

# 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

January 25, 2022

## ELECTRONIC FILING

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

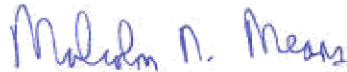
Re: Fuel and Purchased Power Cost Recovery Clause with Generating Performance  
Incentive Factor; FPSC Docket No. 20220001-EI

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 December 2021.

Thank you for your assistance in connection with this matter.

Sincerely,



Malcolm N. Means

MNM/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 January, 2022 to the following:

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)

Mary A. Wessling  
Office of Public Counsel  
111 West Madison Street – Room 812  
Tallahassee, FL 32399  
[wessling.mary@leg.state.fl.us](mailto:wessling.mary@leg.state.fl.us)

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)

Matthew R. Bernier  
Robert L. Pickels  
Stephanie A. Cuello  
Duke Energy Florida  
106 East College Avenue, Suite 800  
Tallahassee, FL 32301  
[matthew.bernier@duke-energy.com](mailto:matthew.bernier@duke-energy.com)  
[robert.pickels@duke-energy.com](mailto:robert.pickels@duke-energy.com)  
[stephanie.cuello@duke-energy.com](mailto:stephanie.cuello@duke-energy.com)  
[FLRegulatoryLegal@duke-energy.com](mailto:FLRegulatoryLegal@duke-energy.com)

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 Jose 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  
Florida Power & Light Company  
134 W. Jefferson St.  
Tallahassee, FL 32301-1859  
[ken.hoffman@fpl.com](mailto:ken.hoffman@fpl.com)

Mr. Mike Cassel  
Regulatory and Governmental Affairs  
Florida Public Utilities Company  
208 Wildlight Ave  
Yulee, FL 32097  
[mcassel@fpuc.com](mailto:mcassel@fpuc.com)

Michelle D. Napier  
Regulatory Affairs Distribution  
Florida Public Utilities Company  
1635 Meathe Drive  
West Palm Beach, FL 33411  
[mnapier@fpuc.com](mailto:mnapier@fpuc.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  
Joseph R. Briscar  
Stone Mattheis Xenopoulos & Brew, PC  
1025 Thomas Jefferson Street, NW  
Eighth Floor, West Tower  
Washington DC 20007-5201  
[pjm@smxblaw.com](mailto:pjm@smxblaw.com)  
[mkl@smxblaw.com](mailto:mkl@smxblaw.com)  
[jrb@smxblaw.com](mailto:jrb@smxblaw.com)



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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	86.2	62.8	99.5	88.8
2. Period Hours	PH	744.0	672.0	743.0	720.0	744.0	720.0	744.0	744.0	720.0	744.0	721.0	744.0	8,760.0
3. Service Hours	SH	2.9	667.0	725.2	712.0	671.4	608.6	744.0	744.0	720.0	648.5	473.1	744.0	7,460.7
4. Reserve Shutdown Hours	RSH	599.3	0.0	0.0	0.0	40.4	49.2	0.0	0.0	0.0	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	96.0	263.6	2.4	844.9
6. Planned Outage Hours	POH	0.0	0.0	79.9	39.9	0.0	0.0	0.0	0.0	0.0	93.4	258.8	0.0	472.0
7. Forced Outage Hours	FOH	0.8	7.9	68.1	9.6	0.8	0.0	1.7	0.0	1.6	0.0	0.1	2.4	93.0
8. Maintenance Outage Hours	MOH	141.0	5.0	0.0	0.0	31.5	62.2	6.3	15.3	11.6	2.6	4.7	0.0	280.2
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	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	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	26.7	21.5	10.2	374.2
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	141.0	79.0	88.9	82.9
11a. Partial Maintenance Outage Hours	PMOH	0.0	21.6	196.7	179.1	14.5	15.1	28.3	68.7	52.3	11.7	21.0	0.0	609.0
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	79.0	79.0	0.0	113.3
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	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	2,258.5	1,923.3	2,899.4	24,802.9
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	304,462.4	264,011.2	395,888.8	3,344,163.6
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	7,418.0	7,285.0	7,324.0	7,416.8
16. Net Output Factor (%)	NOF	0.0	67.5	49.0	50.5	50.6	61.3	64.2	66.8	60.9	67.0	79.6	67.2	61.3
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	701.0	701.0	792.0	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:	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	99.5	93.0	53.4	92.6
2. Period Hours	PH	744.0	672.0	743.0	720.0	744.0	720.0	744.0	744.0	720.0	744.0	721.0	744.0	8,760.0
3. Service Hours	SH	744.0	672.0	742.0	720.0	744.0	720.0	744.0	744.0	715.8	744.0	671.2	445.8	8,406.8
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	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	2.6	50.0	331.5	550.1
6. Planned Outage Hours	POH	0.0	0.0	0.0	1.3	81.2	25.0	0.0	0.0	0.0	0.0	49.2	323.6	480.3
7. Forced Outage Hours	FOH	0.0	1.8	0.0	16.1	0.0	0.0	0.0	0.1	4.3	2.6	0.7	0.0	25.6
8. Maintenance Outage Hours	MOH	7.3	0.0	14.3	0.0	0.0	0.0	0.0	14.6	0.0	0.0	0.0	7.9	44.1
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	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	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	15.7	4.4	0.0	127.3
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	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	0.0	0.0	128.8	1,004.0
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	0.0	0.0	124.8	83.1
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	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	3,399.1	3,669.3	1,461.2	36,028.0
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	463,805.5	499,604.7	195,596.1	4,875,912.0
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	7,329.0	7,344.0	7,470.0	7,389.0
16. Net Output Factor (%)	NOF	50.6	70.1	57.8	48.2	43.8	65.9	72.2	66.2	54.6	67.1	80.1	41.9	59.9
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	929.0	929.0	1,047.0	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:	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	69.4	18.7	57.1	82.2	37.4	81.2	82.2	20.3	0.0	82.0	55.0
2. Period Hours	PH	744.0	672.0	743.0	720.0	744.0	720.0	744.0	744.0	720.0	744.0	721.0	744.0	8,760.0
3. Service Hours	SH	534.6	653.4	641.5	313.9	589.9	720.0	410.5	741.8	720.0	183.8	0.0	663.5	6,172.9
4. Reserve Shutdown Hours	RSH	104.6	18.6	1.0	0.0	28.4	0.0	0.0	0.0	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	560.2	721.0	80.5	2,434.5
6. Planned Outage Hours	POH	0.0	0.0	96.2	400.9	0.0	0.0	0.0	0.0	0.0	560.2	576.0	5.3	1,638.6
7. Forced Outage Hours	FOH	4.3	0.0	4.3	5.3	0.0	0.0	0.0	2.2	0.0	0.0	145.0	75.2	236.3
8. Maintenance Outage Hours	MOH	100.5	0.0	0.0	0.0	125.7	0.0	333.5	0.0	0.0	0.0	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	183.8	0.0	663.5	6,731.7
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	75.0	0.0	35.0	74.3
10a. Partial Forced Outage Hours	PFOH	336.0	24.1	0.0	129.5	441.3	0.0	113.6	0.0	0.0	0.0	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	0.0	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	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	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	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	608.4	0.0	1,350.9	17,549.0
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	62,714.0	0.0	121,299.0	1,632,100.0
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	9,702.0	0.0	11,137.0	10,752.4
16. Net Output Factor (%)	NOF	49.8	75.3	57.4	59.4	61.0	60.3	48.7	69.5	80.9	80.9	0.0	42.3	62.2
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	422.0	422.0	432.0	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	92.3	88.8	58.4	0.0	0.0	0.0	0.1	67.6	72.5	0.0	45.7
2. Period Hours	PH	744.0	672.0	743.0	720.0	744.0	720.0	744.0	744.0	720.0	744.0	721.0	744.0	8,760.0
3. Service Hours	SH	73.3	63.4	343.5	312.4	434.4	0.0	0.0	0.0	0.9	420.2	322.6	0.0	1,970.7
4. Reserve Shutdown Hours	RSH	472.9	608.0	385.5	327.3	0.0	0.0	0.0	0.0	0.0	82.7	199.2	0.0	2,075.6
5. Unavailable Hours	UH	197.9	0.6	15.0	80.3	309.6	720.0	744.0	744.0	719.4	241.1	198.2	744.0	4,714.1
6. Planned Outage Hours	POH	0.0	0.0	0.0	0.0	309.6	216.0	0.0	0.0	0.0	105.9	147.8	0.0	779.3
7. Forced Outage Hours	FOH	197.9	0.6	15.0	80.3	0.0	504.0	744.0	744.0	719.4	135.2	50.4	744.0	3,934.8
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	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	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	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	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	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	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	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	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	497.7	421.7	0.0	2,508.5
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	55,884.0	46,769.0	-2,800.0	265,841.0
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	8,907.0	9,017.0	0.0	9,436.0
16. Net Output Factor (%)	NOF	47.3	50.9	60.5	72.9	77.3	0.0	0.0	0.0	-1,500.9	65.8	71.8	0.0	63.8
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	202.0	202.0	230.0	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	88.9	57.1	90.1	85.3
2. Period Hours	PH	744.0	672.0	743.0	720.0	744.0	720.0	744.0	744.0	720.0	744.0	721.0	744.0	8,760.0
3. Service Hours	SH	741.3	43.1	445.6	720.0	741.4	720.0	744.0	744.0	720.0	744.0	342.6	744.0	7,450.0
4. Reserve Shutdown Hours	RSH	1.3	349.7	146.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	67.9	0.0	564.9
5. Unavailable Hours	UH	1.4	279.2	151.4	96.8	56.4	23.6	5.2	17.9	0.1	82.6	309.5	73.6	1,097.7
6. Planned Outage Hours	POH	1.1	268.8	143.2	96.8	29.6	11.3	0.0	9.7	0.0	73.8	273.5	59.0	966.8
7. Forced Outage Hours	FOH	0.3	0.0	8.2	0.0	26.8	12.3	5.2	3.8	0.1	7.7	24.6	14.6	103.6
8. Maintenance Outage Hours	MOH	0.0	10.4	0.0	0.0	0.0	0.0	0.0	4.5	0.0	1.2	11.3	0.0	27.4
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	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	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	0.0	0.0	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	0.0	0.0	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	0.0	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	0.0	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	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	3,446.0	1,482.0	3,969.6	39,040.4
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	486,762.0	193,718.0	561,818.0	5,508,378.0
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	7,080.0	7,651.0	7,066.0	7,087.5
16. Net Output Factor (%)	NOF	60.5	26.9	59.3	59.5	64.1	75.3	81.2	77.4	79.9	61.7	53.3	62.9	66.8
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	1,061.0	1,061.0	1,200.0	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  
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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)	95	Reserve Shutdown	12/9/2021	23:22:00	12/10/2021	5:57:00	6.58		Reserve Shutdown			183

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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
8S CT1(B)	73	Unplanned (Forced) Outage - Immediate	12/1/2021	0:00:00	12/1/2021	10:13:00	10:22	5250	Other controls and instrumentation problems	The generator breaker did not open at the right time. The breaker was tripped by 86G2.		183
8S CT1(B)	74	Reserve Shutdown	12/1/2021	10:13:00	12/1/2021	10:42:00	0:48			Reserve Shutdown		183
8S CT1(B)	75	Reserve Shutdown	12/19/2021	2:40:00	12/19/2021	12:50:00	10:17			Reserve Shutdown		183
8S CT1(B)	76	Reserve Shutdown	12/19/2021	23:31:00	12/22/2021	12:35:00	61:07			Reserve Shutdown		183
8S CT1(B)	71	Reserve Shutdown	12/31/2021	19:46:00	12/31/2021	23:59:00	4:22			Reserve Shutdown		183

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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)	127	Reserve Shutdown	12/5/2021	23:27:00	12/6/2021	7:25:00	7.97			Reserve Shutdown		183
BS CT1(C)	128	Reserve Shutdown	12/8/2021	0:36:00	12/8/2021	8:09:00	7.55			Reserve Shutdown		183
BS CT1(C)	129	Unplanned (Forced) Outage - Immediate	12/8/2021	8:26:00	12/8/2021	8:27:00	0.02	5120	Hydraulic oil system	Unit tripped on low hydraulic oil pressure to gas valves		183
BS CT1(C)	130	Reserve Shutdown	12/8/2021	8:27:00	12/8/2021	15:35:00	7.13					183
BS CT1(C)	131	Reserve Shutdown	12/18/2021	0:08:00	12/18/2021	10:01:00	9.88			Reserve Shutdown		183
BS CT1(C)	132	Reserve Shutdown	12/19/2021	20:42:00	12/20/2021	9:02:00	12.33			Reserve Shutdown		183
BS CT1(C)	133	Reserve Shutdown	12/20/2021	22:34:00	12/21/2021	6:39:00	8.08			Reserve Shutdown		183
BS CT1(C)	134	Reserve Shutdown	12/22/2021	23:36:00	12/23/2021	18:07:00	18.52			Reserve Shutdown		183
BS CT1(C)	135	Reserve Shutdown	12/23/2021	22:26:00	12/24/2021	16:50:00	18.4			Reserve Shutdown		183
BS CT1(C)	136	Reserve Shutdown	12/24/2021	22:06:00	12/27/2021	4:44:00	54.63			Reserve Shutdown		183
BS CT1(C)	137	Reserve Shutdown	12/27/2021	23:14:00	12/28/2021	10:27:00	11.22			Reserve Shutdown		183
BS CT1(C)	138	Reserve Shutdown	12/28/2021	22:30:00	12/29/2021	12:40:00	14.17			Reserve Shutdown		183
BS CT1(C)	139	Reserve Shutdown	12/30/2021	0:15:00	12/30/2021	13:07:00	12.87			Reserve Shutdown		183
BS CT1(C)	125	Reserve Shutdown	12/30/2021	22:56:00	12/31/2021	14:31:00	15.58			Reserve Shutdown		183
BS CT1(C)	126	Reserve Shutdown	12/31/2021	21:04:00	12/31/2021	23:59:00	2.92			Reserve Shutdown		183

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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	34	Unplanned (Forced) Derating - Immediate	12/1/2021	0:00:00	12/1/2021	10:13:00	10:22	3999	Other miscellaneous balance of plant problems	ST1 Derated - 1B 86G2 Relay did not engage	154	243

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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)	48	Planned Outage	12/1/2021	0:00:00	12/16/2021	21:55:00	381.92	3999	Other miscellaneous balance of plant problems	Planned fall outage, combustion turbine borescopes and repairs		183
BS CT2(A)	49	Reserve Shutdown	12/16/2021	21:55:00	12/17/2021	11:30:00	13.58			Reserve Shutdown		183
BS CT2(A)	50	Reserve Shutdown	12/19/2021	0:27:00	12/19/2021	10:07:00	9.67			Reserve Shutdown		183
BS CT2(A)	51	Reserve Shutdown	12/23/2021	0:43:00	12/23/2021	16:08:00	15.42			Reserve Shutdown		183
BS CT2(A)	47	Reserve Shutdown	12/31/2021	0:17:00	12/31/2021	8:29:00	8.2			Reserve Shutdown		183

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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)	45	Planned Outage	12/1/2021	0:00:00	12/16/2021	18:03:00	378.05	3999	Other miscellaneous balance of plant problems	Planned fall outage, combustion turbine borescopes and repairs		183
BS CT2(B)	46	Reserve Shutdown	12/21/2021	23:44:00	12/27/2021	0:33:00	120.82			Reserve Shutdown		183
BS CT2(B)	47	Maintenance Outage	12/27/2021	0:33:00	12/28/2021	21:36:00	45.05	0799	Other miscellaneous piping system problems	Weld repairs on the 2B Reheat Attemperator.		183
BS CT2(B)	48	Reserve Shutdown	12/28/2021	21:36:00	12/31/2021	9:40:00	60.07					183

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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)	167	Planned Outage	12/1/2021	0:00:00	12/13/2021	1:08:00	289.13	3999	Other miscellaneous balance of plant problems	Planned fall outage, combustion turbine borescopes and repairs		183
BS CT2(C)	168	Reserve Shutdown	12/13/2021	1:08:00	12/13/2021	15:36:00	14.47			Reserve Shutdown		183
BS CT2(C)	169	Reserve Shutdown	12/18/2021	1:33:00	12/18/2021	9:26:00	7.88			Reserve Shutdown		183
BS CT2(C)	170	Reserve Shutdown	12/20/2021	21:12:00	12/21/2021	8:29:00	11.28			Reserve Shutdown		183
BS CT2(C)	171	Reserve Shutdown	12/21/2021	22:03:00	12/23/2021	5:15:00	31.2			Reserve Shutdown		183
BS CT2(C)	172	Reserve Shutdown	12/24/2021	9:06:00	12/24/2021	15:46:00	6.67			Reserve Shutdown		183
BS CT2(C)	173	Reserve Shutdown	12/24/2021	20:08:00	12/25/2021	16:04:00	19.93			Reserve Shutdown		183
BS CT2(C)	174	Reserve Shutdown	12/25/2021	23:01:00	12/26/2021	13:29:00	14.47			Reserve Shutdown		183
BS CT2(C)	175	Reserve Shutdown	12/26/2021	22:26:00	12/27/2021	13:01:00	14.58			Reserve Shutdown		183
BS CT2(C)	176	Reserve Shutdown	12/29/2021	0:23:00	12/29/2021	10:27:00	10.07			Reserve Shutdown		183
BS CT2(C)	177	Reserve Shutdown	12/29/2021	23:02:00	12/30/2021	9:30:00	10.47			Reserve Shutdown		183
BS CT2(C)	166	Reserve Shutdown	12/31/2021	22:49:00	12/31/2021	23:59:00	1.17			Reserve Shutdown		183

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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)	153	Planned Outage	12/1/2021	0:00:00	12/13/2021	1:08:00	289.13	3999	Other miscellaneous balance of plant problems	Planned fall outage, combustion turbine borescopes and repairs		183
BS CT2(D)	154	Reserve Shutdown	12/13/2021	21:29:00	12/13/2021	22:17:00	0.8			Reserve Shutdown		183
BS CT2(D)	155	Reserve Shutdown	12/19/2021	22:12:00	12/20/2021	12:03:00	13.85			Reserve Shutdown		183
BS CT2(D)	156	Reserve Shutdown	12/21/2021	0:00:00	12/22/2021	16:41:00	40.68			Reserve Shutdown		183
BS CT2(D)	157	Reserve Shutdown	12/23/2021	11:23:00	12/31/2021	12:38:00	193.25			Reserve Shutdown		183
BS CT2(D)	152	Reserve Shutdown	12/31/2021	23:51:00	12/31/2021	23:59:00	0.13			Reserve Shutdown		183



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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	17	Planned Outage	12/1/2021	0:00:00	12/13/2021	10:10:00	298.17	3999	Other miscellaneous balance of plant problems	Planned fall outage		315
BS ST 2	18	Maintenance Derating	12/13/2021	10:10:00	12/16/2021	18:03:00	79.88	3999	Other miscellaneous balance of plant problems	2A and 2B Outage	161	315
BS ST 2	19	Maintenance Derating	12/16/2021	18:03:00	12/16/2021	21:55:00	3.87	3999	Other miscellaneous balance of plant problems	2A in outage	238	315
BS ST 2	20	Maintenance Derating	12/27/2021	0:33:00	12/28/2021	21:36:00	45.05	3999	Other miscellaneous balance of plant problems	Weld repairs on the 2B Reheat Attenuator.	238	315

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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	43	Planned Derating	12/1/2021	0:00:00	12/1/2021	0:00:00	0	1035	Platen superheater	Reduced the steam header pressure (2000R) to preserve boiler tube integrity (reliability)	347	432
Big Bend 4	43	Planned Derating	12/1/2021	0:00:00	12/1/2021	0:00:00	0	1035	Platen superheater	Reduced the steam header pressure (2000R) to preserve boiler tube integrity (reliability)	347	432
Big Bend 4	45	Unplanned (Forced) Outage - Immediate	12/1/2021	0:00:00	12/3/2021	12:40:00	60.67	0260	Primary air fan	4A Primary Air fan vibration prevented unit startup activities.		432
Big Bend 4	46	Planned Derating	12/1/2021	0:00:00	12/31/2021	23:59:00	743.98	1035	Platen superheater	Reduced the steam header pressure (2000R) to preserve boiler tube integrity (reliability)	397	432
Big Bend 4	47	Planned Outage	12/3/2021	19:29:00	12/3/2021	21:34:00	2.08	0385	Igniters	Natural gas upgrade planned trip testing		432
Big Bend 4	48	Unplanned (Forced) Outage - Immediate	12/4/2021	10:17:00	12/4/2021	12:51:00	2.57	4630	Liquid cooling system	Stator cooling system pressure switch sending false indication to the DCS.		432
Big Bend 4	49	Unplanned (Forced) Outage - Immediate	12/4/2021	14:47:00	12/4/2021	16:30:00	1.72	4630	Liquid cooling system	Stator cooling system pressure switch sending false indication to the DCS.		432
Big Bend 4	50	Planned Outage	12/4/2021	23:01:00	12/5/2021	2:14:00	3.22	0385	Igniters	Natural gas upgrade planned trip testing.		432
Big Bend 4	51	Unplanned (Forced) Outage - Immediate	12/10/2021	11:59:00	12/10/2021	17:44:00	5.75	3872	Fuel Gas Compressor Valves	Controls tuning in progress. Increased gas skid pressure tripped the boiler.		432
Big Bend 4	52	Unplanned (Forced) Outage - Immediate	12/11/2021	8:58:00	12/11/2021	9:58:00	1	3872	Fuel Gas Compressor Valves	Controls tuning in progress. Increased gas skid pressure tripped the boiler.		432
Big Bend 4	53	Unplanned (Forced) Outage - Immediate	12/11/2021	11:19:00	12/11/2021	12:44:00	1.42	3872	Fuel Gas Compressor Valves	Controls tuning in progress. Increased gas skid pressure caused a boiler trip on high		432
Big Bend 4	54	Unplanned (Forced) Outage - Immediate	12/28/2021	9:50:00	12/28/2021	11:56:00	2.1	3872	Fuel Gas Compressor Valves	Controls tuning. Increased gas pressure caused a unit trip.		432

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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	32	Unplanned (Forced) Outage - Immediate	12/1/2021	0:00:00	12/31/2021	23:59:00	743.98	5082	High pressure blades/buckets	Unit was called to start and maintained FSNL state. Upon firing, heavy vibrations were		180

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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	34	Unplanned (Forced) Outage - Immediate	12/1/2021	0:00:00	12/31/2021	23:59:00	743.98	3999	Other miscellaneous balance of plant problems	No steam supply from the HRSG due to damage in the Combustion Turbine.		50

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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	373	Reserve Shutdown	12/1/2021	11:25:00	12/1/2021	13:50:00	2:42			Reserve Shutdown		180
Polk 2	374	Unplanned (Forced) Outage - Immediate	12/1/2021	15:15:00	12/2/2021	15:35:00	24:33	5250	Other controls and instrumentation problems	Pressure indicator on the high-pressure system had an internal failure and ruptured i		180
Polk 2	375	Unplanned (Forced) Outage - Immediate	12/7/2021	1:35:00	12/9/2021	7:06:00	53:52	5240	Fire detection and extinguishing system (including hazardous gas detection system	Positioning of valve allowed the thrust from the relief to turn and "unthread" the si		180
Polk 2	376	Unplanned (Forced) Outage - Immediate	12/9/2021	7:56:00	12/9/2021	9:01:00	1:08	0800	Drums and drum internals (single drum only	Operator caused a HRSRG trip due to loss of IP drum level. Valve sequence controller w		180
Polk 2	377	Planned Outage	12/13/2021	1:31:00	12/18/2021	14:25:00	132:9	3620	Main transformer	Planned outage: HQ bushing replacement, 480 & 13.8 kV Station Service inspections & t		180
Polk 2	378	Reserve Shutdown	12/18/2021	14:25:00	12/19/2021	6:56:00	16:52			Reserve Shutdown		180
Polk 2	379	Reserve Shutdown	12/26/2021	0:52:00	12/26/2021	7:39:00	6:78			Reserve Shutdown		180

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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
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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	74	Planned Outage	12/1/2021	0:00:00	12/6/2021	14:28:00	134.47	4520	Stator windings, bushings, and terminals	Planned Outage for Hot Gas Path Inspection, Air inlet filter replacement, generator ro		180
Polk 3	75	Reserve Shutdown	12/6/2021	23:45:00	12/7/2021	2:15:00	2.5			Reserve Shutdown		180
Polk 3	76	Planned Outage	12/12/2021	23:47:00	12/18/2021	5:44:00	125.95	3620	Main transformer	H0 bushing replacement, 480 & 13.8 kV Station Service inspections & testing		180
Polk 3	77	Unplanned (Forced) Outage - Immediate	12/18/2021	12:55:00	12/19/2021	1:26:00	12.52	3620	Main transformer	Expansion tank leaking oil on GSU; cause determined to be a return valve not being ope		180
Polk 3	78	Reserve Shutdown	12/19/2021	1:26:00	12/19/2021	9:05:00	7.65			Reserve Shutdown		180

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Polk 4	44	Reserve Shutdown	12/10/2021	0:43:00	12/10/2021	7:00:00	6.28		Reserve Shutdown			180
Polk 4	45	Startup Failure	12/10/2021	7:00:00	12/10/2021	9:42:00	2.7	5130	Starting system (including motor)	LCI did not engage upon command. Communication card was replaced and problem resolved.		180



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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 5	47	Reserve Shutdown	12/27/2021	0:28:00	12/27/2021	11:17:00	10.82					180
Polk 5	48	Startup Failure	12/27/2021	11:17:00	12/27/2021	14:30:00	3.22	4609	Other exciter problems	Excitation system failed to engage and synchronize. Rolled off, reset Exciter and proc		180
Polk 5	49	Reserve Shutdown	12/27/2021	14:30:00	12/28/2021	10:25:00	19.92			Reserve shutdown		180