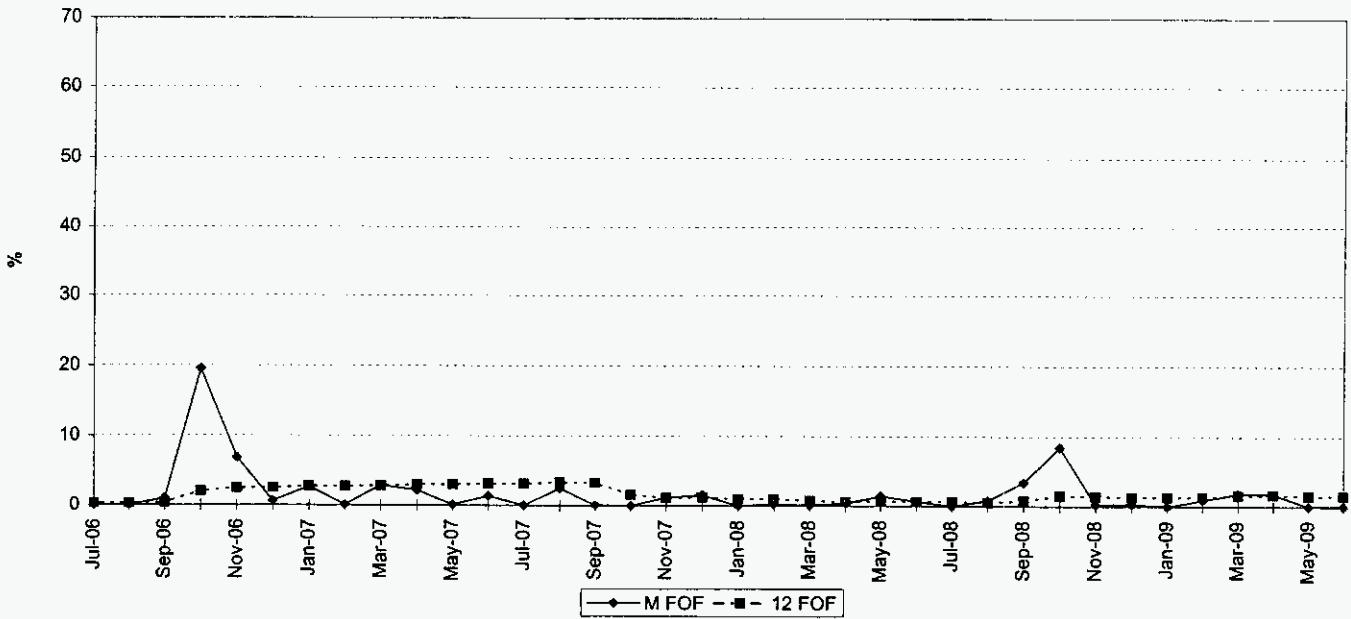
UH = unavailable hours. $UH = PH - SH - RSH$

EPOH = equivalent planned outage hours

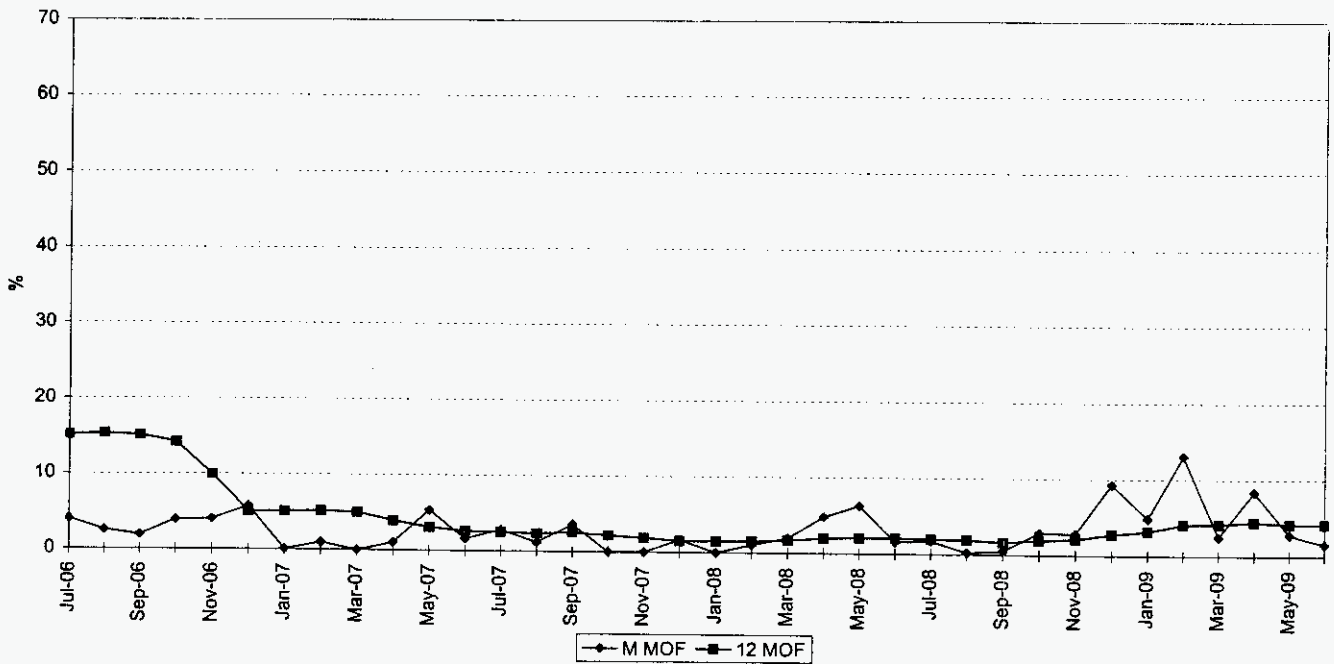
EFOH = equivalent forced outage hours

EMOH = equivalent maintenance outage hours

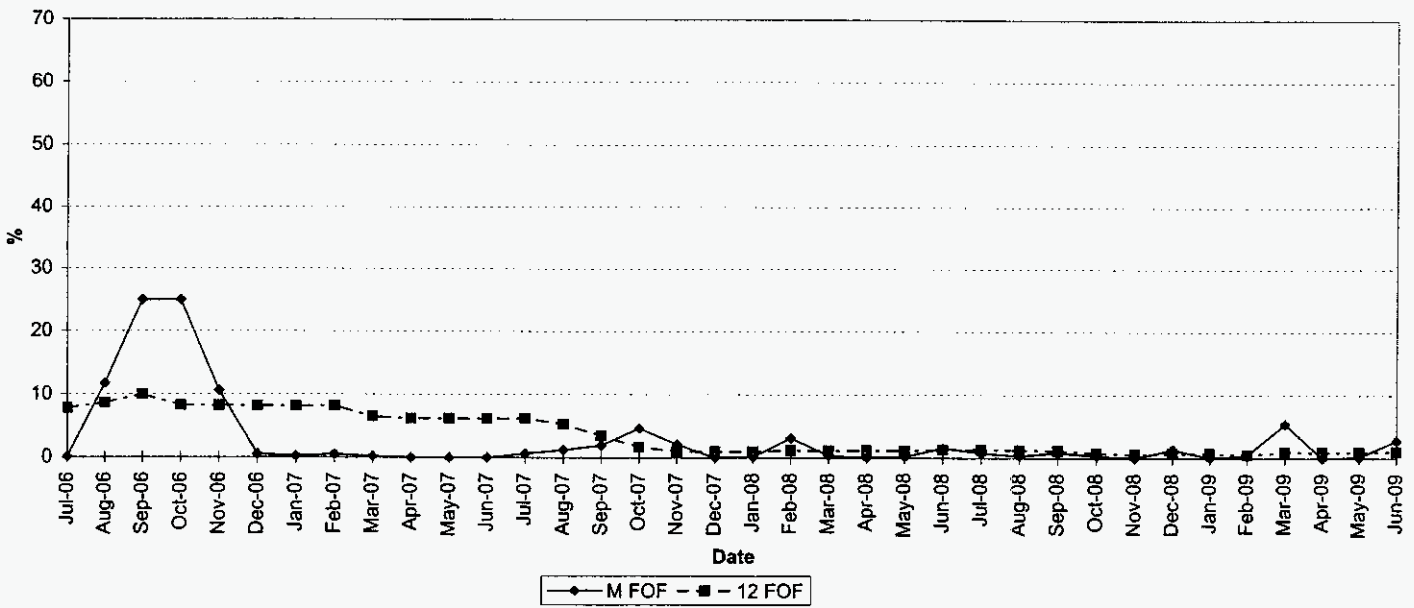
PFM 2 FORCED OUTAGE FACTOR



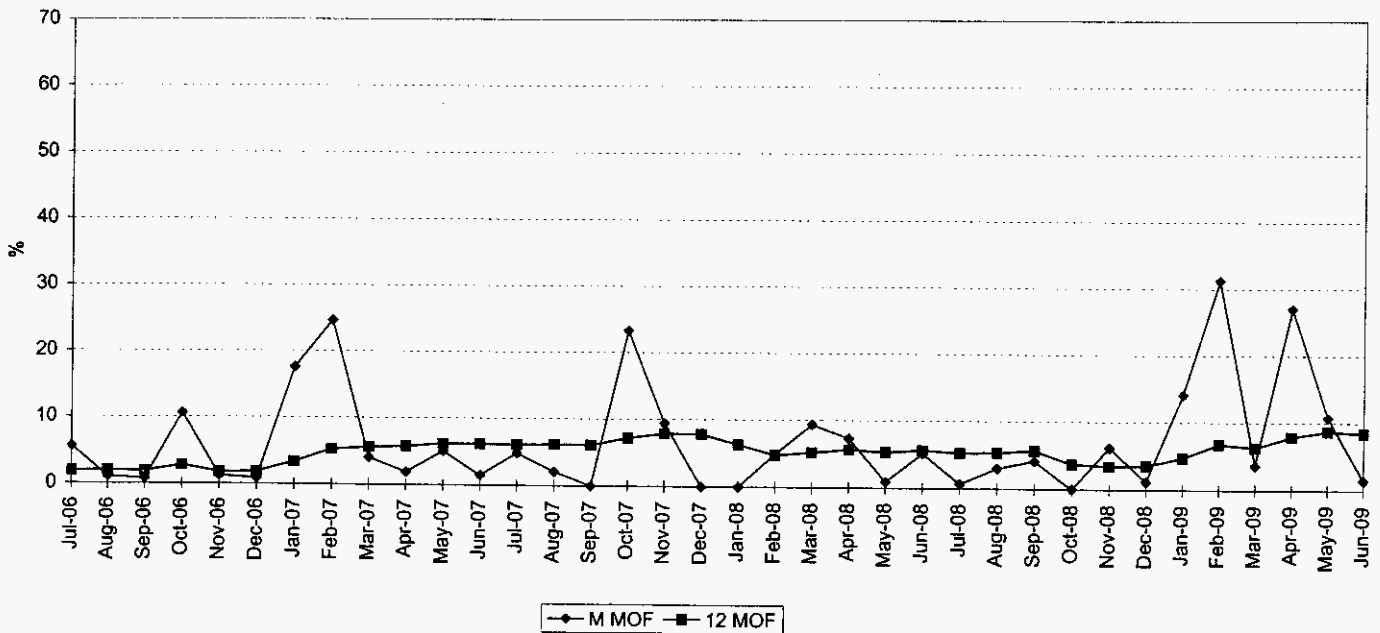
MAINTENANCE OUTAGE FACTOR



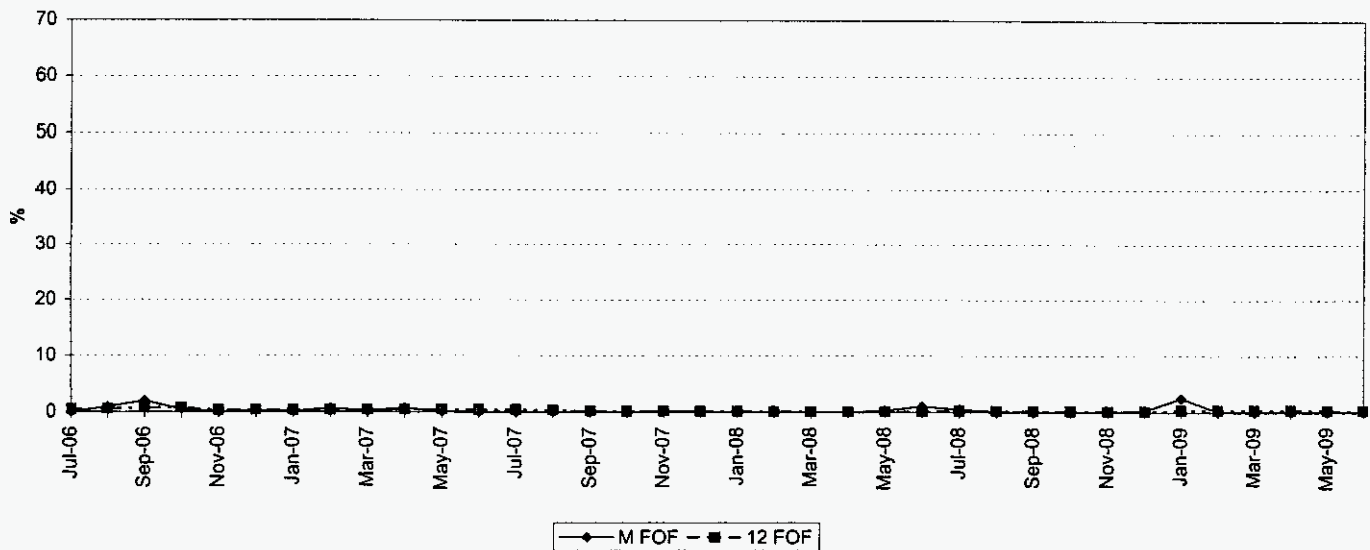
PMR 8 FORCED OUTAGE FACTOR



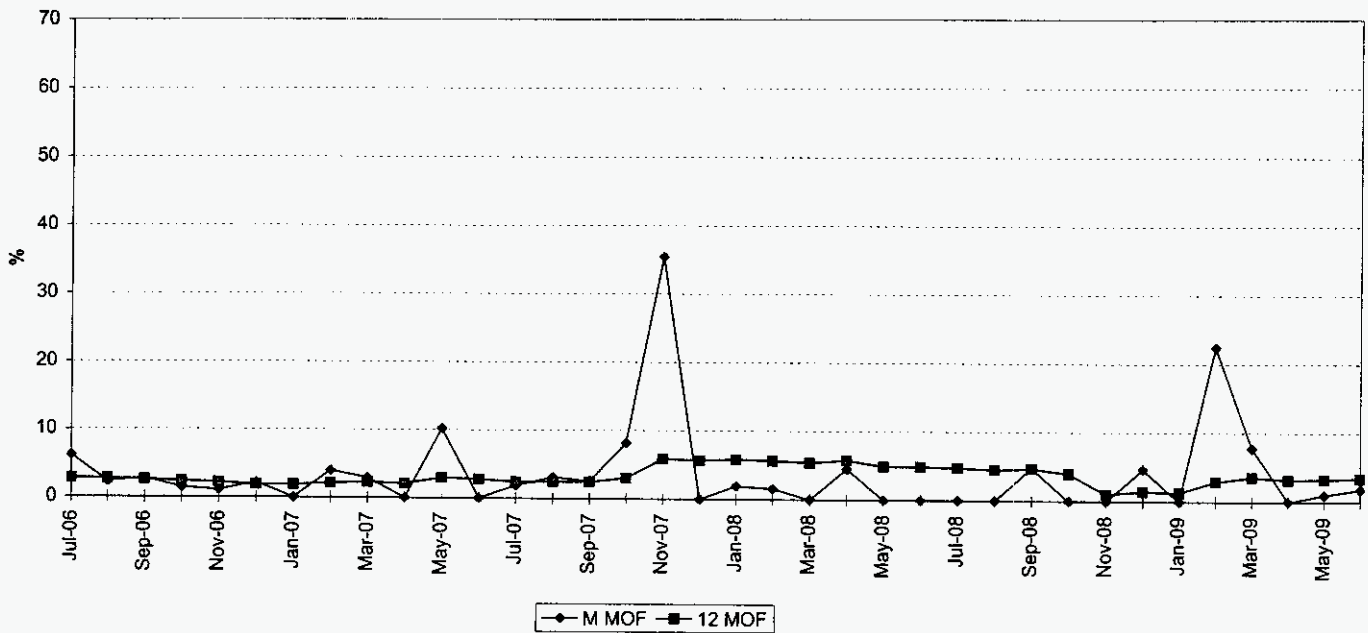
MAINTENANCE OUTAGE FACTOR



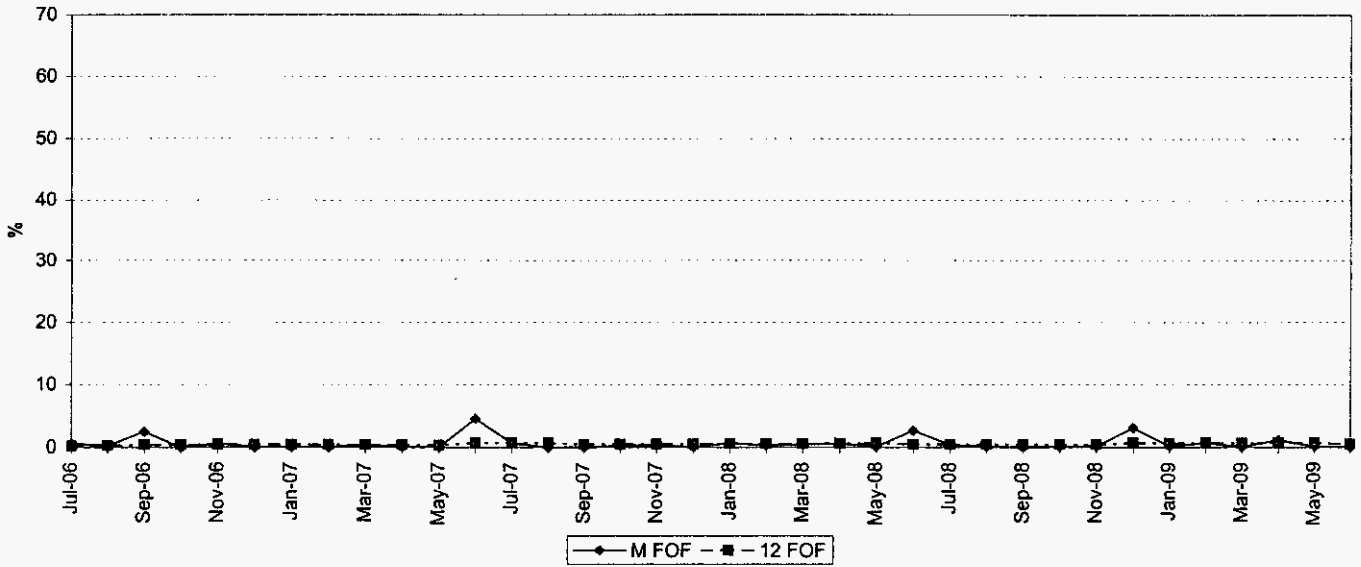
PMT 3 FORCED OUTAGE FACTOR



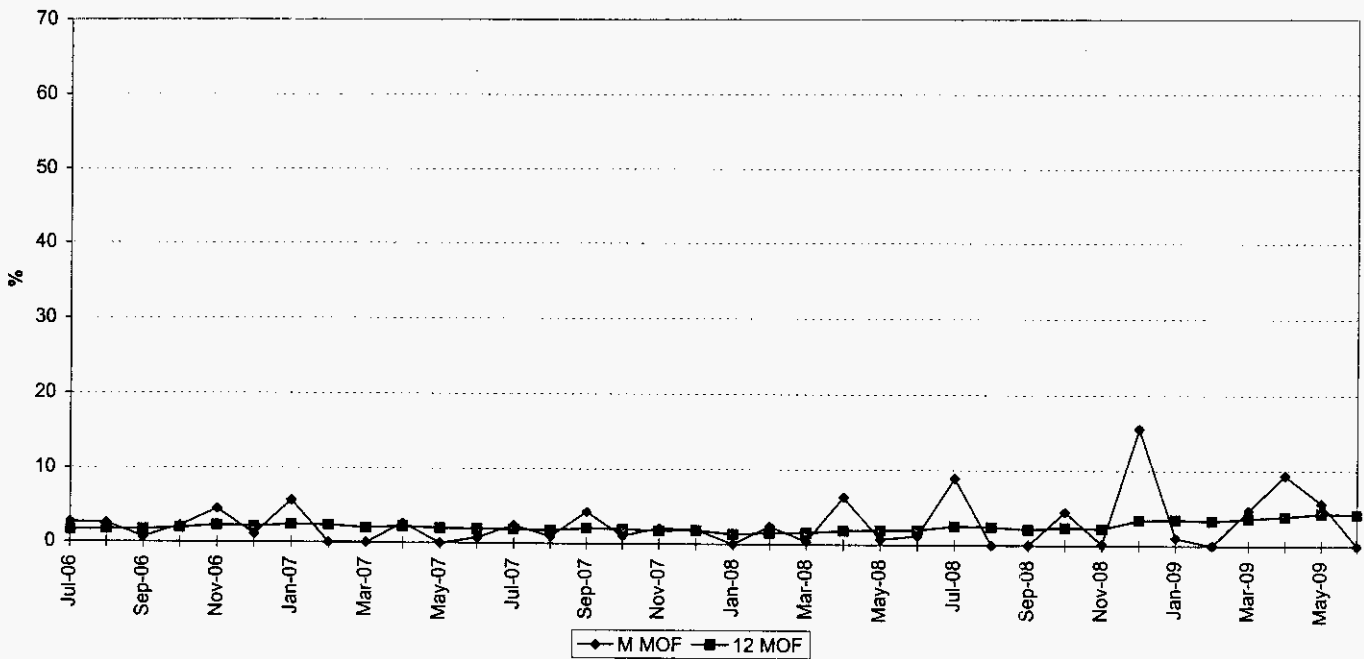
MAINTENANCE OUTAGE FACTOR



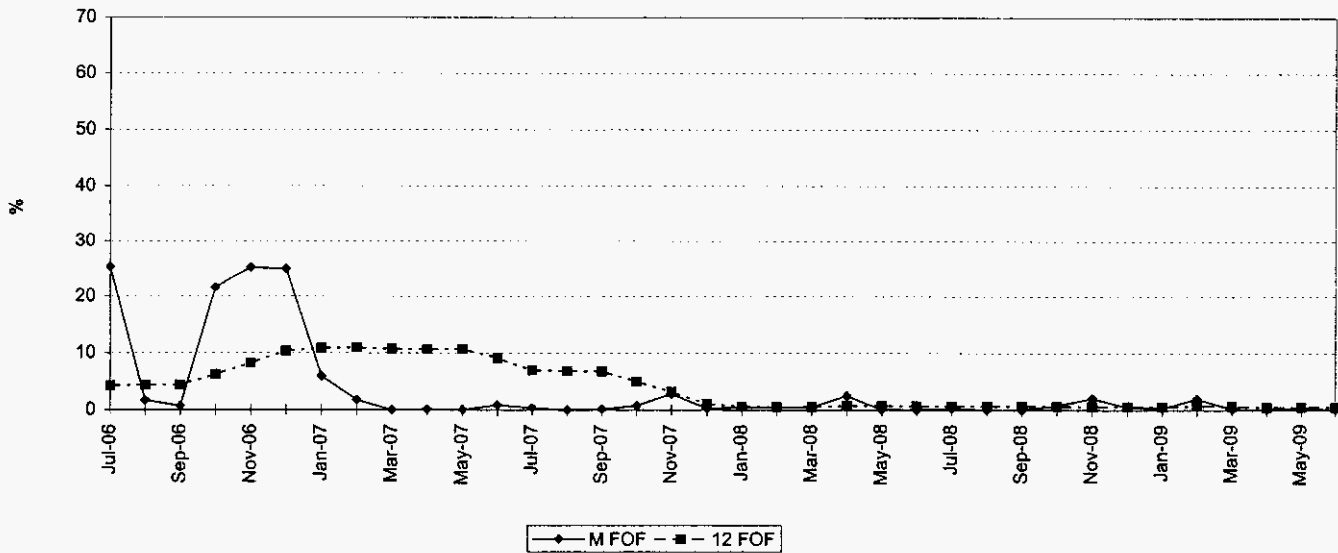
PSN 4 FORCED OUTAGE FACTOR



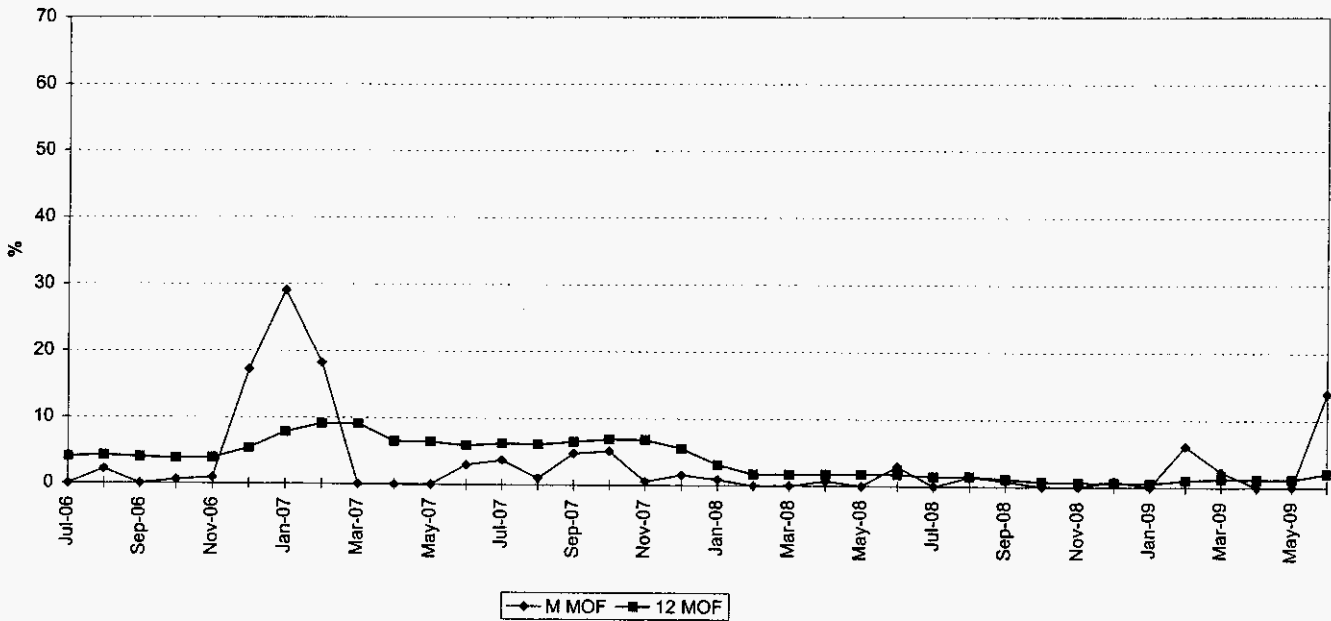
MAINTENANCE OUTAGE FACTOR



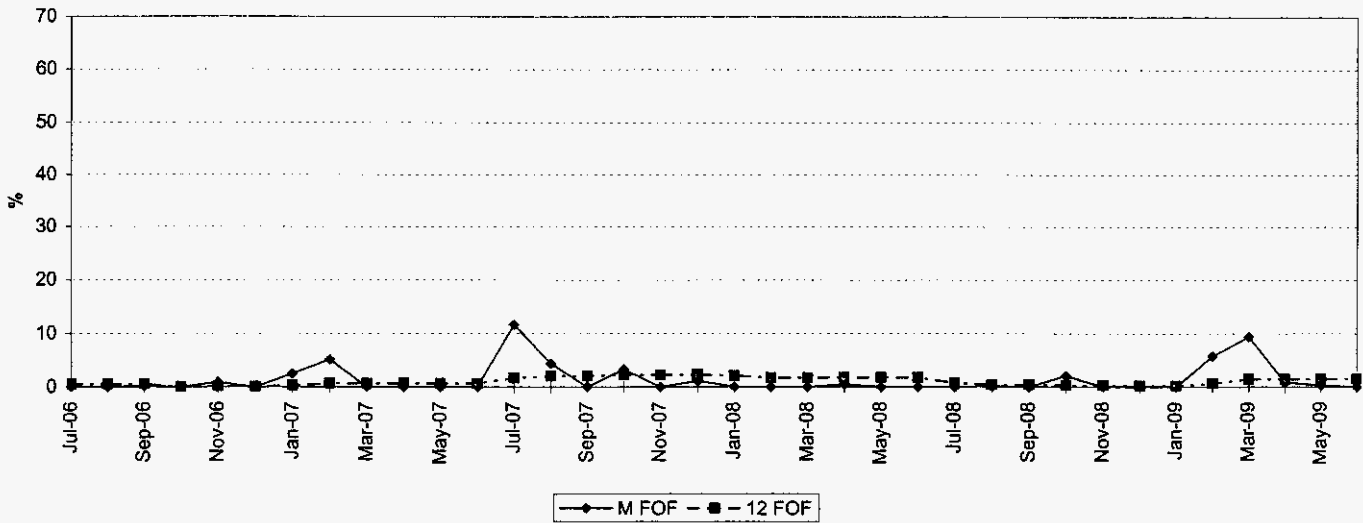
PSN 5 FORCED OUTAGE FACTOR



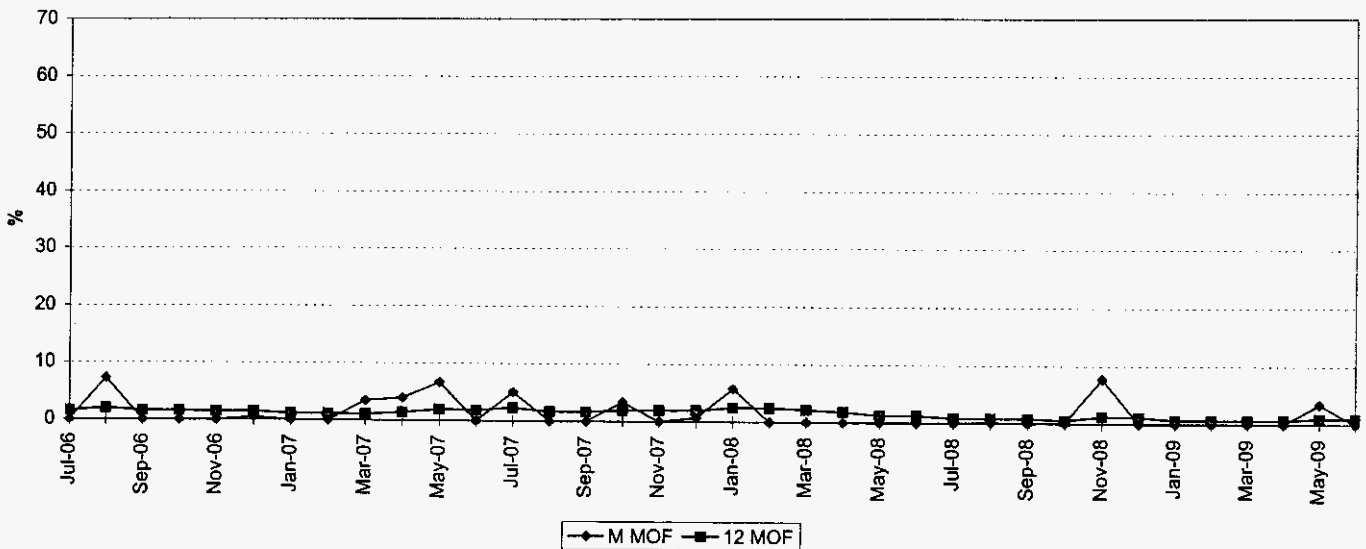
MAINTENANCE OUTAGE FACTOR



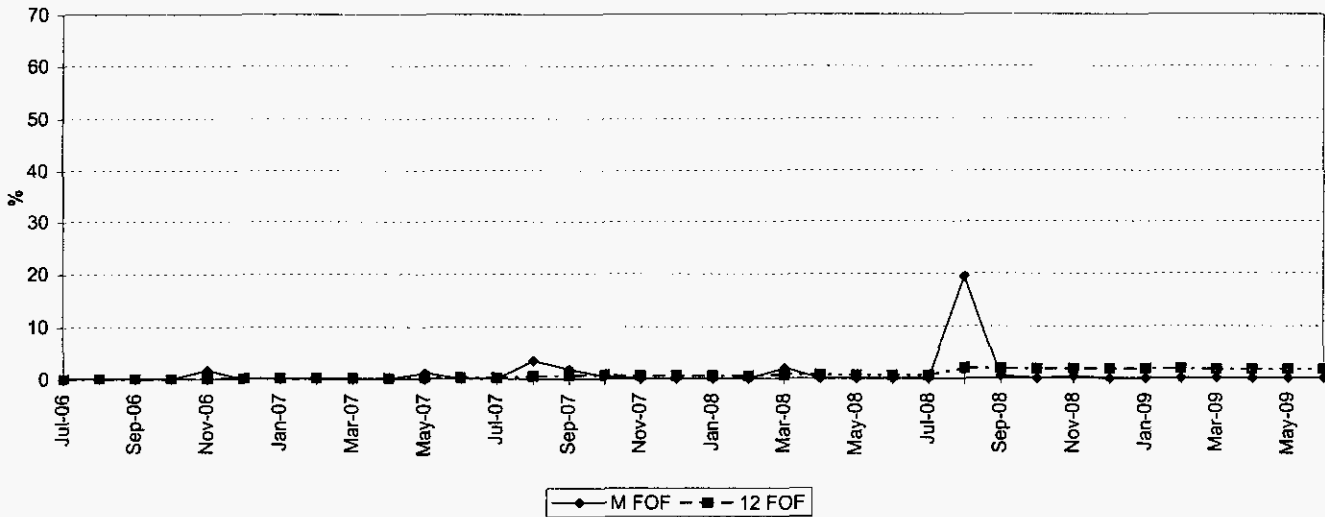
PSG 4 FORCED OUTAGE FACTOR



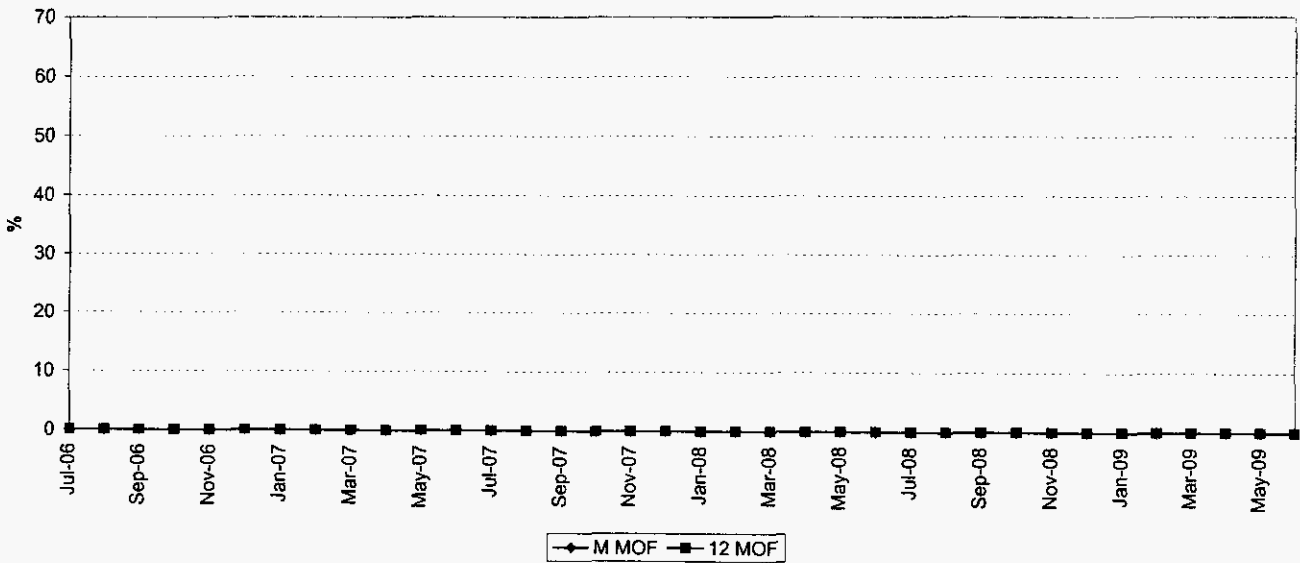
MAINTENANCE OUTAGE FACTOR



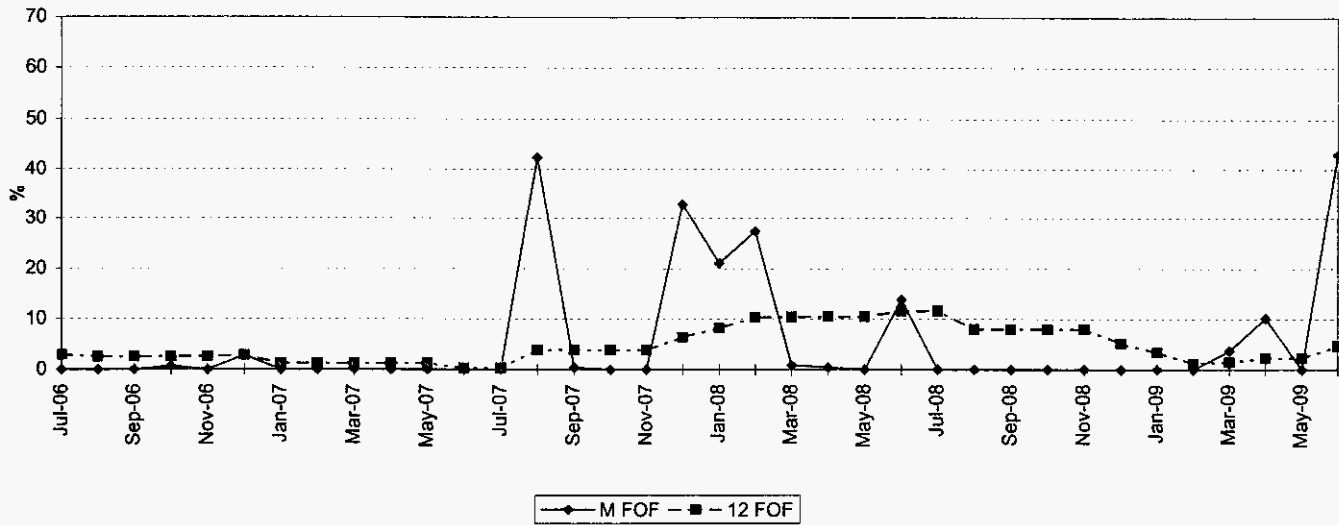
PSL 1 FORCED OUTAGE FACTOR



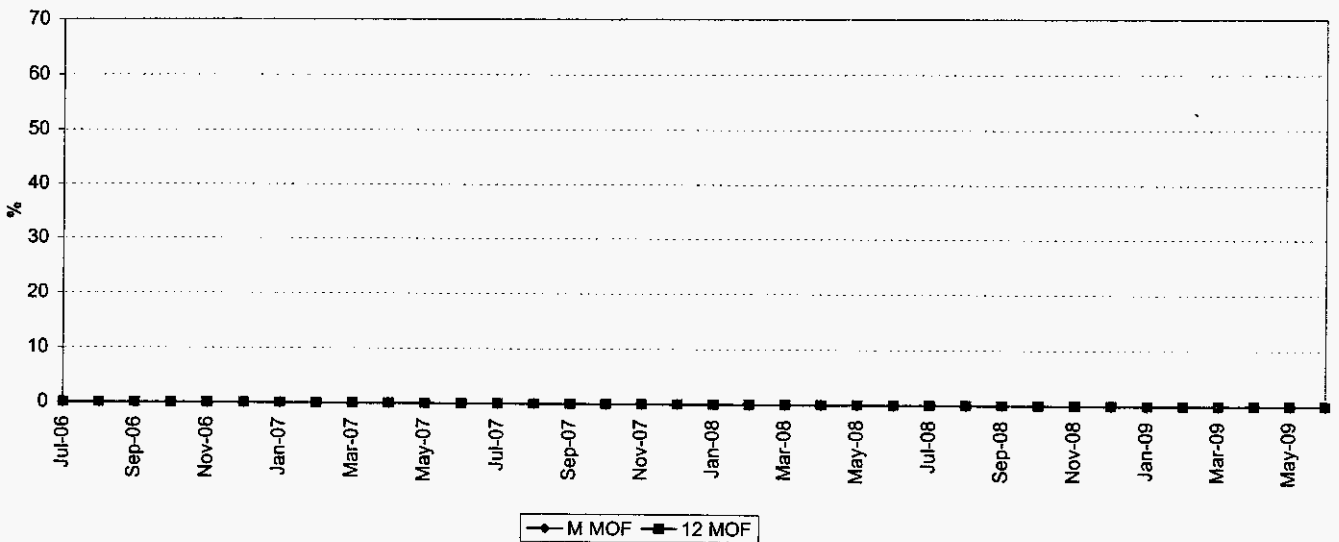
MAINTENANCE OUTAGE FACTOR



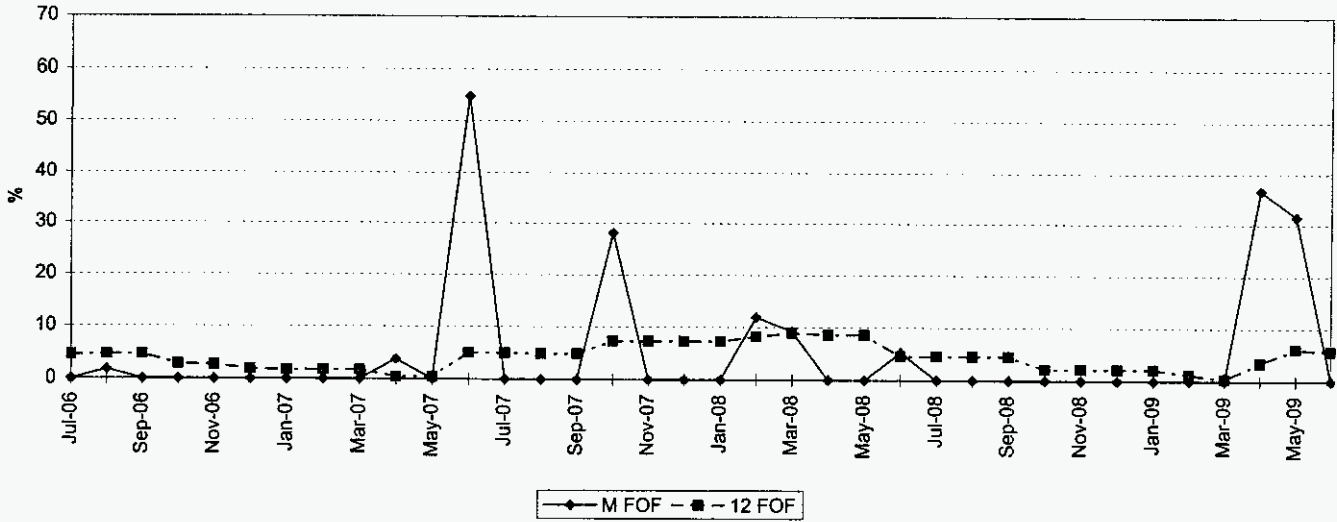
PSL 2 FORCED OUTAGE FACTOR



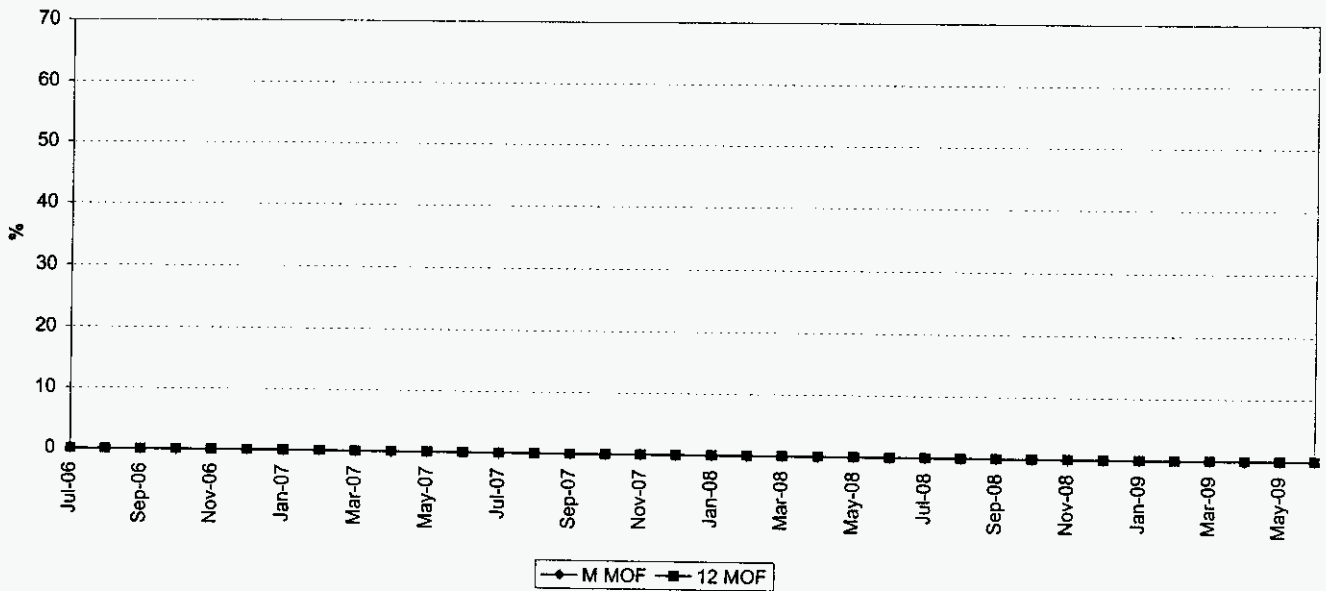
MAINTENANCE OUTAGE FACTOR



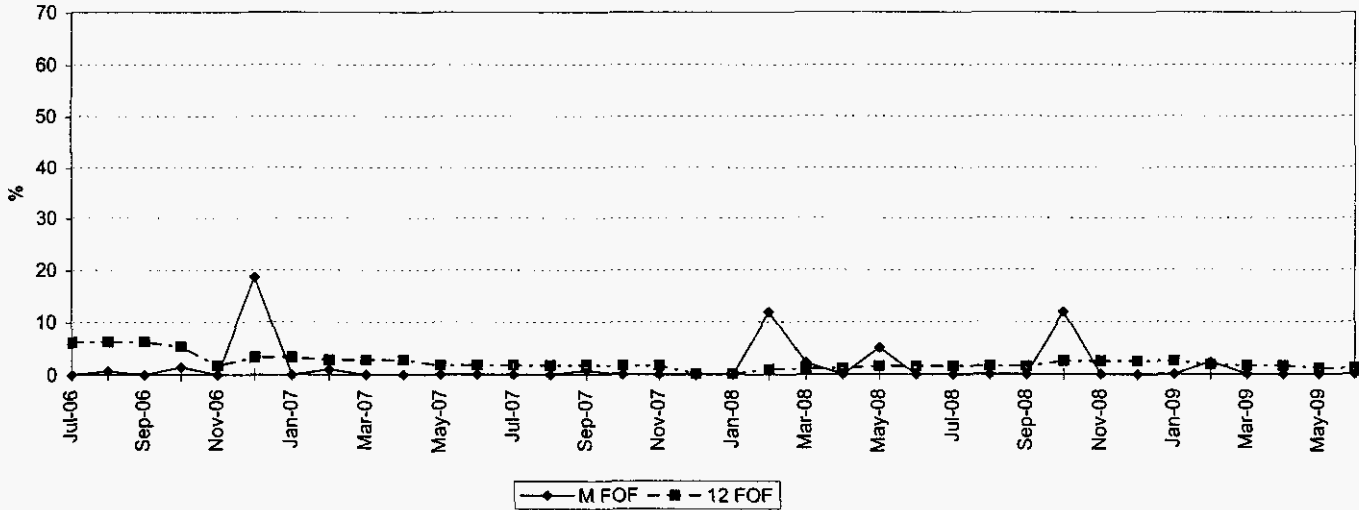
PTN 3 FORCED OUTAGE FACTOR



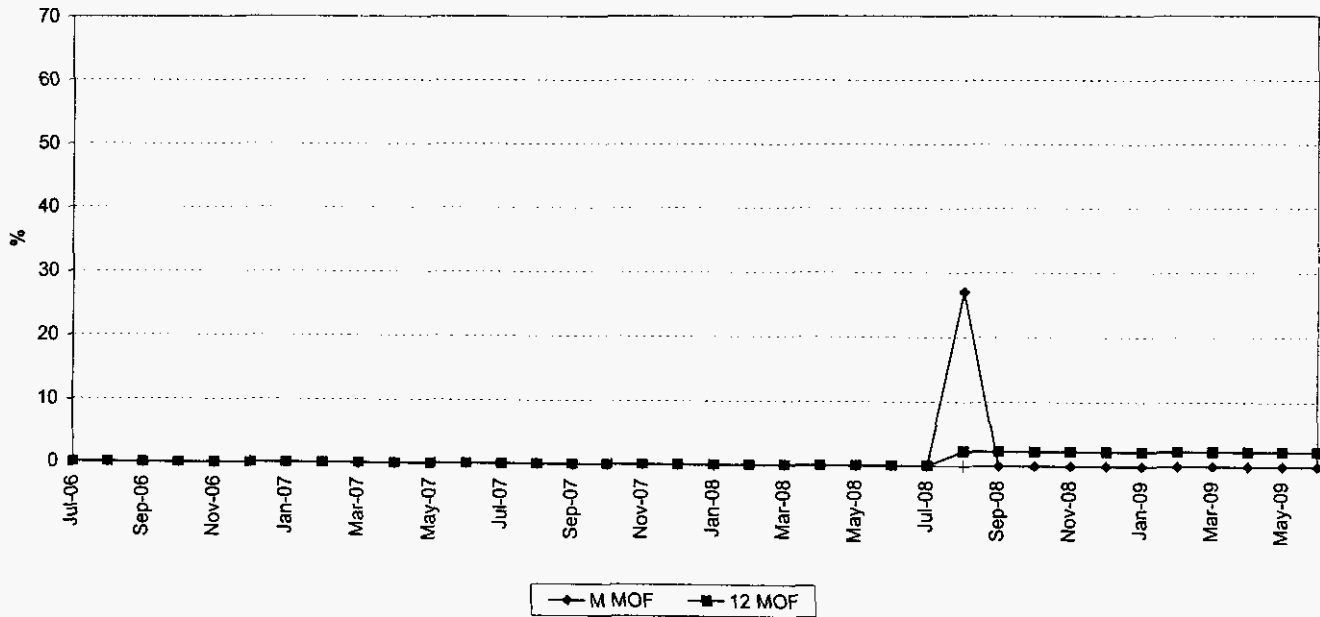
MAINTENANCE OUTAGE FACTOR



PTN 4 FORCED OUTAGE FACTOR



MAINTENANCE OUTAGE FACTOR



PLANNED OUTAGE SCHEDULE (ESTIMATED)

FLORIDA POWER & LIGHT COMPANY

PERIOD OF: JANUARY THROUGH DECEMBER, 2010

PLANT/UNIT	PLAN OUTAGE*	REASON FOR OUTAGE	LR MW**
Ft. Myers 2	05/01/2010 - 06/11/2010	A-F CONSECUTIVE HRSGs INSP. - 17% CURT	240
Ft. Myers 2	11/13/2010 - 11/14/2010	30" WEST LEG MAINLINE EXTENSION	1440
Martin 8	02/13/2010 - 02/19/2010	A-B HRSG INSP - 50% CURT	556
Martin 8	02/13/2010 - 03/05/2010	C-D S0-S5 FF/HRSG - 25% CURT	278
Martin 8	02/13/2010 - 02/28/2010	GEN INSP - 100% CURT	1112
Manatee 3	NONE		
Sanford 4	03/13/2010 - 04/02/2010	P91 REPLACEMENT / LATERALS / HRSG INSP - 100% CURT	955
Sanford 5	05/29/2010 - 06/04/2010	COMB INSP/HRSG INSP - 25% CURT	225
Sanford 5	06/05/2010 - 06/27/2010	HRSG INSP - 25% CURT	225
Sanford 5	06/05/2010 - 06/27/2010	S0-S5 FF / 24K / HOT GAS PATH / HRSG INSP - 25% CURT	225
Sanford 5	06/05/2010 - 06/25/2010	S0-S5 FF / COMB. INSP - 25% CURT	225
Scherer 4	01/16/2010 - 04/04/2010	BLR, FGD, BFPT	644
St. Lucie 1	04/05/2010 - 05/20/2010	REFUELING. Outgate increased to 45 days due to Alloy 600 repairs.	839
St. Lucie 2	11/08/2010 - 12/31/2010	REFUELING. Outage continues into next year through Jan 11. Outage increased to 64 days due to main generator rewind and rotor replacement, LP turbine replacement and Alloy 600 repairs.	726
Turkey Point 3	09/27/2010 - 11/01/2010	REFUELING. Includes eddy current testing of the steam generator	717
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