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November 23, 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 October 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, has been furnished by electronic mail on this 23rd day of November 2022 to the following:

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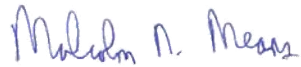
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ATTORNEY

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:	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 (%)	EAFF	85.5	100.0	75.7	95.8	99.6	98.9	98.4	93.2	24.9	0.0			77.0
2. Period Hours	PH	744.0	672.0	743.0	720.0	744.0	720.0	744.0	744.0	720.0	744.0			7,295.0
3. Service Hours	SH	636.0	672.0	732.2	720.0	735.4	720.0	744.0	744.0	212.6	0.0			5,916.2
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			6.0
5. Unavailable Hours	UH	107.8	0.0	124.0	20.7	2.9	5.4	8.0	33.5	529.8	744.0			1,576.1
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			1,377.7
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			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			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
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
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			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			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			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			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
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			19,143.2
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			2,577,833.6
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			7,426.1
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			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			728.3
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 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			95.4
2. Period Hours	PH	744.0	672.0	744.0	720.0	744.0	720.0	744.0	744.0	720.0	744.0			7,296.0
3. Service Hours	SH	744.0	669.7	743.0	719.1	719.8	720.0	744.0	744.0	711.9	744.0			7,259.5
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			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			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			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			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			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
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
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			170.3
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			77.0
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			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			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
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			30,578.0
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			4,135,301.3
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			7,394.4
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			59.1
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			964.4
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:	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			61.0
2. Period Hours	PH	744.0	672.0	744.0	720.0	744.0	720.0	744.0	744.0	720.0	744.0			7,296.0
3. Service Hours	SH	489.1	501.7	684.6	290.3	734.0	714.3	618.1	744.0	253.4	0.0			5,029.5
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			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			2,265.7
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			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			1,826.0
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
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			5,030.6
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			28.3
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			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			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
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
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
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			13,167.5
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			1,178,975.0
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			11,168.6
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			55.2
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			425.0
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:	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			70.5
2. Period Hours	PH	744.0	672.0	744.0	720.0	744.0	720.0	744.0	744.0	720.0	744.0			7,296.0
3. Service Hours	SH	0.0	0.0	157.6	657.3	718.8	326.8	649.1	207.9	474.7	427.8			3,620.0
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			1,522.8
5. Unavailable Hours	UH	744.0	672.0	172.6	54.2	25.5	255.2	27.0	37.2	17.5	148.5			2,153.7
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			147.6
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			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			29.9
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			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
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
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
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
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
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			201.0
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			4,519.7
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			495,556.0
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			9,120.4
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			65.2
17. Net Period Continuous Rating (MW)	NPC	230.0	230.0	230.0	202.0	202.0	202.0	202.0	200.0	200.0	200.0			209.8
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:	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			92.9
2. Period Hours	PH	744.0	672.0	744.0	720.0	744.0	720.0	744.0	744.0	720.0	744.0			7,296.0
3. Service Hours	SH	744.0	672.0	418.9	720.0	584.1	720.0	744.0	744.0	720.0	737.1			6,804.1
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			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			411.8
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			180.7
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			166.4
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			64.9
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			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
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			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			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			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			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
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			40,439.1
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			5,756,211.0
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			7,025.3
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			76.7
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			1,102.7
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)	83	Planned Outage	10/1/2022	0:00:00	10/31/2022	23:59:00	744	5270	Hot end inspection	Planned Outage for CT Advanced Gas Path Upgrade		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(B)	77	Planned Outage	10/1/2022	0:00:00	10/31/2022	23:59:00	744	5270	Hot end inspection	Planned Outage for CT Advanced Gas Path Upgrade		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)	68	Planned Outage	10/1/2022	0:00:00	10/31/2022	23:59:00	744 5270	Hot end inspection		Planned Outage for CT Advanced Gas Path Upgrade		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	24	Planned Outage	10/1/2022	0:00:00	10/31/2022	23:59:00	744 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)	94	Reserve Shutdown	10/1/2022	0:00:00	10/1/2022	12:30:00	12.5			Reserve Shutdown		156
BS CT2(A)	95	Reserve Shutdown	10/3/2022	22:43:00	10/4/2022	5:14:00	6.52			Reserve Shutdown		156
BS CT2(A)	96	Reserve Shutdown	10/12/2022	0:39:00	10/12/2022	9:12:00	8.55			Reserve Shutdown		156
BS CT2(A)	97	Reserve Shutdown	10/12/2022	15:30:00	10/14/2022	15:14:00	47.73			Reserve Shutdown		156
BS CT2(A)	98	Reserve Shutdown	10/15/2022	21:22:00	10/17/2022	13:04:00	39.7			Reserve Shutdown		156
BS CT2(A)	99	Reserve Shutdown	10/17/2022	21:47:00	10/20/2022	6:12:00	56.42			Reserve Shutdown		156
BS CT2(A)	100	Reserve Shutdown	10/20/2022	23:40:00	10/21/2022	17:42:00	18.03			Reserve Shutdown		156
BS CT2(A)	101	Reserve Shutdown	10/24/2022	10:22:00	10/24/2022	12:21:00	1.98			Reserve Shutdown		156
BS CT2(A)	102	Reserve Shutdown	10/25/2022	20:33:00	10/26/2022	7:08:00	10.58			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)	79	Reserve Shutdown	10/1/2022	0:00:00	10/1/2022	6:48:00	6.8			Reserve Shutdown		156
BS CT2(B)	80	Reserve Shutdown	10/9/2022	8:53:00	10/12/2022	12:47:00	75.9			Reserve Shutdown		156
BS CT2(B)	81	Reserve Shutdown	10/15/2022	1:45:00	10/16/2022	10:11:00	32.43			Reserve Shutdown		156
BS CT2(B)	82	Reserve Shutdown	10/18/2022	0:23:00	10/20/2022	16:46:00	64.38			Reserve Shutdown		156
BS CT2(B)	83	Reserve Shutdown	10/23/2022	2:06:00	10/23/2022	14:47:00	12.68			Reserve Shutdown		156
BS CT2(B)	84	Reserve Shutdown	10/30/2022	0:21:00	10/30/2022	13:19:00	12.97			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(C)	83	Reserve Shutdown	10/1/2022	0:00:00	10/9/2022	12:27:00	204.45			Reserve Shutdown		156
BS CT2(C)	84	Reserve Shutdown	10/11/2022	22:17:00	10/15/2022	12:59:00	86.7			Reserve Shutdown		156
BS CT2(C)	85	Reserve Shutdown	10/17/2022	0:24:00	10/18/2022	11:12:00	34.8			Reserve Shutdown		156
BS CT2(C)	86	Reserve Shutdown	10/20/2022	10:04:00	10/23/2022	5:08:00	67.07			Reserve Shutdown		156
BS CT2(C)	87	Reserve Shutdown	10/29/2022	8:28:00	10/31/2022	12:46:00	52.3			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)	96	Reserve Shutdown	10/2/2022	2:26:00	10/2/2022	13:50:00	11.4			Reserve Shutdown		156
BS CT2(D)	97	Reserve Shutdown	10/5/2022	1:29:00	10/5/2022	12:28:00	10.98			Reserve Shutdown		156
BS CT2(D)	98	Reserve Shutdown	10/12/2022	15:10:00	10/15/2022	11:42:00	68.53			Reserve Shutdown		156
BS CT2(D)	99	Reserve Shutdown	10/16/2022	1:11:00	10/17/2022	11:41:00	34.5			Reserve Shutdown		156
BS CT2(D)	100	Reserve Shutdown	10/18/2022	22:36:00	10/21/2022	17:00:00	66.4			Reserve Shutdown		156
BS CT2(D)	101	Reserve Shutdown	10/24/2022	9:46:00	10/24/2022	16:49:00	7.05			Reserve Shutdown		156
BS CT2(D)	102	Reserve Shutdown	10/27/2022	2:42:00	10/27/2022	11:05:00	8.38			Reserve Shutdown		156
BS CT2(D)	103	Reserve Shutdown	10/29/2022	17:24:00	10/30/2022	12:32:00	19.13			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	20	Maintenance Derating	10/1/2022	0:00:00	10/22/2022	23:59:00	527.98			Maintenance deration to the Steam Turbine. One of our Circulating W	228	305
BS ST 2	25	Maintenance Derating	10/29/2022	9:06:00	10/29/2022	12:04:00	2.97			2 hour maintenance deration to adjust clearance on coupling.	228	305

**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
Big Bend 4	1	Planned Der	10/1/2022	0:00:00	10/1/2022	0:00:00	0	1035	Platen superheater	Reduced the steam header pressure (2000#) to preserve boiler tube integrity (reliabili	397	422
Big Bend 4	1	Planned Der	10/1/2022	0:00:00	10/31/2022	23:59:00	744	1035	Platen superheater	Reduced the steam header pressure (2000#) to preserve boiler tube integrity (reliabili	397	422
Big Bend 4	55	Unplanned (	10/1/2022	0:00:00	10/1/2022	0:00:00	0	8815	SCR NOx Soot blowers	Limited sootblower availability causing high SCR inlet temps.	394	422
Big Bend 4	59	Unplanned (	10/1/2022	0:00:00	10/31/2022	23:59:00	744	4410	Turning gear and motor	Turning gear failure. Operator tripped unit.		422

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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	Description	Narrative	Net Available Capacity	Net Dependable Capacity
Polk 1	76	Unplanned (Forced) Outage - Immediate	10/4/2022	10:22:00	10/4/2022	11:00:00	0.63	5250	Other controls and instrumentation problem:	Operator inadvertently tripped the unit by toggling the wrong output node in the control room.	150	150
Polk 1	77	Reserve Shutdown	10/18/2022	20:26:00	10/25/2022	20:25:00	167.98			Reserve Shutdown	150	150
Polk 1	78	Planned Outage	10/25/2022	20:25:00	10/31/2022	23:59:00	147.58	0520	Other main steam valves (including vent and drain) to be replaced.	Water wash executed on front end of outage. Twenty one HRSG drain valves (ranging from 1" to 12") to be replaced.	150	150

**Tampa Electric Company**  
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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	72	Unplanned (Forced) Outage - Immediate	10/4/2022	10:26:00	10/4/2022	12:16:00	1.83	3999	Other miscellaneous balance (Operator inadvertently tripped the unit by toggling the wrong output node in the contr			50
Polk 1 ST	73	Reserve Shutdown	10/18/2022	20:21:00	10/25/2022	20:25:00	168.07		Reserve Shutdown			50
Polk 1 ST	74	Planned Outage	10/25/2022	20:25:00	10/31/2022	23:59:00	147.58	3999	Other miscellaneous balance (Unavailable due to CT1 outage activities.			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	56	Reserve Shutdown	10/13/2022	9:19:00	10/14/2022	14:05:00	28.77		Reserve Shutdown			150
Polk 2	57	Reserve Shutdown	10/16/2022	8:41:00	10/16/2022	10:16:00	1.58		Reserve Shutdown			150
Polk 2	58	Reserve Shutdown	10/17/2022	2:04:00	10/17/2022	11:34:00	9.5		Reserve Shutdown			150
Polk 2	59	Reserve Shutdown	10/20/2022	0:49:00	10/21/2022	11:32:00	34.72		Reserve Shutdown			150
Polk 2	60	Unplanned (Forced) Outage - Immediate	10/25/2022	5:23:00	10/25/2022	6:23:00		1 3999	Other miscellaneous balance (CT forced to SC during ST2 trip. Unit coming offline and restarting in Combined Cycle.			150

**Tampa Electric Company**  
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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	37	Unplanned (Forced) Outage - Immediate	10/24/2022	20:07:00	10/25/2022	3:02:00	6.92	4609	Other exciter problems	Final Root cause yet to be determined; initial findings portray the exciter tripped o		461
Polk 2 ST	38	Unplanned (Forced) Derating - Immediate	10/25/2022	3:02:00	10/25/2022	8:21:00	5.32	3839	Other auxiliary steam problems (also see extracti	ST2 experienced a Forced DCS trip on 10/21 around 1026. In effect of this occurrence,	341	461
Polk 2 ST	39	Unplanned (Forced) Derating - Immediate	10/25/2022	3:23:00	10/25/2022	4:22:00	0.98	3839	Other auxiliary steam problems (also see extracti	ST2 experienced a Forced DCS trip on 10/21 around 1026. In effect of this occurrence,	341	461
Polk 2 ST	40	Unplanned (Forced) Derating - Immediate	10/25/2022	5:23:00	10/25/2022	6:23:00	1	3839	Other auxiliary steam problems (also see extracti	ST2 experienced a Forced DCS trip on 10/21 around 1026. In effect of this occurrence,	341	461

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 Outage Listing  
 October 2022

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	83	Reserve Shutdown	10/15/2022	6:45:00	10/16/2022	15:58:00	33.22			Reserve Shutdown		150
Polk 3	84	Maintenance Outage	10/18/2022	21:22:00	10/22/2022	13:15:00	87.88	5049	Other fuel system problems	Multiple Water Injection Purge Air Valve actuators were leaking excessively from the v		150
Polk 3	85	Reserve Shutdown	10/22/2022	13:15:00	10/23/2022	1:59:00	12.73			Reserve Shutdown		150
Polk 3	86	Reserve Shutdown	10/23/2022	4:14:00	10/24/2022	12:11:00	31.95			Reserve Shutdown		150
Polk 3	87	Unplanned (Forced) Outage - Immediate	10/25/2022	0:24:00	10/25/2022	1:34:00	1.17	3999	Other miscellaneous balance c	CT forced to SC during ST2 trip. Unit coming offline and restarting in Combined Cycle.		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	35	Reserve Shutdown	10/14/2022	5:07:00	10/14/2022	13:24:00	8.28			Reserve Shutdown		150
Polk 4	36	Reserve Shutdown	10/18/2022	23:48:00	10/20/2022	5:16:00	29.47			Reserve Shutdown		150
Polk 4	37	Unplanned (Forced) Outage - Immediate	10/25/2022	3:23:00	10/25/2022	4:22:00	0.98	3999	Other miscellaneous balance	CT forced to SC during ST2 trip on 10/24 at 1026. Unit coming offline and restarting i		150
Polk 4	38	Reserve Shutdown	10/29/2022	20:20:00	10/30/2022	12:24:00	16.07			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	32	Reserve Shutdown	10/10/2022	1:03:00	10/10/2022	14:28:00	13.42			Reserve Shutdown		150
Polk 5	33	Reserve Shutdown	10/11/2022	19:01:00	10/13/2022	1:40:00	30.65			Reserve Shutdown		150
Polk 5	34	Reserve Shutdown	10/15/2022	8:33:00	10/18/2022	12:51:00	76.3			Reserve Shutdown		150
Polk 5	35	Reserve Shutdown	10/25/2022	8:21:00	10/25/2022	14:59:00	6.63			Reserve Shutdown		150