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October 21, 2019

**-VIA ELECTRONIC FILING -**

Adam Teitzman  
Commission Clerk  
Florida Public Service Commission  
2540 Shumard Oak Blvd.  
Tallahassee, FL 32399-0850

**Re: Docket No. 20190001-EI**

Dear Mr. Teitzman:

Attached for electronic filing in the above docket is Florida Power & Light Company's GPIF Actual Unit Performance Data Schedules covering the month of September 2019. These schedules are being filed at the same time but separately from its monthly filing of the A Schedules. This report includes revised May 2019 data for the Riviera plant.

If there are any questions regarding this transmittal, please contact me at (561) 304-5795.

Sincerely,

s/ Maria J. Moncada  
Maria J. Moncada

Attachments

cc: Counsel for Parties of Record (w/ attachments)

**CERTIFICATE OF SERVICE**  
**Docket No. 20190001-EI**

I **HEREBY CERTIFY** that a true and correct copy of the foregoing has been furnished  
by electronic service on this 21st day of October 2019 to the following:

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By: s/ Maria J. Moncada  
Maria J. Moncada  
Florida Bar No. 0773301

ACTUAL PERFORMANCE DATA  
 COMPANY: FLORIDA POWER AND LIGHT  
 FROM: Jan-2019 TO: Dec-2019

		PLANT / UNIT: CAPE CANAVERAL 03										PCC 03		
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Ytd
1.	EAFF (%)	95.2	95.1	96.2	94.8	99.8	100	78	71.5	91.9	0	0	0	91.3
2.	PH	744	672	743	720	744	720	744	744	720	0	0	0	6551
3.	SH	744	672	743	720	744	720	744	744	720	0	0	0	6551
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	386.13	567.22	0	0	0	0	953.35
10.	LR PP (MW)	0	0	0	0	0	0	436.98	436.98	0	0	0	0	436.98
11.	PFOH	6.25	5.45	4.47	0.7	3.88	0.18	15.7	0	20.07	0	0	0	56.7
12.	LR PF (MW)	436.98	59.21	436.7	110	437.41	80.46	436.98	0	436.91	0	0	0	395.48
13.	PMOH	101.98	97.08	80.55	113.05	0	0	89.08	68.07	102.2	0	0	0	652.02
14.	LR PM (MW)	437.01	437.05	436.98	437.03	0	0	437	436.96	663.79	0	0	0	472.55
15.	NSC	1311	1311	1311	1311	1311	1311	1311	1311	1311	0	0	0	1311
16.	OPER BTU (MBTU)	4052503	3127591	4170559	3687914	4560303	4675579	3884109	3209281	4025987	0	0	0	35393826
17.	NET GEN	612761	469704	631953	554675	692048	711623	587555	478261	608882	0	0	0	5347462
18.	ANOHR (BTU/KWH)	6614	6659	6599	6649	6590	6570	6611	6710	6612	0	0	0	6619
19.	NOF (%)	62.8	53.3	64.9	58.8	71	75.4	60.2	49	64.5	0	0	0	62.3
20.	NPC (MW)	1311	1311	1311	1311	1311	1311	1311	1311	1311	0	0	0	1311

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:  
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ACTUAL PERFORMANCE DATA  
 COMPANY: FLORIDA POWER AND LIGHT  
 FROM: Jan-2019 TO: Dec-2019

		PLANT / UNIT: RIVIERA 05 PRV 05												
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Ytd
1.	EAF (%)	89.2	83.2	51.2	87.7	96.2	93.9	96.6	97.1	99.4	0	0	0	88.3
2.	PH	744	672	743	720	744	720	744	744	720	0	0	0	6551
3.	SH	737.58	672	597.2	685.08	744	720	744	744	720	0	0	0	6363.87
4.	RSH	6.42	0	0	0	0	0	0	0	0	0	0	0	6.42
5.	UH	0	0	145.8	34.92	0	0	0	0	0	0	0	0	180.71
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	34.92	0	0	0	0	0	0	0	0	34.92
9.	PPOH	0	313.98	741.65	72.67	0	0	0	0	0	0	0	0	1128.3
10.	LR PP (MW)	0	429.31	396.16	429.29	0	0	0	0	0	0	0	0	407.52
11.	PFOH	5.35	0	0	1.17	50.2	6.87	5.58	2.8	12.23	0	0	0	84.2
12.	LR PF (MW)	459.09	0	0	428.1	723.38	429.16	429.63	429.32	429.44	0	0	0	606.54
13.	PMOH	235.22	25.3	196.58	55.85	0	124.73	70.28	60.98	0	0	0	0	768.95
14.	LR PM (MW)	429.3	429.31	879.77	676.36	0	429.35	429.37	429.34	0	0	0	0	562.42
15.	NSC	1288	1288	1288	1288	1288	1288	1288	1288	1288	0	0	0	1288
16.	OPER BTU (MBTU)	2994961	2663692	2231091	3659701	4218929	4028923	4271132	3816209	4424480	0	0	0	32309118
17.	NET GEN	447132	401052	333575	552150	646023	616777	655662	579745	679339	0	0	0	4911455
18.	ANOHR (BTU/KWH)	6698	6642	6688	6628	6531	6532	6514	6583	6513	0	0	0	6578
19.	NOF (%)	47.1	46.3	43.4	62.6	67.4	66.5	68.4	60.5	73.3	0	0	0	59.9
20.	NPC (MW)	1288	1288	1288	1288	1288	1288	1288	1288	1288	0	0	0	1288

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-2019 TO: Dec-2019

		PLANT / UNIT: WEST COUNTY ENER 03											PWC 03	
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Ytd
1.	EAF (%)	87.5	81.8	57	100	94.6	99.2	96.6	96.1	95.9	0	0	0	89.9
2.	PH	744	672	743	720	744	720	744	744	720	0	0	0	6551
3.	SH	696.82	672	508.9	720	744	720	744	744	720	0	0	0	6269.72
4.	RSH	42.37	0	7.87	0	0	0	0	0	0	0	0	0	50.23
5.	UH	4.81	0	226.23	0	0	0	0	0	0	0	0	0	231.05
6.	POH	0	0	0	0	0	0	0	0	0	0	0	0	0
7.	FOH	4.82	0	0	0	0	0	0	0	0	0	0	0	4.82
8.	MOH	0	0	226.23	0	0	0	0	0	0	0	0	0	226.23
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	8.77	48	2.68	0	0.87	16.77	42.38	2.02	12.33	0	0	0	133.82
12.	LR PF (MW)	559.2	413	413.48	0	411.4	412.9	413.01	412.3	438.65	0	0	0	424.92
13.	PMOH	252.53	246.62	166.85	0	61.93	0	33.78	84.13	53.72	0	0	0	899.57
14.	LR PM (MW)	412.98	532.68	684	0	799.05	0	413.02	413.05	582.36	0	0	0	532.76
15.	NSC	1239	1239	1239	1239	1239	1239	1239	1239	1239	0	0	0	1239
16.	OPER BTU (MBTU)	3394214	3323975	2580669	4655774	4819503	4712022	4769454	4647884	4556570	0	0	0	37460065
17.	NET GEN	472469	471701	369773	687998	712204	691573	699699	684949	667111	0	0	0	5457477
18.	ANOHR (BTU/KWH)	7184	7047	6979	6767	6767	6813	6816	6786	6830	0	0	0	6864
19.	NOF (%)	54.7	56.7	58.6	77.1	77.3	77.5	75.9	74.3	74.8	0	0	0	70.3
20.	NPC (MW)	1239	1239	1239	1239	1239	1239	1239	1239	1239	0	0	0	1239

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-2019 TO: Dec-2019

		PLANT / UNIT: FORT MYERS 02											PFM 02	
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Ytd
1.	EAF (%)	62.7	85	55.9	42.3	61.2	84.7	83.1	91.6	95.3	0	0	0	74
2.	PH	744	672	743	720	744	720	744	744	720	0	0	0	6551
3.	SH	570.67	672	743	696.33	744	720	744	744	720	0	0	0	6354
4.	RSH	0	0	0	23.67	0	0	0	0	0	0	0	0	23.67
5.	UH	173.33	0	0	0	0	0	0	0	0	0	0	0	173.33
6.	POH	173.33	0	0	0	0	0	0	0	0	0	0	0	173.33
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	513.65	672	743	720	744	281.6	0	0	0	0	0	0	3674.25
10.	LR PP (MW)	319.23	221.53	639.14	831	608.67	454.95	0	0	0	0	0	0	532.53
11.	PFOH	0	14.92	50.33	76.27	0.75	38.4	7.65	71.9	27.93	0	0	0	288.15
12.	LR PF (MW)	0	248.23	343.74	200.03	185	454.66	85.9	276.41	571.53	0	0	0	313.56
13.	PMOH	0	21.07	99.17	210	0	72.47	292.12	296.03	102.87	0	0	0	1093.72
14.	LR PM (MW)	0	251.42	227.05	185	0	517.24	738.47	297.17	410.85	0	0	0	411.54
15.	NSC	1571	1571	1571	1571	1571	1664.1	1718	1718	1718	0	0	0	1630.78
16.	OPER BTU (MBTU)	3749625	4561595	3782170	3127325	3727752	5919110	6131599	6340716	6690537	0	0	0	44030429
17.	NET GEN	513705	627894	436706	293160	326148	732354	838827	887432	954735	0	0	0	5610961
18.	ANOHR (BTU/KWH)	7299	7265	8661	10668	11430	8082	7310	7145	7008	0	0	0	7847
19.	NOF (%)	57.3	59.5	37.4	26.8	27.9	61.1	65.6	69.4	77.2	0	0	0	54.1
20.	NPC (MW)	1681	1681	1681	1571	1571	1718	1718	1718	1718	0	0	0	1673

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-2019 TO: Dec-2019

		PLANT / UNIT: ST LUCIE 01 PSL 01												
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Ytd
1.	EAF (%)	100	100	100	81.3	0	31.5	100	100	50.4	0	0	0	73.6
2.	PH	744	672	743	720	744	720	744	744	720	0	0	0	6551
3.	SH	744	672	743	585.3	0	238.82	744	744	369.13	0	0	0	4840.25
4.	RSH	0	0	0	0	0	0	0	0	0	0	0	0	0
5.	UH	0	0	0	134.7	744	481.18	0	0	350.87	0	0	0	1710.75
6.	POH	0	0	0	0	0	0	0	0	0	0	0	0	0
7.	FOH	0	0	0	134.7	744	481.18	0	0	350.87	0	0	0	1710.75
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	34.32	0	0	16.08	0	0	0	50.4
12.	LR PF (MW)	0	0	0	0	0	336.69	0	0	372.84	0	0	0	348.22
13.	PMOH	0	0	0	0	0	0	0	0	0	0	0	0	0
14.	LR PM (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0
15.	NSC	981	981	981	981	981	981	981	981	981	0	0	0	981
16.	OPER BTU (MBTU)	7662194	6920319	7651376	6034200	0	2351836	7662046	7661873	3742327	0	0	0	49686171
17.	NET GEN	749099	678435	748329	586880	0	221983	739985	735582	357029	0	0	0	4817322
18.	ANOHR (BTU/KWH)	10229	10200	10225	10282	0	10595	10354	10416	10482	0	0	0	10314
19.	NOF (%)	102.6	102.9	102.7	102.2	0	94.8	101.4	100.8	98.6	0	0	0	101.5
20.	NPC (MW)	981	981	981	981	981	981	981	981	981	0	0	0	981

21.	ANOHR EQUATION	ANOHR = A + B (N.O.F.) A = 0                      B = 0											
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ACTUAL PERFORMANCE DATA  
 COMPANY: FLORIDA POWER AND LIGHT  
 FROM: Jan-2019 TO: Dec-2019

		PLANT / UNIT: ST LUCIE 02 PSL 02												
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Ytd
1.	EAF (%)	100	100	100	100	100	100	100	100	99.9	0	0	0	100
2.	PH	744	672	743	720	744	720	744	744	720	0	0	0	6551
3.	SH	744	672	743	720	744	720	744	744	720	0	0	0	6551
4.	RSH	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	
6.	POH	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	
8.	MOH	0	0	0	0	0	0	0	0	0	0	0	0	
9.	PPOH	0	0	0	0	0	0	0	0	8.02	0	0	0	8.02
10.	LR PP (MW)	0	0	0	0	0	0	0	0	83.75	0	0	0	83.75
11.	PFOH	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	
13.	PMOH	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	
15.	NSC	987	987	987	987	987	987	987	987	987	0	0	0	987
16.	OPER BTU (MBTU)	7661848	6920047	7650935	7415315	7662689	7415018	7661724	7661848	7405049	0	0	0	67454473
17.	NET GEN	758867	687570	758453	731873	754634	728314	751470	747151	720232	0	0	0	6638564
18.	ANOHR (BTU/KWH)	10096	10064	10088	10132	10154	10181	10196	10255	10281	0	0	0	10161
19.	NOF (%)	103.3	103.7	103.4	103	102.8	102.5	102.3	101.7	101.3	0	0	0	102.7
20.	NPC (MW)	987	987	987	987	987	987	987	987	987	0	0	0	987

21.	ANOHR EQUATION	ANOHR = A + B (N.O.F.) A = 0 B = 0											
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ACTUAL PERFORMANCE DATA  
 COMPANY: FLORIDA POWER AND LIGHT  
 FROM: Jan-2019 TO: Dec-2019

		PLANT / UNIT: TURKEY POINT 03											PTN 03	
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Ytd
1.	EF (EAF (%))	99.1	100	100	100	93.6	100	100	100	97.2	0	0	0	98.9
2.	PH	744	672	743	720	744	720	744	744	720	0	0	0	6551
3.	SH	744	672	743	720	710.47	720	744	744	720	0	0	0	6517.47
4.	RSH	0	0	0	0	0	0	0	0	0	0	0	0	0
5.	UH	0	0	0	0	33.53	0	0	0	0	0	0	0	33.53
6.	POH	0	0	0	0	0	0	0	0	0	0	0	0	0
7.	FOH	0	0	0	0	33.53	0	0	0	0	0	0	0	33.53
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	30.27	0	0	0	53.37	0	0	0	35.6	0	0	0	119.23
12.	LR PF (MW)	181.79	0	0	0	223.83	0	0	0	481.87	0	0	0	290.22
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	837	837	837	837	837	837	837	837	837	0	0	0	837
16.	OPER BTU (MBTU)	6642842	6057352	6697781	6490373	6302602	6490611	6701880	6706861	6322982	0	0	0	58413283
17.	NET GEN	646902	587548	650312	627338	603846	618338	637214	638578	603714	0	0	0	5613791
18.	ANOHR (BTU/KWH)	10269	10310	10299	10346	10437	10497	10517	10503	10473	0	0	0	10405
19.	NOF (%)	103.9	104.5	104.6	104.1	101.5	102.6	102.3	102.5	100.2	0	0	0	102.9
20.	NPC (MW)	837	837	837	837	837	837	837	837	837	0	0	0	837

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-2019 TO: Dec-2019

		PLANT / UNIT: TURKEY POINT 04											PTN 04	
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Ytd
1.	EF (EAF (%))	100	99.2	29.1	59.2	100	100	100	100	100	0	0	0	87.4
2.	PH	744	672	743	720	744	720	744	744	720	0	0	0	6551
3.	SH	744	672	239.02	475.57	744	720	744	744	720	0	0	0	5802.58
4.	RSH	0	0	0	0	0	0	0	0	0	0	0	0	
5.	UH	0	0	503.98	244.43	0	0	0	0	0	0	0	0	748.42
6.	POH	0	0	503.98	244.43	0	0	0	0	0	0	0	0	748.42
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	68.52	98.55	0	0	0	0	0	0	0	0	167.07
10.	LR PP (MW)	0	0	216.48	408.15	0	0	0	0	0	0	0	0	329.54
11.	PFOH	0	217	170.5	0	0	0	0	0	0	0	0	0	387.5
12.	LR PF (MW)	0	20.05	22.69	0	0	0	0	0	0	0	0	0	21.21
13.	PMOH	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	
15.	NSC	821	821	821	821	821	821	821	821	821	0	0	0	821
16.	OPER BTU (MBTU)	6706666	6016376	2002384	3894284	6708226	6491347	6706883	6707186	6490481	0	0	0	51723833
17.	NET GEN	630017	555979	178908	354043	619251	594333	612619	613441	598635	0	0	0	4757225
18.	ANOHR (BTU/KWH)	10645	10821	11192	10999	10833	10922	10948	10934	10842	0	0	0	10873
19.	NOF (%)	103.1	100.8	91.2	90.7	101.4	100.5	100.3	100.4	101.3	0	0	0	99.9
20.	NPC (MW)	821	821	821	821	821	821	821	821	821	0	0	0	821

21.	ANOHR EQUATION	ANOHR = A + B (N.O.F.) A = 0                      B = 0											
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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-2019 TO: Dec-2019

		PLANT / UNIT: WEST COUNTY ENER 01											PWC 01	
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Ytd
1.	EAFF (%)	90.3	97.2	99.2	99.6	100	91.6	99.2	95.6	97.6	0	0	0	96.7
2.	PH	744	672	743	720	744	720	744	744	720	0	0	0	6551
3.	SH	736.48	611.88	743	720	744	708.05	744	744	720	0	0	0	6471.42
4.	RSH	7.52	60.12	0	0	0	11.95	0	0	0	0	0	0	79.58
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	9.97	0.72	17.42	0	0.93	15.68	2.82	10.23	0	0	0	0	57.77
12.	LR PF (MW)	680.35	483.75	419.89	0	189.68	486.1	419.48	420.12	0	0	0	0	479.92
13.	PMOH	203.88	56	0	8.87	0	109.47	10.02	86.92	52.02	0	0	0	527.17
14.	LR PM (MW)	412.06	419.97	0	419.87	0	625.18	675.52	419.96	420	0	0	0	464.39
15.	NSC	1260	1260	1260	1260	1260	1260	1260	1260	1260	0	0	0	1260
16.	OPER BTU (MBTU)	3564852	3272904	4841414	4704024	5294938	4719485	5120207	4954736	4931332	0	0	0	41403893
17.	NET GEN	495244	457881	697705	672868	755653	657369	722938	691647	699716	0	0	0	5851021
18.	ANOHR (BTU/KWH)	7198	7148	6939	6991	7007	7179	7082	7164	7048	0	0	0	7076
19.	NOF (%)	53.4	59.4	74.5	74.2	80.6	73.7	77.1	73.8	77.1	0	0	0	71.8
20.	NPC (MW)	1260	1260	1260	1260	1260	1260	1260	1260	1260	0	0	0	1260

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-2019 TO: Dec-2019

		PLANT / UNIT: WEST COUNTY ENER 02											PWC 02	
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Ytd
1.	EF (EAF (%))	95.3	95.1	96.1	8.6	40.1	98.2	98.4	95.7	98.5	0	0	0	80.7
2.	PH	744	672	743	720	744	720	744	744	720	0	0	0	6551
3.	SH	744	672	743	142.32	360.47	720	744	744	720	0	0	0	5589.78
4.	RSH	0	0	0	0	0	0	0	0	0	0	0	0	0
5.	JH	0	0	0	577.68	383.53	0	0	0	0	0	0	0	961.22
6.	POH	0	0	0	577.68	290.62	0	0	0	0	0	0	0	868.3
7.	FOH	0	0	0	0	0	0	0	0	0	0	0	0	0
8.	MOH	0	0	0	0	0	0	0	0	0	0	0	0	0
9.	PPOH	0	0	24.17	142.32	149.9	0	0	0	0	0	0	0	316.38
10.	LR PP (MW)	0	0	412.59	688.27	784.94	0	0	0	0	0	0	0	713.04
11.	PFOH	20.33	18.25	5.28	3.03	218.73	0	0.43	1.5	0	0	0	0	267.57
12.	LR PF (MW)	412.73	412.68	412.91	413.15	339.68	0	159.22	412.65	0	0	0	0	352.58
13.	PMOH	83.75	81.03	57.07	0	0	39.58	34.68	93.57	31.65	0	0	0	421.33
14.	LR PM (MW)	412.65	412.72	412.68	0	0	412.68	412.69	412.67	412.65	0	0	0	412.68
15.	NSC	1238	1238	1238	1238	1238	1238	1238	1238	1238	0	0	0	1238
16.	OPER BTU (MBTU)	3808508	3540141	4603566	431819	2067753	4852744	4897044	4793722	4847426	0	0	0	33842723
17.	NET GEN	546143	503258	663173	58072	299587	722094	721976	701099	716395	0	0	0	4931797
18.	ANOHR (BTU/KWH)	6973	7034	6942	7436	6902	6720	6783	6837	6766	0	0	0	6862
19.	NOF (%)	59.3	60.5	72.1	33	67.1	81	78.4	76.1	80.4	0	0	0	71.3
20.	NPC (MW)	1238	1238	1238	1238	1238	1238	1238	1238	1238	0	0	0	1238

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-2019 TO: Dec-2019

		PLANT / UNIT: MANATEE UNIT 3 CC 03											PM3 03	
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Ytd
1.	EAFF (%)	97.6	99.9	96.7	99.8	99.9	93.3	98.1	98	99.8	0	0	0	98.1
2.	PH	744	672	743	720	744	720	744	744	720	0	0	0	6551
3.	SH	744	672	743	720	744	668.78	744	744	720	0	0	0	6499.78
4.	RSH	0	0	0	0	0	4.22	0	0	0	0	0	0	4.22
5.	UH	0	0	0	0	0	47	0	0	0	0	0	0	47
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	47	0	0	0	0	0	0	47
9.	PPOH	0	0	0	0	0	0	0	0	0	0	0	0	0
10.	LR PP (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0
11.	PFOH	2.05	1.18	0	6.07	3.08	0.45	9.08	9.67	4.6	0	0	0	36.18
12.	LR PF (MW)	300.75	301.6	0	300.58	301.08	300.75	300.86	300.65	300.75	0	0	0	300.78
13.	PMOH	70.8	1.55	98.02	0	0	2.02	47.67	49.77	0	0	0	0	269.82
14.	LR PM (MW)	300.75	300.75	300.74	0	0	558.19	300.73	300.73	0	0	0	0	302.68
15.	NSC	1203	1203	1203	1203	1203	1203	1203	1203	1203	0	0	0	1203
16.	OPER BTU (MBTU)	4467992	4131546	4710185	4721416	5079770	4637592	4842237	4864889	4904736	0	0	0	42360363
17.	NET GEN	661961	605521	684344	686241	736869	670472	696090	696843	705759	0	0	0	6144100
18.	ANOHR (BTU/KWH)	6750	6823	6883	6880	6894	6917	6956	6981	6950	0	0	0	6894
19.	NOF (%)	74	74.9	76.6	79.2	82.3	83.3	77.8	77.9	81.5	0	0	0	78.6
20.	NPC (MW)	1203	1203	1203	1203	1203	1203	1203	1203	1203	0	0	0	1203

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-2019 TO: Dec-2019

		PLANT / UNIT: MARTIN-UNIT 8 08											PM8 08	
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Ytd
1.	EAFF (%)	80.8	93.1	93.2	92.9	100	96	90.9	97.4	100	0	0	0	93.8
2.	PH	744	672	743	720	744	720	744	744	720	0	0	0	6551
3.	SH	647	672	743	708.48	744	720	744	744	720	0	0	0	6442.48
4.	RSH	0	0	0	0	0	0	0	0	0	0	0	0	
5.	UH	97	0	0	11.52	0	0	0	0	0	0	0	0	108.52
6.	POH	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	
8.	MOH	97	0	0	11.52	0	0	0	0	0	0	0	0	108.52
9.	PPOH	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	
11.	PFOH	15.6	23.77	0	0	0.92	25.82	1.73	0.65	0	0	0	0	68.48
12.	LR PF (MW)	309	308.96	0	0	307.88	339.54	309.6	309	0	0	0	0	320.54
13.	PMOH	151.43	162.1	195.5	124.52	0	86.53	270.28	77.38	0	0	0	0	1067.75
14.	LR PM (MW)	342.41	309	317.43	393.85	0	309.41	309	309.01	0	0	0	0	325.21
15.	NSC	1236	1236	1236	1236	1236	1236	1236	1236	1236	0	0	0	1236
16.	OPER BTU (MBTU)	3368354	3809571	4353427	4223033	5268964	4632952	4468158	4651945	4827247	0	0	0	39603651
17.	NET GEN	483264	551792	629546	612226	775174	667574	642829	671116	700810	0	0	0	5734331
18.	ANOHR (BTU/KWH)	6970	6904	6915	6898	6797	6940	6951	6932	6888	0	0	0	6906
19.	NOF (%)	60.4	66.4	68.6	69.9	84.3	75	69.9	73	78.7	0	0	0	72
20.	NPC (MW)	1236	1236	1236	1236	1236	1236	1236	1236	1236	0	0	0	1236
21.	ANOHR EQUATION	ANOHR = A + B (N.O.F.) A = 0 B = 0												

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ISSUED BY: FLORIDA POWER & LIGHT CO.

## ACTUAL PERFORMANCE DATA

COMPANY: FLORIDA POWER AND LIGHT

From: Jan-2019

To: Dec-2019

PLANT / UNIT: CAPE CANAVERAL 03

PCC 03

DATE	OUTAGE TYPE(1)	HOURS	(MW) AFFECTED	DESCRIPTION
01/08/2019	FMO	24.7	279	3-3 SNO change out lift oil pump
01/08/2019	PMO	24.7	158.03	Impact loss due to curtailment on 33
01/13/2019	FMO	77.3	279	3-1 SNO IP Safety and Drain Valve replacement
01/13/2019	PMO	77.3	157.98	Impact loss due to curtailment on 31
01/17/2019	FFO	6.3	279	3-1 EFOR FUEL GAS VALVES FAILED TO OPEN
01/17/2019	PFO	6.3	157.98	Impact loss due to curtailment on 31
02/03/2019	PFO	5.5	42.21	Impact loss due to curtailment on 33
02/03/2019	PFO	5.5	17	3-3 Partial EFOR Duct Burners
02/10/2019	FMO	97.1	279	3-3 SNO Repair Cooling air Flange Leak
02/10/2019	PMO	97.1	158.03	Impact loss due to curtailment on 33
03/07/2019	FFO	4.5	279	3-3 EFOR High Blade Path Spread
03/07/2019	PFO	4.5	158.03	Impact loss due to curtailment on 33
03/18/2019	FMO	80.6	279	PCC 3-1 HRSG Tube Leak
03/18/2019	PMO	80.6	157.98	Impact loss due to curtailment on 31
04/10/2019	PFO	0.7	110	3-1 Partial EFOR Blending Valves Failed to open
04/20/2019	FMO	113.1	279	PCC 3-3 HRSG Tube Leak
04/20/2019	PMO	113.1	158.03	Impact loss due to curtailment on 33
05/15/2019	FFO	0.9	279	PCC 3-3 EFOR Unit Trip SFC
05/15/2019	PFO	0.9	158.03	Impact loss due to curtailment on 33
05/16/2019	FFO	0.9	279	3-3 EFOR High blade path spread
05/16/2019	PFO	0.9	158.03	Impact loss due to curtailment on 33
05/24/2019	FFO	2.1	279	PCC 3-3 EFOR HP bypass valve
05/24/2019	PFO	2.1	158.03	Impact loss due to curtailment on 33
06/24/2019	PFO	0.2	79	3-2 Partial EFOR CT Runback bad Transmitter pressure readir

(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-2019

To: Dec-2019

PLANT / UNIT: CAPE CANAVERAL 03

PCC 03

DATE	OUTAGE TYPE(1)	HOURS	(MW) AFFECTED	DESCRIPTION
07/05/2019	FFO	7.3	279	3-2 EFOR CT Runback VGV3 Angular Mismatch
07/05/2019	PFO	7.3	157.98	Impact loss due to curtailment on 32
07/06/2019	FFO	7.0	279	3-2 EFOR Boiler Feed Pump Trip
07/06/2019	PFO	7.0	157.98	Impact loss due to curtailment on 32
07/08/2019	FMO	89.1	279	3-1 MOF Valve Repairs
07/08/2019	PMO	89.1	157.98	Impact loss due to curtailment on 31
07/14/2019	FFO	1.5	279	3-3 EFOR Turbine outlet temp run up spread
07/14/2019	PFO	1.5	158.03	Impact loss due to curtailment on 33
07/15/2019	FPO	953.4	279	PCC 3-2 Major
07/15/2019	PPO	953.4	157.98	Impact loss due to curtailment on 32
08/22/2019	FMO	68.1	279	3-1 Maint Outage for VGV's
08/22/2019	PMO	68.1	157.98	Impact loss due to curtailment on 31
09/17/2019	FFO	0.9	279	3-2 EFOR Pressure Transmitter Differential
09/17/2019	PFO	0.9	157.98	Impact loss due to curtailment on 32
09/18/2019	FMO	54.7	279	3-1 SNO - Main Feed water Level Control Valve
09/18/2019	PMO	54.7	157.98	Impact loss due to curtailment on 31
09/18/2019	FMO	100.5	279	3-3 SNO Tube Leak Repair
09/18/2019	PMO	100.5	158.03	Impact loss due to curtailment on 33
09/22/2019	FFO	19.2	279	3-1 EFOR Turbine Temp Outlet Runup Spread
09/22/2019	PFO	19.2	157.98	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:  
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ISSUED BY: FLORIDA POWER &amp; LIGHT CO.

ACTUAL PERFORMANCE DATA  
 COMPANY: FLORIDA POWER AND LIGHT  
 From: Jan-2019 To: Dec-2019  
 PLANT / UNIT: RIVIERA 05 PRV 05

DATE	OUTAGE TYPE(1)	HOURS	(MW) AFFECTED	DESCRIPTION
01/01/2019	FFO	0.5	270	51 OUTAGE, FORCED, FULL, COMP BLOWOFF VALVE
01/01/2019	FFO	0.5	478	ST OUTAGE, FORCED, FULL, COMP BLOWOFF VALVE
01/02/2019	FFO	3.3	270	52 START-UP FAILURE SFC BAB36 DRIVE MOTOR FAILURI
01/02/2019	PFO	3.3	159.31	Impact loss due to curtailment on 52
01/02/2019	FMO	123.7	270	52 Event MOF - CT Balance Shot
01/02/2019	PMO	123.7	159.31	Impact loss due to curtailment on 52
01/15/2019	FMO	64.8	270	CT 51 SNOW - HP FW BLOCK VALVE
01/15/2019	PMO	64.8	159.31	Impact loss due to curtailment on 51
01/18/2019	FMO	0.4	270	CT 51 SNOW - HP FW BLOCK VALVE
01/18/2019	PMO	0.4	159.31	Impact loss due to curtailment on 51
01/25/2019	FFO	1.5	270	CT 52 Start Up Failure, Loss of power to the DCS Card
01/25/2019	PFO	1.5	159.31	Impact loss due to curtailment on 52
01/28/2019	FMO	46.4	270	52 SNOW Repair CT Fuel Oil System Control
01/28/2019	PMO	46.4	159.31	Impact loss due to curtailment on 52
02/15/2019	FPO	1051.0	270	CT 51 Major Overhaul
02/15/2019	PPO	896.7	159.31	Impact loss due to curtailment on 51
02/27/2019	FMO	59.1	270	52 SNOW Repair 1.1 Compressor Blow Off Valve
02/27/2019	PMO	59.1	159.31	Impact loss due to curtailment on 52
03/06/2019	FMO	1.4	270	CT 53 Liquid Fuel Oil Testing MOF
03/06/2019	PMO	1.4	159.36	Impact loss due to curtailment on 53
03/06/2019	FMO	1.2	270	CT 53 Liquid Fuel Oil Testing MOF
03/06/2019	PMO	1.2	159.36	Impact loss due to curtailment on 53
03/06/2019	FMO	1.0	270	CT 53 Liquid Fuel Oil Testing MOF
03/06/2019	PMO	1.0	159.36	Impact loss due to curtailment on 53

(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-2019

To: Dec-2019

PLANT / UNIT: RIVIERA

05

PRV 05

DATE	OUTAGE TYPE(1)	HOURS	(MW) AFFECTED	DESCRIPTION
03/18/2019	PMO	1.8	159.31	Impact loss due to curtailment on 52
03/18/2019	FMO	148.0	270	CT 52 SNOW Repair ST Lube Oil Supply Line Leak
03/19/2019	FMO	154.3	478	ST SNOW Repair Lube Oil Supply Line Leak
03/19/2019	FMO	155.6	270	CT 53 SNOW Repair ST Lube Oil Supply Line Leak
03/25/2019	PMO	1.5	159.36	Impact loss due to curtailment on 53
03/28/2019	FMO	1.6	270	CT 53 Liquid Fuel Oil Testing MOF
03/28/2019	PMO	1.6	159.36	Impact loss due to curtailment on 53
03/31/2019	FPO	3.6	270	CT 51 Major Overhaul
03/31/2019	PPO	3.6	159.31	Impact loss due to curtailment on 51
03/31/2019	FPO	1.0	270	CT 51 Major Overhaul
03/31/2019	PPO	1.0	159.31	Impact loss due to curtailment on 51
04/01/2019	FPO	19.8	270	CT 51 Major Overhaul
04/01/2019	PPO	19.8	159.31	Impact loss due to curtailment on 51
04/02/2019	FPO	40.8	270	CT 51 Major Overhaul
04/02/2019	PPO	40.8	159.31	Impact loss due to curtailment on 51
04/04/2019	FPO	12.1	270	CT 51 Major Overhaul
04/04/2019	PPO	12.1	159.31	Impact loss due to curtailment on 51
04/05/2019	FMO	1.0	270	CT 51 Liquid Fuel Oil Testing MOF
04/05/2019	PMO	1.0	159.31	Impact loss due to curtailment on 51
04/06/2019	FMO	0.5	270	CT 51 Liquid Fuel Oil Testing MOF
04/06/2019	PMO	0.5	159.31	Impact loss due to curtailment on 51
04/14/2019	FFO	1.2	270	52 OUTAGE, FORCED, FULL, CONTROL OIL LEAK AT F.O RE
04/14/2019	PFO	1.2	159.32	Impact loss due to curtailment on 52
04/19/2019	FMO	89.3	270	CT 53 SNOW Repair HRSG Tube Leak

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

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## ACTUAL PERFORMANCE DATA

COMPANY: FLORIDA POWER AND LIGHT

From: Jan-2019

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PLANT / UNIT: RIVIERA

05

PRV 05

DATE	OUTAGE TYPE(1)	HOURS	(MW) AFFECTED	DESCRIPTION
04/19/2019	PMO	48.4	159.37	Impact loss due to curtailment on 53
04/20/2019	PMO	1.7	159.32	Impact loss due to curtailment on 52
04/20/2019	FMO	37.4	270	CT 52 SNOW Turning Gear Lift Oil Leak Repair
04/20/2019	FMO	40.9	478	ST SNOW Replace Main Steam Stop Valve Solenoid
04/20/2019	FMO	62.4	270	CT 51 SNOW CT Rotor Balance Shot
04/22/2019	PMO	22.3	159.32	Impact loss due to curtailment on 51
05/18/2019	FFO	0.5	270	53 EFOR DURING START UP Manual Gas Iso Valve Not Open
05/18/2019	PFO	0.5	159.37	Impact loss due to curtailment on 53
05/18/2019	PFO	0.7	258	PRV 53 EFOR / Partial - Incorrect Unit Shutdown by Operator
05/26/2019	FFO	27.2	270	PRV CT 52 Full Forced, Low Circulating Water Flow Seaweed
05/26/2019	PFO	27.2	159.32	Impact loss due to curtailment on 52
05/26/2019	FFO	49.5	270	PRV CT 53 Full Forced, Low Circulating Water Flow Seaweed
05/26/2019	PFO	49.5	159.37	Impact loss due to curtailment on 53
05/27/2019	PFO	21.6	70	PRV CT 52 Partial Forced, Low Circ Water Flow seaweed
05/27/2019	PFO	21.6	70	PRV CT 51 Partial Forced, Low Circulating Water Flow Seaweed
06/03/2019	FMO	85.6	270	Event MOF - CT 51 VGV1 Maintenance
06/03/2019	PMO	85.6	159.32	Impact loss due to curtailment on 51
06/04/2019	FFO	4.5	270	EFOR, Full Forced, CT 53 Low Blade 1 cooling air pressure
06/04/2019	PFO	4.5	159.37	Impact loss due to curtailment on 53
06/06/2019	FFO	2.4	270	EFOR, Full Forced, CT 53 Continuous Air Purge Pressure High
06/06/2019	PFO	2.4	159.37	Impact loss due to curtailment on 53
06/13/2019	FMO	39.2	270	CT 53 SNOW Repair HRSG IP Pipe Leak
06/13/2019	PMO	39.2	159.37	Impact loss due to curtailment on 53
07/04/2019	FFO	5.6	270	53 EFOR Excitation Field Breaker Fault

(1) FFO - FULL FORCED OUTAGE  
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 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-2019

To: Dec-2019

PLANT / UNIT: RIVIERA

05

PRV 05

DATE	OUTAGE TYPE(1)	HOURS	(MW) AFFECTED	DESCRIPTION
07/04/2019	PFO	5.6	159.37	Impact loss due to curtailment on 53
07/22/2019	FMO	34.0	270	52 CT SNOW Repair Fuel Gas Leaks inside CT enclosure
07/22/2019	PMO	34.0	159.32	Impact loss due to curtailment on 52
07/24/2019	FMO	36.3	270	53 CT SNOW: Inspect and Repack HP Drum Level Control Val
07/24/2019	PMO	36.3	159.37	Impact loss due to curtailment on 53
08/16/2019	FMO	61.0	270	CT 52 MOF - ISO-PHASE Duct Inspection
08/16/2019	PMO	61.0	159.32	Impact loss due to curtailment on 52
08/31/2019	FFO	2.8	270	OUTAGE, FORCED, FULL, 52 Tripped on High Blade Path Spr
08/31/2019	PFO	2.8	159.32	Impact loss due to curtailment on 52
09/01/2019	FFO	12.2	270	OUTAGE, FORCED, FULL, CT 52 Tripped on High Blade Path
09/01/2019	PFO	12.2	159.32	Impact loss due to curtailment on 52

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

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## ACTUAL PERFORMANCE DATA

COMPANY: FLORIDA POWER AND LIGHT

From: Jan-2019

To: Dec-2019

PLANT / UNIT: WEST COUNTY ENERGY 03

PWC 03

DATE	OUTAGE TYPE(1)	HOURS	(MW) AFFECTED	DESCRIPTION
01/04/2019	FMO	103.5	253	PWC 3A Event MOF - HRSG Roof Crack
01/04/2019	PMO	103.5	159.97	Impact loss due to curtailment on 3A
01/10/2019	FFO	6.4	253	PWC 3A EFOR / Full Forced - BFP Recirc. valve malfunction
01/10/2019	PFO	6.4	159.97	Impact loss due to curtailment on 3A
01/11/2019	FFO	7.2	253	PWC 3A EFOR / Full Forced - TRIP ON CPFM HIGH RUN BA
01/11/2019	PFO	0.4	159.97	Impact loss due to curtailment on 3A
01/11/2019	FFO	6.8	480	PWC 3ST EFOR / Full Forced - Loss of Process Steam
01/11/2019	FFO	7.2	253	PWC 3C EFOR / Full Forced - CT TRIP COMB COOL STM OI
01/11/2019	FFO	4.8	253	PWC 3B EFOR / Full Forced - COOL STEAM COMB DIFF PR
01/11/2019	PFO	0.4	160.03	Impact loss due to curtailment on 3C
01/22/2019	FMO	149.1	253	PWC 3B Event MOF - HRSG Tube Leak
01/22/2019	PMO	149.1	159.97	Impact loss due to curtailment on 3B
02/04/2019	FMO	53.0	253	PWC 3A Task MOF - CT Exhaust Inspection
02/04/2019	PMO	53.0	159.97	Impact loss due to curtailment on 3A
02/04/2019	FFO	20.9	253	PWC 3B EFOR / Full Forced - Exhaust Leak & Fire Protection
02/04/2019	PFO	20.9	159.97	Impact loss due to curtailment on 3B
02/05/2019	FMO	40.4	253	PWC 3B Task MOF - CT Exhaust Inspection
02/05/2019	PMO	40.4	159.97	Impact loss due to curtailment on 3B
02/06/2019	FMO	54.6	253	PWC 3C Task MOF - CT Exhaust Inspection
02/06/2019	PMO	54.6	160.03	Impact loss due to curtailment on 3C
02/13/2019	FFO	2.2	253	PWC 3A EFOR / Start-up Failure - LP Drum Level Control Valv
02/13/2019	PFO	2.2	159.97	Impact loss due to curtailment on 3A
02/17/2019	FFO	24.9	253	PWC 3C EFOR / Full Forced - Reverse Power Trip
02/17/2019	PFO	24.9	160.03	Impact loss due to curtailment on 3C

(1) FFO - FULL FORCED OUTAGE  
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 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-2019

To: Dec-2019

PLANT / UNIT: WEST COUNTY ENERGY 03

PWC 03

DATE	OUTAGE TYPE(1)	HOURS	(MW) AFFECTED	DESCRIPTION
02/23/2019	PMO	142.6	159.97	Impact loss due to curtailment on 3B
02/23/2019	FMO	371.9	253	PWC 3B Event MOF - Annual Reliability Outage
02/26/2019	FMO	381.4	253	PWC 3A Event MOF - Annual Reliability Outage
02/26/2019	PMO	145.9	159.97	Impact loss due to curtailment on 3A
03/01/2019	FMO	235.5	480	PWC 3ST Event MOF - Annual Reliability Outage
03/02/2019	FMO	368.2	253	PWC 3C Event MOF - Annual Reliability Outage
03/11/2019	PMO	135.8	160.03	Impact loss due to curtailment on 3C
03/14/2019	FFO	1.2	253	PWC 3B EFOR \ Full Forced - Low Aux Steam Temp
03/14/2019	PFO	1.2	159.97	Impact loss due to curtailment on 3B
03/31/2019	FFO	1.5	253	PWC 3A EFOR / Full Forced - BFP Recirc Vlv Failed to Functi
03/31/2019	PFO	1.5	159.97	Impact loss due to curtailment on 3A
05/03/2019	FFO	0.9	253	PWC 3A EFOR / Start-up Failure - High Blade Path Spread
05/03/2019	PFO	0.9	159.98	Impact loss due to curtailment on 3A
05/23/2019	FMO	58.7	253	PWC 3A Event MOF - Condenser Tube Leak
05/23/2019	PMO	58.7	159.98	Impact loss due to curtailment on 3A
05/23/2019	FMO	61.1	253	PWC 3C Event MOF - Condenser Tube Leak
05/23/2019	PMO	61.1	160.03	Impact loss due to curtailment on 3C
06/11/2019	FFO	13.5	253	PWC 3B EFOR / Full Forced - Fuel Gas Relief Valve Lifted
06/11/2019	PFO	13.5	159.98	Impact loss due to curtailment on 3B
06/28/2019	FFO	3.3	253	PWC 3A EFOR / Full Forced - BFP Low Flow Indicalton
06/28/2019	PFO	3.3	159.98	Impact loss due to curtailment on 3A
07/12/2019	FFO	30.3	253	EFOR - 3A BFP Sensing Line Crack
07/12/2019	PFO	30.3	159.98	Impact loss due to curtailment on 3A
07/16/2019	FFO	12.1	253	EFOR 3A BFP Flow low low

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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-2019

To: Dec-2019

PLANT / UNIT: WEST COUNTY ENERGY 03

PWC 03

DATE	OUTAGE TYPE(1)	HOURS	(MW) AFFECTED	DESCRIPTION
07/16/2019	PFO	12.1	159.98	Impact loss due to curtailment on 3A
07/26/2019	FMO	33.8	253	PWC 3B Event MOF - TCA Cooler to Condenser Control vlv Rv
07/26/2019	PMO	33.8	159.98	Impact loss due to curtailment on 3B
08/01/2019	FFO	2.0	253	PWC 3A EFOR / Start-up Failure - Low Combustion Outlet Pre
08/01/2019	PFO	2.0	159.98	Impact loss due to curtailment on 3A
08/23/2019	FMO	84.1	253	PWC 3C Event MOF - CT CPFM Replacement
08/23/2019	PMO	84.1	160.03	Impact loss due to curtailment on 3C
09/04/2019	FFO	4.3	253	PWC 3C EFOR / Start-up Failure - BFP Low Low Flow
09/04/2019	PFO	4.3	160.03	Impact loss due to curtailment on 3C
09/13/2019	FMO	53.7	253	PWC 3B Event MOF - Reduced Load for Condenser Tube Lea
09/13/2019	PMO	53.7	159.98	Impact loss due to curtailment on 3B
09/14/2019	FMO	22.0	253	PWC 3C Event MOF - Reduced Load for Condenser Tube Lea
09/14/2019	PMO	22.0	160.03	Impact loss due to curtailment on 3C
09/15/2019	FFO	3.8	253	PWC 3C EFOR / Start-up Failure - Slow Acting LP Bleed Valve
09/15/2019	PFO	3.8	160.03	Impact loss due to curtailment on 3C
09/24/2019	FFO	1.0	480	PWC 3ST EFOR / Full Forced - No CT online
09/24/2019	FFO	4.3	253	PWC 3A EFOR / Full Forced - Low CT Comb. Cooling Stm Ou
09/24/2019	PFO	3.3	159.98	Impact loss due to curtailment on 3A

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

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## ACTUAL PERFORMANCE DATA

COMPANY: FLORIDA POWER AND LIGHT

From: Jan-2019

To: Dec-2019

PLANT / UNIT: FORT MYERS 02

PFM 02

DATE	OUTAGE TYPE(1)	HOURS	(MW) AFFECTED	DESCRIPTION
01/01/2019	FPO	84.0	185	PFM 2E POF-3SAR UPGRADE
01/01/2019	PPO	84.0	66.46	Impact loss due to curtailment on 2E
01/01/2019	PPO	84.0	10.52	Impact loss due to curtailment on 2E
01/06/2019	PPO	49.4	10.52	Impact loss due to curtailment on 2F
01/06/2019	FPO	1026.7	185	PFM 2F CT POF- 3SAR Upgrade
01/06/2019	PPO	844.5	66.46	Impact loss due to curtailment on 2F
01/08/2019	PPO	21.9	10.52	Impact loss due to curtailment on 2E
01/08/2019	PPO	22.2	66.46	Impact loss due to curtailment on 2E
01/08/2019	FPO	197.1	185	PFM 2E POF - Steam Turbine Separation Outage
01/08/2019	FPO	3048.6	63	PFM ST1 POF - Steam turbine Upgrade
01/08/2019	FPO	182.2	398	PFM ST2 POF - Steam Turbine Upgrade
01/08/2019	FPO	174.8	185	PFM 2C POF - Steam Turbine Separation Outage
01/08/2019	FPO	174.0	185	PFM 2B POF - Steam Turbine Separation Outage
01/08/2019	FPO	173.3	185	PFM 2A POF - Steam Turbine Separation Outage
01/08/2019	FPO	173.4	185	PFM 2D POF - Steam Turbine Separation Outage
02/06/2019	PFO	0.2	150	PFM 2C CT EFOR Partial Forced Runback
02/11/2019	PFO	0.2	143	PFM ST2 EFOR Runback on CWP trip
02/17/2019	FFO	14.5	185	PFM 2B CT EFOR Tripped on Fire Protection Release
02/17/2019	PFO	14.5	66.46	Impact loss due to curtailment on 2B
02/27/2019	FMO	21.1	185	PFM 2C CT Event MOF FOR RISER PIPE REPAIR
02/27/2019	PMO	21.1	66.46	Impact loss due to curtailment on 2C
03/01/2019	FFO	23.2	185	PFM 2F EFOR GCV2 Fault
03/01/2019	PFO	23.2	66.46	Impact loss due to curtailment on 2F
03/03/2019	FFO	19.3	185	PFM 2F EFOR GCV2 Fault

- (1) FFO - FULL FORCED OUTAGE  
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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-2019

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PLANT / UNIT: FORT MYERS 02

PFM 02

DATE	OUTAGE TYPE(1)	HOURS	(MW) AFFECTED	DESCRIPTION
03/03/2019	PFO	19.3	66.46	Impact loss due to curtailment on 2F
03/03/2019	FFO	24.5	185	PFM 2E EFOR 89ND Failed to Open
03/03/2019	PFO	24.5	66.46	Impact loss due to curtailment on 2E
03/05/2019	FMO	62.8	185	PFM 2B Task MOF - Simple Cycle Conversion
03/05/2019	PMO	62.8	66.46	Impact loss due to curtailment on 2B
03/12/2019	FFO	1.8	185	PFM 2C EFOR SUS Feed Breaker Tripped
03/12/2019	PFO	1.8	66.46	Impact loss due to curtailment on 2C
03/12/2019	PPO	0.7	66.46	Impact loss due to curtailment on 2C
03/12/2019	FPO	1755.5	185	PFM 2C POF - Steam Turbine Upgrade
03/12/2019	FPO	1536.8	398	PFM ST2 POF - Steam Turbine Upgrade
03/13/2019	FPO	1190.8	185	PFM 2D POF - Steam Turbine Upgrade
03/13/2019	FPO	418.5	185	PFM 2A POF - Steam Turbine Upgrade
03/30/2019	FMO	246.4	185	PFM 2B POF - Steam Turbine Upgrade
04/02/2019	FFO	8.0	185	PFM 2E EFOR 89ND WILL NOT MOVE
04/12/2019	FFO	58.9	185	PFM 2B EFOR GSU OVERHEATING ISSUES.
04/22/2019	FFO	6.2	185	PFM 2F EFOR 4160V Tie Breaker Failure
04/22/2019	FFO	6.2	185	PFM 2E EFOR 4160V Tie Breaker Opened
04/27/2019	FFO	3.2	185	PFM 2F EFOR Gas Header Isolation Failed Closed
05/16/2019	FPO	661.1	398	PFM ST2 POF Extension - Steam Turbine Upgrade
05/16/2019	FPO	664.6	63	PFM ST1 POF Extension - Steam Turbine Upgrade
05/31/2019	FFO	0.8	185	PFM 2F EFOR Hydraulic Pump Issues
06/04/2019	FFO	0.9	185	PFM 2C EFOR High IP Drum Level
06/06/2019	FMO	4.2	185	PFM 2D CT Task MOF - Blanking Plate
06/07/2019	FMO	62.3	185	PFM 2D CT Task MOF - Blanking Plate

(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-2019

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PLANT / UNIT: FORT MYERS 02

PFM 02

DATE	OUTAGE TYPE(1)	HOURS	(MW) AFFECTED	DESCRIPTION
06/07/2019	FMO	68.2	185	PFM 2A CT Task MOF - Blanking Plate
06/07/2019	FMO	68.0	185	PFM 2F CT Task MOF - Blanking Plate
06/11/2019	FFO	0.5	185	PFM 2A EFOR BFP Low Flow
06/11/2019	FFO	1.8	185	PFM 2C EFOR BFP Low Flow
06/19/2019	FPO	1.0	145	PFM ST1 POF - Manual Trip Test
06/20/2019	FFO	1.1	145	PFM ST1 EFOR Tripped on Loss of Vacuum
06/20/2019	FFO	9.9	187	PFM 2E EFOR BFP Strainer Trip
06/20/2019	PFO	9.9	75.32	Impact loss due to curtailment on 2E
06/20/2019	PFO	9.1	24.22	Impact loss due to curtailment on 2E
06/21/2019	FFO	21.4	451	PFM ST2 EFOR Trip on High IP Drum Level
06/21/2019	FFO	25.4	145	PFM ST1 EFOR Tripped on High IP Drum Level
06/21/2019	FFO	0.1	187	PFM 2D EFOR HP Steam Attemperator Failed
06/21/2019	FFO	2.1	187	PFM 2A EFOR IP Drum Level Issues
06/21/2019	FFO	0.3	187	PFM 2D EFOR Boiler Feed Pump Tripped
06/21/2019	FFO	0.3	187	PFM 2B EFOR Boiler Feed Pump Tripped
06/21/2019	FFO	0.1	451	PFM ST2 EFOR Tripped on High LP Cross Over Temperature
07/08/2019	FMO	51.7	187	PFM 2E Task MOF - HRSG Blanking Plate Addition
07/08/2019	PMO	51.7	75.32	Impact loss due to curtailment on 2E
07/08/2019	PMO	51.7	24.22	Impact loss due to curtailment on 2E
07/08/2019	FMO	48.6	187	PFM 2B Task MOF - HRSG Blanking Plate Addition
07/08/2019	PMO	48.6	75.32	Impact loss due to curtailment on 2B
07/08/2019	PMO	48.6	24.22	Impact loss due to curtailment on 2B
07/10/2019	FMO	111.4	145	PFM ST1 Task MOF - Remove Condensate Fine Screens
07/11/2019	FMO	107.5	451	PFM ST2 Task MOF - Condensate Fine Screen Removal

(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-2019

To: Dec-2019

PLANT / UNIT: FORT MYERS 02

PFM 02

DATE	OUTAGE TYPE(1)	HOURS	(MW) AFFECTED	DESCRIPTION
07/11/2019	FMO	100.9	187	PFM 2C Task POF - ST Fine Screen Outage
07/11/2019	FMO	104.1	187	PFM 2D Task MOF - ST Fine Screen Outage
07/11/2019	FMO	99.6	187	PFM 2A Task POF - ST Fine Screen Outage
07/11/2019	FMO	99.5	187	PFM 2F Task MOF - ST Fine Screen Outage
07/15/2019	FFO	0.8	187	PFM 2F EFOR High HP Drum Level
07/15/2019	FFO	1.1	187	PFM 2D EFOR ABV-13 Solenoid Failed
07/15/2019	PFO	0.5	75.32	Impact loss due to curtailment on 2D
07/19/2019	FMO	56.7	187	PFM 2E Task MOF - HRSG Blanking Plate Removal
07/19/2019	PMO	56.7	75.32	Impact loss due to curtailment on 2E
07/19/2019	PMO	56.7	24.22	Impact loss due to curtailment on 2E
07/20/2019	FMO	58.9	187	PFM 2B Task MOF - HRSG Blanking Plate Removal
07/20/2019	PMO	58.9	75.32	Impact loss due to curtailment on 2B
07/20/2019	PMO	58.9	24.22	Impact loss due to curtailment on 2B
07/26/2019	FMO	26.3	187	PFM 2D Event MOF - Replace LO Mist Separation Motors
07/26/2019	PMO	26.3	75.32	Impact loss due to curtailment on 2D
07/26/2019	PMO	26.3	24.22	Impact loss due to curtailment on 2D
07/27/2019	FMO	17.2	187	PFM 2F Event MOF - SNOW Taken To Replace Ignition System
07/27/2019	PMO	17.2	75.32	Impact loss due to curtailment on 2F
07/27/2019	PMO	17.2	24.22	Impact loss due to curtailment on 2F
07/31/2019	PFO	5.8	47	PFM ST1 EFOR ACV-11 Failure
07/31/2019	FMO	94.3	187	PFM- 2D Event MOF - HRSG Tube Leak Repair
07/31/2019	PMO	94.3	75.32	Impact loss due to curtailment on 2D
07/31/2019	PMO	94.3	24.22	Impact loss due to curtailment on 2D
08/09/2019	FMO	48.8	187	PFM 2B Event MOF- Static Start Switch (89SS) 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-2019 To: Dec-2019  
 PLANT / UNIT: FORT MYERS 02 PFM 02

DATE	OUTAGE TYPE(1)	HOURS	(MW) AFFECTED	DESCRIPTION
08/09/2019	PMO	48.8	75.32	Impact loss due to curtailment on 2B
08/09/2019	PMO	48.8	24.22	Impact loss due to curtailment on 2B
08/13/2019	FFO	71.5	145	PFM ST1 EFOR Trip on High Condenser Vacuum
08/13/2019	FFO	3.9	451	PFM ST2 EFOR Trip on High Crossover Temperature
08/14/2019	FFO	13.3	451	PFM ST2 EFOR Trip on High Exhaust Temperature
08/15/2019	FFO	3.8	451	PFM ST2 EFOR Hydraulic Oil Leak
08/17/2019	FFO	0.4	145	PFM ST1 EFOR Trip on High Condenser Vacuum
08/17/2019	FMO	23.8	187	PFM 2C Event MOF - Drain Valve Replacement
08/17/2019	PMO	23.8	75.32	Impact loss due to curtailment on 2C
08/17/2019	PMO	23.8	24.22	Impact loss due to curtailment on 2C
08/17/2019	FMO	35.0	187	PFM 2A Event MOF - Replace Drain Valves
08/17/2019	PMO	35.0	75.32	Impact loss due to curtailment on 2A
08/17/2019	PMO	35.0	24.22	Impact loss due to curtailment on 2A
08/19/2019	FMO	109.5	187	PFM 2D Event MOF - Repair HRSG Tube Leaks
08/19/2019	PMO	109.5	75.32	Impact loss due to curtailment on 2D
08/19/2019	PMO	109.5	24.22	Impact loss due to curtailment on 2D
09/13/2019	FMO	22.4	187	PFM 2E Task MOF - Upgrade CT Ignition System
09/13/2019	PMO	22.4	75.32	Impact loss due to curtailment on 2E
09/13/2019	PMO	22.4	24.22	Impact loss due to curtailment on 2E
09/18/2019	PFO	0.1	127	PFM 2D EFOR Exhaust Temperature Spread
09/20/2019	FMO	80.5	187	PFM 2A Task MOF - Repair HRSG Tube Leaks
09/20/2019	PMO	80.5	75.32	Impact loss due to curtailment on 2A
09/20/2019	PMO	80.5	24.22	Impact loss due to curtailment on 2A
09/20/2019	FMO	44.6	187	PFM 2F Task MOF - Repair HP Feedwater Valve

(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-2019

To: Dec-2019

PLANT / UNIT: FORT MYERS 02

PFM 02

DATE	OUTAGE TYPE(1)	HOURS	(MW) AFFECTED	DESCRIPTION
09/20/2019	PMO	44.6	75.32	Impact loss due to curtailment on 2F
09/20/2019	PMO	44.6	24.22	Impact loss due to curtailment on 2F
09/24/2019	FFO	7.2	451	PFM ST2 EFOR Trip on High Turbine Back Pressure
09/24/2019	FFO	27.9	145	PFM ST1 EFOR Due to ST2 Trip
09/24/2019	FFO	14.0	451	PFM ST2 EFOR Trip on High HP Exhaust Temperature
09/25/2019	FFO	5.3	451	PFM ST2 EFOR Trip on High HP Exhaust Temperature

- (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-2019

To: Dec-2019

PLANT / UNIT: ST LUCIE 01

PSL 01

DATE	OUTAGE TYPE(1)	HOURS	(MW) AFFECTED	DESCRIPTION
04/25/2019	FFO	1359.9	981	U1 UEL Main Generator Ground Fault 042519
06/21/2019	PFO	34.3	336.72	PSL 1 UEL Main Genertor Ground Up Power 06212019
09/07/2019	FFO	350.9	981	PSL 1 UEL 1A1 RCP ground 09072019
09/21/2019	PFO	16.1	372.76	PSL 1 UEL 1A1 RCP GND Uppower 09212019

(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-2019**

**To: Dec-2019**

**PLANT / UNIT: ST LUCIE 02**

**PSL 02**

DATE	OUTAGE TYPE(1)	HOURS	(MW) AFFECTED	DESCRIPTION
09/26/2019	PPO	8.0	83.79	PSL 2 PEL TVT 09262019

- (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-2019

To: Dec-2019

PLANT / UNIT: TURKEY POINT 03

PTN 03

DATE	OUTAGE TYPE(1)	HOURS	(MW) AFFECTED	DESCRIPTION
01/21/2019	PFO	30.3	181.81	Unit 3 unplanned power reduction due to CV-3-1413 non respo
05/18/2019	FFO	33.5	837	Unit 3 Manual Rx trip due to Grid disturbance
05/19/2019	PFO	20.3	447.06	Unit 3 power ascension follow Reactor trip due to grid disturba
05/21/2019	PFO	33.0	86.44	Unit 3 Unplanned downpower to repair 3C Condensate pmp se
09/26/2019	PFO	35.6	481.87	PTN Unit 3 Unplanned downpower to repair Purge Valve PO

(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-2019

To: Dec-2019

PLANT / UNIT: TURKEY POINT 04

PTN 04

DATE	OUTAGE TYPE(1)	HOURS	(MW) AFFECTED	DESCRIPTION
02/19/2019	PFO	217.0	20.05	Unit 4 unplanned downpower due to rv-4-3424 failure
03/01/2019	PFO	170.5	22.69	Unit 4 unplanned downpower due toRv-4-3424 failure
03/08/2019	PPO	68.5	216.49	Unit 4 planned coastdown in prep for Cycle 31 RFO
03/11/2019	FPO	504.0	821	Unit 4 Cycle 31 RFO
04/01/2019	FPO	244.4	821	Unit 4 Cycle 31 RFO continue
04/11/2019	PPO	98.6	408.15	Unit 4 planned power ascension following Cycle 31 RFO

(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-2019

To: Dec-2019

PLANT / UNIT: WEST COUNTY ENERGY 01

PWC 01

DATE	OUTAGE TYPE(1)	HOURS	(MW) AFFECTED	DESCRIPTION
01/01/2019	FMO	101.1	258	PWC 1B Event MOF - Hot Reheat Header Crack
01/01/2019	PMO	101.1	161.97	Impact loss due to curtailment on 1B
01/08/2019	FMO	102.8	258	PWC 1A Event MOF - Hot Reheat Bypass Leak
01/08/2019	PMO	92.8	161.97	Impact loss due to curtailment on 1A
01/09/2019	FFO	10.0	486	PWC 1ST EFOR / Full Forced - Loss of vacuum
01/09/2019	FFO	7.5	258	PWC 1C EFOR / Full Forced - 1C CT Trip due to ST trip and B
02/01/2019	FMO	56.0	258	PWC 1B Event MOF - CT Package Vent Fan
02/01/2019	PMO	56.0	161.97	Impact loss due to curtailment on 1B
02/14/2019	FFO	0.7	486	PWC 1ST EFOR / Start-up Failure - Vacuum Permissive Not N
03/30/2019	FFO	17.4	258	PWC 1B EFOR / Start-up Failure - Loss of Temperature Eleme
03/30/2019	PFO	17.4	161.97	Impact loss due to curtailment on 1B
04/06/2019	FMO	8.9	258	PWC 1C Event MOF - Leaking CT Exhaust Expansion Joint
04/06/2019	PMO	8.9	162.03	Impact loss due to curtailment on 1C
05/13/2019	PFO	0.9	189	PWC 1A Partial EFOR - Failed Thermo Couple Delayed Ramp
06/06/2019	FFO	14.8	486	PWC 1ST EFOR / Full Forced - LP Steam Seal Desuperheater
06/09/2019	FFO	0.9	486	PWC 1ST EFOR/ Full Forced - Low vacuum trip due to DSH B
06/14/2019	FMO	55.2	258	PWC 1C Event MOF - BFP Seal Replacement & CT Exhaust I
06/14/2019	PMO	55.2	162.03	Impact loss due to curtailment on 1C
06/28/2019	FMO	64.3	258	PWC 1A Event MOF - Reduced Load for Condenser Tube Lea
06/28/2019	PMO	64.3	161.98	Impact loss due to curtailment on 1A
06/28/2019	FMO	59.6	258	PWC 1B Event MOF - Reduced Load for Condenser Tube Lea
06/28/2019	PMO	59.6	161.98	Impact loss due to curtailment on 1B
07/16/2019	FFO	2.8	258	EFOR 1A BFP trip on HP low low flow
07/16/2019	PFO	2.8	161.98	Impact loss due to curtailment on 1A

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

ACTUAL PERFORMANCE DATA  
 COMPANY: FLORIDA POWER AND LIGHT  
 From: Jan-2019 To: Dec-2019  
 PLANT / UNIT: WEST COUNTY ENERGY 01 PWC 01

DATE	OUTAGE TYPE(1)	HOURS	(MW) AFFECTED	DESCRIPTION
08/01/2019	FMO	86.9	258	PWC 1B Event MOF - CT Exhaust Repairs
08/01/2019	PMO	86.9	161.98	Impact loss due to curtailment on 1B
08/05/2019	FFO	10.2	258	EFOR PWC 1B, Start-up Failure, Failed to Fire
08/05/2019	PFO	10.2	161.98	Impact loss due to curtailment on 1B
09/19/2019	FMO	52.0	258	PWC 1C Event MOF - Leaking BFP Mechanical Seal
09/19/2019	PMO	52.0	162.03	Impact loss due to curtailment on 1C

(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-2019

To: Dec-2019

PLANT / UNIT: WEST COUNTY ENERGY 02

PWC 02

DATE	OUTAGE TYPE(1)	HOURS	(MW) AFFECTED	DESCRIPTION
01/03/2019	FFO	5.1	257	PWC 2C EFOR / Full Forced - Trip on BFP Low Flow
01/03/2019	PFO	5.1	155.7	Impact loss due to curtailment on 2C
01/04/2019	FFO	4.9	257	PWC 2A EFOR / Full Forced - Deviation of Top Hat Control Val
01/04/2019	PFO	4.9	155.65	Impact loss due to curtailment on 2A
01/09/2019	FMO	83.8	257	PWC 2A Event MOF - Steam Leak repairs
01/09/2019	PMO	83.8	155.65	Impact loss due to curtailment on 2A
01/14/2019	FFO	10.3	257	PWC 2A EFOR / Start-up Failure - CT Flame out
01/14/2019	PFO	10.3	155.65	Impact loss due to curtailment on 2A
02/13/2019	FMO	81.0	257	PWC 2A Event MOF - Feedwater to HP Desuperheater Leak
02/13/2019	PMO	81.0	155.7	Impact loss due to curtailment on 2C
02/17/2019	FFO	3.7	257	PWC 2C EFOR / Full Forced - Low TCA Inlet Flow
02/17/2019	PFO	3.7	155.7	Impact loss due to curtailment on 2C
02/17/2019	FFO	6.1	257	PWC 2C EFOR / Full Forced - BFP Trip on HP Discharge Low
02/17/2019	PFO	6.1	155.7	Impact loss due to curtailment on 2C
02/22/2019	FFO	0.2	257	PWC 2A EFOR / Start-up Failure - Flame Out
02/22/2019	PFO	0.2	155.65	Impact loss due to curtailment on 2A
02/23/2019	FFO	7.3	257	PWC 2A EFOR / Start-up Failure - Flame Out
02/23/2019	PFO	7.3	155.65	Impact loss due to curtailment on 2A
02/28/2019	FFO	0.9	257	PWC 2C EFOR / Start-up Failure - Low TCA Flow
02/28/2019	PFO	0.9	155.7	Impact loss due to curtailment on 2C
03/18/2019	FMO	57.1	257	PWC 2C Event MOF - TCA FW to Condenser Control Valve Op
03/18/2019	PMO	57.1	155.7	Impact loss due to curtailment on 2C
03/21/2019	FFO	5.3	257	PWC 2B EFOR / Full Forced - CPFM Trip due to IP Drum Level
03/21/2019	PFO	5.3	155.65	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:  
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ISSUED BY: FLORIDA POWER &amp; LIGHT CO.

ACTUAL PERFORMANCE DATA  
 COMPANY: FLORIDA POWER AND LIGHT  
 From: Jan-2019 To: Dec-2019

PLANT / UNIT: WEST COUNTY ENERGY 02

PWC 02

DATE	OUTAGE TYPE(1)	HOURS	(MW) AFFECTED	DESCRIPTION
03/30/2019	PPO	166.2	155.65	Impact loss due to curtailment on 2A
03/30/2019	FPO	752.7	257	PWC 2A POF - CT Hot Gas Path
04/01/2019	FFO	3.0	257	PWC 2C EFOR / Full Forced - Trip on Low TCA Flow
04/01/2019	PFO	3.0	155.7	Impact loss due to curtailment on 2C
04/02/2019	PPO	94.6	155.65	Impact loss due to curtailment on 2B
04/02/2019	FPO	753.1	257	PWC 2B POF - CT Hot Gas Path
04/06/2019	FPO	586.5	467	PWC 2ST POF - Planned Block Outage
04/06/2019	FPO	730.2	257	PWC 2C POF - CT Hot Gas Path
05/01/2019	FPO	282.1	257	PWC 2A POF Extension - CT Hot Gas Path & A Isophase Test
05/01/2019	FPO	384.7	467	PWC 2ST POF Extension - Planned Block Outage
05/04/2019	FPO	303.0	257	PWC 2B POF Extension - CT Hot Gas Path
05/07/2019	FPO	288.0	257	PWC 2C POF Extension - CT Hot Gas Path
05/13/2019	FFO	218.7	257	PWC 2A Full Forced - Generator Neutral Phase Failure
05/17/2019	PPO	47.4	155.7	Impact loss due to curtailment on 2C
05/17/2019	PFO	116.2	155.65	Impact loss due to curtailment on 2A
06/17/2019	FMO	39.6	257	PWC 2A Event MOF - BFP Recirc X033 R/R
06/17/2019	PMO	39.6	155.65	Impact loss due to curtailment on 2A
07/27/2019	FMO	34.7	257	PWC 2B Event MOF - HRSG Preheater Vent Pipe
07/27/2019	PMO	34.7	155.65	Impact loss due to curtailment on 2B
07/31/2019	PFO	0.4	158	PWC 2B EFOR / Runback - Bad Quality Logic
08/02/2019	FMO	37.8	257	PWC 2A Event MOF - BFP Recirc Valve Rebuild
08/02/2019	PMO	37.8	155.65	Impact loss due to curtailment on 2A
08/13/2019	FMO	55.8	257	PWC 2C Event MOF - HRH Bypass Repair
08/13/2019	PMO	55.8	155.7	Impact loss due to curtailment on 2C

(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-2019

To: Dec-2019

PLANT / UNIT: WEST COUNTY ENERGY 02

PWC 02

DATE	OUTAGE TYPE(1)	HOURS	(MW) AFFECTED	DESCRIPTION
08/31/2019	FFO	1.5	257	PWC 2B EFOR / Full Forced - Environmental Permit Shutdown
08/31/2019	PFO	1.5	155.65	Impact loss due to curtailment on 2B
09/28/2019	FMO	31.7	257	PWC 2B Event MOF - HRSG Blowdown Header Leak
09/28/2019	PMO	31.7	155.65	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:  
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DOCKET NO.:  
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ISSUED BY: FLORIDA POWER &amp; LIGHT CO.

## ACTUAL PERFORMANCE DATA

COMPANY: FLORIDA POWER AND LIGHT

From: Jan-2019

To: Dec-2019

PLANT / UNIT: MANATEE UNIT 3 CC 03

PM3 03

DATE	OUTAGE TYPE(1)	HOURS	(MW) AFFECTED	DESCRIPTION
01/07/2019	FMO	21.1	191	PMT 3D Event MOF - SNOW taken to repair 3D exciter
01/07/2019	PMO	21.1	109.75	Impact loss due to curtailment on 3D
01/16/2019	FMO	49.7	191	PMT 3C Event MOF - SNOW taken to repair leak on PM1 gas
01/16/2019	PMO	49.7	109.75	Impact loss due to curtailment on 3C
01/19/2019	FFO	2.1	191	PMT 3D EFOR - Failed inlet bleed heat valve positioner
01/19/2019	PFO	2.1	109.75	Impact loss due to curtailment on 3D
02/04/2019	FFO	1.2	191	PMT 3D EFOR - Failed Solenoid Valve on ACV-SGA-4017
02/04/2019	PFO	1.2	109.75	Impact loss due to curtailment on 3D
02/28/2019	FMO	24.6	191	PMT 3B Event MOF - SNOW taken to repair Ammonia injection
02/28/2019	PMO	24.6	109.75	Impact loss due to curtailment on 3B
03/27/2019	FMO	27.0	191	PMT 3C Event MOF - SNOW taken to replace fuel gas heater
03/27/2019	PMO	27.0	109.75	Impact loss due to curtailment on 3C
03/29/2019	FMO	48.0	191	PMT 3D Event MOF - SNOW taken to replace leaking gas valve
03/29/2019	PMO	48.0	109.75	Impact loss due to curtailment on 3D
04/08/2019	FFO	6.1	191	PMT 3B EFOR - Failed BFP discharge pressure transmitter
04/08/2019	PFO	6.1	109.75	Impact loss due to curtailment on 3B
05/05/2019	FFO	3.1	191	PMT 3D EFOR - OBB Valve failed to close
05/05/2019	PFO	3.1	109.75	Impact loss due to curtailment on 3D
06/14/2019	PMO	1.7	109.75	Impact loss due to curtailment on 3B
06/14/2019	FMO	49.0	191	PMT3 Block Event MOF - replace CRH safety pilot valves
06/14/2019	PMO	1.1	109.75	Impact loss due to curtailment on 3D
06/14/2019	FMO	48.4	191	PMT3 Block Event MOF - replace CRH safety pilot valves
06/15/2019	FMO	47.3	439	PMT3 Block Event MOF - replace CRH safety pilot valves
06/15/2019	FMO	47.2	191	PMT3 Block Event MOF - replace CRH safety pilot valves

(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-2019

To: Dec-2019

PLANT / UNIT: MANATEE UNIT 3 CC 03

PM3 03

DATE	OUTAGE TYPE(1)	HOURS	(MW) AFFECTED	DESCRIPTION
06/15/2019	FMO	47.0	191	PMT3 Block Event MOF - replace CRH safety pilot valves
06/29/2019	FFO	0.5	191	PMT 3D EFOR - Tripped due to flame out
06/29/2019	PFO	0.5	109.75	Impact loss due to curtailment on 3D
07/01/2019	FFO	2.5	191	PMT 3D EFOR - IGV LVDT failure
07/01/2019	PFO	2.5	109.75	Impact loss due to curtailment on 3D
07/12/2019	FFO	1.8	191	PMT 3D EFOR - OBB valve not tracking
07/12/2019	PFO	1.8	109.75	Impact loss due to curtailment on 3D
07/18/2019	FFO	2.5	191	PMT 3D EFOR - Trip due to undemanded closure of HP drum
07/18/2019	PFO	2.5	109.75	Impact loss due to curtailment on 3D
07/23/2019	FMO	47.7	191	PMT 3A Event MOF - SNOW taken to repair ABB Generator B:
07/23/2019	PMO	47.7	109.75	Impact loss due to curtailment on 3A
07/26/2019	FFO	2.3	191	PMT 3C EFOR - Trip due to failed SGA-3018 positioner
07/26/2019	PFO	2.3	109.75	Impact loss due to curtailment on 3C
08/11/2019	FFO	5.9	191	PMT 3B EFOR - MKVI module failed (gas vent valve failure)
08/11/2019	PFO	5.9	109.75	Impact loss due to curtailment on 3B
08/19/2019	FMO	27.2	191	PMT 3D Event MOF - SNOW taken to replace SCR NH3 Flow
08/19/2019	PMO	27.2	109.75	Impact loss due to curtailment on 3D
08/21/2019	FMO	22.6	191	PMT 3A Event MOF - SNOW taken to repair BFP recirc valve
08/21/2019	PMO	22.6	109.75	Impact loss due to curtailment on 3A
08/21/2019	FFO	2.0	191	PMT 3D EFOR - Unit could not start due to failed turbine contr
08/21/2019	PFO	2.0	109.75	Impact loss due to curtailment on 3D
08/24/2019	FFO	1.8	191	PMT 3A EFOR - IGV LVDT "B" failed
08/24/2019	PFO	1.8	109.75	Impact loss due to curtailment on 3A
09/24/2019	FFO	4.6	191	PMT3B EFOR - LP drum level feedwater regulator valve positii

(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-2019 To: Dec-2019  
 PLANT / UNIT: MANATEE UNIT 3 CC 03 PM3 03

DATE	OUTAGE TYPE(1)	HOURS	(MW) AFFECTED	DESCRIPTION
09/24/2019	PFO	4.6	109.75	Impact loss due to curtailment on 3B

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

FILED:  
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## ACTUAL PERFORMANCE DATA

COMPANY: FLORIDA POWER AND LIGHT

From: Jan-2019

To: Dec-2019

PLANT / UNIT: MARTIN-UNIT 8 08

PM8 08

DATE	OUTAGE TYPE(1)	HOURS	(MW) AFFECTED	DESCRIPTION
01/04/2019	FMO	79.0	197	PMR 8C Event MOF - Flame Scanner Cleaning and Tube Leak
01/04/2019	PMO	79.0	112	Impact loss due to curtailment on 8C
01/06/2019	FFO	0.8	197	PMR 8A Forced Outage - BFP Suction Pressure Transmitter F.
01/06/2019	PFO	0.8	112	Impact loss due to curtailment on 8A
01/08/2019	FFO	11.2	197	PMR 8C Start-Up Failure - Incorrect Parts in Ignition System
01/08/2019	PFO	11.2	112	Impact loss due to curtailment on 8C
01/10/2019	FFO	1.2	197	PMR 8B Start-Up Failure - Discharge Flow Transmitter Reading
01/10/2019	PFO	1.2	112	Impact loss due to curtailment on 8B
01/16/2019	FFO	2.4	197	PMR 8A Start-Up Failure - Exciter Not Allowing Generator to Start
01/16/2019	PFO	2.4	112	Impact loss due to curtailment on 8A
01/24/2019	PMO	2.1	112	Impact loss due to curtailment on 8A
01/24/2019	FMO	97.4	197	PMR 8A Event MOF - 8A LO Cooler Expansion & Exciter Bridge
01/24/2019	PMO	1.4	112	Impact loss due to curtailment on 8B
01/24/2019	FMO	99.6	197	PMR 8B Event MOF - CT Thermocouple 14 Replacement
01/25/2019	FMO	102.7	448	PMR 8ST Event MOF - Blowdown Line Repair & Aux CW Valve
01/25/2019	FMO	107.0	197	PMR 8C Event MOF - Main FW Regulator Packing Leak Repair
01/25/2019	FMO	97.0	197	PMR 8D Event MOF - Main Steam Blending Valve Packing Leak
01/29/2019	FMO	149.0	197	PMR 8A Event MOF Extension - CCW Piping Repair Under LC
01/29/2019	PMO	4.6	112	Impact loss due to curtailment on 8C
01/29/2019	PMO	141.7	112	Impact loss due to curtailment on 8A
02/04/2019	FMO	31.2	197	PMR 8B Event MOF - HP FW Regulating Valve Leak-by Repair
02/04/2019	PMO	31.2	112	Impact loss due to curtailment on 8B
02/05/2019	FFO	21.5	197	PMR 8A Forced Outage - CT Drain Line Flex Hose Failure
02/05/2019	PFO	21.5	112	Impact loss due to curtailment on 8A

(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-2019 To: Dec-2019

PLANT / UNIT: MARTIN-UNIT 8 08 PM8 08

DATE	OUTAGE TYPE(1)	HOURS	(MW) AFFECTED	DESCRIPTION
02/06/2019	FFO	2.3	197	PMR 8A Forced Outage - HP FW Regulating Valve Issues
02/06/2019	PFO	2.3	112	Impact loss due to curtailment on 8A
02/14/2019	FMO	53.9	197	PMR 8C Event MOF - Fuel Gas Performance Heater Tube Lea
02/14/2019	PMO	53.9	112	Impact loss due to curtailment on 8C
03/05/2019	FMO	28.8	197	PMR 8D Event MOF - Flamescanner Replacement
03/05/2019	PMO	28.8	112	Impact loss due to curtailment on 8D
03/06/2019	FMO	33.7	197	PMR 8A Event MOF - FW Regulator and Waterwash Drain Lin
03/06/2019	PMO	33.7	112	Impact loss due to curtailment on 8A
03/21/2019	FMO	57.0	197	PMR 8A Event MOF - HRSG Reheat 1 Tube Leak Repairs
03/21/2019	PMO	57.0	112	Impact loss due to curtailment on 8A
03/27/2019	FMO	81.4	197	PMR 8C Event MOF - CT Ignition System Swap from Unison tr
03/27/2019	PMO	81.4	112	Impact loss due to curtailment on 8C
04/03/2019	FMO	55.6	197	PMR 8C Event MOF - FW Flow Orifice Spool Piece Replacem
04/03/2019	PMO	55.6	112	Impact loss due to curtailment on 8C
04/04/2019	FMO	62.2	197	PMR 8B Event MOF - Igniter Upgrade & Waterwash Drain Line
04/04/2019	PMO	62.2	112	Impact loss due to curtailment on 8B
04/19/2019	FMO	47.7	197	PMR 8C Event MOF - Preheater Tube Leak Repair
04/19/2019	PMO	35.1	112	Impact loss due to curtailment on 8C
04/19/2019	PMO	2.4	112	Impact loss due to curtailment on 8B
04/19/2019	FMO	15.0	197	PMR 8B Event MOF - Offline to Support Steam Turbine MOF
04/19/2019	FMO	12.6	448	PMR 8ST Event MOF - Steam Leak-Off Drain Valve Actuator C
04/19/2019	FMO	12.3	197	PMR 8D Event MOF - Offline to Support Steam Turbine MOF
04/19/2019	FMO	11.5	197	PMR 8A Event MOF - Offline to Support Steam Turbine MOF
05/24/2019	FFO	0.9	197	PMR 8A EFOR - Main FW Regulating Valve Stuck Closed

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

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## ACTUAL PERFORMANCE DATA

COMPANY: FLORIDA POWER AND LIGHT

From: Jan-2019

To: Dec-2019

PLANT / UNIT: MARTIN-UNIT 8 08

PM8 08

DATE	OUTAGE TYPE(1)	HOURS	(MW) AFFECTED	DESCRIPTION
05/24/2019	PFO	0.9	112	Impact loss due to curtailment on 8A
06/02/2019	PFO	1.6	373	RSD
06/02/2019	FFO	3.3	197	PMR 8A Forced Outage - Atomizing Air System Air Leaks
06/02/2019	PFO	1.7	43	PMR 8C Partial Forced Outage - Steam System Upset After 8/
06/02/2019	FFO	2.5	197	PMR 8D Forced Outage - Low HP Drum Level Due to 8A Trip
06/03/2019	FFO	7.2	197	PMR 8A Forced Outage - Atomizing Air Inlet Bellows Failure
06/03/2019	PFO	7.2	112	Impact loss due to curtailment on 8A
06/17/2019	FMO	32.6	197	PMR 8C Event MOF - HRSG Economizer Tube Leak Repair
06/17/2019	PMO	32.6	112	Impact loss due to curtailment on 8C
06/26/2019	FFO	15.3	197	PMR 8B Forced Outage - CT Purge Air Flex Hose Failure
06/26/2019	PFO	15.3	112	Impact loss due to curtailment on 8B
06/28/2019	FMO	0.3	448	PMR 8ST Task MOF - Steam Turbine Transmission Relay Sett
06/28/2019	FMO	60.7	197	PMR 8D Event MOF - HRSG Tube Leaks and Atomizing Air Cc
06/28/2019	PMO	60.7	112	Impact loss due to curtailment on 8D
07/08/2019	FMO	88.6	197	PMR 8A Event MOF - HRSG Preheater Tube Leaks & CT Purg
07/08/2019	PMO	88.6	112	Impact loss due to curtailment on 8A
07/23/2019	FMO	49.5	197	PMR 8B Task MOF - 8B CT Nozzle Inspection
07/23/2019	PMO	49.5	112	Impact loss due to curtailment on 8B
07/25/2019	FMO	125.2	197	PMR 8B Event MOF Ext - Full CT Combustor Can Changeout
07/25/2019	PMO	125.2	112	Impact loss due to curtailment on 8B
07/27/2019	FFO	1.7	197	PMR 8D Start-UP Failure - Atomizing Air Compressor Low Pre:
07/27/2019	PFO	1.7	112	Impact loss due to curtailment on 8D
08/07/2019	FFO	0.7	197	PMR 8D Start-Up Failure - Incomplete Ignition
08/07/2019	PFO	0.7	112	Impact loss due to curtailment on 8D

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

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ISSUED BY: FLORIDA POWER &amp; LIGHT CO.

ACTUAL PERFORMANCE DATA  
 COMPANY: FLORIDA POWER AND LIGHT  
 From: Jan-2019 To: Dec-2019  
 PLANT / UNIT: MARTIN-UNIT 8 08 PM8 08

DATE	OUTAGE TYPE(1)	HOURS	(MW) AFFECTED	DESCRIPTION
08/10/2019	FMO	41.9	197	PMR 8B Event MOF - CT Crossfire Tube Leak Repair
08/10/2019	PMO	41.9	112	Impact loss due to curtailment on 8B
08/28/2019	FMO	35.5	197	PMR 8A Event MOF - IP Economizer Tube Leak Repair
08/28/2019	PMO	35.5	112	Impact loss due to curtailment on 8A

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

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ISSUED BY: FLORIDA POWER & LIGHT CO.

**GPIF Units**  
**Actual Performance Data (ACRONYMS) for 2019**

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
3SAR	Three Step Aged Rotor
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

**GPIF Units  
Actual Performance Data (ACRONYMS) for 2019**

ACRONYMS	DESCRIPTION
BAB36	European designation for foundation mounted cabinet. 36 is the switch # located in that cabinet
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
CCW	Closed Cooling Water
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
EHD	Enhanced Hot Day
EJ	Expansion Joint
EOC	End of cycle
EPU	Extended Power Uprate
ESGA	System code for Ft. Myers 2E HRSG
EXP	Expansion
Fa	Failed



**GPIF Units  
Actual Performance Data (ACRONYMS) for 2019**

<b>ACRONYMS</b>	<b>DESCRIPTION</b>
FCBBS	Florida Cost Based Broker System
FENA	Future Enterprise Network A
FGT	Florida Gas Transmission
FME	Foreign Material Exclusion
FMPA	Florida Municipal Power Agency
FPI	Fluorescent penetrant inspection
FPSC	Florida Public Service Commission
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
LVDT	Linear Variable Differential Transformer, essentially a positioner
MAJOR	Major Overhaul
MCC	Motor Control Center
MCF	Million cubic feet
PMG	Martin
MS	Main Steam
PMT	Manatee
MFIV	Main Feed Isolation Valve

**GPIF Units  
Actual Performance Data (ACRONYMS) for 2019**

ACRONYMS	DESCRIPTION
MF PP	Main Feed Pump
MFW	Main Feed Water
MG	Motor Generator
MMBTU	Million British Thermal Units
MOF	Maintenance Outage Factor
MOF/AA	Maintenance Outage Factor / Atomizing Air
MOV	Motorized Operating Valve
MRE	Manuel Reject
MSR	Moisture Separator Reheater
MS	Main Steam
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
OBB	Overboard bleed valve
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

**GPIF Units  
Actual Performance Data (ACRONYMS) for 2019**

<b>ACRONYMS</b>	<b>DESCRIPTION</b>
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
SFC	Static Frequency Starter
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
SUS	Secondary Unit Substation
TYSP	Ten Year Site Plan
T-Ave	Temperature Average
TCA	Turbine Cooling Air
TC or T/Cs	Thermal/Couples
TCW HX	Turbine Cooling Water Heat Exchanger
TMOF	Task MOF
TVT	Turbine Valve Testing
U1	Unit 1
U2	Unit 2
UEL	Unplanned Energy Loss
ULPM1	Ultra Lean Pre-Mix Valve # 1
UPS	Unit Power Sales Agreement
VCM1	Communication interface board for Mark 6 ovation system
Vi	Roman Numeral 6
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