

# AUSLEY McMULLEN

ATTORNEYS AND COUNSELORS AT LAW

123 SOUTH CALHOUN STREET  
P.O. BOX 391 (ZIP 32302)  
TALLAHASSEE, FLORIDA 32301  
(850) 224-9115 FAX (850) 222-7560

October 25, 2021

## ELECTRONIC FILING

Mr. Adam J. Teitzman, Commission Clerk  
Office of Commission Clerk  
Florida Public Service Commission  
2540 Shumard Oak Boulevard  
Tallahassee, Florida 32399-0850

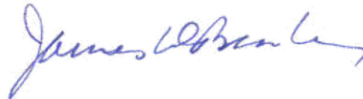
Re: Fuel and Purchased Power Cost Recovery Clause with Generating Performance  
Incentive Factor; FPSC Docket No. 20210001-EI

Dear Mr. Teitzman:

Attached for filing in the above docket are Tampa Electric Company's GPIF Actual Unit  
Performance Data Schedules for the month of September 2021.

Thank you for your assistance in connection with this matter.

Sincerely,



James D. Beasley

JDB/ne

Attachment

cc: All parties of record (w/attachment)

## CERTIFICATE OF SERVICE

I HEREBY CERTIFY that a true and correct copy of the foregoing Schedules, filed on behalf of Tampa Electric Company, has been furnished by electronic mail on this 25th day of October 2021 to the following:

Ms. Suzanne Brownless  
Stefanie-Jo Osborn  
Office of the General Counsel  
Florida Public Service Commission  
2540 Shumard Oak Boulevard  
Tallahassee, FL 32399-0850  
[sbrownle@psc.state.fl.us](mailto:sbrownle@psc.state.fl.us)  
[sosborn@psc.state.fl.us](mailto:sosborn@psc.state.fl.us)

Ms. Patricia A. Christensen  
Associate Public Counsel  
Office of Public Counsel  
111 West Madison Street – Room 812  
Tallahassee, FL 32399-1400  
[christensen.patty@leg.state.fl.us](mailto:christensen.patty@leg.state.fl.us)

Ms. Dianne M. Triplett  
Duke Energy Florida  
299 First Avenue North  
St. Petersburg, FL 33701  
[Dianne.triplett@duke-energy.com](mailto:Dianne.triplett@duke-energy.com)  
[FLRegulatoryLegal@duke-energy.com](mailto:FLRegulatoryLegal@duke-energy.com)

Mr. Matthew R. Bernier  
Mr. Robert Pickles  
Senior Counsel  
Duke Energy Florida  
106 East College Avenue, Suite 800  
Tallahassee, FL 32301-7740  
[matthew.bernier@duke-energy.com](mailto:matthew.bernier@duke-energy.com)  
[robert.pickels@duke-energy.com](mailto:robert.pickels@duke-energy.com)

Mr. Jon C Moyle, Jr.  
Moyle Law Firm  
118 North Gadsden Street  
Tallahassee, FL 32301  
[jmoyle@moylelaw.com](mailto:jmoyle@moylelaw.com)  
[mqualls@moylelaw.com](mailto:mqualls@moylelaw.com)

Ms. Beth Keating  
Gunster, Yoakley & Stewart, P.A.  
215 S. Monroe St., Suite 601  
Tallahassee, FL 32301  
[bkeating@gunster.com](mailto:bkeating@gunster.com)

Maria Moncada  
David M. Lee  
Florida Power & Light Company  
700 Universe Boulevard  
Juno Beach, FL 33408-0420  
[maria.moncada@fpl.com](mailto:maria.moncada@fpl.com)  
[david.lee@fpl.com](mailto:david.lee@fpl.com)

Mr. Kenneth Hoffman  
Vice President, Regulatory Relations  
Florida Power & Light Company  
215 South Monroe Street, Suite 810  
Tallahassee, FL 32301-1859  
[ken.hoffman@fpl.com](mailto:ken.hoffman@fpl.com)

Mr. Mike Cassel  
Regulatory and Governmental Affairs  
Florida Public Utilities Company  
Florida Division of Chesapeake Utilities Corp.  
1750 SW 14th Street, Suite 200  
Fernandina Beach, FL 32034  
[mcassel@fpuc.com](mailto:mcassel@fpuc.com)

Mr. Russell A. Badders  
Vice President & Associate General Counsel  
Gulf Power Company  
One Energy Place  
Pensacola FL 32520  
[russell.badders@nexteranergy.com](mailto:russell.badders@nexteranergy.com)

Mr. James W. Brew  
Ms. Laura W. Baker  
Stone Mattheis Xenopoulos & Brew, PC  
1025 Thomas Jefferson Street, NW  
Eighth Floor, West Tower  
Washington, D.C. 20007-5201  
[jbrew@smxblaw.com](mailto:jbrew@smxblaw.com)  
[lwb@smxblaw.com](mailto:lwb@smxblaw.com)

Peter J. Mattheis  
Michael K. Lavanga  
Stone Mattheis Xenopoulos & Brew, PC  
1025 Thomas Jefferson Street, NW  
Eighth Floor, West Tower  
Washington DC 20007-5201  
[mkl@smxblaw.com](mailto:mkl@smxblaw.com)  
[pjm@smxblaw.com](mailto:pjm@smxblaw.com)

  
ATTORNEY

---

ORIGINAL SHEET NO. 8.401.19A  
TAMPA ELECTRIC COMPANY

ACTUAL UNIT PERFORMANCE DATA

JANUARY 2021 - DECEMBER 2021

PLANT/UNIT		MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	PERIOD	
BAYSIDE 1		Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	2021
1. Equivalent Availability Factor (%)	EAF	81.0	97.3	70.7	89.9	95.5	91.1	98.4	96.9	97.2				90.7
2. Period Hours	PH	744.0	672.0	743.0	720.0	744.0	720.0	744.0	744.0	720.0				6,551.0
3. Service Hours	SH	2.9	667.0	725.2	712.0	671.4	608.6	744.0	744.0	720.0				5,595.1
4. Reserve Shutdown Hours	RSH	599.3	0.0	0.0	0.0	40.4	49.2	0.0	0.0	0.0				688.9
5. Unavailable Hours	UH	141.7	12.9	148.0	49.4	32.2	62.2	8.0	15.3	13.2				482.9
6. Planned Outage Hours	POH	0.0	0.0	79.9	39.9	0.0	0.0	0.0	0.0	0.0				119.8
7. Forced Outage Hours	FOH	0.8	7.9	68.1	9.6	0.8	0.0	1.7	0.0	1.6				90.5
8. Maintenance Outage Hours	MOH	141.0	5.0	0.0	0.0	31.5	62.2	6.3	15.3	11.6				272.9
9a. Partial Planned Outage Hours	PPOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				0.0
9b. Load Reduction Partial Planned (MW)	LRPP	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				0.0
10a. Partial Forced Outage Hours	PFOH	0.0	29.2	241.0	31.0	0.0	0.0	7.5	0.0	7.1				315.8
10b. Load Reduction Partial Forced (MW)	LRPF	0.0	79.0	79.0	69.0	0.0	0.0	78.9	0.0	79.0				78.0
11a. Partial Maintenance Outage Hours	PMOH	0.0	21.6	196.7	179.1	14.5	15.1	28.3	68.7	52.3				576.3
11b. Load Reduction Partial Maintenance (MW)	LRPM	0.0	79.0	185.3	79.0	79.1	79.1	79.0	79.0	79.0				115.3
12. Net Summer Continuous Rating (MW)	NSC	701.0	701.0	701.0	701.0	701.0	701.0	701.0	701.0	701.0				701.0
13. Operating British Thermal Units (GBTU)	OPR BTU	0.0	2,629.4	2,086.8	1,896.0	1,807.3	1,953.9	2,492.6	2,575.2	2,280.5				17,721.6
14. Net Generation (MWH)	NETGEN	0.0	356,616.9	281,193.7	252,014.3	238,038.7	261,453.6	334,585.1	348,617.0	307,281.9				2,379,801.2
15. Avg. Net Operating Heat Rate (BTU/KWH)	ANOHR	0.0	7,373.0	7,421.0	7,524.0	7,592.0	7,473.0	7,450.0	7,387.0	7,421.0				7,446.7
16. Net Output Factor (%)	NOF	0.0	67.5	49.0	50.5	50.6	61.3	64.2	66.8	60.9				58.2
17. Net Period Continuous Rating (MW)	NPC	792.0	792.0	792.0	701.0	701.0	701.0	701.0	701.0	701.0				731.3
18. Avg. Net Operating Heat Rate Equation		ANOHR = NOF (-2.852) + 7,630												

Note: Period hours may not match the Service, RS or Unavailable hours due to the individual componet hours of the Combined Cycle unit.

ORIGINAL SHEET NO. 8.401.19A  
TAMPA ELECTRIC COMPANY

ACTUAL UNIT PERFORMANCE DATA

JANUARY 2021 - DECEMBER 2021

PLANT/UNIT		MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	PERIOD	
BAYSIDE 2		Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	2021
1. Equivalent Availability Factor (%)	EAF	98.4	99.6	97.3	96.4	83.7	94.8	100.0	97.0	99.4				96.3
2. Period Hours	PH	744.0	672.0	743.0	720.0	744.0	720.0	744.0	744.0	720.0				6,551.0
3. Service Hours	SH	744.0	672.0	742.0	720.0	744.0	720.0	744.0	744.0	715.8				6,545.8
4. Reserve Shutdown Hours	RSH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				0.0
5. Unavailable Hours	UH	7.3	1.8	14.3	17.4	81.2	25.0	0.0	14.7	4.3				166.0
6. Planned Outage Hours	POH	0.0	0.0	0.0	1.3	81.2	25.0	0.0	0.0	0.0				107.5
7. Forced Outage Hours	FOH	0.0	1.8	0.0	16.1	0.0	0.0	0.0	0.1	4.3				22.3
8. Maintenance Outage Hours	MOH	7.3	0.0	14.3	0.0	0.0	0.0	0.0	14.6	0.0				36.2
9a. Partial Planned Outage Hours	PPOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				0.0
9b. Load Reduction Partial Planned (MW)	LRPP	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				0.0
10a. Partial Forced Outage Hours	PFOH	0.0	10.5	0.0	95.9	0.0	0.0	0.0	0.8	0.0				107.2
10b. Load Reduction Partial Forced (MW)	LRPF	0.0	77.0	0.0	77.0	0.0	0.0	0.0	77.3	0.0				77.0
11a. Partial Maintenance Outage Hours	PMOH	65.9	0.0	81.8	7.9	483.3	148.9	0.0	87.6	0.0				875.2
11b. Load Reduction Partial Maintenance (MW)	LRPM	77.0	0.0	77.0	77.0	77.0	77.0	0.0	77.0	0.0				77.0
12. Net Summer Continuous Rating (MW)	NSC	929.0	929.0	929.0	929.0	929.0	929.0	929.0	929.0	929.0				929.0
13. Operating British Thermal Units (GBTU)	OPR BTU	2,941.7	3,623.8	3,326.4	2,405.3	2,292.7	3,237.0	3,660.5	3,348.3	2,662.9				27,498.5
14. Net Generation (MWH)	NETGEN	394,036.0	493,064.0	449,494.3	322,071.7	302,913.2	440,655.5	498,654.1	457,316.9	358,700.0				3,716,905.7
15. Avg. Net Operating Heat Rate (BTU/KWH)	ANOHR	7,466.0	7,349.0	7,400.0	7,468.0	7,569.0	7,346.0	7,341.0	7,322.0	7,424.0				7,398.2
16. Net Output Factor (%)	NOF	50.6	70.1	57.8	48.2	43.8	65.9	72.2	66.2	54.6				58.6
17. Net Period Continuous Rating (MW)	NPC	1,047.0	1,047.0	1,047.0	929.0	929.0	929.0	929.0	929.0	929.0				968.3
18. Avg. Net Operating Heat Rate Equation		ANOHR = NOF ( -6.673 ) + 7,965												

Note: Period hours may not match the Service, RS or Unavailable hours due to the individual component hours of the Combined Cycle unit.

ORIGINAL SHEET NO. 8.401.19A  
TAMPA ELECTRIC COMPANY

ACTUAL UNIT PERFORMANCE DATA

JANUARY 2021 - DECEMBER 2021

PLANT/UNIT		MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	PERIOD	
BIG BEND 4		Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	2021
1. Equivalent Availability Factor (%)	EAF	52.0	79.5	69.5	18.7	57.1	82.2	37.4	81.2	82.2				62.0
2. Period Hours	PH	744.0	672.0	743.0	720.0	744.0	720.0	744.0	744.0	720.0				6,551.0
3. Service Hours	SH	534.6	653.4	641.5	313.9	589.9	720.0	410.5	741.8	720.0				5,325.6
4. Reserve Shutdown Hours	RSH	104.6	18.6	1.0	0.0	28.4	0.0	0.0	0.0	0.0				152.6
5. Unavailable Hours	UH	104.8	0.0	100.5	406.1	125.7	0.0	333.5	2.2	0.0				1,072.8
6. Planned Outage Hours	POH	0.0	0.0	96.2	400.9	0.0	0.0	0.0	0.0	0.0				497.1
7. Forced Outage Hours	FOH	4.3	0.0	4.3	5.3	0.0	0.0	0.0	2.2	0.0				16.1
8. Maintenance Outage Hours	MOH	100.5	0.0	0.0	0.0	125.7	0.0	333.5	0.0	0.0				559.7
9a. Partial Planned Outage Hours	PPOH	643.5	672.0	643.5	714.8	618.3	720.0	410.5	741.8	720.0				5,884.4
9b. Load Reduction Partial Planned (MW)	LRPP	85.0	85.0	85.0	75.0	75.0	75.0	75.0	78.2	75.0				78.7
10a. Partial Forced Outage Hours	PFOH	336.0	24.1	0.0	129.5	441.3	0.0	113.6	0.0	0.0				1,044.5
10b. Load Reduction Partial Forced (MW)	LRPF	161.5	105.0	0.0	169.2	80.0	0.0	220.0	0.0	0.0				133.1
11a. Partial Maintenance Outage Hours	PMOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				0.0
11b. Load Reduction Partial Maintenance (MW)	LRPM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				0.0
12. Net Summer Continuous Rating (MW)	NSC	422.0	422.0	422.0	422.0	422.0	422.0	422.0	422.0	422.0				422.0
13. Operating British Thermal Units (GBTU)	OPR BTU	1,135.4	2,224.0	1,699.2	936.4	1,619.8	2,011.5	977.8	2,387.5	2,598.0				15,589.6
14. Net Generation (MWH)	NETGEN	114,956.0	212,466.0	159,431.0	78,608.0	151,856.0	183,123.0	84,384.0	217,485.0	245,778.0				1,448,087.0
15. Avg. Net Operating Heat Rate (BTU/KWH)	ANOHR	9,877.0	10,468.0	10,658.0	11,912.0	10,667.0	10,984.0	11,587.0	10,978.0	10,570.0				10,765.7
16. Net Output Factor (%)	NOF	49.8	75.3	57.4	59.4	61.0	60.3	48.7	69.5	80.9				63.9
17. Net Period Continuous Rating (MW)	NPC	432.0	432.0	432.0	422.0	422.0	422.0	422.0	422.0	422.0				425.3
18. Avg. Net Operating Heat Rate Equation		ANOHR = NOF ( -5.6236) + 11,149												

ORIGINAL SHEET NO. 8.401.19A  
TAMPA ELECTRIC COMPANY

ACTUAL UNIT PERFORMANCE DATA

JANUARY 2021 - DECEMBER 2021

PLANT/UNIT		MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	PERIOD
POLK 1		Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	2021
1. Equivalent Availability Factor (%)	EAF	73.4	99.9	91.9	88.9	58.4	0.0	0.0	0.0	0.1				45.4
2. Period Hours	PH	744.0	672.0	743.0	720.0	744.0	720.0	744.0	744.0	720.0				6,551.0
3. Service Hours	SH	73.3	63.4	343.5	312.4	434.4	0.0	0.0	0.0	0.9				1,227.9
4. Reserve Shutdown Hours	RSH	472.9	608.0	385.5	327.3	0.0	0.0	0.0	0.0	0.0				1,793.7
5. Unavailable Hours	UH	197.9	0.6	15.0	80.3	309.6	720.0	744.0	744.0	719.4				3,530.8
6. Planned Outage Hours	POH	0.0	0.0	0.0	0.0	309.6	216.0	0.0	0.0	0.0				525.6
7. Forced Outage Hours	FOH	197.9	0.6	15.0	80.3	0.0	504.0	744.0	744.0	719.4				3,005.2
8. Maintenance Outage Hours	MOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				0.0
9a. Partial Planned Outage Hours	PPOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				0.0
9b. Load Reduction Partial Planned (MW)	LRPP	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				0.0
10a. Partial Forced Outage Hours	PFOH	0.0	0.0	125.2	0.0	0.0	0.0	0.0	0.0	0.0				125.2
10b. Load Reduction Partial Forced (MW)	LRPF	0.0	0.0	77.0	0.0	0.0	0.0	0.0	0.0	0.0				77.0
11a. Partial Maintenance Outage Hours	PMOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				0.0
11b. Load Reduction Partial Maintenance (MW)	LRPM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				0.0
12. Net Summer Continuous Rating (MW)	NSC	202.0	202.0	202.0	202.0	202.0	202.0	202.0	202.0	202.0				202.0
13. Operating British Thermal Units (GBTU)	OPR BTU	82.2	88.1	437.0	405.5	575.6	0.0	0.0	0.0	0.6				1,589.0
14. Net Generation (MWH)	NETGEN	7,975.0	7,431.0	47,770.0	45,983.0	67,820.0	-2,567.0	-2,999.0	-2,848.0	-2,577.0				165,988.0
15. Avg. Net Operating Heat Rate (BTU/KWH)	ANOHR	10,308.0	11,856.0	9,149.0	8,818.0	8,487.0	0.0	0.0	0.0	0.0				9,573.0
16. Net Output Factor (%)	NOF	47.3	50.9	60.5	72.9	77.3	0.0	0.0	0.0	-1,500.9				64.0
17. Net Period Continuous Rating (MW)	NPC	230.0	230.0	230.0	202.0	202.0	202.0	202.0	202.0	202.0				211.3
18. Avg. Net Operating Heat Rate Equation		ANOHR = NOF ( -7.778 ) + 10,842												

Note: Period hours may not match the Service, RS or Unavailable hours due to the individual component hours of the Combined Cycle unit.

ORIGINAL SHEET NO. 8.401.19A  
TAMPA ELECTRIC COMPANY

ACTUAL UNIT PERFORMANCE DATA

JANUARY 2021 - DECEMBER 2021

PLANT/UNIT		MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	PERIOD	
POLK 2		Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	2021
1. Equivalent Availability Factor (%)	EAF	99.8	58.5	71.1	75.4	86.2	96.7	99.3	97.5	100.0				87.4
2. Period Hours	PH	744.0	672.0	743.0	720.0	744.0	720.0	744.0	744.0	720.0				6,551.0
3. Service Hours	SH	741.3	43.1	445.6	720.0	741.4	720.0	744.0	744.0	720.0				5,619.4
4. Reserve Shutdown Hours	RSH	1.3	349.7	146.0	0.0	0.0	0.0	0.0	0.0	0.0				497.0
5. Unavailable Hours	UH	1.4	279.2	151.4	96.8	56.4	23.6	5.2	17.9	0.1				632.0
6. Planned Outage Hours	POH	1.1	268.8	143.2	96.8	29.6	11.3	0.0	9.7	0.0				560.5
7. Forced Outage Hours	FOH	0.3	0.0	8.2	0.0	26.8	12.3	5.2	3.8	0.1				56.7
8. Maintenance Outage Hours	MOH	0.0	10.4	0.0	0.0	0.0	0.0	0.0	4.5	0.0				14.9
9a. Partial Planned Outage Hours	PPOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				0.0
9b. Load Reduction Partial Planned (MW)	LRPP	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				0.0
10a. Partial Forced Outage Hours	PFOH	1.0	0.0	0.0	0.0	181.6	2.9	0.0	17.3	0.0				202.8
10b. Load Reduction Partial Forced (MW)	LRPF	124.8	0.0	0.0	0.0	133.6	32.4	0.0	31.9	0.0				123.4
11a. Partial Maintenance Outage Hours	PMOH	0.0	0.0	218.3	661.1	206.6	0.0	2.1	0.0	0.0				1,088.1
11b. Load Reduction Partial Maintenance (MW)	LRPM	0.0	0.0	349.6	129.2	120.0	0.0	106.9	0.0	0.0				171.6
12. Net Summer Continuous Rating (MW)	NSC	1,061.0	1,061.0	1,061.0	1,061.0	1,061.0	1,061.0	1,061.0	1,061.0	1,061.0				1,061.0
13. Operating British Thermal Units (GBTU)	OPR BTU	3,751.0	185.9	2,381.5	3,202.4	3,557.7	4,023.5	4,471.3	4,289.3	4,279.9				30,142.7
14. Net Generation (MWH)	NETGEN	538,346.0	13,910.0	317,805.0	454,215.0	503,977.0	575,457.0	641,134.0	611,105.0	610,131.0				4,266,080.0
15. Avg. Net Operating Heat Rate (BTU/KWH)	ANOHR	6,968.0	13,368.0	7,494.0	7,050.0	7,059.0	6,992.0	6,974.0	7,019.0	7,015.0				7,065.7
16. Net Output Factor (%)	NOF	60.5	26.9	59.3	59.5	64.1	75.3	81.2	77.4	79.9				68.6
17. Net Period Continuous Rating (MW)	NPC	1,200.0	1,200.0	1,200.0	1,061.0	1,061.0	1,061.0	1,061.0	1,061.0	1,061.0				1,107.3
18. Avg. Net Operating Heat Rate Equation		ANOHR = NOF ( -53.862 ) + 11,266												

Note: Period hours may not match the Service, RS or Unavailable hours due to the individual component hours of the Combined Cycle unit.



Tampa Electric Company  
 Outage Listing  
 September 2021

Unit	Event Number	Event Type	Event Begin Date	Event Begin Time	Event End Date	Event End Time	Event Duration	Cause Code	Cause Code Description	Narrative	Net Available Capacity	Net Dependable Capacity
BS CT1(A)	65	Reserve Shutdown	9/3/2021	1:46:00	9/3/2021	12:26:00	10.67			Reserve Shutdown		156
BS CT1(A)	66	Reserve Shutdown	9/10/2021	23:52:00	9/11/2021	10:57:00	11.08			Reserve Shutdown		156
BS CT1(A)	67	Reserve Shutdown	9/19/2021	23:29:00	9/20/2021	11:28:00	11.98			Reserve Shutdown		156
BS CT1(A)	68	Reserve Shutdown	9/20/2021	23:46:00	9/21/2021	14:40:00	14.9			Reserve Shutdown		156
BS CT1(A)	69	Reserve Shutdown	9/21/2021	20:42:00	9/22/2021	13:47:00	17.08			Reserve Shutdown		156
BS CT1(A)	70	Reserve Shutdown	9/23/2021	0:39:00	9/24/2021	6:09:00	29.5			Reserve Shutdown		156
BS CT1(A)	71	Reserve Shutdown	9/25/2021	0:58:00	9/25/2021	11:43:00	10.75			Reserve Shutdown		156
BS CT1(A)	72	Reserve Shutdown	9/26/2021	23:52:00	9/27/2021	15:05:00	15.22			Reserve Shutdown		156
BS CT1(A)	73	Reserve Shutdown	9/28/2021	23:59:00	9/29/2021	16:00:00	16.02			Reserve Shutdown		156
BS CT1(A)	74	Reserve Shutdown	9/29/2021	18:45:00	9/30/2021	12:45:00	18			Reserve Shutdown		156

Tampa Electric Company  
 Outage Listing  
 September 2021

Unit	Event Number	Event Type	Event Begin Date	Event Begin Time	Event End Date	Event End Time	Event Duration	Cause Code	Cause Code Description	Narrative	Net Available Capacity	Net Dependable Capacity
BS CT1(B)	56	Reserve Shutdown	9/3/2021	20:18:00	9/4/2021	12:44:00	16.43			Reserve Shutdown		156
BS CT1(B)	57	Reserve Shutdown	9/11/2021	0:56:00	9/11/2021	15:41:00	14.75			Reserve Shutdown		156
BS CT1(B)	58	Reserve Shutdown	9/15/2021	0:25:00	9/15/2021	13:18:00	12.88			Reserve Shutdown		156
BS CT1(B)	59	Reserve Shutdown	9/16/2021	0:18:00	9/16/2021	11:02:00	10.73			Reserve Shutdown		156
BS CT1(B)	60	Reserve Shutdown	9/17/2021	1:01:00	9/17/2021	18:31:00	17.5			Reserve Shutdown		156

7

Tampa Electric Company  
 Outage Listing  
 September 2021

Unit	Event Number	Event Type	Event Begin Date	Event Begin Time	Event End Date	Event End Time	Event Duration	Cause Code	Cause Code Description	Narrative	Net Available Capacity	Net Dependable Capacity
BS CT1(C)	80	Reserve Shutdown	9/1/2021	0:16:00	9/1/2021	12:55:00	12.65			Reserve Shutdown	156	156
BS CT1(C)	81	Reserve Shutdown	9/1/2021	19:06:00	9/2/2021	12:59:00	17.88			Reserve Shutdown	156	156
BS CT1(C)	82	Reserve Shutdown	9/3/2021	22:21:00	9/4/2021	15:37:00	17.27			Reserve Shutdown	156	156
BS CT1(C)	83	Reserve Shutdown	9/6/2021	2:53:00	9/6/2021	11:50:00	8.95			Reserve Shutdown	156	156
BS CT1(C)	84	Unplanned (Forced) O	9/6/2021	11:50:00	9/6/2021	18:53:00	7.05	0520	Other main steam valves (including vent and	The gear head on our HP Feedwater Motor Operated Valve broke before start up and r	156	156
BS CT1(C)	85	Reserve Shutdown	9/6/2021	18:53:00	9/7/2021	11:06:00	16.22				156	156
BS CT1(C)	86	Reserve Shutdown	9/9/2021	1:00:00	9/9/2021	11:35:00	10.58			Reserve Shutdown	156	156
BS CT1(C)	87	Reserve Shutdown	9/16/2021	20:15:00	9/17/2021	2:44:00	6.48			Reserve Shutdown	156	156
BS CT1(C)	88	Maintenance Outage	9/17/2021	2:44:00	9/19/2021	7:00:00	52.27	5272	Boroscope inspection	1C Borescope Inspection performed to investigate vibration issues.	156	156
BS CT1(C)	89	Reserve Shutdown	9/19/2021	7:00:00	9/19/2021	16:24:00	9.4				156	156
BS CT1(C)	90	Reserve Shutdown	9/21/2021	18:27:00	9/22/2021	11:46:00	17.32			Reserve Shutdown	156	156
BS CT1(C)	91	Reserve Shutdown	9/22/2021	21:19:00	9/23/2021	14:45:00	17.43			Reserve Shutdown	156	156
BS CT1(C)	92	Reserve Shutdown	9/25/2021	0:08:00	9/25/2021	13:01:00	12.88			Reserve Shutdown	156	156
BS CT1(C)	93	Reserve Shutdown	9/28/2021	1:28:00	9/28/2021	12:20:00	10.87			Reserve Shutdown	156	156
BS CT1(C)	94	Reserve Shutdown	9/29/2021	1:10:00	9/29/2021	17:35:00	16.42			Reserve Shutdown	156	156
BS CT1(C)	95	Reserve Shutdown	9/30/2021	2:15:00	9/30/2021	15:29:00	13.23			Reserve Shutdown	156	156

**Tampa Electric Company**  
**Outage Listing**  
**September 2021**

Unit	Event Number	Event Type	Event Begin Date	Event Begin Time	Event End Date	Event End Time	Event Duration	Cause Code	Cause Code Description	Narrative	Net Available Capacity	Net Dependable Capacity
BS ST 1	27	Unplanned (Forced) Derating - Immediate	9/6/2021	11:50:00	9/6/2021	18:53:00	7.05	3999	Other miscellaneous balance of plant problems	The gear head on 1C CT HP Feedwater Motor Operated Valve broke bef	154	233
BS ST 1	28	Maintenance Derating	9/17/2021	2:44:00	9/19/2021	7:00:00	52.27	3999	Other miscellaneous balance of plant problems	1C Borescope Inspection performed to investigate vibration issues.	154	233

Tampa Electric Company  
 Outage Listing  
 September 2021

Unit	Event Number	Event Type	Event Begin Date	Event Begin Time	Event End Date	Event End Time	Event Duration	Cause Code	Cause Code Description	Narrative	Net Available Capacity	Net Dependable Capacity
BS CT2(A)	34	Reserve Shutdown	9/11/2021	10:18:00	9/11/2021	12:33:00	2.25			Reserve Shutdown		156
BS CT2(A)	35	Reserve Shutdown	9/14/2021	18:11:00	9/15/2021	12:26:00	18.25			Reserve Shutdown		156
BS CT2(A)	36	Reserve Shutdown	9/17/2021	21:01:00	9/18/2021	15:19:00	18.3			Reserve Shutdown		156
BS CT2(A)	37	Reserve Shutdown	9/19/2021	2:06:00	9/19/2021	11:58:00	9.87			Reserve Shutdown		156
BS CT2(A)	38	Reserve Shutdown	9/26/2021	2:10:00	9/26/2021	14:33:00	12.38			Reserve Shutdown		156
BS CT2(A)	39	Reserve Shutdown	9/27/2021	20:26:00	9/29/2021	13:02:00	40.6			Reserve Shutdown		156

Tampa Electric Company  
 Outage Listing  
 September 2021

Unit	Event Number	Event Type	Event Begin Date	Event Begin Time	Event End Date	Event End Time	Event Duration	Cause Code	Cause Code Description	Narrative	Net Available Capacity	Net Dependable Capacity
BS CT2(B)	36	Reserve Shutdown	9/2/2021	21:04:00	9/3/2021	11:42:00	14.63			Reserve Shutdown		156
BS CT2(B)	37	Reserve Shutdown	9/7/2021	23:51:00	9/8/2021	12:43:00	12.87			Reserve Shutdown		156
BS CT2(B)	38	Reserve Shutdown	9/16/2021	23:27:00	9/17/2021	12:58:00	13.52			Reserve Shutdown		156
BS CT2(B)	39	Reserve Shutdown	9/17/2021	19:23:00	9/18/2021	12:11:00	16.8			Reserve Shutdown		156
BS CT2(B)	40	Reserve Shutdown	9/22/2021	9:08:00	9/22/2021	16:41:00	7.55			Reserve Shutdown		156
BS CT2(B)	41	Reserve Shutdown	9/24/2021	1:46:00	9/24/2021	15:07:00	13.35			Reserve Shutdown		156

Tampa Electric Company  
Outage Listing  
September 2021

Unit	Event Number	Event Type	Event Begin Date	Event Begin Time	Event End Date	Event End Time	Event Duration	Cause Code	Cause Code Description	Narrative	Net Available Capacity	Net Dependable Capacity
BS CT2(C)	107	Reserve Shutdown	9/1/2021	23:57:00	9/2/2021	13:26:00	13.48			Reserve Shutdown		156
BS CT2(C)	108	Reserve Shutdown	9/5/2021	2:16:00	9/5/2021	12:52:00	10.6			Reserve Shutdown		156
BS CT2(C)	109	Reserve Shutdown	9/10/2021	0:35:00	9/10/2021	13:51:00	13.27			Reserve Shutdown		156
BS CT2(C)	110	Reserve Shutdown	9/11/2021	18:11:00	9/12/2021	13:07:00	18.93			Reserve Shutdown		156
BS CT2(C)	111	Reserve Shutdown	9/13/2021	0:50:00	9/13/2021	11:53:00	11.05			Reserve Shutdown		156
BS CT2(C)	112	Reserve Shutdown	9/14/2021	2:58:00	9/14/2021	13:38:00	10.67			Reserve Shutdown		156
BS CT2(C)	113	Reserve Shutdown	9/15/2021	23:29:00	9/17/2021	6:30:00	31.02			Reserve Shutdown		156
BS CT2(C)	114	Reserve Shutdown	9/17/2021	19:00:00	9/18/2021	3:44:00	8.73			Reserve Shutdown		156
BS CT2(C)	115	Reserve Shutdown	9/19/2021	4:49:00	9/19/2021	13:21:00	8.53			Reserve Shutdown		156
BS CT2(C)	116	Reserve Shutdown	9/20/2021	0:26:00	9/21/2021	13:13:00	36.78			Reserve Shutdown		156
BS CT2(C)	117	Reserve Shutdown	9/21/2021	18:59:00	9/22/2021	13:01:00	18.03			Reserve Shutdown		156
BS CT2(C)	118	Reserve Shutdown	9/22/2021	23:30:00	9/23/2021	16:18:00	16.8			Reserve Shutdown		156
BS CT2(C)	119	Reserve Shutdown	9/25/2021	2:44:00	9/25/2021	13:41:00	10.95			Reserve Shutdown		156
BS CT2(C)	120	Reserve Shutdown	9/25/2021	19:52:00	9/26/2021	11:52:00	16			Reserve Shutdown		156
BS CT2(C)	121	Reserve Shutdown	9/26/2021	20:31:00	9/27/2021	14:16:00	17.75			Reserve Shutdown		156
BS CT2(C)	122	Reserve Shutdown	9/28/2021	9:46:00	9/29/2021	15:23:00	29.62			Reserve Shutdown		156
BS CT2(C)	123	Reserve Shutdown	9/30/2021	0:53:00	9/30/2021	14:09:00	13.27			Reserve Shutdown		156
BS CT2(C)	124	Reserve Shutdown	9/30/2021	23:46:00	9/30/2021	23:59:00	0.23			Reserve Shutdown		156

Tampa Electric Company  
Outage Listing  
September 2021

Unit	Event Number	Event Type	Event Begin Date	Event Begin Time	Event End Date	Event End Time	Event Duration	Cause Code	Cause Code Description	Narrative	Net Available Capacity	Net Dependable Capacity
BS ST 2	14	Unplanned (Forced) Outage - Immediate	9/17/2021	17:01:00	9/18/2021	5:58:00	12.95	4309	Other turbine instrument and control problems	Power supply to our Steam Turbine #2 Reheat Stop Valves and Intercept Valves limit swi		305



Tampa Electric Company  
 Outage Listing  
 September 2021

Unit	Event Number	Event Type	Event Begin Date	Event Begin Time	Event End Date	Event End Time	Event Duration	Cause Code	Cause Code Description	Narrative	Net Available Capacity	Net Dependable Capacity
BS CT2(D)	109	Reserve Shutdown	9/1/2021	1:19:00	9/2/2021	13:52:00	36.55			Reserve Shutdown		156
BS CT2(D)	110	Reserve Shutdown	9/2/2021	23:31:00	9/3/2021	14:02:00	14.52			Reserve Shutdown		156
BS CT2(D)	111	Reserve Shutdown	9/4/2021	2:13:00	9/4/2021	13:29:00	11.27			Reserve Shutdown		156
BS CT2(D)	112	Reserve Shutdown	9/5/2021	3:01:00	9/5/2021	16:35:00	13.57			Reserve Shutdown		156
BS CT2(D)	113	Reserve Shutdown	9/6/2021	1:13:00	9/6/2021	12:17:00	11.07			Reserve Shutdown		156
BS CT2(D)	114	Reserve Shutdown	9/7/2021	0:58:00	9/7/2021	15:24:00	14.43			Reserve Shutdown		156
BS CT2(D)	115	Reserve Shutdown	9/8/2021	0:57:00	9/8/2021	14:14:00	13.28			Reserve Shutdown		156
BS CT2(D)	116	Reserve Shutdown	9/8/2021	23:19:00	9/10/2021	12:30:00	37.18			Reserve Shutdown		156
BS CT2(D)	117	Reserve Shutdown	9/11/2021	2:28:00	9/12/2021	11:32:00	33.07			Reserve Shutdown		156
BS CT2(D)	118	Reserve Shutdown	9/12/2021	18:31:00	9/13/2021	12:41:00	18.17			Reserve Shutdown		156
BS CT2(D)	119	Reserve Shutdown	9/14/2021	0:27:00	9/16/2021	12:59:00	60.53			Reserve Shutdown		156
BS CT2(D)	120	Reserve Shutdown	9/18/2021	3:16:00	9/19/2021	10:50:00	31.57			Reserve Shutdown		156
BS CT2(D)	121	Reserve Shutdown	9/19/2021	21:40:00	9/20/2021	13:22:00	15.7			Reserve Shutdown		156
BS CT2(D)	122	Reserve Shutdown	9/21/2021	0:52:00	9/21/2021	16:25:00	15.55			Reserve Shutdown		156
BS CT2(D)	123	Reserve Shutdown	9/22/2021	0:08:00	9/22/2021	14:27:00	14.32			Reserve Shutdown		156
BS CT2(D)	124	Reserve Shutdown	9/24/2021	0:34:00	9/25/2021	11:04:00	34.5			Reserve Shutdown		156
BS CT2(D)	125	Reserve Shutdown	9/25/2021	21:27:00	9/26/2021	13:01:00	15.57			Reserve Shutdown		156
BS CT2(D)	126	Reserve Shutdown	9/27/2021	9:13:00	9/27/2021	16:44:00	7.52			Reserve Shutdown		156
BS CT2(D)	127	Reserve Shutdown	9/28/2021	0:18:00	9/28/2021	13:09:00	12.85			Reserve Shutdown		156
BS CT2(D)	128	Reserve Shutdown	9/28/2021	23:09:00	9/29/2021	18:24:00	19.25			Reserve Shutdown		156
BS CT2(D)	129	Reserve Shutdown	9/29/2021	23:36:00	9/30/2021	16:08:00	16.53			Reserve Shutdown		156
BS CT2(D)	130	Reserve Shutdown	9/30/2021	21:12:00	9/30/2021	23:59:00	2.8			Reserve Shutdown		156

Tampa Electric Company  
 Outage Listing  
 September 2021

Unit	Event Number	Event Type	Event Begin Date	Event Begin Time	Event End Date	Event End Time	Event Duration	Cause Code	Cause Code Description	Narrative	Net Available Capacity	Net Dependable Capacity
Big Bend 4	19	Planned Der:	9/1/2021	0:00:00	9/30/2021	23:59:00	720	1035	Platen superheater	Reduced the steam header pressure (2000#) to preserve boiler tube integrity (reliabili	347	422
Big Bend 4	19	Planned Der:	9/1/2021	0:00:00	9/1/2021	0:00:00	0	1035	Platen superheater	Reduced the steam header pressure (2000#) to preserve boiler tube integrity (reliabili	347	422

Tampa Electric Company  
 Outage Listing  
 September 2021

Unit	Event Number	Event Type	Event Begin Date	Event Begin Time	Event End Date	Event End Time	Event Duration	Cause Code	Cause Code Description	Narrative	Net Available Capacity	Net Dependable Capacity
Polk 1	42	Unplanned (Forced) Outage - Immediate	9/1/2021	0:00:00	9/1/2021	0:00:00	0	4899	Other miscellaneous generator problems	During Turbine Combustion inspection, a generator inspection revealed suspicious find		152
Polk 1	42	Unplanned (Forced) Outage - Immediate	9/1/2021	0:00:00	9/29/2021	23:04:00	695.07	4899	Other miscellaneous generator problems	During Turbine Combustion inspection, a generator inspection revealed suspicious find		152
Polk 1	43	Unplanned (Forced) Outage - Immediate	9/29/2021	23:55:00	9/30/2021	23:59:00	24.08	3430	Feedwater regulating (boiler level control) valve	On Plant startup, HP drum level control valve began to leak at the body-to-bonnet join		152

**Tampa Electric Company**  
**Outage Listing**  
**September 2021**

Unit	Event Number	Event Type	Event Begin Date	Event Begin Time	Event End Date	Event End Time	Event Duration	Cause Code	Cause Code Description	Narrative	Net Available Capacity	Net Dependable Capacity
Polk 1 ST	46	Unplanned (Forced) Outage - Immediate	9/1/2021	0:00:00	9/1/2021	0:00:00	0	3999	Other miscellaneous balance of During Turbine Combustion inspection, a generator inspection revealed suspicious findi			50
Polk 1 ST	46	Unplanned (Forced) Outage - Immediate	9/1/2021	0:00:00	9/29/2021	23:55:00	695.92	3999	Other miscellaneous balance of During Turbine Combustion inspection, a generator inspection revealed suspicious findi			50
Polk 1 ST	47	Unplanned (Forced) Outage - Immediate	9/29/2021	23:55:00	9/30/2021	23:59:00	24.08	3999	Other miscellaneous balance of On Plant startup, HP drum level control valve began to leak at the body-to-bonnet join			50

Tampa Electric Company  
 Outage Listing  
 September 2021

Unit	Event Number	Event Type	Event Begin Date	Event Begin Time	Event End Date	Event End Time	Event Duration	Cause Code	Cause Code Description	Narrative	Net Available Capacity	Net Dependable Capacity
Polk 2	155	Reserve Shutdown	9/5/2021	1:48:00	9/5/2021	12:15:00	10.45		Reserve Shutdown		150	150
Polk 2	156	Reserve Shutdown	9/12/2021	1:41:00	9/12/2021	12:48:00	11.12		Reserve Shutdown		150	150
Polk 2	157	Reserve Shutdown	9/19/2021	0:19:00	9/19/2021	1:24:00	1.08		Reserve Shutdown		150	150
Polk 2	158	Reserve Shutdown	9/22/2021	1:29:00	9/22/2021	11:14:00	9.75		Reserve Shutdown		150	150
Polk 2	159	Reserve Shutdown	9/27/2021	22:19:00	9/28/2021	11:58:00	13.65		Reserve Shutdown		150	150

Tampa Electric Company  
Outage Listing  
September 2021

---

Unit	Event Number	Event Type	Event Begin Date	Event Begin Time	Event End Date	Event End Time	Event Duration	Cause Code	Cause Code Description	Narrative	Net Available Capacity	Net Dependable Capacity
------	--------------	------------	------------------	------------------	----------------	----------------	----------------	------------	------------------------	-----------	------------------------	-------------------------

---

Tampa Electric Company  
 Outage Listing  
 September 2021

Unit	Event Number	Event Type	Event Begin Date	Event Begin Time	Event End Date	Event End Time	Event Duration	Cause Code	Cause Code Description	Narrative	Net Available Capacity	Net Dependable Capacity
Polk 3	123	Reserve Shutdown	9/6/2021	0:29:00	9/6/2021	10:23:00	9.9			Reserve Shutdown		150
Polk 3	124	Reserve Shutdown	9/13/2021	22:45:00	9/14/2021	12:12:00	13.45			Reserve Shutdown		150
Polk 3	125	Reserve Shutdown	9/19/2021	19:55:00	9/21/2021	12:12:00	40.28			Reserve Shutdown		150
Polk 3	126	Reserve Shutdown	9/23/2021	11:57:00	9/23/2021	14:05:00	2.13			Reserve Shutdown		150
Polk 3	127	Unplanned (Forced) Outage - Immediate	9/23/2021	14:13:00	9/23/2021	15:11:00	0.97	0520	Other main steam valves (inclu	IP Superheater outlet pressure control valve was sticky in operation. At one point th		150
Polk 3	128	Reserve Shutdown	9/23/2021	20:47:00	9/24/2021	13:04:00	16.28			Reserve Shutdown		150
Polk 3	129	Reserve Shutdown	9/27/2021	1:31:00	9/27/2021	13:52:00	12.35			Reserve Shutdown		150

Tampa Electric Company  
Outage Listing  
September 2021

Unit	Event Number	Event Type	Event Begin Date	Event Begin Time	Event End Date	Event End Time	Event Duration	Cause Code	Cause Code Description	Narrative	Net Available Capacity	Net Dependable Capacity
Polk 4	30	Reserve Shutdown	9/14/2021	21:44:00	9/15/2021	11:35:00	13.85		Reserve Shutdown			150



Tampa Electric Company  
Outage Listing  
September 2021

Unit	Event Number	Event Type	Event Begin Date	Event Begin Time	Event End Date	Event End Time	Event Duration	Cause Code	Cause Code Description	Narrative	Net Available Capacity	Net Dependable Capacity
------	--------------	------------	------------------	------------------	----------------	----------------	----------------	------------	------------------------	-----------	------------------------	-------------------------