

**Steel Hector & Davis**

Tallahassee, Florida

Matthew M Childs, P.A.  
(904) 222-4448

FILE COPY

June 20, 1995

Blanca S. Bayó Director  
Division of Records and Reporting  
Florida Public Service Commission  
Betty Easley Conference Center, Rm.110  
4075 Esplanade Way  
Tallahassee, FL 32399-0850

RE: **DOCKET NO. 950001-EI**

Dear Ms. Bayó:

Enclosed for filing please find the original and fifteen (15) copies of Florida Power & Light Company's Petition For The Approval Of Its Levelized Fuel Recovery Charge, Oil Backout Cost Recovery Factor, Capacity Cost Recovery Factors, and GPIF Targets in the above referenced docket.

Also enclosed please find the original and fifteen (15) copies of the Testimony of R. Silva, B. T. Birkett and C. Villard.

Very truly yours,

*Matthew M. Childs*  
Matthew M. Childs, P.A.

*Childs*  
DOCUMENT NUMBER-DATE

05801 JUN 20 95

FPSC-RECORDS/REPORTING

*Birkett*  
DOCUMENT NUMBER-DATE

05800 JUN 20 95

FPSC-RECORDS/REPORTING

- ACC ✓
- ATT 2
- APP
- CAF
- CD
- CE
- CF

*Childs*

cc: All Parties of Record

*3401's test*

*man*  
FPSC-BUREAU OF RECORDS

*Petition*  
DOCUMENT NUMBER-DATE

05799 JUN 20 95

FPSC-RECORDS/REPORTING

OTH  
Tallahassee Office  
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Suite 601  
Tallahassee, FL 32301-1804  
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**ORIGINAL  
FILE COPY**

**BEFORE THE FLORIDA  
PUBLIC SERVICE COMMISSION**

**DOCKET NO. 950001-EI  
FLORIDA POWER & LIGHT COMPANY  
JUNE 20, 1995**

**GENERATING PERFORMANCE  
INCENTIVE FACTOR**

**OCTOBER 1995 THROUGH MARCH 1996**

**TESTIMONY & EXHIBITS OF:  
R. SILVA**

**DOCUMENT NUMBER-DATE  
05801 JUN 20 95  
FPSC-RECORDS/REPORTING**

**BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION**

**FLORIDA POWER & LIGHT COMPANY**

**DOCKET NO. 950001-EI**

**JUNE 20, 1995**

**GENERATING PERFORMANCE INCENTIVE FACTOR**

**UNIT TARGETS AND RANGES FOR**

**OCTOBER, 1995 THROUGH MARCH, 1996**

BEFORE THE PUBLIC SERVICE COMMISSION

FLORIDA POWER & LIGHT COMPANY

TESTIMONY OF R. SILVA

DOCKET NO. 950001-EI

JUNE 20, 1995

1 Q. Please state your name and business address.

2 A. My name is Rene Silva and my business address is 9250 W. Flagler  
3 Street, Miami, Florida 33174.

4

5 Q. Mr. Silva, would you please state your present position with Florida  
6 Power and Light Company (FPL).

7 A. I am the Manager of Forecasting and Regulatory Response for the  
8 Power Generation Business Unit of FPL.

9

10 Q. Mr. Silva, have you previously had testimony presented in this docket?

11 A. Yes, I have.

12

13 Q. Mr. Silva, what is the purpose of your testimony?

14 A. The purpose of my testimony is to present the target unit average net  
15 operating heat rates and target unit equivalent availabilities for the  
16 period October, 1995 through March, 1996, for use in determining the  
17 Generating Performance Incentive Factor (GPIF). The improvement  
18 and degradation range for each performance indicator is also presented  
19 in this testimony.

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Q. Mr. Silva could you please summarize what the FPL system targets are for Equivalent Availability Factor (EAF) and Average Net Operating Heat Rate (ANOHR).

A. FPL projects a weighted system equivalent planned outage factor of 13.9% and a weighted system equivalent unplanned outage factor of 7.5% which yield a weighted system equivalent availability of 78.6%. This target includes the refueling of all four nuclear units during the October, 1995 through March, 1996 period. FPL also projects a weighted system average net operating heat rate of 9729 BTU/KWH. As discussed in later in this testimony, these targets represent fair and reasonable values when compared to historical data . I therefore ask that the targets for these performance indicators and the respective improvement/degradation ranges in my testimony be approved by the Commission for FPL.

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

A. Yes, I have. It consists of one document. The first page of this document is an index to the contents of the document. All other pages are numbered according to the latest revisions of the GPIF Manual as approved by the Commission.

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

1           A.     Yes, I have. Document No. 1, pages 6 and 7 contain the information  
2                   summarizing the targets and ranges for unit equivalent availability and  
3                   average net operating heat rates for the seventeen (17) generating units  
4                   which FPL proposes to have considered. These sheets were prepared in  
5                   accordance with the latest revisions of the GPIF Manual, except that, for  
6                   consistency with previous GPIF filings, it is necessary to divide the  
7                   format of Sheet 3.505 of the GPIF Manual into two sheets. All of these  
8                   targets have been derived utilizing methodologies as adopted in Section 4,  
9                   Subsection 2.3 of the GPIF Manual.

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

13           A.     The GPIF Manual requires that the equivalent availability target for  
14                   each unit be determined as the difference between 100% and the sum of  
15                   the Planned Outage Factor (POF) and the Unplanned Outage Factor  
16                   (UOF). The POF for each unit is determined by the length of the planned  
17                   outage during the projected period. The GPIF Manual also requires that  
18                   the sum of the most recent twelve month ending average forced outage  
19                   factor (FOF) and maintenance outage factor (MOF) be used as the  
20                   starting value for the determination of the target unplanned outage factor  
21                   (UOF). The UOF is then adjusted to reflect recent monthly performance  
22                   and known modifications or changes in equipment.

23  
24                   For most units in the GPIF this adjustment is usually done for units  
25                   which had or are forecast to have planned outages. When a unit is in a

1           planned outage state the unit cannot incur an unplanned outage. For this  
2           reason, when historical data, which contains a planned outage, is used for  
3           developing targets, the UOF will be lower than if the unit had operated  
4           the entire period. To account for this, the historical UOF is increased in  
5           proportion to the planned outage duration for that period. Similarly, if a  
6           unit is forecast to have a planned outage in the projection period the  
7           adjusted historical UOF will be higher than it should because it will not  
8           be exposed to unplanned outages for the entire period. In this case the  
9           UOF is reduced in proportion to the forecast planned outage duration.

10  
11        Q.    Mr. Silva, were the EAF targets for the GPIF units determined using the  
12           methodology as described in the GPIF Operating Manual?

13        A.    Yes.

14  
15        Q.    How did you select the units to be considered when establishing the GPIF  
16           for FPL?

17        A.    The seventeen (17) units which FPL proposes to use represent the top  
18           80.64% of the forecast system net generation for the October, 1995  
19           through March, 1996 period. These units were selected in accordance  
20           with the GPIF Manual Section 3.1 using the estimated net generation for  
21           each unit taken from the production costing simulation program,  
22           POWRSYM, which forms the basis for the projected levelized fuel cost  
23           recovery factor for the period.

24

- 1 Q. Mr. Silva, from the heat rate targets and equivalent availability range  
2 projections, do FPL's generation performance targets represent a  
3 reasonable level of efficiency?
- 4 A. Yes. To fully appreciate why these targets are reasonable, and in some  
5 cases ambitious, it would be necessary to discuss the development of both  
6 the heat rate and availability targets for each of the seventeen units in the  
7 GPIF. However, a less rigorous approach of comparing weighted system  
8 values of these targets to actual values for prior periods will provide a  
9 valuable insight into the appropriateness of the targets.
- 10 Q. Does this conclude your testimony?
- 11 A. Yes, it does.



**DOCUMENT NO. 1**

**WITNESS: R. SILVA**

**DOCKET NO. 950001-EI**

**GENERATING PERFORMANCE INCENTIVE FACTOR**

**OCTOBER, 1995 THROUGH MARCH, 1996**

DOCUMENT NUMBER 1 INDEX

FLORIDA POWER &amp; LIGHT COMPANY

PERIOD OF: OCTOBER, 1995 THROUGH MARCH, 1996

<u>DOCUMENT</u>	<u>IND. X OF MANUAL PAGES</u>	<u>TITLE</u>
1	7.201.001	Index of Manual Pages
	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 Rate Equations
	7.201.009	Derrivation of Weighting Factors
	7.201.010	Estimated Unit Performance Data
	7.201.011 through 7.201.027	Units MOF and FOF versus Time Graphs
	7.201.028	Planned Outage Schedules

TABLE 2.0  
 PROMOD PROJECTED SYSTEM GENERATION  
 PERIOD OF: OCTOBER 1995 THROUGH MARCH 1996

PLANT	UNIT	CAPACITY (MW)	SERVICE HOURS	NET	NOF %	% OF	CUMULATIVE PRODUCTION	
				OUTPUT (MWH)		TOTAL OUTPUT	% OF TOTAL OUTPUT	COST (\$000)
ST. LUCIE	1	839	4077	3467195	101.4	12.10	12.10	15667
TURKEY POINT	3	666	3525	2423017	103.2	8.46	20.56	9902
TURKEY POINT	4	666	3521	2406407	102.6	8.40	28.96	10489
SCHERER	4	610	4368	2361177	88.6	8.24	37.20	42453
ST. LUCIE	2	714	2936	2130871	101.6	7.44	44.64	9249
MARTIN	3	430	4125	1852455	104.4	6.47	51.11	19650
MARTIN	4	430	3987	1685714	98.3	5.88	56.99	17964
LAUDERDALE	5	430	3379	1496325	103.0	5.22	62.22	17126
LAUDERDALE	4	430	3321	1466387	102.7	5.12	67.34	16988
PORT EVERGLADES	3	389	2943	1046725	91.4	3.65	70.99	22135
PORT EVERGLADES	4	386	2704	894663	85.7	3.12	74.11	18244
PUTNAM	2	239	3497	853138	102.1	2.98	77.09	11498
FORT MYERS	2	391	2469	820567	95.0	2.86	79.96	19282
PUTNAM	1	239	3355	788734	98.4	2.75	82.71	10756
TURKEY POINT	2	403	2414	787324	80.9	2.75	85.46	14404
CAPE CANAVERAL	1	397	1938	628517	81.7	2.19	87.65	12007
TURKEY POINT	1	403	1562	522197	83.0	1.82	89.47	8877
CAPE CANAVERAL	2	397	1558	506962	82.0	1.77	91.24	7795
ST. JOHNS RIVER	1	116	4368	500488	98.8	1.75	92.99	7553
MANATEE	2	798	698	442780	79.5	1.55	94.54	10712
ST. JOHNS RIVER	2	117	3720	429304	98.6	1.50	96.03	6392
RIVIERA	4	287	1035	255361	86.0	0.89	96.93	5661
PORT EVERGLADES	2	212	1061	200324	89.1	0.70	97.63	4796
RIVIERA	3	287	779	191412	85.6	0.67	98.29	4377
SANFORD	4	397	374	115495	77.8	0.40	98.70	1687
MARTIN	1	814	184	108531	72.5	0.38	99.08	1907
SANFORD	5	397	298	91445	77.3	0.32	99.39	1679
MANATEE	1	798	168	84182	62.8	0.29	99.69	2073
PORT EVERGLADES	1	211	338	59355	83.2	0.21	99.90	1438
FORT MYERS	1	143	110	13476	85.7	0.05	99.94	329
MARTIN	2	814	22	10224	57.1	0.04	99.98	162
FORT MYERS	(1-12)	47	41	1807	93.8	0.01	99.98	122
CUTLER	6	144	12	1644	95.1	0.01	99.99	27
SANFORD	3	145	12	1558	89.5	0.01	100.00	24
PORT EVERGLADES	(1-12)	29	3	72	82.8	0.00	100.00	2
CUTLER	5	71	7	452	90.9	0.00	100.00	8
LAUDERDALE GT	(1-24)	59	11	576	88.8	0.00	100.00	15
TOTALS				28646851		100.00	100.00	333450

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Docket No.: 950001-EI

FPL Witness: R. Silva

Exhibit No.:

Document 1 Page 2 of 28

TABLE 3.0

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

OCTOBER, 1995 THROUGH MARCH, 1996

Cape Canaveral Unit No. 1  
Cape Canaveral Unit No. 2

Ft. Lauderdale Unit No. 4  
Ft. Lauderdale Unit No. 5

Ft. Myers Unit No. 2

Port Everglades Unit No. 3  
Port Everglades Unit No. 4

Putnam Unit No. 1  
Putnam Unit No. 2

St. John River Unit No. 1

Turkey Point Unit No. 1  
Turkey Point Unit No. 2  
Turkey Point Unit No. 3  
Turkey Point Unit No. 4

St. Lucie Unit No. 1  
St. Lucie Unit No. 2

Scherer Unit No. 4

GENERATING PERFORMANCE INCENTIVE FACTOR  
 REWARD/PENALTY TABLE ( ESTIMATED )  
 FLORIDA POWER & LIGHT COMPANY  
 PERIOD OF: OCTOBER 1995 THROUGH MARCH 1996

GENERATING PERFORMANCE INCENTIVE POINTS (GPIF)	FUEL SAVINGS/(LOSS) (\$000)	GENERATING PERFORMANCE INCENTIVE FACTOR (\$000)
+10	9490.20	8860.35
+ 9	8541.18	7974.32
+ 8	7592.16	7088.28
+ 7	6643.14	6202.25
+ 6	5694.12	5316.21
+ 5	4745.10	4430.18
+ 4	3796.08	3544.14
+ 3	2847.06	2658.11
+ 2	1898.04	1772.07
+ 1	949.02	886.04
0	0.00	0.00
- 1	( 939.78)	( 886.04)
- 2	( 1879.56)	( 1772.07)
- 3	( 2819.34)	( 2658.11)
- 4	( 3759.12)	( 3544.14)
- 5	( 4698.90)	( 4430.18)
- 6	( 5638.68)	( 5316.21)
- 7	( 6578.46)	( 6202.25)
- 8	( 7518.24)	( 7088.28)
- 9	( 8458.02)	( 7974.32)
-10	( 9397.80)	( 8860.35)

GENERATING PERFORMANCE INCENTIVE FACTOR  
CALCULATION OF MAXIMUM ALLOWED INCENTIVE DOLLARS

ESTIMATED

FLORIDA POWER & LIGHT COMPANY

PERIOD OF: OCTOBER 1995 THROUGH MARCH 1996

LINE 1	BEGINNING OF PERIOD BALANCE OF COMMON EQUITY END OF MONTH BALANCE OF COMMON EQUITY:	\$ 4338900000
LINE 2	MONTH OF OCTOBER 95	\$ 4312200000
LINE 3	MONTH OF NOVEMBER 95	\$ 4355000000
LINE 4	MONTH OF DECEMBER 95	\$ 4349800000
LINE 5	MONTH OF JANUARY 96	\$ 4365900000
LINE 6	MONTH OF FEBRUARY 96	\$ 4350800000
LINE 7	MONTH OF MARCH 96	\$ 4354800000
LINE 8	AVERAGE COMMON EQUITY FOR THE PERIOD (SUMMATION OF LINE 1 THROUGH LINE 7 DIVIDED BY 7 )	\$ 4346771000
LINE 9	25 BASIS POINTS	0.0025
LINE 10	REVENUE EXPANSION FACTOR	60.4525%
LINE 11	MAXIMUM ALLOWED INCENTIVE DOLLARS (LINE 8 TIMES LINE 9 DIVIDED BY LINE 10 TIMES 0.5)	\$ 8987984
LINE 12	JURISDICTIONAL SALES	34328330000 KWH
LINE 13	TOTAL SALES	34823876000 KWH
LINE 14	JURISDICTIONAL SEPARATION FACTOR (LINE 12 DIVIDED BY LINE 13)	98.58%
LINE 15	MAXIMUM ALLOWED JURISDICTIONAL INCENTIVE DOLLARS (LINE 11 TIMES LINE 14)	\$ 8860354

Issued By: Florida Power & Light Company

Docket No.: 950001-EI

FPL Witness: R. Silva

Exhibit No.:

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PAGE 1 OF 2

GPIF TARGET AND RANGE SUMMARY  
 FLORIDA POWER & LIGHT COMPANY  
 PERIOD OF: OCTOBER 1995 THROUGH MARCH 1996

PLANT/UNIT		WEIGHTING FACTOR (%)	EAF	EAF RANGE		MAX. FUEL	MAX. FUEL
			TARGET (%)	MAX. (%)	MIN. (%)	SAVINGS (\$000)	LOSS (\$000)
CAPE CANAVERAL	1	0.17	91.1	94.1	88.1	16.0	0.7
CAPE CANAVERAL	2	0.36	90.8	93.8	87.8	33.8	4.7
LAUDERDALE	4	1.65	87.7	89.7	85.7	156.9	130.0
LAUDERDALE	5	1.38	87.7	89.7	85.7	130.5	135.9
FORT MYERS	2	0.32	94.1	96.6	91.6	30.7	8.5
PORT EVERGLADES	3	0.33	83.1	86.1	80.1	30.9	30.9
PORT EVERGLADES	4	0.18	96.0	98.0	94.0	17.0	17.0
PUTNAM	1	0.51	96.0	98.0	94.0	48.1	18.6
PUTNAM	2	0.37	95.3	97.3	93.3	34.9	15.5
ST. JOHNS RIVER	1	1.83	96.0	98.0	94.0	173.6	190.0
TURKEY POINT	1	0.11	82.9	84.9	80.9	10.1	10.1
TURKEY POINT	2	0.13	95.2	97.2	93.2	12.1	12.1
TURKEY POINT	3	11.87	79.8	82.8	76.8	1126.6	1134.3
TURKEY POINT	4	12.09	76.8	79.8	73.8	1147.5	1136.0
ST. LUCIE	1	17.29	89.6	92.6	86.6	1640.4	1667.2
ST. LUCIE	2	14.44	58.8	62.3	55.3	1370.2	1385.4
SCHERER	4	<u>0.54</u>	96.0	98.0	94.0	<u>51.2</u>	<u>74.8</u>
		63.54				6030.5	5971.7

Issued By: Florida Power &amp; Light Company

Docket No.: 950001-EI

FPL Witness: R. Silva

Exhibit No.:

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## GPIF TARGET AND RANGE SUMMARY

FLORIDA POWER & LIGHT COMPANY  
PERIOD OF: OCTOBER 1995 THROUGH MARCH 1996

PLANT/UNIT	WEIGHTING FACTOR	ANOHR TARGET		ANOHR RANGE		MAX. FUEL (\$000)	MAX. FUEL (\$000)
		BTU/KWH	NOF	MIN. SAVINGS	MAX. LOSS		
CAPE CANAVERAL 1	1.93	9330	81.7	9113	9547	182.7	182.7
CAPE CANAVERAL 2	0.84	9436	82.0	9264	9608	80.1	80.1
LAUDERDALE 4	1.79	7288	102.7	7140	7436	170.2	170.2
LAUDERDALE 5	1.79	7248	103.0	7101	7395	170.1	170.1
FORT MYERS 2	1.03	9308	85.0	9186	9430	97.4	97.4
PORT EVERGLADES 3	1.48	9133	91.4	9000	9266	140.6	140.6
PORT EVERGLADES 4	3.49	9132	85.7	8891	9373	331.6	331.6
PUTNAM 1	1.01	8777	98.4	8624	8930	95.6	95.6
PUTNAM 2	1.55	8596	102.1	8411	8781	147.1	147.1
ST. JOHNS RIVER 1	0.83	9335	98.8	9163	9507	78.5	78.5
TURKEY POINT 1	0.79	9279	83.0	9126	9432	74.6	74.6
TURKEY POINT 2	2.41	9524	80.9	9298	9750	228.4	228.4
TURKEY POINT 3	2.44	10874	103.2	10745	11003	231.3	212.9
TURKEY POINT 4	4.27	10912	102.6	10728	11096	404.8	389.0
ST. LUCIE 1	2.95	10828	101.4	10700	10956	279.8	251.0
ST. LUCIE 2	4.81	10856	101.6	10615	11097	456.4	485.8
SCHERER 4	3.06	9939	88.6	9796	10082	290.5	290.5
GPIF SYSTEM :	36.46					3459.7	3426.1



DERIVATION OF WEIGHT FACTORS  
FLORIDA POWER & LIGHT COMPANY  
PERIOD OF: OCTOBER 1995 THROUGH MARCH 1996

PRODUCTION COSTING SIMULATION  
FUEL COST (\$000)

UNIT PERFORMANCE INDICATOR			AT TARGET (1)	AT MAXIMUM IMPROVEMENT (2)	SAVINGS (3)	FACTOR (% OF SAVINGS)
CAPE CANAVERAL	1	EA	333450	333434.0	16.0	0.17
		AHR	333450	333267.2	182.7	1.93
CAPE CANAVERAL	2	EA	333450	333416.2	33.8	0.36
		AHR	333450	333369.8	80.1	0.84
LAUDERDALE	4	EA	333450	333293.1	156.9	1.65
		AHR	333450	333279.8	170.2	1.79
LAUDERDALE	5	EA	333450	333319.5	130.5	1.38
		AHR	333450	333279.8	170.1	1.79
FORT MYERS	2	EA	333450	333419.2	30.7	0.32
		AHR	333450	333352.6	97.4	1.03
PORT EVERGLADES	3	EA	333450	333419.1	30.9	0.33
		AHR	333450	333309.4	140.6	1.48
PORT EVERGLADES	4	EA	333450	333433.0	17.0	0.18
		AHR	333450	333118.3	331.6	3.49
PUTNAM	1	EA	333450	333401.9	48.1	0.51
		AHR	333450	333354.4	95.6	1.01
PUTNAM	2	EA	333450	333415.1	34.9	0.37
		AHR	333450	333302.8	147.1	1.55
ST. JOHNS RIVER	1	EA	333450	333276.4	173.6	1.83
		AHR	333450	333371.5	78.5	0.83
TURKEY POINT	1	EA	333450	333439.9	10.1	0.11
		AHR	333450	333375.4	74.6	0.79
TURKEY POINT	2	EA	333450	333437.9	12.1	0.13
		AHR	333450	333221.6	228.4	2.41
TURKEY POINT	3	EA	333450	332323.4	1126.6	11.87
		AHR	333450	333218.7	231.3	2.44
TURKEY POINT	4	EA	333450	332302.5	1147.5	12.09
		AHR	333450	333045.2	404.8	4.27
ST. LUCIE	1	EA	333450	331809.6	1640.4	17.29
		AHR	333450	333170.2	279.8	2.95
ST. LUCIE	2	EA	333450	332079.7	1370.2	14.44
		AHR	333450	332993.6	456.4	4.81
SCHERER	4	EA	333450	333398.7	51.2	0.54
		AHR	333450	333159.5	290.5	3.06
TOTAL:					9490.2	100.00

(1) FUEL ADJUSTMENT BASE CASE - ALL UNIT PERFORMANCE INDICATORS AT TARGET  
(2) ALL OTHER UNIT PERFORMANCE AT TARGET  
(3) EXPRESSED IN REPLACEMENT ENERGY COSTS.

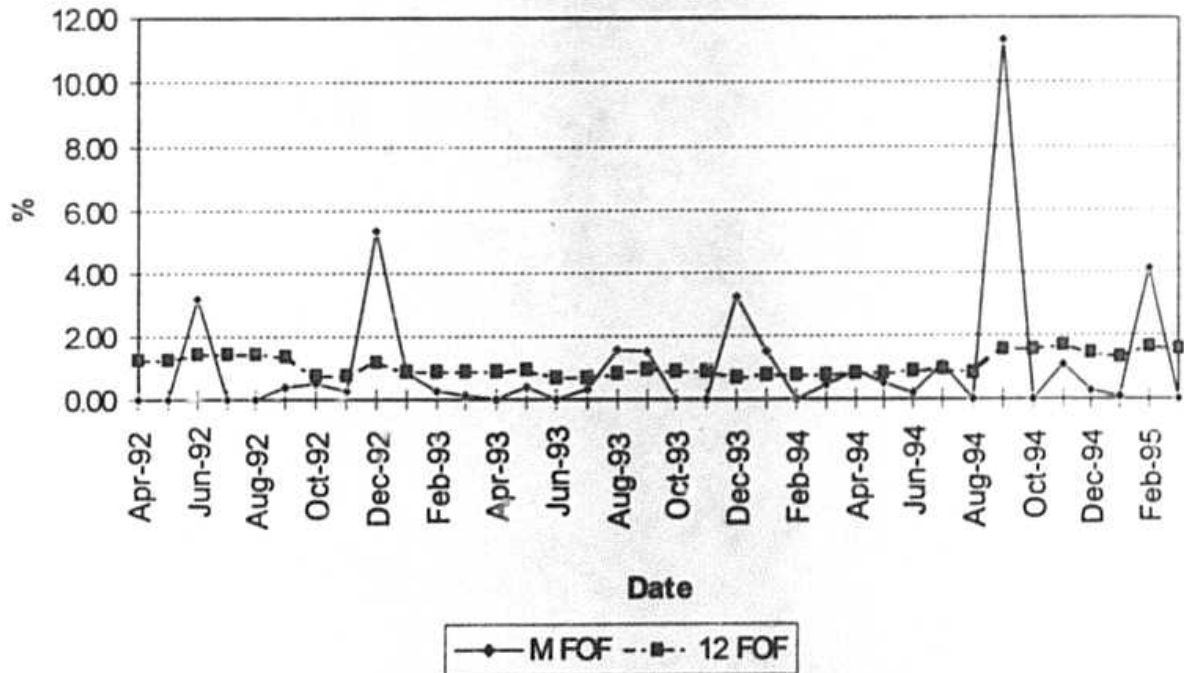
## ESTIMATED UNIT PERFORMANCE DATA

## FLORIDA POWER &amp; LIGHT COMPANY

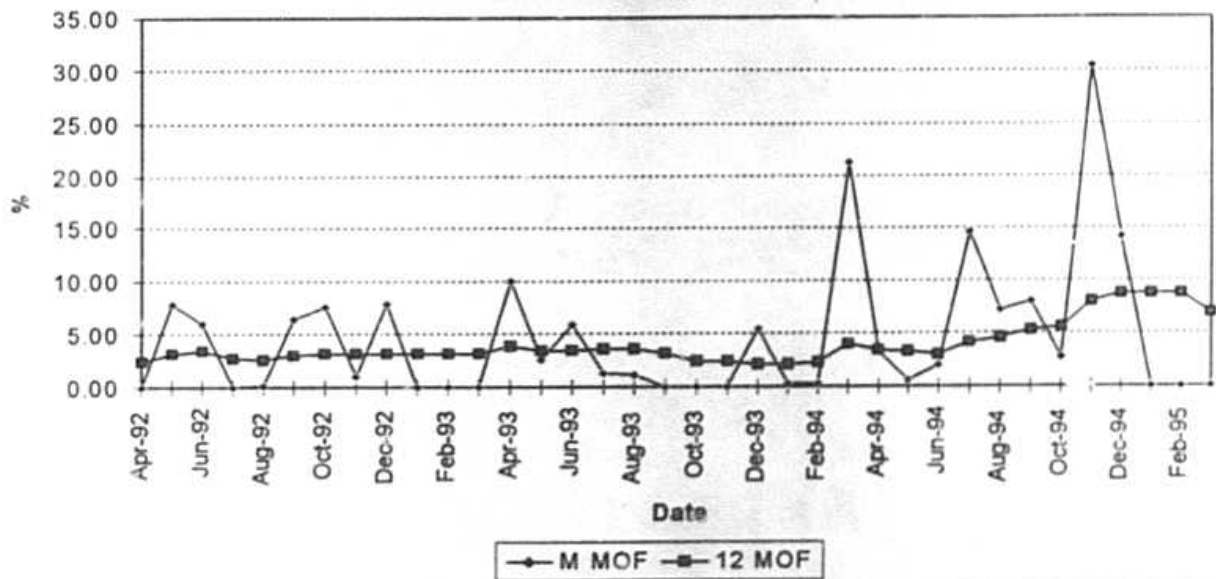
PERIOD OF: OCTOBER, 1995 THROUGH MARCH, 1996

<u>Plant/Unit</u>	<u>EAF</u>	<u>EPOF</u>	<u>EUOF</u>	<u>EUOR</u>	<u>PH</u>	<u>SH</u>	<u>RSH</u>	<u>UH</u>	<u>POH &amp; EPOH</u>	<u>FOH &amp; EFOH</u>	<u>MOH &amp; EMOH</u>	<u>NET GEN</u>
CAPE CANAVERAL 1	91.1	0.0	8.9	16.8	4393	1938	2064.0	391.0	0.0	87.9	303.1	628517
CAPE CANAVERAL 2	90.8	0.0	9.2	20.6	4393	1558	2430.8	404.2	0.0	87.9	316.3	506962
LAUDERDALE 4	87.7	8.7	3.6	4.5	4393	3321	531.6	540.4	382.2	79.1	79.1	1466387
LAUDERDALE 5	87.7	8.7	3.6	4.5	4393	3379	473.6	540.4	382.2	79.1	79.1	1496325
FORT MYERS 2	94.1	0.0	5.9	9.5	4393	2469	1664.8	259.2	0.0	171.3	87.9	820567
PORT EVERGLADES 3	83.1	8.7	8.2	10.9	4393	2943	707.6	742.4	382.2	180.1	180.1	1046725
PORT EVERGLADES 4	96.0	0.0	4.0	6.1	4393	2704	1513.3	175.7	0.0	87.9	87.9	894663
PUTNAM 1	96.0	0.0	4.0	5.0	4393	3335	862.3	175.7	0.0	87.9	87.9	788734
PUTNAM 2	95.3	0.0	4.7	5.6	4393	3497	689.5	206.5	0.0	118.6	87.9	853138
ST. JOHNS RIVER 1	96.0	0.0	4.0	4.0	4393	4217	0.0	175.7	0.0	87.9	87.9	500488
TURKEY POINT 1	82.9	3.4	3.4	8.7	4393	1562	2079.8	751.2	601.8	74.7	74.7	522197
TURKEY POINT 2	95.2	0.0	4.8	8.0	4393	2414	1768.1	210.9	0.0	87.9	123.0	787324
TURKEY POINT 3	79.8	14.8	5.4	6.3	4393	3506	0.0	887.4	650.2	118.6	118.6	2423017
TURKEY POINT 4	76.8	16.9	6.3	7.6	4393	3374	0.0	1019.1	742.4	158.1	118.6	2406407
ST. LUCIE 1	89.6	3.3	7.1	7.3	4393	3936	0.0	456.9	145.0	136.2	175.7	3467195
ST. LUCIE 2	58.6	29.0	12.2	17.2	4393	2583	0.0	1809.9	1274.0	434.9	101.0	2130871
SCHERER 4	96.0	0.0	4.0	4.0	4393	4217	0.0	175.7	0.0	87.9	87.9	2361177

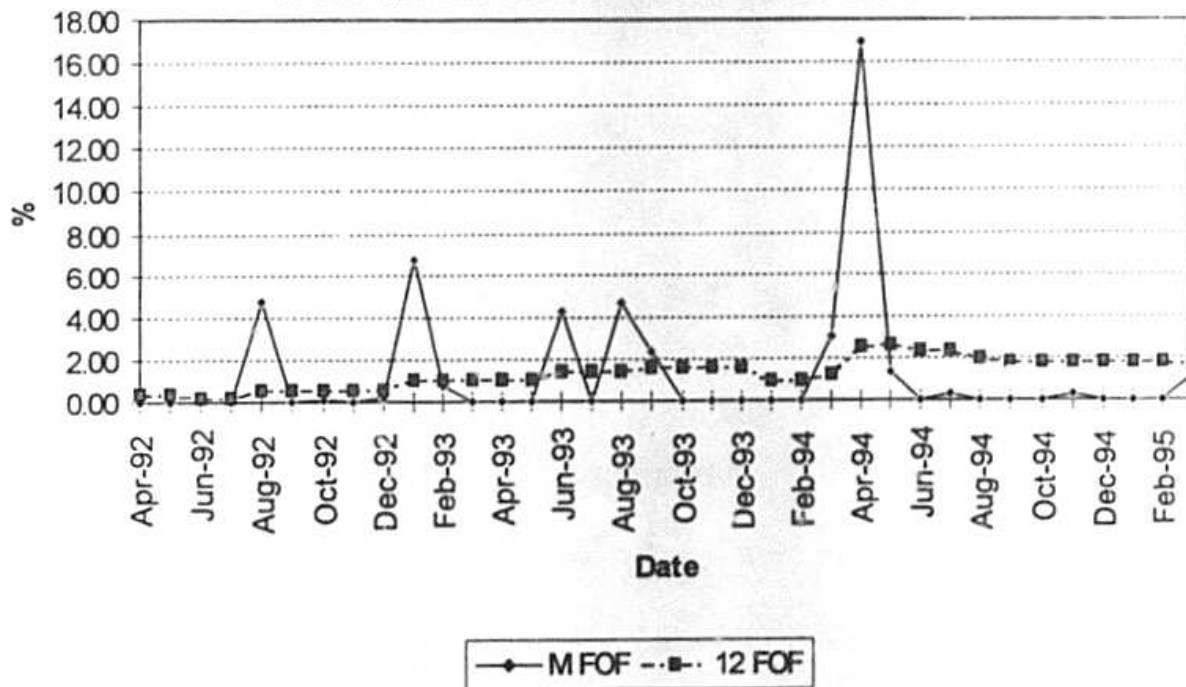
## PCC 1 FORCED OUTAGE FACTOR



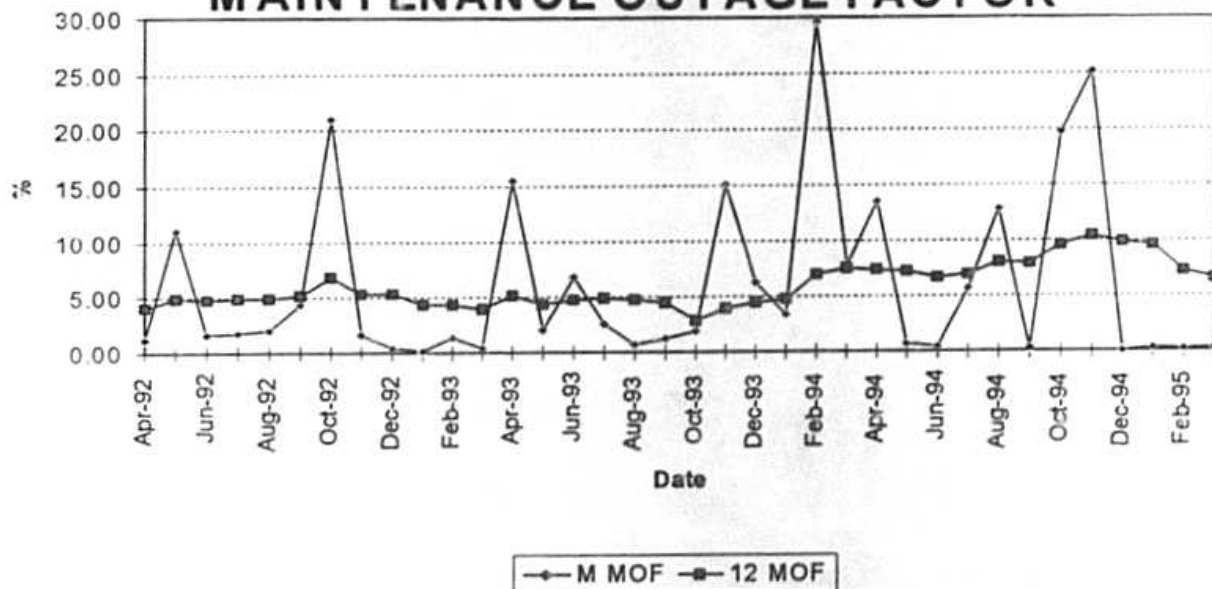
## MAINTENANCE OUTAGE FACTOR



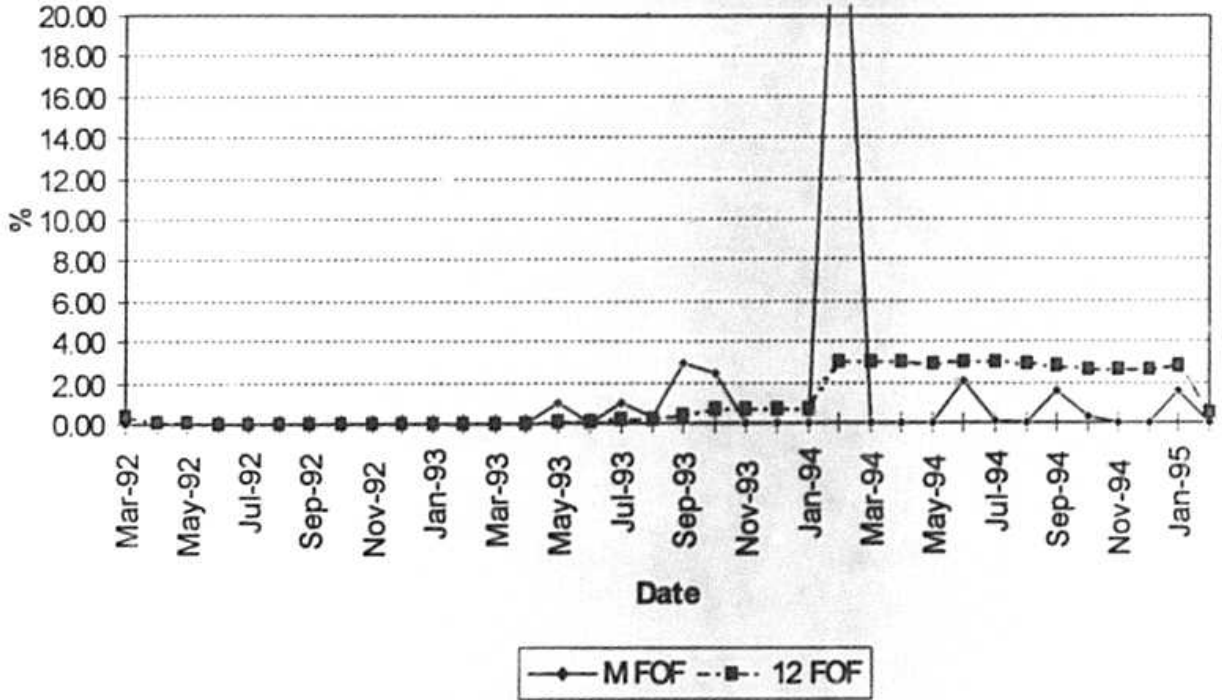
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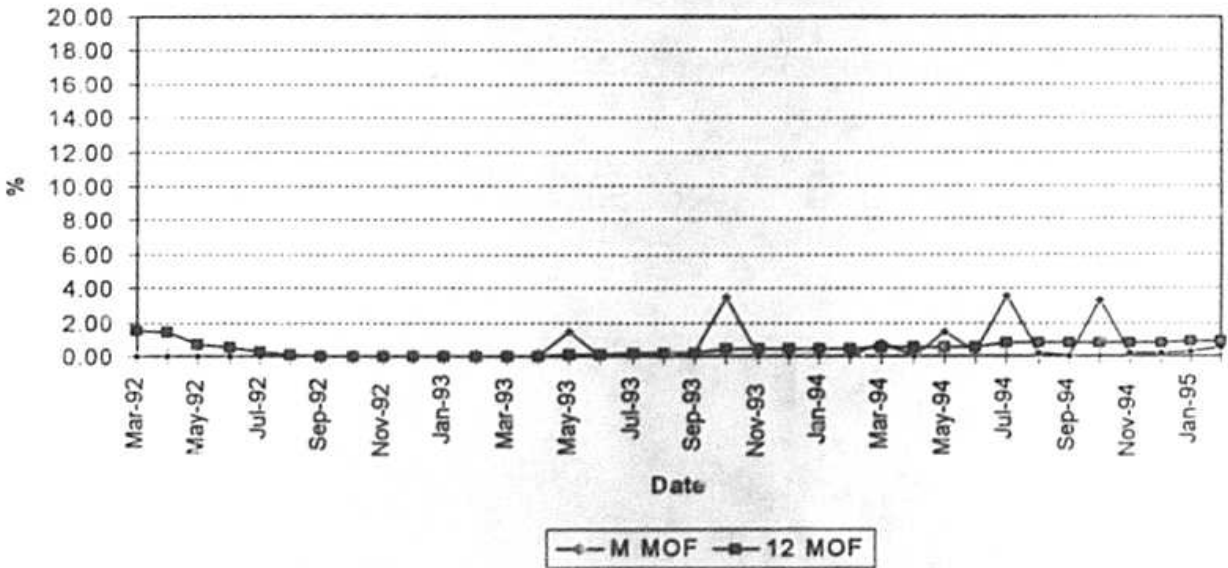
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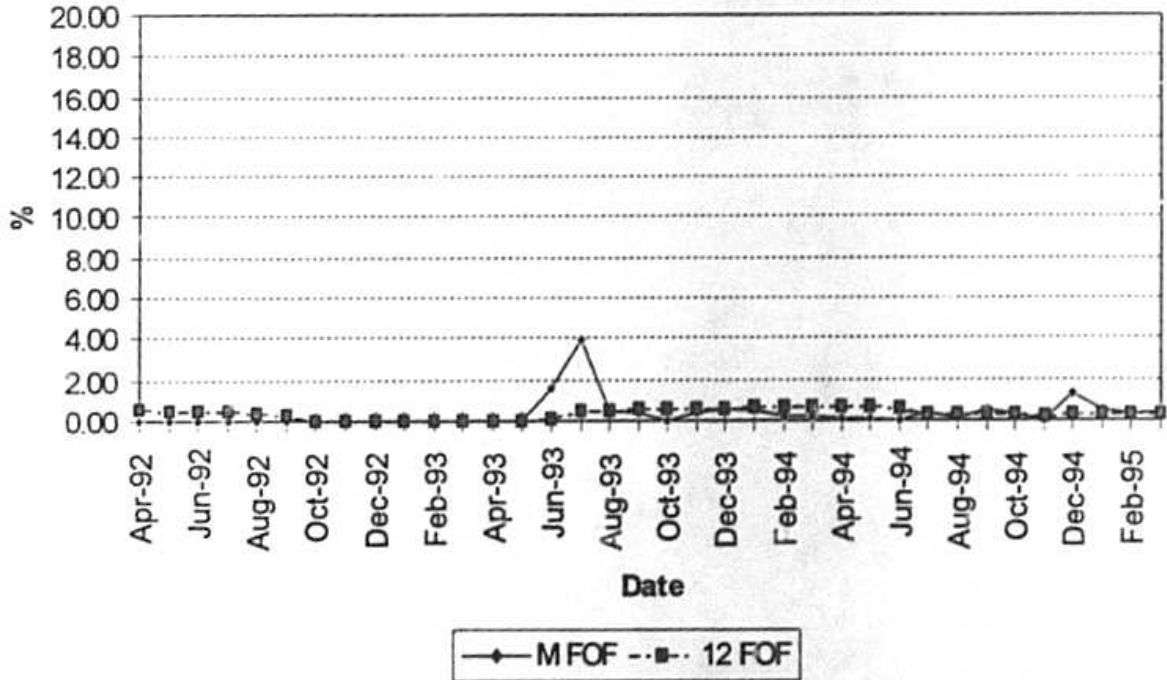
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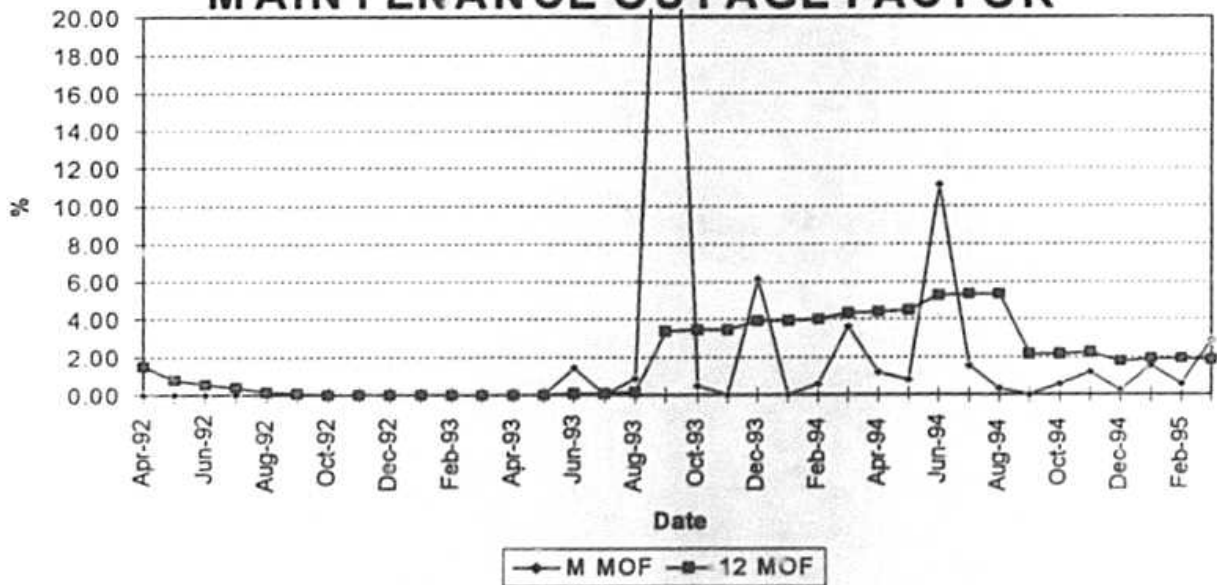
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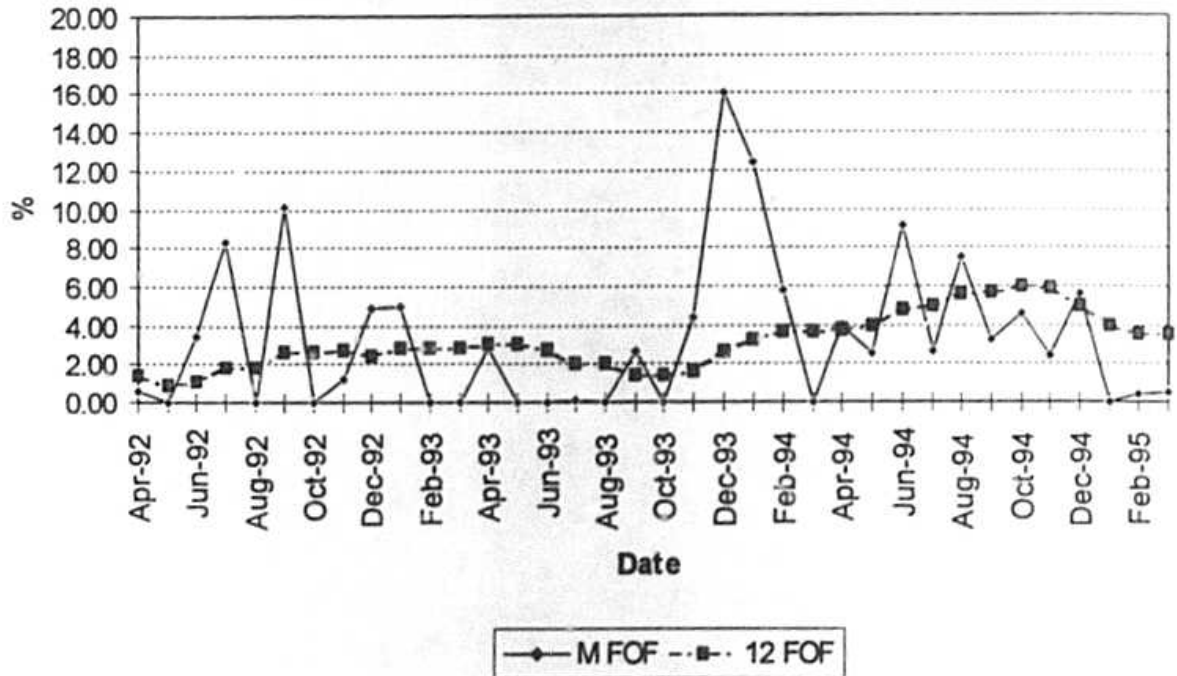
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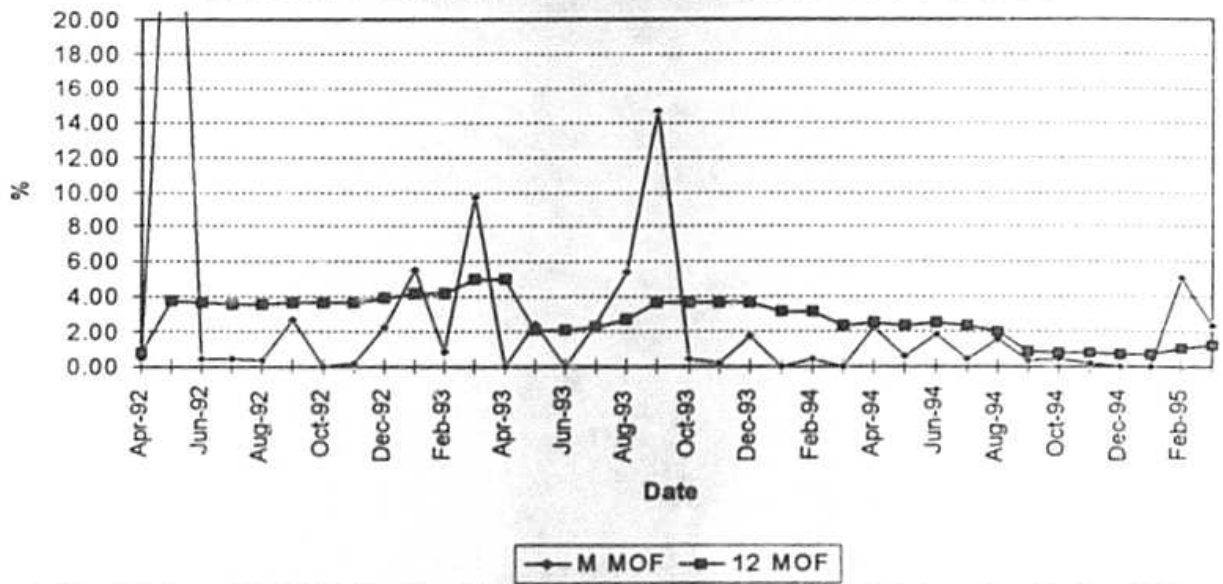
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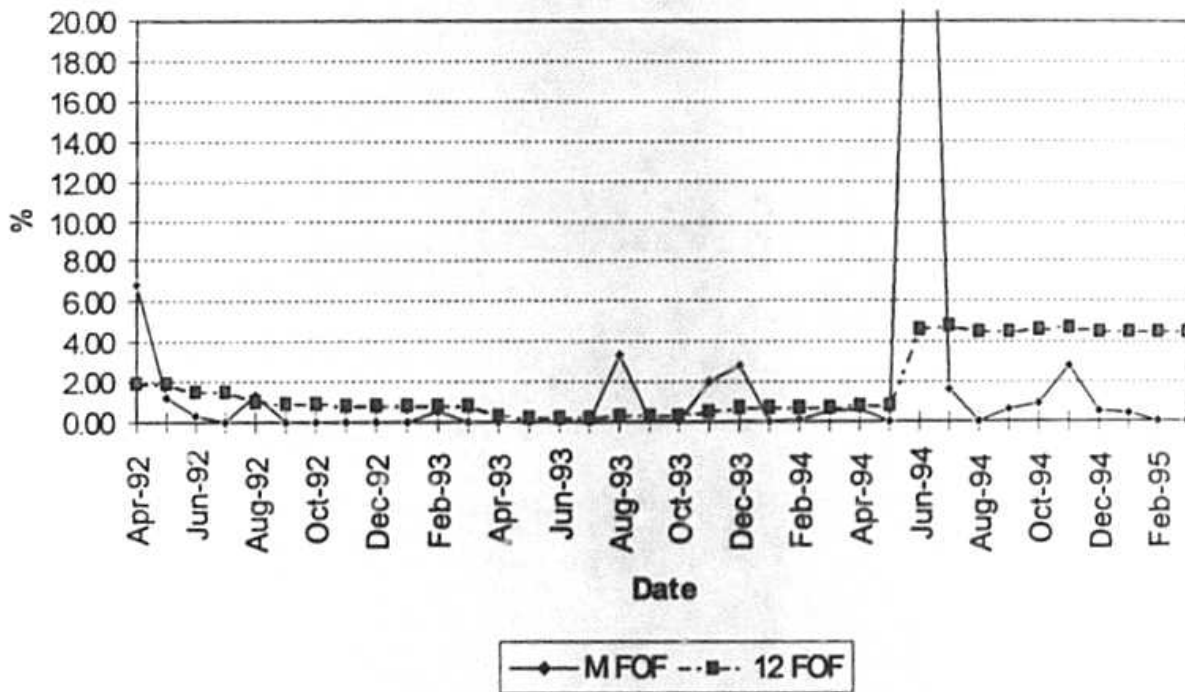
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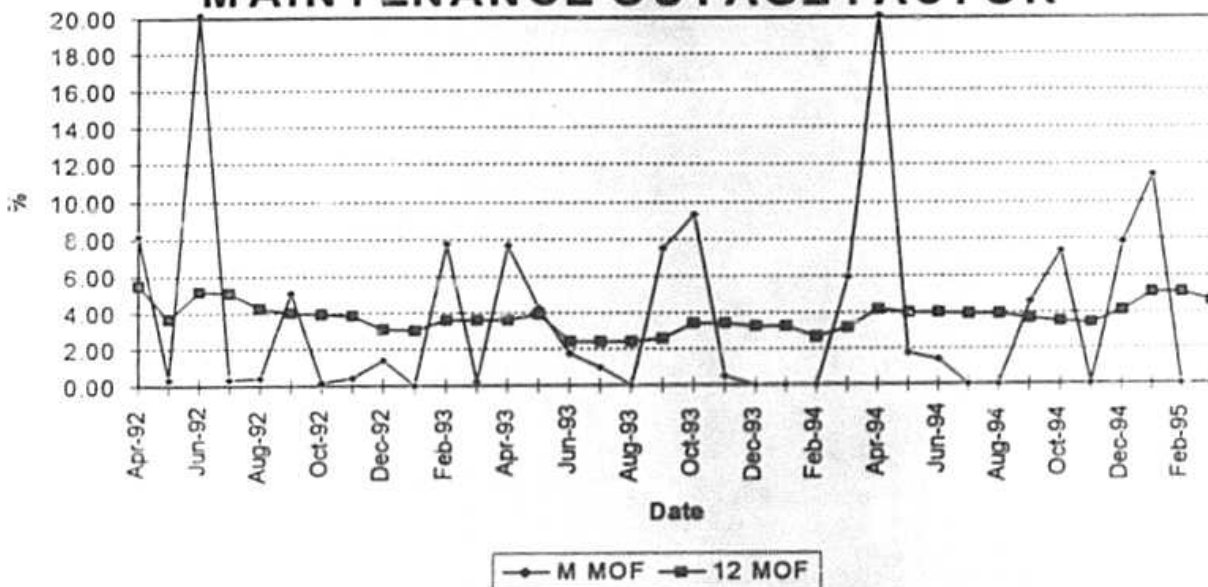
## MAINTENANCE OUTAGE FACTOR



# PPE 3 FORCED OUTAGE FACTOR

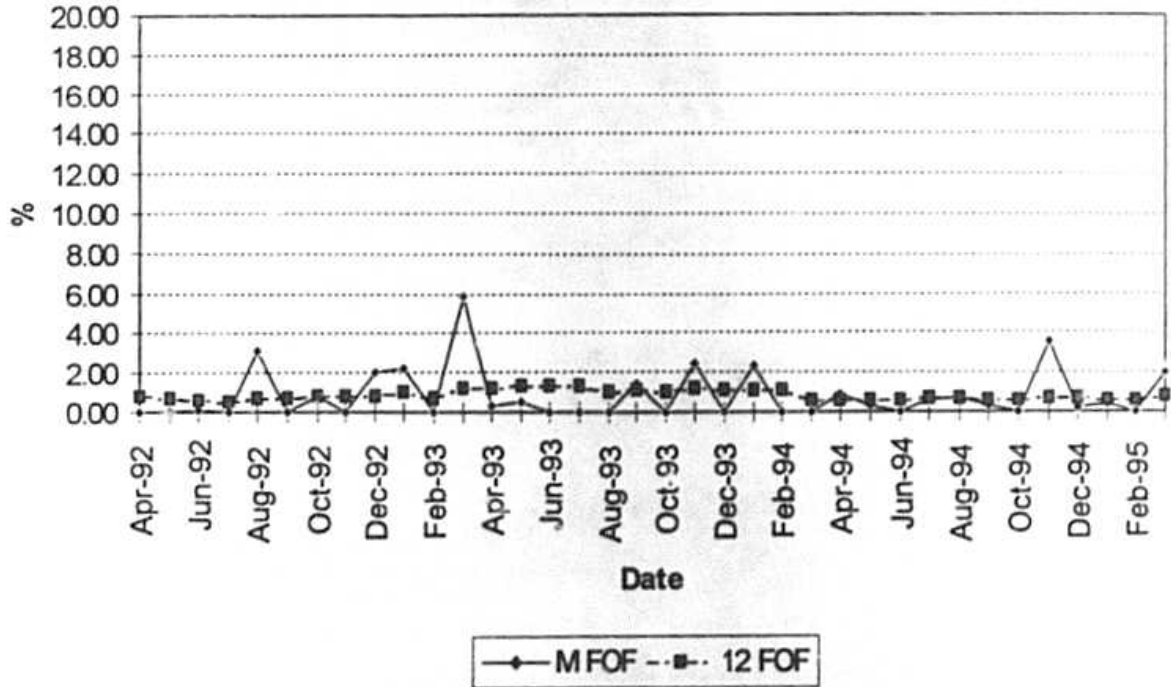


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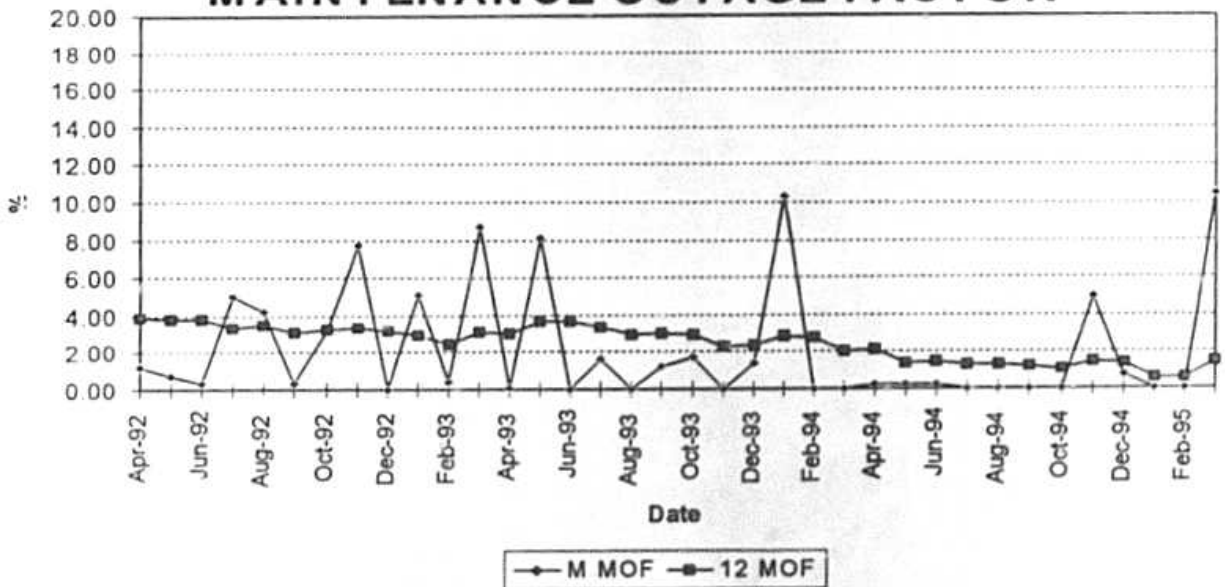




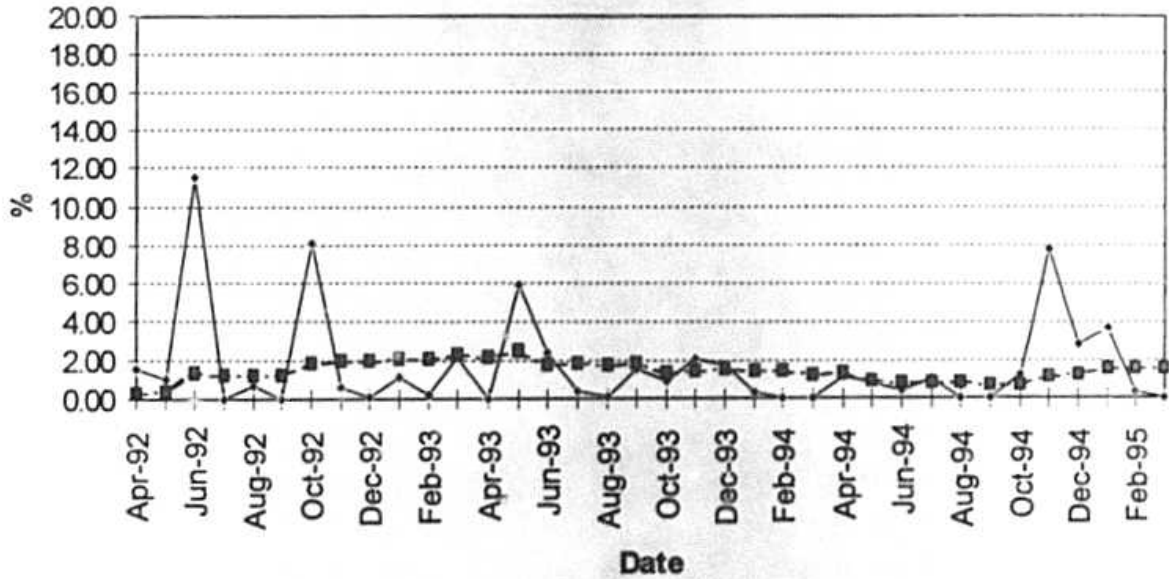
# PPE 4 FORCED OUTAGE FACTOR



# MAINTENANCE OUTAGE FACTOR

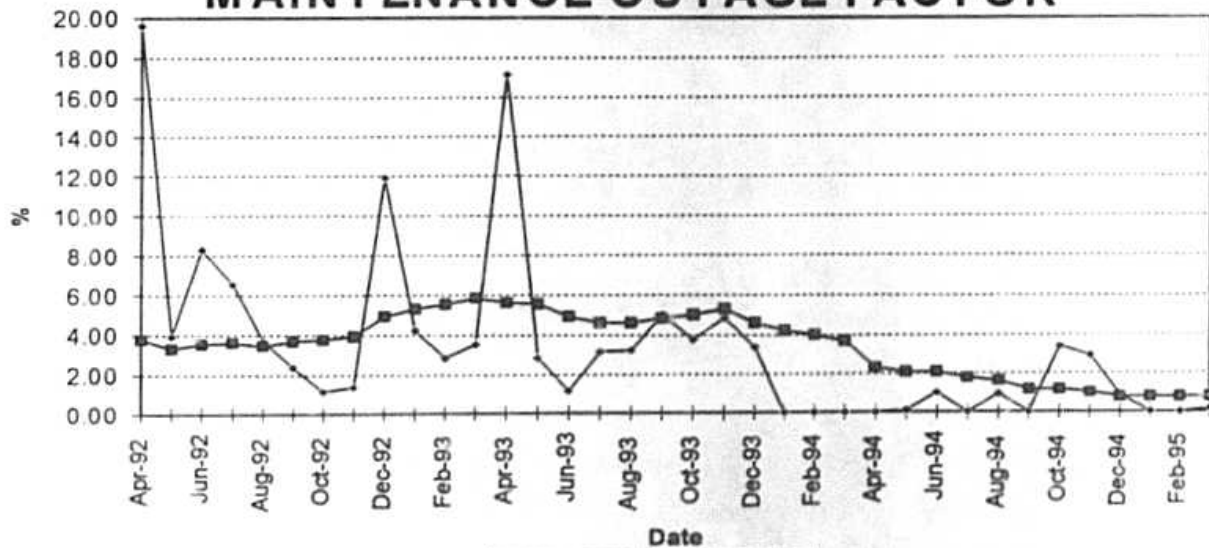


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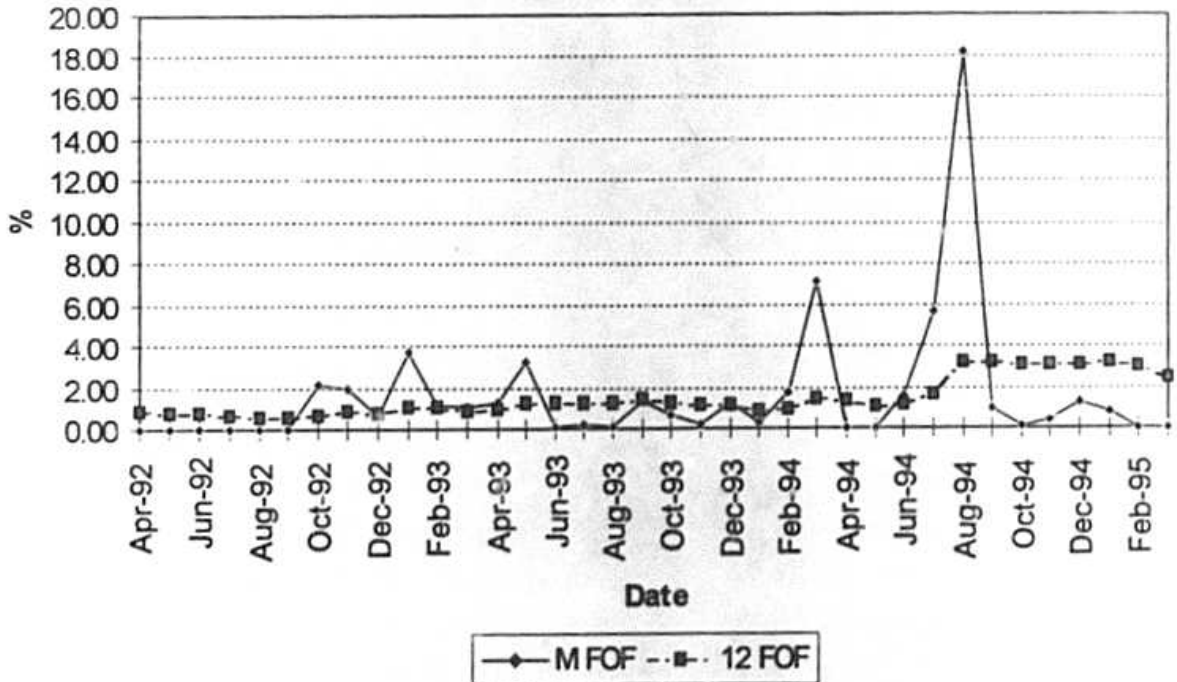
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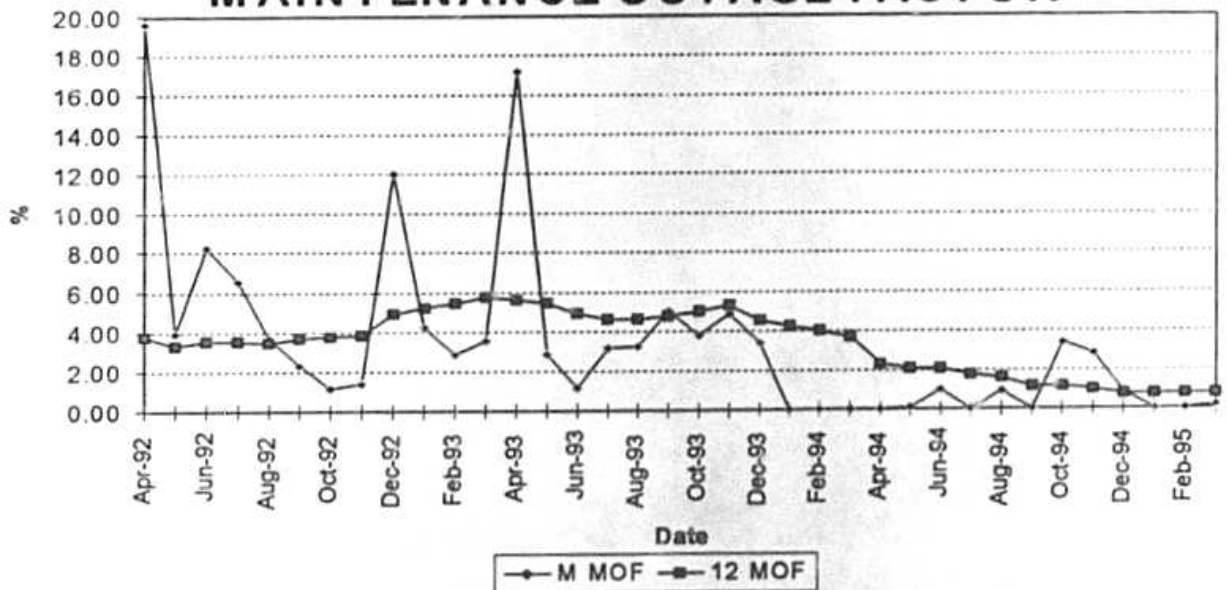


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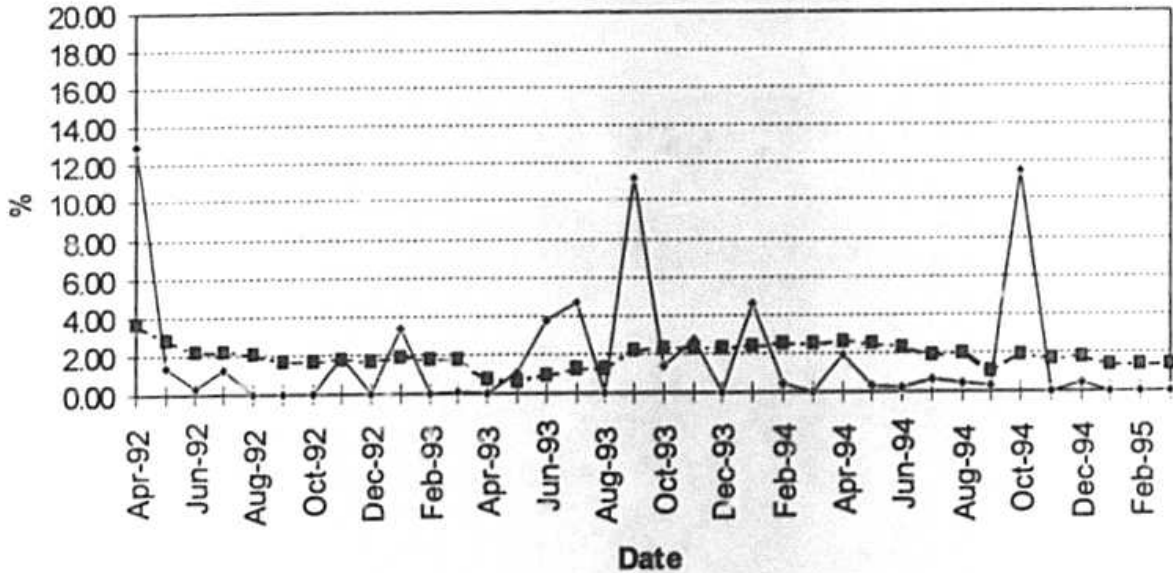
## PPN 2 FORCED OUTAGE FACTOR



## MAINTENANCE OUTAGE FACTOR

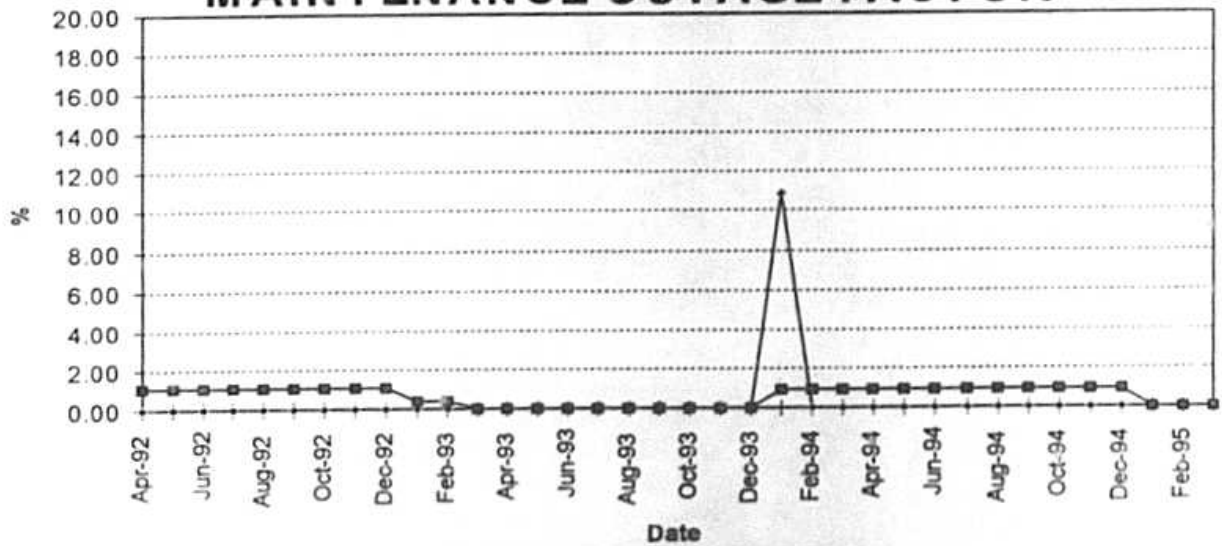


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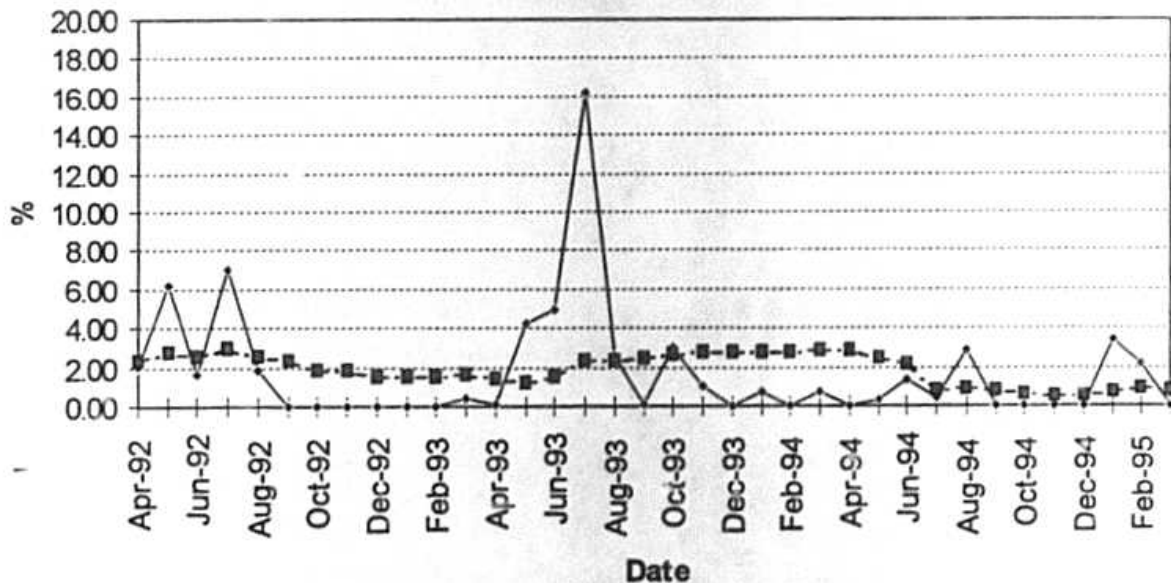
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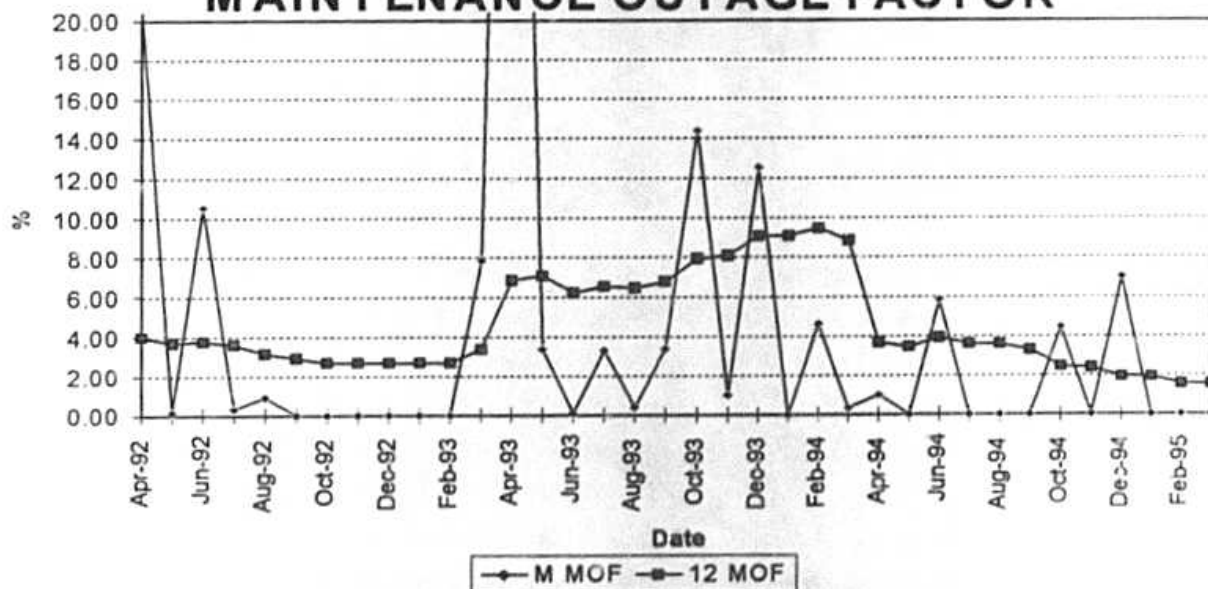


—◆— M MOF    - - -■- - 12 MOF

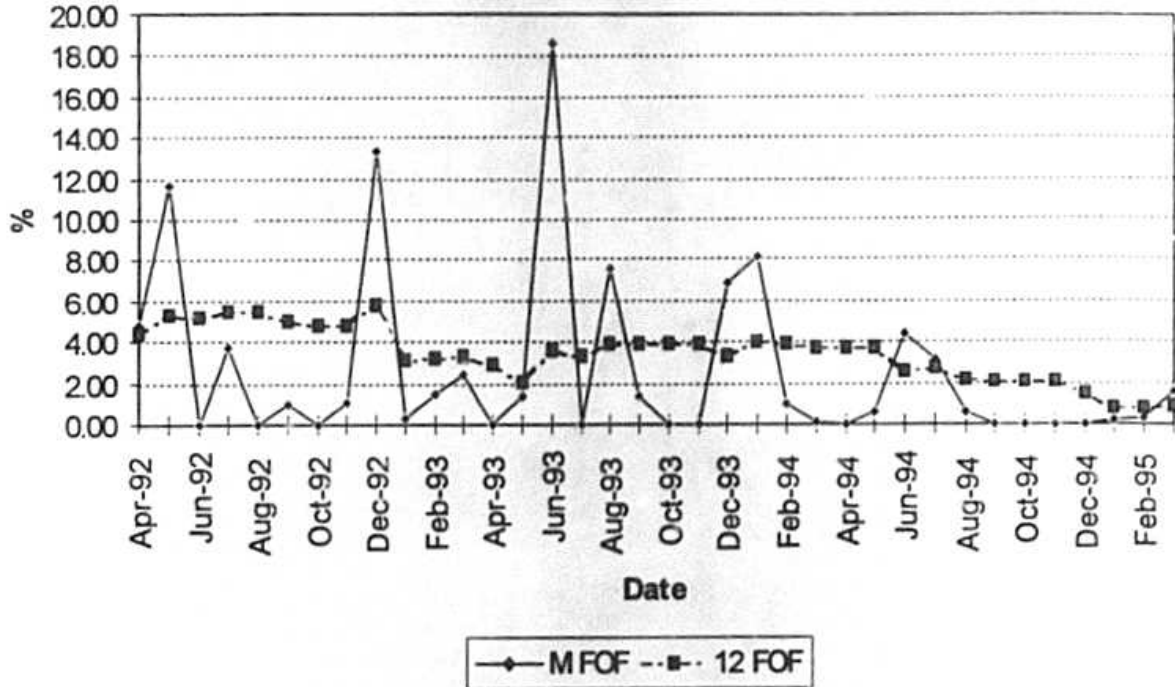
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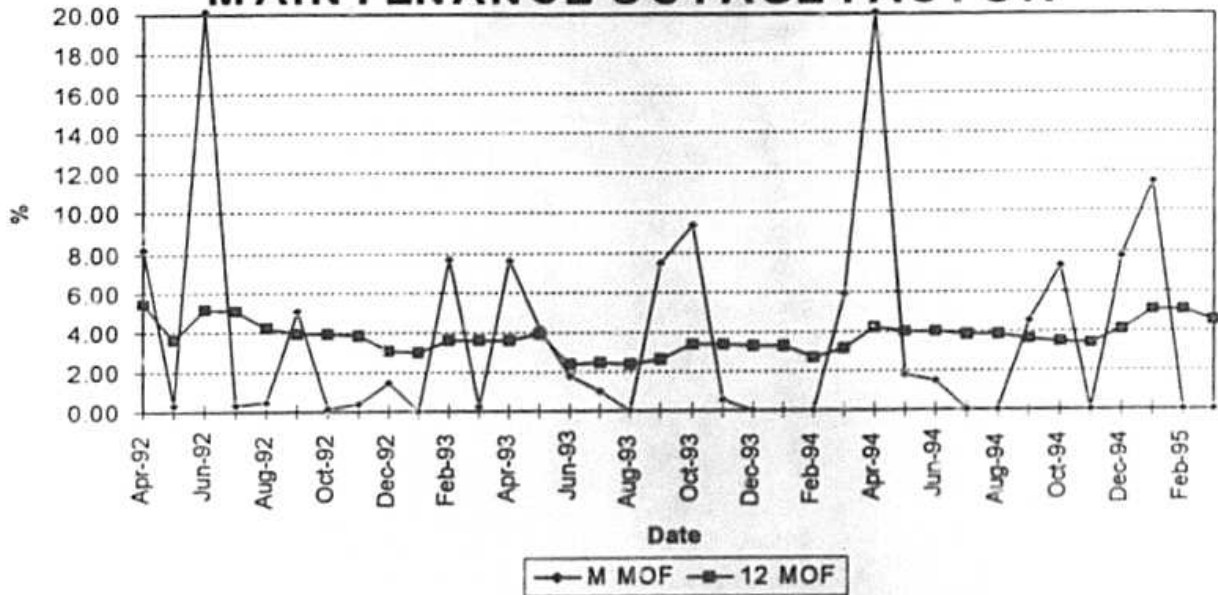
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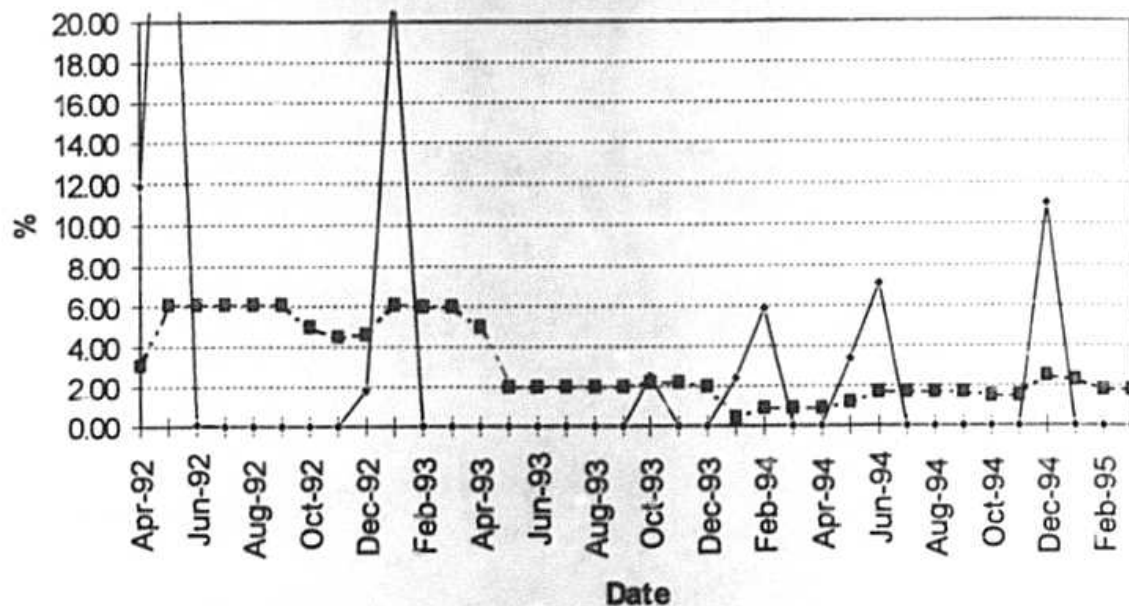
## PTP 2 FORCED OUTAGE FACTOR



## MAINTENANCE OUTAGE FACTOR

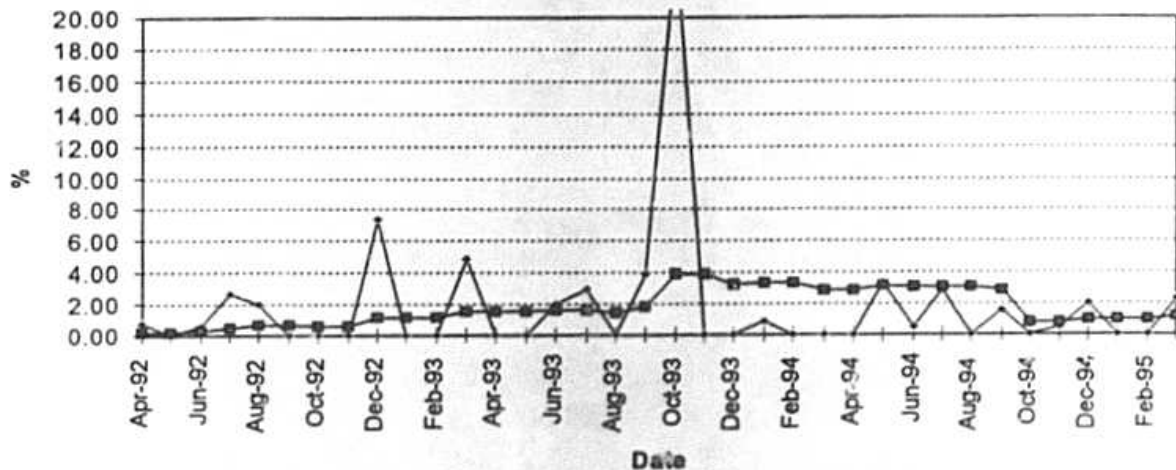


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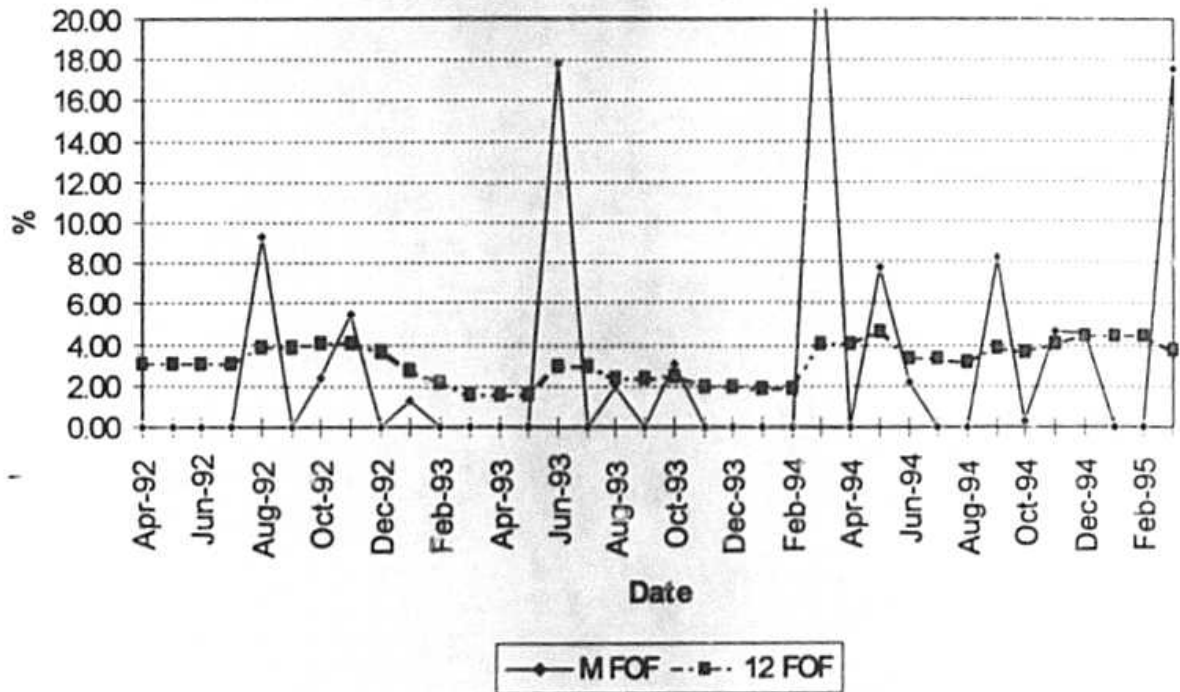
—◆— MFOF    - - ■ - - 12 FOF

## MAINTENANCE OUTAGE FACTOR

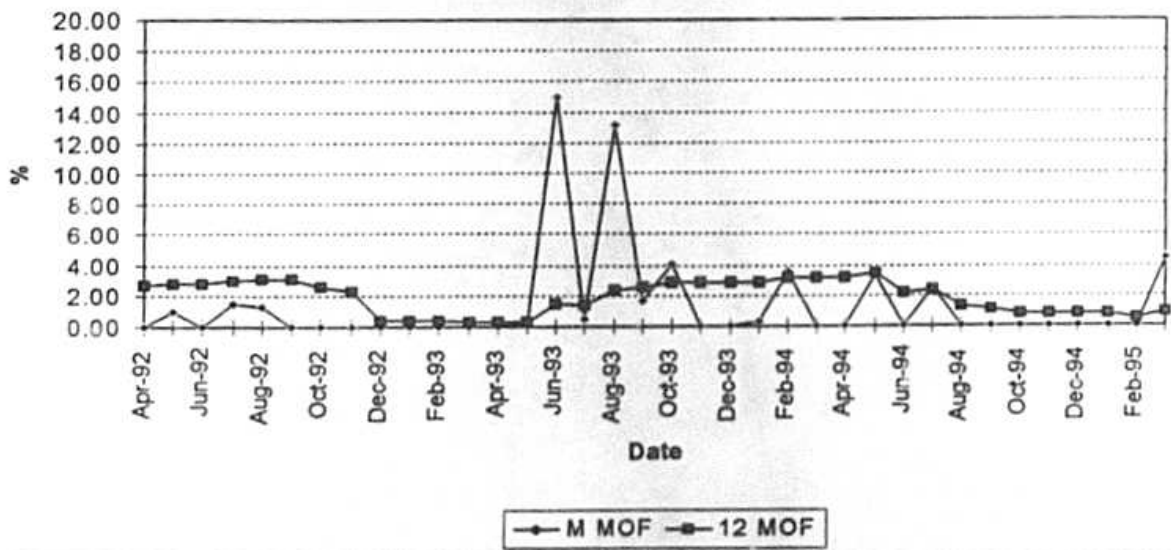


—◆— M MOF    - - ■ - - 12 MOF

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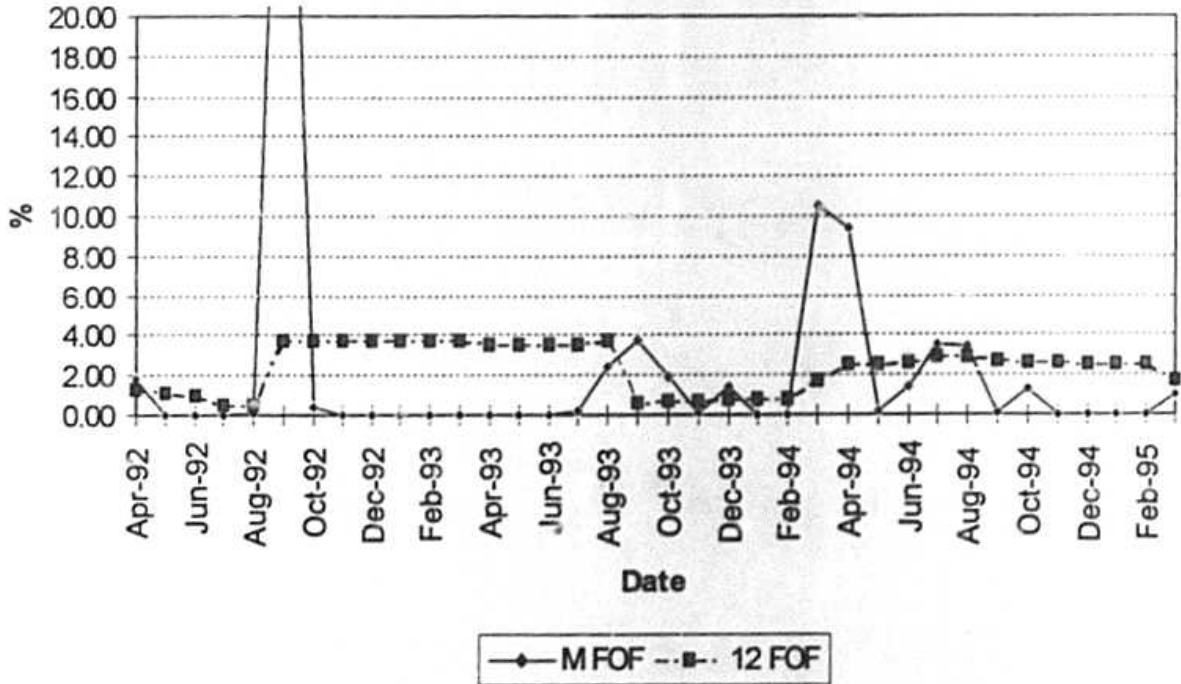


# MAINTENANCE OUTAGE FACTOR

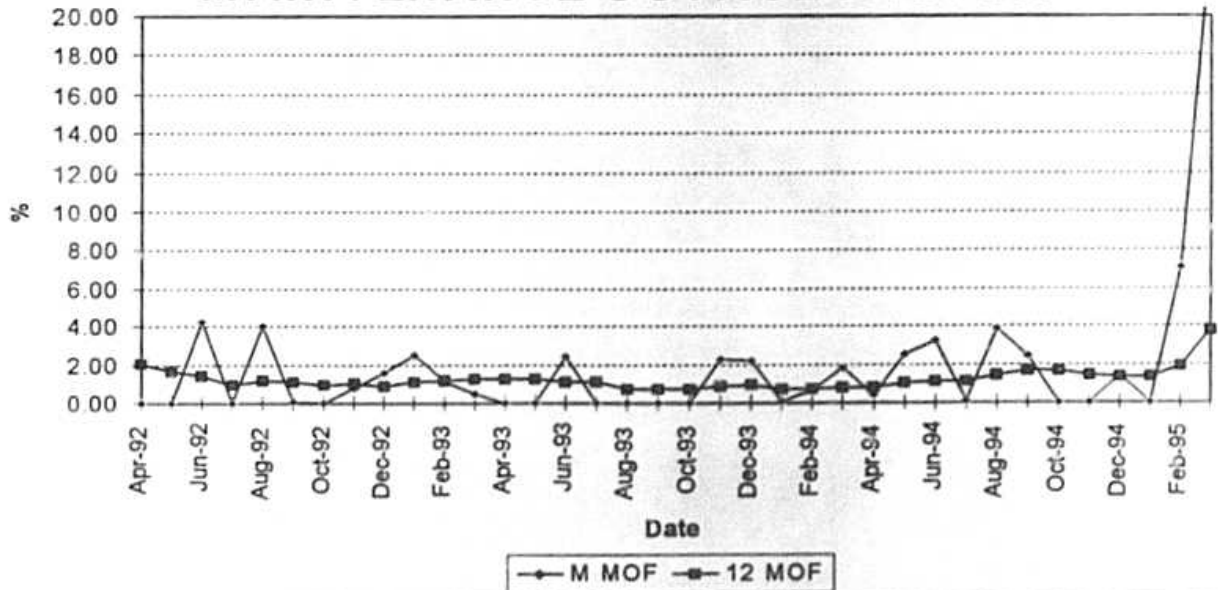




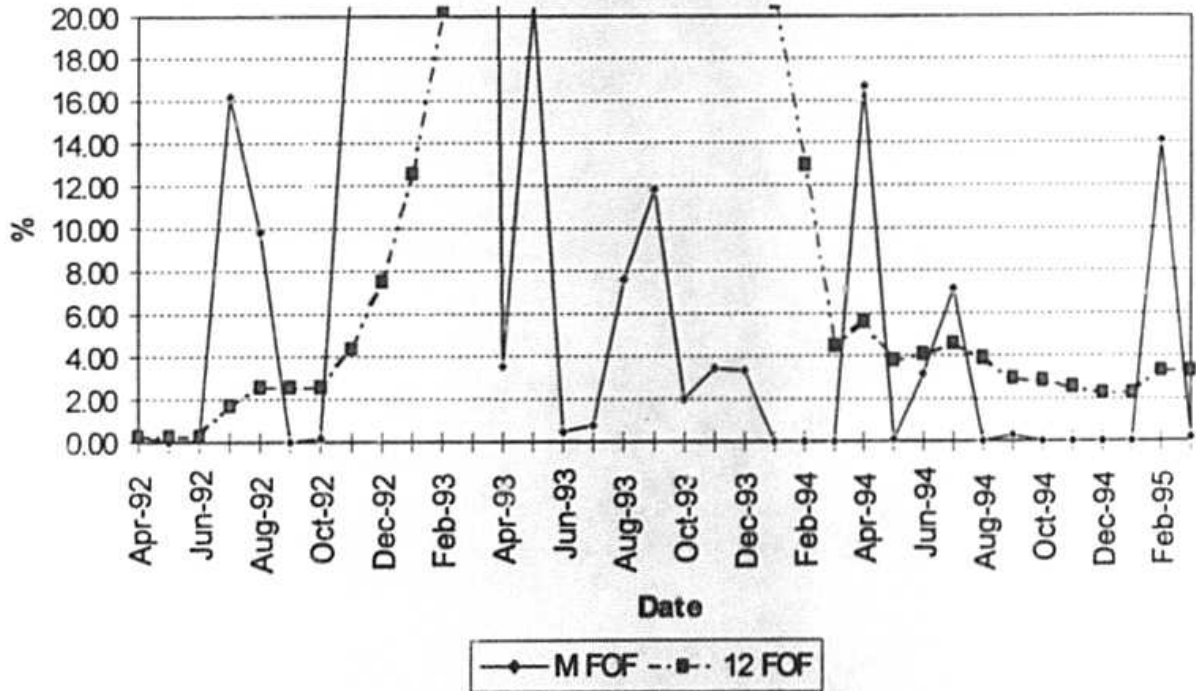
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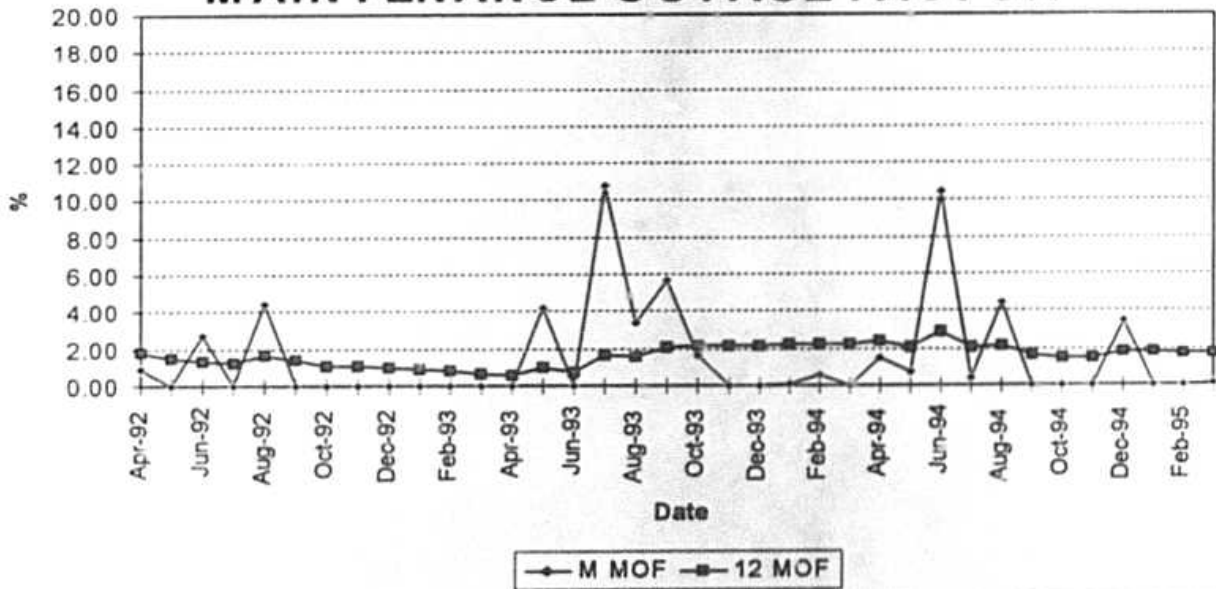
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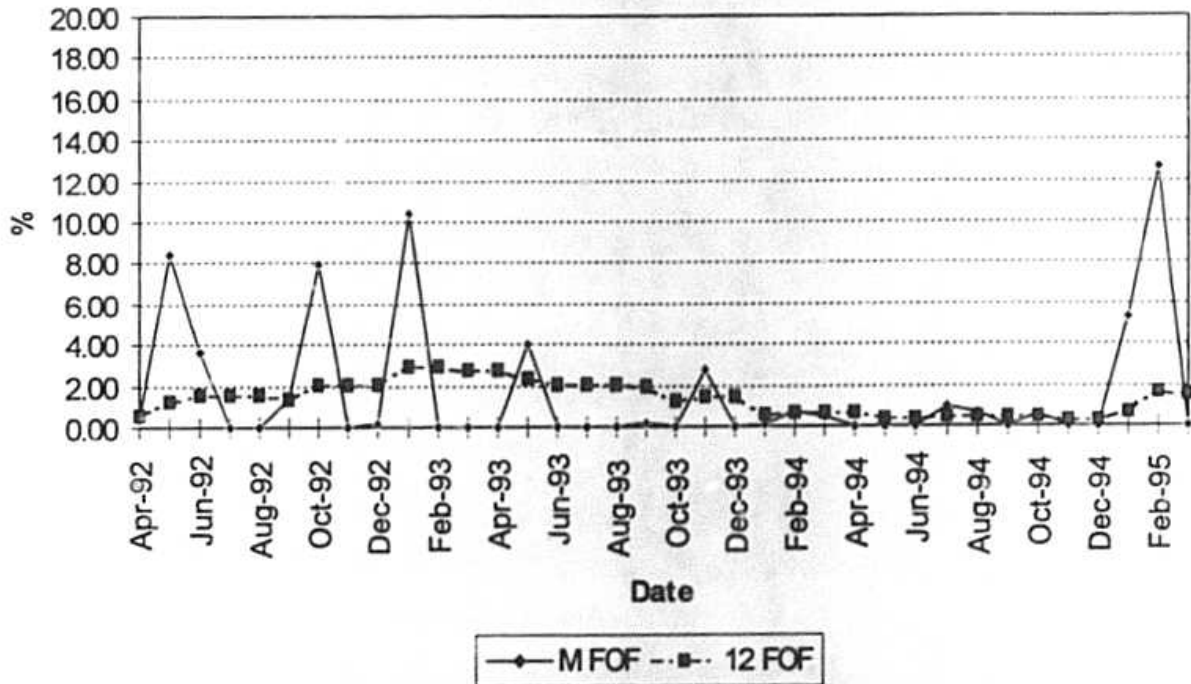
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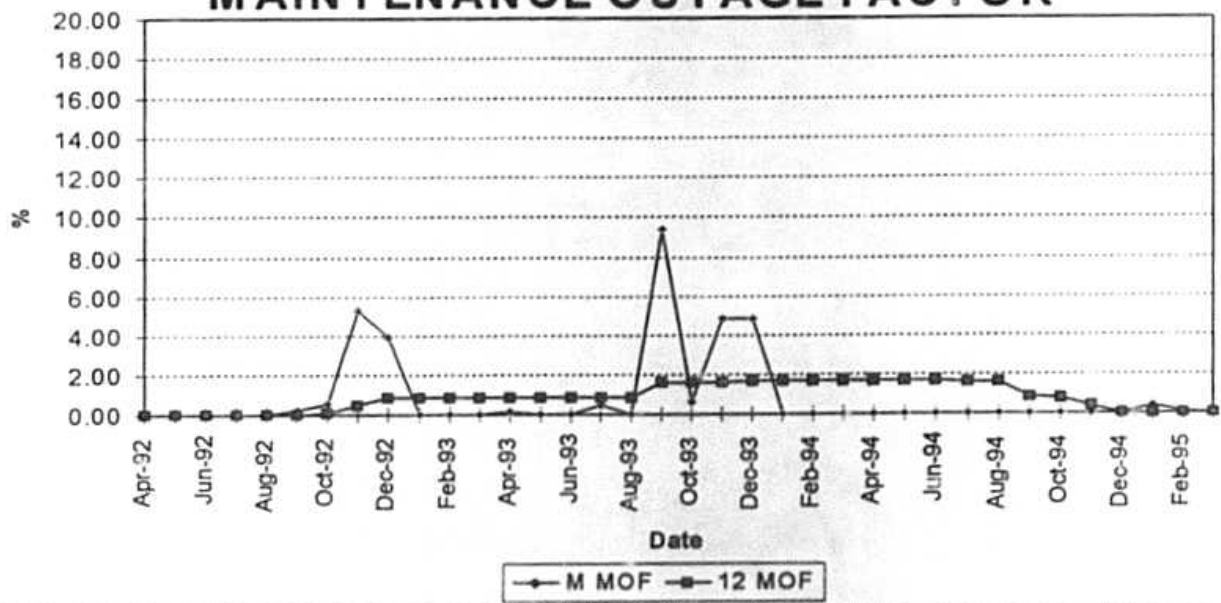
## MAINTENANCE OUTAGE FACTOR



## PSG 4 FORCED OUTAGE FACTOR



## MAINTENANCE OUTAGE FACTOR



## PLANNED OUTAGE SCHEDULES (ESTIMATED)

FLORIDA POWER &amp; LIGHT COMPANY

PERIOD OF: OCTOBER 1995 THROUGH MARCH 1996

PLANT/UNIT	PLANNED OUTAGE DATES	REASON FOR OUTAGE (1)	LR MW
CAPE CANAVERAL 1	NONE		
CAPE CANAVERAL 2	NONE		
LAUDERDALE 4	2/15/96 - 3/ 1/96	HOT PATH INSPECTION	430
LAUDERDALE 5	10/14/95 - 10/29/95	HOT PATH INSPECTION	430
FORT MYERS 2	NONE		
PORT EVERGLADES 3	3/16/96 - 3/31/96	MAJOR TURB/GEN OVERHAUL	389
PORT EVERGLADES 4	NONE		
PUTNAM 1	NONE		
PUTNAM 2	NONE		
ST. JOHNS RIVER 1	NONE		
TURKEY POINT 1	11/25/95 - 12/19/95	MINOR BOILER OVERHAUL	367
TURKEY POINT 2	NONE		
TURKEY POINT 3	10/ 1/95 - 10/27/95	REFUELING	666
TURKEY POINT 4	3/ 1/96 - 3/31/96	REFUELING	666
ST. LUCIE 1	3/26/96 - 3/31/96	REFUELING	839
ST. LUCIE 2	10/ 2/95 - 11/24/95	REFUELING	714