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August 20, 2015

**-VIA ELECTRONIC FILING -**

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

**Re: Docket No. 150001-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 July 2015. 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. 150001-EI**

I **HEREBY CERTIFY** that a true and correct copy of the foregoing has been furnished by electronic service on this 20th day of August 2015, 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-2015 TO: Dec-2015

		PLANT / UNIT: WEST COUNTY ENER 03											PWC 03	
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Ytd
1.	EAF (%)	94.1	91.9	96.5	99.6	94.1	99.9	94.1	0	0	0	0	0	95.8
2.	PH	744	672	743	720	744	720	744	0	0	0	0	0	5087
3.	SH	744	672	739.23	720	744	720	744	0	0	0	0	0	5083.23
4.	RSH	0	0	0	0	0	0	0	0	0	0	0	0	0
5.	UH	0	0	3.77	0	0	0	0	0	0	0	0	0	3.77
6.	POH	0	0	0	0	0	0	0	0	0	0	0	0	0
7.	FOH	0	0	3.77	0	0	0	0	0	0	0	0	0	3.77
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	4.87	2.12	4.28	5.78	5.65	1.53	2.28	0	0	0	0	0	26.52
12.	LR PF (MW)	400.99	388.92	550.83	402.37	375.24	402.32	402.32	0	0	0	0	0	419.24
13.	PMOH	126.35	161.88	60.1	2.35	127.35	0	130.42	0	0	0	0	0	608.45
14.	LR PM (MW)	402.32	402.36	402.37	402.32	402.32	0	402.37	0	0	0	0	0	402.35
15.	NSC	1207	1207	1207	1207	1207	1207	1207	0	0	0	0	0	1207
16.	OPER BTU (MBTU)	4034572	3699402	4121494	4315342	4147080	4363729	4389275	0	0	0	0	0	29070894
17.	NET GEN	577831	531138	585352	616424	591440	624317	631260	0	0	0	0	0	4157762
18.	ANOHR (BTU/KWH)	6982	6965	7041	7001	7012	6990	6953	0	0	0	0	0	6992
19.	NOF (%)	64.3	65.5	65.6	70.9	65.9	71.8	70.3	0	0	0	0	0	67.8
20.	NPC (MW)	1225	1225	1225	1199	1199	1199	1199	0	0	0	0	0	1210

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-2015 TO: Dec-2015

		PLANT / UNIT: FORT MYERS 02											PFM 02	
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Ytd
1.	EAF (%)	96.7	93.6	96.9	90	96.3	83.3	80.8	0	0	0	0	0	91.1
2.	PH	744	672	743	720	744	720	744	0	0	0	0	0	5087
3.	SH	744	672	743	641.62	744	720	744	0	0	0	0	0	5008.62
4.	RSH	0	0	0	14.42	0	0	0	0	0	0	0	0	14.42
5.	UH	0	0	0	63.96	0	0	0	0	0	0	0	0	63.96
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	63.97	0	0	0	0	0	0	0	0	63.97
9.	PPOH	0	0	0	0	48.47	720	738.78	0	0	0	0	0	1507.25
10.	LR PP (MW)	0	0	0	0	221.33	221.33	221.33	0	0	0	0	0	221.33
11.	PFOH	0.63	3.4	32.8	0	0	1.1	28.1	0	0	0	0	0	66.03
12.	LR PF (MW)	221.33	221.33	141.85	0	0	221.33	221.33	0	0	0	0	0	181.85
13.	PMOH	135.45	255.37	104.98	43.77	118.02	0	89.22	0	0	0	0	0	746.8
14.	LR PM (MW)	241.45	221.33	247.65	252.66	221.33	0	221.33	0	0	0	0	0	230.51
15.	NSC	1327	1327	1327	1327	1327	1327	1327	0	0	0	0	0	1327
16.	OPER BTU (MBTU)	4796342	4742333	5587003	5164002	5650269	5030708	5047525	0	0	0	0	0	36018182
17.	NET GEN	654228	647498	769462	707532	779188	695350	698332	0	0	0	0	0	4951590
18.	ANOHR (BTU/KWH)	7331	7324	7261	7299	7251	7235	7228	0	0	0	0	0	7274
19.	NOF (%)	66.3	72.6	78	83.1	78.9	72.8	70.7	0	0	0	0	0	74.5
20.	NPC (MW)	1433	1433	1433	1422	1422	1422	1422	0	0	0	0	0	1427

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-2015 TO: Dec-2015

		PLANT / UNIT: ST LUCIE 01											PSL 01	
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Ytd
1.	EAF (%)	100	100	69.8	16.9	100	100	100	0	0	0	0	0	83.8
2.	PH	744	672	743	720	744	720	744	0	0	0	0	0	5087
3.	SH	744	672	527.02	154.55	744	720	744	0	0	0	0	0	4305.57
4.	RSH	0	0	0	0	0	0	0	0	0	0	0	0	0
5.	UH	0	0	215.98	565.45	0	0	0	0	0	0	0	0	781.43
6.	POH	0	0	215.98	565.45	0	0	0	0	0	0	0	0	781.43
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	28.05	72.17	0	0	0	0	0	0	0	0	100.22
10.	LR PP (MW)	0	0	294.11	445.28	0	0	0	0	0	0	0	0	402.97
11.	PFOH	0	0	0	0	0	0	0	0	0	0	0	0	0
12.	LR PF (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0
13.	PMOH	0	0	0	0	0	0	0	0	0	0	0	0	0
14.	LR PM (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0
15.	NSC	981	981	981	981	981	981	981	0	0	0	0	0	981
16.	OPER BTU (MBTU)	7657865	6915149	5311172	1273359	7658014	7410689	7658014	0	0	0	0	0	43884261
17.	NET GEN	748550	678124	515489	116826	738647	715734	744773	0	0	0	0	0	4258143
18.	ANOHR (BTU/KWH)	10230	10197	10303	10900	10368	10354	10282	0	0	0	0	0	10306
19.	NOF (%)	102.6	102.9	99.7	77.1	101.2	101.3	102	0	0	0	0	0	100.8
20.	NPC (MW)	981	981	981	981	981	981	981	0	0	0	0	0	981

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-2015 TO: Dec-2015

		PLANT / UNIT: ST LUCIE 02 PSL 02												
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Ytd
1.	EAF (%)	100	82.3	98.2	66.9	100	100	100	0	0	0	0	0	92.7
2.	PH	744	672	743	720	744	720	744	0	0	0	0	0	5087
3.	SH	744	565.53	743	490.28	744	720	744	0	0	0	0	0	4750.82
4.	RSH	0	0	0	0	0	0	0	0	0	0	0	0	0
5.	UH	0	106.47	0	229.72	0	0	0	0	0	0	0	0	336.18
6.	POH	0	0	0	0	0	0	0	0	0	0	0	0	0
7.	FOH	0	106.47	0	229.72	0	0	0	0	0	0	0	0	336.18
8.	MOH	0	0	0	0	0	0	0	0	0	0	0	0	0
9.	PPOH	0	0	86.57	12.25	0	0	0	0	0	0	0	0	98.82
10.	LR PP (MW)	0	0	149.57	26.59	0	0	0	0	0	0	0	0	134.33
11.	PFOH	0	25.83	0	21.93	0	0	0	0	0	0	0	0	47.77
12.	LR PF (MW)	0	472.16	0	363.71	0	0	0	0	0	0	0	0	422.28
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	0	0	0	0	0	987
16.	OPER BTU (MBTU)	7660265	5701061	7517056	4973459	7647006	7407374	7657024	0	0	0	0	0	48563244
17.	NET GEN	757931	562672	737449	487345	746765	724746	754326	0	0	0	0	0	4771234
18.	ANOHR (BTU/KWH)	10107	10132	10193	10205	10240	10221	10151	0	0	0	0	0	10178
19.	NOF (%)	103.2	100.8	100.6	100.7	101.7	102	102.7	0	0	0	0	0	101.8
20.	NPC (MW)	987	987	987	987	987	987	987	0	0	0	0	0	987

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-2015 TO: Dec-2015

		PLANT / UNIT: TURKEY POINT 03											PTN 03	
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Ytd
1.	EAF (%)	100	100	93.5	96.3	87.7	100	100	0	0	0	0	0	96.7
2.	PH	744	672	743	720	744	720	744	0	0	0	0	0	5087
3.	SH	744	672	743	697	664.77	720	744	0	0	0	0	0	4984.77
4.	RSH	0	0	0	0	0	0	0	0	0	0	0	0	0
5.	UH	0	0	0	23	79.23	0	0	0	0	0	0	0	102.23
6.	POH	0	0	0	23	79.23	0	0	0	0	0	0	0	102.23
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	48	7.58	25.77	0	0	0	0	0	0	0	81.35
10.	LR PP (MW)	0	0	450.61	408.41	392.72	0	0	0	0	0	0	0	428.34
11.	PFOH	0	0	43.23	0	0	0	0	0	0	0	0	0	43.23
12.	LR PF (MW)	0	0	407.05	0	0	0	0	0	0	0	0	0	407.05
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	0	0	0	0	0	811
16.	OPER BTU (MBTU)	6704392	6054147	6315859	6250970	5889723	6489463	6703613	0	0	0	0	0	44408166
17.	NET GEN	609922	554315	560234	556443	528164	576992	596055	0	0	0	0	0	3982126
18.	ANOHR (BTU/KWH)	10992	10922	11274	11234	11151	11247	11247	0	0	0	0	0	11152
19.	NOF (%)	101.1	101.7	93	98.4	98	98.8	98.8	0	0	0	0	0	98.5
20.	NPC (MW)	811	811	811	811	811	811	811	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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ACTUAL PERFORMANCE DATA  
 COMPANY: FLORIDA POWER AND LIGHT  
 FROM: Jan-2015 TO: Dec-2015

		PLANT / UNIT: TURKEY POINT 04											PTN 04	
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Ytd
1.	EAF (%)	100	100	100	100	78.4	100	100	0	0	0	0	0	96.8
2.	PH	744	672	743	720	744	720	744	0	0	0	0	0	5087
3.	SH	744	672	743	720	607.22	720	744	0	0	0	0	0	4950.22
4.	RSH	0	0	0	0	0	0	0	0	0	0	0	0	0
5.	UH	0	0	0	0	136.78	0	0	0	0	0	0	0	136.78
6.	POH	0	0	0	0	83.78	0	0	0	0	0	0	0	83.78
7.	FOH	0	0	0	0	53	0	0	0	0	0	0	0	53
8.	MOH	0	0	0	0	0	0	0	0	0	0	0	0	0
9.	PPOH	0	0	0	0	25.77	0	0	0	0	0	0	0	25.77
10.	LR PP (MW)	0	0	0	0	457.27	0	0	0	0	0	0	0	457.27
11.	PFOH	0	4	0	0	14.48	0	0	0	0	0	0	0	18.48
12.	LR PF (MW)	0	1.13	0	0	543.22	0	0	0	0	0	0	0	425.89
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	0	0	0	0	0	821
16.	OPER BTU (MBTU)	6704111	6049209	6694145	6485326	5286041	6488813	6705367	0	0	0	0	0	44413011
17.	NET GEN	617419	559865	607917	582168	476216	579658	598860	0	0	0	0	0	4022102
18.	ANOHR (BTU/KWH)	10858	10805	11012	11140	11100	11194	11197	0	0	0	0	0	11042
19.	NOF (%)	101.1	101.5	99.7	98.5	95.5	98.1	98	0	0	0	0	0	99
20.	NPC (MW)	821	821	821	821	821	821	821	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 SYNCRONIZED TO THE SYSTEM

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ACTUAL PERFORMANCE DATA  
 COMPANY: FLORIDA POWER AND LIGHT  
 FROM: Jan-2015 TO: Dec-2015

		PLANT / UNIT: WEST COUNTY ENER 01											PWC 01	
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Ytd
1.	EAF (%)	99.7	99.8	92.8	94.5	97.1	86.2	90.1	0	0	0	0	0	94.3
2.	PH	744	672	743	720	744	720	744	0	0	0	0	0	5087
3.	SH	744	672	743	720	732.22	720	744	0	0	0	0	0	5075.22
4.	RSH	0	0	0	0	11.78	0	0	0	0	0	0	0	11.78
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	5.65	8.1	3.98	1.92	15.95	8.17	40.63	0	0	0	0	0	84.4
12.	LR PF (MW)	402.32	223.41	402.32	439.14	402.32	462.12	399.94	0	0	0	0	0	390.63
13.	PMOH	0	0	99.65	116.93	39.9	289.65	180.6	0	0	0	0	0	726.73
14.	LR PM (MW)	0	0	633.78	402.35	487	402.32	402.32	0	0	0	0	0	438.71
15.	NSC	1207	1207	1207	1207	1207	1207	1207	0	0	0	0	0	1207
16.	OPER BTU (MBTU)	3942368	3925201	4161057	4179232	4221350	3763505	4203428	0	0	0	0	0	28396141
17.	NET GEN	562348	564922	595111	597679	595864	528869	602054	0	0	0	0	0	4046847
18.	ANOHR (BTU/KWH)	7011	6948	6992	6992	7084	7116	6982	0	0	0	0	0	7017
19.	NOF (%)	62.6	69.6	66.4	68.8	67.4	60.9	67	0	0	0	0	0	66.1
20.	NPC (MW)	1225	1225	1225	1199	1199	1199	1199	0	0	0	0	0	1210

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:  
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 ORDER NO.:

ACTUAL PERFORMANCE DATA  
 COMPANY: FLORIDA POWER AND LIGHT  
 FROM: Jan-2015 TO: Dec-2015

		PLANT / UNIT: WEST COUNTY ENER 02											PWC 02	
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Ytd
1.	EAF (%)	91.6	95.3	93.9	97.3	99.8	96.3	94.7	0	0	0	0	0	95.5
2.	PH	744	672	743	720	744	720	744	0	0	0	0	0	5087
3.	SH	744	672	743	720	744	720	744	0	0	0	0	0	5087
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	7.63	0	0.02	3.63	4.43	0	0	0	0	0	0	0	15.72
12.	LR PF (MW)	402.37	0	146	401.19	402.32	0	0	0	0	0	0	0	401.81
13.	PMOH	180.83	95.45	136.45	55.67	0	79.97	119.4	0	0	0	0	0	667.77
14.	LR PM (MW)	402.32	402.37	402.33	402.32	0	402.32	402.32	0	0	0	0	0	402.33
15.	NSC	1207	1207	1207	1207	1207	1207	1207	0	0	0	0	0	1207
16.	OPER BTU (MBTU)	4295032	4120795	4576642	4618241	4902821	4462410	4623585	0	0	0	0	0	31599527
17.	NET GEN	623428	599116	657343	666593	707462	638442	669429	0	0	0	0	0	4561813
18.	ANOHR (BTU/KWH)	6889	6878	6962	6928	6930	6990	6907	0	0	0	0	0	6927
19.	NOF (%)	69.4	73.9	73.3	76.7	78.8	73.5	74.5	0	0	0	0	0	74.3
20.	NPC (MW)	1215	1215	1215	1189	1189	1189	1189	0	0	0	0	0	1200

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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ACTUAL PERFORMANCE DATA  
 COMPANY: FLORIDA POWER AND LIGHT  
 FROM: Jan-2015 TO: Dec-2015

		PLANT / UNIT: TURKEY POINT #5 05											TP5	05
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Ytd
1.	EAF (%)	99.9	98.7	86.3	87.4	99.9	99.7	100	0	0	0	0	0	96
2.	PH	744	672	743	720	744	720	744	0	0	0	0	0	5087
3.	SH	744	643.08	743	720	744	720	744	0	0	0	0	0	5058.08
4.	RSH	0	28.92	0	0	0	0	0	0	0	0	0	0	28.92
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	3.45	5.53	9.43	0.05	2.88	9.13	0	0	0	0	0	0	30.48
12.	LR PF (MW)	270.25	334.04	270.25	25	165.81	270.25	0	0	0	0	0	0	271.55
13.	PMOH	0	28	396.33	362.83	0	0	0	0	0	0	0	0	787.17
14.	LR PM (MW)	0	270.25	270.25	270.25	0	0	0	0	0	0	0	0	270.25
15.	NSC	1081	1081	1081	1081	1081	1081	1081	0	0	0	0	0	1081
16.	OPER BTU (MBTU)	3750544	3364746	3808221	3984562	4645619	4601143	4461659	0	0	0	0	0	28616494
17.	NET GEN	525806	468521	534956	559816	656947	655683	635832	0	0	0	0	0	4037561
18.	ANOHR (BTU/KWH)	7133	7182	7119	7118	7072	7017	7017	0	0	0	0	0	7088
19.	NOF (%)	65.4	67.4	66.6	71.9	81.7	84.2	79.1	0	0	0	0	0	73.8
20.	NPC (MW)	1169	1169	1169	1197	1197	1197	1197	0	0	0	0	0	1185

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-2015 TO: Dec-2015

		PLANT / UNIT: MANATEE UNIT 3 CC 03											PM3 03	
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Ytd
1.	EAF (%)	100	99.3	100	100	99.8	71.4	99.2	0	0	0	0	0	95.7
2.	PH	744	672	743	720	744	720	744	0	0	0	0	0	5087
3.	SH	735.37	672	737.62	720	744	591.82	744	0	0	0	0	0	4944.8
4.	RSH	8.63	0	5.38	0	0	0	0	0	0	0	0	0	14.02
5.	UH	0	0	0	0	0	128.18	0	0	0	0	0	0	128.18
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	156.63	0	0	0	0	0	0	156.63
10.	LR PP (MW)	0	0	0	0	0	874.97	0	0	0	0	0	0	874.97
11.	PFOH	3.57	0.92	0	0	7	17.6	0.08	0	0	0	0	0	29.17
12.	LR PF (MW)	25	270	0	0	253.71	270	270	0	0	0	0	0	236.13
13.	PMOH	0	17.15	0	0	0	350.77	23	0	0	0	0	0	390.92
14.	LR PM (MW)	0	270	0	0	0	229.2	270	0	0	0	0	0	233.39
15.	NSC	1080	1080	1080	1080	1080	1080	1080	0	0	0	0	0	1080
16.	OPER BTU (MBTU)	3916894	3771075	4361510	4619475	4385718	3162088	4495538	0	0	0	0	0	28712298
17.	NET GEN	574378	557348	633682	667327	624616	447764	640207	0	0	0	0	0	4145322
18.	ANOHR (BTU/KWH)	6819	6766	6883	6922	7021	7062	7022	0	0	0	0	0	6926
19.	NOF (%)	72.3	76.8	79.5	85.8	77.7	70.1	79.7	0	0	0	0	0	77.6
20.	NPC (MW)	1166	1166	1166	1151	1151	1151	1151	0	0	0	0	0	1157

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-2015 TO: Dec-2015

		PLANT / UNIT: MARTIN-UNIT 8 08											PM8 08	
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Ytd
1.	EAF (%)	78.6	23.7	92.5	99.9	100	89.7	95.5	0	0	0	0	0	83.6
2.	PH	744	672	743	720	744	720	744	0	0	0	0	0	5087
3.	SH	744	202.12	695.98	720	744	668.22	744	0	0	0	0	0	4518.32
4.	RSH	0	0	0	0	0	0	0	0	0	0	0	0	0
5.	UH	0	469.88	47.02	0	0	51.78	0	0	0	0	0	0	568.68
6.	POH	0	469.88	0	0	0	0	0	0	0	0	0	0	469.88
7.	FOH	0	0	0	0	0	0	0	0	0	0	0	0	0
8.	MOH	0	0	47.02	0	0	51.78	0	0	0	0	0	0	98.8
9.	PPOH	555.5	111.97	0	0	0	0	0	0	0	0	0	0	667.47
10.	LR PP (MW)	271.25	375.37	0	0	0	0	0	0	0	0	0	0	288.72
11.	PFOH	2.43	8.58	4.1	3.37	0.8	0	3.13	0	0	0	0	0	22.42
12.	LR PF (MW)	271.25	542.5	275.97	298.58	271.25	0	271.25	0	0	0	0	0	380.08
13.	PMOH	78.13	0	15.58	0	0	78.05	129.5	0	0	0	0	0	301.27
14.	LR PM (MW)	271.25	0	522.93	0	0	312.76	271.25	0	0	0	0	0	295.02
15.	NSC	1085	1085	1085	1085	1085	1085	1085	0	0	0	0	0	1085
16.	OPER BTU (MBTU)	3374569	814510	3846944	4122878	4137420	3912247	4325357	0	0	0	0	0	24533924
17.	NET GEN	478678	109025	546892	593964	596983	558852	619268	0	0	0	0	0	3503662
18.	ANOHR (BTU/KWH)	7050	7471	7034	6941	6931	7001	6985	0	0	0	0	0	7002
19.	NOF (%)	59.3	49.7	72.4	76	74	77.1	76.7	0	0	0	0	0	71.5
20.	NPC (MW)	1160	1160	1160	1145	1145	1145	1145	0	0	0	0	0	1151
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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ISSUED BY: FLORIDA POWER & LIGHT CO.

## ACTUAL PERFORMANCE DATA

COMPANY: FLORIDA POWER AND LIGHT

From: Jan-2015

To: Dec-2015

PLANT / UNIT: WEST COUNTY ENERGY 03

PWC 03

DATE	OUTAGE TYPE(1)	HOURS	(MW) AFFECTED	DESCRIPTION
01/08/2015	FFO	4.9	240	3B CT Trip (CPFM issues)
01/08/2015	PFO	4.9	162.32	Impact loss due to curtailment on 3B
01/24/2015	FMO	126.4	240	3B CT Event MOF
01/24/2015	PMO	126.4	162.32	Impact loss due to curtailment on 3B
01/29/2015	PFO	0.0	14	3C CT Runback (CPFM issues)
02/02/2015	PFO	0.1	15	3A CT Runback (FG Regulator Run In Gas Yard was swapped)
02/02/2015	PFO	0.1	1	Impact loss due to curtailment on 3A
02/02/2015	PFO	0.1	3	Impact loss due to curtailment on 3B
02/02/2015	PFO	0.1	2	Impact loss due to curtailment on 3C
02/02/2015	PFO	0.1	22	3B CT Runback (FG Regulator Run In Gas Yard was swapped)
02/02/2015	PFO	0.1	19	3C CT Runback (FG Regulator Run In Gas Yard was swapped)
02/05/2015	FMO	33.4	240	3A CT Event MOF
02/05/2015	PMO	33.4	162.32	Impact loss due to curtailment on 3A
02/07/2015	FMO	128.5	240	3C CT Event MOF
02/07/2015	PMO	128.5	162.37	Impact loss due to curtailment on 3C
02/27/2015	FFO	2.0	240	3A CT miss RFC
02/27/2015	PFO	2.0	162.32	Impact loss due to curtailment on 3A
03/05/2015	PFO	0.8	162.32	Impact loss due to curtailment on 3A
03/05/2015	FFO	6.0	240	3A CT Shut Down due to U3 Fuel Gas Yard Pressure Swings
03/05/2015	FFO	7.3	487	#3 ST Shut Down due to U3 Fuel Gas Yard Pressure Swing
03/05/2015	FFO	3.8	240	3C CT Missed RFC due to U3 Fuel Gas Yard Pressure Swings
03/05/2015	FFO	3.8	240	3B CT Shut Down due to U3 Fuel Gas Yard Pressure Swings
03/12/2015	FMO	60.1	240	3C CT SNOW
03/12/2015	PMO	60.1	162.37	Impact loss due to curtailment on 3C

(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:  
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## ACTUAL PERFORMANCE DATA

COMPANY: FLORIDA POWER AND LIGHT

From: Jan-2015

To: Dec-2015

PLANT / UNIT: WEST COUNTY ENERGY 03

PWC 03

DATE	OUTAGE TYPE(1)	HOURS	(MW) AFFECTED	DESCRIPTION
03/20/2015	PFO	0.0	147	3A CT Cooling Steam Combustor inlet low Temp. Run back
04/05/2015	FFO	3.0	240	3C CT LP Drum Hi Hi Level Tripped
04/05/2015	PFO	3.0	162.37	Impact loss due to curtailment on 3C
04/10/2015	FFO	0.0	240	3C CT Gen Breaker Opened After Synchronizing due to BP Sp
04/10/2015	PFO	0.0	162.37	Impact loss due to curtailment on 3C
04/20/2015	FFO	2.8	240	3C BFP Low Low Flow trip
04/20/2015	PFO	2.8	162.37	Impact loss due to curtailment on 3C
04/30/2015	FMO	129.7	240	3A CT SNOW
04/30/2015	PMO	129.7	162.32	Impact loss due to curtailment on 3A
05/15/2015	FFO	3.7	240	3C CT S/D to repair Gen Protection Relay.
05/15/2015	PFO	3.7	162.37	Impact loss due to curtailment on 3C
05/22/2015	FFO	1.5	240	3C CT EFOR Software Trip (STORM)
05/22/2015	PFO	1.5	162.37	Impact loss due to curtailment on 3C
05/23/2015	PFO	0.5	115	3B Runback due IP FW Stop valve failure.
06/10/2015	FFO	1.5	240	3B CT Combustor Cooling Stm inlet low flow trip
06/10/2015	PFO	1.5	162.32	Impact loss due to curtailment on 3B
07/11/2015	FMO	130.4	240	3C CT SNOW
07/11/2015	PMO	130.4	162.37	Impact loss due to curtailment on 3C
07/13/2015	FFO	2.3	240	3A CT EFOR due Fuel Gas Safety lifting.
07/13/2015	PFO	2.3	162.32	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-2015

To: Dec-2015

PLANT / UNIT: FORT MYERS

02

PFM 02

DATE	OUTAGE TYPE(1)	HOURS	(MW) AFFECTED	DESCRIPTION
01/07/2015	FFO	0.6	145	2B CT (EFOR) HI exhaust spread trip
01/07/2015	PFO	0.6	67.47	Impact loss due to curtailment on 2B
01/07/2015	PFO	0.6	8.86	Impact loss due to curtailment on 2B
01/11/2015	FMO	64.6	145	2B CT (MOF) -Re-torque Expansion Joint Bolts
01/11/2015	PMO	64.6	67.47	Impact loss due to curtailment on 2B
01/11/2015	PMO	64.6	8.86	Impact loss due to curtailment on 2B
01/14/2015	FMO	17.0	145	2D CT (MOF) - Re-torque expansion joint bolts
01/14/2015	PMO	17.0	8.86	Impact loss due to curtailment on 2D
01/14/2015	PMO	17.0	67.47	Impact loss due to curtailment on 2D
01/23/2015	FMO	39.0	145	2A CT (MOF) Inspect HRSG Bypass Spray Control Valve.
01/23/2015	PMO	39.0	67.47	Impact loss due to curtailment on 2A
01/23/2015	PMO	39.0	8.86	Impact loss due to curtailment on 2A
01/29/2015	FMO	14.9	404	PFM ST2 (MOF) Control Valve Repair
02/08/2015	FMO	42.9	145	2FCT (MOF) CT Bore scope Inspection
02/08/2015	PMO	42.9	67.47	Impact loss due to curtailment on 2F
02/08/2015	PMO	42.9	8.86	Impact loss due to curtailment on 2F
02/11/2015	FMO	40.7	145	2B CT (MOF) CT Bore scope Inspection
02/11/2015	PMO	40.7	67.47	Impact loss due to curtailment on 2B
02/11/2015	PMO	40.7	8.85	Impact loss due to curtailment on 2B
02/11/2015	FFO	2.2	145	2F CT EFOR - P2 transmitter failure (Fuel Gas)
02/11/2015	PFO	2.2	67.47	Impact loss due to curtailment on 2F
02/11/2015	PFO	2.2	8.86	Impact loss due to curtailment on 2F
02/16/2015	FMO	40.5	145	2E CT MOF-(Task) - CT Bore Scope Inspection
02/16/2015	PMO	40.5	67.47	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-2015

To: Dec-2015

PLANT / UNIT: FORT MYERS 02

PFM 02

DATE	OUTAGE TYPE(1)	HOURS	(MW) AFFECTED	DESCRIPTION
02/16/2015	PMO	40.5	8.86	Impact loss due to curtailment on 2E
02/20/2015	FFO	1.2	145	2D CT (EFOR) TRIP
02/20/2015	PFO	1.2	67.47	Impact loss due to curtailment on 2D
02/20/2015	PFO	1.2	8.86	Impact loss due to curtailment on 2D
02/23/2015	FMO	42.5	145	2D CT MOF-(Task) - CT Bore Scope Inspection
02/23/2015	PMO	42.5	67.47	Impact loss due to curtailment on 2D
02/23/2015	PMO	42.5	8.86	Impact loss due to curtailment on 2D
02/25/2015	FMO	17.7	145	2B CT MOF (Task) CT Foundation Inspection
02/25/2015	PMO	17.7	67.47	Impact loss due to curtailment on 2B
02/25/2015	PMO	17.7	8.86	Impact loss due to curtailment on 2B
02/26/2015	FMO	71.2	145	2A CT MOF-(Task) - CT Bore Scope Inspection
02/26/2015	PMO	71.2	8.86	Impact loss due to curtailment on 2A
02/26/2015	PMO	71.2	67.47	Impact loss due to curtailment on 2A
03/14/2015	FMO	30.3	145	2F CT (MOF Event) Replace Turbine Compartment Blower
03/14/2015	PMO	30.3	67.47	Impact loss due to curtailment on 2F
03/14/2015	PMO	30.3	8.86	Impact loss due to curtailment on 2F
03/18/2015	FMO	6.9	145	2D CT (MOF Event) Collector Bus Repair
03/18/2015	PMO	6.9	67.47	Impact loss due to curtailment on 2D
03/18/2015	PMO	6.9	8.86	Impact loss due to curtailment on 2D
03/18/2015	FMO	6.5	145	2E CT (MOF Event) Collector Bus Repair
03/18/2015	PMO	6.5	67.47	Impact loss due to curtailment on 2E
03/18/2015	PMO	6.5	8.86	Impact loss due to curtailment on 2E
03/18/2015	FMO	6.0	145	2F CT (MOF Event) Collector Bus Repair
03/18/2015	PMO	6.0	67.47	Impact loss due to curtailment on 2F

(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-2015

To: Dec-2015

PLANT / UNIT: FORT MYERS 02

PFM 02

DATE	OUTAGE TYPE(1)	HOURS	(MW) AFFECTED	DESCRIPTION
03/18/2015	PMO	6.0	8.86	Impact loss due to curtailment on 2F
03/19/2015	FFO	8.5	145	2E CT (EFOR) failed to sync to the bus
03/19/2015	PFO	8.5	67.47	Impact loss due to curtailment on 2E
03/19/2015	PFO	8.5	8.86	Impact loss due to curtailment on 2E
03/19/2015	FFO	7.5	145	2D CT (EFOR) failed to sync to the bus
03/19/2015	PFO	7.5	67.47	Impact loss due to curtailment on 2D
03/19/2015	PFO	7.5	8.86	Impact loss due to curtailment on 2D
03/19/2015	FMO	21.7	145	2D CT Trip Coil Alarm (MOF Event) SF6 Breaker Alarm
03/19/2015	PMO	21.7	67.47	Impact loss due to curtailment on 2D
03/19/2015	PMO	21.7	8.86	Impact loss due to curtailment on 2D
03/26/2015	PFO	17.5	3	2C CT (EFOR Partial) GSU transformer derate
03/27/2015	PFO	3.2	35	2C CT (EFOR Partial) GSU transformer derate
03/27/2015	FMO	21.7	145	2C CT GSU #2 (MOF Event) oil pump replacement
03/27/2015	PMO	21.7	67.47	Impact loss due to curtailment on 2C
03/27/2015	PMO	21.7	8.86	Impact loss due to curtailment on 2C
03/29/2015	FMO	24.5	145	2ACT (MOF Event) SH Spray block Valve repair
03/29/2015	PMO	24.5	67.47	Impact loss due to curtailment on 2A
03/29/2015	PMO	24.5	8.86	Impact loss due to curtailment on 2A
03/31/2015	FFO	2.6	145	2A CT (EFOR)- HP Low level drum runback
03/31/2015	PFO	2.6	67.47	Impact loss due to curtailment on 2A
03/31/2015	PFO	2.6	8.86	Impact loss due to curtailment on 2A
03/31/2015	FFO	1.0	145	2D CT Runback (EFOR) HRH High Temp
03/31/2015	PFO	1.0	67.47	Impact loss due to curtailment on 2D
03/31/2015	PFO	1.0	8.86	Impact loss due to curtailment on 2D

(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-2015

To: Dec-2015

PLANT / UNIT: FORT MYERS 02

PFM 02

DATE	OUTAGE TYPE(1)	HOURS	(MW) AFFECTED	DESCRIPTION
03/31/2015	FFO	0.7	145	2F CT Runback (EFOR) HRH High Temp
03/31/2015	PFO	0.7	67.47	Impact loss due to curtailment on 2F
03/31/2015	PFO	0.7	8.86	Impact loss due to curtailment on 2F
04/07/2015	FMO	39.5	145	2B CT (MOF Event) Repair leak inside the HRSG
04/07/2015	PMO	39.5	67.47	Impact loss due to curtailment on 2B
04/07/2015	PMO	39.5	8.85	Impact loss due to curtailment on 2B
04/22/2015	PMO	2.8	8.86	Impact loss due to curtailment on 2C
04/22/2015	PMO	3.1	67.47	Impact loss due to curtailment on 2C
04/22/2015	FMO	68.3	145	2C CT (Task MOF) CT's LCI upgrade
04/22/2015	PMO	2.7	8.86	Impact loss due to curtailment on 2A
04/22/2015	PMO	3.1	67.47	Impact loss due to curtailment on 2A
04/22/2015	FMO	68.2	145	2A CT (Task MOF) CT's LCI upgrade
04/22/2015	FMO	65.5	53	2 STM 1 (Task MOF) CT's LCI upgrade
04/22/2015	FMO	65.1	404	2 STM2 (Task MOF) CT's LCI upgrade
04/23/2015	FMO	64.3	145	2B CT (Task MOF) CT's LCI upgrade
04/23/2015	FMO	64.1	145	2D CT (Task MOF) CT's LCI upgrade
04/23/2015	FMO	64.0	145	2E CT (Task MOF) CT's LCI upgrade
04/23/2015	FMO	64.0	145	2F CT (Task MOF) CT's LCI upgrade
05/03/2015	FMO	38.0	145	2C CT (Task MOF) CT Borescope inspection
05/03/2015	PMO	38.0	67.47	Impact loss due to curtailment on 2C
05/03/2015	PMO	38.0	8.86	Impact loss due to curtailment on 2C
05/06/2015	FMO	38.3	145	2D CT (Event MOF) Repair HRSG tube leak
05/06/2015	PMO	38.3	67.47	Impact loss due to curtailment on 2D
05/06/2015	PMO	38.3	8.86	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:  
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EFFECTIVE:  
DOCKET NO.:  
ORDER NO.:

## ACTUAL PERFORMANCE DATA

COMPANY: FLORIDA POWER AND LIGHT

From: Jan-2015

To: Dec-2015

PLANT / UNIT: FORT MYERS

02

PFM 02

DATE	OUTAGE TYPE(1)	HOURS	(MW) AFFECTED	DESCRIPTION
05/15/2015	FMO	41.7	145	2B CT (Task MOF) Dot05 performance test preparation
05/15/2015	PMO	41.7	67.47	Impact loss due to curtailment on 2B
05/15/2015	PMO	41.7	8.86	Impact loss due to curtailment on 2B
05/29/2015	FPO	1507.3	145	2B CT (POF) CT Compressor DOT 5 Upgrade
05/29/2015	PPO	1507.3	67.47	Impact loss due to curtailment on 2B
05/29/2015	PPO	1507.3	8.86	Impact loss due to curtailment on 2B
06/04/2015	FFO	1.1	145	2FCT (EFOR) Fuel Gas P2 Pressure Transmitter Failure
06/04/2015	PFO	1.1	67.47	Impact loss due to curtailment on 2F
06/04/2015	PFO	1.1	8.86	Impact loss due to curtailment on 2F
07/05/2015	FFO	4.5	145	2A CT (EFOR) Failed to start Ignition trouble
07/05/2015	PFO	4.5	67.47	Impact loss due to curtailment on 2A
07/05/2015	PFO	4.5	8.86	Impact loss due to curtailment on 2A
07/12/2015	FFO	4.3	145	2DCT (EFOR) PM3 Trip
07/12/2015	PFO	4.3	67.47	Impact loss due to curtailment on 2D
07/12/2015	PFO	4.3	8.86	Impact loss due to curtailment on 2D
07/12/2015	FFO	17.3	145	2DCT (EFOR) PM3 out of position Trip
07/12/2015	PFO	17.3	67.47	Impact loss due to curtailment on 2D
07/12/2015	PFO	17.3	8.86	Impact loss due to curtailment on 2D
07/15/2015	FFO	2.1	145	2D CT (EFOR) OVATION ISSUES
07/15/2015	PFO	2.1	67.47	Impact loss due to curtailment on 2D
07/15/2015	PFO	2.1	8.86	Impact loss due to curtailment on 2D
07/19/2015	FMO	47.2	145	2ECT (TASK MOF) Install Pre Dot 05 Performance Testing Eq
07/19/2015	PMO	47.2	67.47	Impact loss due to curtailment on 2E
07/19/2015	PMO	47.2	8.86	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:  
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 ORDER NO.:

## ACTUAL PERFORMANCE DATA

COMPANY: FLORIDA POWER AND LIGHT

From: Jan-2015

To: Dec-2015

PLANT / UNIT: FORT MYERS 02

PFM 02

DATE	OUTAGE TYPE(1)	HOURS	(MW) AFFECTED	DESCRIPTION
07/25/2015	FMO	42.0	145	2D (Task MOF) Install Pre Dot 05 Performance Testing Equip
07/25/2015	PMO	42.0	67.47	Impact loss due to curtailment on 2D
07/25/2015	PMO	42.0	8.86	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-2015

To: Dec-2015

PLANT / UNIT: ST LUCIE 01

PSL 01

DATE	OUTAGE TYPE(1)	HOURS	(MW) AFFECTED	DESCRIPTION
03/21/2015	PPO	8.0	164.73	U1 PEL SL1-26 Down Power to 68% 032115
03/22/2015	PPO	16.2	312.69	U1 PEL Main Steam Safety Valve Testing 032215
03/22/2015	PPO	3.9	484.13	U1 PEL Down Power - SL1-26 032215
03/23/2015	FPO	781.4	981	U1 PEL SL1-26 Refueling and Maintenance 032315
04/24/2015	PPO	72.2	445.3	U1 PEL SL1-26 Refueling Outage Up Power 042415

- (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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EFFECTIVE:  
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ORDER NO.:

## ACTUAL PERFORMANCE DATA

COMPANY: FLORIDA POWER AND LIGHT

From: Jan-2015

To: Dec-2015

PLANT / UNIT: ST LUCIE

02

PSL 02

DATE	OUTAGE TYPE(1)	HOURS	(MW) AFFECTED	DESCRIPTION
02/15/2015	PFO	1.7	329	U2 UEL Down Power - Hi 2B Hotwell Sodium 021515
02/15/2015	FFO	92.9	987	U2 UEL Shutdown - Hi 2B Hotwell Sodium/Condenser Tube Le
02/19/2015	FFO	13.6	987	U2 UEL HCV-09-02B Main Feedwater Isolation Valve 021915
02/19/2015	PFO	24.2	481.87	U2 UEL Condenser Tube Leak - Up Power 021915
03/09/2015	PPO	86.6	149.58	U2 PEL 2B2 water Box Maint 060915
04/11/2015	PFO	4.5	346	U2 UEL Safety Injection Tank Discharge Piping Repair Dwn Pv
04/12/2015	FFO	229.7	987	U2 UEL Safety Injection Tank Discharge Piping Repair 041220
04/21/2015	PFO	17.5	368.15	U2 UEL 2B2 Safety Injection Tank Discharge Repair Uppower
04/30/2015	PPO	12.3	26.59	U2 PEL Moderator Temperature Coefficient Testing 043015

- (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-2015

To: Dec-2015

PLANT / UNIT: TURKEY POINT 03

PTN 03

DATE	OUTAGE TYPE(1)	HOURS	(MW) AFFECTED	DESCRIPTION
03/04/2015	PPO	48.0	450.61	PTN Unit 3 Planned TVT
03/06/2015	PFO	43.2	407.02	Unplanned generation loss due to stop valve issues
04/29/2015	PPO	7.6	408.23	Unit 3 planned downpower for TVT and to repair 3C NCC
04/30/2015	FPO	102.2	811	Unit 3 planned downpower for TVT and to repair 3C NCC - Off
05/04/2015	PPO	25.8	392.77	Unit 3 Planned power ascension following NCC repair and TVT

- (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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## ACTUAL PERFORMANCE DATA

COMPANY: FLORIDA POWER AND LIGHT

From: Jan-2015

To: Dec-2015

PLANT / UNIT: TURKEY POINT 04

PTN 04

DATE	OUTAGE TYPE(1)	HOURS	(MW) AFFECTED	DESCRIPTION
02/12/2015	PFO	4.0	1.14	LEFM failure
05/07/2015	PPO	8.1	419.23	Unit 4 planned down power for TVT and NCC repair
05/08/2015	FPO	83.8	821	Unit 4 planned down power to repair 4B NCC
05/11/2015	PPO	13.7	603.43	PTN Unit 4 planned power ascension after TVT adn 4C NCC r
05/12/2015	FFO	53.0	821	PTN Unit 4 Auto Trip due to CT transformer fault
05/14/2015	PFO	14.5	543.1	Unit 4 unplanned return to power following Auto trip
05/15/2015	PPO	4.0	32.99	PTN Unit 4 Retur to power after TVT and NCC Outage Repair

(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-2015

To: Dec-2015

PLANT / UNIT: WEST COUNTY ENERGY 01

PWC 01

DATE	OUTAGE TYPE(1)	HOURS	(MW) AFFECTED	DESCRIPTION
01/14/2015	FFO	2.4	240	1A CT Missed RFC (CPFM Hi alarm)
01/14/2015	PFO	2.4	162.32	Impact loss due to curtailment on 1A
01/14/2015	FFO	3.3	240	1A CT Trip (CPFM Hi alarm)
01/14/2015	PFO	3.3	162.32	Impact loss due to curtailment on 1A
02/05/2015	FFO	2.2	240	1B CT Trip (High LP drum level)
02/05/2015	PFO	2.2	162.32	Impact loss due to curtailment on 1B
02/13/2015	PFO	4.2	60	1C CT Load Limited to 180 MW (CRH valve fail closed)
02/19/2015	FFO	1.7	240	1A CT Missed RFC (BFP trips)
02/19/2015	PFO	1.7	162.32	Impact loss due to curtailment on 1A
03/02/2015	FFO	4.0	240	1A CT FO Trip due to Sweep Air Valve Limit Switch
03/02/2015	PFO	4.0	162.32	Impact loss due to curtailment on 1A
03/27/2015	FMO	58.9	240	1A CT SNOW
03/27/2015	PMO	58.9	162.32	Impact loss due to curtailment on 1A
03/27/2015	FMO	178.2	240	1C Task MOF Outage
03/27/2015	PMO	178.2	162.37	Impact loss due to curtailment on 1C
04/14/2015	FFO	0.5	240	1A CT Missed RFC due to BFP Start Permissive issues
04/14/2015	PFO	0.5	162.32	Impact loss due to curtailment on 1A
04/15/2015	FFO	0.6	240	1A CT missed RFC due to LP Drum Hi/Hi Trip during roll up
04/15/2015	PFO	0.6	162.32	Impact loss due to curtailment on 1A
04/17/2015	FFO	0.8	487	1STG TRIP Due to Low Vacuum
04/21/2015	FMO	36.8	240	1A CT SNOW
04/21/2015	PMO	36.8	162.32	Impact loss due to curtailment on 1A
05/06/2015	FMO	39.9	487	MOF to Repair 1ST RH Bowl Pressure Tap
05/12/2015	FFO	16.0	240	1B CT trip

(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-2015

To: Dec-2015

PLANT / UNIT: WEST COUNTY ENERGY 01

PWC 01

DATE	OUTAGE TYPE(1)	HOURS	(MW) AFFECTED	DESCRIPTION
05/12/2015	PFO	16.0	162.32	Impact loss due to curtailment on 1B
06/10/2015	PFO	0.0	147	1A CT Runback cooling steam low low tern/ High CPFM.
06/12/2015	PFO	0.5	92	1 ST Loss of Generation due to 1A HRH main header Iso vlv g
06/13/2015	FMO	289.7	240	1A Reliability Outage
06/13/2015	PMO	289.7	162.32	Impact loss due to curtailment on 1A
06/25/2015	FFO	7.7	487	U1 STEAM Turbine TRIP
07/01/2015	PFO	0.3	122	1C CT Runback due to loss of HP Cooling Steam
07/03/2015	FFO	1.2	240	1C CT missed RFC (1hr late due to 0038 Aux Spray Water)
07/03/2015	PFO	1.2	162.37	Impact loss due to curtailment on 1C
07/14/2015	FFO	39.1	240	1B CT BFP Startup Motor Failure
07/14/2015	PFO	39.1	162.32	Impact loss due to curtailment on 1B
07/18/2015	FMO	158.6	240	1B Maintenance Outage
07/18/2015	PMO	158.6	162.32	Impact loss due to curtailment on 1B
07/25/2015	FMO	22.0	240	1B MOF Extension
07/25/2015	PMO	22.0	162.32	Impact loss due to curtailment on 1B
07/31/2015	PFO	0.1	140	1C CT Runback due to Combustor Cooling Steam Temperatur

- (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-2015

To: Dec-2015

PLANT / UNIT: WEST COUNTY ENERGY 02

PWC 02

DATE	OUTAGE TYPE(1)	HOURS	(MW) AFFECTED	DESCRIPTION
01/03/2015	FFO	7.6	240	2C CT Missed RFC (BFP Strainer Leak)
01/03/2015	PFO	7.6	162.37	Impact loss due to curtailment on 2C
01/05/2015	FMO	124.1	240	2A CT Event MOF
01/05/2015	PMO	124.1	162.32	Impact loss due to curtailment on 2A
01/19/2015	FMO	56.8	240	2B CT Event MOF
01/19/2015	PMO	56.8	162.32	Impact loss due to curtailment on 2B
02/25/2015	FMO	127.7	240	2C CT SNOW
02/25/2015	PMO	127.7	162.37	Impact loss due to curtailment on 2C
03/06/2015	PFO	0.0	146	2A CT Combustor Temp Low Low runback.
03/15/2015	FMO	80.8	240	2A CT SNOW
03/15/2015	PMO	80.8	162.32	Impact loss due to curtailment on 2A
03/31/2015	FMO	79.1	240	2B CT SNOW
03/31/2015	PMO	79.1	162.32	Impact loss due to curtailment on 2B
04/30/2015	PFO	0.0	145	2A CT Cooling Steam Low Temp Runback
04/30/2015	FFO	3.6	240	2C CT EFOR AND MISSED RFC.
04/30/2015	PFO	3.6	162.37	Impact loss due to curtailment on 2C
05/09/2015	FFO	0.7	240	2B CT Trip on #10 Blade Path (During Fuel Oil Testing)
05/09/2015	PFO	0.7	162.32	Impact loss due to curtailment on 2B
05/15/2015	FFO	2.5	240	2A CT TRIP due to CPFM
05/15/2015	PFO	2.5	162.32	Impact loss due to curtailment on 2A
05/16/2015	FFO	1.3	240	2A CT late RFC due HP drum high high level trip.
05/16/2015	PFO	1.3	162.32	Impact loss due to curtailment on 2A
06/02/2015	FMO	80.0	240	2A CT SNOW
06/02/2015	PMO	80.0	162.32	Impact loss due to curtailment on 2A

(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-2015

To: Dec-2015

PLANT / UNIT: WEST COUNTY ENERGY 02

PWC 02

DATE	OUTAGE TYPE(1)	HOURS	(MW) AFFECTED	DESCRIPTION
07/27/2015	FMO	119.4	240	2A CT MOF
07/27/2015	PMO	119.4	162.32	Impact loss due to curtailment on 2A

(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-2015

To: Dec-2015

PLANT / UNIT: TURKEY POINT #5 05

TP5 05

DATE	OUTAGE TYPE(1)	HOURS	(MW) AFFECTED	DESCRIPTION
01/13/2015	FFO	3.5	161	PTC 5C Trip - Water Injection Drain Valve Failed Open
01/13/2015	PFO	3.5	109.25	Impact loss due to curtailment on 5C
02/08/2015	FFO	0.4	161	PTC CT 5C Hot Reheat to Condenser Bypass Valve Failure
02/08/2015	PFO	0.4	109.25	Impact loss due to curtailment on 5C
02/08/2015	FFO	0.2	161	PTC CT 5C SH Spray Valve Stuck Closed
02/08/2015	PFO	0.2	109.25	Impact loss due to curtailment on 5C
02/08/2015	FFO	2.1	437	PTC Steam Turbine Missed RFC - Coupling Guard Shaft Cont
02/17/2015	FMO	28.0	161	PTC 5A SNOW Combustion Can Distribution Valve inspection
02/17/2015	PMO	28.0	109.25	Impact loss due to curtailment on 5A
02/28/2015	FFO	2.9	161	5B CT Shutdown Due to Mode Transfer Issues
02/28/2015	PFO	2.9	109.25	Impact loss due to curtailment on 5B
03/02/2015	FFO	4.2	161	PTC CT 5D Trip Due to LEAN Blowout
03/02/2015	PFO	4.2	109.25	Impact loss due to curtailment on 5D
03/15/2015	FMO	168.0	161	PTC 5A Reliability Outage (Float) - K5A715
03/15/2015	PMO	168.0	109.25	Impact loss due to curtailment on 5A
03/22/2015	FMO	66.0	161	PTC 5A MOF Extension- GSU - K5A715
03/22/2015	PMO	66.0	109.25	Impact loss due to curtailment on 5A
03/25/2015	FMO	134.6	161	PTC 5B Reliability Outage (Float) - K5B715
03/25/2015	PMO	134.6	109.25	Impact loss due to curtailment on 5B
03/30/2015	FFO	5.3	161	PTC 5B Seal Oil Leak to Generator
03/30/2015	PFO	5.3	109.25	Impact loss due to curtailment on 5B
03/30/2015	FMO	91.3	161	PTC 5B Seal Oil Leak to Generator Cleanup
03/30/2015	PMO	91.3	109.25	Impact loss due to curtailment on 5B
04/04/2015	FMO	161.3	161	PTC 5C Reliability Outage (Float) K5C715

(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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 DOCKET NO.:  
 ORDER NO.:

## ACTUAL PERFORMANCE DATA

COMPANY: FLORIDA POWER AND LIGHT

From: Jan-2015

To: Dec-2015

PLANT / UNIT: TURKEY POINT #5 05

TP5 05

DATE	OUTAGE TYPE(1)	HOURS	(MW) AFFECTED	DESCRIPTION
04/04/2015	PMO	161.3	109.25	Impact loss due to curtailment on 5C
04/06/2015	PFO	0.1	25	CT 5A Unit Runback
04/11/2015	FMO	138.0	161	PTC 5D Reliability Outage (Float) K5D715
04/11/2015	PMO	138.0	109.25	Impact loss due to curtailment on 5D
05/22/2015	PFO	1.3	51	PTC ST LOSS OF 5B CIRC WTR PUMP
05/28/2015	FFO	1.5	161	PTC 5A CT RUNBACK On HRH #3 Outlet High Temp
05/28/2015	PFO	1.5	109.25	Impact loss due to curtailment on 5A
05/28/2015	PFO	0.1	33	PTC 5B CT RUNBACK on high HRH #3 Outlet Temp
06/19/2015	FFO	5.5	161	5B CT Tripped Due to IGV Servo Failure
06/19/2015	PFO	5.5	109.25	Impact loss due to curtailment on 5B
06/30/2015	FFO	3.6	161	5D Ct Runback to No Load
06/30/2015	PFO	3.6	109.25	Impact loss due to curtailment on 5D

(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 &amp; LIGHT CO.



## ACTUAL PERFORMANCE DATA

COMPANY: FLORIDA POWER AND LIGHT

From: Jan-2015

To: Dec-2015

PLANT / UNIT: MANATEE UNIT 3 CC 03

PM3 03

DATE	OUTAGE TYPE(1)	HOURS	(MW) AFFECTED	DESCRIPTION
01/09/2015	PFO	3.6	25	3D Runback - Nexus Communications Error
02/17/2015	FMO	17.2	160	3A SNOW (Event MOF) - Gas Strainer Leak
02/17/2015	PMO	17.2	110	Impact loss due to curtailment on 3A
02/23/2015	FFO	0.9	160	3B CT #1 Compressor Bleed Valve failed to close during CT SI
02/23/2015	PFO	0.9	110	Impact loss due to curtailment on 3B
05/18/2015	FFO	4.7	160	3B CT trip-VCMI card failure
05/18/2015	PFO	4.7	110	Impact loss due to curtailment on 3B
05/19/2015	FFO	1.7	160	3B Igniter failure-Late RFC
05/19/2015	PFO	1.7	110	Impact loss due to curtailment on 3B
05/29/2015	PFO	0.6	90	3C - IP High Drum Level Runback
06/04/2015	FFO	2.7	160	3C Gas Vent Valve Failure (EFOR)
06/04/2015	PFO	2.7	110	Impact loss due to curtailment on 3C
06/07/2015	FMO	146.5	160	PMT 3C Reliability Outage
06/07/2015	PMO	146.5	110	Impact loss due to curtailment on 3C
06/15/2015	PMO	74.2	110	Impact loss due to curtailment on 3B
06/15/2015	FMO	204.3	160	PMT 3B Reliability Outage
06/18/2015	FPO	154.5	160	3A Planned Outage
06/18/2015	PPO	4.3	110	Impact loss due to curtailment on 3A
06/18/2015	FPO	150.2	440	ST Planned Outage
06/18/2015	FPO	130.5	160	3C Planned Outage
06/18/2015	FPO	152.6	160	3D Planned Outage
06/24/2015	PPO	4.4	110	Impact loss due to curtailment on 3D
06/27/2015	FFO	14.9	160	3C CT trip on HP feed water issue
06/27/2015	PFO	14.9	110	Impact loss due to curtailment on 3C

(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 &amp; LIGHT CO.

## ACTUAL PERFORMANCE DATA

COMPANY: FLORIDA POWER AND LIGHT

From: Jan-2015

To: Dec-2015

PLANT / UNIT: MANATEE UNIT 3 CC 03

PM3 03

DATE	OUTAGE TYPE(1)	HOURS	(MW) AFFECTED	DESCRIPTION
07/23/2015	FFO	0.1	160	3B CT Trip During AVR Testing
07/23/2015	PFO	0.1	110	Impact loss due to curtailment on 3B
07/28/2015	FMO	23.0	160	3C - Event MOF - Replace 89ND Switch
07/28/2015	PMO	23.0	110	Impact loss due to curtailment on 3C

(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-2015

To: Dec-2015

PLANT / UNIT: MARTIN-UNIT 8 08

PM8 08

DATE	OUTAGE TYPE(1)	HOURS	(MW) AFFECTED	DESCRIPTION
01/01/2015	FMO	58.5	160	8D CT Event MOF - HRSG blowdown leak repairs
01/01/2015	PMO	58.5	111.25	Impact loss due to curtailment on 8D
01/08/2015	PPO	602.4	111.25	Impact loss due to curtailment on 8B
01/08/2015	FPO	1056.9	160	8B CT POF- CT Major
01/19/2015	FFO	2.4	160	8D CT EFOR- loss of SuperHeater spray water
01/19/2015	PFO	2.4	111.25	Impact loss due to curtailment on 8D
01/24/2015	FMO	19.6	160	8C CT Task MOF- CT offline water wash
01/24/2015	PMO	19.6	111.25	Impact loss due to curtailment on 8C
02/02/2015	PPO	0.8	111.25	Impact loss due to curtailment on 8D
02/02/2015	FPO	454.4	160	8D CT Planned Outage
02/02/2015	FPO	480.2	445	8ST Planned Outage
02/03/2015	FPO	480.0	160	8A CT Planned Outage
02/03/2015	FPO	469.2	160	8C CT Planned Outage
02/21/2015	FPO	18.0	160	8D CT POF - testing
02/21/2015	FPO	26.4	160	8B CT POF - testing
02/22/2015	FPO	1.6	160	8C CT POF - testing
02/22/2015	PPO	0.9	111.25	Impact loss due to curtailment on 8B
02/22/2015	PPO	0.9	111.25	Impact loss due to curtailment on 8A
02/22/2015	FPO	9.0	160	8B CT POF extension 1 - testing
02/22/2015	PPO	9.0	111.25	Impact loss due to curtailment on 8B
02/22/2015	FPO	14.9	160	8A CT POF extension 1 - testing
02/22/2015	PPO	14.9	111.25	Impact loss due to curtailment on 8A
02/23/2015	FPO	0.0	160	8B CT POF - (1 min) for POF extension 2
02/23/2015	PPO	0.0	111.25	Impact loss due to curtailment on 8B

(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-2015

To: Dec-2015

PLANT / UNIT: MARTIN-UNIT 8 08

PM8 08

DATE	OUTAGE TYPE(1)	HOURS	(MW) AFFECTED	DESCRIPTION
02/23/2015	FPO	4.5	160	8B CT POF extension 2 - testing
02/23/2015	PPO	4.5	111.25	Impact loss due to curtailment on 8B
02/23/2015	FPO	0.0	160	8B CT POF - (1 min) for POF extension 3
02/23/2015	PPO	0.0	111.25	Impact loss due to curtailment on 8B
02/23/2015	FPO	9.8	160	8B CT POF extension 3 - testing
02/23/2015	PPO	9.8	111.25	Impact loss due to curtailment on 8B
02/24/2015	FPO	0.0	160	8A CT POF - (1 min) for POF extension 2
02/24/2015	PPO	0.0	111.25	Impact loss due to curtailment on 8A
02/24/2015	FPO	37.5	160	8A CT POF extension 2 - testing
02/24/2015	PPO	37.5	111.25	Impact loss due to curtailment on 8A
02/28/2015	FFO	8.6	160	8D CT EFOR - LCI failure
02/28/2015	FFO	8.6	160	8B CT EFOR - LCI failure
02/28/2015	PFO	8.6	111.25	Impact loss due to curtailment on 8D
02/28/2015	PFO	8.6	111.25	Impact loss due to curtailment on 8B
03/04/2015	FFO	3.9	160	8C CT EFOR - Network storming
03/04/2015	PFO	3.9	111.25	Impact loss due to curtailment on 8C
03/04/2015	PFO	2.8	7	8D CT EFOR - Network storming
03/06/2015	FMO	62.6	160	8A CT Event MOF - ST overspeed testing and common valve v
03/06/2015	PMO	10.7	111.25	Impact loss due to curtailment on 8A
03/07/2015	FMO	56.9	160	8B CT Event MOF- ST overspeed testing and common valve w
03/07/2015	PMO	5.0	111.25	Impact loss due to curtailment on 8B
03/07/2015	FMO	51.9	445	8ST Event MOF - ST overspeed testing and common valve wo
03/07/2015	FMO	48.0	160	8C CT Event MOF - ST overspeed testing and common valve v
03/07/2015	FMO	47.0	160	8D CT Event MOF - ST overspeed testing and common valve v

(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-2015

To: Dec-2015

PLANT / UNIT: MARTIN-UNIT 8 08

PM8 08

DATE	OUTAGE TYPE(1)	HOURS	(MW) AFFECTED	DESCRIPTION
03/10/2015	FFO	0.2	160	8C CT EFOR - Low HP drum level trip
03/10/2015	PFO	0.2	111.25	Impact loss due to curtailment on 8C
04/25/2015	FFO	3.4	160	8D CT EFOR - HP Drum Level Low Trip
04/25/2015	PFO	3.4	111.25	Impact loss due to curtailment on 8D
04/25/2015	PFO	1.0	92	8B CT Partial EFOR- Runback, AA low pressure
05/27/2015	FFO	0.8	160	8B CT EFOR - HP drum high level trip
05/27/2015	PFO	0.8	111.25	Impact loss due to curtailment on 8B
06/02/2015	PMO	69.2	111.25	Impact loss due to curtailment on 8C
06/02/2015	FMO	122.0	160	8C CT Task MOF - .05 Mapping
06/05/2015	FMO	59.3	160	8B CT Event MOF- steam valve repairs
06/05/2015	PMO	2.7	111.25	Impact loss due to curtailment on 8B
06/05/2015	FMO	56.6	445	8X Event MOF- steam valve repairs
06/05/2015	FMO	52.7	160	8A CT Event MOF- steam valve repairs
06/05/2015	FMO	59.6	160	8D CT Event MOF- steam valve repairs
06/08/2015	PMO	4.1	111.25	Impact loss due to curtailment on 8D
07/16/2015	FMO	62.1	160	8A CT Task MOF - BFP suction strainer upgrade
07/16/2015	PMO	62.1	111.25	Impact loss due to curtailment on 8A
07/27/2015	FMO	34.1	160	8A CT TASK MOF - Combustion can borescope inspection
07/27/2015	PMO	34.1	111.25	Impact loss due to curtailment on 8A
07/29/2015	FMO	33.3	160	8C CT Event MOF - LP drain line leak repair
07/29/2015	PMO	33.3	111.25	Impact loss due to curtailment on 8C
07/31/2015	FFO	3.1	160	8C CT EFOR - Atom. Air Comp failed to start
07/31/2015	PFO	3.1	111.25	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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ISSUED BY: FLORIDA POWER &amp; LIGHT CO.

**GPIF Units  
Actual Performance Data (ACRONYMS) for 2015**

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

**GPIF Units  
Actual Performance Data (ACRONYMS) for 2015**

ACRONYMS	DESCRIPTION
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
FENA	Future Enterprise Network A
FGT	Florida Gas Transmission
FME	Foreign Material Exclusion
FMPA	Florida Municipal Power Agency

**GPIF Units  
Actual Performance Data (ACRONYMS) for 2015**

ACRONYMS	DESCRIPTION
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
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



**GPIF Units  
Actual Performance Data (ACRONYMS) for 2015**

ACRONYMS	DESCRIPTION
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
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

**GPIF Units  
Actual Performance Data (ACRONYMS) for 2015**

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