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November 22, 2023

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. 20230001-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 2023.

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/attachment)
Suzanne Brownless (w/Excel)

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 22nd day of November 2023 to the following:

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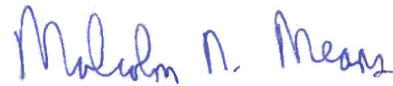
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ATTORNEY

ORIGINAL SHEET NO. 8.401.19A
TAMPA ELECTRIC COMPANY

ACTUAL UNIT PERFORMANCE DATA

JANUARY 2023 - DECEMBER 2023

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-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	2023
1. Equivalent Availability Factor (%)	EAF	98.7	100.0	65.0	99.9	89.3	100.0	99.6	99.4	57.0	99.5			90.8
2. Period Hours	PH	744.0	672.0	743.0	720.0	744.0	720.0	744.0	744.0	720.0	744.0			7,295.0
3. Service Hours	SH	744.0	672.0	577.4	720.0	744.0	720.0	744.0	744.0	396.3	744.0			6,805.7
4. Reserve Shutdown Hours	RSH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14.1	0.0			14.1
5. Unavailable Hours	UH	6.3	0.1	224.2	0.7	52.8	0.0	3.0	3.3	309.6	3.6			603.6
6. Planned Outage Hours	POH	6.3	0.0	219.2	0.0	0.0	0.0	0.0	0.0	301.1	0.0			526.6
7. Forced Outage Hours	FOH	0.1	0.1	5.0	0.7	10.3	0.0	0.0	3.3	8.5	3.6			31.6
8. Maintenance Outage Hours	MOH	0.0	0.0	0.0	0.0	42.5	0.0	3.0	0.0	0.0	0.0			45.5
9a. Partial Planned Outage Hours	PPOH	0.0	0.0	349.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0			349.9
9b. Load Reduction Partial Planned (MW)	LRPP	0.0	0.0	79.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			79.0
10a. Partial Forced Outage Hours	PFOH	0.4	0.4	7.0	3.3	46.5	0.0	0.0	14.7	0.0	0.0			72.3
10b. Load Reduction Partial Forced (MW)	LRPF	19.2	79.0	78.8	79.1	79.0	0.0	0.0	77.8	0.0	0.0			78.4
11a. Partial Maintenance Outage Hours	PMOH	27.1	0.0	0.0	0.0	190.8	0.0	0.0	0.0	0.0	0.0			217.9
11b. Load Reduction Partial Maintenance (MW)	LRPM	90.0	0.0	0.0	0.0	79.0	0.0	0.0	0.0	0.0	0.0			80.4
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	1,896.6	1,436.5	1,691.7	2,416.0	2,140.5	2,207.4	2,318.2	2,428.0	1,443.4	2,096.7			20,074.8
14. Net Generation (MWH)	NETGEN	257,227.1	192,854.6	225,266.3	328,968.2	292,369.4	298,990.7	313,289.2	329,365.0	195,082.8	279,875.0			2,713,288.3
15. Avg. Net Operating Heat Rate (BTU/KWH)	ANOHR	7,373.0	7,449.0	7,510.0	7,344.0	7,321.0	7,383.0	7,399.0	7,372.0	7,399.0	7,492.0			7,398.7
16. Net Output Factor (%)	NOF	43.7	36.2	49.3	65.2	56.1	59.2	56.2	59.1	65.7	50.2			53.3
17. Net Period Continuous Rating (MW)	NPC	792.0	792.0	792.0	701.0	701.0	701.0	749.0	749.0	749.0	749.0			747.5
18. Avg. Net Operating Heat Rate Equation		ANOHR = NOF (-3.808) + 7,647												

Note: Period hours may not match the Service, RS or Unavailble 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 2023 - DECEMBER 2023

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-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	2023
1. Equivalent Availability Factor (%)	EAF	78.3	100.0	97.3	99.2	98.2	100.0	99.3	98.4	94.3	0.0			86.3
2. Period Hours	PH	744.0	672.0	743.0	720.0	744.0	720.0	744.0	744.0	720.0	744.0			7,295.0
3. Service Hours	SH	0.0	134.9	743.0	720.0	744.0	720.0	744.0	744.0	693.6	0.0			5,243.5
4. Reserve Shutdown Hours	RSH	582.9	537.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			1,120.0
5. Unavailable Hours	UH	161.1	0.0	13.9	3.8	9.2	0.0	5.2	7.9	34.3	744.0			979.4
6. Planned Outage Hours	POH	130.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.0	744.0			894.2
7. Forced Outage Hours	FOH	30.9	0.0	7.8	0.0	0.0	0.0	0.0	0.0	14.3	0.0			53.0
8. Maintenance Outage Hours	MOH	0.0	0.0	6.1	3.8	9.2	0.0	5.2	7.9	0.0	0.0			32.2
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
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	42.7	0.0	0.0	0.0	0.0	0.0	85.1	0.0			127.8
10b. Load Reduction Partial Forced (MW)	LRPF	0.0	0.0	80.3	0.0	0.0	0.0	0.0	0.0	76.0	0.0			77.4
11a. Partial Maintenance Outage Hours	PMOH	0.0	0.0	34.9	22.9	55.0	0.0	0.0	46.9	0.0	0.0			159.6
11b. Load Reduction Partial Maintenance (MW)	LRPM	0.0	0.0	77.0	77.0	77.0	0.0	0.0	77.0	0.0	0.0			77.0
12. Net Summer Continuous Rating (MW)	NSC	929.0	929.0	929.0	929.0	929.0	929.0	929.0	929.0	929.0	929.0			929.0
13. Operating British Thermal Units (GBTU)	OPR BTU	0.0	306.4	3,035.7	2,924.5	2,834.6	2,628.3	2,532.8	2,899.6	3,234.2	0.1			20,396.1
14. Net Generation (MWH)	NETGEN	-1,293.0	37,457.0	410,346.7	390,191.0	378,962.5	352,539.0	337,033.0	386,336.0	435,857.3	0.0			2,727,429.5
15. Avg. Net Operating Heat Rate (BTU/KWH)	ANOHR	0.0	8,179.0	7,398.0	7,495.0	7,480.0	7,455.0	7,515.0	7,506.0	7,420.0	0.0			7,478.1
16. Net Output Factor (%)	NOF	0.0	26.5	52.8	58.3	54.8	52.7	48.8	55.9	67.7	0.0			53.9
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			964.4
18. Avg. Net Operating Heat Rate Equation		ANOHR = NOF (-21.057) + 8,699												

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 2023 - DECEMBER 2023

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-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	2023
1. Equivalent Availability Factor (%)	EAF	72.7	96.7	84.8	22.4	0.0	0.0	75.8	51.9	46.5	34.0			48.3
2. Period Hours	PH	744.0	672.0	743.0	720.0	744.0	720.0	744.0	744.0	720.0	744.0			7,295.0
3. Service Hours	SH	86.1	338.3	704.3	169.6	0.0	0.0	600.2	540.9	447.3	415.6			3,302.3
4. Reserve Shutdown Hours	RSH	473.0	311.5	1.0	0.0	0.0	0.0	0.0	0.0	26.8	0.0			812.3
5. Unavailable Hours	UH	185.0	22.2	38.7	550.5	744.0	720.0	143.8	203.1	245.9	328.4			3,181.6
6. Planned Outage Hours	POH	0.0	0.0	0.0	550.5	744.0	682.1	0.0	0.0	0.0	320.7			2,297.3
7. Forced Outage Hours	FOH	0.0	22.2	38.7	0.0	0.0	37.9	71.7	0.0	113.2	7.7			291.4
8. Maintenance Outage Hours	MOH	185.0	0.0	0.0	0.0	0.0	0.0	72.1	203.1	132.8	0.0			593.0
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
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	86.1	0.0	334.3	169.6	0.0	0.0	0.0	398.5	454.7	695.3			2,138.5
10b. Load Reduction Partial Forced (MW)	LRPF	90.0	0.0	96.3	20.0	0.0	0.0	0.0	164.0	129.4	98.7			110.4
11a. Partial Maintenance Outage Hours	PMOH	0.0	0.0	0.0	0.0	0.0	0.0	190.8	0.0	0.0	0.0			190.8
11b. Load Reduction Partial Maintenance (MW)	LRPM	0.0	0.0	0.0	0.0	0.0	0.0	80.0	0.0	0.0	0.0			80.0
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	246.7	763.3	2,009.9	487.9	0.0	0.0	1,392.4	1,313.6	1,266.7	948.7			8,429.1
14. Net Generation (MWH)	NETGEN	23,309.0	66,583.0	178,048.0	42,597.0	0.0	0.0	116,615.0	121,341.0	116,303.0	85,008.0			749,804.0
15. Avg. Net Operating Heat Rate (BTU/KWH)	ANOHR	10,583.0	11,464.0	11,288.0	11,455.0	0.0	0.0	11,940.0	10,826.0	10,891.0	11,160.0			11,241.8
16. Net Output Factor (%)	NOF	62.7	45.6	58.5	59.5	0.0	0.0	46.0	53.2	61.6	48.5			53.4
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 (-25.146) + 12,463												



ORIGINAL SHEET NO. 8.401.19A
TAMPA ELECTRIC COMPANY

ACTUAL UNIT PERFORMANCE DATA

JANUARY 2023 - DECEMBER 2023

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-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	2023
1. Equivalent Availability Factor (%)	EAF	86.4	99.7	72.1	88.9	97.3	93.6	99.1	98.9	73.8	98.3			90.8
2. Period Hours	PH	744.0	672.0	743.0	720.0	744.0	720.0	744.0	744.0	720.0	744.0			7,295.0
3. Service Hours	SH	663.1	672.0	517.2	720.0	744.0	720.0	739.1	744.0	456.1	744.0			6,719.5
4. Reserve Shutdown Hours	RSH	0.0	0.0	45.1	0.0	0.0	0.0	0.7	0.0	82.5	0.0			128.3
5. Unavailable Hours	UH	94.3	0.0	181.7	44.5	11.4	25.8	4.2	4.4	181.4	5.5			553.2
6. Planned Outage Hours	POH	25.9	0.0	180.4	25.5	0.0	0.0	0.0	0.3	155.7	0.0			387.8
7. Forced Outage Hours	FOH	43.7	0.0	0.0	4.1	8.7	0.0	2.1	4.1	25.7	2.4			90.8
8. Maintenance Outage Hours	MOH	24.7	0.0	1.4	14.9	2.7	25.8	2.1	0.0	0.0	3.2			74.8
9a. Partial Planned Outage Hours	PPOH	0.0	0.0	235.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0			235.1
9b. Load Reduction Partial Planned (MW)	LRPP	0.0	0.0	127.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			127.0
10a. Partial Forced Outage Hours	PFOH	108.7	22.5	2.4	29.8	54.3	3.3	10.5	32.2	64.0	38.2			365.9
10b. Load Reduction Partial Forced (MW)	LRPF	75.0	114.9	138.8	120.0	134.6	115.6	119.2	119.3	119.3	123.8			108.8
11a. Partial Maintenance Outage Hours	PMOH	0.0	0.0	0.0	278.0	19.3	182.6	14.9	0.0	0.0	22.6			517.3
11b. Load Reduction Partial Maintenance (MW)	LRPM	0.0	0.0	0.0	123.5	115.3	115.3	119.4	0.0	0.0	119.8			120.0
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	3,082.0	2,811.1	2,790.7	3,957.5	4,280.2	3,871.9	4,061.3	4,065.4	2,142.0	3,536.3			34,598.3
14. Net Generation (MWH)	NETGEN	426,079.0	395,062.0	376,172.0	557,049.0	634,275.0	552,932.0	574,417.0	574,036.0	280,259.0	498,480.0			4,868,761.0
15. Avg. Net Operating Heat Rate (BTU/KWH)	ANOHR	7,233.0	7,116.0	7,419.0	7,104.0	6,758.0	7,002.0	7,070.0	7,082.0	7,643.0	7,094.0			7,106.2
16. Net Output Factor (%)	NOF	53.6	49.0	60.6	72.9	80.4	72.4	73.3	72.7	57.9	63.2			65.7
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 (-9.479) + 7,720												

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
October 2023

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)	151	Reserve Shutdown	10/1/2023	2:15:00	10/1/2023	12:37:00	10.37			Reserve Shutdown		168
BS CT1(A)	152	Reserve Shutdown	10/3/2023	21:42:00	10/4/2023	16:31:00	18.82			Reserve Shutdown		168
BS CT1(A)	153	Reserve Shutdown	10/5/2023	22:27:00	10/6/2023	16:07:00	17.67			Reserve Shutdown		168
BS CT1(A)	154	Reserve Shutdown	10/7/2023	19:46:00	10/9/2023	10:52:00	39.1			Reserve Shutdown		168
BS CT1(A)	155	Reserve Shutdown	10/10/2023	9:46:00	10/10/2023	16:05:00	6.32			Reserve Shutdown		168
BS CT1(A)	156	Reserve Shutdown	10/11/2023	1:04:00	10/11/2023	15:21:00	14.28			Reserve Shutdown		168
BS CT1(A)	157	Reserve Shutdown	10/12/2023	22:51:00	10/13/2023	13:55:00	15.07			Reserve Shutdown		168
BS CT1(A)	158	Reserve Shutdown	10/14/2023	4:10:00	10/18/2023	16:15:00	108.08			Reserve Shutdown		168
BS CT1(A)	159	Reserve Shutdown	10/18/2023	21:46:00	10/19/2023	14:15:00	16.48			Reserve Shutdown		168
BS CT1(A)	160	Reserve Shutdown	10/20/2023	0:09:00	10/20/2023	13:26:00	13.28			Reserve Shutdown		168
BS CT1(A)	161	Reserve Shutdown	10/21/2023	21:25:00	10/22/2023	15:34:00	18.15			Reserve Shutdown		168
BS CT1(A)	162	Reserve Shutdown	10/22/2023	22:47:00	10/23/2023	13:28:00	14.68			Reserve Shutdown		168
BS CT1(A)	163	Reserve Shutdown	10/23/2023	23:22:00	10/24/2023	12:37:00	13.25			Reserve Shutdown		168
BS CT1(A)	164	Reserve Shutdown	10/24/2023	22:29:00	10/25/2023	5:14:00	6.75			Reserve Shutdown		168
BS CT1(A)	165	Reserve Shutdown	10/27/2023	0:18:00	10/27/2023	14:30:00	14.2			Reserve Shutdown		168
BS CT1(A)	166	Reserve Shutdown	10/28/2023	21:32:00	10/29/2023	11:54:00	14.37			Reserve Shutdown		168
BS CT1(A)	167	Reserve Shutdown	10/29/2023	23:49:00	10/30/2023	14:23:00	14.57			Reserve Shutdown		168
BS CT1(A)	150	Reserve Shutdown	10/31/2023	21:48:00	10/31/2023	23:59:00	2.2			Reserve Shutdown		168

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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)	94	Reserve Shutdown	10/1/2023	23:58:00	10/2/2023	13:00:00	13.03		Reserve Shutdown			168
BS CT1(B)	95	Reserve Shutdown	10/4/2023	21:55:00	10/5/2023	12:00:00	14.08		Reserve Shutdown			168
BS CT1(B)	96	Reserve Shutdown	10/9/2023	22:56:00	10/10/2023	21:00:00	22.07		Reserve Shutdown			168

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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)	164	Unplanned (Forced) Outage - Immedia	10/1/2023	0:00:00	10/1/2023	16:05:00	16.08	0520	Other main steam valves (including vent and drai	Unit 1C HRSG IP system drain valve open	168	168
BS CT1(C)	165	Reserve Shutdown	10/2/2023	19:27:00	10/3/2023	15:10:00	19.72			Reserve Shutdown	168	168
BS CT1(C)	166	Reserve Shutdown	10/7/2023	0:08:00	10/7/2023	12:55:00	12.78			Reserve Shutdown	168	168
BS CT1(C)	167	Reserve Shutdown	10/8/2023	11:49:00	10/8/2023	18:49:00	7			Reserve Shutdown	168	168
BS CT1(C)	168	Reserve Shutdown	10/10/2023	21:05:00	10/11/2023	12:26:00	15.35			Reserve Shutdown	168	168
BS CT1(C)	169	Reserve Shutdown	10/11/2023	21:44:00	10/12/2023	13:36:00	15.87			Reserve Shutdown	168	168
BS CT1(C)	170	Reserve Shutdown	10/13/2023	20:37:00	10/14/2023	12:28:00	15.85			Reserve Shutdown	168	168
BS CT1(C)	171	Reserve Shutdown	10/16/2023	0:46:00	10/18/2023	18:08:00	65.37			Reserve Shutdown	168	168
BS CT1(C)	172	Reserve Shutdown	10/19/2023	23:21:00	10/21/2023	14:06:00	38.75			Reserve Shutdown	168	168
BS CT1(C)	173	Reserve Shutdown	10/21/2023	23:30:00	10/22/2023	17:11:00	17.68			Reserve Shutdown	168	168
BS CT1(C)	174	Reserve Shutdown	10/23/2023	3:27:00	10/23/2023	15:25:00	11.97			Reserve Shutdown	168	168
BS CT1(C)	175	Reserve Shutdown	10/24/2023	0:12:00	10/24/2023	16:19:00	16.12			Reserve Shutdown	168	168
BS CT1(C)	176	Reserve Shutdown	10/25/2023	2:26:00	10/25/2023	13:18:00	10.87			Reserve Shutdown	168	168
BS CT1(C)	177	Reserve Shutdown	10/28/2023	1:09:00	10/28/2023	13:45:00	12.6			Reserve Shutdown	168	168
BS CT1(C)	178	Reserve Shutdown	10/29/2023	2:14:00	10/29/2023	13:10:00	10.93			Reserve Shutdown	168	168
BS CT1(C)	163	Reserve Shutdown	10/31/2023	2:28:00	10/31/2023	15:47:00	13.32			Reserve Shutdown	168	168

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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
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Tampa Electric Company
 Outage Listing
 October 2023

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)	73	Planned Outage	10/1/2023	0:00:00	10/31/2023	23:59:00	744 5250	Other controls and inst Unit 2A Fall 2023 Planned Outage	Note: The CTs are getting controls upgrades.			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)	98	Planned Outage	10/1/2023	0:00:00	10/31/2023	23:59:00	744	5250	Other controls and instr Unit 2B Fall 2023 Planned Outage	Note: The CTs are getting controls upgrades.		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)	92	Planned Outage	10/1/2023	0:00:00	10/31/2023	23:59:00	744	5250	Other controls and instrument Unit 2C Fall 2023 Planned Outage	Note: The CTs are getting controls upgrades.		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)	106	Planned Outage	10/1/2023	0:00:00	10/31/2023	23:59:00	744 5250		Other controls and instr	Unit 2D Fall 2023 Planned Outage		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	14	Planned Outage	10/1/2023	0:00:00	10/31/2023	23:59:00	744 4609	Other exciter problems	Unit 2ST Fall 2023 Planned Outage	Note: The ST is working on the exciters		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	27	Unplanned (Forced) Derating - Immediate	10/1/2023	0:00:00	10/30/2023	7:00:00	703 0871	Soot blowers - sonic	High APH outlet and SCR inlet temps. Suspect ash buildup due to inoperative sootblowers.		332	
Big Bend 4	28	Unplanned (Forced) Derating - Immediate	10/6/2023	0:02:00	10/7/2023	2:19:00	26.28 3119	Other condenser tube casing or s	A and C Condenser/waterbox/ tunnel cleaning.		192	
Big Bend 4	29	Unplanned (Forced) Outage - Immediate	10/13/2023	4:20:00	10/13/2023	10:41:00	6.35 1470	Induced draft fan motors and dri	A ID Fan VFD channel 1 and B ID Fan VFD channel 2 both tripped.			
Big Bend 4	30	Unplanned (Forced) Outage - Immediate	10/13/2023	12:06:00	10/13/2023	13:25:00	1.32 1411	Forced draft fan motors - variabl	B Fan train removed from service for maintenance when A fan train tripped (loss of air			

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
Polk 2	62	Reserve Shutdown	10/7/2023	2:06:00	10/7/2023	12:30:00	10.4			Reserve Shutdown		150
Polk 2	63	Reserve Shutdown	10/9/2023	1:08:00	10/9/2023	11:01:00	9.88			Reserve Shutdown		150
Polk 2	64	Reserve Shutdown	10/9/2023	11:56:00	10/9/2023	13:00:00	1.07			Reserve Shutdown		150
Polk 2	65	Reserve Shutdown	10/10/2023	22:24:00	10/11/2023	14:30:00	16.1			Reserve Shutdown		150
Polk 2	66	Reserve Shutdown	10/25/2023	1:24:00	10/25/2023	11:36:00	10.2			Reserve Shutdown		150
Polk 2	67	Reserve Shutdown	10/30/2023	23:03:00	10/31/2023	0:36:00	1.55			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	Description	Narrative	Net Available Capacity	Net Dependable Capacity
Polk 2 ST	43	Unplanned (Forced) Derating - Immedia	10/2/2023	7:47:00	10/2/2023	15:26:00	7.65 3999		Other miscellaneous balance of plant prober: CTS boiler feed pump tripped on low discharge flow due to bad flow transmitter being		341.75	461
Polk 2 ST	44	Unplanned (Forced) Derating - Immedia	10/9/2023	11:42:00	10/9/2023	13:00:00	1.3 3999		Other miscellaneous balance of plant prober: HRSG2 HP superheater attemperator block valve 2-FWV-V-722 would not open when c		341.75	461
Polk 2 ST	45	Maintenance Derating	10/16/2023	23:25:00	10/17/2023	21:58:00	22.55 3999		Other miscellaneous balance of plant prober: CT3 maintenance outage to repair atomizing air issues. As a result, HRSG3 steam suppl		341.25	461
Polk 2 ST	46	Unplanned (Forced) Derating - Immedia	10/26/2023	8:27:00	10/27/2023	1:00:00	16.55 3999		Other miscellaneous balance of plant prober: CT4 trip due to human error led HRSG4 steam supply to be unavailable to ST2.		341.25	461
Polk 2 ST	47	Unplanned (Forced) Derating - Immedia	10/30/2023	12:20:00	10/31/2023	1:00:00	12.67 3999		Other miscellaneous balance of plant prober: During startup HRSG3 IP drum level control would not maintain setpoint level. Despite		341.25	461
Polk 2 ST	48	Unplanned (Forced) Derating - Immedia	10/30/2023	13:47:00	10/30/2023	15:06:00	1.32 3999		Other miscellaneous balance of plant prober: During normal operation the instrument air hard stainless steel tubing supplying contr		341.25	461

**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 3	78	Maintenance Outage	10/16/2023	23:26:00	10/17/2023	21:58:00	22.53	5060	Atomizing air system	Maintenance outage to repair CT3 atomizing air issues. Subsequent oil run indicates re	150	150
Polk 3	79	Reserve Shutdown	10/17/2023	21:58:00	10/18/2023	8:26:00	10.47				150	150
Polk 3	80	Reserve Shutdown	10/18/2023	9:08:00	10/20/2023	14:39:00	53.52			Reserve Shutdown	150	150
Polk 3	81	Unplanned (Forced) I	10/27/2023	1:56:00	10/27/2023	2:03:00	0.12	5060	Atomizing air system	Unit atomizing air valve 20AA-1 failed to open in time during swap to liquid fuel. Thi	150	150
Polk 3	82	Reserve Shutdown	10/27/2023	2:03:00	10/27/2023	13:09:00	11.1				150	150
Polk 3	83	Reserve Shutdown	10/29/2023	22:33:00	10/30/2023	9:15:00	10.7			Reserve Shutdown	150	150
Polk 3	84	Reserve Shutdown	10/30/2023	9:57:00	10/30/2023	11:55:00	1.97			Reserve Shutdown	150	150
Polk 3	85	Reserve Shutdown	10/31/2023	0:04:00	10/31/2023	13:08:00	13.07			Reserve Shutdown	150	150

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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
Polk 4	66	Reserve Shutdown	10/3/2023	1:08:00	10/3/2023	13:10:00	12.03			Reserve Shutdown		150
Polk 4	67	Reserve Shutdown	10/5/2023	0:47:00	10/5/2023	11:13:00	10.43			Reserve Shutdown		150
Polk 4	68	Reserve Shutdown	10/6/2023	4:59:00	10/6/2023	12:29:00	7.5			Reserve Shutdown		150
Polk 4	69	Reserve Shutdown	10/8/2023	1:26:00	10/9/2023	5:55:00	28.48			Reserve Shutdown		150
Polk 4	70	Reserve Shutdown	10/10/2023	10:32:00	10/10/2023	17:24:00	6.87			Reserve Shutdown		150
Polk 4	71	Reserve Shutdown	10/14/2023	22:46:00	10/17/2023	18:38:00	67.87			Reserve Shutdown		150
Polk 4	72	Reserve Shutdown	10/17/2023	22:00:00	10/18/2023	15:56:00	17.93			Reserve Shutdown		150
Polk 4	73	Reserve Shutdown	10/20/2023	22:28:00	10/21/2023	10:38:00	12.17			Reserve Shutdown		150
Polk 4	74	Reserve Shutdown	10/22/2023	0:35:00	10/22/2023	13:55:00	13.33			Reserve Shutdown		150
Polk 4	75	Reserve Shutdown	10/22/2023	21:04:00	10/23/2023	5:20:00	8.27			Reserve Shutdown		150
Polk 4	76	Reserve Shutdown	10/24/2023	1:42:00	10/24/2023	13:25:00	11.72			Reserve Shutdown		150
Polk 4	77	Reserve Shutdown	10/26/2023	0:54:00	10/26/2023	3:09:00	2.25			Reserve Shutdown		150
Polk 4	78	Unplanned (Force)	10/26/2023	8:27:00	10/27/2023	1:00:00	16.55	5190	Other auxiliary system problems	HRSG4 APE AC feeder breaker A4402C lost its closed indication. This caused the breaker		150
Polk 4	79	Reserve Shutdown	10/27/2023	1:00:00	10/27/2023	6:46:00	5.77					150
Polk 4	80	Reserve Shutdown	10/29/2023	0:20:00	10/29/2023	14:00:00	13.67			Reserve Shutdown		150

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
Polk 5	71	Reserve Shutdown	10/2/2023	1:23:00	10/2/2023	17:12:00	15.82		Reserve Shutdown		150	150
Polk 5	72	Reserve Shutdown	10/4/2023	0:42:00	10/4/2023	13:31:00	12.82		Reserve Shutdown		150	150
Polk 5	73	Reserve Shutdown	10/7/2023	21:22:00	10/8/2023	19:23:00	22.02		Reserve Shutdown		150	150
Polk 5	74	Reserve Shutdown	10/10/2023	0:40:00	10/10/2023	14:45:00	14.08		Reserve Shutdown		150	150
Polk 5	75	Reserve Shutdown	10/14/2023	21:04:00	10/16/2023	18:19:00	45.25		Reserve Shutdown		150	150
Polk 5	76	Reserve Shutdown	10/17/2023	10:01:00	10/17/2023	17:49:00	7.8		Reserve Shutdown		150	150
Polk 5	77	Reserve Shutdown	10/18/2023	23:41:00	10/19/2023	16:29:00	16.8		Reserve Shutdown		150	150
Polk 5	78	Reserve Shutdown	10/21/2023	1:02:00	10/21/2023	13:06:00	12.07		Reserve Shutdown		150	150
Polk 5	79	Reserve Shutdown	10/23/2023	0:22:00	10/23/2023	11:46:00	11.4		Reserve Shutdown		150	150
Polk 5	80	Reserve Shutdown	10/24/2023	19:14:00	10/24/2023	20:54:00	1.67		Reserve Shutdown		150	150
Polk 5	81	Reserve Shutdown	10/28/2023	0:20:00	10/28/2023	13:08:00	12.8		Reserve Shutdown		150	150
Polk 5	82	Reserve Shutdown	10/31/2023	23:56:00	10/31/2023	23:59:00	0.07		Reserve Shutdown		150	150