



October 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 September 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 25th day of October 2022 to the following:

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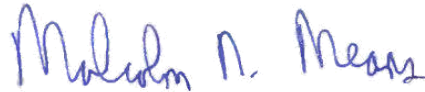
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ATTORNEY

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:	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				85.7
2. Period Hours	PH	744.0	672.0	743.0	720.0	744.0	720.0	744.0	744.0	720.0				6,551.0
3. Service Hours	SH	636.0	672.0	732.2	720.0	735.4	720.0	744.0	744.0	212.6				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				6.0
5. Unavailable Hours	UH	107.8	0.0	124.0	20.7	2.9	5.4	8.0	33.5	529.8				832.1
6. Planned Outage Hours	POH	0.0	0.0	107.7	18.6	0.0	0.0	0.0	0.0	507.4				633.7
7. Forced Outage Hours	FOH	0.0	0.0	7.4	0.0	2.9	0.0	0.0	9.7	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				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
9b. Load Reduction Partial Planned (MW)	LRPP	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				0.0
10a. Partial Forced Outage Hours	PFOH	0.0	0.0	55.7	0.0	0.0	0.0	0.0	43.5	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				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				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				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
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				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				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				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				59.6
17. Net Period Continuous Rating (MW)	NPC	792.0	792.0	792.0	701.0	701.0	701.0	701.0	701.0	701.0				731.3
18. Avg. Net Operating Heat Rate Equation		ANOHR = NOF (-2.852) + 7,630												

Note: Period hours may not match the Service, RS or Unavailable hours due to the individual 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				95.5
2. Period Hours	PH	744.0	672.0	744.0	720.0	744.0	720.0	744.0	744.0	720.0				6,552.0
3. Service Hours	SH	744.0	669.7	743.0	719.1	719.8	720.0	744.0	744.0	711.9				6,515.5
4. Reserve Shutdown Hours	RSH	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	38.2				38.5
5. Unavailable Hours	UH	20.0	16.1	21.1	96.5	24.2	0.0	5.0	0.0	8.1				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				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				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				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
9b. Load Reduction Partial Planned (MW)	LRPP	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				0.0
10a. Partial Forced Outage Hours	PFOH	0.0	48.6	121.7	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				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				1,110.5
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				77.3
12. Net Summer Continuous Rating (MW)	NSC	929.0	929.0	929.0	929.0	929.0	929.0	929.0	929.0	929.0				929.0
13. Operating British Thermal Units (GBTU)	OPR BTU	2,904.1	2,090.4	3,602.1	2,409.1	3,329.1	3,407.6	3,341.9	3,941.6	2,894.3				27,920.3
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				3,776,155.3
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				7,393.8
16. Net Output Factor (%)	NOF	49.9	39.4	62.9	48.1	67.6	69.6	65.7	78.5	61.8				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				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 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				67.9
2. Period Hours	PH	744.0	672.0	744.0	720.0	744.0	720.0	744.0	744.0	720.0				6,552.0
3. Service Hours	SH	489.1	501.7	684.6	290.3	734.0	714.3	618.1	744.0	253.4				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				1.0
5. Unavailable Hours	UH	254.9	170.3	58.4	429.7	10.0	5.8	126.0	0.0	466.6				1,521.7
6. Planned Outage Hours	POH	0.0	0.0	0.0	429.7	10.0	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				1,082.0
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
9a. Partial Planned Outage Hours	PPOH	489.1	501.7	685.6	290.3	734.0	714.3	618.1	744.0	253.5				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				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				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				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
11b. Load Reduction Partial Maintenance (MW)	LRPM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				0.0
12. Net Summer Continuous Rating (MW)	NSC	422.0	422.0	422.0	422.0	422.0	422.0	422.0	422.0	422.0				422.0
13. Operating British Thermal Units (GBTU)	OPR BTU	1,293.5	1,642.3	1,895.6	794.5	1,721.3	1,707.3	1,578.4	1,959.1	575.6				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				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				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				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				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 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				69.4
2. Period Hours	PH	744.0	672.0	744.0	720.0	744.0	720.0	744.0	744.0	720.0				6,552.0
3. Service Hours	SH	0.0	0.0	157.6	657.3	718.8	326.8	649.1	207.9	474.7				3,192.2
4. Reserve Shutdown Hours	RSH	0.0	0.0	413.8	8.5	0.0	138.1	68.0	498.9	227.8				1,355.1
5. Unavailable Hours	UH	744.0	672.0	172.6	54.2	25.5	255.2	27.0	37.2	17.5				2,005.2
6. Planned Outage Hours	POH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				0.0
7. Forced Outage Hours	FOH	744.0	672.0	170.6	54.2	25.5	254.3	0.0	37.2	17.5				1,975.3
8. Maintenance Outage Hours	MOH	0.0	0.0	2.0	0.0	0.0	0.9	27.0	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
9b. Load Reduction Partial Planned (MW)	LRPP	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				0.0
10a. Partial Forced Outage Hours	PFOH	0.0	0.0	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
11a. Partial Maintenance Outage Hours	PMOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				0.0
11b. Load Reduction Partial Maintenance (MW)	LRPM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				0.0
12. Net Summer Continuous Rating (MW)	NSC	202.0	202.0	202.0	202.0	202.0	202.0	202.0	202.0	202.0				202.0
13. Operating British Thermal Units (GBTU)	OPR BTU	0.0	0.0	213.4	831.4	887.1	389.7	786.9	252.2	616.1				3,976.8
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				434,821.0
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				9,145.8
16. Net Output Factor (%)	NOF	0.0	0.0	60.7	70.3	69.5	62.9	66.1	62.8	72.2				64.5
17. Net Period Continuous Rating (MW)	NPC	230.0	230.0	230.0	202.0	202.0	202.0	202.0	202.0	202.0				211.3
18. Avg. Net Operating Heat Rate Equation		ANOHR = NOF (-7.778) + 10,842												

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

ORIGINAL SHEET NO. 8.401.19A
TAMPA ELECTRIC COMPANY

ACTUAL UNIT PERFORMANCE DATA

JANUARY 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				92.3
2. Period Hours	PH	744.0	672.0	744.0	720.0	744.0	720.0	744.0	744.0	720.0				6,552.0
3. Service Hours	SH	744.0	672.0	418.9	720.0	584.1	720.0	744.0	744.0	720.0				6,067.0
4. Reserve Shutdown Hours	RSH	0.0	0.0	134.4	0.0	36.5	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				395.9
6. Planned Outage Hours	POH	0.0	0.0	39.5	24.0	117.2	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				162.9
8. Maintenance Outage Hours	MOH	0.0	32.9	0.0	0.0	0.0	0.0	0.3	19.3	0.0				52.5
9a. Partial Planned Outage Hours	PPOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				0.0
9b. Load Reduction Partial Planned (MW)	LRPP	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				0.0
10a. Partial Forced Outage Hours	PFOH	14.3	0.0	11.4	29.5	26.2	0.0	0.0	0.0	1.0				82.4
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				131.3
11a. Partial Maintenance Outage Hours	PMOH	0.0	223.0	82.6	103.0	78.7	0.0	2.0	140.3	0.0				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				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
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				36,327.7
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	660,544.0	605,095.0				5,175,333.0
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				7,019.4
16. Net Output Factor (%)	NOF	74.0	65.5	60.2	80.1	77.9	87.4	83.1	83.7	79.2				77.0
17. Net Period Continuous Rating (MW)	NPC	1,200.0	1,200.0	1,200.0	1,061.0	1,061.0	1,061.0	1,061.0	1,061.0	1,061.0				1,107.3
18. Avg. Net Operating Heat Rate Equation		ANOHR = NOF (-53.862) + 11,266												

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

Tampa Electric Company
 Outage Listing
 September 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
BS CT1(A)	85	Reserve Shutdown	9/2/2022	23:02:00	9/3/2022	12:10:00	13.13			Reserve Shutdown		156
BS CT1(A)	86	Reserve Shutdown	9/9/2022	15:02:00	9/9/2022	20:35:00	5.55			Reserve Shutdown		156
BS CT1(A)	87	Planned Outage	9/9/2022	20:35:00	9/30/2022	23:59:00	507.42	5260	Major overhaul (use for non-specific overhaul c	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)	79	Reserve Shutdown	9/4/2022	23:21:00	9/5/2022	11:22:00	12.02			Reserve Shutdown		156
BS CT1(B)	80	Reserve Shutdown	9/6/2022	0:18:00	9/6/2022	3:51:00	3.55			Reserve Shutdown		156
BS CT1(B)	81	Maintenance Outag	9/6/2022	3:51:00	9/9/2022	5:32:00	73.68	5089	Other high pressure prob	1B CT Maintenance Outage for Performance Testing prior to Major Outage.		156
BS CT1(B)	82	Reserve Shutdown	9/9/2022	17:15:00	9/9/2022	20:35:00	3.33			Reserve Shutdown		156
BS CT1(B)	83	Planned Outage	9/9/2022	20:35:00	9/30/2022	23:59:00	507.42	5260	Major overhaul (use for r	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)	70	Maintenance Outage	9/1/2022	0:00:00	9/2/2022	2:45:00	26.75	5089	Other high pressure problems	1C CT Maintenance Outage for Performance Testing prior to Major Outage.		156
BS CT1(C)	71	Reserve Shutdown	9/3/2022	0:07:00	9/3/2022	13:01:00	12.9			Reserve Shutdown		156
BS CT1(C)	72	Planned Outage	9/9/2022	20:35:00	9/30/2022	23:59:00	507.42	5260	Major overhaul (use for non-specific over	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	26	Maintenance Derating	9/1/2022	0:00:00	9/2/2022	2:45:00	26.75	3999	Other miscellaneous balance of plant problems	1C CT Maintenance Outage for Performance Testing prior to Major	154	233
BS ST 1	27	Maintenance Derating	9/6/2022	3:51:00	9/9/2022	5:32:00	73.68	3999	Other miscellaneous balance of plant problems	18 CT Maintenance Outage for Performance Testing prior to Major	154	233
BS ST 1	28	Planned Outage	9/9/2022	20:34:00	9/30/2022	23:59:00	507.43	3999	Other miscellaneous balance of plant problems	Planned Outage to repair/modify The Circulating Water System - Screenwell Intake Struc		233

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(A)	96	Reserve Shutdown	9/3/2022	1:45:00	9/3/2022	10:33:00	8.8			Reserve Shutdown		156
BS CT2(A)	97	Reserve Shutdown	9/4/2022	0:30:00	9/4/2022	12:37:00	12.12			Reserve Shutdown		156
BS CT2(A)	98	Reserve Shutdown	9/10/2022	13:54:00	9/10/2022	20:41:00	6.78			Reserve Shutdown		156
BS CT2(A)	99	Reserve Shutdown	9/16/2022	0:13:00	9/17/2022	15:53:00	39.67			Reserve Shutdown		156
BS CT2(A)	100	Reserve Shutdown	9/19/2022	2:09:00	9/20/2022	10:14:00	32.08			Reserve Shutdown		156
BS CT2(A)	101	Reserve Shutdown	9/27/2022	10:53:00	9/30/2022	23:59:00	85.12			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)	81	Reserve Shutdown	9/2/2022	3:59:00	9/2/2022	12:02:00	8.05			Reserve Shutdown		156
BS CT2(B)	82	Reserve Shutdown	9/8/2022	23:35:00	9/9/2022	12:38:00	13.05			Reserve Shutdown		156
BS CT2(B)	83	Reserve Shutdown	9/14/2022	23:28:00	9/16/2022	6:45:00	31.28			Reserve Shutdown		156
BS CT2(B)	84	Reserve Shutdown	9/16/2022	19:07:00	9/19/2022	6:10:00	59.05			Reserve Shutdown		156
BS CT2(B)	85	Reserve Shutdown	9/28/2022	1:49:00	9/30/2022	23:59:00	70.18			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 CT2(C)	85	Reserve Shutdown	9/9/2022	1:34:00	9/10/2022	5:34:00	28			Reserve Shutdown		156
BS CT2(C)	86	Reserve Shutdown	9/16/2022	1:09:00	9/16/2022	9:27:00	8.3			Reserve Shutdown		156
BS CT2(C)	87	Reserve Shutdown	9/17/2022	19:28:00	9/18/2022	13:15:00	17.78			Reserve Shutdown		156
BS CT2(C)	88	Reserve Shutdown	9/19/2022	9:25:00	9/19/2022	18:07:00	8.7			Reserve Shutdown		156
BS CT2(C)	89	Reserve Shutdown	9/20/2022	0:53:00	9/27/2022	18:57:00	186.07			Reserve Shutdown		156
BS CT2(C)	90	Reserve Shutdown	9/28/2022	14:22:00	9/30/2022	23:59:00	57.63			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(D)	98	Reserve Shutdown	9/5/2022	1:32:00	9/5/2022	10:09:00	8.62			Reserve Shutdown		156
BS CT2(D)	99	Reserve Shutdown	9/8/2022	0:50:00	9/8/2022	10:30:00	9.67			Reserve Shutdown		156
BS CT2(D)	100	Reserve Shutdown	9/10/2022	14:40:00	9/11/2022	3:39:00	12.98			Reserve Shutdown		156
BS CT2(D)	101	Reserve Shutdown	9/17/2022	18:37:00	9/18/2022	16:35:00	21.97			Reserve Shutdown		156
BS CT2(D)	102	Reserve Shutdown	9/24/2022	21:49:00	9/25/2022	10:56:00	13.12			Reserve Shutdown		156
BS CT2(D)	103	Reserve Shutdown	9/28/2022	13:17:00	9/30/2022	7:06:00	41.82			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	9/15/2022	1:44:00	9/30/2022	23:59:00	382.27			Maintenance deration to the Steam Turbine. One of our Circulating W	227	305
BS ST 2	21	Unplanned (Forced) Outage - Immediate	9/28/2022	14:21:00	9/29/2022	1:35:00	11.23	9035	Hurricane	Forced Outage on Steam Turbine. During Hurricane Ian, the water was drawn out of Tampa		305
BS ST 2	22	Reserve Shutdown	9/29/2022	1:35:00	9/29/2022	11:39:00	10.07			Circ water pump brought back online @ 1:36AM 09/29. Unit remained offline due to low s		305
BS ST 2	23	Maintenance Outage	9/29/2022	11:39:00	9/30/2022	1:03:00	13.4	3120	Tube sheets	Maintenance outage to clean condenser and shoot plugs during low system load event.		305
BS ST 2	24	Reserve Shutdown	9/30/2022	1:03:00	9/30/2022	12:38:00	11.58			Reserve shutdown due to low system load after condenser cleaning maintenance outage.		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 De	9/1/2022	0:00:00	9/30/2022	23:59:00	720 1035	Platen superheater		Reduced the steam header pressure (2000#) to preserve boiler tube integrity (reliabili	397	422
Big Bend 4	1	Planned De	9/1/2022	0:00:00	9/1/2022	0:00:00	0 1035	Platen superheater		Reduced the steam header pressure (2000#) to preserve boiler tube integrity (reliabili	397	422
Big Bend 4	25	Unplanned	9/1/2022	0:00:00	9/30/2022	23:59:00	720 8815	SCR NOx Soot blowers		Limited sootblower availability causing high SCR inlet temps.	394	422
Big Bend 4	26	Unplanned	9/6/2022	18:00:00	9/7/2022	14:45:00	20.75 1470	Induced draft fan motors and drives		B ID fan channel 2 issues.	367	422
Big Bend 4	27	Unplanned	9/10/2022	22:35:00	9/11/2022	23:30:00	24.92 3631	400-700 volt circuit breakers		H substation circuit breaker B405E failed, causing loss of power to critical equipment		422
Big Bend 4	28	Unplanned	9/12/2022	1:34:00	9/12/2022	5:11:00	3.62 3872	Fuel Gas Compressor Valves		Gas skid had control valve issues which tripped the boiler.		422
Big Bend 4	29	Unplanned	9/12/2022	17:59:00	9/30/2022	23:59:00	438.02 4410	Turning gear and motor		Turning gear failure. Operator tripped unit.		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	26	Reserve Shutdown	9/1/2022	0:00:00	9/1/2022	14:45:00	14.75			Reserve Shutdown		152
Polk 1	27	Unplanned (Forced) Outage - Immediate	9/1/2022	14:45:00	9/2/2022	8:16:00	17.52	3999	Other miscellaneous balance of plant problems	Cause external to unit - ST lube oil reservoir out-of-service for inspection.		152
Polk 1	28	Reserve Shutdown	9/2/2022	8:16:00	9/8/2022	8:29:00	144.22			Reserve Shutdown		152
Polk 1	29	Reserve Shutdown	9/8/2022	9:03:00	9/8/2022	11:24:00	2.35			Reserve Shutdown		152
Polk 1	30	Reserve Shutdown	9/13/2022	11:11:00	9/16/2022	5:42:00	66.52			Reserve Shutdown		152

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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	23	Reserve Shutdown	9/1/2022	0:00:00	9/1/2022	14:45:00	14.75			Reserve Shutdown		50
Polk 1 ST	24	Unplanned (Forced) Outage - Immediate	9/1/2022	14:45:00	9/2/2022	8:16:00	17.52	4289	Other lube oil system problem	During operator rounds, plant operator sampled water from our Lube Oil system supporti		50
Polk 1 ST	25	Reserve Shutdown	9/2/2022	8:16:00	9/8/2022	15:00:00	150.73			Reserve Shutdown		50
Polk 1 ST	26	Reserve Shutdown	9/13/2022	10:59:00	9/16/2022	7:31:00	68.53			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	50	Reserve Shutdown	9/3/2022	23:34:00	9/4/2022	10:06:00	10.53			Reserve Shutdown		150
Polk 2	51	Reserve Shutdown	9/10/2022	20:38:00	9/11/2022	12:06:00	15.47			Reserve Shutdown		150
Polk 2	52	Unplanned (Forced) Outage - Immediate	9/17/2022	9:51:00	9/17/2022	10:51:00		1 4619	Other hydrogen system prob	CT2 rolled back at 9:41 AM due to breakers opening in S-0 to S-5 & S-8. These breakers		150
Polk 2	53	Reserve Shutdown	9/17/2022	10:51:00	9/18/2022	17:50:00	30.98			Reserve Shutdown		150
Polk 2	54	Reserve Shutdown	9/28/2022	16:25:00	9/28/2022	19:55:00	3.5			Reserve Shutdown		150
Polk 2	55	Reserve Shutdown	9/29/2022	9:46:00	9/30/2022	6:47:00	21.02			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 2 ST	36	Unplanned (Forced) Derating - Immediate	9/17/2022	9:51:00	9/17/2022	10:51:00	1	3999	Other miscellaneous balance of plant problems	CT2 rolled back at 9:41 AM due to breakers opening in S-0 to S-5 & S-8. These breakers	371	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 3	38	Reserve Shutdown	9/8/2022	20:37:00	9/9/2022	13:18:00	16.68		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	33	Reserve Shutdown	9/18/2022	2:34:00	9/18/2022	15:22:00	12.8		Reserve Shutdown			150
Polk 4	34	Reserve Shutdown	9/29/2022	10:49:00	9/30/2022	15:33:00	28.73		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	34	Reserve Shutdown	9/27/2022	21:06:00	9/29/2022	8:23:00	35.28			Reserve Shutdown		150