



March 25, 2024

**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. 20240001-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 February 2024.

In addition, attached are Tampa Electric Company's revised GPIF Actual Unit Performance Data Schedules for the month of January 2024.

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 March 2024 to the following:

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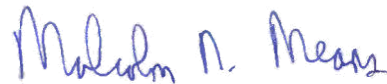
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ATTORNEY

ORIGINAL SHEET NO. 8.401.19A  
TAMPA ELECTRIC COMPANY

ACTUAL UNIT PERFORMANCE DATA

JANUARY 2024 - DECEMBER 2024

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-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	2024
1. Equivalent Availability Factor (%)	EAF	94.7	99.3											96.9
2. Period Hours	PH	744.0	696.0											1,440.0
3. Service Hours	SH	574.9	394.6											969.5
4. Reserve Shutdown Hours	RSH	129.6	296.8											426.4
5. Unavailable Hours	UH	39.5	4.6											44.1
6. Planned Outage Hours	POH	0.0	0.0											0.0
7. Forced Outage Hours	FOH	0.7	0.1											0.8
8. Maintenance Outage Hours	MOH	38.9	4.6											43.5
9a. Partial Planned Outage Hours	PPOH	0.0	0.0											0.0
9b. Load Reduction Partial Planned (MW)	LRPP	0.0	0.0											0.0
10a. Partial Forced Outage Hours	PFOH	0.0	0.0											0.0
10b. Load Reduction Partial Forced (MW)	LRPF	0.0	0.0											0.0
11a. Partial Maintenance Outage Hours	PMOH	0.0	0.0											0.0
11b. Load Reduction Partial Maintenance (MW)	LRPM	0.0	0.0											0.0
12. Net Summer Continuous Rating (MW)	NSC	749.0	749.0											749.0
13. Operating British Thermal Units (GBTU)	OPR BTU	1,104.2	996.0											2,100.3
14. Net Generation (MWH)	NETGEN	145,773.5	132,105.1											277,878.6
15. Avg. Net Operating Heat Rate (BTU/KWH)	ANOHR	7,575.0	7,540.0											7,558.2
16. Net Output Factor (%)	NOF	29.9	39.5											33.8
17. Net Period Continuous Rating (MW)	NPC	847.0	847.0											847.0
18. Avg. Net Operating Heat Rate Equation		ANOHR = NOF ( -7.989) + 7,921												

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 2024 - DECEMBER 2024

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-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	2024
1. Equivalent Availability Factor (%)	EAF	96.4	58.6											78.1
2. Period Hours	PH	744.0	696.0											1,440.0
3. Service Hours	SH	271.6	333.9											605.5
4. Reserve Shutdown Hours	RSH	445.7	73.9											519.6
5. Unavailable Hours	UH	26.7	288.2											314.9
6. Planned Outage Hours	POH	26.7	288.2											314.9
7. Forced Outage Hours	FOH	0.0	0.0											0.0
8. Maintenance Outage Hours	MOH	0.0	0.0											0.0
9a. Partial Planned Outage Hours	PPOH	0.0	0.0											0.0
9b. Load Reduction Partial Planned (MW)	LRPP	0.0	0.0											0.0
10a. Partial Forced Outage Hours	PFOH	0.0	0.0											0.0
10b. Load Reduction Partial Forced (MW)	LRPF	0.0	0.0											0.0
11a. Partial Maintenance Outage Hours	PMOH	0.0	0.0											0.0
11b. Load Reduction Partial Maintenance (MW)	LRPM	0.0	0.0											0.0
12. Net Summer Continuous Rating (MW)	NSC	929.0	929.0											929.0
13. Operating British Thermal Units (GBTU)	OPR BTU	625.2	792.5											1,417.7
14. Net Generation (MWH)	NETGEN	79,318.7	104,465.8											183,784.5
15. Avg. Net Operating Heat Rate (BTU/KWH)	ANOHR	7,882.0	7,586.0											7,713.9
16. Net Output Factor (%)	NOF	27.9	29.9											29.0
17. Net Period Continuous Rating (MW)	NPC	1,047.0	1,047.0											1,047.0
18. Avg. Net Operating Heat Rate Equation		ANOHR = NOF ( -10.936 ) + 8,068												

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 2024 - DECEMBER 2024

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 1 CC		Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	2024
1. Equivalent Availability Factor (%)	EAF	100.0	100.0											100.0
2. Period Hours	PH	744.0	696.0											1,440.0
3. Service Hours	SH	744.0	696.0											1,440.0
4. Reserve Shutdown Hours	RSH	0.0	0.0											0.0
5. Unavailable Hours	UH	0.0	0.0											0.0
6. Planned Outage Hours	POH	0.0	0.0											0.0
7. Forced Outage Hours	FOH	0.0	0.0											0.0
8. Maintenance Outage Hours	MOH	0.0	0.0											0.0
9a. Partial Planned Outage Hours	PPOH	0.0	0.0											0.0
9b. Load Reduction Partial Planned (MW)	LRPP	0.0	0.0											0.0
10a. Partial Forced Outage Hours	PFOH	0.0	0.0											0.0
10b. Load Reduction Partial Forced (MW)	LRPF	0.0	0.0											0.0
11a. Partial Maintenance Outage Hours	PMOH	0.0	0.0											0.0
11b. Load Reduction Partial Maintenance (MW)	LRPM	0.0	0.0											0.0
12. Net Summer Continuous Rating (MW)	NSC	1,055.0	1,055.0											1,055.0
13. Operating British Thermal Units (GBTU)	OPR BTU	4,305.0	3,820.9											8,125.8
14. Net Generation (MWH)	NETGEN	677,600.0	595,266.0											1,272,866.0
15. Avg. Net Operating Heat Rate (BTU/KWH)	ANOHR	6,353.0	6,419.0											6,383.9
16. Net Output Factor (%)	NOF	81.4	76.4											79.0
17. Net Period Continuous Rating (MW)	NPC	1,119.0	1,119.0											1,119.0
18. Avg. Net Operating Heat Rate Equation		ANOHR = NOF ( -2.640) + 6,715												

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ACTUAL UNIT PERFORMANCE DATA

JANUARY 2024 - DECEMBER 2024

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-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	2024
1. Equivalent Availability Factor (%)	EAF	97.3	98.2											97.8
2. Period Hours	PH	744.0	696.0											1,440.0
3. Service Hours	SH	744.0	671.4											1,415.4
4. Reserve Shutdown Hours	RSH	0.0	21.0											21.0
5. Unavailable Hours	UH	10.7	3.6											14.3
6. Planned Outage Hours	POH	0.0	0.2											0.2
7. Forced Outage Hours	FOH	0.4	0.0											0.4
8. Maintenance Outage Hours	MOH	10.3	3.4											13.7
9a. Partial Planned Outage Hours	PPOH	0.0	0.0											0.0
9b. Load Reduction Partial Planned (MW)	LRPP	0.0	0.0											0.0
10a. Partial Forced Outage Hours	PFOH	81.1	62.8											143.9
10b. Load Reduction Partial Forced (MW)	LRPF	32.8	120.0											70.9
11a. Partial Maintenance Outage Hours	PMOH	68.7	23.7											92.4
11b. Load Reduction Partial Maintenance (MW)	LRPM	120.0	120.0											120.0
12. Net Summer Continuous Rating (MW)	NSC	1,061.0	1,061.0											1,061.0
13. Operating British Thermal Units (GBTU)	OPR BTU	3,277.9	2,608.7											5,886.6
14. Net Generation (MWH)	NETGEN	466,423.0	364,118.0											830,541.0
15. Avg. Net Operating Heat Rate (BTU/KWH)	ANOHR	7,028.0	7,164.0											7,087.7
16. Net Output Factor (%)	NOF	52.2	45.2											48.9
17. Net Period Continuous Rating (MW)	NPC	1,200.0	1,200.0											1,200.0
18. Avg. Net Operating Heat Rate Equation		ANOHR = NOF ( -16.071 ) + 8,234												

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  
February 2024**

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)	19	Maintenance Out	2/1/2024	0:00:00	2/1/2024	6:49:00	6.82	5081	High pressure bearings Unit 1A T3 bearing replacement		196	196
BS CT1(A)	20	Reserve Shutdown	2/1/2024	6:49:00	2/15/2024	15:45:00	344.93		Reserve Shutdown		196	196
BS CT1(A)	21	Reserve Shutdown	2/16/2024	21:03:00	2/17/2024	15:35:00	18.53		Reserve Shutdown		196	196
BS CT1(A)	22	Reserve Shutdown	2/19/2024	0:23:00	2/20/2024	5:25:00	29.03		Reserve Shutdown		196	196
BS CT1(A)	23	Reserve Shutdown	2/21/2024	7:45:00	2/21/2024	17:34:00	9.82		Reserve Shutdown		196	196
BS CT1(A)	24	Reserve Shutdown	2/22/2024	7:52:00	2/23/2024	5:13:00	21.35		Reserve Shutdown		196	196
BS CT1(A)	25	Maintenance Out	2/23/2024	5:13:00	2/23/2024	18:07:00	12.9	0800	Drums and drum interr Unit 1A maintenance outage to replace elbow that had a steam leak		196	196
BS CT1(A)	26	Reserve Shutdown	2/23/2024	18:07:00	2/24/2024	17:01:00	22.9		Reserve Shutdown		196	196
BS CT1(A)	27	Unplanned (Force	2/24/2024	17:44:00	2/24/2024	18:06:00	0.37	0800	Drums and drum interr Unit 1A tripped on high steam temperature		196	196
BS CT1(A)	28	Reserve Shutdown	2/26/2024	8:09:00	2/26/2024	17:58:00	9.82		Reserve Shutdown		196	196
BS CT1(A)	29	Reserve Shutdown	2/27/2024	23:06:00	2/28/2024	14:42:00	15.6		Reserve Shutdown		196	196



**Tampa Electric Company**  
**Outage Listing**  
**February 2024**

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)	8	Reserve Shutdown	2/1/2024	0:00:00	2/14/2024	16:47:00	328.78			Reserve Shutdown		196
BS CT1(B)	9	Reserve Shutdown	2/15/2024	20:44:00	2/16/2024	16:39:00	19.92			Reserve Shutdown		196
BS CT1(B)	10	Reserve Shutdown	2/17/2024	22:15:00	2/19/2024	5:54:00	31.65			Reserve Shutdown		196
BS CT1(B)	11	Reserve Shutdown	2/20/2024	8:05:00	2/21/2024	5:15:00	21.17			Reserve Shutdown		196
BS CT1(B)	12	Reserve Shutdown	2/21/2024	8:36:00	2/22/2024	4:50:00	20.23			Reserve Shutdown		196
BS CT1(B)	13	Reserve Shutdown	2/22/2024	9:14:00	2/22/2024	16:09:00	6.92			Reserve Shutdown		196
BS CT1(B)	14	Reserve Shutdown	2/23/2024	8:20:00	2/23/2024	15:51:00	7.52			Reserve Shutdown		196
BS CT1(B)	15	Reserve Shutdown	2/24/2024	22:52:00	2/25/2024	16:58:00	18.1			Reserve Shutdown		196
BS CT1(B)	16	Reserve Shutdown	2/27/2024	10:51:00	2/27/2024	17:38:00	6.78			Reserve Shutdown		196
BS CT1(B)	17	Reserve Shutdown	2/29/2024	3:02:00	2/29/2024	14:45:00	11.72			Reserve Shutdown		196
BS CT1(B)	18	Reserve Shutdown	2/29/2024	23:56:00	2/29/2024	23:59:00	0.07			Reserve Shutdown		196

Tampa Electric Company  
 Outage Listing  
 February 2024

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)	30	Reserve Shutdown	2/1/2024	0:00:00	2/13/2024	6:09:00	294.15			Reserve Shutdown		196
BS CT1(C)	31	Reserve Shutdown	2/15/2024	9:33:00	2/15/2024	16:46:00	7.22			Reserve Shutdown		196
BS CT1(C)	32	Reserve Shutdown	2/15/2024	23:06:00	2/16/2024	15:42:00	16.6			Reserve Shutdown		196
BS CT1(C)	33	Reserve Shutdown	2/16/2024	23:15:00	2/18/2024	11:20:00	36.08			Reserve Shutdown		196
BS CT1(C)	34	Reserve Shutdown	2/20/2024	10:22:00	2/21/2024	4:23:00	18.02			Reserve Shutdown		196
BS CT1(C)	35	Reserve Shutdown	2/22/2024	23:27:00	2/23/2024	6:11:00	6.73			Reserve Shutdown		196
BS CT1(C)	36	Reserve Shutdown	2/23/2024	22:30:00	2/24/2024	17:40:00	19.17			Reserve Shutdown		196
BS CT1(C)	37	Reserve Shutdown	2/26/2024	21:19:00	2/27/2024	15:49:00	18.5			Reserve Shutdown		196
BS CT1(C)	38	Reserve Shutdown	2/28/2024	7:32:00	2/28/2024	15:37:00	8.08			Reserve Shutdown		196

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Tampa Electric Company  
Outage Listing  
February 2024

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	1	Reserve Shutdown	2/1/2024	0:00:00	2/13/2024	13:24:00	301.4			Reserve Shutdown		259



Tampa Electric Company  
 Outage Listing  
 February 2024

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)	14	Reserve Shutdown	2/1/2024	7:52:00	2/1/2024	16:25:00	8.55			Reserve Shutdown		183
BS CT2(A)	15	Reserve Shutdown	2/2/2024	11:26:00	2/3/2024	17:04:00	29.63			Reserve Shutdown		183
BS CT2(A)	16	Reserve Shutdown	2/7/2024	10:22:00	2/9/2024	16:54:00	54.53			Reserve Shutdown		183
BS CT2(A)	17	Reserve Shutdown	2/10/2024	21:58:00	2/11/2024	12:17:00	14.32			Reserve Shutdown		183
BS CT2(A)	18	Reserve Shutdown	2/12/2024	21:04:00	2/15/2024	4:30:00	55.43			Reserve Shutdown		183
BS CT2(A)	19	Planned Outage	2/15/2024	4:30:00	2/29/2024	23:59:00	355.5	5250	Other controls and inst	Unit 2 AGC Upgrades		183

**Tampa Electric Company  
Outage Listing  
February 2024**

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)	12	Planned Outage	2/1/2024	0:00:00	2/2/2024	10:20:00	34.33	5274	General unit inspector Unit 2B planned outage to prepare for performance testing	Note: Water wash	183	183
BS CT2(B)	13	Reserve Shutdown	2/2/2024	22:49:00	2/6/2024	3:41:00	76.87		Reserve Shutdown		183	183
BS CT2(B)	14	Reserve Shutdown	2/6/2024	9:13:00	2/6/2024	17:37:00	8.4		Reserve Shutdown		183	183
BS CT2(B)	15	Reserve Shutdown	2/7/2024	9:29:00	2/7/2024	17:25:00	7.93		Reserve Shutdown		183	183
BS CT2(B)	16	Reserve Shutdown	2/9/2024	8:58:00	2/11/2024	14:33:00	53.58		Reserve Shutdown		183	183
BS CT2(B)	17	Reserve Shutdown	2/11/2024	21:54:00	2/12/2024	5:42:00	7.8		Reserve Shutdown		183	183
BS CT2(B)	18	Reserve Shutdown	2/12/2024	22:10:00	2/15/2024	4:30:00	54.33		Reserve Shutdown		183	183
BS CT2(B)	19	Planned Outage	2/15/2024	4:30:00	2/29/2024	23:59:00	355.5	5250	Other controls and inst Unit 2 AGC Upgrades		183	183

**Tampa Electric Company**  
**Outage Listing**  
**February 2024**

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)	14	Reserve Shutdown	2/1/2024	8:27:00	2/5/2024	6:37:00	94.17		Reserve Shutdown			183
BS CT2(C)	15	Planned Outage	2/5/2024	6:37:00	2/8/2024	16:46:00	82.15	5274	General unit inspection	Unit 2C planned outage to prepare for performance testingNote: Water washing/cleanin		183
BS CT2(C)	16	Reserve Shutdown	2/8/2024	16:46:00	2/8/2024	20:49:00	4.05		Reserve Shutdown			183
BS CT2(C)	17	Reserve Shutdown	2/9/2024	22:04:00	2/10/2024	15:24:00	17.33		Reserve Shutdown			183
BS CT2(C)	18	Reserve Shutdown	2/12/2024	1:31:00	2/12/2024	9:13:00	7.7		Reserve Shutdown			183
BS CT2(C)	19	Reserve Shutdown	2/13/2024	21:46:00	2/15/2024	4:30:00	30.73		Reserve Shutdown			183
BS CT2(C)	20	Planned Outage	2/15/2024	4:30:00	2/29/2024	23:59:00	355.5	5250	Other controls and instrumen	Unit 2 AGC Upgrades		183

**Tampa Electric Company  
Outage Listing  
February 2024**

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)	16	Reserve Shutdown	2/2/2024	8:51:00	2/2/2024	16:54:00	8.05		Reserve Shutdown			183
BS CT2(D)	17	Reserve Shutdown	2/3/2024	21:03:00	2/5/2024	17:47:00	44.73		Reserve Shutdown			183
BS CT2(D)	18	Reserve Shutdown	2/8/2024	8:48:00	2/8/2024	17:12:00	8.4		Reserve Shutdown			183
BS CT2(D)	19	Reserve Shutdown	2/8/2024	22:30:00	2/9/2024	0:08:00	1.63		Reserve Shutdown			183
BS CT2(D)	20	Planned Outage	2/9/2024	0:08:00	2/13/2024	14:27:00	110.32	5274	General unit inspector Unit 2D planned outage to prepare for performance testing	Note: Water wash		183
BS CT2(D)	21	Reserve Shutdown	2/13/2024	14:27:00	2/13/2024	17:43:00	3.27		Reserve Shutdown			183
BS CT2(D)	22	Reserve Shutdown	2/14/2024	21:51:00	2/15/2024	4:30:00	6.65		Reserve Shutdown			183
BS CT2(D)	23	Planned Outage	2/15/2024	4:30:00	2/29/2024	23:59:00	355.5	5250	Other controls and inst Unit 2 AGC Upgrades			183

Tampa Electric Company  
Outage Listing  
February 2024

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	3	Reserve Shutdown	2/14/2024	21:55:00	2/29/2024	23:59:00	362.08			Reserve Shutdown		315



Tampa Electric Company  
Outage Listing  
February 2024

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  
February 2024

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  
February 2024

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  
February 2024**

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	38	Reserve Shutdown	2/1/2024	0:00:00	2/6/2024	6:30:00	126.5			Reserve Shutdown	180	180
Polk 2	39	Reserve Shutdown	2/6/2024	8:10:00	2/7/2024	17:48:00	33.63				180	180
Polk 2	40	Reserve Shutdown	2/7/2024	22:28:00	2/12/2024	10:27:00	107.98			Reserve Shutdown	180	180
Polk 2	41	Reserve Shutdown	2/13/2024	9:36:00	2/15/2024	5:37:00	44.02			Reserve Shutdown	180	180
Polk 2	42	Reserve Shutdown	2/18/2024	23:50:00	2/19/2024	17:03:00	17.22			Reserve Shutdown	180	180
Polk 2	43	Reserve Shutdown	2/21/2024	8:06:00	2/23/2024	14:46:00	54.67			Reserve Shutdown	180	180
Polk 2	44	Reserve Shutdown	2/24/2024	7:33:00	2/28/2024	8:00:00	96.45				180	180
Polk 2	45	Maintenance Out:	2/28/2024	8:00:00	2/29/2024	4:00:00	20	0775	Economizer piping	Standing water in the bottom of the LP economizer section of the HRSG caus	180	180
Polk 2	22	Reserve Shutdown	2/29/2024	4:00:00	2/29/2024	23:59:00	20				180	180

**Tampa Electric Company**  
**Outage Listing**  
**February 2024**

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	16	Reserve Shutdown	2/6/2024	1:31:00	2/7/2024	2:05:00	24.57			Reserve Shutdown		480
Polk 2 ST	17	Maintenance Derating	2/13/2024	11:14:00	2/13/2024	13:45:00	2.52	3999	Other miscellaneous balance of plant problem CT3 maintenance outage.		360	480
Polk 2 ST	18	Unplanned (Forced) Derating - immedia	2/15/2024	8:00:00	2/17/2024	22:50:00	62.83	3999	Other miscellaneous balance of plant problem HRSG4 main steam to cold reheat bypass valve did not open when commanded to do :		360	480
Polk 2 ST	19	Maintenance Derating	2/28/2024	8:00:00	2/29/2024	4:00:00	20	3999	Other miscellaneous balance of plant problem CT2 maintenance outage.		360	480
Polk 2 ST	10	Maintenance Derating	2/29/2024	22:48:00	2/29/2024	23:59:00	1.2	3999	Other miscellaneous balance of plant problem CT5 planned outage.		360	480

**Tampa Electric Company  
Outage Listing  
February 2024**

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	6	Reserve Shutdown	2/2/2024	9:37:00	2/2/2024	16:11:00	6.57			Reserve Shutdown	180	180
Polk 3	7	Reserve Shutdown	2/4/2024	0:59:00	2/4/2024	9:45:00	8.77			Reserve Shutdown	180	180
Polk 3	8	Reserve Shutdown	2/6/2024	3:52:00	2/6/2024	23:11:00	19.32			Reserve Shutdown	180	180
Polk 3	9	Reserve Shutdown	2/13/2024	0:22:00	2/13/2024	11:14:00	10.87			Reserve Shutdown	180	180
Polk 3	10	Maintenance Outage	2/13/2024	11:14:00	2/13/2024	13:45:00	2.52	4810	Generator output breaker	The unit generator breaker hydraulic pump maintains hydraulic pressure in the generat	180	180
Polk 3	11	Reserve Shutdown	2/13/2024	13:45:00	2/13/2024	17:29:00	3.73				180	180
Polk 3	12	Reserve Shutdown	2/15/2024	10:48:00	2/15/2024	19:54:00	9.1			Reserve Shutdown	180	180
Polk 3	13	Reserve Shutdown	2/23/2024	9:44:00	2/25/2024	16:40:00	54.93			Reserve Shutdown	180	180

**Tampa Electric Company  
Outage Listing  
February 2024**

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	10	Reserve Shutdown	2/1/2024	8:53:00	2/1/2024	16:07:00	7.23			Reserve Shutdown		180
Polk 4	11	Reserve Shutdown	2/2/2024	10:04:00	2/3/2024	16:35:00	30.52			Reserve Shutdown		180
Polk 4	12	Reserve Shutdown	2/5/2024	22:47:00	2/6/2024	5:53:00	7.1			Reserve Shutdown		180
Polk 4	13	Reserve Shutdown	2/6/2024	8:33:00	2/7/2024	17:17:00	32.73			Reserve Shutdown		180
Polk 4	14	Reserve Shutdown	2/10/2024	1:14:00	2/10/2024	14:55:00	13.68			Reserve Shutdown		180
Polk 4	15	Reserve Shutdown	2/11/2024	23:00:00	2/12/2024	16:06:00	17.1			Reserve Shutdown		180
Polk 4	16	Reserve Shutdown	2/14/2024	8:52:00	2/14/2024	18:09:00	9.28			Reserve Shutdown		180
Polk 4	17	Reserve Shutdown	2/15/2024	0:18:00	2/15/2024	17:00:00	16.7			Reserve Shutdown		180
Polk 4	18	Reserve Shutdown	2/16/2024	0:24:00	2/18/2024	9:54:00	57.5			Reserve Shutdown		180
Polk 4	19	Reserve Shutdown	2/20/2024	8:38:00	2/20/2024	16:30:00	7.87			Reserve Shutdown		180
Polk 4	20	Reserve Shutdown	2/22/2024	8:42:00	2/22/2024	15:31:00	6.82			Reserve Shutdown		180
Polk 4	21	Reserve Shutdown	2/26/2024	23:46:00	2/27/2024	14:37:00	14.85			Reserve Shutdown		180
Polk 4	22	Reserve Shutdown	2/28/2024	23:14:00	2/29/2024	12:53:00	13.65			Reserve Shutdown		180

**Tampa Electric Company  
Outage Listing  
February 2024**

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	68	Reserve Shutdown	2/1/2024	0:00:00	2/1/2024	5:20:00	5.33			Reserve Shutdown	180	180
Polk 5	69	Reserve Shutdown	2/1/2024	9:29:00	2/2/2024	5:40:00	20.18			Reserve Shutdown	180	180
Polk 5	70	Reserve Shutdown	2/3/2024	9:42:00	2/4/2024	5:02:00	19.33			Reserve Shutdown	180	180
Polk 5	71	Reserve Shutdown	2/4/2024	21:47:00	2/5/2024	6:37:00	8.83			Reserve Shutdown	180	180
Polk 5	72	Reserve Shutdown	2/6/2024	0:13:00	2/7/2024	0:36:00	24.38			Reserve Shutdown	180	180
Polk 5	73	Reserve Shutdown	2/7/2024	11:30:00	2/8/2024	15:55:00	28.42			Reserve Shutdown	180	180
Polk 5	74	Reserve Shutdown	2/8/2024	21:36:00	2/9/2024	16:38:00	19.03			Reserve Shutdown	180	180
Polk 5	75	Reserve Shutdown	2/10/2024	23:50:00	2/11/2024	12:05:00	12.25			Reserve Shutdown	180	180
Polk 5	76	Reserve Shutdown	2/14/2024	8:34:00	2/14/2024	15:50:00	7.27			Reserve Shutdown	180	180
Polk 5	77	Reserve Shutdown	2/15/2024	22:08:00	2/16/2024	10:29:00	12.35			Reserve Shutdown	180	180
Polk 5	78	Reserve Shutdown	2/19/2024	9:58:00	2/20/2024	5:37:00	19.65			Reserve Shutdown	180	180
Polk 5	79	Reserve Shutdown	2/21/2024	8:55:00	2/21/2024	16:07:00	7.2			Reserve Shutdown	180	180
Polk 5	80	Reserve Shutdown	2/25/2024	7:56:00	2/26/2024	16:10:00	32.23			Reserve Shutdown	180	180
Polk 5	81	Reserve Shutdown	2/27/2024	21:48:00	2/28/2024	13:58:00	16.17			Reserve Shutdown	180	180
Polk 5	55	Planned Outage	2/29/2024	22:48:00	2/29/2024	23:59:00	1.2 5240		Fire detection and extinguishing sy	CTS planned outage. Critical paths are semiannual fire system inspections, and inves	180	180



ORIGINAL SHEET NO. 8.401.19A  
TAMPA ELECTRIC COMPANY

ACTUAL UNIT PERFORMANCE DATA

JANUARY 2024 - DECEMBER 2024

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-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	2024
1. Equivalent Availability Factor (%)	EAF	94.7												94.7
2. Period Hours	PH	744.0												744.0
3. Service Hours	SH	574.9												574.9
4. Reserve Shutdown Hours	RSH	129.6												129.6
5. Unavailable Hours	UH	39.5												39.5
6. Planned Outage Hours	POH	0.0												0.0
7. Forced Outage Hours	FOH	0.7												0.7
8. Maintenance Outage Hours	MOH	38.9												38.9
9a. Partial Planned Outage Hours	PPOH	0.0												0.0
9b. Load Reduction Partial Planned (MW)	LRPP	0.0												0.0
10a. Partial Forced Outage Hours	PFOH	0.0												0.0
10b. Load Reduction Partial Forced (MW)	LRPF	0.0												0.0
11a. Partial Maintenance Outage Hours	PMOH	0.0												0.0
11b. Load Reduction Partial Maintenance (MW)	LRPM	0.0												0.0
12. Net Summer Continuous Rating (MW)	NSC	749.0												749.0
13. Operating British Thermal Units (GBTU)	OPR BTU	1,104.2												1,104.2
14. Net Generation (MWH)	NETGEN	145,773.5												145,773.5
15. Avg. Net Operating Heat Rate (BTU/KWH)	ANOHR	7,575.0												7,574.9
16. Net Output Factor (%)	NOF	29.9												29.9
17. Net Period Continuous Rating (MW)	NPC	847.0												847.0
18. Avg. Net Operating Heat Rate Equation		ANOHR = NOF ( -7.989) + 7,921												

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 2024 - DECEMBER 2024

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-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	2024
1. Equivalent Availability Factor (%)	EAF	96.4												96.4
2. Period Hours	PH	744.0												744.0
3. Service Hours	SH	271.6												271.6
4. Reserve Shutdown Hours	RSH	445.7												445.7
5. Unavailable Hours	UH	26.7												26.7
6. Planned Outage Hours	POH	26.7												26.7
7. Forced Outage Hours	FOH	0.0												0.0
8. Maintenance Outage Hours	MOH	0.0												0.0
9a. Partial Planned Outage Hours	PPOH	0.0												0.0
9b. Load Reduction Partial Planned (MW)	LRPP	0.0												0.0
10a. Partial Forced Outage Hours	PFOH	0.0												0.0
10b. Load Reduction Partial Forced (MW)	LRPF	0.0												0.0
11a. Partial Maintenance Outage Hours	PMOH	0.0												0.0
11b. Load Reduction Partial Maintenance (MW)	LRPM	0.0												0.0
12. Net Summer Continuous Rating (MW)	NSC	929.0												929.0
13. Operating British Thermal Units (GBTU)	OPR BTU	625.2												625.2
14. Net Generation (MWH)	NETGEN	79,318.7												79,318.7
15. Avg. Net Operating Heat Rate (BTU/KWH)	ANOHR	7,882.0												7,881.7
16. Net Output Factor (%)	NOF	27.9												27.9
17. Net Period Continuous Rating (MW)	NPC	1,047.0												1,047.0
18. Avg. Net Operating Heat Rate Equation		ANOHR = NOF ( -10.936 ) + 8,068												

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 2024 - DECEMBER 2024

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 1 CC		Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	2024
1. Equivalent Availability Factor (%)	EAF	100.0												100.0
2. Period Hours	PH	744.0												744.0
3. Service Hours	SH	744.0												744.0
4. Reserve Shutdown Hours	RSH	0.0												0.0
5. Unavailable Hours	UH	0.0												0.0
6. Planned Outage Hours	POH	0.0												0.0
7. Forced Outage Hours	FOH	0.0												0.0
8. Maintenance Outage Hours	MOH	0.0												0.0
9a. Partial Planned Outage Hours	PPOH	0.0												0.0
9b. Load Reduction Partial Planned (MW)	LRPP	0.0												0.0
10a. Partial Forced Outage Hours	PFOH	0.0												0.0
10b. Load Reduction Partial Forced (MW)	LRPF	0.0												0.0
11a. Partial Maintenance Outage Hours	PMOH	0.0												0.0
11b. Load Reduction Partial Maintenance (MW)	LRPM	0.0												0.0
12. Net Summer Continuous Rating (MW)	NSC	1,055.0												1,055.0
13. Operating British Thermal Units (GBTU)	OPR BTU	4,305.0												4,305.0
14. Net Generation (MWH)	NETGEN	677,600.0												677,600.0
15. Avg. Net Operating Heat Rate (BTU/KWH)	ANOHR	6,353.0												6,353.3
16. Net Output Factor (%)	NOF	81.4												81.4
17. Net Period Continuous Rating (MW)	NPC	1,119.0												1,119.0
18. Avg. Net Operating Heat Rate Equation		ANOHR = NOF ( -2.640 ) + 6,715												



ORIGINAL SHEET NO. 8.401.19A  
TAMPA ELECTRIC COMPANY

ACTUAL UNIT PERFORMANCE DATA

JANUARY 2024 - DECEMBER 2024

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-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	2024
1. Equivalent Availability Factor (%)	EAF	97.3												97.3
2. Period Hours	PH	744.0												744.0
3. Service Hours	SH	744.0												744.0
4. Reserve Shutdown Hours	RSH	0.0												0.0
5. Unavailable Hours	UH	10.7												10.7
6. Planned Outage Hours	POH	0.0												0.0
7. Forced Outage Hours	FOH	0.4												0.4
8. Maintenance Outage Hours	MOH	10.3												10.3
9a. Partial Planned Outage Hours	PPOH	0.0												0.0
9b. Load Reduction Partial Planned (MW)	LRPP	0.0												0.0
10a. Partial Forced Outage Hours	PFOH	81.1												81.1
10b. Load Reduction Partial Forced (MW)	LRPF	32.8												32.8
11a. Partial Maintenance Outage Hours	PMOH	68.7												68.7
11b. Load Reduction Partial Maintenance (MW)	LRPM	120.0												120.0
12. Net Summer Continuous Rating (MW)	NSC	1,061.0												1,061.0
13. Operating British Thermal Units (GBTU)	OPR BTU	3,277.9												3,277.9
14. Net Generation (MWH)	NETGEN	466,423.0												466,423.0
15. Avg. Net Operating Heat Rate (BTU/KWH)	ANOHR	7,028.0												7,027.8
16. Net Output Factor (%)	NOF	52.2												52.2
17. Net Period Continuous Rating (MW)	NPC	1,200.0												1,200.0
18. Avg. Net Operating Heat Rate Equation		ANOHR = NOF ( -16.071) + 8,234												

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  
 January 2024

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)	11	Reserve Shutdown	1/1/2024	22:57:00	1/2/2024	16:42:00	17.75			Reserve Shutdown		196
BS CT1(A)	12	Reserve Shutdown	1/3/2024	22:05:00	1/4/2024	11:43:00	13.63			Reserve Shutdown		196
BS CT1(A)	13	Reserve Shutdown	1/5/2024	8:19:00	1/6/2024	8:24:00	24.08			Reserve Shutdown		196
BS CT1(A)	14	Reserve Shutdown	1/7/2024	11:33:00	1/7/2024	21:14:00	9.68			Reserve Shutdown		196
BS CT1(A)	15	Reserve Shutdown	1/8/2024	21:56:00	1/10/2024	17:07:00	43.18			Reserve Shutdown		196
BS CT1(A)	16	Reserve Shutdown	1/11/2024	8:32:00	1/12/2024	16:05:00	31.55			Reserve Shutdown		196
BS CT1(A)	17	Reserve Shutdown	1/17/2024	8:58:00	1/21/2024	17:45:00	104.78			Reserve Shutdown		196
BS CT1(A)	18	Reserve Shutdown	1/22/2024	10:57:00	1/25/2024	0:00:00	61.05			Reserve Shutdown		196
BS CT1(A)	19	Maintenance Outa	1/25/2024	0:00:00	1/31/2024	23:59:00	168	5081	High pressure bearings Unit 1A T3 bearing replacement			196

**Tampa Electric Company**  
**Outage Listing**  
**January 2024**

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)	1	Reserve Shutdown	1/1/2024	0:00:00	1/1/2024	15:59:00	15.98			Reserve Shutdown		196
BS CT1(B)	2	Reserve Shutdown	1/2/2024	8:55:00	1/5/2024	5:13:00	68.3			Reserve Shutdown		196
BS CT1(B)	3	Reserve Shutdown	1/6/2024	11:29:00	1/8/2024	5:37:00	42.13			Reserve Shutdown		196
BS CT1(B)	4	Reserve Shutdown	1/10/2024	23:43:00	1/11/2024	6:32:00	6.82			Reserve Shutdown		196
BS CT1(B)	5	Reserve Shutdown	1/13/2024	2:43:00	1/15/2024	7:40:00	52.95			Reserve Shutdown		196
BS CT1(B)	6	Reserve Shutdown	1/15/2024	22:12:00	1/17/2024	7:28:00	33.27			Reserve Shutdown		196
BS CT1(B)	7	Reserve Shutdown	1/20/2024	9:06:00	1/21/2024	4:30:00	19.4			Reserve Shutdown		196
BS CT1(B)	8	Reserve Shutdown	1/21/2024	23:09:00	1/31/2024	23:59:00	240.85			Reserve Shutdown		196

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 CT1(C)	17	Reserve Shutdown	1/1/2024	0:00:00	1/2/2024	5:44:00	29.73			Reserve Shutdown	196	196
BS CT1(C)	18	Reserve Shutdown	1/2/2024	22:11:00	1/3/2024	16:54:00	18.72			Reserve Shutdown	196	196
BS CT1(C)	19	Reserve Shutdown	1/4/2024	21:52:00	1/5/2024	14:37:00	16.75			Reserve Shutdown	196	196
BS CT1(C)	20	Reserve Shutdown	1/6/2024	12:05:00	1/7/2024	8:44:00	20.65			Reserve Shutdown	196	196
BS CT1(C)	21	Reserve Shutdown	1/7/2024	21:52:00	1/8/2024	7:38:00	9.77			Reserve Shutdown	196	196
BS CT1(C)	22	Unplanned (Forced) Outage - Immediate	1/8/2024	7:38:00	1/8/2024	10:30:00	2.87			1C additional vibration testing on BFP	196	196
BS CT1(C)	23	Reserve Shutdown	1/8/2024	10:30:00	1/9/2024	13:35:00	27.08				196	196
BS CT1(C)	24	Reserve Shutdown	1/9/2024	21:56:00	1/10/2024	18:15:00	20.32			Reserve Shutdown	196	196
BS CT1(C)	25	Reserve Shutdown	1/12/2024	1:16:00	1/13/2024	17:03:00	39.78			Reserve Shutdown	196	196
BS CT1(C)	26	Reserve Shutdown	1/13/2024	23:11:00	1/15/2024	16:45:00	41.57			Reserve Shutdown	196	196
BS CT1(C)	27	Reserve Shutdown	1/16/2024	23:17:00	1/18/2024	5:02:00	29.75			Reserve Shutdown	196	196
BS CT1(C)	28	Reserve Shutdown	1/18/2024	11:00:00	1/20/2024	7:07:00	44.12			Reserve Shutdown	196	196
BS CT1(C)	29	Reserve Shutdown	1/21/2024	8:26:00	1/22/2024	6:08:00	21.7			Reserve Shutdown	196	196
BS CT1(C)	30	Reserve Shutdown	1/24/2024	22:53:00	1/31/2024	23:59:00	169.12			Reserve Shutdown	196	196

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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	1	Reserve Shutdown	1/24/2024	22:52:00	1/31/2024	23:59:00	169.13		Reserve Shutdown			259



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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)	9	Reserve Shutdown	1/1/2024	0:00:00	1/22/2024	0:00:00	504		Reserve Shutdown			183
BS CT2(A)	10	Planned Outage	1/22/2024	0:00:00	1/25/2024	15:39:00	87.65	5274	General unit inspection	Unit 2A planned outage preparing for performance testing Note: Water Wash, Cleaning T		183
BS CT2(A)	11	Reserve Shutdown	1/25/2024	15:39:00	1/25/2024	17:11:00	1.53		Reserve Shutdown			183
BS CT2(A)	12	Reserve Shutdown	1/27/2024	20:59:00	1/28/2024	9:53:00	12.9		Reserve Shutdown			183
BS CT2(A)	13	Reserve Shutdown	1/29/2024	8:51:00	1/30/2024	5:25:00	20.57		Reserve Shutdown			183
BS CT2(A)	6	Reserve Shutdown	1/31/2024	8:26:00	1/31/2024	17:35:00	9.15		Reserve Shutdown			183

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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)	9	Reserve Shutdown	1/1/2024	0:00:00	1/21/2024	16:58:00	496.97			Reserve Shutdown		183
BS CT2(B)	10	Reserve Shutdown	1/23/2024	21:26:00	1/25/2024	14:57:00	41.52			Reserve Shutdown		183
BS CT2(B)	11	Reserve Shutdown	1/25/2024	23:10:00	1/29/2024	6:47:00	79.62			Reserve Shutdown		183
BS CT2(B)	12	Planned Outage	1/29/2024	6:47:00	1/31/2024	23:59:00	65.22	5274	General unit inspection	Unit 2B planned outage to prepare for performance testingNote: Water washin		183

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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)	9	Reserve Shutdown	1/1/2024	0:00:00	1/20/2024	19:00:00	475		Reserve Shutdown			183
BS CT2(C)	10	Reserve Shutdown	1/22/2024	8:55:00	1/25/2024	7:05:00	70.17		Reserve Shutdown			183
BS CT2(C)	11	Reserve Shutdown	1/26/2024	23:09:00	1/27/2024	13:53:00	14.73		Reserve Shutdown			183
BS CT2(C)	12	Reserve Shutdown	1/28/2024	0:00:00	1/29/2024	5:38:00	29.63		Reserve Shutdown			183
BS CT2(C)	13	Reserve Shutdown	1/30/2024	8:33:00	1/30/2024	16:46:00	8.22		Reserve Shutdown			183

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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(D)	10	Reserve Shutdown	1/1/2024	0:00:00	1/20/2024	3:10:00	459.17			Reserve Shutdown		183
BS CT2(D)	11	Reserve Shutdown	1/21/2024	9:16:00	1/23/2024	16:03:00	54.78			Reserve Shutdown		183
BS CT2(D)	12	Reserve Shutdown	1/25/2024	21:56:00	1/26/2024	16:17:00	18.35			Reserve Shutdown		183
BS CT2(D)	13	Reserve Shutdown	1/26/2024	23:41:00	1/27/2024	16:09:00	16.47			Reserve Shutdown		183
BS CT2(D)	14	Reserve Shutdown	1/28/2024	12:20:00	1/29/2024	17:02:00	28.7			Reserve Shutdown		183
BS CT2(D)	15	Reserve Shutdown	1/30/2024	8:52:00	1/31/2024	16:58:00	32.1			Reserve Shutdown		183

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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	1	Reserve Shutdown	1/1/2024	0:00:00	1/20/2024	14:20:00	470.33			Reserve Shutdown		315
BS ST 2	2	Reserve Shutdown	1/20/2024	14:32:00	1/20/2024	16:38:00	2.1			Reserve Shutdown		315

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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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Outage Listing  
January 2024

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  
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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**  
**January 2024**

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	16	Reserve Shutdown	1/1/2024	10:34:00	1/3/2024	0:00:00	37.43			Reserve Shutdown		180
Polk 2	17	Reserve Shutdown	1/3/2024	0:00:00	1/3/2024	5:10:00	5.17			Reserve Shutdown		180
Polk 2	18	Reserve Shutdown	1/3/2024	23:09:00	1/6/2024	14:54:00	63.75			Reserve Shutdown		180
Polk 2	19	Maintenance Outage	1/9/2024	20:32:00	1/10/2024	18:35:00	22.05	5049	Other fuel system prob	A leaking liquid fuel purge valve was preventing Polk 2 from successfully running		180
Polk 2	20	Reserve Shutdown	1/10/2024	18:48:00	1/11/2024	0:00:00	5.2			Reserve Shutdown		180
Polk 2	21	Reserve Shutdown	1/11/2024	0:00:00	1/11/2024	5:34:00	5.57			Reserve Shutdown		180
Polk 2	22	Unplanned (Force)	1/11/2024	13:11:00	1/11/2024	15:43:00	2.53	5049	Other fuel system prob	Combustion cold spots were noticed during operation. The unit was shut down		180
Polk 2	23	Reserve Shutdown	1/17/2024	9:49:00	1/17/2024	17:37:00	7.8			Reserve Shutdown		180
Polk 2	24	Reserve Shutdown	1/18/2024	9:11:00	1/18/2024	17:23:00	8.2			Reserve Shutdown		180
Polk 2	25	Reserve Shutdown	1/19/2024	23:54:00	1/20/2024	6:39:00	6.75			Reserve Shutdown		180
Polk 2	26	Reserve Shutdown	1/21/2024	14:03:00	1/23/2024	15:27:00	49.4			Reserve Shutdown		180
Polk 2	27	Reserve Shutdown	1/24/2024	1:10:00	1/25/2024	13:44:00	36.57			Reserve Shutdown		180
Polk 2	28	Reserve Shutdown	1/27/2024	1:23:00	1/29/2024	5:15:00	51.87			Reserve Shutdown		180
Polk 2	29	Reserve Shutdown	1/30/2024	9:26:00	1/31/2024	23:59:00	38.57			Reserve Shutdown		180

**Tampa Electric Company**  
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Unit	Event Number	Event Type	Event Begin Date	Event Begin Time	Event End Date	Event End Time	Event Duration	Cause Code	Cause Code Description	Narrative	Net Available Capacity	Net Dependable Capacity
Polk 2 ST	7	Maintenance Derating	1/9/2024	20:31:00	1/10/2024	18:35:00	22.07	3999	Other miscellaneous balance of plant problem CT2 maintenance outage made HRSG2 unavailable.		360	480
Polk 2 ST	8	Unplanned (Forced) Derating - Immediat	1/11/2024	13:10:00	1/11/2024	15:43:00	2.55	3999	Other miscellaneous balance of plant problem CT2 forced outage made HRSG2 unavailable.		360	480
Polk 2 ST	9	Maintenance Derating	1/12/2024	23:08:00	1/14/2024	11:46:00	36.63	3999	Other miscellaneous balance of plant problem CT4 maintenance outage made HRSG4 unavailable.		360	480
Polk 2 ST	10	Maintenance Derating	1/26/2024	8:00:00	1/26/2024	18:00:00	10	3999	Other miscellaneous balance of plant problem HRSG3 unavailable due to maintenance outage on CT3		360	480
Polk 2 ST	11	Unplanned (Forced) Derating - Immediat	1/27/2024	12:00:00	1/30/2024	18:31:00	78.52	3999	Other miscellaneous balance of plant problem HRSG4 duct burners would not light because element 3 pilot burner spark plug was burnt		450	480

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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	9	Reserve Shutdown	1/6/2024	0:36:00	1/6/2024	10:37:00	10.02			Reserve Shutdown		180
Polk 3	10	Reserve Shutdown	1/15/2024	21:55:00	1/16/2024	12:05:00	14.17			Reserve Shutdown		180
Polk 3	11	Reserve Shutdown	1/25/2024	21:48:00	1/26/2024	8:00:00	10.2			Reserve Shutdown		180
Polk 3	12	Maintenance Outage	1/26/2024	8:00:00	1/26/2024	18:00:00	10	3620	Main transformer	Unit GSU transformers Buchholz relay oil connection flange was leaking oil. To approac		180
Polk 3	13	Reserve Shutdown	1/26/2024	18:00:00	1/27/2024	10:41:00	16.68					180

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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	14	Reserve Shutdown	1/3/2024	9:15:00	1/4/2024	15:03:00	29.8			Reserve Shutdown		180
Polk 4	15	Reserve Shutdown	1/7/2024	22:34:00	1/8/2024	16:01:00	17.45			Reserve Shutdown		180
Polk 4	16	Maintenance Outz	1/12/2024	23:09:00	1/14/2024	11:46:00	36.62	5299	Other miscellaneous gas turbine prot	Polk 4 88TK-1 exhaust frame blower blade had gotten bent and stopped cooling the exhau		180
Polk 4	17	Reserve Shutdown	1/17/2024	22:57:00	1/18/2024	15:46:00	16.82			Reserve Shutdown		180
Polk 4	18	Reserve Shutdown	1/23/2024	0:16:00	1/24/2024	6:37:00	30.35			Reserve Shutdown		180
Polk 4	19	Reserve Shutdwnr	1/25/2024	1:59:00	1/25/2024	11:47:00	9.8			Reserve Shutdown		180
Polk 4	20	Reserve Shutdown	1/27/2024	23:02:00	1/28/2024	16:49:00	17.78			Reserve Shutdown		180
Polk 4	21	Reserve Shutdown	1/29/2024	14:24:00	1/30/2024	5:03:00	14.65			Reserve Shutdown		180
Polk 4	9	Reserve Shutdown	1/31/2024	8:31:00	1/31/2024	16:45:00	8.23			Reserve Shutdown		180

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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	18	Reserve Shutdown	1/1/2024	0:00:00	1/2/2024	15:18:00	39.3		Reserve Shutdown		180	180
Polk 5	19	Reserve Shutdown	1/3/2024	14:31:00	1/3/2024	16:25:00	1.9		Reserve Shutdown		180	180
Polk 5	20	Reserve Shutdown	1/7/2024	0:30:00	1/7/2024	17:10:00	16.67		Reserve Shutdown		180	180
Polk 5	21	Reserve Shutdown	1/11/2024	21:38:00	1/12/2024	0:00:00	2.37		Reserve Shutdown		180	180
Polk 5	22	Reserve Shutdown	1/12/2024	0:00:00	1/12/2024	15:21:00	15.35		Reserve Shutdown		180	180
Polk 5	23	Reserve Shutdown	1/14/2024	22:38:00	1/15/2024	0:00:00	1.37		Reserve Shutdown		180	180
Polk 5	24	Reserve Shutdown	1/15/2024	0:00:00	1/16/2024	17:09:00	41.15		Reserve Shutdown		180	180
Polk 5	25	Reserve Shutdown	1/18/2024	21:50:00	1/19/2024	15:32:00	17.7		Reserve Shutdown		180	180
Polk 5	26	Reserve Shutdown	1/23/2024	12:44:00	1/24/2024	14:25:00	25.68		Reserve Shutdown		180	180
Polk 5	27	Reserve Shutdown	1/25/2024	9:08:00	1/26/2024	12:41:00	27.55		Reserve Shutdown		180	180
Polk 5	28	Reserve Shutdown	1/28/2024	22:57:00	1/29/2024	17:19:00	18.37		Reserve Shutdown		180	180
Polk 5	29	Reserve Shutdown	1/30/2024	9:50:00	1/30/2024	16:48:00	6.97		Reserve Shutdown		180	180
Polk 5	13	Reserve Shutdown	1/31/2024	9:15:00	1/31/2024	23:59:00	14.75		Reserve Shutdown		180	180