



RECEIVED-FPSC

13 FEB 20 PM 4: 25

COMMISSION  
CLERK

John T. Butler  
Assistant General Counsel – Regulatory  
Florida Power & Light Company  
700 Universe Boulevard  
Juno Beach, FL 33408-0420  
(561) 304-5639  
(561) 691-7135 (Facsimile)  
E-mail: [john.butler@fpl.com](mailto:john.butler@fpl.com)

February 20, 2013

Ms. Ann Cole  
Commission Clerk  
Florida Public Service Commission  
2540 Shumard Oak Blvd.  
Tallahassee, FL 32399-0850

**Re: Docket No. 130001-EI**

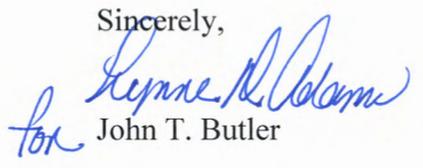
Dear Ms. Cole:

As requested by the Commission Staff, Florida Power & Light Company hereby files the original and ten (10) copies of the GPIF Actual Unit Performance Data Schedules covering the month of January 2013.

These schedules are being filed at the same time but separately from its monthly filing of the A Schedules.

If there are any questions regarding this transmittal, please contact me at 561-304-5639.

COM	_____
<u>AED</u>	<u>6</u>
APA	_____
ECO	<u>1</u>
ENG	<u>2</u>
GCL	<u>1</u>
IDM	_____
TEL	_____
CLK	_____

Sincerely,  
  
for John T. Butler

Copy to: All parties of record

DOCUMENT NUMBER-DATE  
00936 FEB 20 13  
FPSC-COMMISSION CLERK

**CERTIFICATE OF SERVICE**  
**Docket No. 120001-EI**

**I HEREBY CERTIFY** that a true and correct copy of the foregoing has been furnished by hand delivery (\*) or United States mail this 20<sup>th</sup> day of February 2013, to the following:

Martha F. Barrera, Esq.* Division of Legal Services Florida Public Service Commission 2540 Shumard Oak Blvd Tallahassee, Florida 32399-0850	Michael Barrett Division of Economic Regulation Florida Public Service Commission 2540 Shumard Oak Blvd Tallahassee, Florida 32399-0850
James D. Beasley, Esq. J. Jeffrey Wahlen, Esq. Ausley & McMullen Attorneys for Tampa Electric P.O. Box 391 Tallahassee, Florida 32302	John T. Burnett, Esq. Dianne M. Triplett, Esq. Attorneys for PEF P.O. Box 14042 St. Petersburg, Florida 33733-4042
J. R. Kelly, Esq. Patricia Christensen, Esq. Charles Rehwinkel, Esq. Joseph A. McGlothlin, Esq. Erik L. Saylor, Esq. Office of Public Counsel c/o The Florida Legislature 111 West Madison Street, Room 812 Tallahassee, Florida 32399	Beth Keating, Esq. Gunster Law Firm Attorneys for FPUC 215 So. Monroe St., Suite 601 Tallahassee, Florida 32301- 1804
Jeffrey A. Stone, Esq. Russell A. Badders, Esq. Beggs & Lane Attorneys for Gulf Power P.O. Box 12950 Pensacola, FL 32591-2950	James W. Brew, Esq. / F. Alvin Taylor, Esq. Attorney for White Springs Brickfield, Burchette, Ritts & Stone, P.C 1025 Thomas Jefferson Street, NW Eighth Floor, West Tower Washington, DC 20007-5201
Jon C. Moyle, Esq. Moyle Law Firm, P.A. 118 N. Gadsden St. Tallahassee, FL 32301 Counsel for FIPUG	

By:   
 John T. Butler  
Fla. Bar No. 283479

ACTUAL PERFORMANCE DATA  
 COMPANY: FLORIDA POWER AND LIGHT  
 FROM: Jan-2013 TO: Dec-2013

		PLANT / UNIT: FORT MYERS 02										PFM 02		
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Ytd
1.	EAF (%)	99.5	0	0	0	0	0	0	0	0	0	0	0	99.5
2.	PH	744	0	0	0	0	0	0	0	0	0	0	0	744
3.	SH	744	0	0	0	0	0	0	0	0	0	0	0	744
4.	RSH	0	0	0	0	0	0	0	0	0	0	0	0	0
5.	UH	0	0	0	0	0	0	0	0	0	0	0	0	0
6.	POH	0	0	0	0	0	0	0	0	0	0	0	0	0
7.	FOH	0	0	0	0	0	0	0	0	0	0	0	0	0
8.	MOH	0	0	0	0	0	0	0	0	0	0	0	0	0
9.	PPOH	0	0	0	0	0	0	0	0	0	0	0	0	0
10.	LR PP (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0
11.	PFOH	0.63	0	0	0	0	0	0	0	0	0	0	0	0.63
12.	LR PF (MW)	55	0	0	0	0	0	0	0	0	0	0	0	55
13.	PMOH	22.57	0	0	0	0	0	0	0	0	0	0	0	22.57
14.	LR PM (MW)	221.32	0	0	0	0	0	0	0	0	0	0	0	221.32
15.	NSC	1327	0	0	0	0	0	0	0	0	0	0	0	1327
16.	OPER BTU (MBTU)	5404820	0	0	0	0	0	0	0	0	0	0	0	5404820
17.	NET GEN	742268	0	0	0	0	0	0	0	0	0	0	0	742268
18.	ANOHR (BTU/KWH)	7281	0	0	0	0	0	0	0	0	0	0	0	7281
19.	NOF (%)	75.2	0	0	0	0	0	0	0	0	0	0	0	75.2
20.	NPC (MW)	1570	0	0	0	0	0	0	0	0	0	0	0	1570

21.	ANOHR EQUATION	ANOHR = A + B (N.O.F.) A = 0      B = 0											
-----	----------------	--	--	--	--	--	--	--	--	--	--	--	--

NOTE: LINE 17 IS DATA WHEN THE UNIT IS SYNCRONIZED TO THE SYSTEM

FILED:  
 SUSPENDED:  
 EFFECTIVE:  
 DOCKET NO.:  
 ORDER NO.:

DOCUMENT NUMBER-DATE

00936 FEB 20 2013

FPSC-COMMISSION CLERK

ACTUAL PERFORMANCE DATA  
 COMPANY: FLORIDA POWER AND LIGHT  
 FROM: Jan-2013 TO: Dec-2013

		PLANT / UNIT: MANATEE UNIT 3 CC 03										PM3 03		
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Ytd
1.	EAF (%)	96.8	0	0	0	0	0	0	0	0	0	0	0	96.8
2.	PH	744	0	0	0	0	0	0	0	0	0	0	0	744
3.	SH	744	0	0	0	0	0	0	0	0	0	0	0	744
4.	RSH	0	0	0	0	0	0	0	0	0	0	0	0	0
5.	UH	0	0	0	0	0	0	0	0	0	0	0	0	0
6.	POH	0	0	0	0	0	0	0	0	0	0	0	0	0
7.	FOH	0	0	0	0	0	0	0	0	0	0	0	0	0
8.	MOH	0	0	0	0	0	0	0	0	0	0	0	0	0
9.	PPOH	0	0	0	0	0	0	0	0	0	0	0	0	0
10.	LR PP (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0
11.	PFOH	2.75	0	0	0	0	0	0	0	0	0	0	0	2.75
12.	LR PF (MW)	259.75	0	0	0	0	0	0	0	0	0	0	0	259.75
13.	PMOH	87.05	0	0	0	0	0	0	0	0	0	0	0	87.05
14.	LR PM (MW)	278.3	0	0	0	0	0	0	0	0	0	0	0	278.3
15.	NSC	1039	0	0	0	0	0	0	0	0	0	0	0	1039
16.	OPER BTU (MBTU)	3937187	0	0	0	0	0	0	0	0	0	0	0	3937187
17.	NET GEN	566467	0	0	0	0	0	0	0	0	0	0	0	566467
18.	ANOHR (BTU/KWH)	6950	0	0	0	0	0	0	0	0	0	0	0	6950
19.	NOF (%)	73.3	0	0	0	0	0	0	0	0	0	0	0	73.3
20.	NPC (MW)	1187	0	0	0	0	0	0	0	0	0	0	0	1187

21.	ANOHR EQUATION	ANOHR = A + B (N.O.F.) A = 0      B = 0											
-----	----------------	--	--	--	--	--	--	--	--	--	--	--	--

NOTE: LINE 17 IS DATA WHEN THE UNIT IS SYNCRONIZED TO THE SYSTEM

FILED:  
 SUSPENDED:  
 EFFECTIVE:  
 DOCKET NO.:  
 ORDER NO.:

ACTUAL PERFORMANCE DATA  
 COMPANY: FLORIDA POWER AND LIGHT  
 FROM: Jan-2013 TO: Dec-2013

		PLANT / UNIT: MARTIN-UNIT 8 08										PM8 08		
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Ytd
1.	EAF (%)	84.3	0	0	0	0	0	0	0	0	0	0	0	84.3
2.	PH	744	0	0	0	0	0	0	0	0	0	0	0	744
3.	SH	744	0	0	0	0	0	0	0	0	0	0	0	744
4.	RSH	0	0	0	0	0	0	0	0	0	0	0	0	0
5.	UH	0	0	0	0	0	0	0	0	0	0	0	0	0
6.	POH	0	0	0	0	0	0	0	0	0	0	0	0	0
7.	FOH	0	0	0	0	0	0	0	0	0	0	0	0	0
8.	MOH	0	0	0	0	0	0	0	0	0	0	0	0	0
9.	PPOH	0	0	0	0	0	0	0	0	0	0	0	0	0
10.	LR PP (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0
11.	PFOH	336.48	0	0	0	0	0	0	0	0	0	0	0	336.48
12.	LR PF (MW)	269.23	0	0	0	0	0	0	0	0	0	0	0	269.23
13.	PMOH	125.52	0	0	0	0	0	0	0	0	0	0	0	125.52
14.	LR PM (MW)	265.75	0	0	0	0	0	0	0	0	0	0	0	265.75
15.	NSC	1063	0	0	0	0	0	0	0	0	0	0	0	1063
16.	OPER BTU (MBTU)	3744008	0	0	0	0	0	0	0	0	0	0	0	3744008
17.	NET GEN	536838	0	0	0	0	0	0	0	0	0	0	0	536838
18.	ANOHR (BTU/KWH)	6974	0	0	0	0	0	0	0	0	0	0	0	6974
19.	NOF (%)	67.9	0	0	0	0	0	0	0	0	0	0	0	67.9
20.	NPC (MW)	1180	0	0	0	0	0	0	0	0	0	0	0	1180
21.	ANOHR EQUATION	ANOHR = A + B (N.O.F.) A = 0      B = 0												

NOTE: LINE 17 IS DATA WHEN THE UNIT IS SYNCHRONIZED TO THE SYSTEM

FILED:  
 SUSPENDED:  
 EFFECTIVE:  
 DOCKET NO.:  
 ORDER NO.:

ISSUED BY: FLORIDA POWER & LIGHT CO.



ACTUAL PERFORMANCE DATA  
 COMPANY: FLORIDA POWER AND LIGHT  
 FROM: Jan-2013 TO: Dec-2013

		PLANT / UNIT: SCHERER 04						PSG 04						
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Ytd
1.	EAF (%)	100	0	0	0	0	0	0	0	0	0	0	0	100
2.	PH	744	0	0	0	0	0	0	0	0	0	0	0	744
3.	SH	744	0	0	0	0	0	0	0	0	0	0	0	744
4.	RSH	0	0	0	0	0	0	0	0	0	0	0	0	0
5.	UH	0	0	0	0	0	0	0	0	0	0	0	0	0
6.	POH	0	0	0	0	0	0	0	0	0	0	0	0	0
7.	FOH	0	0	0	0	0	0	0	0	0	0	0	0	0
8.	MOH	0	0	0	0	0	0	0	0	0	0	0	0	0
9.	PPOH	0	0	0	0	0	0	0	0	0	0	0	0	0
10.	LR PP (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0
11.	PFOH	0	0	0	0	0	0	0	0	0	0	0	0	0
12.	LR PF (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0
13.	PMOH	0	0	0	0	0	0	0	0	0	0	0	0	0
14.	LR PM (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0
15.	NSC	855	0	0	0	0	0	0	0	0	0	0	0	855
16.	OPER BTU (MBTU)	5464506	0	0	0	0	0	0	0	0	0	0	0	5464506
17.	NET GEN	532587	0	0	0	0	0	0	0	0	0	0	0	532587
18.	ANOHR (BTU/KWH)	10260	0	0	0	0	0	0	0	0	0	0	0	10260
19.	NOF (%)	83.7	0	0	0	0	0	0	0	0	0	0	0	83.7
20.	NPC (MW)	882	0	0	0	0	0	0	0	0	0	0	0	882

21.	ANOHR EQUATION	ANOHR = A + B (N.O.F.) A = 0      B = 0											
-----	----------------	--	--	--	--	--	--	--	--	--	--	--	--

NOTE: LINE 17 IS DATA WHEN THE UNIT IS SYNCHRONIZED TO THE SYSTEM

FILED:  
 SUSPENDED:  
 EFFECTIVE:  
 DOCKET NO.:  
 ORDER NO.:

ACTUAL PERFORMANCE DATA  
 COMPANY: FLORIDA POWER AND LIGHT  
 FROM: Jan-2013 TO: Dec-2013

		PLANT / UNIT: ST LUCIE 01						PSL 01						
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Ytd
1.	EAF (%)	100	0	0	0	0	0	0	0	0	0	0	0	100
2.	PH	744	0	0	0	0	0	0	0	0	0	0	0	744
3.	SH	744	0	0	0	0	0	0	0	0	0	0	0	744
4.	RSH	0	0	0	0	0	0	0	0	0	0	0	0	0
5.	UH	0	0	0	0	0	0	0	0	0	0	0	0	0
6.	POH	0	0	0	0	0	0	0	0	0	0	0	0	0
7.	FOH	0	0	0	0	0	0	0	0	0	0	0	0	0
8.	MOH	0	0	0	0	0	0	0	0	0	0	0	0	0
9.	PPOH	0	0	0	0	0	0	0	0	0	0	0	0	0
10.	LR PP (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0
11.	PFOH	0	0	0	0	0	0	0	0	0	0	0	0	0
12.	LR PF (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0
13.	PMOH	0	0	0	0	0	0	0	0	0	0	0	0	0
14.	LR PM (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0
15.	NSC	981	0	0	0	0	0	0	0	0	0	0	0	981
16.	OPER BTU (MBTU)	7660834	0	0	0	0	0	0	0	0	0	0	0	7660834
17.	NET GEN	746897	0	0	0	0	0	0	0	0	0	0	0	746897
18.	ANOHR (BTU/KWH)	10257	0	0	0	0	0	0	0	0	0	0	0	10257
19.	NOF (%)	102.3	0	0	0	0	0	0	0	0	0	0	0	102.3
20.	NPC (MW)	981	0	0	0	0	0	0	0	0	0	0	0	981

21.	ANOHR EQUATION	ANOHR = A + B (N.O.F.) A = 0      B = 0											
-----	----------------	--	--	--	--	--	--	--	--	--	--	--	--

NOTE: LINE 17 IS DATA WHEN THE UNIT IS SYNCHRONIZED TO THE SYSTEM

FILED:  
 SUSPENDED:  
 EFFECTIVE:  
 DOCKET NO.:  
 ORDER NO.:

ACTUAL PERFORMANCE DATA  
 COMPANY: FLORIDA POWER AND LIGHT  
 FROM: Jan-2013 TO: Dec-2013

		PLANT / UNIT: ST LUCIE						PSL 02						
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Ytd
1.	EAF (%)	100	0	0	0	0	0	0	0	0	0	0	0	100
2.	PH	744	0	0	0	0	0	0	0	0	0	0	0	744
3.	SH	744	0	0	0	0	0	0	0	0	0	0	0	744
4.	RSH	0	0	0	0	0	0	0	0	0	0	0	0	0
5.	UH	0	0	0	0	0	0	0	0	0	0	0	0	0
6.	POH	0	0	0	0	0	0	0	0	0	0	0	0	0
7.	FOH	0	0	0	0	0	0	0	0	0	0	0	0	0
8.	MOH	0	0	0	0	0	0	0	0	0	0	0	0	0
9.	PPOH	0	0	0	0	0	0	0	0	0	0	0	0	0
10.	LR PP (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0
11.	PFOH	0	0	0	0	0	0	0	0	0	0	0	0	0
12.	LR PF (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0
13.	PMOH	0	0	0	0	0	0	0	0	0	0	0	0	0
14.	LR PM (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0
15.	NSC	968	0	0	0	0	0	0	0	0	0	0	0	968
16.	OPER BTU (MBTU)	6849798	0	0	0	0	0	0	0	0	0	0	0	6849798
17.	NET GEN	757524	0	0	0	0	0	0	0	0	0	0	0	757524
18.	ANOHR (BTU/KWH)	9042	0	0	0	0	0	0	0	0	0	0	0	9042
19.	NOF (%)	105.2	0	0	0	0	0	0	0	0	0	0	0	105.2
20.	NPC (MW)	968	0	0	0	0	0	0	0	0	0	0	0	968

21.	ANOHR EQUATION	ANOHR = A + B (N.O.F.) A = 0                      B = 0											
-----	----------------	--	--	--	--	--	--	--	--	--	--	--	--

NOTE: LINE 17 IS DATA WHEN THE UNIT IS SYNCHRONIZED TO THE SYSTEM

FILED:  
 SUSPENDED:  
 EFFECTIVE:  
 DOCKET NO.:  
 ORDER NO.:

ACTUAL PERFORMANCE DATA  
 COMPANY: FLORIDA POWER AND LIGHT  
 FROM: Jan-2013 TO: Dec-2013

		PLANT / UNIT: TURKEY POINT 03						PTN 03						
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Ytd
1.	EAF (%)	98	0	0	0	0	0	0	0	0	0	0	0	98
2.	PH	744	0	0	0	0	0	0	0	0	0	0	0	744
3.	SH	744	0	0	0	0	0	0	0	0	0	0	0	744
4.	RSH	0	0	0	0	0	0	0	0	0	0	0	0	0
5.	UH	0	0	0	0	0	0	0	0	0	0	0	0	0
6.	POH	0	0	0	0	0	0	0	0	0	0	0	0	0
7.	FOH	0	0	0	0	0	0	0	0	0	0	0	0	0
8.	MOH	0	0	0	0	0	0	0	0	0	0	0	0	0
9.	PPOH	49.18	0	0	0	0	0	0	0	0	0	0	0	49.18
10.	LR PP (MW)	208.01	0	0	0	0	0	0	0	0	0	0	0	208.01
11.	PFOH	0	0	0	0	0	0	0	0	0	0	0	0	0
12.	LR PF (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0
13.	PMOH	0	0	0	0	0	0	0	0	0	0	0	0	0
14.	LR PM (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0
15.	NSC	693	0	0	0	0	0	0	0	0	0	0	0	693
16.	OPER BTU (MBTU)	5636592	0	0	0	0	0	0	0	0	0	0	0	5636592
17.	NET GEN	597091	0	0	0	0	0	0	0	0	0	0	0	597091
18.	ANOHR (BTU/KWH)	9440	0	0	0	0	0	0	0	0	0	0	0	9440
19.	NOF (%)	115.8	0	0	0	0	0	0	0	0	0	0	0	115.8
20.	NPC (MW)	693	0	0	0	0	0	0	0	0	0	0	0	693

21.	ANOHR EQUATION	ANOHR = A + B (N.O.F.) A = 0                      B = 0											
-----	----------------	--	--	--	--	--	--	--	--	--	--	--	--

NOTE: LINE 17 IS DATA WHEN THE UNIT IS SYNCHRONIZED TO THE SYSTEM

FILED:  
 SUSPENDED:  
 EFFECTIVE:  
 DOCKET NO.:  
 ORDER NO.:



ACTUAL PERFORMANCE DATA  
 COMPANY: FLORIDA POWER AND LIGHT  
 From: Jan-2013 To: Dec-2013  
 PLANT / UNIT: FORT MYERS 02 PFM 02

DATE	OUTAGE TYPE(1)	HOURS	(MW) AFFECTED	DESCRIPTION
01/25/2013	FMO	22.6	145	2E CT MOF
01/25/2013	PMO	22.6	67.47	Impact loss due to curtailment on 2E
01/25/2013	PMO	22.6	8.85	Impact loss due to curtailment on 2E
01/26/2013	PFO	0.6	55	2C CT EFOR

(1) FFO - FULL FORCED OUTAGE  
 PPO - PARTIAL PLANNED OUTAGE  
 PMO - PARTIAL MAINTENANCE OUTAGE  
 PO - PLANNED OUTAGE  
 PFO - PARTIAL FORCED OUTAGE  
 FMO - FULL MAINTENANCE OUTAGE

FILED:  
 SUSPENDED:  
 EFFECTIVE:  
 DOCKET NO.:  
 ORDER NO.:

## ACTUAL PERFORMANCE DATA

COMPANY: FLORIDA POWER AND LIGHT

From: Jan-2013

To: Dec-2013

PLANT / UNIT: TURKEY POINT 03

PTN 03

DATE	OUTAGE TYPE(1)	HOURS	(MW) AFFECTED	DESCRIPTION
01/29/2013	PPO	49.2	208	Unit 3 planned downpower for Turbine Valve testing

(1) FFO - FULL FORCED OUTAGE  
 PPO - PARTIAL PLANNED OUTAGE  
 PMO - PARTIAL MAINTENANCE OUTAGE  
 PO - PLANNED OUTAGE  
 PFO - PARTIAL FORCED OUTAGE  
 FMO - FULL MAINTENANCE OUTAGE

FILED:  
 SUSPENDED:  
 EFFECTIVE:  
 DOCKET NO.:  
 ORDER NO.:

ACTUAL PERFORMANCE DATA  
 COMPANY: FLORIDA POWER AND LIGHT  
 From: Jan-2013 To: Dec-2013

PLANT / UNIT: TURKEY POINT 04 PTN 04

DATE	OUTAGE TYPE(1)	HOURS	(MW) AFFECTED	DESCRIPTION
01/01/2013	FPO	744.0	693	Unit 4 Cycle 27 Refueling / Extended power uprate outage

(1) FFO - FULL FORCED OUTAGE  
 PPO - PARTIAL PLANNED OUTAGE  
 PMO - PARTIAL MAINTENANCE OUTAGE  
 PO - PLANNED OUTAGE  
 PFO - PARTIAL FORCED OUTAGE  
 FMO - FULL MAINTENANCE OUTAGE

FILED:  
 SUSPENDED:  
 EFFECTIVE:  
 DOCKET NO.:  
 ORDER NO.:

## ACTUAL PERFORMANCE DATA

COMPANY: FLORIDA POWER AND LIGHT

From: Jan-2013

To: Dec-2013

PLANT / UNIT: TURKEY POINT #5 05

TP5 05

DATE	OUTAGE TYPE(1)	HOURS	(MW) AFFECTED	DESCRIPTION
01/17/2013	PFO	0.3	112	5A BFP EMERGENCY STOP PUSH BUTTON MISTAKENLY

(1) FFO - FULL FORCED OUTAGE  
PPO - PARTIAL PLANNED OUTAGE  
PMO - PARTIAL MAINTENANCE OUTAGE  
PO - PLANNED OUTAGE  
PFO - PARTIAL FORCED OUTAGE  
FMO - FULL MAINTENANCE OUTAGE

FILED:  
SUSPENDED:  
EFFECTIVE:  
DOCKET NO.:  
ORDER NO.:

ACTUAL PERFORMANCE DATA  
 COMPANY: FLORIDA POWER AND LIGHT  
 From: Jan-2013 To: Dec-2013

PLANT / UNIT: MANATEE UNIT 3 CC 03

PM3 03

DATE	OUTAGE TYPE(1)	HOURS	(MW) AFFECTED	DESCRIPTION
01/07/2013	FMO	31.8	152	3A SRV Valve replace
01/07/2013	PMO	31.8	107.75	Impact loss due to curtailment on 3A
01/08/2013	FMO	29.1	152	3D SRV Valve replace
01/08/2013	PMO	29.1	107.75	Impact loss due to curtailment on 3D
01/17/2013	FMO	32.5	152	3A SRV VALVE
01/17/2013	PMO	32.5	107.75	Impact loss due to curtailment on 3A
01/27/2013	FFO	2.8	152	PMT 3B Trip
01/27/2013	PFO	2.8	107.75	Impact loss due to curtailment on 3B

(1) FFO - FULL FORCED OUTAGE  
 PPO - PARTIAL PLANNED OUTAGE  
 PMO - PARTIAL MAINTENANCE OUTAGE  
 PO - PLANNED OUTAGE  
 PFO - PARTIAL FORCED OUTAGE  
 FMO - FULL MAINTENANCE OUTAGE

FILED:  
 SUSPENDED:  
 EFFECTIVE:  
 DOCKET NO.:  
 ORDER NO.:

ACTUAL PERFORMANCE DATA  
 COMPANY: FLORIDA POWER AND LIGHT  
 From: Jan-2013 To: Dec-2013  
 PLANT / UNIT: MARTIN-UNIT 8 08 PM8 08

DATE	OUTAGE TYPE(1)	HOURS	(MW) AFFECTED	DESCRIPTION
01/01/2013	FMO	97.1	157	8A EVENT MOF
01/01/2013	PMO	97.1	108.75	Impact loss due to curtailment on 8A
01/05/2013	FFO	4.2	157	8D CT TRIP due to 8C LIGHTNING ARRESTOR failure on hig
01/05/2013	PFO	4.2	108.75	Impact loss due to curtailment on 8D
01/05/2013	FFO	29.6	157	8C FORCED OUTAGE LIGHTNING ARRESTOR
01/05/2013	PFO	29.6	108.75	Impact loss due to curtailment on 8C
01/05/2013	PFO	2.1	22	8D Runback DUE TO HIGH RH TEMPS
01/10/2013	FFO	306.9	157	8A Main Steam Attenuator - failed plug
01/10/2013	PFO	306.9	108.75	Impact loss due to curtailment on 8A
01/23/2013	FMO	28.4	157	8A TESTING FOR BOG DOWN PROBLEMS
01/23/2013	PMO	28.4	108.75	Impact loss due to curtailment on 8A

(1) FFO - FULL FORCED OUTAGE  
 PPO - PARTIAL PLANNED OUTAGE  
 PMO - PARTIAL MAINTENANCE OUTAGE  
 PO - PLANNED OUTAGE  
 PFO - PARTIAL FORCED OUTAGE  
 FMO - FULL MAINTENANCE OUTAGE

FILED:  
 SUSPENDED:  
 EFFECTIVE:  
 DOCKET NO.:  
 ORDER NO.:

ISSUED BY: FLORIDA POWER & LIGHT CO.

**GPIF Units  
Actual Performance Data (ACRONYMS) for 2013**

ACRONYMS	DESCRIPTION
"R"	Mark VI "R" Processor
1A2	Unit 1 Pump A2
1B	Unit 1 Pump B
2B1	Unit 2 Pump B1
2A	Unit 2 Combustion Turbine (sub unit A)
2A CT - 2A 230	Combustion Turbine (sub unit A) - 2A Collector Bus
2A HDP	2 Alpha High Differential Pressure
2B	Unit 2 Combustion Turbine (sub unit B)
2B CT - 2A 230	Combustion Turbine (sub unit B) - 2A Collector Bus
2B MSR	2 Bravo Moisture Separator Reheater
2C	Unit 2 Combustion Turbine (sub unit C)
2C CT - 2A 230	Combustion Turbine (sub unit C) - 2A Collector Bus
2D	Unit 2 Combustion Turbine (sub unit D)
2E	Unit 2 Combustion Turbine (sub unit E)
2F	Unit 2 Combustion Turbine (sub unit F)
3 CTB	Unit 3 Combustion Turbine (sub unit B)
3A	Unit 3 Combustion Turbine (sub unit A)
3B	Unit 3 Combustion Turbine (sub unit B)
3C	Unit 3 Combustion Turbine (sub unit C)
3D	Unit 3 Combustion Turbine (sub unit D)
3ST	Unit 3 Steam Turbine
41AC-1	Breaker 1 for Power Supply to Exciter
41AC-2	Breaker 2 for Power Supply to Exciter
4A	Unit 4 Combustion Turbine (sub unit A)
4A SGFP	4A Steam Generator Feedwater Pump
4B	Unit 4 Combustion Turbine (sub unit B)
4C	Unit 4 Combustion Turbine (sub unit C)
4D	Unit 4 Combustion Turbine (sub unit D)
4KV	4 Thousand Volts
5A	Unit 5 Combustion Turbine (sub unit A)
5B	Unit 5 Combustion Turbine (sub unit B)
5C	Unit 5 Combustion Turbine (sub unit C)
5D	Unit 5 Combustion Turbine (sub unit D)
5ST	Unit 5 Steam Turbine
8A	Unit 8 Combustion Turbine (sub unit A)
8B	Unit 8 Combustion Turbine (sub unit B)
8C	Unit 8 Combustion Turbine (sub unit C)
8D	Unit 8 Combustion Turbine (sub unit D)
8X	Unit 8 Steam Turbine
89SS	Static Start Switch
89ND	Neutral disconnect switch on the generator
AA	Anhydrous Ammonia
ABV	Air Block Valve
ACV-3	Automatic Control Valve # 3
ACV-408	Air Control Valve Tag 408
ASGJ-BV-27ED	A (unit 2A) SGJ (hot reheat to condenser) BV (block valve) 27 (#) ED (valve bypass)
AUX	Auxiliary
BFP	Boiler Feed Pump
BFPT	Boiler Feed Pump Turbine
BRG	Bearing

**GPIF Units  
Actual Performance Data (ACRONYMS) for 2013**

ACRONYMS	DESCRIPTION
BRK	Breaker
BSGG	Unit B, main steam section of HRSG
CBV	Compressor Bleed Valve
CEA	Control Element Assembly
CEA 38	Control Element Assembly Number 38
CEA 65	Control Element Assembly Number 65
CEDM	Control Element Drive Mechanism
Circ	Circulating (water pump)
com	Communication
comm	Communication
CRH	Cold Reheat
CT	Combustion Turbine
CT C	Combustion Turbine (sub unit C)
CTG SRV	Speed Ratio Valve on Combustion Turbine (gas system)
CV-4-1510	Control Valve Number 4-1510
CW	Circulating Water
CWP	Circulating Water Pump
DCS	Distributed Control System
DEH	Digital Electro Hydraulic
DFS	Debris Filtration System
diff	Differential
DLN	Dry Low Nox
DP	Differential Pressure
DWATT XDUCER	Megawatt transducer
DX	DeXcitation
EFOR	Equivalent Forced Outage Rate
EHC	Hydraulic
EOC	End of cycle
EPU	Extended Power Uprate
ESGA	System code for Ft. Myers 2E HRSG
EXP	Expansion
Fa	Failed
FGT	Florida Gas Transmission
FME	Foreign Material Exclusion
FPI	Fluorescent penetrant inspection
FSGJ	F is the unit (2F) SGJ is the system designator
FSNL	Full Speed No Load
FRV	Feedwater Regulating Valve
FW	Feedwater
FWC	Feedwater Control
GCV	Gas Control Valve
GE	General Electric
GSU	Generator Step Up
Haz	Hazardous
HI	High
HMI	Human Machine Interface
HP	High Pressure
HRH	Hot Reheat
HRSG	Heat Recovery Steam Generator
HTF	Heat Transfer Fluid
I/O	Input / Output

**GPIF Units  
Actual Performance Data (ACRONYMS) for 2013**

ACRONYMS	DESCRIPTION
IBH	Inlet Bleed Heat Valve
ID	Induced Draft
IGV	Inlet guide vanes
Instr.	Instrumentation
IP	Intermediate Pressure
ISO	Isolation
LCI	Load Commutating Inverter
LCO	Limiting Conditions for Operation
LL	Low Low
LO	Low
LP	Low Pressure
MFIV	Main Feed Isolation Valve
MF PP	Main Feed Pump
MG	Motor Generator
MOF	Maintenance Outage Factor
mof	maintenance outage factor
MOF/AA	Maintenance Outage Factor / Atomizing Air
MOV	Motorized Operating Valve
MSR	Moisture Separator Reheater
MSSV	Main Steam Safety Valve
MW	Megawatt
MUV	Motor actuated <u>U</u> nidirectional <u>V</u> alve
NO	No
O/H	Overhaul
OLWW	Off-Line Water Wash
OMC	Outside Management Control
P&C	Protect and Control
POF	Planned Outage Factor
PEL	Planned Energy Loss
PFM	Ft. Myers
PM1	Gas Valve Number 1
PM3	Gas Valve Number 3
MAJOR	Major Overhaul
PM320102662	Manatee Unit 3 GADS #20102662
PMG	Martin
MS	Main Steam
PMT	Manatee
ND	Neurtal Disconnect
Pmp	Pump
PSL	St Lucie
PSR	Sanford
PT	Potential transformer
PWR	Power
R	Repair
R0	Row 0 blades on steam turbine
R1	Row 1 blades on steam turbine
RCP	Reactor Coolant Pump
RFC	Ready For Control
RFO	Refueling Outage
RH	Reheat

**GPIF Units  
Actual Performance Data (ACRONYMS) for 2013**

ACRONYMS	DESCRIPTION
RPS	Reactor Protection System
RSD	Reserve Shutdown
RSV	Reheat Stop Valve
RSV1	Reheat Stop Valve Number 1
RV	Release Valve
S/U	Startup
SGFP	Steam Generator Feed Pump
SGG	Main Steam - High Pressure
SGJ-ACV-10	System Designator Air Control Valve
SH	Super heat
SL1-23	St Lucie Unit 1 cycle 23 refueling outage
SL2-19	St Lucie Unit 2 cycle 19 refueling outage
SNO	Short Notice Outage
SNOW	Short Notice Outage Work
SRV	Speed Ratio Valve
STARS	Strategic Anti Rotation Stall Surge testing
ST	Steam Turbine
ST1	Steam Turbine Number 1
ST2	Steam Turbine Number 2
STG or SG	Steam Generator
STM 1	Steam Turbine Number 1
STM 2	Steam Turbine Number 2
T-Ave	Temperature Average
TC or T/Cs	Thermal/Couples
TCW HX	Turbine Cooling Water Heat Exchanger
TMOF	Task MOF
U1	Unit 1
U2	Unit 2
UEL	Unplanned Energy Loss
ULPM1	Ultra Lean Pre-Mix Valve # 1
VCMI	Communication interface board for Mark 6 ovation system
Vi	Roman Numeral 6
VLV	Valve
Wobbee	Water warms up gas fired units to 35 MWs. After that, permissive Wobbee takes it to base load.
WO	Work
WW	Water wash
XFMR	Transformer