



October 25, 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 September 2023.

In addition, attached are Tampa Electric Company's revised GPIF Actual Unit Performance Data Schedules for the month of August 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 25th day of October 2023 to the following:

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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				89.8
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	744.0	672.0	577.4	720.0	744.0	720.0	744.0	744.0	396.3				6,061.7
4. Reserve Shutdown Hours	RSH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14.1				14.1
5. Unavailable Hours	UH	6.3	0.1	224.2	0.7	52.8	0.0	3.0	3.3	309.6				600.0
6. Planned Outage Hours	POH	6.3	0.0	219.2	0.0	0.0	0.0	0.0	0.0	301.1				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				28.0
8. Maintenance Outage Hours	MOH	0.0	0.0	0.0	0.0	42.5	0.0	3.0	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				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				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				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				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				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				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
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				17,978.1
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				2,433,413.3
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				7,388.0
16. Net Output Factor (%)	NOF	43.7	36.2	49.3	65.2	56.1	59.2	56.2	59.1	65.7				53.7
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				747.3
18. Avg. Net Operating Heat Rate Equation		ANOHR = NOF (-3.808) + 7,647												

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:	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				96.1
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	0.0	134.9	743.0	720.0	744.0	720.0	744.0	744.0	693.6				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				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				235.4
6. Planned Outage Hours	POH	130.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.0				150.2
7. Forced Outage Hours	FOH	30.9	0.0	7.8	0.0	0.0	0.0	0.0	0.0	14.3				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				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
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	42.7	0.0	0.0	0.0	0.0	0.0	85.1				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				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				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				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
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				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				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				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				53.7
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 (-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:	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				49.9
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	86.1	338.3	704.3	169.6	0.0	0.0	600.2	540.9	447.3				2,886.7
4. Reserve Shutdown Hours	RSH	473.0	311.5	1.0	0.0	0.0	0.0	0.0	0.0	26.8				812.3
5. Unavailable Hours	UH	185.0	22.2	38.7	550.5	744.0	720.0	143.8	203.1	245.9				2,853.2
6. Planned Outage Hours	POH	0.0	0.0	0.0	550.5	744.0	682.1	0.0	0.0	0.0				1,976.6
7. Forced Outage Hours	FOH	0.0	22.2	38.7	0.0	0.0	37.9	71.7	0.0	113.2				283.7
8. Maintenance Outage Hours	MOH	185.0	0.0	0.0	0.0	0.0	0.0	72.1	203.1	132.8				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
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	86.1	0.0	334.3	169.6	0.0	0.0	0.0	398.5	454.7				1,443.2
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				116.1
11a. Partial Maintenance Outage Hours	PMOH	0.0	0.0	0.0	0.0	0.0	0.0	190.8	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				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
13. Operating British Thermal Units (GBTU)	OPR BTU	246.7	763.3	2,009.9	487.9	0.0	0.0	1,392.4	1,047.2	783.6				6,730.9
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				664,796.0
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	8,630.0	6,738.0				10,124.8
16. Net Output Factor (%)	NOF	62.7	45.6	58.5	59.5	0.0	0.0	46.0	53.2	61.6				54.1
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 (-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:	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				89.9
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	663.1	672.0	517.2	720.0	744.0	720.0	739.1	744.0	456.1				5,975.5
4. Reserve Shutdown Hours	RSH	0.0	0.0	45.1	0.0	0.0	0.0	0.7	0.0	82.5				128.3
5. Unavailable Hours	UH	94.3	0.0	181.7	44.5	11.4	25.8	4.2	4.4	181.4				547.7
6. Planned Outage Hours	POH	25.9	0.0	180.4	25.5	0.0	0.0	0.0	0.3	155.7				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				88.4
8. Maintenance Outage Hours	MOH	24.7	0.0	1.4	14.9	2.7	25.8	2.1	0.0	0.0				71.6
9a. Partial Planned Outage Hours	PPOH	0.0	0.0	235.1	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				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				327.7
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				107.0
11a. Partial Maintenance Outage Hours	PMOH	0.0	0.0	0.0	278.0	19.3	182.6	14.9	0.0	0.0				494.8
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				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
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				31,062.0
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				4,370,281.0
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				7,107.6
16. Net Output Factor (%)	NOF	53.6	49.0	60.6	72.9	80.4	72.4	73.3	72.7	57.9				66.0
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 (-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
September 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)	193	Reserve Shutdown	9/1/2023	21:13:00	9/2/2023	16:00:00	18.78			Reserve Shutdown		168
BS CT1(A)	194	Reserve Shutdown	9/8/2023	13:14:00	9/9/2023	12:06:00	22.87			Reserve Shutdown		168
BS CT1(A)	195	Reserve Shutdown	9/15/2023	1:27:00	9/16/2023	6:25:00	28.97			Reserve Shutdown		168
BS CT1(A)	196	Planned Outage	9/16/2023	6:25:00	9/28/2023	19:29:00	301.07	5274	General unit inspection	1A CT Fall 2023 planned outage. Enhanced Borescope Inspection on gas path		168
BS CT1(A)	197	Reserve Shutdown	9/28/2023	19:29:00	9/29/2023	12:46:00	17.28			Reserve Shutdown		168

Tampa Electric Company
Outage Listing
September 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(B)	184	Reserve Shutdown	9/1/2023	0:00:00	9/1/2023	11:59:00	11.98			Reserve Shutdown		168
BS CT1(B)	185	Reserve Shutdown	9/8/2023	22:44:00	9/9/2023	13:16:00	14.53			Reserve Shutdown		168
BS CT1(B)	186	Reserve Shutdown	9/15/2023	1:43:00	9/16/2023	6:25:00	28.7			Reserve Shutdown		168
BS CT1(B)	187	Planned Outage	9/16/2023	6:25:00	9/28/2023	19:29:00	301.07	5274	General unit inspection	Unit 1B Fall 2023 planned outage. Enhanced Borescope Inspection on gas path		168
BS CT1(B)	188	Reserve Shutdown	9/28/2023	19:29:00	9/29/2023	8:46:00	13.28			Reserve Shutdown		168

Tampa Electric Company
Outage Listing
September 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(C)	235	Reserve Shutdown	9/1/2023	20:06:00	9/2/2023	10:05:00	13.98			Reserve Shutdown		168
BS CT1(C)	236	Reserve Shutdown	9/4/2023	8:05:00	9/4/2023	15:17:00	7.2			Reserve Shutdown		168
BS CT1(C)	237	Reserve Shutdown	9/11/2023	0:50:00	9/11/2023	2:06:00	1.27			Reserve Shutdown		168
BS CT1(C)	238	Reserve Shutdown	9/13/2023	0:45:00	9/13/2023	15:03:00	14.3			Reserve Shutdown		168
BS CT1(C)	239	Reserve Shutdown	9/15/2023	20:01:00	9/16/2023	6:25:00	10.4			Reserve Shutdown		168
BS CT1(C)	240	Planned Outage	9/16/2023	6:25:00	9/28/2023	19:29:00	301.07	5274	General unit inspection	Unit 1C Fall 2023 planned outage. Enhanced Borescope Inspection on gas path		168
BS CT1(C)	241	Reserve Shutdown	9/28/2023	19:29:00	9/28/2023	20:42:00	1.22			Reserve Shutdown		168
BS CT1(C)	242	Unplanned (Forced) Outage - Immediate	9/29/2023	10:05:00	9/30/2023	23:59:00	37.92	0520	Other main steam valves (including vent and drain	Unit 1C HRSG IP system drain valve open		168

Tampa Electric Company
 Outage Listing
 September 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 ST 1	25	Reserve Shutdown	9/15/2023	19:03:00	9/16/2023	6:25:00	11.37			Reserve Shutdown		245
BS ST 1	26	Planned Outage	9/16/2023	6:25:00	9/28/2023	19:29:00	301.07	3999	Other miscellaneous balance of plant problems	Unit 1 ST Fall 2023 planned outage. Enhanced borescope inspection on gas path for CTs		245
BS ST 1	27	Reserve Shutdown	9/28/2023	19:29:00	9/29/2023	6:46:00	11.28			Reserve Shutdown		245

Tampa Electric Company
Outage Listing
September 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)	62	Reserve Shutdown	9/1/2023	0:15:00	9/1/2023	10:21:00	10.1			Reserve Shutdown		156
BS CT2(A)	63	Reserve Shutdown	9/3/2023	2:23:00	9/3/2023	9:59:00	7.6			Reserve Shutdown		156
BS CT2(A)	64	Reserve Shutdown	9/4/2023	3:02:00	9/4/2023	10:45:00	7.72			Reserve Shutdown		156
BS CT2(A)	65	Reserve Shutdown	9/8/2023	0:29:00	9/8/2023	11:19:00	10.83			Reserve Shutdown		156
BS CT2(A)	66	Reserve Shutdown	9/9/2023	22:24:00	9/10/2023	11:01:00	12.62			Reserve Shutdown		156
BS CT2(A)	67	Reserve Shutdown	9/15/2023	7:48:00	9/15/2023	15:04:00	7.27			Reserve Shutdown		156
BS CT2(A)	68	Reserve Shutdown	9/20/2023	18:05:00	9/21/2023	8:37:00	14.53			Reserve Shutdown		156
BS CT2(A)	69	Reserve Shutdown	9/22/2023	0:20:00	9/22/2023	15:29:00	15.15			Reserve Shutdown		156
BS CT2(A)	70	Reserve Shutdown	9/24/2023	21:10:00	9/25/2023	12:52:00	15.7			Reserve Shutdown		156
BS CT2(A)	71	Reserve Shutdown	9/28/2023	22:24:00	9/29/2023	5:43:00	7.32			Reserve Shutdown		156
BS CT2(A)	72	Reserve Shutdown	9/29/2023	19:31:00	9/30/2023	4:02:00	8.52			Reserve Shutdown		156
BS CT2(A)	73	Planned Outage	9/30/2023	4:02:00	9/30/2023	23:59:00	19.97	5250	Other controls and instru	Unit 2A Fall 2023 Planned Outage	Note: The CTs are getting controls upgrades.	156

**Tampa Electric Company
Outage Listing
September 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(B)	91	Reserve Shutdown	9/1/2023	0:56:00	9/1/2023	14:23:00	13.45			Reserve Shutdown		156
BS CT2(B)	92	Reserve Shutdown	9/10/2023	0:56:00	9/10/2023	12:14:00	11.3			Reserve Shutdown		156
BS CT2(B)	93	Reserve Shutdown	9/20/2023	21:15:00	9/21/2023	16:40:00	19.42			Reserve Shutdown		156
BS CT2(B)	94	Reserve Shutdown	9/22/2023	22:15:00	9/24/2023	14:28:00	40.22			Reserve Shutdown		156
BS CT2(B)	95	Reserve Shutdown	9/25/2023	23:22:00	9/26/2023	11:29:00	12.12			Reserve Shutdown		156
BS CT2(B)	96	Reserve Shutdown	9/28/2023	0:38:00	9/28/2023	13:39:00	13.02			Reserve Shutdown		156
BS CT2(B)	97	Reserve Shutdown	9/29/2023	19:49:00	9/30/2023	4:02:00	8.22			Reserve Shutdown		156
BS CT2(B)	98	Planned Outage	9/30/2023	4:02:00	9/30/2023	23:59:00	19.97	5250	Other controls and instr	Unit 2B Fall 2023 Planned Outage	Note: The CTs are getting controls upgrades.	156

Tampa Electric Company
Outage Listing
September 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(C)	85	Reserve Shutdown	9/15/2023	2:23:00	9/15/2023	11:09:00	8.77		Reserve Shutdown			156
BS CT2(C)	86	Reserve Shutdown	9/18/2023	2:48:00	9/18/2023	11:39:00	8.85		Reserve Shutdown			156
BS CT2(C)	87	Reserve Shutdown	9/21/2023	20:41:00	9/22/2023	13:22:00	16.68		Reserve Shutdown			156
BS CT2(C)	88	Reserve Shutdown	9/22/2023	23:40:00	9/24/2023	17:04:00	41.4		Reserve Shutdown			156
BS CT2(C)	89	Reserve Shutdown	9/25/2023	0:27:00	9/25/2023	16:29:00	16.03		Reserve Shutdown			156
BS CT2(C)	90	Reserve Shutdown	9/26/2023	0:40:00	9/26/2023	15:10:00	14.5		Reserve Shutdown			156
BS CT2(C)	91	Reserve Shutdown	9/29/2023	21:31:00	9/30/2023	4:02:00	6.52		Reserve Shutdown			156
BS CT2(C)	92	Planned Outage	9/30/2023	4:02:00	9/30/2023	23:59:00	19.97	5250	Other controls and instrumenta	Unit 2C Fall 2023 Planned OutageNote: The CTs are getting controls upgrades.		156

**Tampa Electric Company
Outage Listing
September 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(D)	94	Reserve Shutdown	9/1/2023	23:50:00	9/2/2023	12:08:00	12.3			Reserve Shutdown		156
BS CT2(D)	95	Reserve Shutdown	9/14/2023	1:11:00	9/14/2023	10:52:00	9.68			Reserve Shutdown		156
BS CT2(D)	96	Unplanned (Forced	9/15/2023	8:41:00	9/16/2023	14:55:00	30.23	5250	Other controls and instr	Unit 2D fire protection instrumentation issue		156
BS CT2(D)	97	Reserve Shutdown	9/16/2023	14:55:00	9/16/2023	15:32:00	0.62			Reserve Shutdown		156
BS CT2(D)	98	Unplanned (Forced	9/16/2023	18:06:00	9/18/2023	1:23:00	31.28	5250	Other controls and instr	Unit 2D fire protection instrumentation issue		156
BS CT2(D)	99	Reserve Shutdown	9/18/2023	1:23:00	9/18/2023	1:55:00	0.53			Reserve Shutdown		156
BS CT2(D)	100	Unplanned (Forced	9/18/2023	10:15:00	9/18/2023	15:19:00	5.07	5250	Other controls and instr	Unit 2D fire protection instrumentation issue		156
BS CT2(D)	101	Reserve Shutdown	9/18/2023	15:19:00	9/18/2023	17:27:00	2.13			Reserve Shutdown		156
BS CT2(D)	102	Unplanned (Forced	9/18/2023	18:26:00	9/19/2023	12:54:00	18.47	5250	Other controls and instr	Unit 2D fire protection instrumentation issue		156
BS CT2(D)	103	Reserve Shutdown	9/19/2023	12:54:00	9/19/2023	18:39:00	5.75			Reserve Shutdown		156
BS CT2(D)	104	Reserve Shutdown	9/26/2023	21:09:00	9/27/2023	14:35:00	17.43			Reserve Shutdown		156
BS CT2(D)	105	Reserve Shutdown	9/29/2023	20:18:00	9/30/2023	4:02:00	7.73			Reserve Shutdown		156
BS CT2(D)	106	Planned Outage	9/30/2023	4:02:00	9/30/2023	23:59:00	19.97	5250	Other controls and instr	Unit 2D Fall 2023 Planned Outage		156

Tampa Electric Company
Outage Listing
September 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 ST 2	9	Unplanned (Forced) De	9/15/2023	8:41:00	9/16/2023	14:55:00	30.23	3999	Other miscellaneous balance of plant problems	Unit 2D fire protection instrumentation issue causing derate	229	305
BS ST 2	10	Unplanned (Forced) De	9/16/2023	18:06:00	9/18/2023	1:23:00	31.28	3999	Other miscellaneous balance of plant problems	Unit 2D fire protection instrumentation issue causing derate	229	305
BS ST 2	11	Unplanned (Forced) De	9/18/2023	10:15:00	9/18/2023	15:19:00	5.07	3999	Other miscellaneous balance of plant problems	Unit 2D fire protection instrumentation issue causing derate	229	305
BS ST 2	12	Unplanned (Forced) De	9/18/2023	18:26:00	9/19/2023	12:54:00	18.47	3999	Other miscellaneous balance of plant problems	Unit 2D fire protection instrumentation issue causing derate	229	305
BS ST 2	13	Reserve Shutdown	9/29/2023	21:33:00	9/30/2023	4:02:00	6.48			Reserve Shutdown		305
BS ST 2	14	Planned Outage	9/30/2023	4:02:00	9/30/2023	23:59:00	19.97	4609	Other exciter problems	Unit 2ST Fall 2023 Planned Outage Note: The ST is working on the exciters		305

Tampa Electric Company
Outage Listing
September 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
Big Bend 4	21	Unplanned (Forced) Derating - Immediate	9/1/2023	0:00:00	9/14/2023	19:45:00	331.75	1400	Forced draft fans	B Forced draft fan tripped due to loss of D booster fan (high vibration trip). Forced	242	422
Big Bend 4	22	Unplanned (Forced) Outage - Immediate	9/8/2023	23:27:00	9/8/2023	23:30:00	0.05	0250	Pulverizer feeders	False feeder speed indications due to suspected power glitch tripped the pulverizers.		422
Big Bend 4	23	Reserve Shutdown	9/8/2023	23:30:00	9/9/2023	7:00:00	7.5			Reserve shutdown. ESO gave the okay to begin the pre-planned maintenance outage.		422
Big Bend 4	24	Maintenance Outage	9/9/2023	7:00:00	9/14/2023	19:45:00	132.75	1401	Forced draft fan dampers	Outage to address fan dampers.		422
Big Bend 4	25	Reserve Shutdown	9/14/2023	19:45:00	9/15/2023	15:00:00	19.25			Reserve shutdown		422
Big Bend 4	26	Unplanned (Forced) Outage - Immediate	9/15/2023	15:00:00	9/20/2023	8:08:00	113.13	8260	Scrubber booster I.D. fan (fan speci	C Booster fan experienced high vibration during startup. Outage to investigate cause.		422
Big Bend 4	27	Unplanned (Forced) Derating - Immediate	9/20/2023	8:15:00	9/30/2023	23:59:00	255.75	0871	Soot blowers - sonic	High APH outlet and SCR inlet temps. Suspect ash buildup due to inoperative sootblower	332	422

Tampa Electric Company
 Outage Listing
 September 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
Polk 2	112	Planned Outage	9/1/2023	0:00:00	9/7/2023	0:00:00	144	5048	Gas fuel system including	Planned outage to address, among other things, electrical contractors to be replac	150	150
Polk 2	113	Reserve Shutdown	9/7/2023	0:00:00	9/9/2023	16:16:00	64.27			Reserve Shutdown	150	150
Polk 2	114	Unplanned (Forced	9/9/2023	16:16:00	9/9/2023	18:15:00	1.98	4750	Other generator control: Unit 2 LCI communications faulted, causing the unit to become unavailable until a		150	150
Polk 2	115	Reserve Shutdown	9/9/2023	18:15:00	9/10/2023	15:54:00	21.65				150	150
Polk 2	116	Reserve Shutdown	9/10/2023	23:27:00	9/11/2023	17:44:00	18.28				150	150
Polk 2	117	Reserve Shutdown	9/12/2023	0:16:00	9/15/2023	6:28:00	78.2				150	150
Polk 2	118	Reserve Shutdown	9/17/2023	22:21:00	9/18/2023	0:19:00	1.97			Unit shut down to restart in combined cycle after damper swapped to simple cycle	150	150
Polk 2	119	Reserve Shutdown	9/18/2023	0:51:00	9/18/2023	1:52:00	1.02			Unit shut down to restart in combined cycle after damper swapped to simple cycle	150	150
Polk 2	120	Reserve Shutdown	9/21/2023	1:18:00	9/21/2023	8:03:00	6.75			Reserve Shutdown	150	150
Polk 2	121	Reserve Shutdown	9/22/2023	21:21:00	9/23/2023	13:54:00	16.55			Reserve Shutdown	150	150
Polk 2	61	Reserve Shutdown	9/29/2023	23:32:00	9/30/2023	16:19:00	16.78			Reserve Shutdown	150	150

Tampa Electric Company
Outage Listing
September 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
Polk 2 ST	80	Planned Outage	9/3/2023	0:49:00	9/13/2023	9:00:00	248.18	9320	Other miscellaneous external problems	ST2 planned outage. Scope includes repair of minor ammonia storage tank leak (critical		461
Polk 2 ST	81	Unplanned (Forced) Outage - Immediate	9/13/2023	9:00:00	9/14/2023	23:42:00	38.7	3999	Other miscellaneous balance of plant problems	When ST2 planned outage steam drum inspections were completed on all 4 HRSG's, some dr		461
Polk 2 ST	82	Unplanned (Forced) Derating - Immediate	9/16/2023	11:25:00	9/16/2023	20:10:00	8.75	3999	Other miscellaneous balance of plant problems	CT3 HI HI gas level alarm came in during HRSG warm-up. There was a leak in the fuel ga	341.75	461
Polk 2 ST	83	Unplanned (Forced) Derating - Immediate	9/17/2023	22:21:00	9/18/2023	0:18:00	1.95	3999	Other miscellaneous balance of plant problems	CT2 boiler feed pump tripped on high vibration. During later low system load troublesh	341.75	461
Polk 2 ST	84	Unplanned (Forced) Derating - Immediate	9/18/2023	0:50:00	9/18/2023	1:51:00	1.02	3999	Other miscellaneous balance of plant problems	CT2 continuation of boiler feed pump vibration issue due to Bently Nevada vibration ca	341.75	461
Polk 2 ST	85	Unplanned (Forced) Derating - Immediate	9/19/2023	4:43:00	9/21/2023	9:00:00	52.28	3999	Other miscellaneous balance of plant problems	CT3 both auxiliary lube oil pumps were running, with normal pressure. Lube oil pump B	341.75	461

Tampa Electric Company
 Outage Listing
 September 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
Polk 3	65	Reserve Shutdown	9/3/2023	0:08:00	9/5/2023	13:34:00	61.43			Reserve Shutdown		150
Polk 3	66	Reserve Shutdown	9/6/2023	0:28:00	9/8/2023	1:00:00	48.53			Reserve Shutdown		150
Polk 3	67	Planned Outage	9/8/2023	1:00:00	9/16/2023	3:35:00	194.58	5274	General unit inspection	Polk 3 planned outage. Critical path is EBI on the CT. Other work includes annual and		150
Polk 3	68	Reserve Shutdown	9/16/2023	3:35:00	9/16/2023	11:11:00	7.6					150
Polk 3	69	Unplanned (Forced) C	9/16/2023	11:25:00	9/16/2023	18:00:00	6.58	5041	Fuel piping and valves	HI HI gas level alarm came in during HRSRG warm-up. There was a leak in the fuel gas sk		150
Polk 3	70	Startup Failure	9/16/2023	18:00:00	9/16/2023	20:10:00	2.17	5060	Atomizing air system	Unit atomizing air valve 20AAA-1 failed to open in time. This caused the unit to trip d		150
Polk 3	71	Unplanned (Forced) C	9/19/2023	4:44:00	9/21/2023	9:00:00	52.27	5111	Lube oil pumps	Both auxiliary lube oil pumps were running, with normal pressure. Lube oil pump B moto		150
Polk 3	72	Reserve Shutdown	9/21/2023	9:00:00	9/21/2023	14:03:00	5.05					150
Polk 3	73	Reserve Shutdown	9/23/2023	21:09:00	9/24/2023	13:37:00	16.47			Reserve Shutdown		150
Polk 3	74	Reserve Shutdown	9/24/2023	22:24:00	9/25/2023	12:33:00	14.15			Reserve Shutdown		150
Polk 3	75	Reserve Shutdown	9/25/2023	22:30:00	9/26/2023	11:36:00	13.1			Reserve Shutdown		150
Polk 3	76	Reserve Shutdown	9/27/2023	11:21:00	9/28/2023	11:54:00	24.55			Reserve Shutdown		150
Polk 3	77	Reserve Shutdown	9/29/2023	5:15:00	9/29/2023	19:29:00	14.23			Reserve Shutdown		150

Tampa Electric Company
 Outage Listing
 September 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
Polk 4	53	Reserve Shutdown	9/3/2023	0:58:00	9/3/2023	16:23:00	15.42			Reserve Shutdown		150
Polk 4	54	Reserve Shutdown	9/4/2023	0:18:00	9/4/2023	17:26:00	17.13			Reserve Shutdown		150
Polk 4	55	Reserve Shutdown	9/5/2023	1:05:00	9/6/2023	17:46:00	40.68			Reserve Shutdown		150
Polk 4	56	Reserve Shutdown	9/7/2023	8:27:00	9/9/2023	14:33:00	54.1			Reserve Shutdown		150
Polk 4	57	Reserve Shutdown	9/9/2023	21:41:00	9/10/2023	17:08:00	19.45			Reserve Shutdown		150
Polk 4	58	Reserve Shutdown	9/10/2023	22:07:00	9/11/2023	12:40:00	14.55			Reserve Shutdown		150
Polk 4	59	Reserve Shutdown	9/11/2023	22:50:00	9/12/2023	14:38:00	15.8			Reserve Shutdown		150
Polk 4	60	Reserve Shutdown	9/12/2023	20:25:00	9/13/2023	15:54:00	19.48			Reserve Shutdown		150
Polk 4	61	Reserve Shutdown	9/13/2023	21:57:00	9/14/2023	16:01:00	18.07			Reserve Shutdown		150
Polk 4	62	Reserve Shutdown	9/14/2023	17:57:00	9/14/2023	20:13:00	2.27			Reserve Shutdown		150
Polk 4	63	Reserve Shutdown	9/21/2023	20:01:00	9/22/2023	13:55:00	17.9			Reserve Shutdown		150
Polk 4	64	Reserve Shutdown	9/23/2023	1:22:00	9/23/2023	15:55:00	14.55			Reserve Shutdown		150
Polk 4	65	Reserve Shutdown	9/26/2023	23:43:00	9/27/2023	14:15:00	14.53			Reserve Shutdown		150

Tampa Electric Company
 Outage Listing
 September 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
Polk 5	62	Reserve Shutdown	9/1/2023	0:00:00	9/1/2023	8:05:00	8.08					150
Polk 5	63	Reserve Shutdown	9/2/2023	23:13:00	9/5/2023	16:58:00	65.75		Reserve Shutdown			150
Polk 5	64	Reserve Shutdown	9/6/2023	1:24:00	9/9/2023	16:32:00	87.13		Reserve Shutdown			150
Polk 5	65	Reserve Shutdown	9/10/2023	2:50:00	9/10/2023	15:55:00	13.08		Reserve Shutdown			150
Polk 5	66	Reserve Shutdown	9/12/2023	0:31:00	9/13/2023	16:25:00	39.9		Reserve Shutdown			150
Polk 5	67	Reserve Shutdown	9/14/2023	0:17:00	9/14/2023	17:59:00	17.7		Reserve Shutdown			150
Polk 5	68	Reserve Shutdown	9/20/2023	0:17:00	9/20/2023	12:39:00	12.37		Reserve Shutdown			150
Polk 5	69	Reserve Shutdown	9/22/2023	1:01:00	9/22/2023	12:59:00	11.97		Reserve Shutdown			150
Polk 5	70	Reserve Shutdown	9/24/2023	0:29:00	9/24/2023	15:22:00	14.88		Reserve Shutdown			150

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					93.9
2. Period Hours	PH	744.0	672.0	743.0	720.0	744.0	720.0	744.0	744.0					5,831.0
3. Service Hours	SH	744.0	672.0	577.4	720.0	744.0	720.0	744.0	744.0					5,665.4
4. Reserve Shutdown Hours	RSH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					0.0
5. Unavailable Hours	UH	6.3	0.1	224.2	0.7	52.8	0.0	3.0	3.3					290.4
6. Planned Outage Hours	POH	6.3	0.0	219.2	0.0	0.0	0.0	0.0	0.0					225.5
7. Forced Outage Hours	FOH	0.1	0.1	5.0	0.7	10.3	0.0	0.0	3.3					19.5
8. Maintenance Outage Hours	MOH	0.0	0.0	0.0	0.0	42.5	0.0	3.0	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					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					79.0
10a. Partial Forced Outage Hours	PFOH	0.4	0.4	7.0	3.3	46.5	0.0	0.0	14.7					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					78.4
11a. Partial Maintenance Outage Hours	PMOH	27.1	0.0	0.0	0.0	190.8	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					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
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					16,534.7
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					2,238,330.5
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					7,387.1
16. Net Output Factor (%)	NOF	43.7	36.2	49.3	65.2	56.1	59.2	56.2	59.1					52.9
17. Net Period Continuous Rating (MW)	NPC	792.0	792.0	792.0	701.0	701.0	701.0	749.0	749.0					747.1
18. Avg. Net Operating Heat Rate Equation		ANOHR = NOF (-3.808) + 7,647												

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	
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					96.3
2. Period Hours	PH	744.0	672.0	743.0	720.0	744.0	720.0	744.0	744.0					5,831.0
3. Service Hours	SH	0.0	134.9	743.0	720.0	744.0	720.0	744.0	744.0					4,549.9
4. Reserve Shutdown Hours	RSH	582.9	537.1	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					201.1
6. Planned Outage Hours	POH	130.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0					130.2
7. Forced Outage Hours	FOH	30.9	0.0	7.8	0.0	0.0	0.0	0.0	0.0					38.7
8. Maintenance Outage Hours	MOH	0.0	0.0	6.1	3.8	9.2	0.0	5.2	7.9					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
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
10a. Partial Forced Outage Hours	PFOH	0.0	0.0	42.7	0.0	0.0	0.0	0.0	0.0					42.7
10b. Load Reduction Partial Forced (MW)	LRPF	0.0	0.0	80.3	0.0	0.0	0.0	0.0	0.0					80.3
11a. Partial Maintenance Outage Hours	PMOH	0.0	0.0	34.9	22.9	55.0	0.0	0.0	46.9					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					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
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					17,161.9
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					2,291,572.2
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					7,489.1
16. Net Output Factor (%)	NOF	0.0	26.5	52.8	58.3	54.8	52.7	48.8	55.9					51.7
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					973.3
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					50.3
2. Period Hours	PH	744.0	672.0	743.0	720.0	744.0	720.0	744.0	744.0					5,831.0
3. Service Hours	SH	86.1	338.3	704.3	169.6	0.0	0.0	600.2	540.9					2,439.4
4. Reserve Shutdown Hours	RSH	473.0	311.5	1.0	0.0	0.0	0.0	0.0	0.0					785.5
5. Unavailable Hours	UH	185.0	22.2	38.7	550.5	744.0	720.0	143.8	203.1					2,607.3
6. Planned Outage Hours	POH	0.0	0.0	0.0	550.5	744.0	682.1	0.0	0.0					1,976.6
7. Forced Outage Hours	FOH	0.0	22.2	38.7	0.0	0.0	37.9	71.7	0.0					170.5
8. Maintenance Outage Hours	MOH	185.0	0.0	0.0	0.0	0.0	0.0	72.1	203.1					460.2
9a. Partial Planned Outage Hours	PPOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					0.0
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
10a. Partial Forced Outage Hours	PFOH	86.1	0.0	334.3	169.6	0.0	0.0	0.0	398.5					988.5
10b. Load Reduction Partial Forced (MW)	LRPF	90.0	0.0	96.3	20.0	0.0	0.0	0.0	164.0					110.0
11a. Partial Maintenance Outage Hours	PMOH	0.0	0.0	0.0	0.0	0.0	0.0	190.8	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					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
13. Operating British Thermal Units (GBTU)	OPR BTU	246.7	763.3	2,009.9	487.9	0.0	0.0	1,392.4	1,124.2					6,024.3
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					548,493.0
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	9,264.0					10,983.3
16. Net Output Factor (%)	NOF	62.7	45.6	58.5	59.5	0.0	0.0	46.0	53.2					52.8
17. Net Period Continuous Rating (MW)	NPC	432.0	432.0	432.0	422.0	422.0	422.0	422.0	422.0					425.8
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

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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					91.9
2. Period Hours	PH	744.0	672.0	743.0	720.0	744.0	720.0	744.0	744.0					5,831.0
3. Service Hours	SH	663.1	672.0	517.2	720.0	744.0	720.0	739.1	744.0					5,519.4
4. Reserve Shutdown Hours	RSH	0.0	0.0	45.1	0.0	0.0	0.0	0.7	0.0					45.8
5. Unavailable Hours	UH	94.3	0.0	181.7	44.5	11.4	25.8	4.2	4.4					366.3
6. Planned Outage Hours	POH	25.9	0.0	180.4	25.5	0.0	0.0	0.0	0.3					232.1
7. Forced Outage Hours	FOH	43.7	0.0	0.0	4.1	8.7	0.0	2.1	4.1					62.7
8. Maintenance Outage Hours	MOH	24.7	0.0	1.4	14.9	2.7	25.8	2.1	0.0					71.6
9a. Partial Planned Outage Hours	PPOH	0.0	0.0	235.1	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					127.0
10a. Partial Forced Outage Hours	PFOH	108.7	22.5	2.4	29.8	54.3	3.3	10.5	32.2					263.7
10b. Load Reduction Partial Forced (MW)	LRPF	75.0	114.9	138.8	120.0	134.6	115.6	119.2	119.3					104.0
11a. Partial Maintenance Outage Hours	PMOH	0.0	0.0	0.0	278.0	19.3	182.6	14.9	0.0					494.8
11b. Load Reduction Partial Maintenance (MW)	LRPM	0.0	0.0	0.0	123.5	115.3	115.3	119.4	0.0					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
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					28,920.0
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					4,090,022.0
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					7,070.9
16. Net Output Factor (%)	NOF	53.6	49.0	60.6	72.9	80.4	72.4	73.3	72.7					66.6
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					1,113.1
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
 August 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)	77	Reserve Shutdown	8/3/2023	20:00:00	8/4/2023	9:51:00	13.85			Reserve Shutdown		168
BS CT1(A)	78	Reserve Shutdown	8/6/2023	23:51:00	8/7/2023	10:18:00	10.45			Reserve Shutdown		168
BS CT1(A)	79	Reserve Shutdown	8/8/2023	0:44:00	8/8/2023	10:42:00	9.97			Reserve Shutdown		168
BS CT1(A)	80	Reserve Shutdown	8/8/2023	23:21:00	8/9/2023	10:25:00	11.07			Reserve Shutdown		168
BS CT1(A)	81	Reserve Shutdown	8/14/2023	21:45:00	8/15/2023	12:52:00	15.12			Reserve Shutdown		168
BS CT1(A)	82	Reserve Shutdown	8/17/2023	23:24:00	8/18/2023	11:28:00	12.07			Reserve Shutdown		168
BS CT1(A)	83	Reserve Shutdown	8/20/2023	1:13:00	8/21/2023	14:46:00	37.55			Reserve Shutdown		168
BS CT1(A)	84	Reserve Shutdown	8/23/2023	1:00:00	8/23/2023	14:52:00	13.87			Reserve Shutdown		168
BS CT1(A)	85	Reserve Shutdown	8/25/2023	23:10:00	8/26/2023	11:05:00	11.92			Reserve Shutdown		168
BS CT1(A)	86	Reserve Shutdown	8/26/2023	23:21:00	8/27/2023	11:51:00	12.5			Reserve Shutdown		168
BS CT1(A)	87	Reserve Shutdown	8/28/2023	21:29:00	8/29/2023	10:47:00	13.3			Reserve Shutdown		168
BS CT1(A)	88	Reserve Shutdown	8/29/2023	18:34:00	8/31/2023	7:04:00	36.5			Reserve Shutdown		168
BS CT1(A)	89	Unplanned (Forced	8/31/2023	7:04:00	8/31/2023	15:44:00	8.67	3999	Other miscellaneous bal: 1A Forced Outage due to failed safety valve on Fuel Gas Heater (Water Side).			168

Tampa Electric Company
Outage Listing
August 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(B)	234	Reserve Shutdown	8/1/2023	23:00:00	8/2/2023	8:21:00	9.35			Reserve Shutdown		168
BS CT1(B)	235	Reserve Shutdown	8/5/2023	0:46:00	8/5/2023	13:00:00	12.23			Reserve Shutdown		168
BS CT1(B)	236	Reserve Shutdown	8/9/2023	22:20:00	8/10/2023	4:00:00	5.67			Reserve Shutdown		168
BS CT1(B)	237	Unplanned (Forced	8/10/2023	4:00:00	8/10/2023	10:00:00		6 5160	Cooling and seal air syst	1B CT - No. 1 Exhaust Frame Blower failure.		168
BS CT1(B)	238	Reserve Shutdown	8/10/2023	10:00:00	8/10/2023	13:00:00	3					168
BS CT1(B)	239	Reserve Shutdown	8/10/2023	22:29:00	8/11/2023	14:26:00	15.95			Reserve Shutdown		168
BS CT1(B)	240	Reserve Shutdown	8/14/2023	1:19:00	8/14/2023	11:38:00	10.32			Reserve Shutdown		168
BS CT1(B)	241	Reserve Shutdown	8/18/2023	2:12:00	8/18/2023	13:42:00	11.5			Reserve Shutdown		168
BS CT1(B)	242	Reserve Shutdown	8/22/2023	22:00:00	8/23/2023	12:35:00	14.58			Reserve Shutdown		168
BS CT1(B)	243	Reserve Shutdown	8/24/2023	23:48:00	8/25/2023	11:08:00	11.33			Reserve Shutdown		168
BS CT1(B)	244	Reserve Shutdown	8/28/2023	1:09:00	8/28/2023	14:52:00	13.72			Reserve Shutdown		168
BS CT1(B)	245	Reserve Shutdown	8/31/2023	22:43:00	8/31/2023	23:59:00	1.28			Reserve Shutdown		168

Tampa Electric Company
Outage Listing
August 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(C)	97	Reserve Shutdown	8/4/2023	1:35:00	8/4/2023	15:16:00	13.68			Reserve Shutdown		168
BS CT1(C)	98	Reserve Shutdown	8/5/2023	0:17:00	8/5/2023	10:18:00	10.02			Reserve Shutdown		168
BS CT1(C)	99	Reserve Shutdown	8/5/2023	20:32:00	8/6/2023	11:01:00	14.48			Reserve Shutdown		168
BS CT1(C)	100	Reserve Shutdown	8/12/2023	2:01:00	8/12/2023	11:04:00	9.05			Reserve Shutdown		168
BS CT1(C)	101	Reserve Shutdown	8/14/2023	23:02:00	8/16/2023	9:44:00	34.7			Reserve Shutdown		168
BS CT1(C)	102	Reserve Shutdown	8/16/2023	21:42:00	8/17/2023	11:47:00	14.08			Reserve Shutdown		168
BS CT1(C)	103	Reserve Shutdown	8/18/2023	16:04:00	8/20/2023	10:02:00	41.97			Reserve Shutdown		168
BS CT1(C)	104	Reserve Shutdown	8/22/2023	0:49:00	8/22/2023	14:27:00	13.63			Reserve Shutdown		168
BS CT1(C)	105	Reserve Shutdown	8/24/2023	1:57:00	8/24/2023	15:17:00	13.33			Reserve Shutdown		168
BS CT1(C)	106	Reserve Shutdown	8/26/2023	1:13:00	8/26/2023	12:56:00	11.72			Reserve Shutdown		168
BS CT1(C)	107	Reserve Shutdown	8/29/2023	14:51:00	8/30/2023	12:58:00	22.12			Reserve Shutdown		168

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Tampa Electric Company
 Outage Listing
 August 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 ST 1	23	Unplanned (Forced) Derating - Immediate	8/10/2023	4:00:00	8/10/2023	10:00:00	6	3999	Other miscellaneous balance of plant problems	Derate due to 1B CT outage from the #1 exhaust frame blow.	166	245
BS ST 1	24	Unplanned (Forced) Derating - Immediate	8/31/2023	7:04:00	8/31/2023	15:44:00	8.67	3999	Other miscellaneous balance of plant problems	1A Forced Outage due to failed safety valve on Fuel Gas Heater (Water Side).	168	245

Tampa Electric Company
 Outage Listing
 August 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)	51	Reserve Shutdown	8/1/2023	0:00:00	8/1/2023	11:24:00	11.4		Reserve Shutdown			156
BS CT2(A)	52	Reserve Shutdown	8/2/2023	3:09:00	8/3/2023	10:02:00	30.88		Reserve Shutdown			156
BS CT2(A)	53	Reserve Shutdown	8/3/2023	22:11:00	8/4/2023	11:22:00	13.18		Reserve Shutdown			156
BS CT2(A)	54	Reserve Shutdown	8/7/2023	1:08:00	8/7/2023	12:04:00	10.93		Reserve Shutdown			156
BS CT2(A)	55	Reserve Shutdown	8/10/2023	0:03:00	8/10/2023	12:24:00	12.35		Reserve Shutdown			156
BS CT2(A)	56	Reserve Shutdown	8/12/2023	23:17:00	8/13/2023	11:22:00	12.08		Reserve Shutdown			156
BS CT2(A)	57	Reserve Shutdown	8/19/2023	22:29:00	8/20/2023	11:42:00	13.22		Reserve Shutdown			156
BS CT2(A)	58	Reserve Shutdown	8/21/2023	21:18:00	8/22/2023	17:57:00	20.65		Reserve Shutdown			156
BS CT2(A)	59	Reserve Shutdown	8/23/2023	23:40:00	8/24/2023	14:52:00	15.2		Reserve Shutdown			156
BS CT2(A)	60	Reserve Shutdown	8/25/2023	6:46:00	8/25/2023	10:27:00	3.68		Reserve Shutdown			156
BS CT2(A)	61	Reserve Shutdown	8/26/2023	20:29:00	8/28/2023	10:46:00	38.28		Reserve Shutdown			156

Tampa Electric Company
Outage Listing
August 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(B)	79	Reserve Shutdown	8/1/2023	2:22:00	8/1/2023	14:10:00	11.8			Reserve Shutdown		156
BS CT2(B)	80	Reserve Shutdown	8/2/2023	22:37:00	8/3/2023	15:10:00	16.55			Reserve Shutdown		156
BS CT2(B)	81	Reserve Shutdown	8/6/2023	1:22:00	8/6/2023	13:17:00	11.92			Reserve Shutdown		156
BS CT2(B)	82	Reserve Shutdown	8/8/2023	1:39:00	8/8/2023	12:34:00	10.92			Reserve Shutdown		156
BS CT2(B)	83	Reserve Shutdown	8/9/2023	23:19:00	8/10/2023	9:43:00	10.4			Reserve Shutdown		156
BS CT2(B)	84	Reserve Shutdown	8/13/2023	0:32:00	8/13/2023	11:51:00	11.32			Reserve Shutdown		156
BS CT2(B)	85	Reserve Shutdown	8/16/2023	0:18:00	8/16/2023	10:57:00	10.65			Reserve Shutdown		156
BS CT2(B)	86	Reserve Shutdown	8/16/2023	22:22:00	8/17/2023	12:56:00	14.57			Reserve Shutdown		156
BS CT2(B)	87	Reserve Shutdown	8/19/2023	23:34:00	8/21/2023	12:07:00	36.55			Reserve Shutdown		156
BS CT2(B)	88	Reserve Shutdown	8/22/2023	23:42:00	8/23/2023	13:24:00	13.7			Reserve Shutdown		156
BS CT2(B)	89	Reserve Shutdown	8/26/2023	2:15:00	8/27/2023	11:00:00	32.75			Reserve Shutdown		156
BS CT2(B)	90	Reserve Shutdown	8/29/2023	1:08:00	8/30/2023	8:51:00	31.72			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)	70	Reserve Shutdown	8/1/2023	0:00:00	8/1/2023	10:08:00	10.13			Reserve Shutdown		156
BS CT2(C)	71	Reserve Shutdown	8/1/2023	21:45:00	8/2/2023	11:38:00	13.88			Reserve Shutdown		156
BS CT2(C)	72	Reserve Shutdown	8/2/2023	21:20:00	8/3/2023	12:02:00	14.7			Reserve Shutdown		156
BS CT2(C)	73	Reserve Shutdown	8/3/2023	23:50:00	8/4/2023	12:40:00	12.83			Reserve Shutdown		156
BS CT2(C)	74	Reserve Shutdown	8/4/2023	22:53:00	8/5/2023	15:57:00	17.07			Reserve Shutdown		156
BS CT2(C)	75	Reserve Shutdown	8/5/2023	22:24:00	8/7/2023	9:36:00	35.2			Reserve Shutdown		156
BS CT2(C)	76	Reserve Shutdown	8/10/2023	21:24:00	8/11/2023	12:32:00	15.13			Reserve Shutdown		156
BS CT2(C)	77	Reserve Shutdown	8/12/2023	1:18:00	8/12/2023	9:44:00	8.43			Reserve Shutdown		156
BS CT2(C)	78	Reserve Shutdown	8/13/2023	23:44:00	8/14/2023	10:08:00	10.4			Reserve Shutdown		156
BS CT2(C)	79	Reserve Shutdown	8/16/2023	1:19:00	8/16/2023	14:27:00	13.13			Reserve Shutdown		156
BS CT2(C)	80	Reserve Shutdown	8/17/2023	15:06:00	8/19/2023	12:18:00	45.2			Reserve Shutdown		156
BS CT2(C)	81	Reserve Shutdown	8/20/2023	20:11:00	8/21/2023	19:04:00	22.88			Reserve Shutdown		156
BS CT2(C)	82	Reserve Shutdown	8/25/2023	6:46:00	8/25/2023	13:26:00	6.67			Reserve Shutdown		156
BS CT2(C)	83	Reserve Shutdown	8/28/2023	22:43:00	8/29/2023	9:52:00	11.15			Reserve Shutdown		156
BS CT2(C)	84	Reserve Shutdown	8/30/2023	0:13:00	8/31/2023	11:18:00	35.08			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)	82	Reserve Shutdown	8/5/2023	3:14:00	8/5/2023	12:00:00	8.77			Reserve Shutdown		156
BS CT2(D)	83	Reserve Shutdown	8/8/2023	1:23:00	8/8/2023	9:42:00	8.32			Reserve Shutdown		156
BS CT2(D)	84	Reserve Shutdown	8/9/2023	0:22:00	8/9/2023	12:02:00	11.67			Reserve Shutdown		156
BS CT2(D)	85	Reserve Shutdown	8/11/2023	0:26:00	8/11/2023	15:00:00	14.57			Reserve Shutdown		156
BS CT2(D)	86	Reserve Shutdown	8/15/2023	1:31:00	8/15/2023	15:26:00	13.92			Reserve Shutdown		156
BS CT2(D)	87	Reserve Shutdown	8/16/2023	18:41:00	8/17/2023	0:01:00	5.33			Reserve Shutdown		156
BS CT2(D)	88	Maintenance Outage	8/17/2023	0:01:00	8/18/2023	22:56:00	46.92			2D CT BFP pump swap upgrade in preparation for AGP CT upgrades.		156
BS CT2(D)	89	Reserve Shutdown	8/18/2023	22:56:00	8/19/2023	15:12:00	16.27					156
BS CT2(D)	90	Reserve Shutdown	8/21/2023	22:21:00	8/22/2023	13:47:00	15.43			Reserve Shutdown		156
BS CT2(D)	91	Reserve Shutdown	8/23/2023	19:58:00	8/24/2023	11:07:00	15.15			Reserve Shutdown		156
BS CT2(D)	92	Reserve Shutdown	8/27/2023	22:17:00	8/28/2023	11:53:00	13.6			Reserve Shutdown		156
BS CT2(D)	93	Reserve Shutdown	8/29/2023	17:23:00	8/31/2023	11:41:00	42.3			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 ST 2	8	Maintenance Derating	8/17/2023	0:01:00	8/18/2023	22:56:00	46.92	3999	Other miscellaneous balance of plant problems	ST2 derated due to 2D BFP pump swap.	228	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	18	Maintenance Outage	8/1/2023	0:00:00	8/9/2023	11:05:00	203.08	1080	Economizer	Boiler furnace waterwall tube leak repairs. No equipment cause code available for t		422
Big Bend 4	19	Unplanned (Forced) Derating - Immediate	8/13/2023	23:00:00	8/22/2023	18:30:00	211.5	0310	Pulverizer mills	C Bowl Mill cold air gate stuck D Bowl Mill cold air damper inoperable Boiler circul	267	422
Big Bend 4	20	Unplanned (Forced) Derating - Immediate	8/24/2023	5:00:00	8/24/2023	14:20:00	9.33	8265	Scrubber D fan dampers	C & D Booster fan dampers are sticking.	357	422
Big Bend 4	21	Unplanned (Forced) Derating - Immediate	8/24/2023	14:20:00	8/31/2023	23:59:00	177.67	1400	Forced draft fans	B Forced draft fan tripped due to loss of D booster fan (high vibration trip.) Forced	242	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 2	45	Reserve Shutdown	8/20/2023	10:34:00	8/20/2023	11:49:00	1.25			Reserve Shutdown		150
Polk 2	46	Reserve Shutdown	8/22/2023	22:58:00	8/23/2023	11:14:00	12.27			Reserve Shutdown		150
Polk 2	47	Reserve Shutdown	8/23/2023	12:29:00	8/23/2023	13:32:00	1.05			Reserve Shutdown		150
Polk 2	48	Reserve Shutdown	8/24/2023	22:14:00	8/25/2023	11:56:00	13.7			Reserve Shutdown		150
Polk 2	49	Reserve Shutdown	8/25/2023	12:38:00	8/25/2023	13:38:00	1			Reserve Shutdown		150
Polk 2	50	Reserve Shutdown	8/27/2023	2:18:00	8/27/2023	10:54:00	8.6			Reserve Shutdown		150
Polk 2	51	Planned Outage	8/31/2023	21:48:00	8/31/2023	23:59:00	2.2	5048	Gas fuel system including	Planned outage to address, among other things, electrical contractors to be replac		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	32	Unplanned (Forced) Derating - Immediate	8/2/2023	10:37:00	8/2/2023	11:43:00	1.1	3999	Other miscellaneous balance of plant problems	During CT3 startup, IP drum intermittent blowdown valve was operating just as steam he	341.75	461
Polk 2 ST	33	Unplanned (Forced) Derating - Immediate	8/17/2023	17:58:00	8/18/2023	10:04:00	16.1	3999	Other miscellaneous balance of plant problems	Overcurrent protection relay activated, tripping Polk 3's B3005 breaker. The breaker f	341.75	461
Polk 2 ST	34	Unplanned (Forced) Derating - Immediate	8/23/2023	12:28:00	8/23/2023	13:31:00	1.05	3999	Other miscellaneous balance of plant problems	During CT2 startup in combined cycle, difficulty controlling enthalpy dumping to ST2 c	341.75	461
Polk 2 ST	35	Unplanned (Forced) Derating - Immediate	8/25/2023	12:37:00	8/25/2023	13:38:00	1.02	3839	Other auxiliary steam problems (also see extrac	Due to difficulty controlling hot reheat to condenser steam enthalpy, the damper flopp	341.75	461
Polk 2 ST	36	Unplanned (Forced) Derating - Immediate	8/31/2023	9:51:00	8/31/2023	22:46:00	12.92	3999	Other miscellaneous balance of plant problems	CTS LCI failed to energize during startup. Fuse for 89ND (neutral ground disconnect) c	341.75	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	61	Reserve Shutdown	8/2/2023	8:26:00	8/2/2023	10:11:00	1.75		Reserve Shutdown			150
Polk 3	62	Reserve Shutdown	8/2/2023	10:37:00	8/2/2023	11:44:00	1.12		Reserve Shutdown			150
Polk 3	63	Unplanned (Forced) C	8/17/2023	17:58:00	8/18/2023	10:04:00	16.1	4609	Other exciter problems	Overcurrent protection relay activated, tripping Polk 3's B3005 breaker. The breaker f		150
Polk 3	64	Reserve Shutdown	8/18/2023	10:04:00	8/18/2023	10:35:00	0.52		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	45	Reserve Shutdown	8/1/2023	0:00:00	8/1/2023	6:39:00	6.65		Reserve Shutdown			150
Polk 4	46	Reserve Shutdown	8/6/2023	0:14:00	8/6/2023	10:18:00	10.07		Reserve Shutdown			150
Polk 4	47	Reserve Shutdown	8/10/2023	0:46:00	8/10/2023	11:10:00	10.4		Reserve Shutdown			150
Polk 4	48	Reserve Shutdown	8/16/2023	23:49:00	8/17/2023	11:22:00	11.55		Reserve Shutdown			150
Polk 4	49	Reserve Shutdown	8/20/2023	22:20:00	8/21/2023	11:25:00	13.08		Reserve Shutdown			150
Polk 4	50	Reserve Shutdown	8/23/2023	23:57:00	8/24/2023	10:15:00	10.3		Reserve Shutdown			150
Polk 4	51	Reserve Shutdown	8/27/2023	0:41:00	8/27/2023	7:53:00	7.2		Reserve Shutdown			150
Polk 4	52	Reserve Shutdown	8/29/2023	0:07:00	8/29/2023	9:55:00	9.8		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	54	Reserve Shutdown	8/1/2023	0:27:00	8/1/2023	11:06:00	10.65			Reserve Shutdown		150
Polk 5	55	Reserve Shutdown	8/3/2023	0:34:00	8/3/2023	11:12:00	10.63			Reserve Shutdown		150
Polk 5	56	Reserve Shutdown	8/18/2023	23:13:00	8/19/2023	14:22:00	15.15			Reserve Shutdown		150
Polk 5	57	Reserve Shutdown	8/21/2023	23:31:00	8/22/2023	10:39:00	11.13			Reserve Shutdown		150
Polk 5	58	Reserve Shutdown	8/25/2023	23:48:00	8/26/2023	10:55:00	11.12			Reserve Shutdown		150
Polk 5	59	Reserve Shutdown	8/27/2023	23:04:00	8/28/2023	6:58:00	7.9			Reserve Shutdown		150
Polk 5	60	Reserve Shutdown	8/30/2023	22:09:00	8/31/2023	9:51:00	11.7			Reserve Shutdown		150
Polk 5	61	Startup Failure	8/31/2023	9:51:00	8/31/2023	22:46:00	12.92	4700	Generator voltage control	LCI failed to energize during startup. Fuse for 89ND (neutral ground disconnect) contr		150
Polk 5	62	Reserve Shutdown	8/31/2023	22:46:00	8/31/2023	23:59:00	1.23					150