



**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)**  
[John.Butler@fpl.com](mailto:John.Butler@fpl.com)

July 20, 2016

**-VIA ELECTRONIC FILING -**

Ms. Carlotta S. Stauffer  
Commission Clerk  
Florida Public Service Commission  
2540 Shumard Oak Blvd.  
Tallahassee, FL 32399-0850

**Re: Docket No. 160001-EI**

Dear Ms. Stauffer:

I enclose for electronic filing in the above docket; Florida Power & Light Company's ("FPL") GPIF Actual Unit Performance Data Schedules covering the month of June 2016. 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.

Sincerely,

*s/ John T. Butler*  
\_\_\_\_\_  
John T. Butler

Enclosures

cc: Counsel for Parties of Record (w/encl.)

**CERTIFICATE OF SERVICE**  
**Docket No. 160001-EI**

I **HEREBY CERTIFY** that a true and correct copy of the foregoing has been furnished by electronic service on this 20th day of July 2016, to the following:

Danijela Janjic, Esq.  
Suzanne Brownless, Esq.  
Division of Legal Services  
Florida Public Service Commission  
2540 Shumard Oak Blvd.  
Tallahassee, Florida 32399-0850  
djanjic@psc.state.fl.us  
sbrownle@psc.state.fl.us

Andrew Maurey  
Michael Barrett  
Division of Accounting and Finance  
Florida Public Service Commission  
2540 Shumard Oak Blvd.  
Tallahassee, Florida 32399-0850  
amaurey@psc.state.fl.us  
mbarrett@psc.state.fl.us

Beth Keating, Esq.  
Gunster Law Firm  
Attorneys for Florida Public Utilities Corp.  
215 South Monroe St., Suite 601  
Tallahassee, Florida 32301-1804  
bkeating@gunster.com

Dianne M. Triplett, Esq.  
Attorneys for Duke Energy Florida  
299 First Avenue North  
St. Petersburg, Florida 33701  
dianne.triplett@duke-energy.com

James D. Beasley, Esq.  
J. Jeffrey Wahlen, Esq.  
Ashley M. Daniels, Esq.  
Ausley & McMullen  
Attorneys for Tampa Electric Company  
P.O. Box 391  
Tallahassee, Florida 32302  
jbeasley@ausley.com  
jwahlen@ausley.com  
adaniels@ausley.com

Jeffrey A. Stone, Esq.  
Russell A. Badders, Esq.  
Steven R. Griffin, Esq.  
Beggs & Lane  
Attorneys for Gulf Power Company  
P.O. Box 12950  
Pensacola, Florida 32591-2950  
jas@beggslane.com  
rab@beggslane.com  
srg@beggslane.com

Robert Scheffel Wright, Esq.  
John T. LaVia, III, Esq.  
Gardner, Bist, Wiener, et al  
Attorneys for Florida Retail Federation  
1300 Thomaswood Drive  
Tallahassee, Florida 32308  
schef@gbwlegal.com  
jlavia@gbwlegal.com

James W. Brew, Esq.  
Laura A. Wynn, Esq.  
Attorneys for PCS Phosphate - White Springs  
Stone Mattheis Xenopoulos & Brew, PC  
1025 Thomas Jefferson Street, NW  
Eighth Floor, West Tower  
Washington, DC 20007-5201  
jbrew@smxblaw.com  
laura.wynn@smxblaw.com

Robert L. McGee, Jr.  
Gulf Power Company  
One Energy Place  
Pensacola, Florida 32520  
rlmcgee@southernco.com

Matthew R. Bernier, Esq.  
Duke Energy Florida  
106 East College Avenue, Suite 800  
Tallahassee, Florida 32301  
matthew.bernier@duke-energy.com

J. R. Kelly, Esq.  
Patricia Christensen, Esq.  
Charles Rehwinkel, Esq.  
Office of Public Counsel  
c/o The Florida Legislature  
111 West Madison Street, Room 812  
Tallahassee, Florida 32399  
kelly.jr@leg.state.fl.us  
christensen.patty@leg.state.fl.us  
rehwinkel.charles@leg.state.fl.us

Mike Cassel, Director/Regulatory and  
Governmental Affairs  
Florida Public Utilities Company  
911 South 8<sup>th</sup> Street  
Fernandina Beach, Florida 32034  
mcassel@fpuc.com

Paula K. Brown, Manager  
Tampa Electric Company  
Regulatory Coordinator  
Post Office Box 111  
Tampa, Florida 33601-0111  
regdept@tecoenergy.com

Jon C. Moyle, Esq.  
Moyle Law Firm, P.A.  
Attorneys for Florida Industrial Power  
Users Group  
118 N. Gadsden St.  
Tallahassee, Florida 32301  
jmoyle@moylelaw.com

By: s/ John T. Butler  
John T. Butler  
Florida Bar No. 283479

## ACTUAL PERFORMANCE DATA

COMPANY: FLORIDA POWER AND LIGHT

FROM: Jan-2016 TO: Dec-2016

		PLANT / UNIT: WEST COUNTY ENER 03											PWC 03	
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Ytd
1.	EAF (%)	84.6	78.9	69.3	100	76.2	98.8	0	0	0	0	0	0	84.6
2.	PH	744	696	743	720	744	720	0	0	0	0	0	0	4367
3.	SH	734.08	696	534.12	720	564.2	720	0	0	0	0	0	0	3968.4
4.	RSH	9.92	0	0	0	179.8	0	0	0	0	0	0	0	189.72
5.	UH	0	0	208.88	0	0	0	0	0	0	0	0	0	208.88
6.	POH	0	0	208.88	0	0	0	0	0	0	0	0	0	208.88
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	23.78	0	0	0	0	0	0	0	0	0	23.78
10.	LR PP (MW)	0	0	736.14	0	0	0	0	0	0	0	0	0	736.14
11.	PFOH	1	70.73	12.22	0	1.02	24.35	0	0	0	0	0	0	109.32
12.	LR PF (MW)	710	390.73	390.41	0	236	374.72	0	0	0	0	0	0	388.61
13.	PMOH	341.33	363.93	0	0	405.37	5.72	0	0	0	0	0	0	1116.35
14.	LR PM (MW)	393.99	400.79	0	0	515.77	126	0	0	0	0	0	0	439.06
15.	NSC	1182	1182	1182	1182	1182	1182	0	0	0	0	0	0	1182
16.	OPER BTU (MBTU)	3469758	3157859	2737995	3962734	2682527	4519318	0	0	0	0	0	0	20530191
17.	NET GEN	490728	447506	383104	561550	353834	646820	0	0	0	0	0	0	2883542
18.	ANOHR (BTU/KWH)	7071	7057	7147	7057	7581	6987	0	0	0	0	0	0	7120
19.	NOF (%)	56.6	54.4	60.7	66	53.1	76	0	0	0	0	0	0	61.5
20.	NPC (MW)	1225	1225	1225	1199	1199	1199	0	0	0	0	0	0	1212

21.	ANOHR EQUATION	ANOHR = A + B (N.O.F.) A = 0                      B = 0											
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NOTE: LINE 17 IS DATA WHEN THE UNIT IS SYNCHRONIZED TO THE SYSTEM

ACTUAL PERFORMANCE DATA  
 COMPANY: FLORIDA POWER AND LIGHT  
 FROM: Jan-2016 TO: Dec-2016

		PLANT / UNIT: FORT MYERS 02										PFM 02		
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Ytd
1.	EAF (%)	79.5	94.3	79	98.2	98	99.9	0	0	0	0	0	0	91.4
2.	PH	744	696	743	720	744	720	0	0	0	0	0	0	4367
3.	SH	744	696	598.7	720	744	720	0	0	0	0	0	0	4222.7
4.	RSH	0	0	7.92	0	0	0	0	0	0	0	0	0	7.92
5.	UH	0	0	136.38	0	0	0	0	0	0	0	0	0	136.38
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	739.72	12.07	139.92	0	0	0	0	0	0	0	0	0	891.7
10.	LR PP (MW)	233.29	233.29	1378.98	0	0	0	0	0	0	0	0	0	413.06
11.	PFOH	12.45	44.75	58.28	9.93	4.93	3.05	0	0	0	0	0	0	133.4
12.	LR PF (MW)	233.29	226.85	233.31	401.87	233.31	200.67	0	0	0	0	0	0	242.95
13.	PMOH	161.47	150.37	48.32	58.43	85.5	0.08	0	0	0	0	0	0	504.17
14.	LR PM (MW)	233.87	285.56	233.31	241.23	226.89	233.31	0	0	0	0	0	0	248.9
15.	NSC	1399	1399	1399	1399	1399	1399	0	0	0	0	0	0	1399
16.	OPER BTU (MBTU)	5015646	5342667	4546086	5403313	5751812	5566052	0	0	0	0	0	0	31625576
17.	NET GEN	692511	739601	626695	741273	794133	761570	0	0	0	0	0	0	4355783
18.	ANOHR (BTU/KWH)	7243	7224	7254	7289	7243	7309	0	0	0	0	0	0	7261
19.	NOF (%)	66.5	76	74.8	73.6	76.3	75.6	0	0	0	0	0	0	73.7
20.	NPC (MW)	1433	1433	1433	1433	1433	1433	0	0	0	0	0	0	1433

21.	ANOHR EQUATION	ANOHR = A + B (N.O.F.) A = 0 B = 0											
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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-2016 TO: Dec-2016

		PLANT / UNIT: ST LUCIE						PSL 01						
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Ytd
1.	EAF (%)	98.7	100	99.4	100	100	100	0	0	0	0	0	0	99.7
2.	PH	744	696	743	720	744	720	0	0	0	0	0	0	4367
3.	SH	744	696	743	720	744	720	0	0	0	0	0	0	4367
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	17	12.2	0	0	0	0	0	0	0	0	29.2
10.	LR PP (MW)	0	0	104.45	28.14	0	0	0	0	0	0	0	0	72.56
11.	PFOH	77.67	0	13.37	0	0	0	0	0	0	0	0	0	91.03
12.	LR PF (MW)	125.28	0	183.38	0	0	0	0	0	0	0	0	0	133.83
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	981	981	981	981	981	0	0	0	0	0	0	981
16.	OPER BTU (MBTU)	7544271	7163389	7602253	7406780	7657148	7409848	0	0	0	0	0	0	44783689
17.	NET GEN	735042	700001	741514	719861	740386	710856	0	0	0	0	0	0	4347660
18.	ANOHR (BTU/KWH)	10264	10233	10252	10289	10342	10424	0	0	0	0	0	0	10301
19.	NOF (%)	100.7	102.5	101.7	101.9	101.4	100.6	0	0	0	0	0	0	101.5
20.	NPC (MW)	981	981	981	981	981	981	0	0	0	0	0	0	981

21.	ANOHR EQUATION	ANOHR = A + B (N.O.F.) A = 0                      B = 0											
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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-2016 TO: Dec-2016

		PLANT / UNIT: ST LUCIE 02											PSL 02	
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Ytd
1.	EAF (%)	100	100	100	99.9	100	100	0	0	0	0	0	0	100
2.	PH	744	696	743	720	744	720	0	0	0	0	0	0	4367
3.	SH	744	696	743	720	744	720	0	0	0	0	0	0	4367
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	8.72	0	0	0	0	0	0	0	0	8.72
10.	LR PP (MW)	0	0	0	92.78	0	0	0	0	0	0	0	0	92.78
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	987	987	987	987	987	987	0	0	0	0	0	0	987
16.	OPER BTU (MBTU)	7659671	7167965	7652440	7405395	7661601	7415290	0	0	0	0	0	0	44962362
17.	NET GEN	758905	709323	756399	729151	750542	721487	0	0	0	0	0	0	4425807
18.	ANOHR (BTU/KWH)	10093	10105	10117	10156	10208	10278	0	0	0	0	0	0	10159
19.	NOF (%)	103.3	103.3	103.1	102.6	102.2	101.5	0	0	0	0	0	0	102.7
20.	NPC (MW)	987	987	987	987	987	987	0	0	0	0	0	0	987

21.	ANOHR EQUATION	ANOHR = A + B (N.O.F.) A = 0                      B = 0											
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NOTE: LINE 17 IS DATA WHEN THE UNIT IS SYNCHRONIZED TO THE SYSTEM

ACTUAL PERFORMANCE DATA  
 COMPANY: FLORIDA POWER AND LIGHT  
 FROM: Jan-2016 TO: Dec-2016

		PLANT / UNIT: TURKEY POINT 03										PTN 03		
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Ytd
1.	EAF (%)	100	100	100	100	100	100	0	0	0	0	0	0	100
2.	PH	744	696	743	720	744	720	0	0	0	0	0	0	4367
3.	SH	744	696	743	720	744	720	0	0	0	0	0	0	4367
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	811	811	811	811	811	811	0	0	0	0	0	0	811
16.	OPER BTU (MBTU)	6705930	6275660	6697674	6489939	6706125	6490134	0	0	0	0	0	0	39365463
17.	NET GEN	626513	586289	618211	599093	612449	587530	0	0	0	0	0	0	3630084
18.	ANOHR (BTU/KWH)	10704	10704	10834	10833	10950	11046	0	0	0	0	0	0	10844
19.	NOF (%)	103.8	103.9	102.6	102.6	101.5	100.6	0	0	0	0	0	0	102.5
20.	NPC (MW)	811	811	811	811	811	811	0	0	0	0	0	0	811

21.	ANOHR EQUATION	ANOHR = A + B (N.O.F.) A = 0                      B = 0											
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NOTE: LINE 17 IS DATA WHEN THE UNIT IS SYNCHRONIZED TO THE SYSTEM

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 EFFECTIVE:  
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 ORDER NO.:



## ACTUAL PERFORMANCE DATA

COMPANY: FLORIDA POWER AND LIGHT

FROM: Jan-2016 TO: Dec-2016

		PLANT / UNIT: TURKEY POINT 04											PTN 04	
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Ytd
1.	EAF (%)	99.8	100	90.1	3.5	95.1	100	0	0	0	0	0	0	81.5
2.	PH	744	696	743	720	744	720	0	0	0	0	0	0	4367
3.	SH	744	696	672.4	46.3	744	720	0	0	0	0	0	0	3622.7
4.	RSH	0	0	0	0	0	0	0	0	0	0	0	0	0
5.	UH	0	0	70.6	673.7	0	0	0	0	0	0	0	0	744.3
6.	POH	0	0	70.6	673.7	0	0	0	0	0	0	0	0	744.3
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	60.43	0	4.15	46.28	52	0	0	0	0	0	0	0	162.87
10.	LR PP (MW)	15.33	0	604.27	368.31	368.28	0	0	0	0	0	0	0	243.32
11.	PFOH	0	0	0	0	27.98	0	0	0	0	0	0	0	27.98
12.	LR PF (MW)	0	0	0	0	395.93	0	0	0	0	0	0	0	395.93
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	821	821	821	821	821	821	0	0	0	0	0	0	821
16.	OPER BTU (MBTU)	6681609	6274859	6045503	172372	6498819	6492105	0	0	0	0	0	0	32165266
17.	NET GEN	628250	590162	560096	12850	596155	593880	0	0	0	0	0	0	2981393
18.	ANOHR (BTU/KWH)	10635	10632	10794	13414	10901	10932	0	0	0	0	0	0	10789
19.	NOF (%)	102.9	103.3	101.5	33.8	97.6	100.5	0	0	0	0	0	0	100.2
20.	NPC (MW)	821	821	821	821	821	821	0	0	0	0	0	0	821

21.	ANOHR EQUATION	ANOHR = A + B (N.O.F.) A = 0                      B = 0											
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NOTE: LINE 17 IS DATA WHEN THE UNIT IS SYNCHRONIZED TO THE SYSTEM

ACTUAL PERFORMANCE DATA  
 COMPANY: FLORIDA POWER AND LIGHT  
 FROM: Jan-2016 TO: Dec-2016

		PLANT / UNIT: WEST COUNTY ENER 01										PWC 01		
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Ytd
1.	EAF (%)	89.6	98.4	99.8	75.8	92.7	96.8	0	0	0	0	0	0	92.2
2.	PH	744	696	743	720	744	720	0	0	0	0	0	0	4367
3.	SH	744	696	743	674.25	744	720	0	0	0	0	0	0	4321.25
4.	RSH	0	0	0	0	0	0	0	0	0	0	0	0	0
5.	UH	0	0	0	45.75	0	0	0	0	0	0	0	0	45.75
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	1.65	0	5.18	54.4	7.1	2.28	0	0	0	0	0	0	70.62
12.	LR PF (MW)	393.98	0	393.98	859.46	394.03	393.98	0	0	0	0	0	0	752.67
13.	PMOH	230.08	33.12	0	420.18	156.05	67.87	0	0	0	0	0	0	907.3
14.	LR PM (MW)	393.98	393.98	0	378.33	393.98	393.98	0	0	0	0	0	0	386.73
15.	NSC	1182	1182	1182	1182	1182	1182	0	0	0	0	0	0	1182
16.	OPER BTU (MBTU)	3727015	3622618	3999969	3202053	4150867	4411314	0	0	0	0	0	0	23113836
17.	NET GEN	525811	509588	551665	445142	583190	622527	0	0	0	0	0	0	3237923
18.	ANOHR (BTU/KWH)	7088	7109	7251	7193	7118	7086	0	0	0	0	0	0	7138
19.	NOF (%)	59.8	61.9	62.8	55.9	66.3	73.1	0	0	0	0	0	0	63.4
20.	NPC (MW)	1225	1225	1225	1199	1199	1199	0	0	0	0	0	0	1212

21.	ANOHR EQUATION	ANOHR = A + B (N.O.F.) A = 0                      B = 0											
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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-2016 TO: Dec-2016

		PLANT / UNIT: WEST COUNTY ENER 02										PWC 02		
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Ytd
1.	EAF (%)	91.4	98	98.4	95.1	94.9	91.4	0	0	0	0	0	0	94.9
2.	PH	744	696	743	720	744	720	0	0	0	0	0	0	4367
3.	SH	692.67	696	743	720	744	720	0	0	0	0	0	0	4315.67
4.	RSH	0	0	0	0	0	0	0	0	0	0	0	0	0
5.	UH	51.33	0	0	0	0	0	0	0	0	0	0	0	51.33
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	51.33	0	0	0	0	0	0	0	0	0	0	0	51.33
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	3.22	1.5	4.37	0	0	0.27	0	0	0	0	0	0	9.35
12.	LR PF (MW)	361.25	390.65	390.65	0	0	390.65	0	0	0	0	0	0	380.53
13.	PMOH	17.95	40.78	31.35	105.65	114.02	184.48	0	0	0	0	0	0	494.23
14.	LR PM (MW)	741.78	390.65	390.7	390.7	390.65	390.65	0	0	0	0	0	0	403.42
15.	NSC	1172	1172	1172	1172	1172	1172	0	0	0	0	0	0	1172
16.	OPER BTU (MBTU)	4217898	4176948	4529309	4445218	4628001	4229869	0	0	0	0	0	0	26227242
17.	NET GEN	612130	604737	656083	645522	669396	607915	0	0	0	0	0	0	3795783
18.	ANOHR (BTU/KWH)	6891	6907	6904	6886	6914	6958	0	0	0	0	0	0	6910
19.	NOF (%)	75.4	74.1	75.3	76.5	76.8	72	0	0	0	0	0	0	75
20.	NPC (MW)	1215	1215	1215	1189	1189	1189	0	0	0	0	0	0	1202

21.	ANOHR EQUATION	ANOHR = A + B (N.O.F.) A = 0                      B = 0											
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NOTE: LINE 17 IS DATA WHEN THE UNIT IS SYNCHRONIZED TO THE SYSTEM

## ACTUAL PERFORMANCE DATA

COMPANY: FLORIDA POWER AND LIGHT

FROM: Jan-2016 TO: Dec-2016

		PLANT / UNIT: TURKEY POINT #5 05										TP5 05		
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Ytd
1.	EAF (%)	99.4	99.5	74.6	99.8	97.8	99.7	0	0	0	0	0	0	95.1
2.	PH	744	696	743	720	744	720	0	0	0	0	0	0	4367
3.	SH	737.77	692.05	601.35	720	715.03	720	0	0	0	0	0	0	4186.2
4.	RSH	6.23	3.95	141.65	0	28.97	0	0	0	0	0	0	0	180.8
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	320.38	0	0	0	0	0	0	0	0	0	320.38
10.	LR PP (MW)	0	0	639.12	0	0	0	0	0	0	0	0	0	639.12
11.	PFOH	2.12	13.27	0.02	6.12	12.83	3.72	0	0	0	0	0	0	38.07
12.	LR PF (MW)	447	271.75	271.75	271.75	271.75	271.75	0	0	0	0	0	0	281.49
13.	PMOH	8	0	0	0	44.15	4.25	0	0	0	0	0	0	56.4
14.	LR PM (MW)	447	0	0	0	318.85	271.75	0	0	0	0	0	0	333.48
15.	NSC	1087	1087	1087	1087	1087	1087	0	0	0	0	0	0	1087
16.	OPER BTU (MBTU)	3553452	3293456	2783950	4046566	3883654	4092043	0	0	0	0	0	0	21653121
17.	NET GEN	495836	458117	389743	578811	550215	579345	0	0	0	0	0	0	3052067
18.	ANOHR (BTU/KWH)	7167	7189	7143	6991	7058	7063	0	0	0	0	0	0	7095
19.	NOF (%)	61.8	60.9	59.6	74	70.8	74	0	0	0	0	0	0	67.1
20.	NPC (MW)	1169	1169	1169	1197	1197	1197	0	0	0	0	0	0	1183

21.	ANOHR EQUATION	ANOHR = A + B (N.O.F.) A = 0                      B = 0											
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NOTE: LINE 17 IS DATA WHEN THE UNIT IS SYNCHRONIZED TO THE SYSTEM

ACTUAL PERFORMANCE DATA  
 COMPANY: FLORIDA POWER AND LIGHT  
 FROM: Jan-2016 TO: Dec-2016

		PLANT / UNIT: MANATEE UNIT 3 CC 03											PM3 03	
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Ytd
1.	EAF (%)	97	83.5	90.5	96.9	97.3	99.2	0	0	0	0	0	0	94.1
2.	PH	744	696	743	720	744	720	0	0	0	0	0	0	4367
3.	SH	738.4	636.8	743	720	744	720	0	0	0	0	0	0	4302.2
4.	RSH	5.6	40.2	0	0	0	0	0	0	0	0	0	0	45.8
5.	UH	0	19	0	0	0	0	0	0	0	0	0	0	19
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	19	0	0	0	0	0	0	0	0	0	0	19
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	1.98	0	3.17	42.8	0	3.65	0	0	0	0	0	0	51.6
12.	LR PF (MW)	271.75	0	211.83	130.92	0	447	0	0	0	0	0	0	163.66
13.	PMOH	87.78	224.5	270.47	49.25	79.68	16	0	0	0	0	0	0	727.68
14.	LR PM (MW)	271.75	465.69	281.61	377.49	271.75	271.75	0	0	0	0	0	0	342.41
15.	NSC	1087	1087	1087	1087	1087	1087	0	0	0	0	0	0	1087
16.	OPER BTU (MBTU)	4001505	3368194	4074624	4112188	4339290	4459837	0	0	0	0	0	0	24355638
17.	NET GEN	595904	475375	596069	592884	626441	644044	0	0	0	0	0	0	3530717
18.	ANOHR (BTU/KWH)	6715	7085	6836	6936	6927	6925	0	0	0	0	0	0	6898
19.	NOF (%)	74.2	68.7	73.8	75.8	77.5	82.3	0	0	0	0	0	0	75.5
20.	NPC (MW)	1166	1166	1166	1151	1151	1151	0	0	0	0	0	0	1159

21.	ANOHR EQUATION	ANOHR = A + B (N.O.F.) A = 0                      B = 0											
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NOTE: LINE 17 IS DATA WHEN THE UNIT IS SYNCHRONIZED TO THE SYSTEM

FILED:  
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 ORDER NO.:

ACTUAL PERFORMANCE DATA  
 COMPANY: FLORIDA POWER AND LIGHT  
 FROM: Jan-2016 TO: Dec-2016

		PLANT / UNIT: MARTIN-UNIT 8 08						PM8 08						
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Ytd
1.	EAF (%)	58.7	50	64.7	98	92.4	99.8	0	0	0	0	0	0	77.4
2.	PH	744	696	743	720	744	720	0	0	0	0	0	0	4367
3.	SH	738.67	696	743	720	744	720	0	0	0	0	0	0	4361.67
4.	RSH	5.33	0	0	0	0	0	0	0	0	0	0	0	5.33
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	671.98	696	614.5	0	0	0	0	0	0	0	0	0	1982.48
10.	LR PP (MW)	478.64	537.5	456.42	0	0	0	0	0	0	0	0	0	492.42
11.	PFOH	9.77	0	3	17.5	8.33	4.47	0	0	0	0	0	0	43.07
12.	LR PF (MW)	268.75	0	443	268.75	301.51	268.75	0	0	0	0	0	0	287.23
13.	PMOH	21.12	0	0	39.27	216.55	1	0	0	0	0	0	0	277.93
14.	LR PM (MW)	268.75	0	0	268.75	268.08	268.75	0	0	0	0	0	0	268.23
15.	NSC	1075	1075	1075	1075	1075	1075	0	0	0	0	0	0	1075
16.	OPER BTU (MBTU)	2825555	2356485	2946523	4073244	4088449	4365123	0	0	0	0	0	0	20655380
17.	NET GEN	408640	344726	416744	596420	600994	632661	0	0	0	0	0	0	3000185
18.	ANOHR (BTU/KWH)	6915	6836	7070	6829	6803	6900	0	0	0	0	0	0	6885
19.	NOF (%)	51.5	46.1	52.2	77.1	75.1	81.7	0	0	0	0	0	0	64
20.	NPC (MW)	1160	1160	1160	1145	1145	1145	0	0	0	0	0	0	1153
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

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

ISSUED BY: FLORIDA POWER & LIGHT CO.

## ACTUAL PERFORMANCE DATA

COMPANY: FLORIDA POWER AND LIGHT

From: Jan-2016

To: Dec-2016

PLANT / UNIT: WEST COUNTY ENERGY 03

PWC 03

DATE	OUTAGE TYPE(1)	HOURS	(MW) AFFECTED	DESCRIPTION
01/01/2016	FMO	10.1	236	3B MOF FOR BFP RECIRC VALVE
01/01/2016	PMO	10.1	157.98	Impact loss due to curtailment on 3B
01/06/2016	FMO	37.8	236	3C Task MOF - Performed Leak thru Tests
01/06/2016	PMO	37.8	158.03	Impact loss due to curtailment on 3C
01/09/2016	FFO	1.0	474	3 ST EFOR - Low Instrument Air
01/09/2016	FFO	1.0	236	3A EFOR - Low Instrument Air
01/15/2016	FMO	277.6	236	3B Event MOF - Install Support Ring on BFP Motor
01/15/2016	PMO	277.6	157.98	Impact loss due to curtailment on 3B
01/28/2016	FMO	15.9	236	3A Event MOF - Restricted Water Flow
01/28/2016	PMO	15.9	157.98	Impact loss due to curtailment on 3A
02/08/2016	FMO	281.8	236	3C Event MOF - Replace Row 2 Turbine Blades
02/08/2016	PMO	281.8	158.03	Impact loss due to curtailment on 3C
02/18/2016	FFO	55.5	236	3B EFOR - BFP Motor Tripped on start-up
02/18/2016	PFO	55.5	157.98	Impact loss due to curtailment on 3B
02/21/2016	FFO	14.3	236	3B - EFOR - Missed RFC, BFP Breaker
02/21/2016	PFO	14.3	157.98	Impact loss due to curtailment on 3B
02/23/2016	PFO	0.7	144	3C - EFOR, Runback due to Low Cooling Steam Temp
02/24/2016	FMO	32.0	236	3A - Task MOF - HRSG Casing Inspection
02/24/2016	PMO	32.0	157.98	Impact loss due to curtailment on 3A
02/25/2016	PFO	0.2	139	3C - EFOR - Runback due to low Cooling Steam Temp
02/25/2016	FMO	56.4	236	3C - Task MOF - CT Required a Balance Shot
02/25/2016	PMO	56.4	158.03	Impact loss due to curtailment on 3C
03/14/2016	FFO	2.3	236	3B EFOR - Software Trip
03/14/2016	PFO	2.3	157.98	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-2016

To: Dec-2016

PLANT / UNIT: WEST COUNTY ENERGY 03

PWC 03

DATE	OUTAGE TYPE(1)	HOURS	(MW) AFFECTED	DESCRIPTION
03/14/2016	PFO	0.2	103	3A EFOR - Runback due to Valve Showing False Close
03/17/2016	FPO	226.6	236	3C Planned Reliability Outage
03/17/2016	PPO	8.5	158.03	Impact loss due to curtailment on 3C
03/18/2016	FPO	218.1	474	3ST Planned Reliability outage
03/18/2016	FPO	209.4	236	3B Planned Reliability Outage
03/18/2016	FPO	231.3	236	3A Planned Reliability Outage
03/27/2016	PPO	14.0	157.98	Impact loss due to curtailment on 3A
03/29/2016	FFO	4.9	236	3A EFOR - Hi HP Drum Level Trip
03/29/2016	PFO	4.9	157.98	Impact loss due to curtailment on 3A
03/30/2016	FFO	2.4	236	3A Missed RFC - OMC due to Lightning
03/30/2016	PFO	2.4	157.98	Impact loss due to curtailment on 3A
03/30/2016	FFO	2.5	236	3B Missed RFC - OMC due to Lightning
03/30/2016	PFO	2.5	157.98	Impact loss due to curtailment on 3B
05/10/2016	PMO	104.8	157.98	Impact loss due to curtailment on 3A
05/10/2016	FMO	212.1	236	3A Event MOF - HRSG Tube Leak
05/14/2016	FMO	300.6	474	3ST Event MOF - GSU Replacement
05/16/2016	FFO	1.0	236	3B EFOR - Failed Limit Switch
06/06/2016	PFO	1.8	126	3ST RunBack - T&S Equipment Failure
06/07/2016	PMO	5.7	126	3ST Event MOF - GSU Cooling Fan Troubleshooting
06/22/2016	FFO	22.6	236	3A EFOR - OMC, Reduced Water Flow From ERC
06/22/2016	PFO	22.6	157.98	Impact loss due to curtailment on 3A

(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 &amp; LIGHT CO.



## ACTUAL PERFORMANCE DATA

COMPANY: FLORIDA POWER AND LIGHT

From: Jan-2016

To: Dec-2016

PLANT / UNIT: FORT MYERS 02

PFM 02

DATE	OUTAGE TYPE(1)	HOURS	(MW) AFFECTED	DESCRIPTION
01/01/2016	FPO	739.6	164	2ACT (POF) Planned outage on 2ACT/HRSG DOT 05 Upgrade
01/01/2016	PPO	739.6	59.28	Impact loss due to curtailment on 2A
01/01/2016	PPO	739.6	10.01	Impact loss due to curtailment on 2A
01/01/2016	FFO	1.7	164	2B CT (EFOR) - Direct fired heater failure
01/01/2016	PFO	1.7	10.01	Impact loss due to curtailment on 2B
01/01/2016	PFO	1.7	59.28	Impact loss due to curtailment on 2B
01/03/2016	FMO	44.3	164	2D CT (Event MOF ) Repair HRSG tube leak
01/03/2016	PMO	44.3	10.01	Impact loss due to curtailment on 2D
01/03/2016	PMO	44.3	59.28	Impact loss due to curtailment on 2D
01/05/2016	FFO	5.4	164	2BCT (EFOR) CT Exhaust Outlet Expansion Joint Failure.
01/05/2016	PFO	5.4	10.01	Impact loss due to curtailment on 2B
01/05/2016	PFO	5.4	59.28	Impact loss due to curtailment on 2B
01/07/2016	FFO	0.3	164	2ECT (EFOR) CT Exhaust Frame Blower Failure
01/07/2016	PFO	0.3	10.01	Impact loss due to curtailment on 2E
01/07/2016	PFO	0.3	59.28	Impact loss due to curtailment on 2E
01/10/2016	FFO	5.1	164	2E CT (EFOR) - flame out (Mark VI card)
01/10/2016	PFO	5.1	59.28	Impact loss due to curtailment on 2E
01/10/2016	PFO	5.1	10.01	Impact loss due to curtailment on 2E
01/10/2016	FMO	72.7	164	2B (Event MOF) Replace CT Exhaust Outlet Expansion Joint
01/10/2016	PMO	72.7	59.28	Impact loss due to curtailment on 2B
01/10/2016	PMO	72.7	10.01	Impact loss due to curtailment on 2B
01/13/2016	FMO	44.9	164	2D (Event MOF) Repair tube leak inside unit HRSG
01/13/2016	PMO	44.9	59.28	Impact loss due to curtailment on 2D
01/13/2016	PMO	44.9	10.01	Impact loss due to curtailment on 2D

(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-2016

To: Dec-2016

PLANT / UNIT: FORT MYERS 02

PFM 02

DATE	OUTAGE TYPE(1)	HOURS	(MW) AFFECTED	DESCRIPTION
01/31/2016	FPO	0.1	164	2A CT (POF) 2ACT DOT 05 COMPRESSOR UPGRADE
01/31/2016	PPO	0.1	59.28	Impact loss due to curtailment on 2A
01/31/2016	PPO	0.1	10.01	Impact loss due to curtailment on 2A
02/01/2016	FPO	0.6	164	2A CT (POF) 2ACT DOT 05 COMPRESSOR UPGRADE
02/01/2016	PPO	0.6	59.28	Impact loss due to curtailment on 2A
02/01/2016	PPO	0.6	10.01	Impact loss due to curtailment on 2A
02/01/2016	FPO	11.5	164	2A CT (POF EXTENSION) 2ACT DOT 05 COMPRESSOR UP
02/01/2016	PPO	11.5	59.28	Impact loss due to curtailment on 2A
02/01/2016	PPO	11.5	10.01	Impact loss due to curtailment on 2A
02/03/2016	FFO	2.0	164	2F CT (EFOR) Startup Failure Exciter Trouble
02/03/2016	PFO	2.0	10.01	Impact loss due to curtailment on 2F
02/03/2016	PFO	2.0	59.28	Impact loss due to curtailment on 2F
02/04/2016	FMO	17.4	164	2A CT ( TASK MOF) Remove Test Equipment From CT Compr
02/04/2016	PMO	17.4	59.28	Impact loss due to curtailment on 2A
02/04/2016	PMO	17.4	10.01	Impact loss due to curtailment on 2A
02/09/2016	FFO	2.9	164	2E CT (EFOR) CT Emergency-Stop switch failed
02/09/2016	PFO	2.9	59.28	Impact loss due to curtailment on 2E
02/09/2016	PFO	2.9	10.01	Impact loss due to curtailment on 2E
02/10/2016	FFO	1.7	60	PFM Streamer 1 (EFOR) Generator Lockout.
02/10/2016	FFO	3.0	164	2E CT (EFOR) CT Emergency- Stop switch failed
02/10/2016	PFO	3.0	59.28	Impact loss due to curtailment on 2E
02/10/2016	PFO	3.0	10.01	Impact loss due to curtailment on 2E
02/14/2016	FMO	41.0	164	2E CT (TASK MOF) Retorque CT Exhaust AO42 Seal
02/14/2016	PMO	41.0	59.28	Impact loss due to curtailment on 2E

(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-2016

To: Dec-2016

PLANT / UNIT: FORT MYERS 02

PFM 02

DATE	OUTAGE TYPE(1)	HOURS	(MW) AFFECTED	DESCRIPTION
02/14/2016	PMO	41.0	10.01	Impact loss due to curtailment on 2E
02/16/2016	FMO	40.2	164	2F CT (TASK MOF) Retorque CT Exhaust AO42 Seal
02/16/2016	PMO	40.2	59.28	Impact loss due to curtailment on 2F
02/16/2016	PMO	40.2	10.01	Impact loss due to curtailment on 2F
02/18/2016	FFO	0.3	164	2A CT (EFOR) High exhaust spread trip
02/18/2016	PFO	0.3	59.29	Impact loss due to curtailment on 2A
02/18/2016	PFO	0.3	10.02	Impact loss due to curtailment on 2A
02/20/2016	FFO	28.7	164	2ECT (EFOR) Boiler Feed Pump Motor Trip
02/20/2016	PFO	28.7	59.29	Impact loss due to curtailment on 2E
02/20/2016	PFO	28.7	10.02	Impact loss due to curtailment on 2E
02/21/2016	FFO	0.0	164	2A CT (EFOR) High exhaust spread trip
02/21/2016	PFO	0.0	59.29	Impact loss due to curtailment on 2A
02/21/2016	PFO	0.0	10.02	Impact loss due to curtailment on 2A
02/21/2016	FMO	42.8	164	2A CT (Task MOF) Retorque exhaust duct expansion joint
02/21/2016	PMO	42.8	59.29	Impact loss due to curtailment on 2A
02/21/2016	PMO	42.8	10.02	Impact loss due to curtailment on 2A
02/23/2016	FMO	42.6	164	2C CT (Task MOF) Re torque exhaust duct expansion joint
02/23/2016	PMO	42.6	59.29	Impact loss due to curtailment on 2C
02/23/2016	PMO	42.6	10.02	Impact loss due to curtailment on 2C
02/26/2016	FFO	6.1	164	2E CT (EFOR) "T" Processor VCMI card failure
02/26/2016	PFO	6.1	59.29	Impact loss due to curtailment on 2E
02/26/2016	PFO	6.1	10.02	Impact loss due to curtailment on 2E
03/08/2016	FFO	0.8	164	2BCT (EFOR) BFP RECICR FLOW TRANSMITTER ISSUE.
03/08/2016	PFO	0.8	59.29	Impact loss due to curtailment on 2B

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

FILED:  
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## ACTUAL PERFORMANCE DATA

COMPANY: FLORIDA POWER AND LIGHT

From: Jan-2016

To: Dec-2016

PLANT / UNIT: FORT MYERS 02

PFM 02

DATE	OUTAGE TYPE(1)	HOURS	(MW) AFFECTED	DESCRIPTION
03/08/2016	PFO	0.8	10.02	Impact loss due to curtailment on 2B
03/10/2016	FFO	28.9	164	2C CT (EFOR) Generator Lockout Unit Trip
03/10/2016	PFO	28.9	59.29	Impact loss due to curtailment on 2C
03/10/2016	PFO	28.9	10.02	Impact loss due to curtailment on 2C
03/11/2016	PPO	1.3	10.02	Impact loss due to curtailment on 2B
03/11/2016	PPO	3.4	59.29	Impact loss due to curtailment on 2B
03/11/2016	FPO	139.9	164	2BCT (POF) 2016-PFM2-MAINTENANCE-ANNUAL-RELIABIL
03/12/2016	PPO	0.4	10.02	Impact loss due to curtailment on 2A
03/12/2016	PPO	2.5	59.29	Impact loss due to curtailment on 2A
03/12/2016	FPO	139.0	164	2ACT (POF) 2016-PFM2-MAINTENANCE-ANNUAL-RELIABIL
03/12/2016	PPO	0.4	10.02	Impact loss due to curtailment on 2C
03/12/2016	PPO	2.5	59.29	Impact loss due to curtailment on 2C
03/12/2016	FPO	139.0	164	2CCT (POF) 2016-PFM2-MAINTENANCE-ANNUAL-RELIABIL
03/12/2016	FPO	138.6	60	PFM ST 1 (POF) 2016-PFM2-MAINTENANCE-ANNUAL-RELI
03/12/2016	FPO	136.5	355	PFM ST 2 (POF) 2016-PFM2-MAINTENANCE-ANNUAL-RELI
03/12/2016	FPO	136.4	164	2DCT (POF) 2016-PFM2-MAINTENANCE-ANNUAL-RELIABIL
03/12/2016	FPO	136.4	164	2ECT (POF) 2016-PFM2-MAINTENANCE-ANNUAL-RELIABIL
03/12/2016	FPO	136.4	164	2FCT (POF) 2016-PFM2-MAINTENANCE-ANNUAL-RELIABIL
03/22/2016	FMO	48.3	164	2A (MOF EVENT) HRSG TUBE LEAK
03/22/2016	PMO	48.3	59.29	Impact loss due to curtailment on 2A
03/22/2016	PMO	48.3	10.02	Impact loss due to curtailment on 2A
03/23/2016	FFO	28.6	164	2E (EFOR) MCC BREAKER 2C41 TRIPPED
03/23/2016	PFO	28.6	59.29	Impact loss due to curtailment on 2E
03/23/2016	PFO	28.6	10.02	Impact loss due to curtailment on 2E

(1) FFO - FULL FORCED OUTAGE  
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 PFO - PARTIAL FORCED OUTAGE  
 FMO - FULL MAINTENANCE OUTAGE

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## ACTUAL PERFORMANCE DATA

COMPANY: FLORIDA POWER AND LIGHT

From: Jan-2016

To: Dec-2016

PLANT / UNIT: FORT MYERS 02

PFM 02

DATE	OUTAGE TYPE(1)	HOURS	(MW) AFFECTED	DESCRIPTION
04/06/2016	FMO	14.4	60	ST1 - (Event MOF) - ST2 Control Valve Repair
04/06/2016	FMO	8.4	355	ST2 - (Event MOF) Repair Main Steam Control Valve #1
04/06/2016	FFO	5.6	355	PFM Stm #2 (EFOR) Vibration When Rolling Steam Turbine
04/06/2016	FFO	3.6	164	2A CT (EFOR) Stm #2 Vibration Issues See Event 20160163.
04/06/2016	FFO	2.5	164	2F CT (EFOR) Stm #2 Vibration Issues See Event 20160163.
04/12/2016	FMO	44.0	164	2A (Event MOF) Repair HRSG Tube Leak
04/12/2016	PMO	44.0	59.29	Impact loss due to curtailment on 2A
04/12/2016	PMO	44.0	10.02	Impact loss due to curtailment on 2A
04/16/2016	FFO	1.4	164	2E (EFOR) CT SPEED PICK UP ISSUES.
04/16/2016	PFO	1.4	59.29	Impact loss due to curtailment on 2E
04/16/2016	PFO	1.4	10.02	Impact loss due to curtailment on 2E
04/22/2016	FFO	2.9	164	2CCT (EFOR) Fuel Gas Valve PM3 Feedback Error
04/22/2016	PFO	2.9	59.29	Impact loss due to curtailment on 2C
04/22/2016	PFO	2.9	10.02	Impact loss due to curtailment on 2C
05/03/2016	FFO	2.9	164	2C CT(EFOR) HP Boiler Feed Pump Trip
05/03/2016	PFO	2.9	59.29	Impact loss due to curtailment on 2C
05/03/2016	PFO	2.9	10.02	Impact loss due to curtailment on 2C
05/04/2016	FFO	2.1	164	2F CT (EFOR) Unit Trip Ovation Communication Error
05/04/2016	PFO	2.1	59.29	Impact loss due to curtailment on 2F
05/04/2016	PFO	2.1	10.02	Impact loss due to curtailment on 2F
05/12/2016	FMO	3.2	60	PFM ST1 (Event MOF) Mark VI Control Card Replaced
05/17/2016	FMO	48.7	164	2A CT (TASK MOF) Convert unit to simple cycle operation
05/17/2016	PMO	48.7	59.29	Impact loss due to curtailment on 2A
05/17/2016	PMO	48.7	10.02	Impact loss due to curtailment on 2A

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

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ISSUED BY: FLORIDA POWER &amp; LIGHT CO.

## ACTUAL PERFORMANCE DATA

COMPANY: FLORIDA POWER AND LIGHT

From: Jan-2016

To: Dec-2016

PLANT / UNIT: FORT MYERS 02

PFM 02

DATE	OUTAGE TYPE(1)	HOURS	(MW) AFFECTED	DESCRIPTION
05/20/2016	FMO	33.6	164	2D CT (Event MOF) Repack HRSG Blow Down Valve SGA-44!
05/20/2016	PMO	33.6	59.29	Impact loss due to curtailment on 2D
05/20/2016	PMO	33.6	10.02	Impact loss due to curtailment on 2D
06/05/2016	FFO	0.6	164	2A CT (EFOR) High Fuel Gas Temp Runback
06/05/2016	PFO	0.6	59.29	Impact loss due to curtailment on 2A
06/05/2016	PFO	0.6	10.02	Impact loss due to curtailment on 2A
06/17/2016	FFO	1.8	164	2D CT (EFOR) Unit Failed to start Exciter starting means
06/17/2016	PFO	1.8	59.29	Impact loss due to curtailment on 2D
06/17/2016	PFO	1.8	10.02	Impact loss due to curtailment on 2D
06/18/2016	PFO	0.7	84	2A CT (Partial EFOR) Combustion Tuning Issues.
06/30/2016	FMO	0.1	164	2A (TASK MOF) REINSTALL BLANKING PLATE
06/30/2016	PMO	0.1	59.29	Impact loss due to curtailment on 2A
06/30/2016	PMO	0.1	10.02	Impact loss due to curtailment on 2A

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

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## ACTUAL PERFORMANCE DATA

COMPANY: FLORIDA POWER AND LIGHT

From: Jan-2016

To: Dec-2016

PLANT / UNIT: ST LUCIE 01

PSL 01

DATE	OUTAGE TYPE(1)	HOURS	(MW) AFFECTED	DESCRIPTION
01/03/2016	PFO	77.7	125.29	U1 UEL Heater Level Control Repair 01032016
03/21/2016	PPO	9.5	115.65	U1 PEL Turbine Valve Test Part 1 032116
03/22/2016	PFO	13.4	183.43	U1 UEL CEA #2 Failed Breaker 032216
03/24/2016	PPO	7.5	90.25	U1 PEL Turbine Valve Test part 2 032416
04/04/2016	PPO	12.2	28.14	U1 PEL MTC Test 04042016

(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:  
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ISSUED BY: FLORIDA POWER &amp; LIGHT CO.

**ACTUAL PERFORMANCE DATA**

**COMPANY: FLORIDA POWER AND LIGHT**

**From: Jan-2016 To: Dec-2016**

**PLANT / UNIT: ST LUCIE 02 PSL 02**

DATE	OUTAGE TYPE(1)	HOURS	(MW) AFFECTED	DESCRIPTION
04/11/2016	PPO	8.7	92.81	U2 PEL Turbine Valve Test 041116

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

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## ACTUAL PERFORMANCE DATA

COMPANY: FLORIDA POWER AND LIGHT

From: Jan-2016

To: Dec-2016

PLANT / UNIT: TURKEY POINT 04

PTN 04

DATE	OUTAGE TYPE(1)	HOURS	(MW) AFFECTED	DESCRIPTION
01/14/2016	PPO	60.4	15.33	Unit 4 planned downpower for MTC test
03/28/2016	PPO	4.2	604.29	Unit 4 Downpower for Cycle 29 RFO - Planned outage
03/29/2016	FPO	744.3	821	Unit 4 Cycle 29 RFO
04/29/2016	PPO	98.3	368.28	Unit 4 Power ascension following Cycle 29 RFO
05/19/2016	PFO	28.0	395.88	PTN Unit 4 Unplanned downpower due to EHC leak on 4C MS

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

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## ACTUAL PERFORMANCE DATA

COMPANY: FLORIDA POWER AND LIGHT

From: Jan-2016

To: Dec-2016

PLANT / UNIT: WEST COUNTY ENERGY 01

PWC 01

DATE	OUTAGE TYPE(1)	HOURS	(MW) AFFECTED	DESCRIPTION
01/08/2016	FMO	131.2	236	1A Event MOF - Repair Tube Leak in LP Preheater Section
01/08/2016	PMO	131.2	157.98	Impact loss due to curtailment on 1A
01/15/2016	FFO	1.7	236	1A EFOR Trip
01/15/2016	PFO	1.7	157.98	Impact loss due to curtailment on 1A
01/27/2016	FMO	132.0	236	1B Event MOF - Repair Tube Leak in LP Preheater Section
01/27/2016	PMO	132.0	157.98	Impact loss due to curtailment on 1B
03/10/2016	FFO	5.2	236	1A EFOR - Tripped on High LP Drum Level
03/10/2016	PFO	5.2	157.98	Impact loss due to curtailment on 1A
04/02/2016	PMO	41.0	157.98	Impact loss due to curtailment on 1A
04/02/2016	FMO	77.6	236	1A Event MOF - HRSG Drain Leaks
04/04/2016	FFO	50.6	474	1ST EFOR - Condenser Leak Caused High Chemistry Levels i
04/04/2016	FFO	30.4	236	1B EFOR - Condenser Leak Caused High Chemistry Levels in
04/04/2016	FFO	45.8	236	1C EFOR - Condenser Leak Caused High Chemistry Levels in
04/05/2016	FMO	108.2	236	1B Task MOF - SCR Inspection and Cleaning
04/06/2016	FFO	15.1	236	1A EFOR - Condenser Leak Caused High Chemistry in Hotwel
04/06/2016	PFO	1.1	157.98	Impact loss due to curtailment on 1A
04/06/2016	PMO	88.2	157.98	Impact loss due to curtailment on 1B
04/12/2016	FMO	129.2	236	1C Event MOF - Fuel Gas Shut-off Valve Leaking Oil
04/12/2016	PMO	129.2	158.03	Impact loss due to curtailment on 1C
04/18/2016	FFO	2.7	236	1C EFOR - Missed RFC due to Malfunction of Cooling Steam \
04/18/2016	PFO	2.7	158.03	Impact loss due to curtailment on 1C
04/20/2016	FMO	84.2	236	1B Event MOF - Leak in Hot Reheat Header
04/20/2016	PMO	84.2	157.98	Impact loss due to curtailment on 1B
04/29/2016	FMO	35.2	236	1A Event MOF - HP Drum Sample Line Leak

(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:  
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## ACTUAL PERFORMANCE DATA

COMPANY: FLORIDA POWER AND LIGHT

From: Jan-2016

To: Dec-2016

PLANT / UNIT: WEST COUNTY ENERGY 01

PWC 01

DATE	OUTAGE TYPE(1)	HOURS	(MW) AFFECTED	DESCRIPTION
04/29/2016	PMO	35.2	157.98	Impact loss due to curtailment on 1A
05/22/2016	FMO	148.0	236	1B Event MOF - RH3 to RH4 Pipe Replacement
05/22/2016	PMO	148.0	157.98	Impact loss due to curtailment on 1B
05/31/2016	FFO	7.1	236	1C Missed RFC - High DP Across Fuel Gas Valve
05/31/2016	PFO	7.1	158.03	Impact loss due to curtailment on 1C
06/14/2016	FFO	2.3	236	1A Missed RFC - Normal Stop Command Executed in Error
06/14/2016	PFO	2.3	157.98	Impact loss due to curtailment on 1A
06/19/2016	FMO	67.9	236	1B Event MOF - BFP Outboard Mechanical Seal Leak
06/19/2016	PMO	67.9	157.98	Impact loss due to curtailment on 1B

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

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## ACTUAL PERFORMANCE DATA

COMPANY: FLORIDA POWER AND LIGHT

From: Jan-2016

To: Dec-2016

PLANT / UNIT: WEST COUNTY ENERGY 02

PWC 02

DATE	OUTAGE TYPE(1)	HOURS	(MW) AFFECTED	DESCRIPTION
01/11/2016	PFO	0.2	136	2C EFOR Runback
01/15/2016	FFO	2.9	232	2B Missed RFC
01/15/2016	PFO	2.9	158.65	Impact loss due to curtailment on 2B
01/19/2016	PFO	0.1	39	2A EFOR Runback During Tuning
01/28/2016	FMO	66.3	232	2A - Event MOF - Restricted Water Flow
01/28/2016	PMO	7.8	158.65	Impact loss due to curtailment on 2A
01/28/2016	FMO	58.5	476	2 ST Event MOF -Restricted Water Flow
01/28/2016	FMO	67.4	232	2C Event MOF - Restricted Water Flow
01/28/2016	FMO	51.3	232	2B Event MOF - Restricted Water Flow
01/31/2016	PMO	9.1	158.7	Impact loss due to curtailment on 2C
02/16/2016	FFO	1.5	232	2B EFOR - Trip Due to High LP Drum Level
02/16/2016	PFO	1.5	158.65	Impact loss due to curtailment on 2B
02/27/2016	FMO	40.8	232	2B - Event MOF - Repair on BFP Recirculation Valve
02/27/2016	PMO	40.8	158.65	Impact loss due to curtailment on 2B
03/02/2016	FFO	4.4	232	2A - EFOR - LP Sky Vent Valve Failed to Operate
03/02/2016	PFO	4.4	158.65	Impact loss due to curtailment on 2A
03/11/2016	FMO	31.4	232	2C Event MOF - Repair to Cooling Steam Drain Valve
03/11/2016	PMO	31.4	158.7	Impact loss due to curtailment on 2C
04/19/2016	FMO	105.7	232	2C Event MOF - Leak in HP Cooling Steam Supply Header
04/19/2016	PMO	105.7	158.7	Impact loss due to curtailment on 2C
05/04/2016	FMO	110.8	232	2B Event MOF - HRSG Tube Leak
05/04/2016	PMO	110.8	158.65	Impact loss due to curtailment on 2B
05/31/2016	FMO	107.4	232	2B Event MOF - HRSG Tube Leak
05/31/2016	PMO	107.4	158.65	Impact loss due to curtailment on 2B

(1) FFO - FULL FORCED OUTAGE  
 PPO - PARTIAL PLANNED OUTAGE  
 PMO - PARTIAL MAINTENANCE OUTAGE  
 PO - PLANNED OUTAGE  
 PFO - PARTIAL FORCED OUTAGE  
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## ACTUAL PERFORMANCE DATA

COMPANY: FLORIDA POWER AND LIGHT

From: Jan-2016

To: Dec-2016

PLANT / UNIT: WEST COUNTY ENERGY 02

PWC 02

DATE	OUTAGE TYPE(1)	HOURS	(MW) AFFECTED	DESCRIPTION
06/07/2016	FMO	80.3	232	2A Event MOF - BFP Motor Swap
06/07/2016	PMO	80.3	158.65	Impact loss due to curtailment on 2A
06/14/2016	FFO	0.3	232	2B Missed RFC - Abnormal TCA Water Temperatures
06/14/2016	PFO	0.3	158.65	Impact loss due to curtailment on 2B

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

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## ACTUAL PERFORMANCE DATA

COMPANY: FLORIDA POWER AND LIGHT

From: Jan-2016

To: Dec-2016

PLANT / UNIT: TURKEY POINT #5 05

TP5 05

DATE	OUTAGE TYPE(1)	HOURS	(MW) AFFECTED	DESCRIPTION
01/10/2016	FMO	8.0	447	PTC Steam Turbine SNOW for Temp Controlroom Setup
01/10/2016	FFO	2.1	447	PTC Steam Turbine Eccentricity Fault
02/17/2016	FFO	13.3	160	CT5C Shutdown due Power Potential Transformer
02/17/2016	PFO	13.3	111.75	Impact loss due to curtailment on 5C
03/01/2016	PPO	97.9	111.75	Impact loss due to curtailment on 5A
03/01/2016	PPO	97.9	111.75	Impact loss due to curtailment on 5B
03/01/2016	FPO	168.0	160	K5A716 Reliability Outage
03/01/2016	FPO	168.0	160	5B CT Reliability Outage K5B716
03/05/2016	FPO	142.2	447	PTC5 Steam Turbine Reliability Outage K05716
03/08/2016	FPO	148.2	160	5D CT Reliability Outage K5D716
03/08/2016	FPO	152.4	160	5C CT Reliability Outage K5C716
03/11/2016	PPO	76.2	111.75	Impact loss due to curtailment on 5D
03/11/2016	PPO	80.4	111.75	Impact loss due to curtailment on 5C
03/11/2016	FFO	0.0	160	5A CT Trip due IP Drum Level
03/11/2016	PFO	0.0	111.75	Impact loss due to curtailment on 5A
04/23/2016	FFO	6.1	160	PTC 5C Trip due to Inlet Bleed Heat System Failure
04/23/2016	PFO	6.1	111.75	Impact loss due to curtailment on 5C
05/01/2016	FMO	32.3	160	PTC 5D Event MOF - Repair IP Feedwater Regulating Valve
05/01/2016	PMO	32.3	111.75	Impact loss due to curtailment on 5D
05/06/2016	FMO	11.9	447	PTC 5ST Event MOF to Repair Common Header Steam Leaks
05/26/2016	FFO	12.8	160	PTF 5C Trip Due to Blown Potential Transformer Fuse
05/26/2016	PFO	12.8	111.75	Impact loss due to curtailment on 5C
06/14/2016	FFO	3.6	160	PTC CT 5C FAILURE OF BFP RECIRC VALVE
06/14/2016	PFO	3.6	111.75	Impact loss due to curtailment on 5C

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

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## ACTUAL PERFORMANCE DATA

COMPANY: FLORIDA POWER AND LIGHT

From: Jan-2016

To: Dec-2016

PLANT / UNIT: TURKEY POINT #5 05

TP5 05

DATE	OUTAGE TYPE(1)	HOURS	(MW) AFFECTED	DESCRIPTION
06/14/2016	FMO	4.3	160	PTC CT 5C EVENT MOF POTENTIAL TRANSFORMER REPI
06/14/2016	PMO	4.3	111.75	Impact loss due to curtailment on 5C
06/24/2016	FFO	0.1	160	PTC CT 5C HUMAN ERROR FORCED POINT
06/24/2016	PFO	0.1	111.75	Impact loss due to curtailment on 5C

(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 &amp; LIGHT CO.

## ACTUAL PERFORMANCE DATA

COMPANY: FLORIDA POWER AND LIGHT

From: Jan-2016

To: Dec-2016

PLANT / UNIT: MANATEE UNIT 3 CC 03

PM3 03

DATE	OUTAGE TYPE(1)	HOURS	(MW) AFFECTED	DESCRIPTION
01/10/2016	FMO	75.5	160	3A SNOW to repair Pre-heater leaks
01/10/2016	PMO	75.5	111.75	Impact loss due to curtailment on 3A
01/20/2016	FFO	2.0	160	3A EFOR
01/20/2016	PFO	2.0	111.75	Impact loss due to curtailment on 3A
01/29/2016	FMO	12.3	160	3A SNOW to repair inlet heat bleed valve.
01/29/2016	PMO	12.3	111.75	Impact loss due to curtailment on 3A
02/19/2016	FMO	178.1	160	2016-PMT3B-MAINTENANCE-ANNUAL-RELIABILITY-L3B717
02/19/2016	PMO	158.0	111.75	Impact loss due to curtailment on 3B
02/19/2016	FMO	172.8	160	2016-PMT3A-MAINTENANCE-ANNUAL-RELIABILITY-L3A717
02/19/2016	PMO	152.7	111.75	Impact loss due to curtailment on 3A
02/20/2016	FMO	20.1	447	3STG SNOW to test 3A Collector Buss Relays- NERC Require
02/20/2016	FMO	19.2	160	3C SNOW to test 3A Collector Buss Relays- NERC Required
02/20/2016	FMO	19.0	160	3D SNOW to test 3A Collector Buss Relays- NERC Required
02/27/2016	FMO	173.2	160	2016-PMT3C-MAINTENANCE-ANNUAL-RELIABILITY-L3C717
02/27/2016	PMO	173.2	111.75	Impact loss due to curtailment on 3C
03/04/2016	FMO	177.8	160	2016-PMT3D-MAINTENANCE-ANNUAL-RELIABILITY-L3D717
03/04/2016	PMO	177.8	111.75	Impact loss due to curtailment on 3D
03/22/2016	PFO	3.2	111.75	Impact loss due to curtailment on 3C
03/22/2016	PFO	3.2	30	3C Partial EFOR due to IP Back Pressure Positioner Issue
03/22/2016	FFO	0.8	160	3A EFOR-CT Trip on combustion trouble
03/22/2016	PFO	0.8	111.75	Impact loss due to curtailment on 3A
04/04/2016	FFO	2.6	160	3B Tripped due to Compressor Bleed VLv Issue
04/04/2016	PFO	2.6	111.75	Impact loss due to curtailment on 3B
04/08/2016	FMO	29.7	447	3STG SNOW to Fix Steam Turbine Gen Oil leak- Event MOF

(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:  
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## ACTUAL PERFORMANCE DATA

COMPANY: FLORIDA POWER AND LIGHT

From: Jan-2016

To: Dec-2016

PLANT / UNIT: MANATEE UNIT 3 CC 03

PM3 03

DATE	OUTAGE TYPE(1)	HOURS	(MW) AFFECTED	DESCRIPTION
04/20/2016	PFO	40.2	111.75	Impact loss due to curtailment on 3C
04/20/2016	PFO	40.2	10	3C tripped on low LP drum level
04/21/2016	FMO	19.5	160	3C SNOW to repair IP FW Valve- Event MOF
04/21/2016	PMO	19.5	111.75	Impact loss due to curtailment on 3C
05/06/2016	FMO	22.0	160	3D SNOW to replace CT aux lube oil motor - Event Related
05/06/2016	PMO	22.0	111.75	Impact loss due to curtailment on 3D
05/23/2016	FMO	57.7	160	3A SNOW to repair Preheater tube leak- Event Related.
05/23/2016	PMO	57.7	111.75	Impact loss due to curtailment on 3A
06/02/2016	FMO	16.0	160	3C SNOW to replace CT Lift Oil Solenoid - Event Related
06/02/2016	PMO	16.0	111.75	Impact loss due to curtailment on 3C
06/18/2016	FFO	3.7	447	3 STG 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.:  
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ISSUED BY: FLORIDA POWER &amp; LIGHT CO.

## ACTUAL PERFORMANCE DATA

COMPANY: FLORIDA POWER AND LIGHT

From: Jan-2016

To: Dec-2016

PLANT / UNIT: MARTIN-UNIT 8 08

PM8 08

DATE	OUTAGE TYPE(1)	HOURS	(MW) AFFECTED	DESCRIPTION
01/04/2016	FPO	1440.0	158	8C POF - Dot 05 upgrade and Gen Major
01/04/2016	PPO	1440.0	110.75	Impact loss due to curtailment on 8C
01/08/2016	FPO	185.5	158	8B POF - FUEL CAPS REPLACE, BOROSCOPE, BOP-N8B7
01/08/2016	PPO	185.5	110.75	Impact loss due to curtailment on 8B
01/13/2016	FFO	3.1	158	8A CT EFOR - lean blow out
01/13/2016	PFO	3.1	110.75	Impact loss due to curtailment on 8A
01/16/2016	FMO	21.1	158	8A Event MOF - solar valve repair
01/16/2016	PMO	21.1	110.75	Impact loss due to curtailment on 8A
01/17/2016	FPO	1442.3	158	8D POF - .05 upgrade
01/17/2016	PPO	1442.3	110.75	Impact loss due to curtailment on 8D
01/18/2016	FFO	6.7	158	8B EFOR - turbine fan issue
01/18/2016	PFO	6.7	110.75	Impact loss due to curtailment on 8B
03/03/2016	FPO	139.2	158	8C POF extension - Dot 05 upgrade and gen major
03/03/2016	PPO	139.2	110.75	Impact loss due to curtailment on 8C
03/09/2016	FPO	0.0	158	8C POF - Dot 05 upgrade and gen major (1 minute)
03/09/2016	PPO	0.0	110.75	Impact loss due to curtailment on 8C
03/09/2016	FPO	34.0	158	8C POF extension - Dot 05 upgrade and gen major
03/09/2016	PPO	34.0	110.75	Impact loss due to curtailment on 8C
03/11/2016	FPO	0.0	158	8C POF - Dot 05 upgrade and gen major (1 minute)
03/11/2016	PPO	0.0	110.75	Impact loss due to curtailment on 8C
03/11/2016	FPO	4.7	158	8C POF extension - Dot 05 upgrade and gen major
03/11/2016	PPO	4.7	110.75	Impact loss due to curtailment on 8C
03/11/2016	FPO	0.0	158	8C POF - Dot 05 upgrade and gen major (1 minute)
03/11/2016	PPO	0.0	110.75	Impact loss due to curtailment on 8C

(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:  
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ISSUED BY: FLORIDA POWER &amp; LIGHT CO.

## ACTUAL PERFORMANCE DATA

COMPANY: FLORIDA POWER AND LIGHT

From: Jan-2016

To: Dec-2016

PLANT / UNIT: MARTIN-UNIT 8 08

PM8 08

DATE	OUTAGE TYPE(1)	HOURS	(MW) AFFECTED	DESCRIPTION
03/11/2016	FPO	29.7	158	8C POF extension - Dot 05 upgrade and gen major
03/11/2016	PPO	29.7	110.75	Impact loss due to curtailment on 8C
03/12/2016	FPO	0.0	158	8C POF - Dot 05 upgrade and gen major (1 minute)
03/12/2016	PPO	0.0	110.75	Impact loss due to curtailment on 8C
03/12/2016	FPO	1.9	158	8C POF extension - Dot 05 upgrade and gen major
03/12/2016	PPO	1.9	110.75	Impact loss due to curtailment on 8C
03/13/2016	FPO	0.0	158	8C POF - Dot 05 upgrade and gen major (1 minute)
03/13/2016	PPO	0.0	110.75	Impact loss due to curtailment on 8C
03/13/2016	FPO	115.9	158	8C POF extension - Dot 05 upgrade and gen major
03/13/2016	PPO	115.9	110.75	Impact loss due to curtailment on 8C
03/17/2016	FPO	46.9	158	8D POF extension - Dot 05 upgrade and gen major
03/17/2016	PPO	46.9	110.75	Impact loss due to curtailment on 8D
03/19/2016	FPO	0.0	158	8D POF - Dot 05 upgrade and gen major (1 minute)
03/19/2016	PPO	0.0	110.75	Impact loss due to curtailment on 8D
03/19/2016	FPO	11.7	158	8D POF extension - Dot 05 upgrade and gen major
03/19/2016	PPO	11.7	110.75	Impact loss due to curtailment on 8D
03/21/2016	FPO	0.0	158	8C POF - Dot 05 upgrade and gen major (1 minute)
03/21/2016	PPO	0.0	110.75	Impact loss due to curtailment on 8C
03/21/2016	FPO	33.8	158	8C POF extension - Dot 05 upgrade and gen major
03/21/2016	PPO	33.8	110.75	Impact loss due to curtailment on 8C
03/21/2016	FPO	0.0	158	8D POF - Dot 05 upgrade and gen major (1 minute)
03/21/2016	PPO	0.0	110.75	Impact loss due to curtailment on 8D
03/21/2016	FPO	23.6	158	8D POF extension - Dot 05 upgrade and gen major
03/21/2016	PPO	23.6	110.75	Impact loss due to curtailment on 8D

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

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## ACTUAL PERFORMANCE DATA

COMPANY: FLORIDA POWER AND LIGHT

From: Jan-2016

To: Dec-2016

PLANT / UNIT: MARTIN-UNIT 8 08

PM8 08

DATE	OUTAGE TYPE(1)	HOURS	(MW) AFFECTED	DESCRIPTION
03/22/2016	FPO	0.0	158	8C POF - Dot 05 upgrade and gen major (1 minute)
03/22/2016	PPO	0.0	110.75	Impact loss due to curtailment on 8C
03/22/2016	FPO	1.9	158	8C POF extension - Dot 05 upgrade and gen major
03/22/2016	PPO	1.9	110.75	Impact loss due to curtailment on 8C
03/22/2016	FPO	0.0	158	8C POF - Dot 05 upgrade and gen major (1 minute)
03/22/2016	PPO	0.0	110.75	Impact loss due to curtailment on 8C
03/22/2016	FPO	19.6	158	8C POF extension - Dot 05 upgrade and gen major
03/22/2016	PPO	19.6	110.75	Impact loss due to curtailment on 8C
03/23/2016	FPO	0.0	158	8C POF - Dot 05 upgrade and gen major (1 minute)
03/23/2016	PPO	0.0	110.75	Impact loss due to curtailment on 8C
03/23/2016	FPO	10.1	158	8C POF extension - Dot 05 upgrade and gen major
03/23/2016	PPO	10.1	110.75	Impact loss due to curtailment on 8C
03/24/2016	FPO	0.0	158	8C POF - Dot 05 upgrade and gen major (1 minute)
03/24/2016	PPO	0.0	110.75	Impact loss due to curtailment on 8C
03/24/2016	FPO	4.9	158	8C POF extension - Dot 05 upgrade and gen major
03/24/2016	PPO	4.9	110.75	Impact loss due to curtailment on 8C
03/24/2016	FPO	0.0	158	8C POF - Dot 05 upgrade and gen major (1 minute)
03/24/2016	PPO	0.0	110.75	Impact loss due to curtailment on 8C
03/24/2016	FPO	30.7	158	8C POF extension - Dot 05 upgrade and gen major
03/24/2016	PPO	27.7	110.75	Impact loss due to curtailment on 8C
03/25/2016	FPO	0.0	158	8D POF - Dot 05 upgrade and gen major (1 minute)
03/25/2016	PPO	0.0	110.75	Impact loss due to curtailment on 8D
03/25/2016	FPO	57.6	158	8D POF extension - Dot 05 upgrade and gen major
03/25/2016	PPO	54.6	110.75	Impact loss due to curtailment on 8D

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

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## ACTUAL PERFORMANCE DATA

COMPANY: FLORIDA POWER AND LIGHT

From: Jan-2016

To: Dec-2016

PLANT / UNIT: MARTIN-UNIT 8 08

PM8 08

DATE	OUTAGE TYPE(1)	HOURS	(MW) AFFECTED	DESCRIPTION
03/25/2016	FFO	3.0	443	8X EFOR - Generator lock out on field ground detector
03/27/2016	FPO	0.0	158	8D POF - Dot 05 upgrade and gen major (1 minute)
03/27/2016	PPO	0.0	110.75	Impact loss due to curtailment on 8D
03/27/2016	FPO	0.9	158	8D POF extension - Dot 05 upgrade and gen major
03/27/2016	PPO	0.9	110.75	Impact loss due to curtailment on 8D
04/03/2016	FMO	35.1	158	8D Event MOF - Atom Air Compressor Repair
04/03/2016	PMO	35.1	110.75	Impact loss due to curtailment on 8D
04/07/2016	FFO	6.0	158	8C EFOR - Gas vent valve failed to operate
04/07/2016	PFO	6.0	110.75	Impact loss due to curtailment on 8C
04/10/2016	FFO	8.6	158	8C EFOR - CT controls communication issue
04/10/2016	PFO	8.6	110.75	Impact loss due to curtailment on 8C
04/15/2016	FFO	3.0	158	8C EFOR -Failed to start correctly
04/15/2016	PFO	3.0	110.75	Impact loss due to curtailment on 8C
04/30/2016	FMO	32.2	158	8D Task MOF - retorque flex seal as part of .05 upgrade
04/30/2016	PMO	32.2	110.75	Impact loss due to curtailment on 8D
05/06/2016	FFO	1.6	443	8ST EFOR - Low vacuum trip
05/06/2016	FMO	52.4	158	8B Event MOF - Super heater spray valve repair
05/06/2016	PMO	51.1	110.75	Impact loss due to curtailment on 8B
05/14/2016	FMO	106.6	158	8A Task MOF - CT borescoping
05/14/2016	PMO	106.6	110.75	Impact loss due to curtailment on 8A
05/19/2016	FFO	6.8	158	8A EFOR - CT trip during start-up.
05/19/2016	PFO	6.8	110.75	Impact loss due to curtailment on 8A
05/26/2016	FMO	29.5	158	8B Event MOF - Water injection repairs
05/26/2016	PMO	29.5	110.75	Impact loss due to curtailment on 8B

(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:  
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ACTUAL PERFORMANCE DATA  
 COMPANY: FLORIDA POWER AND LIGHT  
 From: Jan-2016 To: Dec-2016  
 PLANT / UNIT: MARTIN-UNIT 8 08 PM8 08

DATE	OUTAGE TYPE(1)	HOURS	(MW) AFFECTED	DESCRIPTION
06/11/2016	FFO	4.5	158	8A EFOR - LCI failed to start
06/11/2016	PFO	4.5	110.75	Impact loss due to curtailment on 8A
06/30/2016	FMO	1.0	158	8D EVENT MOF - MAIN STEAM BLENDING VALVE REPAIR
06/30/2016	PMO	1.0	110.75	Impact loss due to curtailment on 8D

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

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ISSUED BY: FLORIDA POWER & LIGHT CO.

**GPIF Units  
Actual Performance Data (ACRONYMS) for 2016**

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
ANOHR	AVERAGE Net Operating Heat Rate
AA HX	Atomizing Air Heat Exchanger
ABV	Air Block Valve
ACV-3	Automatic Control Valve # 3
ACV-408	Air Control Valve Tag 408
AFW	Auxiliary Feed Water
ASGJ-BV-27ED	A (unit 2A) SGJ (hot reheat to condenser) BV ( block valve) 27 (#) ED ( valve bypass)

**GPIF Units  
Actual Performance Data (ACRONYMS) for 2016**

ACRONYMS	DESCRIPTION
AUX	Auxiliary
AVR	Automatic Voltage Regulator
BBLS	Barrels
BFP	Boiler Feed Pump
BFPT	Boiler Feed Pump Turbine
BRG	Bearing
BRK	Breaker
BSGG	Unit B, main steam section of HRSG
BTU	British Thermal Units
CF	Capacity Factor
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
CPFM	Combustor Pressure Fluctuation Monitor
Cpk	Process Capability Index – or process variability considering specs; 'C <sub>pk</sub> should be 1.33 [4 sigma] or higher to satisfy most customers.'
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
DSH	DeSuperHeater
DWATT XDUCER	Megawatt transducer
DX	DeXcitation
EAF	Equivalent Availability Factor
ECCS	Emergency Core Cooling System
EFOR	Equivalent Forced Outage Rate
EFPD	Effective Full Power Days
EHC	Hydraulic
EJ	Expansion Joint
EOC	End of cycle
EPU	Extended Power Uprate
ESGA	System code for Ft. Myers 2E HRSG
EXP	Expansion
Fa	Failed
FCBBS	Florida Cost Based Broker System



**GPIF Units  
Actual Performance Data (ACRONYMS) for 2016**

<b>ACRONYMS</b>	<b>DESCRIPTION</b>
FENA	Future Enterprise Network A
FGT	Florida Gas Transmission
FME	Foreign Material Exclusion
FMPA	Florida Municipal Power Agency
FPI	Fluorescent penetrant inspection
FPSC	Florida Public Service Commission
FSGJ	F is the unit (2F) SGJ is the system designator
FSNL	Full Speed No Load
FRV	Feedwater Regulating Valve
FTEs	Full Time Equivalent Employees including: Headcount, O.T. i.e. Overtime, & Contractors
FW	Feedwater
FWA	Boiler Feedwater
FWC	Feedwater Control
GCV	Gas Control Valve
GE	General Electric
GPIF	Generating Performance Incentive Factor
GSU	Generator Step Up
GTE	Generator Terminal Enclose
Haz	Hazardous
HC	Headcount
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
IBH	Inlet Bleed Heat Valve
ID	Induced Draft
IGV	Inlet guide vanes
Instr.	Instrumentation
IP	Intermediate Pressure
IRP	Integrated Resource Plan
ISO	Isolation
kWh	Kilowatt Hour
LEFM	Leading Edge Flow Meter
LOI	Letter of Instruction
LCI	Load Commutating Inverter
LCO	Limiting Conditions for Operation
LF	Liquid Fuel
LL	Low Low
LO	Low
LP	Low Pressure
MAJOR	Major Overhaul
MCF	Million cubic feet
PMG	Martin
MS	Main Steam
PMT	Manatee
MFIV	Main Feed Isolation Valve
MF PP	Main Feed Pump

**GPIF Units  
Actual Performance Data (ACRONYMS) for 2016**

ACRONYMS	DESCRIPTION
MFW	Main Feed Water
MG	Motor Generator
MMBTU	Million British Thermal Units
MOF	Maintenance Outage Factor
MOF/AA	Maintenance Outage Factor / Atomizing Air
MOV	Motorized Operating Valve
MRE	Manuel Reject
MSR	Moisture Separator Reheater
MS	Main Steam
MSSV	Main Steam Safety Valve
MSIV	Main Steam Isolation Valves
MTC	Moderator Temperature Coefficient
MW	Megawatt
MUV	Motor actuated <u>U</u> nidirectional <u>V</u> alve
MTC	Moderator Temperature Coefficient
MW	Megawatt
MWh	Megawatt Hour
NEE	NEXTera Energy
NEL	Net Energy for Load
ND	Neutral Disconnect
NHR	Net Heat Rate
NO	No
NSC	Net Summer Continuous Capacity
O/H	Overhaul
OLWW	Off-Line Water Wash
OMC	Outside Management Control
OS	Off-system Sales
OUC	Orlando Utilities Commission
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
PDM	Power Delivery Module
Pmp	Pump
PPA	Purchased Power Agreement
PSE	Cooling Steam Supply
PSF	Cooling Steam Return
PSL	St Lucie
PSR	Sanford
PT	Potential transformer
PWR	Power
QF	Qualifying Facilities
RAP	Resource Assessment & Planning Dept.
R	Repair
R0	Row 0 blades on steam turbine
R1	Row 1 blades on steam turbine
RCP	Reactor Coolant Pump
RCS	Reactor Coolant System

**GPIF Units  
Actual Performance Data (ACRONYMS) for 2016**

<b>ACRONYMS</b>	<b>DESCRIPTION</b>
RFC	Ready For Control
RFO	Refueling Outage
RH	Reheat
RPS	Reactor Protection System
RSD	Reserve Shutdown
RSV	Reheat Stop Valve
RSV1	Reheat Stop Valve Number 1
RV	Release Valve
RW	Repetitive Work
S/U	Startup
SGFP	Steam Generator Feed Pump
SGG	Main Steam - High Pressure
SGJ-ACV-10	System Designator Air Control Valve
SH	Super heat
SIT	Safety Injection Tank
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
TYSP	Ten Year Site Plan
T-Ave	Temperature Average
TC or T/Cs	Thermal/Couples
TCW HX	Turbine Cooling Water Heat Exchanger
TMOF	Task MOF
TVT	Turbine Valve Testing
U1	Unit 1
U2	Unit 2
UEL	Unplanned Energy Loss
ULPM1	Ultra Lean Pre-Mix Valve # 1
UPS	Unit Power Sales Agreement
VCMI	Communication interface board for Mark 6 ovation system
Vi	Roman Numeral 6
VLV	Valve
VTUR	"V" stands for speed and "TUR" is for turbine
WI	Water Injection
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