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October 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 September 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 October 2016, to the following:

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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	97.4	85.8	94.3	0	0	0	87.2
2.	PH	744	696	743	720	744	720	744	744	720	0	0	0	6575
3.	SH	734.08	696	534.12	720	564.2	720	744	744	720	0	0	0	6176.4
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	68.07	2.1	5.28	0	0	0	184.77
12.	LR PF (MW)	710	390.73	390.41	0	236	374.72	341.93	393.98	393.98	0	0	0	371.63
13.	PMOH	341.33	363.93	0	0	405.37	5.72	0	315.02	118.67	0	0	0	1550.03
14.	LR PM (MW)	393.99	400.79	0	0	515.77	126	0	393.98	393.98	0	0	0	426.44
15.	NSC	1182	1182	1182	1182	1182	1182	1182	1182	1182	0	0	0	1182
16.	OPER BTU (MBTU)	3469758	3157859	2737995	3962734	2682527	4519318	4776753	4170504	4434153	0	0	0	33911601
17.	NET GEN	490728	447506	383104	561550	353834	646820	680672	621174	635828	0	0	0	4821216
18.	ANOHR (BTU/KWH)	7071	7057	7147	7057	7581	6987	7018	6714	6974	0	0	0	7034
19.	NOF (%)	56.6	54.4	60.7	66	53.1	76	77.4	70.6	74.7	0	0	0	66
20.	NPC (MW)	1225	1225	1225	1199	1199	1199	1199	1199	1199	0	0	0	1208

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 SYNCRONIZED 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: 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	98.3	97	96.2	0	0	0	93.3
2.	PH	744	696	743	720	744	720	744	744	720	0	0	0	6575
3.	SH	744	696	598.7	720	744	720	744	744	720	0	0	0	6430.7
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	5.13	27.93	5.62	0	0	0	172.08
12.	LR PF (MW)	233.29	226.85	233.31	401.87	233.31	200.67	233.31	233.31	384.71	0	0	0	245.72
13.	PMOH	161.47	150.37	48.32	58.43	85.5	0.08	70.48	104.35	155.83	0	0	0	834.83
14.	LR PM (MW)	233.87	285.56	233.31	241.23	226.89	233.31	233.31	233.31	233.13	0	0	0	242.69
15.	NSC	1399	1399	1399	1399	1399	1399	1399	1399	1399	0	0	0	1399
16.	OPER BTU (MBTU)	5015646	5342667	4546086	5403313	5751812	5566052	6140899	6221987	5864620	0	0	0	49853082
17.	NET GEN	692511	739601	626695	741273	794133	761570	852573	870871	824411	0	0	0	6903638
18.	ANOHR (BTU/KWH)	7243	7224	7254	7289	7243	7309	7203	7145	7114	0	0	0	7221
19.	NOF (%)	66.5	76	74.8	73.6	76.3	75.6	81.9	83.7	81.8	0	0	0	76.7
20.	NPC (MW)	1433	1433	1433	1433	1433	1433	1433	1433	1433	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 SYNCRONIZED TO THE SYSTEM

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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												
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Ytd
1.	EAF (%)	98.7	100	99.4	100	100	100	100	8.6	82.1	0	0	0	87.5
2.	PH	744	696	743	720	744	720	744	744	720	0	0	0	6575
3.	SH	744	696	743	720	744	720	744	94.88	600.02	0	0	0	5805.9
4.	RSH	0	0	0	0	0	0	0	0	0	0	0	0	0
5.	UH	0	0	0	0	0	0	0	649.12	119.98	0	0	0	769.1
6.	POH	0	0	0	0	0	0	0	0	119.98	0	0	0	119.98
7.	FOH	0	0	0	0	0	0	0	649.12	0	0	0	0	649.12
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	27.02	0	0	0	56.22
10.	LR PP (MW)	0	0	104.45	28.14	0	0	0	0	299.1	0	0	0	181.44
11.	PFOH	77.67	0	13.37	0	0	0	0	91.93	2.83	0	0	0	185.8
12.	LR PF (MW)	125.28	0	183.38	0	0	0	0	326.07	292.8	0	0	0	231.36
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	981	981	981	0	0	0	981
16.	OPER BTU (MBTU)	7544271	7163389	7602253	7406780	7657148	7409848	7656876	692920	6089908	0	0	0	59223394
17.	NET GEN	735042	700001	741514	719861	740386	710856	734854	56983	580171	0	0	0	5719668
18.	ANOHR (BTU/KWH)	10264	10233	10252	10289	10342	10424	10420	12160	10497	0	0	0	10354
19.	NOF (%)	100.7	102.5	101.7	101.9	101.4	100.6	100.7	61.2	98.6	0	0	0	100.4
20.	NPC (MW)	981	981	981	981	981	981	981	981	981	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

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**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	100	100	100	0	0	0	100
2.	PH	744	696	743	720	744	720	744	744	720	0	0	0	6575
3.	SH	744	696	743	720	744	720	744	744	720	0	0	0	6575
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	987	987	987	0	0	0	987
16.	OPER BTU (MBTU)	7659671	7167965	7652440	7405395	7661601	7415290	7662739	7660809	7414548	0	0	0	67700457
17.	NET GEN	758905	709323	756399	729151	750542	721487	746434	747149	718940	0	0	0	6638330
18.	ANOHR (BTU/KWH)	10093	10105	10117	10156	10208	10278	10266	10253	10313	0	0	0	10198
19.	NOF (%)	103.3	103.3	103.1	102.6	102.2	101.5	101.6	101.7	101.2	0	0	0	102.3
20.	NPC (MW)	987	987	987	987	987	987	987	987	987	0	0	0	987

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

ISSUED BY: FLORIDA POWER & LIGHT CO.

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

**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	91.9	93.2	100	0	0	0	98.3
2.	PH	744	696	743	720	744	720	744	744	720	0	0	0	6575
3.	SH	744	696	743	720	744	720	699.53	710.8	720	0	0	0	6497.33
4.	RSH	0	0	0	0	0	0	0	0	0	0	0	0	0
5.	UH	0	0	0	0	0	0	44.47	33.2	0	0	0	0	77.67
6.	POH	0	0	0	0	0	0	0	0	0	0	0	0	0
7.	FOH	0	0	0	0	0	0	44.47	33.2	0	0	0	0	77.67
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	56.62	18.8	0	0	0	0	75.42
12.	LR PF (MW)	0	0	0	0	0	0	226.74	763.23	0	0	0	0	360.47
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	811	811	811	0	0	0	811
16.	OPER BTU (MBTU)	6705930	6275660	6697674	6489939	6706125	6490134	6201808	6332403	6490654	0	0	0	58390327
17.	NET GEN	626513	586289	618211	599093	612449	587530	556009	570102	586159	0	0	0	5342354
18.	ANOHR (BTU/KWH)	10704	10704	10834	10833	10950	11046	11154	11107	11073	0	0	0	10930
19.	NOF (%)	103.8	103.9	102.6	102.6	101.5	100.6	98	98.9	100.4	0	0	0	101.4
20.	NPC (MW)	811	811	811	811	811	811	811	811	811	0	0	0	811
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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**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	100	100	100	0	0	0	87.7
2.	PH	744	696	743	720	744	720	744	744	720	0	0	0	6575
3.	SH	744	696	672.4	46.3	744	720	744	744	720	0	0	0	5830.7
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	821	821	821	0	0	0	821
16.	OPER BTU (MBTU)	6681609	6274859	6045503	172372	6498819	6492105	6706645	6707381	6488402	0	0	0	52067694
17.	NET GEN	628250	590162	560096	12850	596155	593880	609210	612144	591805	0	0	0	4794552
18.	ANOHR (BTU/KWH)	10635	10632	10794	13414	10901	10932	11009	10957	10964	0	0	0	10860
19.	NOF (%)	102.9	103.3	101.5	33.8	97.6	100.5	99.7	100.2	100.1	0	0	0	100.2
20.	NPC (MW)	821	821	821	821	821	821	821	821	821	0	0	0	821

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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**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	84.4	82.1	91.6	0	0	0	90.1
2.	PH	744	696	743	720	744	720	744	744	720	0	0	0	6575
3.	SH	744	696	743	674.25	744	720	744	686.9	720	0	0	0	6472.15
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	57.1	0	0	0	0	102.85
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	57.1	0	0	0	0	57.1
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	21.9	0	2.28	0	0	0	94.8
12.	LR PF (MW)	393.98	0	393.98	859.46	394.03	393.98	482.37	0	393.98	0	0	0	681.51
13.	PMOH	230.08	33.12	0	420.18	156.05	67.87	326.8	220.75	179.75	0	0	0	1634.6
14.	LR PM (MW)	393.98	393.98	0	378.33	393.98	393.98	387.11	406.08	393.99	0	0	0	390.22
15.	NSC	1182	1182	1182	1182	1182	1182	1182	1182	1182	0	0	0	1182
16.	OPER BTU (MBTU)	3727015	3622618	3999969	3202053	4150867	4411314	4270344	3932123	4308748	0	0	0	35625051
17.	NET GEN	525811	509588	551665	445142	583190	622527	593603	564327	601776	0	0	0	4997629
18.	ANOHR (BTU/KWH)	7088	7109	7251	7193	7118	7086	7194	6968	7160	0	0	0	7128
19.	NOF (%)	59.8	61.9	62.8	55.9	66.3	73.1	67.5	69.5	70.7	0	0	0	65.3
20.	NPC (MW)	1225	1225	1225	1199	1199	1199	1199	1199	1199	0	0	0	1208

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 SYNCRONIZED TO THE SYSTEM

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**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	97.2	97.7	97.1	0	0	0	95.7
2.	PH	744	696	743	720	744	720	744	744	720	0	0	0	6575
3.	SH	692.67	696	743	720	744	720	744	744	720	0	0	0	6523.67
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	2.25	1.37	30.02	0	0	0	42.98
12.	LR PF (MW)	361.25	390.65	390.65	0	0	390.65	390.7	390.7	390.7	0	0	0	388.49
13.	PMOH	17.95	40.78	31.35	105.65	114.02	184.48	61.02	48.97	32.13	0	0	0	636.35
14.	LR PM (MW)	741.78	390.65	390.7	390.7	390.65	390.65	390.65	390.65	390.65	0	0	0	400.57
15.	NSC	1172	1172	1172	1172	1172	1172	1172	1172	1172	0	0	0	1172
16.	OPER BTU (MBTU)	4217898	4176948	4529309	4445218	4628001	4229869	4830598	4831033	4587120	0	0	0	40475993
17.	NET GEN	612130	604737	656083	645522	669396	607915	696429	684066	655708	0	0	0	5831986
18.	ANOHR (BTU/KWH)	6891	6907	6904	6886	6914	6958	6936	7062	6996	0	0	0	6940
19.	NOF (%)	75.4	74.1	75.3	76.5	76.8	72	79.9	78.5	77.7	0	0	0	76.3
20.	NPC (MW)	1215	1215	1215	1189	1189	1189	1189	1189	1189	0	0	0	1198
21.	ANOHR EQUATION	ANOHR = A + B (N.O.F.) A = 0 B = 0												

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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		
		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	99.4	98.1	98.5	0	0	0	96.3
2.	PH	744	696	743	720	744	720	744	744	720	0	0	0	6575
3.	SH	737.77	692.05	601.35	720	715.03	720	744	744	720	0	0	0	6394.2
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	0.62	5.5	53.02	0	0	0	97.2
12.	LR PF (MW)	447	271.75	271.75	271.75	271.75	271.75	271.75	271.75	224.74	0	0	0	249.92
13.	PMOH	8	0	0	0	44.15	4.25	17.83	52.47	0	0	0	0	126.7
14.	LR PM (MW)	447	0	0	0	318.85	271.75	271.75	271.75	0	0	0	0	299.23
15.	NSC	1087	1087	1087	1087	1087	1087	1087	1087	1087	0	0	0	1087
16.	OPER BTU (MBTU)	3553452	3293456	2783950	4046566	3883654	4092043	4485153	4382669	3818392	0	0	0	34339335
17.	NET GEN	495836	458117	389743	578811	550215	579345	637272	624586	541558	0	0	0	4855483
18.	ANOHR (BTU/KWH)	7167	7189	7143	6991	7058	7063	7038	7017	7051	0	0	0	7072
19.	NOF (%)	61.8	60.9	59.6	74	70.8	74	78.8	77.2	69.2	0	0	0	69.9
20.	NPC (MW)	1169	1169	1169	1197	1197	1197	1197	1197	1197	0	0	0	1188

21.	ANOHR EQUATION	ANOHR = A + B (N.O.F.) A = 0 B = 0											
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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		
		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	100	99.9	96.5	0	0	0	95.7
2.	PH	744	696	743	720	744	720	744	744	720	0	0	0	6575
3.	SH	738.4	636.8	743	720	744	720	744	744	720	0	0	0	6510.2
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	1.58	0.67	0	0	0	53.85
12.	LR PF (MW)	271.75	0	211.83	130.92	0	447	0	271.75	271.75	0	0	0	168.17
13.	PMOH	87.78	224.5	270.47	49.25	79.68	16	0	0	99.02	0	0	0	826.7
14.	LR PM (MW)	271.75	465.69	281.61	377.49	271.75	271.75	0	0	271.75	0	0	0	333.94
15.	NSC	1087	1087	1087	1087	1087	1087	1087	1087	1087	0	0	0	1087
16.	OPER BTU (MBTU)	4001505	3368194	4074624	4112188	4339290	4459837	4602983	4723373	4072141	0	0	0	37754135
17.	NET GEN	595904	475375	596069	592884	626441	644044	660301	682057	589523	0	0	0	5462598
18.	ANOHR (BTU/KWH)	6715	7085	6836	6936	6927	6925	6971	6925	6908	0	0	0	6911
19.	NOF (%)	74.2	68.7	73.8	75.8	77.5	82.3	81.6	84.3	75.3	0	0	0	77.2
20.	NPC (MW)	1166	1166	1166	1151	1151	1151	1151	1151	1151	0	0	0	1156

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

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ISSUED BY: FLORIDA POWER & LIGHT CO.

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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		
		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	97	99.8	92.7	0	0	0	83.8
2.	PH	744	696	743	720	744	720	744	744	720	0	0	0	6575
3.	SH	738.67	696	743	720	744	720	744	744	720	0	0	0	6569.67
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	4.42	0.05	61.97	0	0	0	109.5
12.	LR PF (MW)	268.75	0	443	268.75	301.51	268.75	268.75	268.75	241.1	0	0	0	260.37
13.	PMOH	21.12	0	0	39.27	216.55	1	85.22	5	155.15	0	0	0	523.3
14.	LR PM (MW)	268.75	0	0	268.75	268.08	268.75	268.75	268.75	268.75	0	0	0	268.47
15.	NSC	1075	1075	1075	1075	1075	1075	1075	1075	1075	0	0	0	1075
16.	OPER BTU (MBTU)	2825555	2356485	2946523	4073244	4088449	4365123	4629048	4813753	4123400	0	0	0	34221581
17.	NET GEN	408640	344726	416744	596420	600994	632661	664496	694046	591570	0	0	0	4950297
18.	ANOHR (BTU/KWH)	6915	6836	7070	6829	6803	6900	6966	6936	6970	0	0	0	6913
19.	NOF (%)	51.5	46.1	52.2	77.1	75.1	81.7	83.1	86.8	76.4	0	0	0	70.1
20.	NPC (MW)	1160	1160	1160	1145	1145	1145	1145	1145	1145	0	0	0	1150
21.	ANOHR EQUATION	ANOHR = A + B (N.O.F.)												
		A = 0 B = 0												

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

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**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	PF	0.2	103	3A EFOR - Runback due to Valve Showing False Close
03/17/2016	FP	226.6	236	3C Planned Reliability Outage
03/17/2016	PP	8.5	158.03	Impact loss due to curtailment on 3C
03/18/2016	FP	218.1	474	3ST Planned Reliability outage
03/18/2016	FP	209.4	236	3B Planned Reliability Outage
03/18/2016	FP	231.3	236	3A Planned Reliability Outage
03/27/2016	PP	14.0	157.98	Impact loss due to curtailment on 3A
03/29/2016	FF	4.9	236	3A EFOR - Hi HP Drum Level Trip
03/29/2016	PF	4.9	157.98	Impact loss due to curtailment on 3A
03/30/2016	FF	2.4	236	3A Missed RFC - OMC due to Lightning
03/30/2016	PF	2.4	157.98	Impact loss due to curtailment on 3A
03/30/2016	FF	2.5	236	3B Missed RFC - OMC due to Lightning
03/30/2016	PF	2.5	157.98	Impact loss due to curtailment on 3B
05/10/2016	PM	104.8	157.98	Impact loss due to curtailment on 3A
05/10/2016	FM	212.1	236	3A Event MOF - HRSG Tube Leak
05/14/2016	FM	300.6	474	3ST Event MOF - GSU Replacement
05/16/2016	FF	1.0	236	3B EFOR - Failed Limit Switch
06/06/2016	PF	1.8	126	3ST RunBack - T&S Equipment Failure
06/07/2016	PM	5.7	126	3ST Event MOF - GSU Cooling Fan Troubleshooting
06/22/2016	FF	22.6	236	3A EFOR - OMC, Reduced Water Flow From ERC
06/22/2016	PF	22.6	157.98	Impact loss due to curtailment on 3A
07/05/2016	PF	9.3	11	3C Runback - Load Reduced, Low Ammonia Flow, High NOx E
07/22/2016	FF	56.6	236	3A EFOR - HP Drum Feedwater Stop Valve Leaking
07/22/2016	PF	56.6	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:**  
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**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
07/24/2016	FF	2.3	236	3A EFOR - Open Drain on HP Cooling Steam
07/24/2016	PF	2.3	157.98	Impact loss due to curtailment on 3A
08/05/2016	FF	2.1	236	3A EFOR - Lightning Tripped Protection Devices
08/05/2016	PF	2.1	157.98	Impact loss due to curtailment on 3A
08/18/2016	FM	398.0	236	3A Event MOF - Row 2 Vane Replacement
08/18/2016	PM	398.0	157.98	Impact loss due to curtailment on 3A
09/20/2016	FF	2.5	236	PWC 3A EFOR - Cooling Steam Dump to Condenser, High Ent
09/20/2016	PF	2.5	157.98	Impact loss due to curtailment on 3A
09/20/2016	FF	2.8	236	PWC 3A EFOR - Cooling Steam Dump to Condenser, High Ent
09/20/2016	PF	2.8	157.98	Impact loss due to curtailment on 3A
09/23/2016	FM	35.7	236	PWC 3A Event MOF - Failed Attemperator Control Valve
09/23/2016	PM	35.7	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:**  
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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
01/01/2016	FP	739.6	164	2ACT (POF) Planned outage on 2ACT/HRSG DOT 05 Upgrade
01/01/2016	PP	739.6	59.28	Impact loss due to curtailment on 2A
01/01/2016	PP	739.6	10.01	Impact loss due to curtailment on 2A
01/01/2016	FF	1.7	164	2B CT (EFOR) - Direct fired heater failure
01/01/2016	PF	1.7	59.28	Impact loss due to curtailment on 2B
01/01/2016	PF	1.7	10.01	Impact loss due to curtailment on 2B
01/03/2016	FM	44.3	164	2D CT (Event MOF ) Repair HRSG tube leak
01/03/2016	PM	44.3	59.28	Impact loss due to curtailment on 2D
01/03/2016	PM	44.3	10.01	Impact loss due to curtailment on 2D
01/05/2016	FF	5.4	164	2BCT (EFOR) CT Exhaust Outlet Expansion Joint Failure.
01/05/2016	PF	5.4	59.28	Impact loss due to curtailment on 2B
01/05/2016	PF	5.4	10.01	Impact loss due to curtailment on 2B
01/07/2016	FF	0.3	164	2ECT (EFOR) CT Exhuast Frame Blower Failure
01/07/2016	PF	0.3	59.28	Impact loss due to curtailment on 2E
01/07/2016	PF	0.3	10.01	Impact loss due to curtailment on 2E
01/10/2016	FF	5.1	164	2E CT (EFOR) - flame out (Mark VI card)
01/10/2016	PF	5.1	59.28	Impact loss due to curtailment on 2E
01/10/2016	PF	5.1	10.01	Impact loss due to curtailment on 2E
01/10/2016	FM	72.7	164	2B (Event MOF) Replace CT Exhaust Outlet Expansion Joint
01/10/2016	PM	72.7	10.01	Impact loss due to curtailment on 2B
01/10/2016	PM	72.7	59.28	Impact loss due to curtailment on 2B
01/13/2016	FM	44.9	164	2D (Event MOF) Repair tube leak inside unit HRSG
01/13/2016	PM	44.9	59.28	Impact loss due to curtailment on 2D
01/13/2016	PM	44.9	10.01	Impact loss due to curtailment on 2D

- (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
01/31/2016	FP	0.1	164	2A CT (POF) 2ACT DOT 05 COMPRESSOR UPGRADE
01/31/2016	PP	0.1	59.28	Impact loss due to curtailment on 2A
01/31/2016	PP	0.1	10.01	Impact loss due to curtailment on 2A
02/01/2016	FP	0.6	164	2A CT (POF) 2ACT DOT 05 COMPRESSOR UPGRADE
02/01/2016	PP	0.6	59.28	Impact loss due to curtailment on 2A
02/01/2016	PP	0.6	10.01	Impact loss due to curtailment on 2A
02/01/2016	FP	11.5	164	2A CT (POF EXTENSION) 2ACT DOT 05 COMPRESSOR UP
02/01/2016	PP	11.5	59.28	Impact loss due to curtailment on 2A
02/01/2016	PP	11.5	10.01	Impact loss due to curtailment on 2A
02/03/2016	FF	2.0	164	2F CT (EFOR) Startup Failure Exciter Trouble
02/03/2016	PF	2.0	59.28	Impact loss due to curtailment on 2F
02/03/2016	PF	2.0	10.01	Impact loss due to curtailment on 2F
02/04/2016	FM	17.4	164	2A CT ( TASK MOF) Remove Test Equipment From CT Compr
02/04/2016	PM	17.4	59.28	Impact loss due to curtailment on 2A
02/04/2016	PM	17.4	10.01	Impact loss due to curtailment on 2A
02/09/2016	FF	2.9	164	2E CT (EFOR) CT Emergency-Stop switch failed
02/09/2016	PF	2.9	59.28	Impact loss due to curtailment on 2E
02/09/2016	PF	2.9	10.01	Impact loss due to curtailment on 2E
02/10/2016	FF	1.7	60	PFM Streamer 1 (EFOR) Generator Lockout.
02/10/2016	FF	3.0	164	2E CT (EFOR) CT Emergency- Stop switch failed
02/10/2016	PF	3.0	59.28	Impact loss due to curtailment on 2E
02/10/2016	PF	3.0	10.01	Impact loss due to curtailment on 2E
02/14/2016	FM	41.0	164	2E CT (TASK MOF) Retorque CT Exhaust AO42 Seal
02/14/2016	PM	41.0	59.28	Impact loss due to curtailment on 2E

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

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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	PF	0.8	10.02	Impact loss due to curtailment on 2B
03/10/2016	FF	28.9	164	2C CT (EFOR) Generator Lockout Unit Trip
03/10/2016	PF	28.9	59.29	Impact loss due to curtailment on 2C
03/10/2016	PF	28.9	10.02	Impact loss due to curtailment on 2C
03/11/2016	PP	1.3	10.02	Impact loss due to curtailment on 2B
03/11/2016	PP	3.4	59.29	Impact loss due to curtailment on 2B
03/11/2016	FP	139.9	164	2BCT (POF) 2016-PFM2-MAINTENANCE-ANNUAL-RELIABIL
03/12/2016	PP	0.4	10.02	Impact loss due to curtailment on 2A
03/12/2016	PP	2.5	59.29	Impact loss due to curtailment on 2A
03/12/2016	FP	139.0	164	2ACT (POF) 2016-PFM2-MAINTENANCE-ANNUAL-RELIABIL
03/12/2016	PP	0.4	10.02	Impact loss due to curtailment on 2C
03/12/2016	PP	2.5	59.29	Impact loss due to curtailment on 2C
03/12/2016	FP	139.0	164	2CCT (POF) 2016-PFM2-MAINTENANCE-ANNUAL-RELIABIL
03/12/2016	FP	138.6	60	PFM ST 1 (POF) 2016-PFM2-MAINTENANCE-ANNUAL-RELI/
03/12/2016	FP	136.5	355	PFM ST 2 (POF) 2016-PFM2-MAINTENANCE-ANNUAL-RELI/
03/12/2016	FP	136.4	164	2DCT (POF) 2016-PFM2-MAINTENANCE-ANNUAL-RELIABIL
03/12/2016	FP	136.4	164	2ECT (POF) 2016-PFM2-MAINTENANCE-ANNUAL-RELIABIL
03/12/2016	FP	136.4	164	2FCT (POF) 2016-PFM2-MAINTENANCE-ANNUAL-RELIABIL
03/22/2016	FM	48.3	164	2A (MOF EVENT) HRSG TUBE LEAK
03/22/2016	PM	48.3	59.29	Impact loss due to curtailment on 2A
03/22/2016	PM	48.3	10.02	Impact loss due to curtailment on 2A
03/23/2016	FF	28.6	164	2E (EFOR) MCC BREAKER 2C41 TRIPPED
03/23/2016	PF	28.6	59.29	Impact loss due to curtailment on 2E
03/23/2016	PF	28.6	10.02	Impact loss due to curtailment on 2E

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

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**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	FM	33.6	164	2D CT (Event MOF) Repack HRSG Blow Down Valve SGA-44f
05/20/2016	PM	33.6	59.29	Impact loss due to curtailment on 2D
05/20/2016	PM	33.6	10.02	Impact loss due to curtailment on 2D
06/05/2016	FF	0.6	164	2A CT (EFOR) High Fuel Gas Temp Runback
06/05/2016	PF	0.6	59.29	Impact loss due to curtailment on 2A
06/05/2016	PF	0.6	10.02	Impact loss due to curtailment on 2A
06/17/2016	FF	1.8	164	2D CT (EFOR) Unit Failed to start Exciter starting means
06/17/2016	PF	1.8	59.29	Impact loss due to curtailment on 2D
06/17/2016	PF	1.8	10.02	Impact loss due to curtailment on 2D
06/18/2016	PF	0.7	84	2A CT (Partial EFOR) Combustion Tuning Issues.
06/30/2016	FM	50.1	164	2A (TASK MOF) REINSTALL BLANKING PLATE
06/30/2016	PM	50.1	59.29	Impact loss due to curtailment on 2A
06/30/2016	PM	50.1	10.02	Impact loss due to curtailment on 2A
07/07/2016	FF	2.8	164	2F CT (EFOR) Unit tripped due to low HP drum level
07/07/2016	PF	2.8	59.29	Impact loss due to curtailment on 2F
07/07/2016	PF	2.8	10.02	Impact loss due to curtailment on 2F
07/15/2016	FM	20.5	164	2B CT (Event MOF) HRSG Drain Line Repair
07/15/2016	PM	20.5	59.29	Impact loss due to curtailment on 2B
07/15/2016	PM	20.5	10.02	Impact loss due to curtailment on 2B
07/21/2016	FF	2.3	164	2E CT (EFOR) Exciter Issues
07/21/2016	PF	2.3	59.29	Impact loss due to curtailment on 2E
07/21/2016	PF	2.3	10.02	Impact loss due to curtailment on 2E
08/01/2016	FF	24.1	164	2E CT (EFOR) Mark VI "T" Processor failed
08/01/2016	PF	24.1	59.29	Impact loss due to curtailment on 2E

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**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
08/01/2016	PF	24.1	10.02	Impact loss due to curtailment on 2E
08/08/2016	FM	68.5	164	2D (Event MOF) HRSG Tube Leak Repair.
08/08/2016	PM	68.5	59.29	Impact loss due to curtailment on 2D
08/08/2016	PM	68.5	10.02	Impact loss due to curtailment on 2D
08/20/2016	FF	2.1	164	2E EFOR - Exciter Failure at Unit Startup.
08/20/2016	PF	2.1	59.29	Impact loss due to curtailment on 2E
08/20/2016	PF	2.1	10.02	Impact loss due to curtailment on 2E
08/25/2016	FF	1.8	164	2C (EFOR) - Exciter Trip (False Emergency Stop Signal)
08/25/2016	PF	1.8	59.29	Impact loss due to curtailment on 2C
08/25/2016	PF	1.8	10.02	Impact loss due to curtailment on 2C
08/26/2016	FM	35.9	164	2F (Event MOF) - Repair Tube Leak Inside HRSG
08/26/2016	PM	35.9	59.29	Impact loss due to curtailment on 2F
08/26/2016	PM	35.9	10.02	Impact loss due to curtailment on 2F
09/05/2016	FF	2.9	164	PFM 2F EFOR (OMC) - System disturbance in bus voltage
09/05/2016	FF	2.9	164	PFM 2C EFOR (OMC)- System disturbance in bus voltage
09/05/2016	FF	2.9	164	PFM 2B EFOR (OMC) - System disturbance in bus voltage
09/05/2016	PF	2.9	59.29	Impact loss due to curtailment on 2F
09/05/2016	PF	2.9	10.02	Impact loss due to curtailment on 2F
09/05/2016	PF	2.9	59.29	Impact loss due to curtailment on 2C
09/05/2016	PF	2.9	10.02	Impact loss due to curtailment on 2C
09/05/2016	PF	2.9	59.29	Impact loss due to curtailment on 2B
09/05/2016	PF	2.9	10.02	Impact loss due to curtailment on 2B
09/06/2016	FM	92.8	164	PFM 2D (Event MOF) Repair Tube Leak Inside HRSG
09/06/2016	PM	92.8	59.29	Impact loss due to curtailment on 2D

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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
09/06/2016	PM	90.1	10.02	Impact loss due to curtailment on 2D
09/07/2016	FF	2.8	60	PFM ST 1 (EFOR) Mark VI card
09/15/2016	FM	44.1	164	PFM 2E (Event MOF) Repair tube leak Inside HRSG
09/15/2016	PM	44.1	59.29	Impact loss due to curtailment on 2E
09/15/2016	PM	44.1	10.02	Impact loss due to curtailment on 2E
09/28/2016	FM	18.9	164	PFM 2B CT (Event MOF) Replace Mist Eliminator Motors
09/28/2016	PM	18.9	59.29	Impact loss due to curtailment on 2B
09/28/2016	PM	18.9	10.02	Impact loss due to curtailment on 2B

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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	PF	77.7	125.29	U1 UEL Heater Level Control Repair 01032016
03/21/2016	PP	9.5	115.65	U1 PEL Turbine Valve Test Part 1 032116
03/22/2016	PF	13.4	183.43	U1 UEL CEA #2 Failed Breaker 032216
03/24/2016	PP	7.5	90.25	U1 PEL Turbine Valve Test part 2 032416
04/04/2016	PP	12.2	28.14	U1 PEL MTC Test 04042016
08/01/2016	PF	2.4	250.3	U1 UEL High Pressure Piping Leak (RCS) 080116
08/01/2016	FF	160.5	981	U1 UEL Shutdown - High Pressure Piping Leak (RCS) 080116
08/07/2016	FF	326.1	981	U1 UEL Shutdown - High Pressure Valve Repair (RCS) 080716
08/21/2016	PF	7.4	725.43	U1 UEL - High Pressure Piping Repair (RCS) Uppower 082116
08/21/2016	FF	43.2	981	U1 UEL - Generator Trip - Auto Reactor Scram 082116
08/23/2016	FF	119.3	981	U1 UEL - Heater Drain Cooler Tube Damage 082316
08/28/2016	PF	85.0	292.48	U1 UEL Heater Drain Cooler Leak Up Power 082816
09/24/2016	PP	6.4	156.35	U1 PEL SL1-27 Down Power to 68% 092416
09/25/2016	PP	17.6	312.69	U1 PEL Main Steam Safety Valve (MSSV) Testing 092516
09/25/2016	PP	3.0	522.98	U1 PEL Down Power for SL1-27 092516
09/26/2016	FP	120.0	981	U1 PEL SL1-27 Refueling and Maintenance Outage 092616

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**ACTUAL PERFORMANCE DATA**

**COMPANY: FLORIDA POWER AND LIGHT**

**From: Jan-2016**

**To: Dec-2016**

**PLANT / UNIT:**

**ST LUCIE**

**02**

**PSL 02**

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

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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: TURKEY POINT 03**

**PTN 03**

<b>DATE</b>	<b>OUTAGE TYPE(1)</b>	<b>HOURS</b>	<b>(MW) AFFECTED</b>	<b>DESCRIPTION</b>
07/27/2016	PF	56.6	226.75	Unit 3 power reduction due to FW heater tube leak
07/30/2016	FF	77.7	811	Unit 3 Normal reactor shutdown due to FW heater tube leak
08/02/2016	PF	18.8	763.23	Unit 3 Power ascension following FW heater tube leak.

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- PFO - PARTIAL FORCED 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**

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

- (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: WEST COUNTY ENERGY 01 PWC 01**

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

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**ACTUAL PERFORMANCE DATA**  
**COMPANY: FLORIDA POWER AND LIGHT**  
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**PLANT / UNIT: WEST COUNTY ENERGY 01 PWC 01**

DATE	OUTAGE TYPE(1)	HOURS	(MW) AFFECTED	DESCRIPTION
04/29/2016	PM	35.2	157.98	Impact loss due to curtailment on 1A
05/22/2016	FM	148.0	236	1B Event MOF - RH3 to RH4 Pipe Replacement
05/22/2016	PM	148.0	157.98	Impact loss due to curtailment on 1B
05/31/2016	FF	7.1	236	1C Missed RFC - High DP Across Fuel Gas Valve
05/31/2016	PF	7.1	158.03	Impact loss due to curtailment on 1C
06/14/2016	FF	2.3	236	1A Missed RFC - Normal Stop Command Executed in Error
06/14/2016	PF	2.3	157.98	Impact loss due to curtailment on 1A
06/19/2016	FM	67.9	236	1B Event MOF - BFP Outboard Mechanical Seal Leak
06/19/2016	PM	67.9	157.98	Impact loss due to curtailment on 1B
07/03/2016	PF	0.2	119	1B Runback - HP Cooling Steam Valve Failed to Operate
07/08/2016	FF	18.8	474	1ST EFOR - False Low Vacuum Indication
07/08/2016	FF	2.1	236	1C EFOR - HRH Bypass Rejected to Manual
07/08/2016	FM	326.8	236	1C Event MOF - CT Row 2 Blade Replacement
07/09/2016	PM	312.5	158.03	Impact loss due to curtailment on 1C
07/24/2016	FF	2.9	236	1A Missed RFC - HP Cooling Steam Transition Failed
07/24/2016	PF	2.9	157.98	Impact loss due to curtailment on 1A
08/11/2016	FM	275.5	236	1A Event MOF - Row 2 Vane Replacement
08/11/2016	PM	212.6	157.98	Impact loss due to curtailment on 1A
08/12/2016	FM	63.0	474	1ST Event MOF - Block SNOW for HRH Bowl Sensing Line Re
08/12/2016	FM	57.5	236	1C Event MOF - Block SNOW for HRH Bowl Sensing Line Rep
08/12/2016	FM	60.2	236	1B Event MOF - Block SNOW for HRH Bowl Sensing Line Rep
08/22/2016	FM	2.3	236	1A Event MOF - CT Tuning After Vane Replacement
08/22/2016	PM	2.3	157.98	Impact loss due to curtailment on 1A
09/03/2016	FM	43.7	236	PWC 1A Task MOF - Inspection of CT due to High Blade Path

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**COMPANY: FLORIDA POWER AND LIGHT**  
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**PLANT / UNIT: WEST COUNTY ENERGY 01 PWC 01**

DATE	OUTAGE TYPE(1)	HOURS	(MW) AFFECTED	DESCRIPTION
09/03/2016	PM	43.7	157.98	Impact loss due to curtailment on 1A
09/08/2016	FM	101.8	236	PWC 1B Event MOF - Multiple Cracks in HRH Line
09/08/2016	PM	101.8	157.98	Impact loss due to curtailment on 1B
09/13/2016	FM	31.8	236	PWC 1C Event MOF - Superheat Spray Block Valve Packing L
09/13/2016	PM	31.8	158.03	Impact loss due to curtailment on 1C
09/15/2016	FF	2.3	236	PWC 1A EFOR - Missed RFC due to High Blade Path Temp Sp
09/15/2016	PF	2.3	157.98	Impact loss due to curtailment on 1A
09/30/2016	FM	2.6	236	PWC 1B Event MOF - Failed Expansion Joint
09/30/2016	PM	2.6	157.98	Impact loss due to curtailment on 1B

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**ACTUAL PERFORMANCE DATA**  
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**PLANT / UNIT: WEST COUNTY ENERGY 02 PWC 02**

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

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**PLANT / UNIT: WEST COUNTY ENERGY 02 PWC 02**

DATE	OUTAGE TYPE(1)	HOURS	(MW) AFFECTED	DESCRIPTION
06/07/2016	FM	80.3	232	2A Event MOF - BFP Motor Swap
06/07/2016	PM	80.3	158.65	Impact loss due to curtailment on 2A
06/14/2016	FF	0.3	232	2B Missed RFC - Abnormal TCA Water Temperatures
06/14/2016	PF	0.3	158.65	Impact loss due to curtailment on 2B
07/22/2016	FF	2.3	232	2C Missed RFC - Failed Compressor Bleed Valve
07/22/2016	PF	2.3	158.7	Impact loss due to curtailment on 2C
07/22/2016	FM	61.0	232	2A Event MOF - HP to Cooling Steam Pipe Leak
07/22/2016	PM	61.0	158.65	Impact loss due to curtailment on 2A
08/21/2016	FF	1.4	232	2C EFOR - CT Casing Cooling Drain Valve Failed to Open
08/21/2016	PF	1.4	158.7	Impact loss due to curtailment on 2C
08/29/2016	FM	81.1	232	2B Event MOF - Replace BFP Recirc Valve
08/29/2016	PM	81.1	158.65	Impact loss due to curtailment on 2B
09/07/2016	FF	1.3	232	PWC 2C EFOR - CT Casing Cooling Drain Valve Failed to Ope
09/07/2016	PF	1.3	158.7	Impact loss due to curtailment on 2C
09/25/2016	FF	28.7	232	PWC 2C EFOR - HP Superheater Steam Leak
09/25/2016	PF	28.7	158.7	Impact loss due to curtailment on 2C

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**ACTUAL PERFORMANCE DATA**  
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**PLANT / UNIT: TURKEY POINT #5 05 TP5 05**

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

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**PLANT / UNIT: TURKEY POINT #5 05 TP5 05**

DATE	OUTAGE TYPE(1)	HOURS	(MW) AFFECTED	DESCRIPTION
06/14/2016	FM	4.3	160	PTC CT 5C EVENT MOF POTENTIAL TRANSFORMER REPL
06/14/2016	PM	4.3	111.75	Impact loss due to curtailment on 5C
06/24/2016	FF	0.1	160	PTC CT 5C HUMAN ERROR FORCED POINT
06/24/2016	PF	0.1	111.75	Impact loss due to curtailment on 5C
07/02/2016	FM	17.8	160	PTC 5C Event MOF Erratic Automatic Voltage Control
07/02/2016	PM	17.8	111.75	Impact loss due to curtailment on 5C
07/27/2016	FF	0.6	160	PTC CT 5B FORCED OUTAGE IGNITOR FAILURE
07/27/2016	PF	0.6	111.75	Impact loss due to curtailment on 5B
08/11/2016	FM	25.3	160	TP5 5C Event MOF - HRSG LP Section Pipe Leak
08/11/2016	PM	25.3	111.75	Impact loss due to curtailment on 5C
08/29/2016	FM	10.7	160	TP5 5C CT Event MOF - Potential Transformer Fuse Replacer
08/29/2016	PM	10.7	111.75	Impact loss due to curtailment on 5C
08/29/2016	FF	5.5	160	PTC CT 5A Force Outage Flame Scanner Failure
08/29/2016	PF	5.5	111.75	Impact loss due to curtailment on 5A
08/31/2016	FM	16.5	160	TP5 5D CT EVENT MOF - IP FEEDWATER REGULATOR REF
08/31/2016	PM	16.5	111.75	Impact loss due to curtailment on 5D
09/03/2016	FF	1.9	160	TP5 CT 5B EFOR - Failure on Ammonia Block valve to SCR
09/03/2016	PF	1.9	111.75	Impact loss due to curtailment on 5B
09/07/2016	PF	44.3	129	TP5 ST Partial EFOR - East Cooling Tower Transformer Failure
09/07/2016	PF	44.3	30	Impact loss due to curtailment on 5E
09/07/2016	PF	44.3	30	Impact loss due to curtailment on 5E
09/07/2016	PF	44.3	30	Impact loss due to curtailment on 5E
09/12/2016	PF	6.8	129	TP5 ST Partial EFOR - East Cooling Tower Back-up generator
09/12/2016	PF	6.8	30	Impact loss due to curtailment on 5E

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**PLANT / UNIT: TURKEY POINT #5 05 TP5 05**

<b>DATE</b>	<b>OUTAGE TYPE(1)</b>	<b>HOURS</b>	<b>(MW) AFFECTED</b>	<b>DESCRIPTION</b>
09/12/2016	PF	6.8	30	Impact loss due to curtailment on 5E
09/12/2016	PF	6.8	30	Impact loss due to curtailment on 5E
09/12/2016	PF	6.8	30	Impact loss due to curtailment on 5E

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**COMPANY: FLORIDA POWER AND LIGHT**  
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**PLANT / UNIT: MANATEE UNIT 3 CC 03 PM3 03**

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

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**PLANT / UNIT: MANATEE UNIT 3 CC 03 PM3 03**

DATE	OUTAGE TYPE(1)	HOURS	(MW) AFFECTED	DESCRIPTION
04/20/2016	PF	40.2	111.75	Impact loss due to curtailment on 3C
04/20/2016	PF	40.2	10	3C tripped on low LP drum level
04/21/2016	FM	19.5	160	3C SNOW to repair IP FW Valve- Event MOF
04/21/2016	PM	19.5	111.75	Impact loss due to curtailment on 3C
05/06/2016	FM	22.0	160	3D SNOW to replace CT aux lube oil motor - Event Related
05/06/2016	PM	22.0	111.75	Impact loss due to curtailment on 3D
05/23/2016	FM	57.7	160	3A SNOW to repair Preheater tube leak- Event Related.
05/23/2016	PM	57.7	111.75	Impact loss due to curtailment on 3A
06/02/2016	FM	16.0	160	3C SNOW to replace CT Lift Oil Soleniod - Event Related
06/02/2016	PM	16.0	111.75	Impact loss due to curtailment on 3C
06/18/2016	FF	3.7	447	3 STG EFOR
08/15/2016	FF	1.6	160	3B Tripped on HP low drum level
08/15/2016	PF	1.6	111.75	Impact loss due to curtailment on 3B
09/02/2016	FM	36.5	160	PM3 3B Event MOF HP Feedwater valve failure
09/02/2016	PM	36.5	111.75	Impact loss due to curtailment on 3B
09/08/2016	FF	0.7	160	3B EFOR due to a failed Compressor Bleed Valve Switch Limit
09/08/2016	PF	0.7	111.75	Impact loss due to curtailment on 3B
09/14/2016	FM	39.0	160	PM3 3B Event MOF HP Feed Water Control Valve failure
09/14/2016	PM	39.0	111.75	Impact loss due to curtailment on 3B
09/30/2016	FM	23.6	160	PM3 3B Event MOF HP Feedwater Control Valve failure
09/30/2016	PM	23.6	111.75	Impact loss due to curtailment on 3B

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- PFO - PARTIAL FORCED OUTAGE
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**COMPANY: FLORIDA POWER AND LIGHT**  
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**PLANT / UNIT: MARTIN-UNIT 8 08 PM8 08**

DATE	OUTAGE TYPE(1)	HOURS	(MW) AFFECTED	DESCRIPTION
01/04/2016	FP	1440.0	158	8C POF - Dot 05 upgrade and Gen Major
01/04/2016	PP	1440.0	110.75	Impact loss due to curtailment on 8C
01/08/2016	FP	185.5	158	8B POF - FUEL CAPS REPLACE, BOROSCOPE, BOP-N8B71
01/08/2016	PP	185.5	110.75	Impact loss due to curtailment on 8B
01/13/2016	FF	3.1	158	8A CT EFOR - lean blow out
01/13/2016	PF	3.1	110.75	Impact loss due to curtailment on 8A
01/16/2016	FM	21.1	158	8A Event MOF - solar valve repair
01/16/2016	PM	21.1	110.75	Impact loss due to curtailment on 8A
01/17/2016	FP	1442.3	158	8D POF - .05 upgrade
01/17/2016	PP	1442.3	110.75	Impact loss due to curtailment on 8D
01/18/2016	FF	6.7	158	8B EFOR - turbine fan issue
01/18/2016	PF	6.7	110.75	Impact loss due to curtailment on 8B
03/03/2016	FP	139.2	158	8C POF extension - Dot 05 upgrade and gen major
03/03/2016	PP	139.2	110.75	Impact loss due to curtailment on 8C
03/09/2016	FP	0.0	158	8C POF - Dot 05 upgrade and gen major (1 minute)
03/09/2016	PP	0.0	110.75	Impact loss due to curtailment on 8C
03/09/2016	FP	34.0	158	8C POF extension - Dot 05 upgrade and gen major
03/09/2016	PP	34.0	110.75	Impact loss due to curtailment on 8C
03/11/2016	FP	0.0	158	8C POF - Dot 05 upgrade and gen major (1 minute)
03/11/2016	PP	0.0	110.75	Impact loss due to curtailment on 8C
03/11/2016	FP	4.7	158	8C POF extension - Dot 05 upgrade and gen major
03/11/2016	PP	4.7	110.75	Impact loss due to curtailment on 8C
03/11/2016	FP	0.0	158	8C POF - Dot 05 upgrade and gen major (1 minute)
03/11/2016	PP	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

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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
03/11/2016	FP	29.7	158	8C POF extension - Dot 05 upgrade and gen major
03/11/2016	PP	29.7	110.75	Impact loss due to curtailment on 8C
03/12/2016	FP	0.0	158	8C POF - Dot 05 upgrade and gen major (1 minute)
03/12/2016	PP	0.0	110.75	Impact loss due to curtailment on 8C
03/12/2016	FP	1.9	158	8C POF extension - Dot 05 upgrade and gen major
03/12/2016	PP	1.9	110.75	Impact loss due to curtailment on 8C
03/13/2016	FP	0.0	158	8C POF - Dot 05 upgrade and gen major (1 minute)
03/13/2016	PP	0.0	110.75	Impact loss due to curtailment on 8C
03/13/2016	FP	115.9	158	8C POF extension - Dot 05 upgrade and gen major
03/13/2016	PP	115.9	110.75	Impact loss due to curtailment on 8C
03/17/2016	FP	46.9	158	8D POF extension - Dot 05 upgrade and gen major
03/17/2016	PP	46.9	110.75	Impact loss due to curtailment on 8D
03/19/2016	FP	0.0	158	8D POF - Dot 05 upgrade and gen major (1 minute)
03/19/2016	PP	0.0	110.75	Impact loss due to curtailment on 8D
03/19/2016	FP	11.7	158	8D POF extension - Dot 05 upgrade and gen major
03/19/2016	PP	11.7	110.75	Impact loss due to curtailment on 8D
03/21/2016	FP	0.0	158	8C POF - Dot 05 upgrade and gen major (1 minute)
03/21/2016	PP	0.0	110.75	Impact loss due to curtailment on 8C
03/21/2016	FP	33.8	158	8C POF extension - Dot 05 upgrade and gen major
03/21/2016	PP	33.8	110.75	Impact loss due to curtailment on 8C
03/21/2016	FP	0.0	158	8D POF - Dot 05 upgrade and gen major (1 minute)
03/21/2016	PP	0.0	110.75	Impact loss due to curtailment on 8D
03/21/2016	FP	23.6	158	8D POF extension - Dot 05 upgrade and gen major
03/21/2016	PP	23.6	110.75	Impact loss due to curtailment on 8D

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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: MARTIN-UNIT 8 08 PM8 08**

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

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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: MARTIN-UNIT 8 08 PM8 08**

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

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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	FF	4.5	158	8A EFOR - LCI failed to start
06/11/2016	PF	4.5	110.75	Impact loss due to curtailment on 8A
06/30/2016	FM	24.0	158	8D EVENT MOF - MAIN STEAM BLENDING VALVE REPAIR
06/30/2016	PM	24.0	110.75	Impact loss due to curtailment on 8D
07/09/2016	FF	1.1	158	8D EFOR - Trip on low HP drum level
07/09/2016	PF	1.1	110.75	Impact loss due to curtailment on 8D
07/10/2016	FF	0.2	158	8C EFOR - CT trip on compressor bleed valve fault
07/10/2016	PF	0.2	110.75	Impact loss due to curtailment on 8C
07/15/2016	FM	37.0	158	8A Event MOF - Tube leak repair, IP Econ drain
07/15/2016	PM	37.0	110.75	Impact loss due to curtailment on 8A
07/16/2016	FF	3.1	158	8C EFOR - Compressor bleed valve failed to operate
07/16/2016	PF	3.1	110.75	Impact loss due to curtailment on 8C
07/30/2016	FM	30.3	158	8C Event MOF - BFP recirc repair, Liquid fuel repairs
07/30/2016	PM	30.3	110.75	Impact loss due to curtailment on 8C
08/14/2016	FF	0.1	158	8C EFOR - Compressor Bleed Valve fault
08/14/2016	PF	0.1	110.75	Impact loss due to curtailment on 8C
09/03/2016	FM	36.3	158	PMR 8B Event MOF - Water injection leak repair
09/03/2016	PM	36.3	110.75	Impact loss due to curtailment on 8B
09/05/2016	FF	2.7	158	PMR 8B EFOR - Atomizing Air Low pressure fault
09/05/2016	PF	2.7	110.75	Impact loss due to curtailment on 8B
09/05/2016	FF	28.5	158	PMR 8B EFOR - Atomizing Air Low pressure fault
09/05/2016	PF	28.5	110.75	Impact loss due to curtailment on 8B
09/09/2016	FM	35.5	158	PMR 8C Event MOF - Replace startup blowdown valve SGA-A
09/09/2016	PM	35.5	110.75	Impact loss due to curtailment on 8C

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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
09/13/2016	FM	28.4	158	PMR 8D Event MOF - Replace Liquid Fuel 2-way actuators
09/13/2016	PM	28.4	110.75	Impact loss due to curtailment on 8D
09/25/2016	FF	5.7	158	PMR 8D EFOR - Atom Air breaker issue
09/25/2016	PF	5.7	110.75	Impact loss due to curtailment on 8D
09/26/2016	FF	4.4	158	PMR 8D EFOR - Atom Air breaker issue
09/26/2016	PF	4.4	110.75	Impact loss due to curtailment on 8D
09/26/2016	FF	2.9	158	PMR 8B EFOR - Atom Air breaker issue
09/26/2016	PF	2.9	110.75	Impact loss due to curtailment on 8B
09/27/2016	FF	2.1	158	PMR 8A EFOR - Loss of excitation from loss of 4160v switchgear
09/27/2016	PF	2.1	110.75	Impact loss due to curtailment on 8A
09/27/2016	FF	4.5	158	PMR 8B EFOR - Loss of excitation from loss of 4160v switchgear
09/27/2016	PF	4.5	110.75	Impact loss due to curtailment on 8B
09/27/2016	FM	55.0	158	PMR 8C Event MOF - Liquid Fuel leak repairs
09/27/2016	PM	55.0	110.75	Impact loss due to curtailment on 8C
09/28/2016	PF	13.9	48	PMR 8A Partial EFOR - Derate, stuck MS isol valve
09/29/2016	FF	2.4	158	PMR 8D EFOR - Atom Air breaker issue
09/29/2016	PF	2.4	110.75	Impact loss due to curtailment on 8D

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- 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)
AUX	Auxiliary
AVR	Automatic Voltage Regulator
BBLs	Barrels

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

ACRONYMS	DESCRIPTION
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
	Process Capability Index – or process variability considering specs; 'C <sub>pk</sub> should be 1.33 [4 sigma] or higher to satisfy most customers.'
Cpk	
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
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

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

ACRONYMS	DESCRIPTION
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
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



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

ACRONYMS	DESCRIPTION
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
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

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

<b>ACRONYMS</b>	<b>DESCRIPTION</b>
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
VCM1	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

**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)
AUX	Auxiliary
AVR	Automatic Voltage Regulator
BBLs	Barrels

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

ACRONYMS	DESCRIPTION
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
	Process Capability Index – or process variability considering specs; 'C <sub>pk</sub> should be 1.33 [4 sigma] or higher to satisfy most customers.'
Cpk	
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
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

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

<b>ACRONYMS</b>	<b>DESCRIPTION</b>
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
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

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

ACRONYMS	DESCRIPTION
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
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

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

<b>ACRONYMS</b>	<b>DESCRIPTION</b>
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
VCM1	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