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Attorneys and Counselors at Law
123 South Calhoun Street
P.O. Box 391 32302
Tallahassee, FL 32301
P: (850) 224-9115
F: (850) 222-7560
ausley.com

December 22, 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 November 2022.

Thank you for your assistance in connection with this matter.

Sincerely,

A handwritten signature in blue ink that reads 'Malcolm N. Means'.

Malcolm N. Means

MNM/bml
Attachment

cc: All parties of record (w/att.)
TECO Regulatory Department

CERTIFICATE OF SERVICE

I HEREBY CERTIFY that a true and correct copy of the foregoing Schedules, filed on behalf of Tampa Electric Company, have been furnished by electronic mail on this 22nd day of December 2022 to the following:

Suzanne Brownless
Ryan Sandy
Office of the General Counsel
Florida Public Service Commission
2540 Shumard Oak Boulevard
Tallahassee, FL 32399-0850
sbrownle@psc.state.fl.us
rsandy@psc.state.fl.us
cvaughan@psc.state.fl.us
dsims@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

Dianne M. Triplett
Duke Energy Florida
299 First Avenue North
St. Petersburg, FL 33701
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
robert.pickels@duke-energy.com
stephanie.cuello@duke-energy.com
FLRegulatoryLegal@duke-energy.com

Jon C Moyle, Jr.
Moyle Law Firm
118 North Gadsden Street
Tallahassee, FL 32301
jmoyle@moylelaw.com
mqualls@moylelaw.com

Beth Keating
Gunster, Yoakley & Stewart, P.A.
215 S. Monroe St., Suite 601
Tallahassee, FL 32301
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
david.lee@fpl.com

Kenneth Hoffman
Florida Power & Light Company
134 W. Jefferson St.
Tallahassee, FL 32301-1859
ken.hoffman@fpl.com

Mike Cassel
Regulatory and Governmental Affairs
Florida Public Utilities Company
208 Wildlight Ave
Yulee, FL 32097
mcassel@fpuc.com

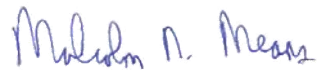
Michelle D. Napier
Regulatory Affairs Distribution
Florida Public Utilities Company
1635 Meathe Drive
West Palm Beach, FL 33411
mnapier@fpuc.com

Nucor Steel Florida, Inc.
Corey Allain
22 Nucor Drive
Frostproof FL 33843
corey.allain@nucor.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
lwb@smxblaw.com

Robert Scheffel Wright
John T. LaVia III
Florida Retail Federation
1300 Thomaswood Drive
Tallahassee FL 32308
schef@gbwlegal.com
jlavia@gbwlegal.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
mkl@smxblaw.com
jrb@smxblaw.com



ATTORNEY

ORIGINAL SHEET NO. 8.401.19A
TAMPA ELECTRIC COMPANY

ACTUAL UNIT PERFORMANCE DATA

JANUARY 2022 - DECEMBER 2022

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 1		Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	2022
1. Equivalent Availability Factor (%)	EAF	85.5	100.0	75.7	95.8	99.6	98.9	98.4	93.2	24.9	0.0	27.7		72.5
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		8,016.0
3. Service Hours	SH	636.0	672.0	732.2	720.0	735.4	720.0	744.0	744.0	212.6	0.0	105.1		6,021.3
4. Reserve Shutdown Hours	RSH	0.2	0.0	0.0	0.0	5.8	0.0	0.0	0.0	0.0	0.0	93.8		99.8
5. Unavailable Hours	UH	107.8	0.0	124.0	20.7	2.9	5.4	8.0	33.5	529.8	744.0	521.1		2,097.2
6. Planned Outage Hours	POH	0.0	0.0	107.7	18.6	0.0	0.0	0.0	0.0	507.4	744.0	521.1		1,898.8
7. Forced Outage Hours	FOH	0.0	0.0	7.4	0.0	2.9	0.0	0.0	9.7	0.0	0.0	0.0		20.0
8. Maintenance Outage Hours	MOH	107.8	0.0	8.8	2.0	0.0	5.4	7.9	23.9	22.3	0.0	0.0		178.1
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
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
10a. Partial Forced Outage Hours	PFOH	0.0	0.0	55.7	0.0	0.0	0.0	0.0	43.5	0.0	0.0	0.0		99.2
10b. Load Reduction Partial Forced (MW)	LRPF	0.0	0.0	81.2	0.0	0.0	0.0	0.0	79.0	0.0	0.0	0.0		80.2
11a. Partial Maintenance Outage Hours	PMOH	3.8	0.0	434.8	92.8	0.0	24.4	35.7	107.3	100.4	0.0	0.0		799.4
11b. Load Reduction Partial Maintenance (MW)	LRPM	79.3	0.0	92.7	73.6	0.0	77.0	79.0	79.0	79.0	0.0	0.0		85.8
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
13. Operating British Thermal Units (GBTU)	OPR BTU	1,735.0	1,863.0	2,144.3	2,460.1	2,527.2	2,653.1	2,532.6	2,553.4	674.5	0.0	313.5		19,456.7
14. Net Generation (MWH)	NETGEN	233,385.6	249,129.0	289,738.0	330,681.0	339,607.0	358,924.0	340,129.0	345,234.0	91,006.0	0.0	35,660.0		2,613,493.6
15. Avg. Net Operating Heat Rate (BTU/KWH)	ANOHR	7,434.0	7,478.0	7,401.0	7,439.0	7,442.0	7,392.0	7,446.0	7,396.0	7,412.0	0.0	8,790.0		7,444.7
16. Net Output Factor (%)	NOF	46.3	46.8	50.0	65.5	65.9	71.1	65.2	66.2	61.1	0.0	48.4		59.8
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		725.8
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 component hours of the Combined Cycle unit.

ORIGINAL SHEET NO. 8.401.19A
TAMPA ELECTRIC COMPANY

ACTUAL UNIT PERFORMANCE DATA

JANUARY 2022 - DECEMBER 2022

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-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	2022
1. Equivalent Availability Factor (%)	EAF	96.2	96.7	96.0	80.0	96.7	100.0	99.0	100.0	94.7	94.1	97.4		95.6
2. Period Hours	PH	744.0	672.0	744.0	720.0	744.0	720.0	744.0	744.0	720.0	744.0	720.0		8,016.0
3. Service Hours	SH	744.0	669.7	743.0	719.1	719.8	720.0	744.0	744.0	711.9	744.0	721.0		7,980.5
4. Reserve Shutdown Hours	RSH	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	38.2	0.0	0.0		38.5
5. Unavailable Hours	UH	20.0	16.1	21.1	96.5	24.2	0.0	5.0	0.0	8.1	0.0	0.0		191.0
6. Planned Outage Hours	POH	0.0	0.0	0.0	95.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0		95.7
7. Forced Outage Hours	FOH	0.0	9.2	21.1	0.0	0.0	0.0	0.0	0.0	3.7	0.0	0.0		34.0
8. Maintenance Outage Hours	MOH	20.0	6.8	0.0	0.9	24.2	0.0	5.0	0.0	4.4	0.0	0.0		61.3
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
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
10a. Partial Forced Outage Hours	PFOH	0.0	48.6	121.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	74.5		244.8
10b. Load Reduction Partial Forced (MW)	LRPF	0.0	77.0	77.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	231.0		123.9
11a. Partial Maintenance Outage Hours	PMOH	114.5	39.2	0.0	569.7	0.0	0.0	29.5	0.0	357.6	531.0	0.0		1,641.4
11b. Load Reduction Partial Maintenance (MW)	LRPM	77.0	77.0	0.0	77.0	0.0	0.0	77.0	0.0	78.0	77.0	0.0		77.2
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
13. Operating British Thermal Units (GBTU)	OPR BTU	2,904.1	2,090.4	3,602.1	2,409.1	3,329.1	3,407.6	3,341.9	3,941.6	2,894.3	2,657.7	3,352.0		33,930.0
14. Net Generation (MWH)	NETGEN	388,584.4	275,971.9	489,027.0	321,486.0	451,937.0	465,839.0	453,985.0	542,449.0	386,876.0	359,146.0	458,778.0		4,594,079.3
15. Avg. Net Operating Heat Rate (BTU/KWH)	ANOHR	7,474.0	7,575.0	7,366.0	7,494.0	7,366.0	7,315.0	7,361.0	7,266.0	7,481.0	7,400.0	7,306.0		7,385.6
16. Net Output Factor (%)	NOF	49.9	39.4	62.9	48.1	67.6	69.6	65.7	78.5	61.8	52.0	68.5		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		961.2
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 2022 - DECEMBER 2022

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-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	2022
1. Equivalent Availability Factor (%)	EAF	60.4	68.6	84.4	37.9	91.1	87.1	62.1	87.7	30.4	0.0	24.1		57.7
2. Period Hours	PH	744.0	672.0	744.0	720.0	744.0	720.0	744.0	744.0	720.0	744.0	721.0		8,017.0
3. Service Hours	SH	489.1	501.7	684.6	290.3	734.0	714.3	618.1	744.0	253.4	0.0	184.9		5,214.4
4. Reserve Shutdown Hours	RSH	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		1.0
5. Unavailable Hours	UH	254.9	170.3	58.4	429.7	10.0	5.8	126.0	0.0	466.6	744.0	536.1		2,801.8
6. Planned Outage Hours	POH	0.0	0.0	0.0	429.7	10.0	0.0	0.0	0.0	0.0	0.0	0.0		439.7
7. Forced Outage Hours	FOH	254.9	170.3	58.4	0.0	0.0	5.8	126.0	0.0	466.6	744.0	536.1		2,362.1
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
9a. Partial Planned Outage Hours	PPOH	489.1	501.7	685.6	290.3	734.0	714.3	618.1	744.0	253.5	0.0	184.9		5,215.5
9b. Load Reduction Partial Planned (MW)	LRPP	35.0	35.0	35.0	25.0	25.0	25.0	25.0	25.0	25.0	0.0	25.0		28.2
10a. Partial Forced Outage Hours	PFOH	0.0	0.0	7.0	0.0	135.4	254.0	549.3	720.0	253.5	0.0	0.0		1,919.2
10b. Load Reduction Partial Forced (MW)	LRPF	0.0	0.0	140.1	0.0	40.0	73.9	91.7	28.0	32.5	0.0	0.0		54.2
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
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
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
13. Operating British Thermal Units (GBTU)	OPR BTU	1,293.5	1,642.3	1,895.6	794.5	1,721.3	1,707.3	1,578.4	1,959.1	575.6	0.0	458.9		13,626.4
14. Net Generation (MWH)	NETGEN	120,227.0	162,984.0	172,474.0	76,825.0	161,117.0	149,131.0	133,740.0	155,157.0	47,320.0	0.0	40,823.0		1,219,798.0
15. Avg. Net Operating Heat Rate (BTU/KWH)	ANOHR	10,759.0	10,076.0	10,991.0	10,342.0	10,683.0	11,448.0	11,802.0	12,626.0	12,165.0	0.0	11,241.0		11,171.0
16. Net Output Factor (%)	NOF	56.9	75.2	58.3	62.7	52.0	49.5	51.3	49.4	44.2	0.0	52.3		55.1
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		424.7
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 2022 - DECEMBER 2022

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-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	2022
1. Equivalent Availability Factor (%)	EAF	0.0	0.0	76.8	92.5	96.6	64.6	96.4	95.0	97.6	80.0	94.6		72.7
2. Period Hours	PH	744.0	672.0	744.0	720.0	744.0	720.0	744.0	744.0	720.0	744.0	721.0		8,017.0
3. Service Hours	SH	0.0	0.0	157.6	657.3	718.8	326.8	649.1	207.9	474.7	427.8	360.2		3,980.2
4. Reserve Shutdown Hours	RSH	0.0	0.0	413.8	8.5	0.0	138.1	68.0	498.9	227.8	167.7	321.1		1,843.9
5. Unavailable Hours	UH	744.0	672.0	172.6	54.2	25.5	255.2	27.0	37.2	17.5	148.5	38.7		2,192.4
6. Planned Outage Hours	POH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	147.6	13.9		161.5
7. Forced Outage Hours	FOH	744.0	672.0	170.6	54.2	25.5	254.3	0.0	37.2	17.5	0.9	0.0		1,976.2
8. Maintenance Outage Hours	MOH	0.0	0.0	2.0	0.0	0.0	0.9	27.0	0.0	0.0	0.0	24.8		54.7
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
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
10a. Partial Forced Outage Hours	PFOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
10b. Load Reduction Partial Forced (MW)	LRPF	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
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
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
12. Net Summer Continuous Rating (MW)	NSC	202.0	202.0	202.0	202.0	202.0	200.0	200.0	200.0	200.0	200.0	200.0		200.9
13. Operating British Thermal Units (GBTU)	OPR BTU	0.0	0.0	213.4	831.4	887.1	389.7	786.9	252.2	616.1	542.9	490.9		5,010.5
14. Net Generation (MWH)	NETGEN	-2,824.0	-2,352.0	22,003.0	93,340.0	100,897.0	41,501.0	86,697.0	26,356.0	69,203.0	60,735.0	55,753.0		551,309.0
15. Avg. Net Operating Heat Rate (BTU/KWH)	ANOHR	0.0	0.0	9,697.0	8,907.0	8,792.0	9,390.0	9,076.0	9,569.0	8,903.0	8,938.0	8,805.0		9,088.4
16. Net Output Factor (%)	NOF	0.0	0.0	60.7	70.3	69.5	62.9	66.1	62.8	72.2	71.0	77.4		66.4
17. Net Period Continuous Rating (MW)	NPC	230.0	230.0	230.0	202.0	202.0	200.0	200.0	200.0	200.0	200.0	200.0		208.5
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 2022 - DECEMBER 2022

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-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	2022
1. Equivalent Availability Factor (%)	EAF	99.7	91.7	71.2	92.2	81.6	100.0	99.9	95.2	100.0	97.8	90.6		92.7
2. Period Hours	PH	744.0	672.0	744.0	720.0	744.0	720.0	744.0	744.0	720.0	744.0	721.0		8,017.0
3. Service Hours	SH	744.0	672.0	418.9	720.0	584.1	720.0	744.0	744.0	720.0	737.1	720.1		7,524.2
4. Reserve Shutdown Hours	RSH	0.0	0.0	134.4	0.0	36.5	0.0	0.0	0.0	0.0	0.0	0.0		170.9
5. Unavailable Hours	UH	1.0	32.9	190.7	28.1	123.5	0.0	0.3	19.3	0.1	15.9	67.7		479.5
6. Planned Outage Hours	POH	0.0	0.0	39.5	24.0	117.2	0.0	0.0	0.0	0.0	0.0	67.1		247.8
7. Forced Outage Hours	FOH	1.0	0.0	151.3	4.2	6.3	0.0	0.0	0.0	0.1	3.5	0.4		166.8
8. Maintenance Outage Hours	MOH	0.0	32.9	0.0	0.0	0.0	0.0	0.3	19.3	0.0	12.4	0.2		65.1
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
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
10a. Partial Forced Outage Hours	PFOH	14.3	0.0	11.4	29.5	26.2	0.0	0.0	0.0	1.0	5.3	0.0		87.7
10b. Load Reduction Partial Forced (MW)	LRPF	115.5	0.0	120.1	120.0	159.0	0.0	0.0	0.0	92.2	164.6	0.0		133.3
11a. Partial Maintenance Outage Hours	PMOH	0.0	223.0	82.6	103.0	78.7	0.0	2.0	140.3	0.0	0.0	0.0		629.7
11b. Load Reduction Partial Maintenance (MW)	LRPM	0.0	123.7	329.1	251.3	125.1	0.0	119.9	124.5	0.0	0.0	0.0		171.9
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
13. Operating British Thermal Units (GBTU)	OPR BTU	4,601.8	3,649.1	2,275.7	4,272.7	3,391.3	4,639.2	4,586.5	4,636.1	4,275.2	4,111.4	3,748.0		44,187.1
14. Net Generation (MWH)	NETGEN	660,833.0	528,140.0	302,615.0	611,798.0	482,932.0	667,334.0	656,042.0	660,545.0	605,097.0	580,875.0	537,776.0		6,293,987.0
15. Avg. Net Operating Heat Rate (BTU/KWH)	ANOHR	6,964.0	6,909.0	7,520.0	6,984.0	7,022.0	6,952.0	6,991.0	7,019.0	7,065.0	7,078.0	6,969.0		7,020.5
16. Net Output Factor (%)	NOF	74.0	65.5	60.2	80.1	77.9	87.4	83.1	83.7	79.2	74.3	70.4		76.1
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		1,098.9
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.

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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)	173	Planned Outage	11/1/2022	0:00:00	11/22/2022	21:07:00	526.12	5260	Major overhaul (use for non-specific overhaul only)	Planned Outage for CT Advanced Gas Path Upgrade		156
BS CT1(A)	173	Planned Outage	11/1/2022	0:00:00	11/1/2022	0:00:00	0	5260	Major overhaul (use for non-specific overhaul only)	Planned Outage for CT Advanced Gas Path Upgrade		156
BS CT1(A)	174	Reserve Shutdown	11/22/2022	21:46:00	11/23/2022	9:27:00	11.68			Reserve Shutdown		156
BS CT1(A)	175	Reserve Shutdown	11/23/2022	20:17:00	11/26/2022	8:16:00	59.98			Reserve Shutdown - commissioning for 1A		156
BS CT1(A)	176	Reserve Shutdown	11/26/2022	14:40:00	11/27/2022	18:52:00	28.2			Reserve Shutdown		156
BS CT1(A)	177	Reserve Shutdown	11/27/2022	19:50:00	11/27/2022	20:48:00	0.97			Reserve Shutdown		156
BS CT1(A)	178	Reserve Shutdown	11/27/2022	20:55:00	11/30/2022	7:32:00	58.62			Reserve Shutdown		156

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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)	141	Planned Outage	11/1/2022	0:00:00	11/18/2022	8:53:00	417.88	5260	Major overhaul (use for non-specific overha	Planned Outage for CT Advanced Gas Path Upgrade		156
BS CT1(C)	141	Planned Outage	11/1/2022	0:00:00	11/1/2022	0:00:00	0	5260	Major overhaul (use for non-specific overha	Planned Outage for CT Advanced Gas Path Upgrade		156
BS CT1(C)	142	Reserve Shutdown	11/18/2022	20:14:00	11/20/2022	8:48:00	36.57			Reserve Shutdown		156
BS CT1(C)	143	Reserve Shutdown	11/20/2022	16:04:00	11/25/2022	8:00:00	111.93			Reserve Shutdown		156
BS CT1(C)	144	Reserve Shutdown	11/25/2022	19:11:00	11/27/2022	6:46:00	35.58			Reserve Shutdown		156
BS CT1(C)	72	Reserve Shutdown	11/30/2022	10:01:00	11/30/2022	23:59:00	13.98			Reserve Shutdown		156

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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(B)	159	Planned Outage	11/1/2022	0:00:00	11/19/2022	6:58:00	439.97	5260	Major overhaul (use for nc Planned Outage for CT Advanced Gas Path Upgrade			156
BS CT1(B)	159	Planned Outage	11/1/2022	0:00:00	11/1/2022	0:00:00	0	5260	Major overhaul (use for nc Planned Outage for CT Advanced Gas Path Upgrade			156
BS CT1(B)	160	Reserve Shutdown	11/19/2022	18:00:00	11/21/2022	14:01:00	44.02		Reserve Shutdown			156
BS CT1(B)	161	Reserve Shutdown	11/21/2022	19:58:00	11/28/2022	9:23:00	157.42		Reserve Shutdown			156

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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	50	Planned Outage	11/1/2022	0:00:00	11/27/2022	16:15:00	641.25	3299	Other circulating water system problems	Planned Outage to repair/modify The Circulating Water System - Screenwell Intake Struc		233
BS ST 1	50	Planned Outage	11/1/2022	0:00:00	11/1/2022	0:00:00	0	3299	Other circulating water system problems	Planned Outage to repair/modify The Circulating Water System - Screenwell Intake Struc		233

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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)	218	Reserve Shutdown	11/4/2022	0:57:00	11/4/2022	12:06:00	11.15			Reserve Shutdown		156
BS CT2(A)	219	Reserve Shutdown	11/15/2022	10:40:00	11/17/2022	16:15:00	53.58			Reserve Shutdown		156
BS CT2(A)	220	Reserve Shutdown	11/18/2022	8:01:00	11/19/2022	16:56:00	32.92			Reserve Shutdown		156
BS CT2(A)	221	Reserve Shutdown	11/20/2022	13:29:00	11/22/2022	6:51:00	41.37			Reserve Shutdown		156
BS CT2(A)	222	Reserve Shutdown	11/22/2022	22:11:00	11/23/2022	14:56:00	16.75			Reserve Shutdown		156
BS CT2(A)	223	Reserve Shutdown	11/23/2022	23:34:00	11/24/2022	9:07:00	9.55			Reserve Shutdown		156
BS CT2(A)	224	Reserve Shutdown	11/27/2022	23:32:00	11/28/2022	10:05:00	10.55			Reserve Shutdown		156
BS CT2(A)	225	Reserve Shutdown	11/29/2022	21:13:00	11/30/2022	10:21:00	13.13			Reserve Shutdown		156
BS CT2(A)	111	Reserve Shutdown	11/30/2022	23:22:00	11/30/2022	23:59:00	0.63			Reserve Shutdown		156

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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)	178	Reserve Shutdown	11/16/2022	22:19:00	11/17/2022	6:34:00	8.25			Reserve Shutdown		156
BS CT2(B)	179	Reserve Shutdown	11/19/2022	10:44:00	11/20/2022	16:18:00	29.57			Reserve Shutdown		156
BS CT2(B)	180	Reserve Shutdown	11/21/2022	10:35:00	11/22/2022	3:36:00	17.02			Reserve Shutdown		156
BS CT2(B)	181	Reserve Shutdown	11/24/2022	0:28:00	11/24/2022	7:11:00	6.72			Reserve Shutdown		156
BS CT2(B)	182	Reserve Shutdown	11/26/2022	1:54:00	11/26/2022	8:58:00	7.07			Reserve Shutdown		156
BS CT2(B)	183	Reserve Shutdown	11/29/2022	1:15:00	11/29/2022	16:31:00	15.27			Reserve Shutdown		156
BS CT2(B)	91	Reserve Shutdown	11/30/2022	22:25:00	11/30/2022	23:59:00	1.58			Reserve Shutdown		156

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 CT2(C)	184	Reserve Shutdown	11/15/2022	2:38:00	11/16/2022	17:34:00	38.93			Reserve Shutdown		156
BS CT2(C)	185	Reserve Shutdown	11/18/2022	9:05:00	11/18/2022	22:05:00	13			Reserve Shutdown		156
BS CT2(C)	186	Reserve Shutdown	11/20/2022	22:13:00	11/21/2022	6:09:00	7.93			Reserve Shutdown		156
BS CT2(C)	187	Reserve Shutdown	11/22/2022	23:36:00	11/23/2022	15:44:00	16.13			Reserve Shutdown		156
BS CT2(C)	188	Reserve Shutdown	11/24/2022	2:38:00	11/24/2022	11:02:00	8.4			Reserve Shutdown		156
BS CT2(C)	189	Reserve Shutdown	11/27/2022	23:47:00	11/29/2022	5:48:00	30.02			Reserve Shutdown		156
BS CT2(C)	190	Reserve Shutdown	11/29/2022	23:10:00	11/30/2022	10:58:00	11.8			Reserve Shutdown		156

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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)	217	Reserve Shutdown	11/15/2022	2:10:00	11/16/2022	15:59:00	37.82			Reserve Shutdown		156
BS CT2(D)	218	Reserve Shutdown	11/17/2022	11:15:00	11/18/2022	2:08:00	14.88			Reserve Shutdown		156
BS CT2(D)	219	Reserve Shutdown	11/18/2022	8:22:00	11/18/2022	23:42:00	15.33			Reserve Shutdown		156
BS CT2(D)	220	Reserve Shutdown	11/21/2022	0:20:00	11/23/2022	7:39:00	55.32			Reserve Shutdown		156
BS CT2(D)	221	Reserve Shutdown	11/24/2022	23:36:00	11/25/2022	10:33:00	10.95			Reserve Shutdown		156
BS CT2(D)	222	Reserve Shutdown	11/28/2022	22:11:00	11/29/2022	15:06:00	16.92			Reserve Shutdown		156
BS CT2(D)	110	Reserve Shutdown	11/30/2022	0:09:00	11/30/2022	12:51:00	12.7			Reserve Shutdown		156

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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	26	Unplanned (Forced) Derating - Immediate	11/14/2022	1:57:00	11/16/2022	15:25:00	61:47	3119	Other condenser tube casing or shell and internal pro	Unit 2 limited due to condenser salt leak.	74	305
BS ST 2	27	Unplanned (Forced) Derating - Immediate	11/18/2022	8:22:00	11/18/2022	21:22:00	13	3119	Other condenser tube casing or shell and internal pro	Unit 2 limited due to condenser salt leak.	74	305

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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	1	Planned Der	11/1/2022	0:00:00	11/30/2022	23:59:00	721	1035	Platen superheater	Reduced the steam header pressure (2000#) to preserve boiler tube integrity (reliabili	397	422
Big Bend 4	1	Planned Der	11/1/2022	0:00:00	11/1/2022	0:00:00	0	1035	Platen superheater	Reduced the steam header pressure (2000#) to preserve boiler tube integrity (reliabili	397	422
Big Bend 4	100	Unplanned (	11/1/2022	0:00:00	11/1/2022	0:00:00	0	4410	Turning gear and motor	Turning gear failure. Operator tripped unit.		422
Big Bend 4	100	Unplanned (	11/1/2022	0:00:00	11/3/2022	16:40:00	64.67	4410	Turning gear and motor	Turning gear failure. Operator tripped unit.		422
Big Bend 4	101	Unplanned (	11/3/2022	18:33:00	11/19/2022	10:15:00	376.7	4499	Other miscellaneous steam turbine problems	#6 bearing vibration limits exceeded during startup. While reducing load Operator inad		422
Big Bend 4	102	Unplanned (	11/19/2022	14:06:00	11/20/2022	7:18:00	17.2	4030	Rotor shaft	Turbine rotor expansion indications were high. Removed unit from service until indicat		422
Big Bend 4	103	Unplanned (	11/20/2022	7:24:00	11/20/2022	9:08:00	1.73	3872	Fuel Gas Compressor Valves	Natural gas flow control valve didn't respond to increased gas pressure. Boiler trippe		422
Big Bend 4	104	Unplanned (	11/20/2022	17:28:00	11/21/2022	21:01:00	27.55	3621	Unit auxiliaries transformer	Unit station service transformer wiring issue. Removed unit from service for repairs.		422
Big Bend 4	105	Unplanned (	11/22/2022	3:05:00	11/22/2022	4:55:00	1.83	3872	Fuel Gas Compressor Valves	Natural gas flow control valve didn't respond to increased gas pressure. Boiler trippe		422
Big Bend 4	106	Unplanned (	11/22/2022	5:39:00	11/22/2022	7:03:00	1.4	3872	Fuel Gas Compressor Valves	Natural gas flow control valve didn't respond to increased gas pressure. Boiler trippe		422
Big Bend 4	107	Unplanned (	11/25/2022	9:56:00	11/25/2022	12:22:00	2.43	1599	Other miscellaneous boiler air and gas system proble	Loss of excess O2 indication (out of range) Operator manually tripped the boiler		422
Big Bend 4	108	Unplanned (	11/25/2022	13:10:00	11/26/2022	0:58:00	11.8	3872	Fuel Gas Compressor Valves	Natural gas flow control valve didn't respond to increased gas pressure. Boiler trippe		422
Big Bend 4	109	Unplanned (	11/26/2022	3:31:00	11/26/2022	5:55:00	2.4	3872	Fuel Gas Compressor Valves	Natural gas flow control valve didn't respond to increased gas pressure. Boiler trippe		422
Big Bend 4	110	Unplanned (	11/26/2022	6:01:00	11/26/2022	9:26:00	3.42	3872	Fuel Gas Compressor Valves	Natural gas flow control valve didn't respond to increased gas pressure. Boiler trippe		422
Big Bend 4	111	Unplanned (	11/26/2022	11:13:00	11/27/2022	7:58:00	20.75	3989	Other PLC problems	Fuel runback in automatic. Operator failed to place boiler in manual then tripped the		422
Big Bend 4	112	Unplanned (11/27/2022	9:09:00	11/27/2022	13:21:00	4.2	0760	Boiler recirculation valves	Boiler feed pump tripped on low suction due to a stuck recirculation valve. Suspect wa		422

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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	25	Planned Outage	11/1/2022	0:00:00	11/1/2022	11:29:00	11.48	0520	Other main steam valves (including vent and drain va	Water wash executed on front end of outage. Twenty one HRSG drain valves (ranging from	150	150
Polk 1	26	Maintenance Outage	11/1/2022	21:17:00	11/2/2022	20:33:00	23.27	4540	Brushes and brush rigging	Electrical Engineer shutdown unit to reconfirm calibration and tolerance settings for	150	150
Polk 1	27	Reserve Shutdown	11/17/2022	9:58:00	11/30/2022	23:59:00	326.03			Reserve Shutdown	150	150

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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	24	Planned Outage	11/1/2022	0:00:00	11/1/2022	21:03:00	21.05	3999	Other miscellaneous balance o Unavailable due to CT1 outage activities.			50
Polk 1 ST	25	Maintenance Outage	11/1/2022	21:03:00	11/3/2022	2:32:00	29.48	3999	Other miscellaneous balance o Electrical Engineer shutdown unit to reconfirm calibration and tolerance settings for			50
Polk 1 ST	26	Reserve Shutdown	11/17/2022	9:52:00	11/30/2022	23:59:00	326.13		Reserve Shutdown			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 ST	84	Unplanned (Forced) Outage - Immediate	11/22/2022	1:15:00	11/22/2022	2:12:00	0:95	4261	Control valves	Our combined cycle plant was operating in a 3-on-1 configuration when it performed a r		461

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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	61	Planned Outage	11/8/2022	0:33:00	11/16/2022	7:00:00	198.45	4700	Generator voltage control	NERC Relay testing, CT Exhaust EJ replacement, Clean GTE, Controls Troubleshooting		150
Polk 2	62	Reserve Shutdown	11/21/2022	22:38:00	11/23/2022	6:36:00	31.97			Reserve Shutdown		150

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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	92	Planned Outage	11/5/2022	2:04:00	11/16/2022	12:59:00	275.92	3650	DC instrument power battery c	EBI, PEECC Battery Testing/replacement, HRS&G IP Economizer drain stop valves, blade he		150
Polk 3	93	Reserve Shutdown	11/16/2022	13:51:00	11/16/2022	15:08:00	1.28			Reserve Shutdown		150
Polk 3	94	Maintenance Outage	11/19/2022	8:49:00	11/19/2022	10:08:00	1.32	5261	Gas turbine/compressor wash	System inspection and shutdown profile data capture		150
Polk 3	95	Reserve Shutdown	11/28/2022	23:50:00	11/29/2022	13:59:00	14.15			Reserve Shutdown		150

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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 4	80	Reserve Shutdown	11/19/2022	11:31:00	11/20/2022	1:00:00	13.48		Reserve Shutdown			150

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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	74	Reserve Shutdown	11/22/2022	0:54:00	11/22/2022	9:09:00	8.25			Reserve Shutdown		150