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May 20, 2020

**-VIA ELECTRONIC FILING -**

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

**Re: Docket No. 20200001-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 April 2020. 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) 304-5795.

Sincerely,

*s/ Maria Jose Moncada*  
Maria Jose Moncada

Attachments

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

**CERTIFICATE OF SERVICE**

**Docket No. 20200001-EI**

I **HEREBY CERTIFY** that a true and correct copy of the foregoing has been furnished  
by electronic service on this 20th day of May 2020 to the following:

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White Springs**

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

**ACTUAL PERFORMANCE DATA**  
**COMPANY: FLORIDA POWER AND LIGHT**  
**FROM: Jan-2020 TO: Dec-2020**

		PLANT / UNIT: CAPE CANAVERAL 03										PCC 03		
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Ytd
1.	EAF (%)	99.1	100	99.2	54.2	0	0	0	0	0	0	0	0	88.2
2.	PH	744	696	743	720	0	0	0	0	0	0	0	0	2903
3.	SH	739.65	696	743	548.03	0	0	0	0	0	0	0	0	2726.68
4.	RSH	4.35	0	0	0	0	0	0	0	0	0	0	0	4.35
5.	UH	0	0	0	171.97	0	0	0	0	0	0	0	0	171.97
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	626.78	0	0	0	0	0	0	0	0	626.78
10.	LR PP (MW)	0	0	0	390.27	0	0	0	0	0	0	0	0	390.27
11.	PFOH	0	0.75	17.48	6.22	0	0	0	0	0	0	0	0	24.45
12.	LR PF (MW)	0	436.03	436.09	435.75	0	0	0	0	0	0	0	0	436
13.	PMOH	19.93	0	0	182.23	0	0	0	0	0	0	0	0	202.17
14.	LR PM (MW)	436.1	0	0	1010.05	0	0	0	0	0	0	0	0	953.42
15.	NSC	1308	1308	1308	1308	0	0	0	0	0	0	0	0	1308
16.	OPER BTU (MBTU)	4175078	4049224	4214917	2196067	0	0	0	0	0	0	0	0	14635285
17.	NET GEN	632101	615305	637856	327822	0	0	0	0	0	0	0	0	2213084
18.	ANOHR (BTU/KWH)	6605	6581	6608	6699	0	0	0	0	0	0	0	0	6613
19.	NOF (%)	65.3	67.6	65.6	45.7	0	0	0	0	0	0	0	0	62.1
20.	NPC (MW)	1308	1308	1308	1308	0	0	0	0	0	0	0	0	1308

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

NOTE: LINE 17 IS DATA WHEN THE UNIT IS SYNCRONIZED TO THE SYSTEM

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

**ACTUAL PERFORMANCE DATA**  
**COMPANY: FLORIDA POWER AND LIGHT**  
**FROM: Jan-2020 TO: Dec-2020**

		PLANT / UNIT: RIVIERA 05										PRV 05		
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Ytd
1.	EAF (%)	64.2	98.1	97	89.6	0	0	0	0	0	0	0	0	87
2.	PH	744	696	743	720	0	0	0	0	0	0	0	0	2903
3.	SH	574.9	696	743	689.03	0	0	0	0	0	0	0	0	2702.93
4.	RSH	6.77	0	0	0	0	0	0	0	0	0	0	0	6.77
5.	UH	162.33	0	0	30.97	0	0	0	0	0	0	0	0	193.3
6.	POH	0	0	0	0	0	0	0	0	0	0	0	0	0
7.	FOH	139.63	0	0	0	0	0	0	0	0	0	0	0	139.63
8.	MOH	22.7	0	0	30.97	0	0	0	0	0	0	0	0	53.67
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	17.9	0.38	0	1.48	0	0	0	0	0	0	0	0	19.77
12.	LR PF (MW)	565.5	439.8	0	245.41	0	0	0	0	0	0	0	0	538.84
13.	PMOH	260.73	38.52	66.83	124.57	0	0	0	0	0	0	0	0	490.65
14.	LR PM (MW)	483.75	435.94	436	456.61	0	0	0	0	0	0	0	0	466.6
15.	NSC	1308	1308	1308	1308	0	0	0	0	0	0	0	0	1308
16.	OPER BTU (MBTU)	2239725	3368707	3893546	3471170	0	0	0	0	0	0	0	0	12973148
17.	NET GEN	327270	511468	596688	533032	0	0	0	0	0	0	0	0	1968458
18.	ANOHR (BTU/KWH)	6844	6586	6525	6512	0	0	0	0	0	0	0	0	6591
19.	NOF (%)	43.5	56.2	61.4	59.1	0	0	0	0	0	0	0	0	55.7
20.	NPC (MW)	1308	1308	1308	1308	0	0	0	0	0	0	0	0	1308

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

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**ACTUAL PERFORMANCE DATA**  
**COMPANY: FLORIDA POWER AND LIGHT**  
**FROM: Jan-2020 TO: Dec-2020**

		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	97.1	94.4	97.3	0	0	0	0	0	0	0	0	94
2.	PH	744	696	743	720	0	0	0	0	0	0	0	0	2903
3.	SH	744	696	743	720	0	0	0	0	0	0	0	0	2903
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	83.62	0	23.35	0	0	0	0	0	0	0	0	0	106.97
12.	LR PF (MW)	403.66	0	403.66	0	0	0	0	0	0	0	0	0	403.66
13.	PMOH	195.4	59.55	101.95	58.95	0	0	0	0	0	0	0	0	415.85
14.	LR PM (MW)	403.64	403.66	403.68	403.65	0	0	0	0	0	0	0	0	403.65
15.	NSC	1211	1211	1211	1211	0	0	0	0	0	0	0	0	1211
16.	OPER BTU (MBTU)	3502494	3810881	4405127	4483651	0	0	0	0	0	0	0	0	16202152
17.	NET GEN	504347	547457	634308	647195	0	0	0	0	0	0	0	0	2333307
18.	ANOHR (BTU/KWH)	6945	6961	6945	6928	0	0	0	0	0	0	0	0	6944
19.	NOF (%)	56	65	70.5	74.2	0	0	0	0	0	0	0	0	66.4
20.	NPC (MW)	1211	1211	1211	1211	0	0	0	0	0	0	0	0	1211

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

**ACTUAL PERFORMANCE DATA**  
**COMPANY: FLORIDA POWER AND LIGHT**  
**FROM: Jan-2020 TO: Dec-2020**

		PLANT / UNIT: FORT MYERS 02										PFM 02		
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Ytd
1.	EAF (%)	95.5	71.8	90.5	91.5	0	0	0	0	0	0	0	0	87.5
2.	PH	744	696	743	720	0	0	0	0	0	0	0	0	2903
3.	SH	744	689.08	743	720	0	0	0	0	0	0	0	0	2896.08
4.	RSH	0	6.92	0	0	0	0	0	0	0	0	0	0	6.92
5.	UH	0	0	0	0	0	0	0	0	0	0	0	0	0
6.	POH	0	0	0	0	0	0	0	0	0	0	0	0	0
7.	FOH	0	0	0	0	0	0	0	0	0	0	0	0	0
8.	MOH	0	0	0	0	0	0	0	0	0	0	0	0	0
9.	PPOH	0	0	267.45	92.37	0	0	0	0	0	0	0	0	359.82
10.	LR PP (MW)	0	0	288.53	284.17	0	0	0	0	0	0	0	0	287.41
11.	PFOH	99.65	0.92	7.65	57.28	0	0	0	0	0	0	0	0	165.5
12.	LR PF (MW)	158.03	191.8	288.39	288.55	0	0	0	0	0	0	0	0	209.42
13.	PMOH	145.45	522.45	218.5	161.28	0	0	0	0	0	0	0	0	1047.68
14.	LR PM (MW)	288.52	650.54	196.11	393.25	0	0	0	0	0	0	0	0	465.9
15.	NSC	1730	1730	1730	1730	0	0	0	0	0	0	0	0	1730
16.	OPER BTU (MBTU)	4863576	4158685	5720092	5696479	0	0	0	0	0	0	0	0	20438832
17.	NET GEN	679666	541017	799871	804689	0	0	0	0	0	0	0	0	2825243
18.	ANOHR (BTU/KWH)	7156	7687	7151	7079	0	0	0	0	0	0	0	0	7234
19.	NOF (%)	52.8	45.4	62.2	64.6	0	0	0	0	0	0	0	0	56.4
20.	NPC (MW)	1730	1730	1730	1730	0	0	0	0	0	0	0	0	1730

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

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**ACTUAL PERFORMANCE DATA**  
**COMPANY: FLORIDA POWER AND LIGHT**  
**FROM: Jan-2020 TO: Dec-2020**

		PLANT / UNIT: ST LUCIE 01 PSL 01												
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Ytd
1.	EAF (%)	100	99.6	100	100	0	0	0	0	0	0	0	0	99.9
2.	PH	744	696	743	720	0	0	0	0	0	0	0	0	2903
3.	SH	744	696	743	720	0	0	0	0	0	0	0	0	2903
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	33.23	0	0	0	0	0	0	0	0	0	0	33.23
12.	LR PF (MW)	0	78.83	0	0	0	0	0	0	0	0	0	0	78.83
13.	PMOH	0	0	0	0	0	0	0	0	0	0	0	0	0
14.	LR PM (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0
15.	NSC	981	981	981	981	0	0	0	0	0	0	0	0	981
16.	OPER BTU (MBTU)	7661700	7138478	7649100	7412668	0	0	0	0	0	0	0	0	29861946
17.	NET GEN	747530	696469	744820	720767	0	0	0	0	0	0	0	0	2909586
18.	ANOHR (BTU/KWH)	10249	10250	10270	10284	0	0	0	0	0	0	0	0	10263
19.	NOF (%)	102.4	102	102.2	102	0	0	0	0	0	0	0	0	102.2
20.	NPC (MW)	981	981	981	981	0	0	0	0	0	0	0	0	981

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



**ACTUAL PERFORMANCE DATA**  
**COMPANY: FLORIDA POWER AND LIGHT**  
**FROM: Jan-2020 TO: Dec-2020**

		PLANT / UNIT: ST LUCIE 02 PSL 02												
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Ytd
1.	EAF (%)	100	54	39	100	0	0	0	0	0	0	0	0	73.3
2.	PH	744	696	743	720	0	0	0	0	0	0	0	0	2903
3.	SH	744	384	306.73	720	0	0	0	0	0	0	0	0	2154.73
4.	RSH	0	0	0	0	0	0	0	0	0	0	0	0	0
5.	UH	0	312	436.27	0	0	0	0	0	0	0	0	0	748.27
6.	POH	0	312	383	0	0	0	0	0	0	0	0	0	695
7.	FOH	0	0	53.27	0	0	0	0	0	0	0	0	0	53.27
8.	MOH	0	0	0	0	0	0	0	0	0	0	0	0	0
9.	PPOH	0	27.03	42.07	0	0	0	0	0	0	0	0	0	69.1
10.	LR PP (MW)	0	305.31	405.94	0	0	0	0	0	0	0	0	0	366.57
11.	PFOH	0	0	0	0	0	0	0	0	0	0	0	0	0
12.	LR PF (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0
13.	PMOH	0	0	0	0	0	0	0	0	0	0	0	0	0
14.	LR PM (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0
15.	NSC	987	987	987	987	0	0	0	0	0	0	0	0	987
16.	OPER BTU (MBTU)	7652423	3862897	2974824	7416280	0	0	0	0	0	0	0	0	21906423
17.	NET GEN	757928	381105	292040	732592	0	0	0	0	0	0	0	0	2163665
18.	ANOHR (BTU/KWH)	10097	10136	10186	10123	0	0	0	0	0	0	0	0	10125
19.	NOF (%)	103.2	100.6	96.5	103.1	0	0	0	0	0	0	0	0	101.7
20.	NPC (MW)	987	987	987	987	0	0	0	0	0	0	0	0	987

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

NOTE: LINE 17 IS DATA WHEN THE UNIT IS SYNCHRONIZED TO THE SYSTEM

**ACTUAL PERFORMANCE DATA**  
**COMPANY: FLORIDA POWER AND LIGHT**  
**FROM: Jan-2020 TO: Dec-2020**

		PLANT / UNIT: TURKEY POINT 03										PTN 03		
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Ytd
1.	EAF (%)	99.9	100	91.2	14.3	0	0	0	0	0	0	0	0	76.5
2.	PH	744	696	743	720	0	0	0	0	0	0	0	0	2903
3.	SH	744	696	695	134.98	0	0	0	0	0	0	0	0	2269.98
4.	RSH	0	0	0	0	0	0	0	0	0	0	0	0	0
5.	UH	0	0	48	585.02	0	0	0	0	0	0	0	0	633.02
6.	POH	0	0	48	585.02	0	0	0	0	0	0	0	0	633.02
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	0	0	27.98	88.35	0	0	0	0	0	0	0	0	116.33
10.	LR PP (MW)	0	0	509.22	300.96	0	0	0	0	0	0	0	0	351.05
11.	PFOH	17.33	0	0	0	0	0	0	0	0	0	0	0	17.33
12.	LR PF (MW)	35.81	0	0	0	0	0	0	0	0	0	0	0	35.81
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	0	0	0	0	0	0	0	0	837
16.	OPER BTU (MBTU)	6693759	6274014	6069494	947062	0	0	0	0	0	0	0	0	19984328
17.	NET GEN	649335	605959	579273	88509	0	0	0	0	0	0	0	0	1923076
18.	ANOHR (BTU/KWH)	10309	10354	10478	10700	0	0	0	0	0	0	0	0	10392
19.	NOF (%)	104.3	104	99.6	78.3	0	0	0	0	0	0	0	0	101.2
20.	NPC (MW)	837	837	837	837	0	0	0	0	0	0	0	0	837

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

NOTE: LINE 17 IS DATA WHEN THE UNIT IS SYNCRONIZED TO THE SYSTEM

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**ACTUAL PERFORMANCE DATA**  
**COMPANY: FLORIDA POWER AND LIGHT**  
**FROM: Jan-2020 TO: Dec-2020**

		PLANT / UNIT: TURKEY POINT 04										PTN 04		
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Ytd
1.	EAF (%)	100	99.8	100	100	0	0	0	0	0	0	0	0	99.9
2.	PH	744	696	743	720	0	0	0	0	0	0	0	0	2903
3.	SH	744	696	743	720	0	0	0	0	0	0	0	0	2903
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	12.9	0	0	0	0	0	0	0	0	0	0	12.9
12.	LR PF (MW)	0	93.8	0	0	0	0	0	0	0	0	0	0	93.8
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	0	0	0	0	0	0	0	0	821
16.	OPER BTU (MBTU)	6706861	6260002	6697239	6490286	0	0	0	0	0	0	0	0	26154388
17.	NET GEN	630568	585369	622605	600453	0	0	0	0	0	0	0	0	2438994
18.	ANOHR (BTU/KWH)	10636	10694	10757	10809	0	0	0	0	0	0	0	0	10723
19.	NOF (%)	103.2	102.4	102.1	101.6	0	0	0	0	0	0	0	0	102.3
20.	NPC (MW)	821	821	821	821	0	0	0	0	0	0	0	0	821

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

NOTE: LINE 17 IS DATA WHEN THE UNIT IS SYNCRONIZED TO THE SYSTEM

**ACTUAL PERFORMANCE DATA**  
**COMPANY: FLORIDA POWER AND LIGHT**  
**FROM: Jan-2020 TO: Dec-2020**

		PLANT / UNIT: WEST COUNTY ENER 01										PWC 01		
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Ytd
1.	EAF (%)	89.2	96.9	78.3	97.7	0	0	0	0	0	0	0	0	90.3
2.	PH	744	696	743	720	0	0	0	0	0	0	0	0	2903
3.	SH	744	696	743	720	0	0	0	0	0	0	0	0	2903
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	477.25	0	0	0	0	0	0	0	0	0	477.25
10.	LR PP (MW)	0	0	407.65	0	0	0	0	0	0	0	0	0	407.65
11.	PFOH	2.63	21.57	6.9	38.45	0	0	0	0	0	0	0	0	69.55
12.	LR PF (MW)	408.21	395.39	407.65	407.69	0	0	0	0	0	0	0	0	403.89
13.	PMOH	238.13	44.67	0	11.52	0	0	0	0	0	0	0	0	294.32
14.	LR PM (MW)	407.67	407.61	0	407.53	0	0	0	0	0	0	0	0	407.66
15.	NSC	1223	1223	1223	1223	0	0	0	0	0	0	0	0	1223
16.	OPER BTU (MBTU)	3499193	3807559	3973035	4564531	0	0	0	0	0	0	0	0	15844317
17.	NET GEN	481085	542822	561996	648552	0	0	0	0	0	0	0	0	2234455
18.	ANOHR (BTU/KWH)	7274	7014	7070	7038	0	0	0	0	0	0	0	0	7091
19.	NOF (%)	52.9	63.8	61.8	73.7	0	0	0	0	0	0	0	0	62.9
20.	NPC (MW)	1223	1223	1223	1223	0	0	0	0	0	0	0	0	1223
21.	ANOHR EQUATION	ANOHR = A + B (N.O.F.) A = 0 B = 0												

NOTE: LINE 17 IS DATA WHEN THE UNIT IS SYNCRONIZED TO THE SYSTEM

**ACTUAL PERFORMANCE DATA**  
**COMPANY: FLORIDA POWER AND LIGHT**  
**FROM: Jan-2020 TO: Dec-2020**

		PLANT / UNIT: WEST COUNTY ENER 02										PWC 02		
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Ytd
1.	EAF (%)	97.8	97.9	98.7	95	0	0	0	0	0	0	0	0	97.3
2.	PH	744	696	743	720	0	0	0	0	0	0	0	0	2903
3.	SH	744	696	743	708.65	0	0	0	0	0	0	0	0	2891.65
4.	RSH	0	0	0	0	0	0	0	0	0	0	0	0	0
5.	UH	0	0	0	11.35	0	0	0	0	0	0	0	0	11.35
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	11.35	0	0	0	0	0	0	0	0	11.35
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	50.12	51.08	0	4.68	0	0	0	0	0	0	0	0	105.88
12.	LR PF (MW)	407.67	150.8	0	407.94	0	0	0	0	0	0	0	0	283.76
13.	PMOH	0	25.07	28.5	67.95	0	0	0	0	0	0	0	0	121.52
14.	LR PM (MW)	0	407.58	407.64	421.64	0	0	0	0	0	0	0	0	415.46
15.	NSC	1223	1223	1223	1223	0	0	0	0	0	0	0	0	1223
16.	OPER BTU (MBTU)	3594731	3834435	4680580	4384389	0	0	0	0	0	0	0	0	16494135
17.	NET GEN	516562	551968	680720	637961	0	0	0	0	0	0	0	0	2387211
18.	ANOHR (BTU/KWH)	6959	6947	6876	6873	0	0	0	0	0	0	0	0	6909
19.	NOF (%)	56.8	64.8	74.9	73.6	0	0	0	0	0	0	0	0	67.5
20.	NPC (MW)	1223	1223	1223	1223	0	0	0	0	0	0	0	0	1223

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

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**ACTUAL PERFORMANCE DATA**  
**COMPANY: FLORIDA POWER AND LIGHT**  
**FROM: Jan-2020 TO: Dec-2020**

		PLANT / UNIT: MANATEE UNIT 3 CC 03										PM3 03		
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Ytd
1.	EAF (%)	74.1	99.8	99.9	97.4	0	0	0	0	0	0	0	0	92.6
2.	PH	744	696	743	720	0	0	0	0	0	0	0	0	2903
3.	SH	576.22	696	743	720	0	0	0	0	0	0	0	0	2735.22
4.	RSH	0	0	0	0	0	0	0	0	0	0	0	0	0
5.	UH	167.78	0	0	0	0	0	0	0	0	0	0	0	167.78
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	167.78	0	0	0	0	0	0	0	0	0	0	0	167.78
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	0.2	5.12	2.92	24.33	0	0	0	0	0	0	0	0	32.57
12.	LR PF (MW)	305.75	305.55	305.4	305.79	0	0	0	0	0	0	0	0	305.72
13.	PMOH	61.53	0	0	49.2	0	0	0	0	0	0	0	0	110.73
14.	LR PM (MW)	500.99	0	0	305.75	0	0	0	0	0	0	0	0	414.24
15.	NSC	1223	1223	1223	1223	0	0	0	0	0	0	0	0	1223
16.	OPER BTU (MBTU)	2718473	3960143	4660041	4558955	0	0	0	0	0	0	0	0	15897612
17.	NET GEN	396402	582043	659727	639218	0	0	0	0	0	0	0	0	2277390
18.	ANOHR (BTU/KWH)	6858	6804	7064	7132	0	0	0	0	0	0	0	0	6981
19.	NOF (%)	56.2	68.4	72.6	72.6	0	0	0	0	0	0	0	0	68.1
20.	NPC (MW)	1223	1223	1223	1223	0	0	0	0	0	0	0	0	1223

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

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**ACTUAL PERFORMANCE DATA**  
**COMPANY: FLORIDA POWER AND LIGHT**  
**FROM: Jan-2020 TO: Dec-2020**

		PLANT / UNIT: MARTIN-UNIT 8 08										PM8 08		
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Ytd
1.	EAF (%)	96.3	62.7	95.7	95.2	0	0	0	0	0	0	0	0	87.8
2.	PH	744	696	743	720	0	0	0	0	0	0	0	0	2903
3.	SH	744	555.4	743	720	0	0	0	0	0	0	0	0	2762.4
4.	RSH	0	0	0	0	0	0	0	0	0	0	0	0	0
5.	UH	0	140.6	0	0	0	0	0	0	0	0	0	0	140.6
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	140.6	0	0	0	0	0	0	0	0	0	0	140.6
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	27.28	0	36.97	0	0	0	0	0	0	0	0	0	64.25
12.	LR PF (MW)	79.51	0	131.52	0	0	0	0	0	0	0	0	0	109.44
13.	PMOH	103.88	247.75	111.37	116.17	0	0	0	0	0	0	0	0	579.17
14.	LR PM (MW)	304.51	583.51	304.49	360.8	0	0	0	0	0	0	0	0	435.14
15.	NSC	1218	1218	1218	1218	0	0	0	0	0	0	0	0	1218
16.	OPER BTU (MBTU)	3763383	2518612	4233420	4039622	0	0	0	0	0	0	0	0	14555037
17.	NET GEN	527767	345756	605372	572485	0	0	0	0	0	0	0	0	2051380
18.	ANOHR (BTU/KWH)	7131	7284	6993	7056	0	0	0	0	0	0	0	0	7095
19.	NOF (%)	58.2	51.1	66.9	65.3	0	0	0	0	0	0	0	0	61
20.	NPC (MW)	1218	1218	1218	1218	0	0	0	0	0	0	0	0	1218
21.	ANOHR EQUATION	ANOHR = A + B (N.O.F.) A = 0 B = 0												

NOTE: LINE 17 IS DATA WHEN THE UNIT IS SYNCRONIZED TO THE SYSTEM

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ISSUED BY: FLORIDA POWER & LIGHT CO.

**ACTUAL PERFORMANCE DATA**  
**COMPANY: FLORIDA POWER AND LIGHT**  
**From: Jan-2020 To: Dec-2020**

**PLANT / UNIT: CAPE CANAVERAL 03 PCC 03**

DATE	OUTAGE TYPE(1)	HOURS	(MW) AFFECTED	DESCRIPTION
01/09/2020	FMO	19.9	275	3-3 SNO Exhaust leak in CT Compartment
01/09/2020	PMO	19.9	161.03	Impact loss due to curtailment on 33
02/15/2020	FFO	0.8	275	3-3 HCO Trip
02/15/2020	PFO	0.8	161.03	Impact loss due to curtailment on 33
03/13/2020	FFO	8.7	275	PCC 3-3 EFOR Startup failure - loss of SFC Breaker
03/13/2020	PFO	8.7	161.03	Impact loss due to curtailment on 33
03/17/2020	FFO	4.2	275	PCC 3-2 EFOR Startup Failure - Pilot Stage ESV Failed to Open
03/17/2020	PFO	4.2	160.98	Impact loss due to curtailment on 32
03/18/2020	FFO	3.3	275	PCC 3-2 EFOR Startup Failure - Pilot Stage ESV Failed to Open
03/18/2020	PFO	3.3	160.98	Impact loss due to curtailment on 32
03/25/2020	FFO	1.3	275	PCC 3-2 EFOR Startup Failure - Pilot Stage ESV Failed to Open
03/25/2020	PFO	1.3	160.98	Impact loss due to curtailment on 32
04/04/2020	FFO	3.7	275	PCC 3-2 EFOR Failed Startup - Pilot Valve ESV failed to open
04/04/2020	PFO	3.7	160.98	Impact loss due to curtailment on 32
04/04/2020	FPO	626.8	275	PCC 3-1 Project 39306 2020-CT-CI-MAJOR - ROLL-OUT/ROL
04/04/2020	PPO	448.8	160.98	Impact loss due to curtailment on 31
04/15/2020	FMO	182.2	275	3-3 SNOW Replace Cond Pump Motor
04/15/2020	PMO	4.2	161.03	Impact loss due to curtailment on 33
04/15/2020	FMO	178.0	483	3-0 SNOW Replace Cond Pump Motor
04/15/2020	FMO	172.0	275	3-2 SNOW Replace Cond Pump Motor
04/26/2020	FFO	2.5	275	PCC 3-2 EFOR Failed Startup - Pilot Valve ESV failed to open
04/26/2020	PFO	2.5	160.98	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.:



**ACTUAL PERFORMANCE DATA**  
**COMPANY: FLORIDA POWER AND LIGHT**  
**From: Jan-2020 To: Dec-2020**

**PLANT / UNIT: RIVIERA 05 PRV 05**

DATE	OUTAGE TYPE(1)	HOURS	(MW) AFFECTED	DESCRIPTION
01/05/2020	FFO	2.5	275	CT 53 Startup failure, GV2 valve failed to open
01/05/2020	PFO	2.5	161.03	Impact loss due to curtailment on 53
01/06/2020	FFO	3.8	483	PRV ST, OMC EFOR, Loss of gas Pipeline
01/06/2020	PFO	0.7	161.03	Impact loss due to curtailment on 53
01/06/2020	FFO	141.3	275	CT 53, OMC EFOR, loss of Fuel gas
01/06/2020	PFO	0.7	160.98	Impact loss due to curtailment on 52
01/06/2020	FFO	141.3	275	CT 52, OMC EFOR, Loss of Fuel gas
01/06/2020	FFO	140.6	483	PRV ST, OMC Forced Outage, Loss of Fuel Gas to site
01/06/2020	FFO	139.6	275	CT 51, OMC EFOR, loss of fuel gas
01/12/2020	FMO	22.7	275	CT 52 MOF, Condenser Tube Cleaning
01/12/2020	FMO	31.0	483	PRV ST, MOF, Condenser Tube Cleaning
01/12/2020	FMO	51.6	275	CT 53 MOF, Condenser Tube Cleaning
01/12/2020	FMO	76.2	275	CT 51 MOF, Exhaust bearing Lube Oil Leak / Condenser Cleanin
01/13/2020	PMO	20.6	161.03	Impact loss due to curtailment on 53
01/13/2020	PMO	45.2	160.98	Impact loss due to curtailment on 51
01/15/2020	FMO	41.2	275	CT 52 MOF, Fuel Oil Commisioning
01/15/2020	PMO	41.2	160.98	Impact loss due to curtailment on 52
01/17/2020	FMO	6.6	275	CT 52 MOF, Liquid Fuel Tuning
01/17/2020	PMO	6.6	160.98	Impact loss due to curtailment on 52
01/17/2020	FMO	11.4	275	CT 52 MOF, Liquid Fuel tuning
01/17/2020	PMO	2.3	160.98	Impact loss due to curtailment on 52
01/17/2020	FFO	3.0	275	CT 53, Forced Outage, Compressor Bleed Valve 1.1 failed ope
01/17/2020	FFO	9.1	483	PRV ST Forced Outage, Due to 53 Compressor Bleed Valve Fa
01/18/2020	FMO	19.4	275	CT 52 MOF, Liquid Fuel Tuning

- (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-2020 To: Dec-2020**

**PLANT / UNIT: RIVIERA 05 PRV 05**

DATE	OUTAGE TYPE(1)	HOURS	(MW) AFFECTED	DESCRIPTION
01/18/2020	PMO	19.4	160.98	Impact loss due to curtailment on 52
01/19/2020	FMO	0.7	275	CT 52 MOF, Liquid Fuel Tuning
01/19/2020	PMO	0.7	160.98	Impact loss due to curtailment on 52
01/19/2020	FMO	12.5	275	CT 52 MOF, Liquid Fuel Tuning
01/19/2020	PMO	12.5	160.98	Impact loss due to curtailment on 52
01/20/2020	FMO	0.6	275	CT 52 MOF, Liquid Fuel Tuning
01/20/2020	PMO	0.6	160.98	Impact loss due to curtailment on 52
01/20/2020	FMO	37.2	275	CT 52 MOF, Liquid fuel tuning
01/20/2020	PMO	37.2	160.98	Impact loss due to curtailment on 52
01/22/2020	FMO	77.6	275	CT 52 Maintenance Outage, HRSG tube leaks
01/22/2020	PMO	77.6	160.98	Impact loss due to curtailment on 52
01/26/2020	FFO	0.9	275	CT 53 Start-up Failure, gas flow detected during purge
01/26/2020	PFO	0.9	161.03	Impact loss due to curtailment on 53
02/17/2020	FFO	0.4	275	52 EFOR Start Up Failure Fuel Gas Valve Not Opened
02/17/2020	PFO	0.4	160.98	Impact loss due to curtailment on 52
02/28/2020	FMO	69.9	275	CT 52 Maintenance Outage, Water Purge Line Repair
02/28/2020	PMO	69.9	160.98	Impact loss due to curtailment on 52
03/09/2020	FMO	35.5	275	51 Maintenance Outage - Auto Start-up Shut-down Logic Imple
03/09/2020	PMO	35.5	160.98	Impact loss due to curtailment on 51
04/03/2020	FMO	49.5	275	CT 53 SNOW, Repair HP FW Regulator Valve
04/03/2020	PMO	49.5	161.03	Impact loss due to curtailment on 53
04/07/2020	FMO	0.6	275	CT 52 MOF, Liquid Fuel Testing
04/07/2020	PMO	0.6	160.98	Impact loss due to curtailment on 52
04/10/2020	FMO	40.0	275	CT 51 MOF, Block SNOW HP Blending Isolation 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-2020 To: Dec-2020**

**PLANT / UNIT: RIVIERA 05 PRV 05**

DATE	OUTAGE TYPE(1)	HOURS	(MW) AFFECTED	DESCRIPTION
04/10/2020	PMO	4.2	160.98	Impact loss due to curtailment on 51
04/10/2020	PMO	0.9	160.98	Impact loss due to curtailment on 52
04/10/2020	FMO	34.1	275	CT 52 MOF, Block SNOW HP Blending Isolation Valve
04/10/2020	FMO	35.8	483	ST 50 MOF, Block SNOW HP Blending Isolation Valve
04/10/2020	FMO	31.0	275	CT 53 MOF, Block SNOW HP Blending Isolation Valve
04/13/2020	FFO	0.6	275	CT 53 EFOR, Fuel Gas Double Block and Bleed Trip
04/13/2020	PFO	0.6	161.03	Impact loss due to curtailment on 53
04/13/2020	PFO	0.9	115	CT 53 EFOR, MS to CRH Bypass Fail to Open
04/26/2020	FMO	65.4	275	CT 51 SNOW, HP DSH Spray Control Valve Stem & Plug Repz
04/26/2020	PMO	65.4	160.98	Impact loss due to curtailment on 51

- (1) FFO - FULL FORCED OUTAGE
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- 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-2020****To: Dec-2020****PLANT / UNIT: WEST COUNTY ENERGY 03****PWC 03**

DATE	OUTAGE TYPE(1)	HOURS	(MW) AFFECTED	DESCRIPTION
01/01/2020	FFO	5.7	247	PWC 3A EFOR / Full Forced - CPFM Trip
01/01/2020	PFO	5.7	156.64	Impact loss due to curtailment on 3A
01/04/2020	FFO	14.0	247	PWC 3C EFOR / Start-up Failure - Unable to Sync to Grid
01/04/2020	PFO	14.0	156.68	Impact loss due to curtailment on 3C
01/05/2020	FFO	1.9	247	PWC 3C EFOR / Full Forced - High CPFM Trip
01/05/2020	PFO	1.9	156.68	Impact loss due to curtailment on 3C
01/09/2020	FMO	118.1	247	PWC 3B Event MOF - HRSG Tube Leak
01/09/2020	PMO	118.1	156.64	Impact loss due to curtailment on 3B
01/09/2020	FFO	59.8	247	PWC 3C EFOR / Full Forced - U3 Condenser Tube Leak
01/09/2020	PFO	59.8	156.68	Impact loss due to curtailment on 3C
01/23/2020	FMO	77.3	247	PWC 3A Event MOF - Generator Breaker Relays
01/23/2020	PMO	77.3	156.64	Impact loss due to curtailment on 3A
01/27/2020	FFO	2.3	247	PWC 3A EFOR / Full Forced - Reverse Power Trip
01/27/2020	PFO	2.3	156.64	Impact loss due to curtailment on 3A
02/14/2020	FMO	35.5	247	PWC 3A Event MOF - SF6 Density Monitor Failure
02/14/2020	PMO	35.5	156.64	Impact loss due to curtailment on 3A
02/20/2020	FMO	24.1	247	PWC 3C Event MOF - CEMS Transformer
02/20/2020	PMO	24.1	156.68	Impact loss due to curtailment on 3C
03/07/2020	FMO	38.6	247	PWC 3A Event MOF - HRSG HP Drum Door Leak
03/07/2020	PMO	38.6	156.65	Impact loss due to curtailment on 3A
03/08/2020	FFO	4.4	247	PWC 3C EFOR / Start-up Failure - BFP Tripped
03/08/2020	PFO	4.4	156.69	Impact loss due to curtailment on 3C
03/13/2020	FMO	63.4	247	PWC 3C Event MOF - HRH Crack
03/13/2020	PMO	63.4	156.7	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-2020**

**To: Dec-2020**

**PLANT / UNIT: WEST COUNTY ENERGY 03**

**PWC 03**

<b>DATE</b>	<b>OUTAGE TYPE(1)</b>	<b>HOURS</b>	<b>(MW) AFFECTED</b>	<b>DESCRIPTION</b>
03/28/2020	FFO	4.5	247	PWC 3B EFOR / Full Forced - MP Bleed Valve Failed Open
03/28/2020	PFO	4.5	156.65	Impact loss due to curtailment on 3B
03/30/2020	FFO	14.5	247	PWC 3B EFOR / Start-up Failure - CT Fuel Gas Low Flow
03/30/2020	PFO	14.5	156.65	Impact loss due to curtailment on 3B
04/15/2020	FMO	59.0	247	PWC 3A Event MOF - SCR Cleanning
04/15/2020	PMO	59.0	156.65	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-2020 To: Dec-2020**

**PLANT / UNIT: FORT MYERS 02 PFM 02**

DATE	OUTAGE TYPE(1)	HOURS	(MW) AFFECTED	DESCRIPTION
01/06/2020	FFO	5.3	192.5	PFM 2C EFOR MS to CRH Attemperator Issues
01/06/2020	PFO	5.3	72.64	Impact loss due to curtailment on 2C
01/06/2020	PFO	5.3	23.38	Impact loss due to curtailment on 2C
01/10/2020	FMO	21.6	192.5	PFM 2C Event MOF - Repair HP to CRH Spray Block Valve
01/10/2020	PMO	21.6	72.64	Impact loss due to curtailment on 2C
01/10/2020	PMO	21.6	23.38	Impact loss due to curtailment on 2C
01/16/2020	FFO	87.6	140	PFM ST1 EFOR DC Lube Oil Pump Motor Ground
01/22/2020	FMO	43.0	192.5	PFM 2A Event MOF - Clean BFP Suction Strainers
01/22/2020	PMO	43.0	72.64	Impact loss due to curtailment on 2A
01/22/2020	PMO	43.0	23.38	Impact loss due to curtailment on 2A
01/28/2020	FMO	53.4	192.5	PFM 2A Event MOF - Gas Fire Heater Delete
01/28/2020	PMO	53.4	72.64	Impact loss due to curtailment on 2A
01/28/2020	PMO	53.4	23.38	Impact loss due to curtailment on 2A
01/30/2020	FFO	6.8	192.5	PFM 2B EFOR Fire Protection Release Zone #1
01/30/2020	PFO	6.8	72.64	Impact loss due to curtailment on 2B
01/30/2020	PFO	6.8	23.38	Impact loss due to curtailment on 2B
01/30/2020	FMO	34.5	192.5	PFM 2F Event MOF - Fire Dectecion Sensor Repair
01/30/2020	PMO	34.5	72.64	Impact loss due to curtailment on 2F
01/30/2020	PMO	34.5	23.38	Impact loss due to curtailment on 2F
02/04/2020	FMO	47.6	192.5	PFM 2C Event MOF- Replace CSGG-ABV-13
02/04/2020	PMO	47.6	72.64	Impact loss due to curtailment on 2C
02/04/2020	PMO	47.6	23.38	Impact loss due to curtailment on 2C
02/06/2020	FMO	75.2	192.5	PFM 2E Task MOF - Blanking Plate Outage
02/06/2020	PMO	75.2	72.64	Impact loss due to curtailment on 2E

- (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:  
 SUSPENDED:  
 EFFECTIVE:  
 DOCKET NO.:  
 ORDER NO.:

**ACTUAL PERFORMANCE DATA**  
**COMPANY: FLORIDA POWER AND LIGHT**  
**From: Jan-2020 To: Dec-2020**

**PLANT / UNIT: FORT MYERS 02 PFM 02**

DATE	OUTAGE TYPE(1)	HOURS	(MW) AFFECTED	DESCRIPTION
02/06/2020	PMO	75.2	23.38	Impact loss due to curtailment on 2E
02/07/2020	FMO	78.8	192.5	PFM 2F Task MOF - Blanking Plate Outage
02/07/2020	PMO	78.8	72.64	Impact loss due to curtailment on 2F
02/07/2020	PMO	78.8	23.38	Impact loss due to curtailment on 2F
02/13/2020	FMO	579.4	140	PFM ST1 Task MOF - Generator Bearing Work
02/14/2020	FMO	182.7	435	PFM ST2 Task MOF - Condenser Plug Removal
02/14/2020	FMO	174.0	192.5	PFM 2A Task MOF - Annual Reliability Outage
02/14/2020	FMO	172.1	192.5	PFM 2C Task MOF - Annual Reliability Outage
02/14/2020	FMO	179.6	192.5	PFM 2B Task MOF - Offline in Support of ST Outage
02/14/2020	FMO	171.7	192.5	PFM 2D Task MOF - Unit Offline in Support of ST Outage
02/21/2020	FFO	0.9	192.5	PFM 2C EFOR Due to BFP Trip
02/28/2020	FMO	60.0	192.5	PFM 2E Event MOF - Boroscope Inspection
02/28/2020	PMO	49.8	72.65	Impact loss due to curtailment on 2E
02/29/2020	PMO	1.1	72.65	Impact loss due to curtailment on 2A
02/29/2020	FMO	6.3	192.5	PFM 2A Event MOF - Replace Drop 1 Controller
02/29/2020	FMO	10.2	435	PFM ST2 Event MOF - Repair ACV 11
03/14/2020	FFO	7.6	192.5	PFM 2A EFOR 89SS Issues
03/14/2020	PFO	7.6	72.65	Impact loss due to curtailment on 2A
03/14/2020	PFO	7.6	23.38	Impact loss due to curtailment on 2A
03/20/2020	FPO	337.8	192.5	PFM 2E POF - Planned Generator Minor Outage
03/20/2020	PPO	337.8	72.65	Impact loss due to curtailment on 2E
03/20/2020	PPO	320.7	23.38	Impact loss due to curtailment on 2E
03/23/2020	FMO	23.6	192.5	PFM 2C Event MOF - 89ND Limit Switch Repair
03/23/2020	PMO	23.6	72.65	Impact loss due to curtailment on 2C

- (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-2020 To: Dec-2020**

**PLANT / UNIT: FORT MYERS 02 PFM 02**

DATE	OUTAGE TYPE(1)	HOURS	(MW) AFFECTED	DESCRIPTION
03/23/2020	PMO	23.6	23.38	Impact loss due to curtailment on 2C
03/26/2020	PFO	0.1	176.5	PFM 2C EFOR Runback Due to BFP Trip
03/26/2020	PFO	0.1	72.65	Impact loss due to curtailment on 2C
03/26/2020	PFO	0.1	23.38	Impact loss due to curtailment on 2C
04/02/2020	FMO	17.2	140	PFM ST1 Event MOF - LO System Pressure Adjustment
04/03/2020	FPO	22.0	192.5	PFM 2E POF Extension - Tuning
04/03/2020	PPO	22.0	72.65	Impact loss due to curtailment on 2E
04/03/2020	PPO	22.0	23.38	Impact loss due to curtailment on 2E
04/04/2020	FFO	7.5	192.5	PFM 2E EFOR ABV-13 Failure
04/04/2020	PFO	7.5	72.65	Impact loss due to curtailment on 2E
04/04/2020	PFO	7.5	23.38	Impact loss due to curtailment on 2E
04/11/2020	FMO	28.8	192.5	PFM 2E Event MOF - Replace ESGG-ABV-13
04/11/2020	PMO	28.8	72.65	Impact loss due to curtailment on 2E
04/11/2020	PMO	28.8	23.38	Impact loss due to curtailment on 2E
04/14/2020	FFO	1.3	192.5	PFM 2E EFOR #2 Hydraulic Pump Issues
04/14/2020	PFO	1.3	72.65	Impact loss due to curtailment on 2E
04/14/2020	PFO	1.3	23.38	Impact loss due to curtailment on 2E
04/15/2020	FMO	39.3	192.5	PFM 2B Event MOF - Combustion Can Replacement
04/15/2020	PMO	39.3	72.65	Impact loss due to curtailment on 2B
04/15/2020	PMO	39.3	23.38	Impact loss due to curtailment on 2B
04/22/2020	FFO	44.6	192.5	PFM 2C CT EFOR LD Tunnel High Temp Trip
04/22/2020	PFO	44.6	72.65	Impact loss due to curtailment on 2C
04/22/2020	PFO	44.6	23.38	Impact loss due to curtailment on 2C
04/24/2020	FFO	3.9	192.5	PFM 2C EFOR HP Level Control Valve Issues

- (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:**  
**SUSPENDED:**  
**EFFECTIVE:**  
**DOCKET NO.:**  
**ORDER NO.:**



**ACTUAL PERFORMANCE DATA**  
**COMPANY: FLORIDA POWER AND LIGHT**  
**From: Jan-2020 To: Dec-2020**

**PLANT / UNIT: FORT MYERS 02 PFM 02**

DATE	OUTAGE TYPE(1)	HOURS	(MW) AFFECTED	DESCRIPTION
04/24/2020	PFO	3.9	72.65	Impact loss due to curtailment on 2C
04/24/2020	PFO	3.9	23.38	Impact loss due to curtailment on 2C
04/27/2020	FMO	23.3	192.5	PFM 2B Event MOF - Fire Protection Repairs
04/27/2020	PMO	23.3	72.65	Impact loss due to curtailment on 2B
04/27/2020	PMO	23.3	23.38	Impact loss due to curtailment on 2B
04/27/2020	FMO	71.4	192.5	PFM 2F Event MOF - Repair HRSG tube leak
04/27/2020	PMO	71.4	72.65	Impact loss due to curtailment on 2F
04/27/2020	PMO	71.4	23.38	Impact loss due to curtailment on 2F
04/28/2020	FMO	48.7	192.5	PFM 2A Event MOF - HRSG Tube Leak Repair
04/28/2020	PMO	48.7	72.65	Impact loss due to curtailment on 2A
04/28/2020	PMO	48.7	23.38	Impact loss due to curtailment on 2A

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

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

**ACTUAL PERFORMANCE DATA**

**COMPANY: FLORIDA POWER AND LIGHT**

**From: Jan-2020**

**To: Dec-2020**

**PLANT / UNIT: ST LUCIE 01 PSL 01**

<b>DATE</b>	<b>OUTAGE TYPE(1)</b>	<b>HOURS</b>	<b>(MW) AFFECTED</b>	<b>DESCRIPTION</b>
02/06/2020	PFO	33.2	78.82	U1 UEL 4B Feed Water Drain Valve Controller 020620

- (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-2020**

**To: Dec-2020**

**PLANT / UNIT: ST LUCIE**

**02**

**PSL 02**

DATE	OUTAGE TYPE(1)	HOURS	(MW) AFFECTED	DESCRIPTION
02/15/2020	PPO	7.0	146.64	U2 PEL Down Power to ~68% for Main Steam Safety Valve Te
02/16/2020	PPO	17.0	332.09	U2 PEL Main Steam Safety Valve Testing 021620
02/16/2020	PPO	3.0	523.11	U2 PEL Down Power for Start of SL2-25 Refueling and Mainte
02/17/2020	FPO	695.0	987	U2 PEL SL2-25 Refueling & Maintenance 021720
03/17/2020	FFO	53.3	987	U2 UEL SL2-25 Refueling Extension 03172020
03/19/2020	PPO	42.1	405.97	U2 PEL SL2-25 Power Ascension 031920

- (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-2020**

**To: Dec-2020**

**PLANT / UNIT: TURKEY POINT 03**

**PTN 03**

DATE	OUTAGE TYPE(1)	HOURS	(MW) AFFECTED	DESCRIPTION
01/22/2020	PFO	17.3	35.8	PTN Unit 3 unplanned downpower due to CV-3-1414 Full open
03/28/2020	PPO	28.0	509.16	PTN Unit 3 down power to support Cycle 31 RFO
03/30/2020	FPO	588.9	837	PTN Unit 3 Cycle 31
04/23/2020	FPO	26.6	837	PTN Unit 3 MW loss due to high sodium in the main condenser
04/24/2020	FPO	17.5	837	Unit 3 Cycle 31 RFO
04/25/2020	PPO	88.4	300.96	Unit 3 Cycle 31 RFO planned power ascension

- (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-2020**

**To: Dec-2020**

**PLANT / UNIT: TURKEY POINT 04**

**PTN 04**

<b>DATE</b>	<b>OUTAGE TYPE(1)</b>	<b>HOURS</b>	<b>(MW) AFFECTED</b>	<b>DESCRIPTION</b>
02/18/2020	PFO	12.9	93.8	Unit 4 unplanned downpower due to SDTC open

- (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-2020****To: Dec-2020****PLANT / UNIT: WEST COUNTY ENERGY 01****PWC 01**

DATE	OUTAGE TYPE(1)	HOURS	(MW) AFFECTED	DESCRIPTION
01/01/2020	FMO	57.2	247	PWC 1B Event MOF - CT Fuel Filtration Cleaning
01/01/2020	PMO	57.2	160.64	Impact loss due to curtailment on 1B
01/05/2020	FMO	92.3	247	PWC 1C Event MOF - HP SH Spraywater Block Valve Leaking
01/05/2020	PMO	92.3	160.69	Impact loss due to curtailment on 1C
01/22/2020	FMO	49.4	247	PWC 1B Event MOF - Troubleshooting for High Blade Path Spr
01/22/2020	PMO	49.4	160.64	Impact loss due to curtailment on 1B
01/25/2020	FFO	2.6	247	PWC 1C EFOR / Full Forced - High CPFM Trip
01/25/2020	PFO	2.6	160.69	Impact loss due to curtailment on 1C
01/30/2020	FMO	39.3	247	PWC 1C Event MOF - Exhaust Expansion Joint Leak
01/30/2020	PMO	39.3	160.69	Impact loss due to curtailment on 1C
02/03/2020	FMO	44.7	247	PWC 1A Event MOF - Generator Breaker Relay Failure
02/03/2020	PMO	44.7	160.64	Impact loss due to curtailment on 1A
02/07/2020	PFO	1.6	77	PWC 1A Partial EFOR - TCA to Condenser Failed 100% Open
02/07/2020	PFO	1.6	160.64	Impact loss due to curtailment on 1A
02/09/2020	FFO	4.6	247	PWC 1C EFOR / Start-up Failure - Igniter Failure
02/09/2020	PFO	4.6	160.69	Impact loss due to curtailment on 1C
02/22/2020	FFO	3.5	247	PWC 1A EFOR / Full Forced - Low LP Drum Level Trip
02/22/2020	PFO	3.5	160.64	Impact loss due to curtailment on 1A
02/25/2020	FFO	4.4	247	PWC 1C EFOR / Full Forced - CEMS Compliance
02/25/2020	PFO	4.4	160.7	Impact loss due to curtailment on 1C
02/27/2020	FFO	7.6	247	PWC 1B EFOR / Start-up Failure - Failed to Fire / Ignitor Failur
02/27/2020	PFO	7.6	160.65	Impact loss due to curtailment on 1B
03/06/2020	FPO	477.3	247	PWC 1A Planned Outage - CT Exhaust Duct Replacement
03/06/2020	PPO	477.3	160.65	Impact loss due to curtailment on 1A

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

FILED:  
SUSPENDED:  
EFFECTIVE:  
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ORDER NO.:

ISSUED BY: FLORIDA POWER &amp; LIGHT CO.

**ACTUAL PERFORMANCE DATA**

**COMPANY: FLORIDA POWER AND LIGHT**

**From: Jan-2020**

**To: Dec-2020**

**PLANT / UNIT: WEST COUNTY ENERGY 01**

**PWC 01**

DATE	OUTAGE TYPE(1)	HOURS	(MW) AFFECTED	DESCRIPTION
03/08/2020	FFO	6.9	247	PWC 1B EFOR / Start-up Failure - CT Igniters Failed Function
03/08/2020	PFO	6.9	160.65	Impact loss due to curtailment on 1B
04/09/2020	FFO	9.3	247	PWC 1B EFOR / Start-up Failure - CT Failed to Fire
04/09/2020	PFO	9.3	160.65	Impact loss due to curtailment on 1B
04/10/2020	FFO	1.4	247	PWC 1A EFOR / Start-up Failure - CT Flame Out Trip
04/10/2020	PFO	1.4	160.65	Impact loss due to curtailment on 1A
04/10/2020	FFO	27.8	247	PWC 1C EFOR / Full Forced - Superheat Drain Line Failure
04/10/2020	PFO	27.8	160.7	Impact loss due to curtailment on 1C
04/30/2020	FMO	11.5	247	PWC 1A Event MOF - GSU Surge Arresters
04/30/2020	PMO	11.5	160.65	Impact loss due to curtailment on 1A

- (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-2020****To: Dec-2020****PLANT / UNIT: WEST COUNTY ENERGY 02****PWC 02**

<b>DATE</b>	<b>OUTAGE TYPE(1)</b>	<b>HOURS</b>	<b>(MW) AFFECTED</b>	<b>DESCRIPTION</b>
01/19/2020	FFO	50.1	247	PWC 2C EFOR / Full Forced - IP Economizer Drain Tube Leak
01/19/2020	PFO	50.1	160.7	Impact loss due to curtailment on 2C
02/06/2020	FMO	25.1	247	PWC 2B Event MOF - Cooling Steam Drain Line Leak
02/06/2020	PMO	25.1	160.63	Impact loss due to curtailment on 2B
02/07/2020	FFO	4.9	247	PWC 2A EFOR / Start-up Failure - CPU# 1 Interlock Failure
02/07/2020	PFO	4.9	160.63	Impact loss due to curtailment on 2A
02/16/2020	PFO	39.9	67	PWC 2B Partial EFOR - GSU Fan Bank Out
02/22/2020	FFO	0.5	482	PWC 2ST EFOR / Full Forced - Low Vacuum Trip
02/23/2020	FFO	5.9	482	PWC 2ST EFOR / Full Forced - Low EHC Oil
03/07/2020	FMO	28.5	247	PWC 2A Event MOF - IP Feedwater Transmitter Leak
03/07/2020	PMO	28.5	160.64	Impact loss due to curtailment on 2A
04/01/2020	FMO	65.3	247	PWC 2C Event MOF - IP Economizer Tube Leak
04/01/2020	PMO	65.3	160.7	Impact loss due to curtailment on 2C
04/20/2020	FFO	0.5	247	PWC 2A EFOR / Full Forced - Low HP Drum Level
04/20/2020	PFO	0.5	160.65	Impact loss due to curtailment on 2B
04/20/2020	FFO	4.2	247	PWC 2A EFOR / Full Forced - BFP Low Flow
04/20/2020	PFO	4.2	160.65	Impact loss due to curtailment on 2A
04/30/2020	PMO	2.2	160.65	Impact loss due to curtailment on 2A
04/30/2020	FMO	14.0	247	PWC 2A Event MOF - Block Reliability Outage
04/30/2020	PMO	1.7	160.7	Impact loss due to curtailment on 2C
04/30/2020	FMO	13.5	247	PWC 2C Event MOF - CT / HRSG Reliability Outage
04/30/2020	FMO	11.8	482	PWC 2ST Event MOF - Block Reliability Outage
04/30/2020	FMO	11.4	247	PWC 2B Event MOF - Block 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**

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

ISSUED BY: FLORIDA POWER &amp; LIGHT CO.



**ACTUAL PERFORMANCE DATA**  
**COMPANY: FLORIDA POWER AND LIGHT**  
**From: Jan-2020 To: Dec-2020**

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

DATE	OUTAGE TYPE(1)	HOURS	(MW) AFFECTED	DESCRIPTION
01/04/2020	PMO	52.3	112.25	Impact loss due to curtailment on 3D
01/04/2020	FMO	226.2	193.5	PMT 3D Task MOF - Annual reliability outage for steam turbine
01/05/2020	FMO	203.8	193.5	PMT 3C Task MOF - Annual reliability outage for steam turbine
01/05/2020	PMO	29.8	112.25	Impact loss due to curtailment on 3C
01/07/2020	FMO	174.1	449	PMT 3ST Task MOF - Annual reliability outage for steam turbine
01/07/2020	FMO	170.5	193.5	PMT 3A Task MOF - Annual reliability outage for steam turbine
01/07/2020	FMO	167.8	193.5	PMT 3B Task MOF - Annual reliability outage for steam turbine
01/22/2020	FFO	0.2	193.5	PMT 3B EFOR - Generator breaker tripped due to fuel stroke r
01/22/2020	PFO	0.2	112.25	Impact loss due to curtailment on 3B
02/17/2020	FFO	0.0	193.5	PMT 3C EFOR - Trip due to #2 compressor bleed valve slow cl
02/17/2020	PFO	0.0	112.25	Impact loss due to curtailment on 3C
02/17/2020	FFO	0.1	193.5	PMT 3C EFOR - Trip due to #2 compressor bleed valve slow cl
02/17/2020	PFO	0.1	112.25	Impact loss due to curtailment on 3C
02/25/2020	FFO	0.4	193.5	PMT 3B EFOR - Unit would not sync due to "difference in volts"
02/25/2020	PFO	0.4	112.25	Impact loss due to curtailment on 3B
02/28/2020	FFO	4.6	193.5	PMT 3D EFOR - 3D could not start due to OBB failed position
02/28/2020	PFO	4.6	112.25	Impact loss due to curtailment on 3D
03/19/2020	FFO	2.9	193.5	PMT 3C EFOR - Failure of PM2 gas valve
03/19/2020	PFO	2.9	112.25	Impact loss due to curtailment on 3C
04/01/2020	FFO	18.5	193.5	PMT 3B EFOR - Unit tripped due to L86 generator lockout
04/01/2020	PFO	18.5	112.25	Impact loss due to curtailment on 3B
04/10/2020	FFO	3.9	193.5	PMT 3B EFOR - Issue with Inlet Guide Vane LVDT
04/10/2020	PFO	3.9	112.25	Impact loss due to curtailment on 3B
04/25/2020	FMO	49.2	193.5	PMT 3A Task MOF - SNOW taken to calibrate gas flow transmi

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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-2020**

**To: Dec-2020**

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

**PM3 03**

<b>DATE</b>	<b>OUTAGE TYPE(1)</b>	<b>HOURS</b>	<b>(MW) AFFECTED</b>	<b>DESCRIPTION</b>
04/25/2020	PMO	49.2	112.25	Impact loss due to curtailment on 3A
04/30/2020	FFO	2.0	193.5	3A EFOR - Mark VI T Core UCSB controller card failed
04/30/2020	PFO	2.0	112.25	Impact loss due to curtailment on 3A

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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-2020 To: Dec-2020**

**PLANT / UNIT: MARTIN-UNIT 8 08 PM8 08**

DATE	OUTAGE TYPE(1)	HOURS	(MW) AFFECTED	DESCRIPTION
01/08/2020	FMO	32.9	191.5	PMR 8D Event MOF - Liquid Fuel Stop Valve Inspection
01/08/2020	PMO	32.9	113	Impact loss due to curtailment on 8D
01/19/2020	PFO	27.3	79.5	PMR 8A Partial EFOR - Overboard Bleed Valve Failure to Clos
01/20/2020	FMO	71.0	191.5	PMR 8A Event MOF - HRSG Superheat Tube Leak
01/20/2020	PMO	71.0	113	Impact loss due to curtailment on 8A
02/13/2020	PMO	3.0	113	Impact loss due to curtailment on 8D
02/13/2020	FMO	144.8	191.5	PMR 8D Task MOF - Abridged Reliability Outage - Project 6964
02/13/2020	PMO	1.1	113	Impact loss due to curtailment on 8C
02/13/2020	FMO	142.5	191.5	PMR 8C Task MOF - Abridged Reliability Outage - Project 6964
02/13/2020	FMO	146.3	452	PMR 8ST Task MOF - Abridged Reliability Outage - Project 6964
02/13/2020	FMO	385.1	191.5	PMR 8A Task MOF - Annual Reliability Outage - Project 48280
02/13/2020	FMO	361.0	191.5	PMR 8B Task MOF - Annual Reliability Outage - Project 48281
02/20/2020	PMO	215.5	113	Impact loss due to curtailment on 8B
02/20/2020	PMO	239.2	113	Impact loss due to curtailment on 8A
03/01/2020	FMO	0.0	191.5	PMR 8A Task MOF - Annual Reliability Project 48280
03/01/2020	PMO	0.0	113	Impact loss due to curtailment on 8A
03/01/2020	FMO	11.8	191.5	PMR 8A Task MOF Extension - Tuning After Outage Project 48280
03/01/2020	PMO	11.8	113	Impact loss due to curtailment on 8A
03/03/2020	FMO	0.0	191.5	PMR 8A Task MOF - Annual Reliability Project 48280
03/03/2020	PMO	0.0	113	Impact loss due to curtailment on 8A
03/03/2020	FMO	18.5	191.5	PMR 8A Task MOF Extension - Tuning After Outage Project 48280
03/03/2020	PMO	18.5	113	Impact loss due to curtailment on 8A
03/05/2020	FMO	0.0	191.5	PMR 8A Task MOF - Annual Reliability Project 48280
03/05/2020	PMO	0.0	113	Impact loss due to curtailment on 8A

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- FMO - FULL MAINTENANCE OUTAGE

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**ACTUAL PERFORMANCE DATA**  
**COMPANY: FLORIDA POWER AND LIGHT**  
**From: Jan-2020 To: Dec-2020**

**PLANT / UNIT: MARTIN-UNIT 8 08 PM8 08**

DATE	OUTAGE TYPE(1)	HOURS	(MW) AFFECTED	DESCRIPTION
03/05/2020	FMO	5.4	191.5	PMR 8A Task MOF Extension – Tuning After Outage Project 48280
03/05/2020	PMO	5.4	113	Impact loss due to curtailment on 8A
03/10/2020	FFO	7.4	191.5	PMR 8D Start-Up Failure - Atomizing Air Compressor Breaker (
03/10/2020	PFO	7.4	113	Impact loss due to curtailment on 8D
03/10/2020	FMO	0.0	191.5	PMR 8A Task MOF – Annual Reliability Project 48280
03/10/2020	PMO	0.0	113	Impact loss due to curtailment on 8A
03/10/2020	FMO	38.3	191.5	PMR 8A Task MOF Extension – Tuning After Outage Project 48280
03/10/2020	PMO	38.3	113	Impact loss due to curtailment on 8A
03/12/2020	PFO	29.5	88	PMR 8B Partial Forced Outage - 8B Overboard Bleed Valve Sc
03/20/2020	FMO	37.2	191.5	PMR 8B Event MOF - CT Outlet Exp Joint Repair
03/20/2020	PMO	37.2	113	Impact loss due to curtailment on 8B
04/24/2020	FMO	84.0	191.5	PMR 8B Event MOF - CT A042 Exhaust Duct Repair
04/24/2020	PMO	84.0	113	Impact loss due to curtailment on 8B
04/27/2020	FMO	45.4	191.5	PMR 8A Event MOF - CT PM-4 Gas Valve Replacement
04/27/2020	PMO	45.4	113	Impact loss due to curtailment on 8A
04/30/2020	FMO	8.2	191.5	PMR 8D Event MOF - Liquid Fuel Stop Valve Replacement
04/30/2020	PMO	8.2	113	Impact loss due to curtailment on 8D

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- PFO - PARTIAL FORCED OUTAGE
- FMO - FULL MAINTENANCE OUTAGE

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**GPIF Units**  
**Actual Performance Data (ACRONYMS) for 2020**

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
A042	Name given to the circular exhaust duct of the combustion turbine, before it transitions into the square inlet duct to the HRSG
AA	Anhydrous Ammonia
AA HX	Atomizing Air Heat Exchanger

**GPIF Units**  
**Actual Performance Data (ACRONYMS) for 2020**

ACRONYMS	DESCRIPTION
ABV	Air Block Valve
ACV-3	Automatic Control Valve # 3
ACV 11	Reverse Flow Valve in Auxiliary Steam Supply System
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
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
CEMS	Continuous Emissions Monitoring System
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.'
CPU#1	Central Processing Unit #1
CRH	Cold Reheat
CSGG-ABV-13	Main Steam High Pressure Bypass Spray Isolation Valve
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

**GPIF Units**  
**Actual Performance Data (ACRONYMS) for 2020**

ACRONYMS	DESCRIPTION
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
ESV	Emergency Stop Valves
ESGA	System code for Ft. Myers 2E HRSG
ESGG	System code for Ft. Myers 2E CT Main Steam (HP)
EXP	Expansion
Fa	Failed
FCBBS	Florida Cost Based Broker System
FENA	Future Enterprise Network A
FGT	Florida Gas Transmission
FME	Foreign Material Exclusion
FMPA	Florida Municipal Power Agency
FPI	Fluorescent penetrant inspection
FPSC	Florida Public Service Commission
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
GV2	Cooling Valve
Haz	Hazardous
HC	Headcount
HCO	Hydraulic Clearance Optimization
HDP	Heater Drain Pump
HI	High
HMI	Human Machine Interface
HP	High Pressure
HRH	Hot Reheat
HRSG	Heat Recovery Steam Generator

**GPIF Units**  
**Actual Performance Data (ACRONYMS) for 2020**

ACRONYMS	DESCRIPTION
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
LD	Load
LF	Liquid Fuel
LL	Low Low
LO	Low
LO	Lube oil
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
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
MP	Main pressure
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 Unidirectional Valve
MTC	Moderator Temperature Coefficient
MW	Megawatt
MWh	Megawatt Hour
NEE	NEXtera Energy
NEL	Net Energy for Load



**GPIF Units**  
**Actual Performance Data (ACRONYMS) for 2020**

<b>ACRONYMS</b>	<b>DESCRIPTION</b>
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
PM-4	Gas valve PM-4 (Gas valves on the 7FA turbine are referred to as PM-1 thru PM-4)
Pmp	Pump
PPA	Purchased Power Agreement
PSE	Cooling Steam Supply
PSF	Cooling Steam Return
PSL	St Lucie
PSR	Sanford
PT	Potential transformer
PWR	Power
QF	Qualifying Facilities
RAP	Resource Assessment & Planning Dept.
R	Repair
R0	Row 0 blades on steam turbine
R1	Row 1 blades on steam turbine
RCP	Reactor Coolant Pump
RCS	Reactor Coolant System
RFC	Ready For Control
RFO	Refueling Outage
RH	Reheat
RPS	Reactor Protection System
RSD	Reserve Shutdown
RSV	Reheat Stop Valve
RSV1	Reheat Stop Valve Number 1
RV	Release Valve
RW	Repetitive Work
S/U	Startup
SDTC	Steam Dump to Condenser
SF6	Name of gas used to minimize arc flashes in generator breakers
SFC	Static Frequency Starter
SGFP	Steam Generator Feed Pump
SGG	Main Steam - High Pressure

**GPIF Units**  
**Actual Performance Data (ACRONYMS) for 2020**

<b>ACRONYMS</b>	<b>DESCRIPTION</b>
SGJ-ACV-10	System Designator Air Control Valve
SH	Super heat
SIT	Safety Injection Tank
SL1-23	St Lucie Unit 1 cycle 23 refueling outage
SL2-19	St Lucie Unit 2 cycle 19 refueling outage
SNO	Short Notice Outage
SNOW	Short Notice Outage Work
SRV	Speed Ratio Valve
STARS	Strategic Anti Rotation Stall Surge testing
ST	Steam Turbine
ST1	Steam Turbine Number 1
ST2	Steam Turbine Number 2
STG or SG	Steam Generator
STM 1	Steam Turbine Number 1
STM 2	Steam Turbine Number 2
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
UCSB	Universal Controller version SB
VCM1	Communication interface board for Mark 6 ovation system
Vi	Roman Numeral 6
VGW	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