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October 4, 2017

**-VIA ELECTRONIC FILING -**

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

**Re: Docket No. 20170001-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 August 2017. 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. 20170001-EI**

I **HEREBY CERTIFY** that a true and correct copy of the foregoing has been furnished by electronic service on this 4th day of October 2017, 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-2017 TO: Dec-2017

		PLANT / UNIT: CAPE CANAVERAL 03											PCC 03	
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Ytd
1.	EAF (%)	94.7	99.8	79.2	66.3	68.3	74.6	95.9	95	0	0	0	0	84.2
2.	PH	744	672	743	720	744	720	744	744	0	0	0	0	5831
3.	SH	744	672	743	720	744	720	744	744	0	0	0	0	5831
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	311.88	720	631.57	546.25	0	0	0	0	0	0	2209.7
10.	LR PP (MW)	0	0	405.32	405.32	405.34	405.36	0	0	0	0	0	0	405.34
11.	PFOH	6.4	4	0	7.13	0.02	2.03	4.87	0	0	0	0	0	24.45
12.	LR PF (MW)	405.31	405.32	0	405.51	337.77	327.86	405.04	0	0	0	0	0	398.83
13.	PMOH	104.82	0	152.65	0	75.68	0	87.08	112.6	0	0	0	0	532.83
14.	LR PM (MW)	428.39	0	405.32	0	405.34	0	405.34	405.32	0	0	0	0	409.86
15.	NSC	1216	1216	1216	1216	1216	1216	1216	1216	0	0	0	0	1216
16.	OPER BTU (MBTU)	4202066	4122930	3945462	3239726	3387502	3469347	4701428	4741519	0	0	0	0	31809980
17.	NET GEN	635820	624835	600158	490574	505905	513537	705963	711993	0	0	0	0	4788785
18.	ANOHR (BTU/KWH)	6609	6598	6574	6604	6696	6756	6660	6660	0	0	0	0	6643
19.	NOF (%)	70.3	76.5	66.4	56	55.9	58.7	78	78.7	0	0	0	0	67.5
20.	NPC (MW)	1253	1253	1253	1228	1228	1228	1228	1228	0	0	0	0	1237

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-2017 TO: Dec-2017

		PLANT / UNIT: WEST COUNTY ENER 03										PWC 03		
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Ytd
1.	EAF (%)	78.8	94.7	95.9	100	68.8	79.7	93.5	99.6	0	0	0	0	88.8
2.	PH	744	672	743	720	744	720	744	744	0	0	0	0	5831
3.	SH	591.1	672	743	720	744	720	744	744	0	0	0	0	5678.1
4.	RSH	0	0	0	0	0	0	0	0	0	0	0	0	0
5.	UH	152.9	0	0	0	0	0	0	0	0	0	0	0	152.9
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	152.9	0	0	0	0	0	0	0	0	0	0	0	152.9
9.	PPOH	0	0	0	0	696.2	439.13	0	0	0	0	0	0	1135.33
10.	LR PP (MW)	0	0	0	0	390.65	390.65	0	0	0	0	0	0	390.65
11.	PFOH	0	1.07	4	0	0	0	66.43	9.13	0	0	0	0	80.63
12.	LR PF (MW)	0	389.43	388.94	0	0	0	229.16	390.84	0	0	0	0	257.52
13.	PMOH	8.18	106.27	86.38	0	0	0	105.53	0	0	0	0	0	306.37
14.	LR PM (MW)	701.83	390.64	390.72	0	0	0	390.71	0	0	0	0	0	398.98
15.	NSC	1172	1172	1172	1172	1172	1172	1172	1172	0	0	0	0	1172
16.	OPER BTU (MBTU)	3009935	3881838	4419954	4524907	3469380	3757563	4332733	4710562	0	0	0	0	32106872
17.	NET GEN	420221	547468	631628	647060	485460	527379	614112	672522	0	0	0	0	4545850
18.	ANOHR (BTU/KWH)	7163	7091	6998	6993	7147	7125	7055	7004	0	0	0	0	7063
19.	NOF (%)	60.7	69.5	72.5	76.7	55.7	62.5	70.4	77.1	0	0	0	0	68.3
20.	NPC (MW)	1215	1215	1215	1189	1189	1189	1189	1189	0	0	0	0	1199

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

ACTUAL PERFORMANCE DATA  
 COMPANY: FLORIDA POWER AND LIGHT  
 FROM: Jan-2017 TO: Dec-2017

		PLANT / UNIT: FORT MYERS 02										PFM 02		
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Ytd
1.	EAF (%)	99	99.6	64.9	99.5	99.6	95	99.4	98.4	0	0	0	0	94.4
2.	PH	744	672	743	720	744	720	744	744	0	0	0	0	5831
3.	SH	744	672	464.33	720	744	720	744	744	0	0	0	0	5552.33
4.	RSH	0	0	278.67	0	0	0	0	0	0	0	0	0	278.67
5.	UH	0	0	0	0	0	0	0	0	0	0	0	0	0
6.	POH	0	0	0	0	0	0	0	0	0	0	0	0	0
7.	FOH	0	0	0	0	0	0	0	0	0	0	0	0	0
8.	MOH	0	0	0	0	0	0	0	0	0	0	0	0	0
9.	PPOH	0	0	0	0	0	0	0	0	0	0	0	0	0
10.	LR PP (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0
11.	PFOH	0	3.7	7.18	3.37	1.88	3.67	0	0	0	0	0	0	19.8
12.	LR PF (MW)	0	245.16	346.7	244.92	245.59	244.94	0	0	0	0	0	0	281.94
13.	PMOH	43.88	12	644.15	12.68	15.97	213.12	24.8	70.73	0	0	0	0	1037.33
14.	LR PM (MW)	245.18	245.16	591.99	317.28	245.11	245.16	245.16	245.17	0	0	0	0	461.42
15.	NSC	1470	1470	1470	1470	1470	1470	1470	1470	0	0	0	0	1470
16.	OPER BTU (MBTU)	5336105	5307922	3095766	6283182	6453823	6179654	6320895	6324658	0	0	0	0	45302005
17.	NET GEN	737156	737481	411042	873440	911580	875952	890874	881725	0	0	0	0	6319250
18.	ANOHR (BTU/KWH)	7239	7197	7532	7194	7080	7055	7095	7173	0	0	0	0	7169
19.	NOF (%)	67.4	74.7	60.2	82.5	83.3	82.8	81.5	80.6	0	0	0	0	77.4
20.	NPC (MW)	1681	1681	1681	1518	1518	1518	1518	1518	0	0	0	0	1579

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-2017 TO: Dec-2017

		PLANT / UNIT: ST LUCIE 01											PSL 01	
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Ytd
1.	EAF (%)	97.2	75.7	100	100	99.8	100	100	100	0	0	0	0	96.8
2.	PH	744	672	743	720	744	720	744	744	0	0	0	0	5831
3.	SH	725	515.58	743	720	744	720	744	744	0	0	0	0	5655.58
4.	RSH	0	0	0	0	0	0	0	0	0	0	0	0	0
5.	UH	19	156.42	0	0	0	0	0	0	0	0	0	0	175.42
6.	POH	0	0	0	0	0	0	0	0	0	0	0	0	0
7.	FOH	19	156.42	0	0	0	0	0	0	0	0	0	0	175.42
8.	MOH	0	0	0	0	0	0	0	0	0	0	0	0	0
9.	PPOH	0	0	0	0	8.6	0	0	0	0	0	0	0	8.6
10.	LR PP (MW)	0	0	0	0	146.01	0	0	0	0	0	0	0	146.01
11.	PFOH	4	15.53	0	0	0	0	0	0	0	0	0	0	19.53
12.	LR PF (MW)	375.23	427.74	0	0	0	0	0	0	0	0	0	0	416.99
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	0	0	0	0	981
16.	OPER BTU (MBTU)	7449650	5242206	7648409	7413484	7647278	7414424	7662219	7661947	0	0	0	0	58139618
17.	NET GEN	726827	510504	747061	719649	742722	720287	742323	737221	0	0	0	0	5646594
18.	ANOHR (BTU/KWH)	10250	10269	10238	10302	10296	10294	10322	10393	0	0	0	0	10296
19.	NOF (%)	102.2	100.9	102.5	101.9	101.8	102	101.7	101	0	0	0	0	101.8
20.	NPC (MW)	981	981	981	981	981	981	981	981	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-2017 TO: Dec-2017

		PLANT / UNIT: ST LUCIE 02 PSL 02												
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Ytd
1.	EAF (%)	100	66.5	19.3	100	99.9	100	100	100	0	0	0	0	85.8
2.	PH	744	672	743	720	744	720	744	744	0	0	0	0	5831
3.	SH	744	456.02	173.82	720	744	720	744	744	0	0	0	0	5045.83
4.	RSH	0	0	0	0	0	0	0	0	0	0	0	0	0
5.	UH	0	215.98	569.18	0	0	0	0	0	0	0	0	0	785.17
6.	POH	0	215.98	569.18	0	0	0	0	0	0	0	0	0	785.17
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	29.02	62.37	0	0	0	0	0	0	0	0	0	91.38
10.	LR PP (MW)	0	303.32	486.27	0	0	0	0	0	0	0	0	0	428.23
11.	PFOH	0	0	0	0	23.27	0	0	0	0	0	0	0	23.27
12.	LR PF (MW)	0	0	0	0	23.75	0	0	0	0	0	0	0	23.75
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	0	0	0	0	987
16.	OPER BTU (MBTU)	7662071	4584512	1484171	7412346	7656059	7415241	7663035	7662021	0	0	0	0	51539457
17.	NET GEN	756342	450584	140954	728484	752092	729038	751952	746896	0	0	0	0	5056342
18.	ANOHR (BTU/KWH)	10130	10175	10529	10175	10180	10171	10191	10258	0	0	0	0	10193
19.	NOF (%)	103	100.1	82.2	102.5	102.4	102.6	102.4	101.7	0	0	0	0	101.5
20.	NPC (MW)	987	987	987	987	987	987	987	987	0	0	0	0	987

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

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ACTUAL PERFORMANCE DATA  
 COMPANY: FLORIDA POWER AND LIGHT  
 FROM: Jan-2017 TO: Dec-2017

		PLANT / UNIT: TURKEY POINT 03											PTN 03	
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Ytd
1.	EAF (%)	100	100	56.3	7.2	99.8	100	100	100	0	0	0	0	82.9
2.	PH	744	672	743	720	744	720	744	744	0	0	0	0	5831
3.	SH	744	672	418.12	95.97	744	720	744	744	0	0	0	0	4882.08
4.	RSH	0	0	0	0	0	0	0	0	0	0	0	0	0
5.	UH	0	0	324.88	624.03	0	0	0	0	0	0	0	0	948.92
6.	POH	0	0	120	624.03	0	0	0	0	0	0	0	0	744.03
7.	FOH	0	0	204.88	0	0	0	0	0	0	0	0	0	204.88
8.	MOH	0	0	0	0	0	0	0	0	0	0	0	0	0
9.	PPOH	0	0	0	93.95	0	0	0	0	0	0	0	0	93.95
10.	LR PP (MW)	0	0	0	379.25	0	0	0	0	0	0	0	0	379.25
11.	PFOH	0	0	0	0	12.68	0	0	0	0	0	0	0	12.68
12.	LR PF (MW)	0	0	0	0	90.43	0	0	0	0	0	0	0	90.43
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	0	0	0	0	811
16.	OPER BTU (MBTU)	6707165	6056984	3770570	500506	6694776	6492278	6706060	6705757	0	0	0	0	43634096
17.	NET GEN	623783	560435	349278	42269	610662	590465	605251	606122	0	0	0	0	3988265
18.	ANOHR (BTU/KWH)	10752	10808	10795	11841	10963	10995	11080	11063	0	0	0	0	10941
19.	NOF (%)	103.4	102.8	103	54.3	101.2	101.1	100.3	100.5	0	0	0	0	100.7
20.	NPC (MW)	811	811	811	811	811	811	811	811	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 SYNCRONIZED TO THE SYSTEM

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 DOCKET NO.:  
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ACTUAL PERFORMANCE DATA  
 COMPANY: FLORIDA POWER AND LIGHT  
 FROM: Jan-2017 TO: Dec-2017

		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	100	100	100	100	0	0	0	0	100
2.	PH	744	672	743	720	744	720	744	744	0	0	0	0	5831
3.	SH	744	672	743	720	744	720	744	744	0	0	0	0	5831
4.	RSH	0	0	0	0	0	0	0	0	0	0	0	0	0
5.	UH	0	0	0	0	0	0	0	0	0	0	0	0	0
6.	POH	0	0	0	0	0	0	0	0	0	0	0	0	0
7.	FOH	0	0	0	0	0	0	0	0	0	0	0	0	0
8.	MOH	0	0	0	0	0	0	0	0	0	0	0	0	0
9.	PPOH	0	0	0	0	0	0	0	0	0	0	0	0	0
10.	LR PP (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0
11.	PFOH	0	0	0	0	0	0	0	0	0	0	0	0	0
12.	LR PF (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0
13.	PMOH	0	0	0	0	0	0	0	0	0	0	0	0	0
14.	LR PM (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0
15.	NSC	821	821	821	821	821	821	821	821	0	0	0	0	821
16.	OPER BTU (MBTU)	6706580	6058045	6697542	6491131	6706883	6491347	6706385	6707078	0	0	0	0	52564991
17.	NET GEN	629420	564983	626133	604519	617605	595035	609685	610478	0	0	0	0	4857857
18.	ANOHR (BTU/KWH)	10655	10723	10697	10738	10860	10909	11000	10987	0	0	0	0	10821
19.	NOF (%)	103	102.4	102.6	102.3	101.1	100.7	99.8	99.9	0	0	0	0	101.5
20.	NPC (MW)	821	821	821	821	821	821	821	821	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

FILED:  
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ACTUAL PERFORMANCE DATA  
 COMPANY: FLORIDA POWER AND LIGHT  
 FROM: Jan-2017 TO: Dec-2017

		PLANT / UNIT: WEST COUNTY ENER 01											PWC 01	
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Ytd
1.	EAF (%)	97.3	77.5	84.9	30.3	95.1	93.2	100	98	0	0	0	0	84.8
2.	PH	744	672	743	720	744	720	744	744	0	0	0	0	5831
3.	SH	739.73	542.82	718.83	408.4	744	720	744	744	0	0	0	0	5361.78
4.	RSH	4.27	31.38	0	0	0	0	0	0	0	0	0	0	35.65
5.	UH	0	97.8	24.17	311.6	0	0	0	0	0	0	0	0	433.57
6.	POH	0	0	0	0	0	0	0	0	0	0	0	0	0
7.	FOH	0	0	0	2.58	0	0	0	0	0	0	0	0	2.58
8.	MOH	0	97.8	6.43	249.43	0	0	0	0	0	0	0	0	353.67
9.	PPOH	0	0	169.3	0	0	0	0	0	0	0	0	0	0
10.	LR PP (MW)	0	0	571.79	0	0	0	0	0	0	0	0	0	0
11.	PFOH	50.27	33.9	22.62	121.32	50.52	2.3	0	14.98	0	0	0	0	295.9
12.	LR PF (MW)	469.44	472	631.44	756.79	387.29	387.32	0	340.33	0	0	0	0	578.75
13.	PMOH	0	118.42	25.2	407.72	45.82	143.87	0	32.32	0	0	0	0	942.63
14.	LR PM (MW)	0	388.97	481.16	487.56	495.88	387.31	0	381.28	0	0	0	0	471.59
15.	NSC	1162	1162	1162	1162	1162	1162	1162	1162	0	0	0	0	1162
16.	OPER BTU (MBTU)	4092354	3037607	4017379	1528242	4701433	4567511	4923113	4947160	0	0	0	0	31814798
17.	NET GEN	561790	420015	559688	203778	661754	648663	704658	711714	0	0	0	0	4472060
18.	ANOHR (BTU/KWH)	7284	7232	7178	7500	7105	7041	6987	6951	0	0	0	0	7114
19.	NOF (%)	65.4	66.6	67	42.9	76.5	77.5	81.5	82.3	0	0	0	0	71.8
20.	NPC (MW)	1205	1205	1205	1179	1179	1179	1179	1179	0	0	0	0	1189

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-2017 TO: Dec-2017

		PLANT / UNIT: WEST COUNTY ENER 02											PWC 02	
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Ytd
1.	EAF (%)	89.9	100	100	95.8	99.9	96.9	98.9	99.9	0	0	0	0	97.7
2.	PH	744	672	743	720	744	720	744	744	0	0	0	0	5831
3.	SH	744	672	743	720	744	720	744	744	0	0	0	0	5831
4.	RSH	0	0	0	0	0	0	0	0	0	0	0	0	0
5.	UH	0	0	0	0	0	0	0	0	0	0	0	0	0
6.	POH	0	0	0	0	0	0	0	0	0	0	0	0	0
7.	FOH	0	0	0	0	0	0	0	0	0	0	0	0	0
8.	MOH	0	0	0	0	0	0	0	0	0	0	0	0	0
9.	PPOH	0	0	0	0	0	0	0	0	0	0	0	0	0
10.	LR PP (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0
11.	PFOH	0.25	0	0	5.8	1.85	4.43	0	2.78	0	0	0	0	15.12
12.	LR PF (MW)	390.7	0	0	390.67	390.65	390.97	0	391.12	0	0	0	0	390.58
13.	PMOH	224.3	0	0	84.07	0	61.97	24.65	0	0	0	0	0	394.98
14.	LR PM (MW)	390.67	0	0	390.68	0	390.63	390.7	0	0	0	0	0	390.68
15.	NSC	1172	1172	1172	1172	1172	1172	1172	1172	0	0	0	0	1172
16.	OPER BTU (MBTU)	3659960	4077080	4781073	4473620	4801706	4555246	4831998	4937168	0	0	0	0	36117851
17.	NET GEN	520975	588829	687705	639170	690098	651470	678640	700548	0	0	0	0	5157435
18.	ANOHR (BTU/KWH)	7025	6924	6952	6999	6958	6992	7120	7048	0	0	0	0	7003
19.	NOF (%)	59.7	74.8	79	75.7	79.1	77.2	77.8	80.3	0	0	0	0	75.5
20.	NPC (MW)	1215	1215	1215	1189	1189	1189	1189	1189	0	0	0	0	1199

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-2017 TO: Dec-2017**

		PLANT / UNIT: TURKEY POINT #5 05							TP5 05					
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Ytd
1.	EAF (%)	98	99.2	96.5	97.8	99.8	99.9	99.8	97.9	0	0	0	0	98.6
2.	PH	744	672	743	720	744	720	744	744	0	0	0	0	5831
3.	SH	740.78	672	743	720	744	720	744	738.72	0	0	0	0	5822.5
4.	RSH	3.22	0	0	0	0	0	0	5.28	0	0	0	0	8.5
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	20.45	27.1	7.83	0	5.95	2.53	6.6	23.43	0	0	0	0	93.9
12.	LR PF (MW)	278	232.03	278.12	0	278	278.37	278	538.95	0	0	0	0	329.84
13.	PMOH	39.25	0	79	63.53	0	0	0	17.48	0	0	0	0	199.27
14.	LR PM (MW)	278	0	338.53	278.01	0	0	0	278.05	0	0	0	0	301.99
15.	NSC	1112	1112	1112	1112	1112	1112	1112	1112	0	0	0	0	1112
16.	OPER BTU (MBTU)	3725472	3570929	4293150	4135901	4231556	4012719	4236145	4134620	0	0	0	0	32340493
17.	NET GEN	524847	507715	615232	590287	600042	568204	597814	582021	0	0	0	0	4586162
18.	ANOHR (BTU/KWH)	7098	7033	6978	7007	7052	7062	7086	7104	0	0	0	0	7052
19.	NOF (%)	63.7	67.9	74.5	73.7	72.5	71	72.3	70.9	0	0	0	0	70.8
20.	NPC (MW)	1163	1163	1163	1143	1143	1143	1143	1143	0	0	0	0	1151

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-2017 TO: Dec-2017

		PLANT / UNIT: MANATEE UNIT 3 CC 03											PM3 03	
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Ytd
1.	EAF (%)	99.5	96.1	59.7	9.7	0	2	83.2	97.8	0	0	0	0	56.1
2.	PH	744	672	743	720	744	720	744	744	0	0	0	0	5831
3.	SH	744	672	743	139.83	0	48.33	710.43	744	0	0	0	0	3801.6
4.	RSH	0	0	0	0	0	0	0	0	0	0	0	0	
5.	UH	0	0	0	580.17	744	671.67	33.57	0	0	0	0	0	2029.4
6.	POH	0	0	0	580.17	744	671.67	33.57	0	0	0	0	0	2029.4
7.	FOH	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	
9.	PPOH	0	0	673.55	139.83	0	48.33	203.03	0	0	0	0	0	1064.75
10.	LR PP (MW)	0	0	436.34	543.94	0	780.11	508.1	0	0	0	0	0	471.44
11.	PFOH	2.28	0	10.93	0	0	0	3.33	1.13	0	0	0	0	17.68
12.	LR PF (MW)	40.06	0	308.04	0	0	0	284.03	284.59	0	0	0	0	267.29
13.	PMOH	15.77	53.17	60.07	0	0	0	0	52.52	0	0	0	0	181.52
14.	LR PM (MW)	271.69	531.63	465.96	0	0	0	0	348.2	0	0	0	0	434.27
15.	NSC	1087	1087	1087	1087	1087	1120.6	1135	1135	0	0	0	0	1103.4
16.	OPER BTU (MBTU)	4272587	3958894	3088170	499012	0	74847	4318597	5210540	0	0	0	0	21422647
17.	NET GEN	626242	581408	443648	71108	-42	4685	608932	760143	0	0	0	0	3096124
18.	ANOHR (BTU/KWH)	6823	6809	6961	7018	0	15976	7092	6855	0	0	0	0	6919
19.	NOF (%)	77.4	79.6	54.9	46.8	0	8.5	75.5	90	0	0	0	0	73.6
20.	NPC (MW)	1166	1166	1166	1151	1151	1159	1159	1159	0	0	0	0	1160

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-2017 TO: Dec-2017

		PLANT / UNIT: MARTIN-UNIT 8 08											PM8 08	
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Ytd
1.	EAF (%)	13.8	0	0.7	37.9	66.3	93.7	98.5	97	0	0	0	0	51.9
2.	PH	744	672	743	720	744	720	744	744	0	0	0	0	5831
3.	SH	141.3	0	10.8	439.97	728.07	720	744	744	0	0	0	0	3528.13
4.	RSH	2.7	0	0	0	0	0	0	0	0	0	0	0	2.7
5.	UH	600	672	732.2	280.03	15.93	0	0	0	0	0	0	0	2300.17
6.	POH	600	672	664.02	0	0	0	0	0	0	0	0	0	1936.02
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	144	0	78.98	655.2	189.08	0	0	0	0	0	0	0	1067.27
10.	LR PP (MW)	287.96	0	1018.93	398.18	266.87	0	0	0	0	0	0	0	380.68
11.	PFOH	0	0	0	276	744	125.27	3.77	10.92	0	0	0	0	1159.95
12.	LR PF (MW)	0	0	0	184.17	276.55	278.49	278.25	278.41	0	0	0	0	254.8
13.	PMOH	12.33	0	0	242.18	51.85	56.95	39.45	79.33	0	0	0	0	482.1
14.	LR PM (MW)	272.57	0	0	770.55	443.67	278.5	278.5	278.51	0	0	0	0	543.29
15.	NSC	1090	1090	1095.43	1114	1114	1114	1114	1114	0	0	0	0	1105.81
16.	OPER BTU (MBTU)	632837	-4	14637	1828174	3254978	4128604	4553120	4565245	0	0	0	0	18977591
17.	NET GEN	92372	0	-580	247602	469753	592656	666701	670350	0	0	0	0	2738854
18.	ANOHR (BTU/KWH)	6851	0	0	7384	6929	6966	6829	6810	0	0	0	0	6929
19.	NOF (%)	60	0	-4.8	50.5	57.9	73.9	80.4	80.9	0	0	0	0	69.7
20.	NPC (MW)	1195	1195	1138	1138	1138	1138	1138	1138	0	0	0	0	1152
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 &amp; LIGHT CO.

FILED:  
SUSPENDED:  
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ORDER NO.:

## ACTUAL PERFORMANCE DATA

COMPANY: FLORIDA POWER AND LIGHT

From: Jan-2017

To: Dec-2017

PLANT / UNIT: CAPE CANAVERAL 03

PCC 03

DATE	OUTAGE TYPE(1)	HOURS	(MW) AFFECTED	DESCRIPTION
01/12/2017	FF	4.3	248	32 CT Instrument air leak at pressure gauge of HRH 3SGJ-PC
01/12/2017	PF	4.3	157.31	Impact loss due to curtailment on 32
01/16/2017	FM	55.1	248	PCC CT 33 Event MOF- Generator breaker motor charging spi
01/16/2017	PM	55.1	157.36	Impact loss due to curtailment on 33
01/18/2017	FM	55.7	248	PCC CT 32 Event MOF - Generator Breaker motor charging ci
01/18/2017	PM	55.7	157.31	Impact loss due to curtailment on 32
01/31/2017	FF	2.2	248	CT 32 B stage gas sensing line leak
01/31/2017	PF	2.2	157.31	Impact loss due to curtailment on 32
02/05/2017	FF	4.0	248	32 CT BAB36 external isolator motor operator DC power breake
02/05/2017	PF	4.0	157.32	Impact loss due to curtailment on 32
03/08/2017	FM	152.7	248	PCC 32 CT Task MOF - CED Inspection MOF
03/08/2017	PM	152.7	157.32	Impact loss due to curtailment on 32
03/19/2017	FP	1303.2	248	31 CT Major Outage POF
03/19/2017	PP	1303.2	157.32	Impact loss due to curtailment on 31
04/05/2017	FF	4.8	248	PCC 32 CT Trip on DCS Module Failure
04/05/2017	PF	4.8	157.32	Impact loss due to curtailment on 32
04/20/2017	FF	2.3	248	PCC CT 32 VGV out of Position failed to start
04/20/2017	PF	2.3	157.32	Impact loss due to curtailment on 32
05/13/2017	FM	75.7	248	PCC 31 CT Event MOF - HP Drain Steam Leak
05/13/2017	PM	75.7	157.32	Impact loss due to curtailment on 31
05/16/2017	FP	906.6	248	PCC CT 33 Major
05/16/2017	PP	906.6	157.36	Impact loss due to curtailment on 33
05/25/2017	FF	0.0	248	PCC CT 31 Trip Temperature Spread
05/25/2017	PF	0.0	157.32	Impact loss due to curtailment on 31

(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-2017

To: Dec-2017

PLANT / UNIT: CAPE CANAVERAL 03

PCC 03

DATE	OUTAGE TYPE(1)	HOURS	(MW) AFFECTED	DESCRIPTION
06/29/2017	FF	1.4	248	PCC CT 33 HCO failure to swap in time
06/29/2017	PF	1.4	157.36	Impact loss due to curtailment on 33
06/29/2017	PF	0.1	68	PCC CT 31 autounloaded from 234 MW to 180 MW due to fue
06/30/2017	PF	0.6	57.3	PCC CT 3-1 Circulating water pump shut down
06/30/2017	PF	0.6	57.3	PCC CT 3-3 Circulating water pump shut down
06/30/2017	PF	0.6	57.3	PCC CT 3-2 Circulating water pump shut down
07/06/2017	FF	4.9	248	PCC CT 31 Excitation Transformer tripped due to high temp
07/06/2017	PF	4.9	157.32	Impact loss due to curtailment on 31
07/18/2017	FM	87.1	248	PCC 31 Task MOF - Inspection by Siemens due to temp sprea
07/18/2017	PM	87.1	157.32	Impact loss due to curtailment on 31
08/09/2017	FM	112.6	248	PCC CT 32 Event MOF - HP steam drain leg leak
08/09/2017	PM	112.6	157.32	Impact loss due to curtailment on 32

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

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

ISSUED BY: FLORIDA POWER &amp; LIGHT CO.

## ACTUAL PERFORMANCE DATA

COMPANY: FLORIDA POWER AND LIGHT

From: Jan-2017

To: Dec-2017

PLANT / UNIT: WEST COUNTY ENERGY 03

PWC 03

DATE	OUTAGE TYPE(1)	HOURS	(MW) AFFECTED	DESCRIPTION
01/12/2017	PM	1.7	158.64	Impact loss due to curtailment on 3A
01/12/2017	FM	138.8	232	PWC 3A Event MOF - Main Stm to Aux Stm Pipe Leak
01/12/2017	FM	137.1	476	PWC 3ST Event MOF - Main Stm to Aux Stm Pipe Leak
01/12/2017	FM	137.1	232	PWC 3B Event MOF - Main Stm to Aux Stm Pipe Leak
01/12/2017	FM	136.9	232	PWC 3C Event MOF - Main Stm to Aux Stm Pipe Leak
01/18/2017	FM	16.0	232	PWC 3A Event MOF Extension - Main Stm to Aux Stm Pipe Le
01/18/2017	FM	19.1	232	PWC 3C Event MOF Extension - Main Stm to Aux Stm Pipe Le
01/18/2017	FM	21.4	476	PWC 3ST Event MOF Extension - Main Stm to Aux Stm Pipe L
01/18/2017	FM	22.3	232	PWC 3B Event MOF Extension - Main Stm to Aux Stm Pipe Le
01/19/2017	PM	0.9	158.64	Impact loss due to curtailment on 3B
02/10/2017	FF	1.1	232	PWC 3A EFOR / Full - Both Combustor Bypass Position Modu
02/10/2017	PF	1.1	158.65	Impact loss due to curtailment on 3A
02/20/2017	FM	106.3	232	PWC 3A Event MOF - Fuel Gas Scrubber Leak
02/20/2017	PM	106.3	158.65	Impact loss due to curtailment on 3A
03/16/2017	FM	86.4	232	PWC 3C Event MOF - HRH Bypass Leak Causing Vacuum Iss
03/16/2017	PM	86.4	158.7	Impact loss due to curtailment on 3C
03/22/2017	PF	0.2	158.65	Impact loss due to curtailment on 3B
03/22/2017	PF	0.2	143	PWC 3B EFOR/Partial - Runback from Low Cooling Steam Tei
03/23/2017	PF	0.2	144	PWC 3B EFOR/Partial - Runback#2 Caused by Low Cooling S
03/24/2017	PF	0.8	475	PWC 3ST EFOR/Partial - Runback Caused by High IP Drum L
03/27/2017	FF	2.8	232	PWC 3A EFOR/Full Forced - Trip on Low HP Drum Level
03/27/2017	PF	2.8	158.65	Impact loss due to curtailment on 3A
05/02/2017	FP	1135.3	232	PWC 3B POF - CT Major Overhaul
05/02/2017	PP	1135.3	158.65	Impact loss due to curtailment on 3B

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

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

## ACTUAL PERFORMANCE DATA

COMPANY: FLORIDA POWER AND LIGHT

From: Jan-2017

To: Dec-2017

PLANT / UNIT: WEST COUNTY ENERGY 03

PWC 03

DATE	OUTAGE TYPE(1)	HOURS	(MW) AFFECTED	DESCRIPTION
07/10/2017	PF	0.1	137	PWC 3A EFOR / Runback - Low Cooling Steam Temp
07/12/2017	FM	105.5	232	PWC 3C Event MOF - HRSG Superheat Tube Leak
07/12/2017	PM	105.5	158.7	Impact loss due to curtailment on 3C
07/18/2017	FF	22.3	232	PWC 3C EFOR / Full Forced - BFP Breaker Failed to Open
07/18/2017	PF	22.3	158.7	Impact loss due to curtailment on 3C
07/20/2017	FF	10.9	232	PWC 3C EFOR / Full Forced - HP Low Low Flow Trip
07/20/2017	PF	10.9	158.7	Impact loss due to curtailment on 3C
07/20/2017	PF	31.7	52	PWC 3C EFOR / Partial - CT MW Reduced due to HP Level C
07/21/2017	FF	1.5	232	PWC 3C EFOR / Full Forced - HP Drum Level Control Valve F
07/21/2017	PF	1.5	158.7	Impact loss due to curtailment on 3C
08/13/2017	FF	8.1	232	PWC 3C EFOR / Start-up Failure - Main FG Flow Ctrl Vlv Faile
08/13/2017	PF	8.1	158.7	Impact loss due to curtailment on 3C
08/31/2017	FF	1.0	232	PWC 3C EFOR / Full Forced - Loss of BFP due to HP Drum Li
08/31/2017	PF	1.0	158.7	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:  
 DOCKET NO.:  
 ORDER NO.:

ISSUED BY: FLORIDA POWER &amp; LIGHT CO.

ACTUAL PERFORMANCE DATA  
 COMPANY: FLORIDA POWER AND LIGHT  
 From: Jan-2017 To: Dec-2017

PLANT / UNIT: FORT MYERS 02 PFM 02

DATE	OUTAGE TYPE(1)	HOURS	(MW) AFFECTED	DESCRIPTION
01/25/2017	FM	43.9	164	PFM 2F (Event MOF) HRSG Tube Leak
01/25/2017	PM	43.9	71.14	Impact loss due to curtailment on 2F
01/25/2017	PM	43.9	10.02	Impact loss due to curtailment on 2F
02/04/2017	FM	12.0	164	PFM 2A CT/HRSG Event MOF - Drain Valve Repairs
02/04/2017	PM	12.0	71.14	Impact loss due to curtailment on 2A
02/04/2017	PM	12.0	10.02	Impact loss due to curtailment on 2A
02/19/2017	FF	3.7	164	PFM 2F CT EFOR Exciter Tripped
02/19/2017	PF	3.7	71.14	Impact loss due to curtailment on 2F
02/19/2017	PF	3.7	10.02	Impact loss due to curtailment on 2F
03/01/2017	PM	49.2	10.02	Impact loss due to curtailment on 2D
03/01/2017	PM	50.8	71.14	Impact loss due to curtailment on 2D
03/01/2017	FM	283.2	164	PFM 2D Task MOF - Maintenance: Annual Reliability Outage-#
03/02/2017	PM	25.1	10.02	Impact loss due to curtailment on 2E
03/02/2017	PM	26.7	71.14	Impact loss due to curtailment on 2E
03/02/2017	FM	261.1	164	PFM 2E Task MOF - Maintenance: Annual Reliability Outage-#
03/03/2017	FM	312.6	60	PFM ST1 Task MOF - Annual: CVA Reliability Outage #3597
03/03/2017	FM	311.0	426	PFM ST2 Task MOF - Annual: CVA-Reliability Outage #3597
03/11/2017	FM	207.3	164	PFM 2B CT Task MOF - Reliability outage #46263
03/11/2017	FM	208.6	164	PFM 2F CT Task MOF - Reliability Outage #46241
03/16/2017	FF	1.7	164	PFM 2D CT EFOR Fuel Gas Heater Temperature Regulator Fa
03/16/2017	PM	63.0	71.14	Impact loss due to curtailment on 2B
03/16/2017	PM	63.0	10.02	Impact loss due to curtailment on 2B
03/16/2017	PM	64.3	71.14	Impact loss due to curtailment on 2F
03/16/2017	PM	64.3	10.02	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.:  
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## ACTUAL PERFORMANCE DATA

COMPANY: FLORIDA POWER AND LIGHT

From: Jan-2017

To: Dec-2017

PLANT / UNIT: FORT MYERS 02

PFM 02

DATE	OUTAGE TYPE(1)	HOURS	(MW) AFFECTED	DESCRIPTION
03/18/2017	FF	1.3	426	PFM Steamer #2 EFOR Loss of Condenser Vacuum
03/18/2017	FF	1.3	60	PFM Steamer #1 EFOR ST2 Trip causing unit 1 Steamer to Tr
03/20/2017	FM	7.9	164	PFM 2C CT Event MOF - CT VSV High Feedback Error
03/20/2017	PM	7.9	71.14	Impact loss due to curtailment on 2C
03/20/2017	PM	7.9	10.02	Impact loss due to curtailment on 2C
03/21/2017	FM	208.7	164	PFM 2A CT Task MOF - Reliability Outage # 46233
03/21/2017	PM	205.6	71.14	Impact loss due to curtailment on 2A
03/21/2017	PM	204.5	10.02	Impact loss due to curtailment on 2A
03/23/2017	PM	12.8	246	PFM ST2 Event MOF - Repair Condenser Tube Leak Repair
03/28/2017	FF	3.2	426	PFM ST2 - EFOR - Loss of Vacuum - Tube Leak
03/28/2017	FF	4.2	60	PFM ST1 - EFOR - Loss of Vacuum - Tube Leaks
03/31/2017	PM	7.8	246	PFM ST2 Event MOF - Condenser Tube Leak Repair
04/02/2017	FF	1.4	164	PFM 2D EFOR IP Drum Level Transmitter Failed
04/02/2017	PF	1.4	71.14	Impact loss due to curtailment on 2D
04/02/2017	PF	1.4	10.02	Impact loss due to curtailment on 2D
04/06/2017	FF	0.8	164	PFM 2B CT EFOR Exhaust Frame Blower Motor Failure
04/06/2017	PF	0.8	71.14	Impact loss due to curtailment on 2B
04/06/2017	PF	0.8	10.02	Impact loss due to curtailment on 2B
04/13/2017	FM	5.0	426	PFM ST2 Event MOF - 7G193 Hot Spot
04/25/2017	FF	1.3	164	PFM 2F CT EFOR HP to CRH bypass spray valve SGG-ACV-4
04/25/2017	PF	1.3	71.14	Impact loss due to curtailment on 2F
04/25/2017	PF	1.3	10.02	Impact loss due to curtailment on 2F
05/05/2017	FM	16.0	164	PFM 2E CT Event MOF- Repair hazardous gas detector in GTI
05/05/2017	PM	16.0	71.14	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.:

ISSUED BY: FLORIDA POWER &amp; LIGHT CO.

## ACTUAL PERFORMANCE DATA

COMPANY: FLORIDA POWER AND LIGHT

From: Jan-2017

To: Dec-2017

PLANT / UNIT: FORT MYERS

02

PFM 02

DATE	OUTAGE TYPE(1)	HOURS	(MW) AFFECTED	DESCRIPTION
05/05/2017	PM	16.0	10.02	Impact loss due to curtailment on 2E
05/28/2017	FF	1.9	164	PFM 2B CT EFOR Gas Leak in Turbine Compartment
05/28/2017	PF	1.9	71.14	Impact loss due to curtailment on 2B
05/28/2017	PF	1.9	10.02	Impact loss due to curtailment on 2B
06/02/2017	FM	22.2	164	PFM 2E CT Task MOF - Off Line Water Wash
06/02/2017	PM	22.2	71.14	Impact loss due to curtailment on 2E
06/02/2017	PM	22.2	10.02	Impact loss due to curtailment on 2E
06/04/2017	FM	20.0	164	PFM 2C CT Task MOF - Offline Water Wash
06/04/2017	PM	20.0	71.14	Impact loss due to curtailment on 2C
06/04/2017	PM	20.0	10.02	Impact loss due to curtailment on 2C
06/05/2017	FM	102.3	164	PFM 2B CT Event MOF - Expansion Joint Repair
06/05/2017	PM	102.3	71.14	Impact loss due to curtailment on 2B
06/05/2017	PM	102.3	10.02	Impact loss due to curtailment on 2B
06/13/2017	FM	24.7	164	PFM 2D CT Task MOF - Offline Water Wash
06/13/2017	PM	24.7	71.14	Impact loss due to curtailment on 2D
06/13/2017	PM	24.7	10.02	Impact loss due to curtailment on 2D
06/24/2017	FM	44.0	164	PFM 2A CT Event MOF - Fuel Gas Valves Replacement
06/24/2017	PM	44.0	71.14	Impact loss due to curtailment on 2A
06/24/2017	PM	44.0	10.02	Impact loss due to curtailment on 2A
06/28/2017	FF	3.7	164	PFM 2B CT EFOR - Field Flashing Relay 53B Failed to close
06/28/2017	PF	3.7	71.14	Impact loss due to curtailment on 2B
06/28/2017	PF	3.7	10.02	Impact loss due to curtailment on 2B
07/12/2017	FM	24.8	164	PFM 2F CT Task MOF - Offline Waterwash
07/12/2017	PM	24.8	71.14	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:  
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## ACTUAL PERFORMANCE DATA

COMPANY: FLORIDA POWER AND LIGHT

From: Jan-2017

To: Dec-2017

PLANT / UNIT: FORT MYERS 02

PFM 02

DATE	OUTAGE TYPE(1)	HOURS	(MW) AFFECTED	DESCRIPTION
07/12/2017	PM	24.8	10.02	Impact loss due to curtailment on 2F
08/18/2017	FM	70.7	164	PFM 2A CT Event MOF - HRSG Tube Leak Repair
08/18/2017	PM	70.7	71.14	Impact loss due to curtailment on 2A
08/18/2017	PM	70.7	10.02	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

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ISSUED BY: FLORIDA POWER &amp; LIGHT CO.

**ACTUAL PERFORMANCE DATA**

**COMPANY: FLORIDA POWER AND LIGHT**

From: Jan-2017 To: Dec-2017

PLANT / UNIT: ST LUCIE 01 PSL 01

DATE	OUTAGE TYPE(1)	HOURS	(MW) AFFECTED	DESCRIPTION
01/31/2017	PF	4.0	375.23	U1 UEL RCP Leak DN PWR 013117
01/31/2017	FF	175.4	981	U1 UEL RCP Leak shutdown 013117
02/07/2017	PF	15.5	427.65	U1 1B2 RCP Leak Repair Up Power 020717
05/31/2017	PP	8.6	146.01	U1 PEL Semi-Annual Turbine Valve Testing 053117

- (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-2017

To: Dec-2017

PLANT / UNIT: ST LUCIE

02

PSL 02

DATE	OUTAGE TYPE(1)	HOURS	(MW) AFFECTED	DESCRIPTION
02/18/2017	PP	8.0	175.19	U2 PEL Down Power to 67% for SL2-23 021817
02/19/2017	PP	18.0	323.52	U2 PEL Main Steam Safety Valve Testing 021917
02/19/2017	PP	3.0	522.91	U2 PEL Down Power to Breaker Open for SL2-23 021917
02/20/2017	FP	785.2	987	U2 PEL SL2-23 Refueling and Maintenance 022017
03/24/2017	PP	62.4	486.3	PSL 2 PEL SL2-23 Power Ascension 032417
05/26/2017	PF	23.3	23.75	U2 UEL DEH LEAK Down PWR to 95% 052617

(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-2017

To: Dec-2017

PLANT / UNIT: TURKEY POINT 03

PTN 03

DATE	OUTAGE TYPE(1)	HOURS	(MW) AFFECTED	DESCRIPTION
03/18/2017	FF	90.1	811	PTN Unit 3 Automatic Reactor Trip due to loss of 3A 4KV bus.
03/22/2017	FF	114.8	811	PTN Unit 3 Unplanned Reactor Shutdown due to 3B RCP pum
03/27/2017	FP	744.0	811	PTN Unit 3 Cycle 29 Refueling outage
04/27/2017	PP	94.0	379.25	Power Ascension following Cycle 29RFO
05/04/2017	PF	12.7	90.41	Unit 3 unplanned downpower to 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:  
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ISSUED BY: FLORIDA POWER &amp; LIGHT CO.

ACTUAL PERFORMANCE DATA  
 COMPANY: FLORIDA POWER AND LIGHT  
 From: Jan-2017 To: Dec-2017  
 PLANT / UNIT: WEST COUNTY ENERGY 01 PWC 01

DATE	OUTAGE TYPE(1)	HOURS	(MW) AFFECTED	DESCRIPTION
01/15/2017	FF	1.5	230	PWC 1C EFOR/Full Forced - False Low Flow BFP Trip.
01/15/2017	PF	1.5	157.36	Impact loss due to curtailment on 1C
01/29/2017	FF	82.7	472	PWC U1 ST EFOR/Full Forced - ST Low EHC Pressure Trip: F
02/08/2017	FM	33.9	230	PWC 1B Event MOF - BFP Mechanical Seal Failed
02/08/2017	PM	33.9	157.32	Impact loss due to curtailment on 1B
02/16/2017	FM	82.4	230	PWC 1A Task MOF - CT Borescope and Water Wash
02/16/2017	PM	82.4	157.32	Impact loss due to curtailment on 1A
02/24/2017	FM	131.6	230	PWC 1C Task MOF - Block Outage/CT Borescope and Water Wash
02/24/2017	PM	22.1	157.36	Impact loss due to curtailment on 1C
02/24/2017	FM	109.5	472	PWC Unit 1 Event MOF - Block Outage -1A main steam balance
02/24/2017	FM	104.5	230	PWC 1A Event MOF - Main Steam Balance Line Crack
02/24/2017	FM	108.0	230	PWC 1B Task MOF - Block Outage/Borescope and Water Wash
03/11/2017	PF	0.5	55	PWC 1B EFOR/Partial -Runback Caused by High Cooling Steam
03/11/2017	PF	0.5	157.32	Impact loss due to curtailment on 1B
03/11/2017	PF	0.9	69	PWC 1B EFOR/Partial - Runback #2 Caused by High Cooling Steam
03/16/2017	FF	1.4	472	PWC 1ST EFOR/Full Forced - HRSG Blowdown Caused Loss
03/24/2017	PM	267.0	157.32	Impact loss due to curtailment on 1A
03/24/2017	FM	384.0	230	PWC 1A Task MOF - Reliability Outage
03/27/2017	PM	194.5	157.36	Impact loss due to curtailment on 1C
03/27/2017	FM	384.0	230	PWC 1C Task MOF - Reliability Outage
03/28/2017	FF	17.7	230	PWC 1B EFOR/Full Forced - Electrical Fault Trip of CT Gen E
03/28/2017	FF	19.9	472	PWC 1ST EFOR/Full Forced - During 1 X 1, 1B CT Tripped
04/05/2017	FM	240.0	472	PWC 1ST Task MOF - Reliability Outage
04/05/2017	FM	384.0	230	PWC 1B Task MOF - Reliability Outage

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

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## ACTUAL PERFORMANCE DATA

COMPANY: FLORIDA POWER AND LIGHT

From: Jan-2017

To: Dec-2017

PLANT / UNIT: WEST COUNTY ENERGY 01

PWC 01

DATE	OUTAGE TYPE(1)	HOURS	(MW) AFFECTED	DESCRIPTION
04/09/2017	FM	161.4	230	PWC 1A Task MOF Extension - Reliability Outage
04/12/2017	FM	80.2	230	PWC 1C Task MOF Extension - Reliability Outage
04/15/2017	FM	18.4	472	PWC 1ST Task MOF Extension - Reliability Outage
04/16/2017	FF	2.6	230	PWC 1C EFOR/Full Forced - Low Cooling Steam Pressure
04/16/2017	PM	0.2	157.32	Impact loss due to curtailment on 1A
04/16/2017	PM	64.8	157.32	Impact loss due to curtailment on 1B
04/16/2017	FF	61.1	472	PWC 1ST EFOR/OMC - G-Switch Hot Spot
04/16/2017	FF	57.0	230	PWC 1C EFOR/OMC - U1ST G-Switch Hot Spot
04/16/2017	FF	61.0	230	PWC 1A EFOR/OMC - ST G-Switch Hot Spot
04/19/2017	PF	0.2	157.32	Impact loss due to curtailment on 1A
04/21/2017	FM	155.3	230	PWC 1B Event MOF Extension- CT Turbine Row 1 Blades anc
04/21/2017	PM	155.3	157.32	Impact loss due to curtailment on 1B
04/28/2017	FF	35.1	230	PWC 1A EFOR/ Full Forced - Poor Chemistry Due to Condens
04/28/2017	PF	29.4	157.32	Impact loss due to curtailment on 1A
04/28/2017	FF	5.7	472	PWC 1ST EFOR/Full Forced - Poor Chemistry Due to Conden
04/28/2017	FF	90.8	230	PWC 1B EFOR/Full Forced - IP Superheat Tube Leak
04/28/2017	FF	2.6	230	PWC 1C EFOR/Full Forced - Poor Chemistry Due to Condens-
04/28/2017	PF	85.3	157.32	Impact loss due to curtailment on 1B
05/05/2017	PM	34.1	157.36	Impact loss due to curtailment on 1C
05/05/2017	FM	42.6	230	PWC 1C Event MOF - IP Econ Drain Piping Leak
05/06/2017	FM	9.9	472	PWC 1ST Event MOF - Main Steam Stop Valve Causing High
05/06/2017	FM	11.4	230	PWC 1B Event MOF - HRH Bypass Leak
05/07/2017	PM	1.8	157.32	Impact loss due to curtailment on 1B
05/07/2017	FF	1.8	230	PWC 1B EFOR/Start-up Failure - LP Bleed Vlv Failed & High 1

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

COMPANY: FLORIDA POWER AND LIGHT

From: Jan-2017

To: Dec-2017

PLANT / UNIT: WEST COUNTY ENERGY 01

PWC 01

DATE	OUTAGE TYPE(1)	HOURS	(MW) AFFECTED	DESCRIPTION
05/07/2017	PF	1.8	157.32	Impact loss due to curtailment on 1B
05/11/2017	FF	17.7	230	PWC 1A EFOR/Start-up Failure - Failed Ignitor
05/11/2017	PF	17.7	157.32	Impact loss due to curtailment on 1A
06/07/2017	FM	106.9	230	PWC 1A Task MOF - CT Transition Piece Borescope
06/07/2017	PM	106.9	157.32	Impact loss due to curtailment on 1A
06/16/2017	FM	37.0	230	PWC 1B Event MOF - HRH Bypass Crack
06/16/2017	PM	37.0	157.32	Impact loss due to curtailment on 1B
06/18/2017	FF	2.3	230	PWC 1B EFOR / Forced - High Blade Path Spread Trip due to
06/18/2017	PF	2.3	157.32	Impact loss due to curtailment on 1B
08/05/2017	FM	32.3	230	PWC 1A Event MOF - Replace Damaged Ammonia Fan Housi
08/05/2017	PM	31.1	157.32	Impact loss due to curtailment on 1A
08/05/2017	FF	1.2	472	PWC 1ST EFOR / Full Forced - High HP Drum Level on 1A
08/07/2017	PF	2.4	50	PWC 1A EFOR / Partial - HP Drum Level Control Issues
08/10/2017	FF	11.4	230	PWC 1B EFOR / Start-up Failure - Generator Breaker Failed to
08/10/2017	PF	11.4	157.32	Impact loss due to curtailment on 1B

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

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

ISSUED BY: FLORIDA POWER &amp; LIGHT CO.

ACTUAL PERFORMANCE DATA  
 COMPANY: FLORIDA POWER AND LIGHT  
 From: Jan-2017 To: Dec-2017

PLANT / UNIT: WEST COUNTY ENERGY 02

PWC 02

DATE	OUTAGE TYPE(1)	HOURS	(MW) AFFECTED	DESCRIPTION
01/11/2017	FF	0.3	232	PWC 2C EFOR/Start-up Failure - CT Flame Out Trip
01/11/2017	PF	0.3	158.7	Impact loss due to curtailment on 2C
01/19/2017	FM	128.7	232	PWC 2A Event MOF - Significant AIG Slip
01/19/2017	PM	128.7	158.65	Impact loss due to curtailment on 2A
01/26/2017	FM	95.6	232	PWC 2C Event MOF - Seal Oil Skid Vibration
01/26/2017	PM	95.6	158.7	Impact loss due to curtailment on 2C
04/06/2017	FM	84.1	232	PWC 2C Event MOF - HRH Bypass Crack
04/06/2017	PM	84.1	158.7	Impact loss due to curtailment on 2C
04/10/2017	FF	2.3	232	PWC 2C Start-up Failure - Fires Not In
04/10/2017	PF	2.3	158.7	Impact loss due to curtailment on 2C
04/26/2017	FF	3.5	232	PWC 2B EFOR / Stat-up Failure - No Fires In
04/26/2017	PF	3.5	158.65	Impact loss due to curtailment on 2B
05/07/2017	FF	1.9	232	PWC 2A EFOR/Full forced - CT Triped on Condenser Protectic
05/07/2017	PF	1.9	158.65	Impact loss due to curtailment on 2A
06/05/2017	FM	62.0	232	PWC 2B Event MOF - BFP Balancing Line Leak
06/05/2017	PM	62.0	158.65	Impact loss due to curtailment on 2B
06/14/2017	FF	2.1	232	PWC 2C EFOR / Start-up Failure - Failed to Fire
06/14/2017	PF	2.1	158.7	Impact loss due to curtailment on 2C
06/16/2017	FF	2.3	232	PWC 2B EFOR / Start-up Failure - Loose Ignitor Connection
06/16/2017	PF	2.3	158.65	Impact loss due to curtailment on 2B
07/19/2017	FM	24.7	232	PWC 2C Event MOF - HRH Bypass Crack
07/19/2017	PM	24.7	158.7	Impact loss due to curtailment on 2C
08/23/2017	FF	2.8	232	PWC 2B EFOR / Full Forced - HP Sensing Line Leak
08/23/2017	PF	2.8	158.65	Impact loss due to curtailment on 2B

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

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

## ACTUAL PERFORMANCE DATA

COMPANY: FLORIDA POWER AND LIGHT

From: Jan-2017

To: Dec-2017

PLANT / UNIT: TURKEY POINT #5 05

TP5 05

DATE	OUTAGE TYPE(1)	HOURS	(MW) AFFECTED	DESCRIPTION
01/01/2017	FF	19.6	166	5C Trip on Phase C PT Fuse Failure
01/01/2017	PF	19.6	112	Impact loss due to curtailment on 5C
01/07/2017	FM	21.3	166	PTC 5C EVENT MOF PT Fuse Wiring Replacement
01/07/2017	PM	21.3	112	Impact loss due to curtailment on 5C
01/23/2017	FM	17.9	166	PTC 5B Event MOF - HRH bypass valve travel issue
01/23/2017	PM	17.9	112	Impact loss due to curtailment on 5B
01/24/2017	FF	0.9	166	PTC 5B Trip on High HP Drum Level - EFOR
01/24/2017	PF	0.9	112	Impact loss due to curtailment on 5B
02/11/2017	PF	27.1	232	PTF 5 East CT MCC Brkr and Cable Failure - EFOR
02/20/2017	FF	0.0	166	PTC 5B Trip - Sys Op Instruction
02/20/2017	PF	0.0	112	Impact loss due to curtailment on 5B
03/01/2017	FF	6.3	166	PTC 5B Trip on Loss of BFP - EFOR
03/01/2017	PF	6.3	112	Impact loss due to curtailment on 5B
03/10/2017	FM	18.4	166	PTF 5C Event MOF - PT Fuse Replacement
03/10/2017	PM	18.4	112	Impact loss due to curtailment on 5C
03/14/2017	FM	60.6	166	PTF 5C Event MOF - HRSG Drain Pipe Leaks
03/14/2017	PM	60.6	112	Impact loss due to curtailment on 5C
03/14/2017	FM	17.2	166	PTF 5D Event MOF - Duct Burner Cntrl Valve Repairs
03/14/2017	PM	17.2	112	Impact loss due to curtailment on 5D
03/17/2017	FF	1.5	166	PTF 5C Trip - DWATT Failure - EFOR
03/17/2017	PF	1.5	112	Impact loss due to curtailment on 5C
04/19/2017	FM	21.9	166	PTF 5C Event MOF - HRSG Tube Leak Repair
04/19/2017	PM	21.9	112	Impact loss due to curtailment on 5C
04/20/2017	FM	41.7	166	PTF 5A Event MOF - HRSG Tube Leak 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:  
EFFECTIVE:  
DOCKET NO.:  
ORDER NO.:

ISSUED BY: FLORIDA POWER &amp; LIGHT CO.

## ACTUAL PERFORMANCE DATA

COMPANY: FLORIDA POWER AND LIGHT

From: Jan-2017

To: Dec-2017

PLANT / UNIT: TURKEY POINT #5 05

TP5 05

DATE	OUTAGE TYPE(1)	HOURS	(MW) AFFECTED	DESCRIPTION
04/20/2017	PM	41.7	112	Impact loss due to curtailment on 5A
05/06/2017	FF	6.0	166	PTC 5C - EFOR - PT Fuse Failure
05/06/2017	PF	6.0	112	Impact loss due to curtailment on 5C
06/05/2017	FF	0.4	166	PTF 5B EFOR - Low LP Drum Level
06/05/2017	PF	0.4	112	Impact loss due to curtailment on 5B
06/11/2017	FF	2.1	166	PTF 5A EFOR - HP SH Temp Hi Runback and Manual Trip
06/11/2017	PF	2.1	112	Impact loss due to curtailment on 5A
07/27/2017	FF	6.6	166	PTF 5D EFOR - Loss of Communicaton of MarkVI VCMC Card
07/27/2017	PF	6.6	112	Impact loss due to curtailment on 5D
08/01/2017	FM	17.5	166	PTF 5A Event MOF - 5A BFP Mech Seal Leak Repair
08/01/2017	PM	17.5	112	Impact loss due to curtailment on 5A
08/23/2017	PF	0.9	398	PTF 5ST EFOR - Lightning Strike Loss of ST Control
08/23/2017	FF	16.5	448	PTF 5ST EFOR - Lightning Strike Loss Stuck CRH Valve
08/25/2017	PF	0.0	112	Impact loss due to curtailment on 5D
08/25/2017	FF	4.3	166	PTF 5D - EFOR - Runback On Loss of Supporting Equipment
08/25/2017	FF	6.0	448	PTF 5 ST EFOR - Loss of Vacuum
08/25/2017	FF	4.9	166	PTF 5B - EFOR - CT Trip on Low LP Drum Level
08/25/2017	FF	3.9	166	PTF 5A - EFOR - Trip on Low LP Drum Level

(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-2017

To: Dec-2017

PLANT / UNIT: MANATEE UNIT 3 CC 03

PM3 03

DATE	OUTAGE TYPE(1)	HOURS	(MW) AFFECTED	DESCRIPTION
01/09/2017	PF	2.3	40	3C Failed to Start
01/27/2017	FM	15.8	160	PMT 3C Event MOF - replace gasket on orifice flange on HP s
01/27/2017	PM	15.8	111.75	Impact loss due to curtailment on 3C
02/18/2017	FM	52.4	160	PMT 3A Task MOF - .05 Performance Test
02/18/2017	PM	52.4	111.75	Impact loss due to curtailment on 3A
02/18/2017	FM	51.6	160	PMTT 3C Task MOF - .05 Performance Test
02/18/2017	PM	51.6	111.75	Impact loss due to curtailment on 3C
03/01/2017	FM	60.1	160	PMT 3B TASK MOF - .05 Performance Test
03/01/2017	PM	60.1	111.75	Impact loss due to curtailment on 3B
03/01/2017	FM	42.9	160	PMT 3D TASK MOF - .05 Performance Test
03/01/2017	PM	42.9	111.75	Impact loss due to curtailment on 3D
03/03/2017	PP	811.4	111.75	Impact loss due to curtailment on 3C
03/03/2017	FP	2497.6	160	3C Planned Outage - .05 Upgrade
03/04/2017	FF	9.9	160	3B Failed to Start
03/04/2017	PF	9.9	111.75	Impact loss due to curtailment on 3B
03/11/2017	PF	0.3	335.25	Impact loss due to curtailment on 3A
03/11/2017	PF	0.7	150	3A Partial EFOR due to low gas pressure
03/11/2017	FF	0.8	447	Impact loss due to curtailment on 3B
03/11/2017	FF	0.8	160	3B EFOR due to low gas pressure.
03/14/2017	PP	547.0	111.75	Impact loss due to curtailment on 3D
03/14/2017	FP	2232.3	160	3D Planned Outage - .05 Upgrade
04/06/2017	FP	1685.3	447	3STM Planned Outage - Major
04/06/2017	FP	1684.4	160	3A Planned Outage - .05
04/06/2017	FP	1684.2	160	3C Planned Outage - .05

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

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

ISSUED BY: FLORIDA POWER &amp; LIGHT CO.

## ACTUAL PERFORMANCE DATA

COMPANY: FLORIDA POWER AND LIGHT

From: Jan-2017

To: Dec-2017

PLANT / UNIT: MANATEE UNIT 3 CC 03

PM3 03

DATE	OUTAGE TYPE(1)	HOURS	(MW) AFFECTED	DESCRIPTION
06/16/2017	FP	234.0	178	3D Planned Outage Extension - .05 Upgrade
06/16/2017	FP	243.7	178	3C Planned Outage Extension - .05 Upgrade
06/16/2017	FP	283.2	178	3B Planned Outage Extension - .05 Upgrade
06/16/2017	FP	361.5	423	3ST Planned Outage Extension - Major
06/16/2017	FP	377.9	178	3A Planned Outage Extension - .05 Upgrade
06/25/2017	FP	0.0	178	3D Planned Outage - .05 Upgrade
06/25/2017	FP	33.3	178	3D Planned Outage Extension - .05 Upgrade
06/26/2017	FP	0.0	178	3C Planned Outage - .05 Upgrade
06/26/2017	FP	7.4	178	3C Planned Outage Extension - .05 Upgrade
06/26/2017	FP	0.0	178	3C Planned Outage - .05 Upgrade
06/26/2017	FP	4.3	178	3C Planned Outage Extension - .05 Upgrade
06/27/2017	FP	0.0	178	3C Planned Outage - .05 Upgrade
06/27/2017	FP	33.0	178	3C Planned Outage Extension - .05 Upgrade
06/27/2017	FP	0.0	178	3D Planned Outage - .05 Upgrade
06/27/2017	FP	20.4	178	3D Planned Outage Extension - .05 Upgrade
06/27/2017	FP	0.0	178	3B Planned Outage - .05 Upgrade
06/27/2017	FP	22.8	178	3B Planned Outage Extension - .05 Upgrade
06/28/2017	FP	0.0	178	3D Planned Outage - .05 Upgrade
06/28/2017	FP	4.6	178	3D Planned Outage Extension - .05 Upgrade
06/28/2017	FP	0.0	178	3C Planned Outage - .05 Upgrade
06/28/2017	FP	41.6	178	3C Planned Outage Extension - .05 Upgrade
06/28/2017	FP	0.0	178	3D Planned Outage - .05 Upgrade
06/28/2017	FP	90.5	178	3D Planned Outage Extension - .05 Upgrade
06/28/2017	FP	0.0	178	3B Planned Outage - .05 Upgrade

(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-2017

To: Dec-2017

PLANT / UNIT: MANATEE UNIT 3 CC 03

PM3 03

DATE	OUTAGE TYPE(1)	HOURS	(MW) AFFECTED	DESCRIPTION
06/28/2017	FP	9.2	178	3B Planned Outage Extension - .05 Upgrade
06/29/2017	FP	0.0	178	3B Planned Outage - .05 Upgrade
06/29/2017	FP	17.1	178	3B Planned Outage Extension - .05 Upgrade
06/30/2017	FP	0.0	178	3C Planned Outage - .05 Upgrade
06/30/2017	FP	0.0	178	3B Planned Outage - .05 Upgrade
06/30/2017	FP	8.4	178	3C Planned Outage Extension - .05 Upgrade
06/30/2017	FP	138.9	178	3B Planned Outage Extension - .05 Upgrade
07/01/2017	PP	0.9	105.75	Impact loss due to curtailment on 3D
07/01/2017	PP	0.9	105.75	Impact loss due to curtailment on 3A
07/01/2017	PP	49.3	105.75	Impact loss due to curtailment on 3B
07/01/2017	FP	0.0	423	3ST Planned Outage - .05 Upgrade
07/01/2017	FP	64.3	423	3ST Planned Outage Extension - .05 Upgrade
07/01/2017	FP	0.0	178	3C Planned Outage - .05 Upgrade
07/01/2017	FP	18.7	178	3C Planned Outage Extension - .05 Upgrade
07/01/2017	FP	0.0	178	3C Planned Outage - .05 Upgrade
07/01/2017	FP	2.6	178	3C Planned Outage Extension - .05 Upgrade
07/02/2017	FP	0.0	178	3A Planned Outage - .05 Upgrade
07/02/2017	FP	0.0	178	3C Planned Outage - .05 Upgrade
07/02/2017	FP	76.5	178	3A Planned Outage Extension - .05 Upgrade
07/02/2017	FP	6.6	178	3C Planned Outage Extension - .05 Upgrade
07/03/2017	PP	29.1	105.75	Impact loss due to curtailment on 3A
07/04/2017	FP	0.0	178	3C Planned Outage - .05 Upgrade
07/04/2017	PP	0.0	105.75	Impact loss due to curtailment on 3C
07/04/2017	PP	0.2	105.75	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:  
DOCKET NO.:  
ORDER NO.:

ISSUED BY: FLORIDA POWER &amp; LIGHT CO.

## ACTUAL PERFORMANCE DATA

COMPANY: FLORIDA POWER AND LIGHT

From: Jan-2017

To: Dec-2017

PLANT / UNIT: MANATEE UNIT 3 CC 03

PM3 03

DATE	OUTAGE TYPE(1)	HOURS	(MW) AFFECTED	DESCRIPTION
07/04/2017	FP	12.6	178	3C Planned Outage Extension - .05 Upgrade
07/04/2017	FP	0.0	423	3ST Planned Outage - .05 Upgrade
07/04/2017	FP	14.1	423	3ST Planned Outage Extension - .05 Upgrade
07/04/2017	FP	0.0	178	3D Planned Outage - .05 Upgrade
07/04/2017	FP	12.5	178	3D Planned Outage Extension - .05 Upgrade
07/06/2017	FP	0.0	178	3A Planned Outage - .05 Upgrade
07/06/2017	PP	0.0	105.75	Impact loss due to curtailment on 3A
07/06/2017	FP	21.8	178	3A Planned Outage Extension - .05 Upgrade
07/06/2017	PP	21.8	105.75	Impact loss due to curtailment on 3A
07/07/2017	FP	0.0	178	3D Planned Outage - .05 Upgrade
07/07/2017	PP	0.0	105.75	Impact loss due to curtailment on 3D
07/07/2017	FP	36.5	178	3D Planned Outage Extension - .05 Upgrade
07/07/2017	PP	31.6	105.75	Impact loss due to curtailment on 3D
07/07/2017	FP	0.0	178	3C Planned Outage - .05 Upgrade
07/07/2017	PP	0.0	105.75	Impact loss due to curtailment on 3C
07/07/2017	FP	14.1	178	3C Planned Outage Extension - .05 Upgrade
07/07/2017	PP	14.1	105.75	Impact loss due to curtailment on 3C
07/08/2017	FP	0.0	423	3ST Planned Outage - Major Overhaul
07/08/2017	FP	0.0	178	3C Planned Outage - .05 Upgrade
07/08/2017	FP	0.0	178	3B Planned Outage - .05 Upgrade
07/08/2017	FP	0.0	178	3A Planned Outage - .05 Upgrade
07/08/2017	FP	2.8	178	3A Planned Outage Extension - .05 Upgrade
07/08/2017	FP	3.4	178	3C Planned Outage Extension - .05 Upgrade
07/08/2017	FP	4.8	423	3ST Planned Outage Extension - Major Overhaul

(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-2017 To: Dec-2017**  
**PLANT / UNIT: MANATEE UNIT 3 CC 03 PM3 03**

DATE	OUTAGE TYPE(1)	HOURS	(MW) AFFECTED	DESCRIPTION
07/08/2017	FP	9.4	178	3B Planned Outage Extension - .05 Upgrade
07/09/2017	PP	4.6	105.75	Impact loss due to curtailment on 3B
07/09/2017	FP	0.0	178	3C Planned Outage - .05 Upgrade
07/09/2017	PP	0.0	105.75	Impact loss due to curtailment on 3C
07/09/2017	FP	0.4	178	3C Planned Outage Extension - .05 Upgrade
07/09/2017	PP	0.4	105.75	Impact loss due to curtailment on 3C
07/09/2017	FP	0.0	178	3B Planned Outage - .05 Upgrade
07/09/2017	PP	0.0	105.75	Impact loss due to curtailment on 3B
07/09/2017	FP	0.6	178	3B Planned Outage Extension - .05 Upgrade
07/09/2017	PP	0.6	105.75	Impact loss due to curtailment on 3B
07/10/2017	FP	0.0	178	3C Planned Outage - .05 Upgrade
07/10/2017	PP	0.0	105.75	Impact loss due to curtailment on 3C
07/10/2017	FP	5.0	178	3C Planned Outage Extension - .05 Upgrade
07/10/2017	PP	5.0	105.75	Impact loss due to curtailment on 3C
07/10/2017	FP	0.0	178	3D Planned Outage - .05 Upgrade
07/10/2017	PP	0.0	105.75	Impact loss due to curtailment on 3D
07/10/2017	FP	5.9	178	3D Planned Outage Extension - .05 Upgrade
07/10/2017	PP	5.9	105.75	Impact loss due to curtailment on 3D
07/11/2017	FP	0.0	178	3B Planned Outage - .05 Upgrade
07/11/2017	PP	0.0	105.75	Impact loss due to curtailment on 3B
07/11/2017	FP	30.7	178	3B Planned Outage Extension - .05 Upgrade
07/11/2017	PP	30.7	105.75	Impact loss due to curtailment on 3B
07/11/2017	FP	0.0	178	3A Planned Outage - .05 Upgrade
07/11/2017	PP	0.0	105.75	Impact loss due to curtailment on 3A

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

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

## ACTUAL PERFORMANCE DATA

COMPANY: FLORIDA POWER AND LIGHT

From: Jan-2017

To: Dec-2017

PLANT / UNIT: MANATEE UNIT 3 CC 03

PM3 03

DATE	OUTAGE TYPE(1)	HOURS	(MW) AFFECTED	DESCRIPTION
07/11/2017	FP	20.1	178	3A Planned Outage Extension - .05 Upgrade
07/11/2017	PP	20.1	105.75	Impact loss due to curtailment on 3A
07/28/2017	FF	1.0	178	3B EFOR due to low HP drum level
07/28/2017	PF	1.0	105.75	Impact loss due to curtailment on 3B
07/29/2017	FF	2.3	178	3B EFOR Event due to false LP drum pressure indication
07/29/2017	PF	2.3	105.75	Impact loss due to curtailment on 3B
08/03/2017	FF	1.1	178	3A EFOR Event due to high exhaust pressure
08/03/2017	PF	1.1	105.75	Impact loss due to curtailment on 3A
08/19/2017	FM	24.1	178	PMT3B Event MOF - Replace failed flame detector
08/19/2017	PM	24.1	105.75	Impact loss due to curtailment on 3B
08/25/2017	FM	22.7	178	PMT3A Event MOF - Replaced exciter controller
08/25/2017	PM	22.7	105.75	Impact loss due to curtailment on 3A
08/25/2017	FM	17.7	178	PMT3D Event MOF - Repair Main Steam Block MOV
08/25/2017	PM	17.7	105.75	Impact loss due to curtailment on 3D

(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-2017

To: Dec-2017

PLANT / UNIT: MARTIN-UNIT 8 08

PM8 08

DATE	OUTAGE TYPE(1)	HOURS	(MW) AFFECTED	DESCRIPTION
01/01/2017	PP	140.2	110.5	Impact loss due to curtailment on 8A
01/01/2017	FP	1991.0	162	PMR 8A POF - .05 upgrade
01/04/2017	FM	12.3	162	PMR 8C Event MOF - Troubleshoot, test,repair B LCI
01/04/2017	PM	12.3	110.5	Impact loss due to curtailment on 8B
01/06/2017	FP	1850.8	442	PMR 8ST POF - Project 46336 Major OH
01/06/2017	FP	1850.3	162	PMR 8D POF- Project 46370
01/06/2017	FP	1849.7	162	PMR 8C POF - Project 46361
01/07/2017	FP	1847.0	162	PMR 8B POF - Dot 05 upgrade
03/24/2017	FP	89.0	162	PMR 8D POF ext - Project 46370 extension
03/24/2017	FP	89.1	162	PMR 8C POF ext - Project 46361 extension
03/24/2017	FP	170.2	442	PMR 8ST POF ext - Project 46336 Major OH ext
03/24/2017	FP	229.1	162	PMR 8B POF ext - .05 upgrade
03/24/2017	FP	232.3	162	PMR 8A POF ext - .05 upgrade
03/28/2017	FP	0.0	171	PMR 8C POF - Project 46361 (1 min POF to enable extension)
03/28/2017	FP	36.3	171	PMR 8C POF ext - Project 46361 extension
03/28/2017	FP	0.0	171	PMR 8D POF - Project 46370 (1 min POF to enable extension)
03/28/2017	FP	36.3	171	PMR 8D POF ext - Project 46370 extension
03/30/2017	FP	0.0	171	PMR 8D POF - Project 46370 (1 min POF to enable extension)
03/30/2017	FP	0.0	171	PMR 8C POF - Project 46361 (1 min POF to enable extension)
03/30/2017	FP	12.3	171	PMR 8D POF ext - Project 46370 extension
03/30/2017	FP	12.2	171	PMR 8C POF ext - Project 46361 extension
03/31/2017	FP	0.0	171	PMR 8D POF - Project 46370 (1 min POF to enable extension)
03/31/2017	FP	21.0	171	PMR 8D POF ext - Project 46370 extension
03/31/2017	FP	0.0	171	PMR 8C POF - Project 46361 (1 min POF to enable extension)

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

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

ISSUED BY: FLORIDA POWER &amp; LIGHT CO.

## ACTUAL PERFORMANCE DATA

COMPANY: FLORIDA POWER AND LIGHT

From: Jan-2017

To: Dec-2017

PLANT / UNIT: MARTIN-UNIT 8 08

PM8 08

DATE	OUTAGE TYPE(1)	HOURS	(MW) AFFECTED	DESCRIPTION
03/31/2017	FP	19.8	171	PMR 8C POF ext - Project 46361 extension
04/01/2017	PP	14.9	107.5	Impact loss due to curtailment on 8B
04/01/2017	PP	18.0	107.5	Impact loss due to curtailment on 8A
04/01/2017	FP	0.0	430	PMR 8ST POF - Project 46336 Major OH (1 min POF to enable)
04/01/2017	FP	22.0	430	PMR 8ST POF ext - Project 46336 Major OH ext
04/01/2017	FP	0.0	171	PMR 8C POF - Project 46361 (1 min POF to enable extension)
04/01/2017	FP	19.6	171	PMR 8C POF ext - Project 46361 extension
04/01/2017	FP	0.0	171	PMR 8D POF - Project 46370 (1 min POF to enable extension)
04/01/2017	FP	19.4	171	PMR 8D POF ext - Project 46370 extension
04/02/2017	FP	0.0	430	PMR 8ST POF - Project 46336 Major OH (1 min POF to enable)
04/02/2017	FP	22.1	430	PMR 8ST POF ext - Project 46336 Major OH ext
04/02/2017	FP	0.0	171	PMR 8C POF - Project 46361 (1 min POF to enable extension)
04/02/2017	FP	19.7	171	PMR 8C POF ext - Project 46361 extension
04/02/2017	FP	0.0	171	PMR 8D POF - Project 46370 (1 min POF to enable extension)
04/02/2017	FP	19.8	171	PMR 8D POF ext - Project 46370 extension
04/03/2017	FP	0.0	171	PMR 8D POF - Project 46370 (1 min POF to enable extension)
04/03/2017	PP	0.0	107.5	Impact loss due to curtailment on 8D
04/03/2017	FP	9.6	171	PMR 8D POF ext - Project 46370 extension
04/03/2017	PP	9.6	107.5	Impact loss due to curtailment on 8D
04/04/2017	FP	0.0	171	PMR 8C POF - Project 46361 (1 min POF to enable extension)
04/04/2017	PP	0.0	107.5	Impact loss due to curtailment on 8C
04/04/2017	FP	8.3	171	PMR 8C POF ext - Project 46361 extension
04/04/2017	PP	8.3	107.5	Impact loss due to curtailment on 8C
04/04/2017	FP	0.0	171	PMR 8D POF - Project 46370 (1 min POF to enable extension)

(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-2017

To: Dec-2017

PLANT / UNIT: MARTIN-UNIT 8 08

PM8 08

DATE	OUTAGE TYPE(1)	HOURS	(MW) AFFECTED	DESCRIPTION
04/04/2017	PP	0.0	107.5	Impact loss due to curtailment on 8D
04/04/2017	FP	10.3	171	PMR 8D POF ext - Project 46370 extension
04/04/2017	PP	10.3	107.5	Impact loss due to curtailment on 8D
04/05/2017	FP	0.0	171	PMR 8A POF - .05 upgrade (1 min POF to enable extension)
04/05/2017	PP	0.0	107.5	Impact loss due to curtailment on 8A
04/05/2017	FP	7.4	171	PMR 8A POF ext - .05 upgrade
04/05/2017	PP	7.4	107.5	Impact loss due to curtailment on 8A
04/05/2017	FP	0.0	171	PMR 8C POF - Project 46361 (1 min POF to enable extension)
04/05/2017	PP	0.0	107.5	Impact loss due to curtailment on 8C
04/05/2017	FP	11.9	171	PMR 8C POF ext - Project 46361 extension
04/05/2017	PP	11.9	107.5	Impact loss due to curtailment on 8C
04/05/2017	FP	0.0	171	PMR 8B POF - .05 upgrade (1 min POF to enable extension)
04/05/2017	PP	0.0	107.5	Impact loss due to curtailment on 8B
04/05/2017	FP	5.4	171	PMR 8B POF ext - .05 upgrade
04/05/2017	PP	5.4	107.5	Impact loss due to curtailment on 8B
04/06/2017	FP	0.0	171	PMR 8C POF - Project 46361 (1 min POF to enable extension)
04/06/2017	PP	0.0	107.5	Impact loss due to curtailment on 8C
04/06/2017	FP	7.4	171	PMR 8C POF ext - Project 46361 extension
04/06/2017	PP	7.4	107.5	Impact loss due to curtailment on 8C
04/07/2017	FP	0.0	171	PMR 8A POF - .05 upgrade (1 min POF to enable extension)
04/07/2017	PP	0.0	107.5	Impact loss due to curtailment on 8A
04/07/2017	FP	27.0	171	PMR 8A POF ext - .05 upgrade
04/07/2017	PP	27.0	107.5	Impact loss due to curtailment on 8A
04/07/2017	FP	0.0	171	PMR 8B POF - .05 upgrade (1 min POF to enable extension)

(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-2017

To: Dec-2017

PLANT / UNIT: MARTIN-UNIT 8 08

PM8 08

DATE	OUTAGE TYPE(1)	HOURS	(MW) AFFECTED	DESCRIPTION
04/07/2017	PP	0.0	107.5	Impact loss due to curtailment on 8B
04/07/2017	FP	44.2	171	PMR 8B POF ext - .05 upgrade
04/07/2017	PP	44.2	107.5	Impact loss due to curtailment on 8B
04/08/2017	FP	0.0	171	PMR 8C POF - Project 46361 (1 min POF to enable extension)
04/08/2017	PP	0.0	107.5	Impact loss due to curtailment on 8C
04/08/2017	FP	2.7	171	PMR 8C POF ext - Project 46361 extension
04/08/2017	PP	2.7	107.5	Impact loss due to curtailment on 8C
04/09/2017	FP	0.0	171	PMR 8D POF - Project 46370 (1 min POF to enable extension)
04/09/2017	PP	0.0	107.5	Impact loss due to curtailment on 8D
04/09/2017	FP	8.6	171	PMR 8D POF ext - Project 46370 extension
04/09/2017	PP	8.6	107.5	Impact loss due to curtailment on 8D
04/09/2017	FP	0.0	171	PMR 8B POF - .05 upgrade (1 min POF to enable extension)
04/09/2017	PP	0.0	107.5	Impact loss due to curtailment on 8B
04/09/2017	FP	18.6	171	PMR 8B POF ext - .05 upgrade
04/09/2017	PP	18.6	107.5	Impact loss due to curtailment on 8B
04/10/2017	FP	0.0	171	PMR 8A POF - .05 upgrade (1 min POF to enable extension)
04/10/2017	PP	0.0	107.5	Impact loss due to curtailment on 8A
04/10/2017	FP	5.7	171	PMR 8A POF ext - .05 upgrade
04/10/2017	PP	5.7	107.5	Impact loss due to curtailment on 8A
04/10/2017	FP	0.0	171	PMR 8C POF - Project 46361 (1 min POF to enable extension)
04/10/2017	PP	0.0	107.5	Impact loss due to curtailment on 8C
04/10/2017	FP	5.7	171	PMR 8C POF ext - Project 46361 extension
04/10/2017	PP	5.7	107.5	Impact loss due to curtailment on 8C
04/11/2017	FP	0.0	171	PMR 8D POF - Project 46370 (1 min POF to enable extension)

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

FILED:  
 SUSPENDED:  
 EFFECTIVE:  
 DOCKET NO.:  
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ISSUED BY: FLORIDA POWER &amp; LIGHT CO.

## ACTUAL PERFORMANCE DATA

COMPANY: FLORIDA POWER AND LIGHT

From: Jan-2017

To: Dec-2017

PLANT / UNIT: MARTIN-UNIT 8 08

PM8 08

DATE	OUTAGE TYPE(1)	HOURS	(MW) AFFECTED	DESCRIPTION
04/11/2017	PP	0.0	107.5	Impact loss due to curtailment on 8D
04/11/2017	FP	5.4	171	PMR 8D POF ext - Project 46370 extension
04/11/2017	PP	5.4	107.5	Impact loss due to curtailment on 8D
04/11/2017	FP	0.0	171	PMR 8B POF - .05 upgrade (1 min POF to enable extension)
04/11/2017	PP	0.0	107.5	Impact loss due to curtailment on 8B
04/11/2017	FP	0.7	171	PMR 8B POF ext - .05 upgrade
04/11/2017	PP	0.7	107.5	Impact loss due to curtailment on 8B
04/11/2017	FP	0.0	171	PMR 8B POF - .05 upgrade (1 min POF to enable extension)
04/11/2017	PP	0.0	107.5	Impact loss due to curtailment on 8B
04/11/2017	FP	548.0	171	PMR 8B POF ext - .05 upgrade
04/11/2017	PP	285.4	107.5	Impact loss due to curtailment on 8B
04/11/2017	FP	0.0	171	PMR 8A POF - .05 upgrade (1 min POF to enable extension)
04/11/2017	PP	0.0	107.5	Impact loss due to curtailment on 8A
04/11/2017	FP	181.7	171	PMR 8A POF ext - .05 upgrade
04/11/2017	PP	181.7	107.5	Impact loss due to curtailment on 8A
04/19/2017	FF	1132.0	171	PMG 8A EFOR - Loss of tube oil
04/19/2017	PF	869.4	107.5	Impact loss due to curtailment on 8A
04/20/2017	FM	262.7	430	PMR 8ST Task MOF - Post ST OH balance shot
04/20/2017	FM	257.4	171	PMR 8D Task MOF - Post ST OH balance shot support
04/20/2017	FM	256.8	171	PMR 8C Task MOF - Post ST OH balance shot support
05/04/2017	FP	0.0	171	PMR 8B POF - .05 upgrade (1 min POF to enable extension)
05/04/2017	PP	0.0	107.5	Impact loss due to curtailment on 8B
05/04/2017	FP	52.4	171	PMR 8B POF ext - .05 upgrade
05/04/2017	PP	52.4	107.5	Impact loss due to curtailment on 8B

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

FILED:  
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## ACTUAL PERFORMANCE DATA

COMPANY: FLORIDA POWER AND LIGHT

From: Jan-2017

To: Dec-2017

PLANT / UNIT: MARTIN-UNIT 8 08

PM8 08

DATE	OUTAGE TYPE(1)	HOURS	(MW) AFFECTED	DESCRIPTION
05/06/2017	FP	0.0	171	PMR 8B POF - .05 upgrade (1 min POF to enable extension)
05/06/2017	PP	0.0	107.5	Impact loss due to curtailment on 8B
05/06/2017	FP	19.4	171	PMR 8B POF ext - .05 upgrade
05/06/2017	PP	19.4	107.5	Impact loss due to curtailment on 8B
05/09/2017	FP	0.0	171	PMR 8B POF - .05 upgrade (1 min POF to enable extension)
05/09/2017	PP	0.0	107.5	Impact loss due to curtailment on 8B
05/09/2017	FP	33.3	171	PMR 8B POF ext - .05 upgrade
05/09/2017	PP	33.3	107.5	Impact loss due to curtailment on 8B
05/19/2017	FM	31.4	171	PMR 8B Event MOF - BFP oil leak, CT gas leak, and CT strain
05/19/2017	PM	31.4	107.5	Impact loss due to curtailment on 8B
05/22/2017	FF	2.7	171	PMR 8D EFOR - High Hazardous Gas Readings
05/22/2017	PF	2.7	107.5	Impact loss due to curtailment on 8D
06/07/2017	FM	3.5	171	PMR 8A Event MOF - WI leak repairs for liquid fuel tuning post
06/07/2017	PM	3.5	107.5	Impact loss due to curtailment on 8A
06/07/2017	FM	17.8	171	PMR 8A Event MOF - WI leak repairs for liquid fuel tuning post
06/07/2017	PM	17.8	107.5	Impact loss due to curtailment on 8A
06/14/2017	FF	5.7	171	PMR 8A EFOR - Dirty flame scanner
06/14/2017	PF	5.7	107.5	Impact loss due to curtailment on 8A
06/17/2017	FF	7.6	171	PMR 8D EFOR - HRH blending valve failed to open
06/17/2017	PF	7.6	107.5	Impact loss due to curtailment on 8D
06/23/2017	FM	35.6	171	PMR 8A Event MOF - HRH drain repair
06/23/2017	PM	35.6	107.5	Impact loss due to curtailment on 8C
07/07/2017	FF	2.6	171	PMR 8C EFOR - aux stop not working
07/07/2017	PF	2.6	107.5	Impact loss due to curtailment on 8C

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

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

## ACTUAL PERFORMANCE DATA

COMPANY: FLORIDA POWER AND LIGHT

From: Jan-2017

To: Dec-2017

PLANT / UNIT: MARTIN-UNIT 8 08

PMB 08

DATE	OUTAGE TYPE(1)	HOURS	(MW) AFFECTED	DESCRIPTION
07/13/2017	FF	1.2	171	PMR 8A EFOR - LOW FUEL GAS PRESSURE DUE TO FUEL
07/13/2017	PF	1.2	107.5	Impact loss due to curtailment on 8A
07/22/2017	FM	33.0	171	PMR 8A Event MOF - #1 Exhaust Frame Blower Repair
07/22/2017	PM	33.0	107.5	Impact loss due to curtailment on 8A
07/31/2017	FM	35.8	171	PMR 8A Event MOF - Exhaust Frame Blower #1 Installation
07/31/2017	PM	35.8	107.5	Impact loss due to curtailment on 8A
08/23/2017	FF	0.3	171	PMR 8A CT Start-Up Failure - Failed Ignitor Transformer
08/23/2017	PF	0.3	107.5	Impact loss due to curtailment on 8A
08/23/2017	FF	0.5	171	PMR 8A CT EFOR - Failed Ignitor Transformer
08/23/2017	PF	0.5	107.5	Impact loss due to curtailment on 8A
08/23/2017	FF	10.1	171	PMR 8A CT EFOR - Failed Ignitor Transformer
08/23/2017	PF	10.1	107.5	Impact loss due to curtailment on 8A
08/26/2017	FM	50.0	171	PMR 8C Event MOF - Liquid Fuel Manifold Repair on Can #13
08/26/2017	PM	50.0	107.5	Impact loss due to curtailment on 8C

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

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

**GPIF Units**  
**Actual Performance Data (ACRONYMS) for 2017**

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
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
AIG	Ammonia Injection Grid
ANOHR	AVERAGE Net Operating Heat Rate
ASGJ-BV-27ED	A (unit 2A) SGJ (hot reheat to condenser) BV ( block valve) 27 (#) ED ( valve bypass)
AUX	Auxiliary
AVR	Automatic Voltage Regulator
BAB36	European designation for foundation mounted cabinet. 36 is the switch # located in that cabinet

**GPIF Units  
Actual Performance Data (ACRONYMS) for 2017**

ACRONYMS	DESCRIPTION
BBS	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
CED	Compressor Exit Diffuser
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
CVA	Cyber (security) Vulnerability Assessment
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	Term used by General Electric as Auxiliary Megawatt Transducer
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

**GPIF Units  
Actual Performance Data (ACRONYMS) for 2017**

<b>ACRONYMS</b>	<b>DESCRIPTION</b>
FME	Foreign Material Exclusion
FMPA	Florida Municipal Power Agency
FPI	Fluorescent penetrant inspection
FPSC	Florida Public Service Commission
FSGJ	F is the unit (2F) SGJ is the system designator
FSNL	Full Speed No Load
FRV	Feedwater Regulating Valve
FTEs	Full Time Equivalent Employees including: Headcount, O.T. i.e. Overtime, & Contractors
FW	Feedwater
FWA	Boiler Feedwater
FWC	Feedwater Control
GCV	Gas Control Valve
GE	General Electric
GPIF	Generating Performance Incentive Factor
GSU	Generator Step Up
GTE	Generator Terminal Enclose
Haz	Hazardous
HC	Headcount
HDP	Heater Drain Pump
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
MCC	Motor Control Center
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



**GPIF Units**  
**Actual Performance Data (ACRONYMS) for 2017**

ACRONYMS	DESCRIPTION
MOF	Maintenance Outage Factor
MOF/AA	Maintenance Outage Factor / Atomizing Air
MOV	Motorized Operating Valve
MRE	Manuel Reject
MSR	Moisture Separator Reheater
MS	Main Steam
MSSV	Main Steam Safety Valve
MSIV	Main Steam Isolation Valves
MTC	Moderator Temperature Coefficient
MW	Megawatt
MUV	Motor actuated <u>U</u> nidirectional <u>V</u> alve
MTC	Moderator Temperature Coefficient
MW	Megawatt
MWh	Megawatt Hour
NEE	NEXtera Energy
NEL	Net Energy for Load
ND	Neutral Disconnect
NHR	Net Heat Rate
NO	No
NSC	Net Summer Continuous Capacity
O/H	Overhaul
OLWW	Off-Line Water Wash
OMC	Outside Management Control
OS	Off-system Sales
OUC	Orlando Utilities Commission
P&C	Protect and Control
POF	Planned Outage Factor
PEL	Planned Energy Loss
PFM	Ft. Myers
PM1	Gas Valve Number 1
PM3	Gas Valve Number 3
PDM	Power Delivery Module
Pmp	Pump
PPA	Purchased Power Agreement
PSE	Cooling Steam Supply
PSF	Cooling Steam Return
PSL	St Lucie
PSR	Sanford
PT	Potential transformer
PWR	Power
QF	Qualifying Facilities
RAP	Resource Assessment & Planning Dept.
R	Repair
R0	Row 0 blades on steam turbine
R1	Row 1 blades on steam turbine
RCP	Reactor Coolant Pump
RCS	Reactor Coolant System
RFC	Ready For Control
RFO	Refueling Outage
RH	Reheat
RPS	Reactor Protection System
RSD	Reserve Shutdown
RSV	Reheat Stop Valve

**GPIF Units  
Actual Performance Data (ACRONYMS) for 2017**

<b>ACRONYMS</b>	<b>DESCRIPTION</b>
RSV1	Reheat Stop Valve Number 1
RV	Release Valve
RW	Repetitive Work
S/U	Startup
SGFP	Steam Generator Feed Pump
SGG	Main Steam - High Pressure
SGJ-ACV-10	System Designator Air Control Valve
SH	Super heat
SIT	Safety Injection Tank
SL1-23	St Lucie Unit 1 cycle 23 refueling outage
SL2-19	St Lucie Unit 2 cycle 19 refueling outage
SNO	Short Notice Outage
SNOW	Short Notice Outage Work
SRV	Speed Ratio Valve
STARS	Strategic Anti Rotation Stall Surge testing
ST	Steam Turbine
ST1	Steam Turbine Number 1
ST2	Steam Turbine Number 2
STG or SG	Steam Generator
STM 1	Steam Turbine Number 1
STM 2	Steam Turbine Number 2
TYSP	Ten Year Site Plan
T-Ave	Temperature Average
TC or T/Cs	Thermal/Couples
TCW HX	Turbine Cooling Water Heat Exchanger
TMOF	Task MOF
TVT	Turbine Valve Testing
U1	Unit 1
U2	Unit 2
UEL	Unplanned Energy Loss
ULPM1	Ultra Lean Pre-Mix Valve # 1
UPS	Unit Power Sales Agreement
VCMI	Communication interface board for Mark 6 ovation system
Vi	Roman Numeral 6
VGV	Variable Guide Vane
VLV	Valve
VSV	Variable Stator Vanes
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