



**Maria J. Moncada**  
Senior Attorney  
Florida Power & Light Company  
700 Universe Boulevard  
Juno Beach, FL 33408-0420  
(561) 304-5795  
(561) 691-7135 (Facsimile)  
E-mail: maria.moncada@fpl.com

May 20, 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 April 2019. 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 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 20th day of May 2019 to the following:

Suzanne Brownless  
Johanna Nieves  
Division of Legal Services  
**Florida Public Service Commission**  
2540 Shumard Oak Blvd.  
Tallahassee, Florida 32399-0850  
sbrownle@psc.state.fl.us  
jnieves@psc.state.fl.us

Michael Barrett  
Division of Accounting and Finance  
**Florida Public Service Commission**  
2540 Shumard Oak Blvd.  
Tallahassee, Florida 32399-0850  
mbarrett@psc.state.fl.us

Dianne M. Triplett  
299 First Avenue North  
St. Petersburg, Florida 33701  
dianne.triplett@duke-energy.com

Matthew R. Bernier  
Duke Energy Florida  
106 East College Avenue, Suite 800  
Tallahassee, Florida 32301  
matthew.bernier@duke-energy.com  
**Attorneys for Duke Energy Florida**

Beth Keating  
Gunster Law Firm  
215 South Monroe St., Suite 601  
Tallahassee, Florida 32301-1804  
bkeating@gunster.com  
**Attorneys for Florida Public Utilities Corp.**

J. R. Kelly  
Patricia Christensen  
Stephanie Morse  
**Office of Public Counsel**  
c/o The Florida Legislature  
111 West Madison Street, Room 812  
Tallahassee, Florida 32399  
kelly.jr@leg.state.fl.us  
christensen.patty@leg.state.fl.us

James D. Beasley  
J. Jeffrey Wahlen  
Ausley & McMullen  
P.O. Box 391  
Tallahassee, Florida 32302  
jbeasley@ausley.com  
jwahlen@ausley.com  
**Attorneys for Tampa Electric Company**

Paula K. Brown, Manager  
**Tampa Electric Company**  
Regulatory Coordinator  
Post Office Box 111  
Tampa, Florida 33601-0111  
regdept@tecoenergy.com

Steven R. Griffin  
Beggs & Lane  
P.O. Box 12950  
Pensacola, FL 32591-2950  
srg@beggslane.com  
**Attorneys for Gulf Power Company**

Russell A. Badders  
Vice President & Associate General Counsel  
**Gulf Power Company**  
One Energy Place  
Pensacola, Florida 32520-0100  
russell.badders@nexteraenergy.com  
Robert Scheffel Wright

Mike Cassel  
Director/Regulatory and  
Governmental Affairs  
**Florida Public Utilities Company**  
911 South 8th Street  
Fernandina Beach, Florida 32034  
mcassel@fpuc.com

James W. Brew  
Laura A. Wynn  
Stone Mattheis Xenopoulos & Brew, PC  
1025 Thomas Jefferson Street, NW  
Eighth Floor, West Tower  
Washington, DC 20007-5201  
jbrew@smxblaw.com  
laura.wynn@smxblaw.com  
**Attorneys for PCS Phosphate - White  
Springs**

John T. LaVia, III  
Gardner, Bist, Wiener, et al  
1300 Thomaswood Drive  
Tallahassee, Florida 32308  
schef@gbwlegal.com  
jlavia@gbwlegal.com  
**Attorneys for Florida Retail Federation**

Jon C. Moyle  
Moyle Law Firm, P.A.  
118 N. Gadsden St.  
Tallahassee, Florida 32301  
jmoyle@moylelaw.com  
**Attorneys for Florida Industrial Power  
Users Group**

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	0	0	0	0	0	0	0	0	95.3
2.	PH	744	672	743	720	0	0	0	0	0	0	0	0	2879
3.	SH	744	672	743	720	0	0	0	0	0	0	0	0	2879
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	6.25	5.45	4.47	0.7	0	0	0	0	0	0	0	0	16.87
12.	LR PF (MW)	436.98	59.21	436.7	110	0	0	0	0	0	0	0	0	301.3
13.	PMOH	101.98	97.08	80.55	113.05	0	0	0	0	0	0	0	0	392.67
14.	LR PM (MW)	437.01	437.05	436.98	437.03	0	0	0	0	0	0	0	0	437.01
15.	NSC	1311	1311	1311	1311	0	0	0	0	0	0	0	0	1311
16.	OPER BTU (MBTU)	4052503	3127591	4170559	3687914	0	0	0	0	0	0	0	0	15038566
17.	NET GEN	612761	469704	631953	554675	0	0	0	0	0	0	0	0	2269093
18.	ANOHR (BTU/KWH)	6614	6659	6599	6649	0	0	0	0	0	0	0	0	6628
19.	NOF (%)	62.8	53.3	64.9	58.8	0	0	0	0	0	0	0	0	60.1
20.	NPC (MW)	1311	1311	1311	1311	0	0	0	0	0	0	0	0	1311

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-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	0	0	0	0	0	0	0	0	77.6
2.	PH	744	672	743	720	0	0	0	0	0	0	0	0	2879
3.	SH	737.58	672	597.2	685.08	0	0	0	0	0	0	0	0	2691.87
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	0	0	0	0	0	0	0	0	6.52
12.	LR PF (MW)	459.09	0	0	428.1	0	0	0	0	0	0	0	0	453.53
13.	PMOH	235.22	25.3	196.58	55.85	0	0	0	0	0	0	0	0	512.95
14.	LR PM (MW)	429.3	429.31	879.77	676.36	0	0	0	0	0	0	0	0	628.84
15.	NSC	1288	1288	1288	1288	0	0	0	0	0	0	0	0	1288
16.	OPER BTU (MBTU)	2994961	2663692	2231091	3659701	0	0	0	0	0	0	0	0	11549445
17.	NET GEN	447132	401052	333575	552150	0	0	0	0	0	0	0	0	1733909
18.	ANOHR (BTU/KWH)	6698	6642	6688	6628	0	0	0	0	0	0	0	0	6661
19.	NOF (%)	47.1	46.3	43.4	62.6	0	0	0	0	0	0	0	0	50
20.	NPC (MW)	1288	1288	1288	1288	0	0	0	0	0	0	0	0	1288

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-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.	EAFF (%)	87.5	81.8	57	100	0	0	0	0	0	0	0	0	81.4
2.	PH	744	672	743	720	0	0	0	0	0	0	0	0	2879
3.	SH	696.82	672	508.9	720	0	0	0	0	0	0	0	0	2597.72
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	0	0	0	0	0	0	0	59.45
12.	LR PF (MW)	559.2	413	413.48	0	0	0	0	0	0	0	0	0	434.59
13.	PMOH	252.53	246.62	166.85	0	0	0	0	0	0	0	0	0	666
14.	LR PM (MW)	412.98	532.68	684	0	0	0	0	0	0	0	0	0	525.2
15.	NSC	1239	1239	1239	1239	0	0	0	0	0	0	0	0	1239
16.	OPER BTU (MBTU)	3394214	3323975	2580669	4655774	0	0	0	0	0	0	0	0	13954632
17.	NET GEN	472469	471701	369773	687998	0	0	0	0	0	0	0	0	2001941
18.	ANOHR (BTU/KWH)	7184	7047	6979	6767	0	0	0	0	0	0	0	0	6971
19.	NOF (%)	54.7	56.7	58.6	77.1	0	0	0	0	0	0	0	0	62.2
20.	NPC (MW)	1239	1239	1239	1239	0	0	0	0	0	0	0	0	1239

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-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	0	0	0	0	0	0	0	0	61.1
2.	PH	744	672	743	720	0	0	0	0	0	0	0	0	2879
3.	SH	570.67	672	743	696.33	0	0	0	0	0	0	0	0	2682
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	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	686.98	423.65	457.5	720	0	0	0	0	0	0	0	0	2288.13
10.	LR PP (MW)	584.29	251.46	935.68	768	0	0	0	0	0	0	0	0	650.73
11.	PFOH	0	14.92	50.33	76.27	0	0	0	0	0	0	0	0	141.52
12.	LR PF (MW)	0	248.23	343.74	200.03	0	0	0	0	0	0	0	0	256.22
13.	PMOH	553.58	672	743	720	0	0	0	0	0	0	0	0	2688.58
14.	LR PM (MW)	63	70.88	93.3	116.96	0	0	0	0	0	0	0	0	87.8
15.	NSC	1571	1571	1571	1571	0	0	0	0	0	0	0	0	1571
16.	OPER BTU (MBTU)	3749625	4561595	3782170	3127325	0	0	0	0	0	0	0	0	15220715
17.	NET GEN	513705	627894	436706	293160	0	0	0	0	0	0	0	0	1871465
18.	ANOHR (BTU/KWH)	7299	7265	8661	10668	0	0	0	0	0	0	0	0	8133
19.	NOF (%)	57.3	59.5	37.4	26.8	0	0	0	0	0	0	0	0	44.4
20.	NPC (MW)	1681	1681	1681	1571	0	0	0	0	0	0	0	0	1654

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-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.	EAFF (%)	100	100	100	81.3	0	0	0	0	0	0	0	0	95.3
2.	PH	744	672	743	720	0	0	0	0	0	0	0	0	2879
3.	SH	744	672	743	585.3	0	0	0	0	0	0	0	0	2744.3
4.	RSH	0	0	0	0	0	0	0	0	0	0	0	0	0
5.	UH	0	0	0	134.7	0	0	0	0	0	0	0	0	134.7
6.	POH	0	0	0	0	0	0	0	0	0	0	0	0	0
7.	FOH	0	0	0	134.7	0	0	0	0	0	0	0	0	134.7
8.	MOH	0	0	0	0	0	0	0	0	0	0	0	0	0
9.	PPOH	0	0	0	0	0	0	0	0	0	0	0	0	0
10.	LR PP (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0
11.	PFOH	0	0	0	0	0	0	0	0	0	0	0	0	0
12.	LR PF (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0
13.	PMOH	0	0	0	0	0	0	0	0	0	0	0	0	0
14.	LR PM (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0
15.	NSC	981	981	981	981	0	0	0	0	0	0	0	0	981
16.	OPER BTU (MBTU)	7662194	6920319	7651376	6034200	0	0	0	0	0	0	0	0	28268089
17.	NET GEN	749099	678435	748329	586880	0	0	0	0	0	0	0	0	2762743
18.	ANOHR (BTU/KWH)	10229	10200	10225	10282	0	0	0	0	0	0	0	0	10232
19.	NOF (%)	102.6	102.9	102.7	102.2	0	0	0	0	0	0	0	0	102.6
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											
-----	----------------	--	--	--	--	--	--	--	--	--	--	--	--

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



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	0	0	0	0	0	0	0	0	100
2.	PH	744	672	743	720	0	0	0	0	0	0	0	0	2879
3.	SH	744	672	743	720	0	0	0	0	0	0	0	0	2879
4.	RSH	0	0	0	0	0	0	0	0	0	0	0	0	0
5.	UH	0	0	0	0	0	0	0	0	0	0	0	0	0
6.	POH	0	0	0	0	0	0	0	0	0	0	0	0	0
7.	FOH	0	0	0	0	0	0	0	0	0	0	0	0	0
8.	MOH	0	0	0	0	0	0	0	0	0	0	0	0	0
9.	PPOH	0	0	0	0	0	0	0	0	0	0	0	0	0
10.	LR PP (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0
11.	PFOH	0	0	0	0	0	0	0	0	0	0	0	0	0
12.	LR PF (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0
13.	PMOH	0	0	0	0	0	0	0	0	0	0	0	0	0
14.	LR PM (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0
15.	NSC	987	987	987	987	0	0	0	0	0	0	0	0	987
16.	OPER BTU (MBTU)	7661848	6920047	7650935	7415315	0	0	0	0	0	0	0	0	29648144
17.	NET GEN	758867	687570	758453	731873	0	0	0	0	0	0	0	0	2936763
18.	ANOHR (BTU/KWH)	10096	10064	10088	10132	0	0	0	0	0	0	0	0	10096
19.	NOF (%)	103.3	103.7	103.4	103	0	0	0	0	0	0	0	0	103.3
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 SYNCRONIZED TO THE SYSTEM

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.	EAF (%)	99.1	100	100	100	0	0	0	0	0	0	0	0	99.8
2.	PH	744	672	743	720	0	0	0	0	0	0	0	0	2879
3.	SH	744	672	743	720	0	0	0	0	0	0	0	0	2879
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	30.27	0	0	0	0	0	0	0	0	0	0	0	30.27
12.	LR PF (MW)	181.79	0	0	0	0	0	0	0	0	0	0	0	181.79
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)	6642842	6057352	6697781	6490373	0	0	0	0	0	0	0	0	25888348
17.	NET GEN	646902	587548	650312	627338	0	0	0	0	0	0	0	0	2512101
18.	ANOHR (BTU/KWH)	10269	10310	10299	10346	0	0	0	0	0	0	0	0	10306
19.	NOF (%)	103.9	104.5	104.6	104.1	0	0	0	0	0	0	0	0	104.2
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 SYNCHRONIZED TO THE SYSTEM

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.	EAF (%)	100	99.2	29.1	59.2	0	0	0	0	0	0	0	0	71.3
2.	PH	744	672	743	720	0	0	0	0	0	0	0	0	2879
3.	SH	744	672	239.02	475.57	0	0	0	0	0	0	0	0	2130.58
4.	RSH	0	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	0
8.	MOH	0	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	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)	6706666	6016376	2002384	3894284	0	0	0	0	0	0	0	0	18619711
17.	NET GEN	630017	555979	178908	354043	0	0	0	0	0	0	0	0	1718947
18.	ANOHR (BTU/KWH)	10645	10821	11192	10999	0	0	0	0	0	0	0	0	10832
19.	NOF (%)	103.1	100.8	91.2	90.7	0	0	0	0	0	0	0	0	98.3
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 SYNCHRONIZED TO THE SYSTEM

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.	EAF (%)	90.3	97.2	99.2	99.6	0	0	0	0	0	0	0	0	96.5
2.	PH	744	672	743	720	0	0	0	0	0	0	0	0	2879
3.	SH	736.48	611.88	743	720	0	0	0	0	0	0	0	0	2811.37
4.	RSH	7.52	60.12	0	0	0	0	0	0	0	0	0	0	67.63
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	0	0	0	0	0	0	0	28.1
12.	LR PF (MW)	680.35	483.75	419.89	0	0	0	0	0	0	0	0	0	514.09
13.	PMOH	203.88	56	0	8.87	0	0	0	0	0	0	0	0	268.75
14.	LR PM (MW)	412.06	419.97	0	419.87	0	0	0	0	0	0	0	0	413.97
15.	NSC	1260	1260	1260	1260	0	0	0	0	0	0	0	0	1260
16.	OPER BTU (MBTU)	3564852	3272904	4841414	4704024	0	0	0	0	0	0	0	0	16383195
17.	NET GEN	495244	457881	697705	672868	0	0	0	0	0	0	0	0	2323698
18.	ANOHR (BTU/KWH)	7198	7148	6939	6991	0	0	0	0	0	0	0	0	7050
19.	NOF (%)	53.4	59.4	74.5	74.2	0	0	0	0	0	0	0	0	65.6
20.	NPC (MW)	1260	1260	1260	1260	0	0	0	0	0	0	0	0	1260

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

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

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.	EFAP (%)	95.3	95.1	96.1	8.6	0	0	0	0	0	0	0	0	73.8
2.	PH	744	672	743	720	0	0	0	0	0	0	0	0	2879
3.	SH	744	672	743	142.32	0	0	0	0	0	0	0	0	2301.32
4.	RSH	0	0	0	0	0	0	0	0	0	0	0	0	0
5.	UH	0	0	0	577.68	0	0	0	0	0	0	0	0	577.68
6.	POH	0	0	0	577.68	0	0	0	0	0	0	0	0	577.68
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	0	0	0	0	0	0	0	0	166.48
10.	LR PP (MW)	0	0	412.59	688.27	0	0	0	0	0	0	0	0	648.29
11.	PFOH	20.33	18.25	5.28	3.03	0	0	0	0	0	0	0	0	46.9
12.	LR PF (MW)	412.73	412.68	412.91	413.15	0	0	0	0	0	0	0	0	412.67
13.	PMOH	83.75	81.03	57.07	0	0	0	0	0	0	0	0	0	221.85
14.	LR PM (MW)	412.65	412.72	412.68	0	0	0	0	0	0	0	0	0	412.68
15.	NSC	1238	1238	1238	1238	0	0	0	0	0	0	0	0	1238
16.	OPER BTU (MBTU)	3808508	3540141	4603566	431819	0	0	0	0	0	0	0	0	12384034
17.	NET GEN	546143	503258	663173	58072	0	0	0	0	0	0	0	0	1770646
18.	ANOHR (BTU/KWH)	6973	7034	6942	7436	0	0	0	0	0	0	0	0	6994
19.	NOF (%)	59.3	60.5	72.1	33	0	0	0	0	0	0	0	0	62.1
20.	NPC (MW)	1238	1238	1238	1238	0	0	0	0	0	0	0	0	1238

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-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.	EF (EAF (%))	97.6	99.9	96.7	99.8	0	0	0	0	0	0	0	0	98.4
2.	PH	744	672	743	720	0	0	0	0	0	0	0	0	2879
3.	SH	744	672	743	720	0	0	0	0	0	0	0	0	2879
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	2.05	1.18	0	6.07	0	0	0	0	0	0	0	0	9.3
12.	LR PF (MW)	300.75	301.6	0	300.58	0	0	0	0	0	0	0	0	300.75
13.	PMOH	70.8	1.55	98.02	0	0	0	0	0	0	0	0	0	170.37
14.	LR PM (MW)	300.75	300.75	300.74	0	0	0	0	0	0	0	0	0	300.74
15.	NSC	1203	1203	1203	1203	0	0	0	0	0	0	0	0	1203
16.	OPER BTU (MBTU)	4467992	4131546	4710185	4721416	0	0	0	0	0	0	0	0	18031139
17.	NET GEN	661961	605521	684344	686241	0	0	0	0	0	0	0	0	2638067
18.	ANOHR (BTU/KWH)	6750	6823	6883	6880	0	0	0	0	0	0	0	0	6835
19.	NOF (%)	74	74.9	76.6	79.2	0	0	0	0	0	0	0	0	76.2
20.	NPC (MW)	1203	1203	1203	1203	0	0	0	0	0	0	0	0	1203

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-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	0	0	0	0	0	0	0	0	89.9
2.	PH	744	672	743	720	0	0	0	0	0	0	0	0	2879
3.	SH	647	672	743	708.48	0	0	0	0	0	0	0	0	2770.48
4.	RSH	0	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	0
7.	FOH	0	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	0
10.	LR PP (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0
11.	PFOH	15.6	23.77	0	0	0	0	0	0	0	0	0	0	39.37
12.	LR PF (MW)	309	308.96	0	0	0	0	0	0	0	0	0	0	308.97
13.	PMOH	151.43	162.1	195.5	124.52	0	0	0	0	0	0	0	0	633.55
14.	LR PM (MW)	342.41	309	317.43	393.85	0	0	0	0	0	0	0	0	336.26
15.	NSC	1236	1236	1236	1236	0	0	0	0	0	0	0	0	1236
16.	OPER BTU (MBTU)	3368354	3809571	4353427	4223033	0	0	0	0	0	0	0	0	15754385
17.	NET GEN	483264	551792	629546	612226	0	0	0	0	0	0	0	0	2276828
18.	ANOHR (BTU/KWH)	6970	6904	6915	6898	0	0	0	0	0	0	0	0	6919
19.	NOF (%)	60.4	66.4	68.6	69.9	0	0	0	0	0	0	0	0	66.5
20.	NPC (MW)	1236	1236	1236	1236	0	0	0	0	0	0	0	0	1236
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

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

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	17	3-3 Partial EFOR Duct Burners
02/03/2019	PFO	5.5	42.21	Impact loss due to curtailment on 33
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

(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: 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:  
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: 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  
 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: 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

(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: 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  
 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: 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 3AEFOR / Full Forced - BFP Recirc Vlv Failed to Functi
03/31/2019	PFO	1.5	159.97	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.:

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
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	FMO	2688.6	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  
 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
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	1177.5	185	PFM 2C POF - Steam Turbine Upgrade
03/12/2019	FPO	1176.8	398	PFM ST2 POF - Steam Turbine Upgrade
03/13/2019	FPO	1175.0	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

(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 & LIGHT CO.

## 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	134.7	981	U1 UEL Main Generator Ground Fault 042519

(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: 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

- (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: 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 to Rv-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

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

## 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

(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: 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 Leve
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:  
 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
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

(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: 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 Failure
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 Error
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 Bridging
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 Repair
01/29/2019	FMO	149.0	197	PMR 8A Event MOF Extension - CCW Piping Repair Under Load
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  
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: 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 t
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

(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.

**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)



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

ACRONYMS	DESCRIPTION
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
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

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

ACRONYMS	DESCRIPTION
EPU	Extended Power Uprate
ESGA	System code for Ft. Myers 2E HRSG
EXP	Expansion
Fa	Failed
FCBBS	Florida Cost Based Broker System
FENA	Future Enterprise Network A
FGT	Florida Gas Transmission
FME	Foreign Material Exclusion
FMPA	Florida Municipal Power Agency
FPI	Fluorescent penetrant inspection
FPSC	Florida Public Service Commission
FSGJ	F is the unit (2F) SGJ is the system designator
FSNL	Full Speed No Load
FRV	Feedwater Regulating Valve
FTEs	Full Time Equivalent Employees including: Headcount, O.T. i.e. Overtime, & Contractors
FW	Feedwater
FWA	Boiler Feedwater
FWC	Feedwater Control
GCV	Gas Control Valve
GE	General Electric
GPIF	Generating Performance Incentive Factor
GSU	Generator Step Up
GTE	Generator Terminal Enclose
Haz	Hazardous
HC	Headcount
HDP	Heater Drain Pump
HI	High
HMI	Human Machine Interface
HP	High Pressure
HRH	Hot Reheat
HRSG	Heat Recovery Steam Generator
HTF	Heat Transfer Fluid
I/O	Input / Output
IBH	Inlet Bleed Heat Valve
ID	Induced Draft
IGV	Inlet guide vanes
Instr.	Instrumentation
IP	Intermediate Pressure
IRP	Integrated Resource Plan
ISO	Isolation
kWh	Kilowatt Hour
LEFM	Leading Edge Flow Meter
LOI	Letter of Instruction
LCI	Load Commutating Inverter
LCO	Limiting Conditions for Operation
LF	Liquid Fuel
LL	Low Low
LO	Low
LP	Low Pressure
MAJOR	Major Overhaul
MCC	Motor Control Center

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

ACRONYMS	DESCRIPTION
MCF	Million cubic feet
PMG	Martin
MS	Main Steam
PMT	Manatee
MFIV	Main Feed Isolation Valve
MF PP	Main Feed Pump
MFW	Main Feed Water
MG	Motor Generator
MMBTU	Million British Thermal Units
MOF	Maintenance Outage Factor
MOF/AA	Maintenance Outage Factor / Atomizing Air
MOV	Motorized Operating Valve
MRE	Manuel Reject
MSR	Moisture Separator Reheater
MS	Main Steam
MSSV	Main Steam Safety Valve
MSIV	Main Steam Isolation Valves
MTC	Moderator Temperature Coefficient
MW	Megawatt
MUV	Motor actuated <u>U</u> nidirectional <u>V</u> alve
MTC	Moderator Temperature Coefficient
MW	Megawatt
MWh	Megawatt Hour
NEE	NEXTerA Energy
NEL	Net Energy for Load
ND	Neutral Disconnect
NHR	Net Heat Rate
NO	No
NSC	Net Summer Continuous Capacity
O/H	Overhaul
OLWW	Off-Line Water Wash
OMC	Outside Management Control
OS	Off-system Sales
OUC	Orlando Utilities Commission
P&C	Protect and Control
POF	Planned Outage Factor
PEL	Planned Energy Loss
PFM	Ft. Myers
PM1	Gas Valve Number 1
PM3	Gas Valve Number 3
PDM	Power Delivery Module
Pmp	Pump
PPA	Purchased Power Agreement
PSE	Cooling Steam Supply
PSF	Cooling Steam Return
PSL	St Lucie
PSR	Sanford
PT	Potential transformer
PWR	Power
QF	Qualifying Facilities
RAP	Resource Assessment & Planning Dept.

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

ACRONYMS	DESCRIPTION
R	Repair
R0	Row 0 blades on steam turbine
R1	Row 1 blades on steam turbine
RCP	Reactor Coolant Pump
RCS	Reactor Coolant System
RFC	Ready For Control
RFO	Refueling Outage
RH	Reheat
RPS	Reactor Protection System
RSD	Reserve Shutdown
RSV	Reheat Stop Valve
RSV1	Reheat Stop Valve Number 1
RV	Release Valve
RW	Repetitive Work
S/U	Startup
SGFP	Steam Generator Feed Pump
SGG	Main Steam - High Pressure
SGJ-ACV-10	System Designator Air Control Valve
SH	Super heat
SIT	Safety Injection Tank
SL1-23	St Lucie Unit 1 cycle 23 refueling outage
SL2-19	St Lucie Unit 2 cycle 19 refueling outage
SNO	Short Notice Outage
SNOW	Short Notice Outage Work
SRV	Speed Ratio Valve
STARS	Strategic Anti Rotation Stall Surge testing
ST	Steam Turbine
ST1	Steam Turbine Number 1
ST2	Steam Turbine Number 2
STG or SG	Steam Generator
STM 1	Steam Turbine Number 1
STM 2	Steam Turbine Number 2
TYSP	Ten Year Site Plan
T-Ave	Temperature Average
TC or T/Cs	Thermal/Couples
TCW HX	Turbine Cooling Water Heat Exchanger
TMOF	Task MOF
TVT	Turbine Valve Testing
U1	Unit 1
U2	Unit 2
UEL	Unplanned Energy Loss
ULPM1	Ultra Lean Pre-Mix Valve # 1
UPS	Unit Power Sales Agreement
VCM1	Communication interface board for Mark 6 ovation system
Vi	Roman Numeral 6
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