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Attorneys and Counselors at Law
123 South Calhoun Street
P.O. Box 391 32302
Tallahassee, FL 32301

P: (850) 224-9115
F: (850) 222-7560

ausley.com

March 25, 2025

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. 20250001-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, 2025.

In addition, attached are Tampa Electric Company's revised GPIF Actual Unit Performance Data Schedules for the months of October 2024, November 2024, December 2024 and January 2025.

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)
Ryan Sandy (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, have been furnished by electronic mail on this 25th day of March, 2025 to the following:

Ryan Sandy
Office of the General Counsel
Florida Public Service Commission
2540 Shumard Oak Boulevard
Tallahassee, FL 32399-0850
rsandy@psc.state.fl.us
discovery-gcl@psc.state.fl.us

Walter Trierweiler
Charles Rehwinkel
Patricia A. Christensen
Mary Wessling
Octavio Ponce
Austin Watrous
Office of Public Counsel
111 West Madison Street, Room 812
Tallahassee, FL 32399-1400
Trierweiler.Walt@leg.state.fl.us
Rehwinkel.charles@leg.state.fl.us
christensen.patty@leg.state.fl.us
wessling.mary@leg.state.fl.us
ponce.octavio@leg.state.fl.us
watrous.austin@leg.state.fl.us

Dianne M. Triplett
Duke Energy Florida
299 First Avenue North
St. Petersburg, FL 33701
Dianne.triplett@duke-energy.com
FLRegulatoryLegal@duke-energy.com

Beth Keating
Gunster, Yoakley & Stewart, P.A.
215 S. Monroe St., Suite 601
Tallahassee, FL 32301
bkeating@gunster.com

Maria Moncada
David M. Lee
Florida Power & Light Company
700 Universe Boulevard
Juno Beach, FL 33408-0420
maria.moncada@fpl.com
david.lee@fpl.com

Kenneth Hoffman
Vice President, Regulatory Relations
Florida Power & Light Company
215 South Monroe Street, Suite 810
Tallahassee, FL 32301-1859
ken.hoffman@fpl.com

Mike Cassel
Regulatory and Governmental Affairs
Florida Public Utilities Company
Florida Division of Chesapeake Utilities Corp.
208 Wildlight Ave.
Yulee, FL 32097
mcassel@fpuc.com

Robert Scheffel Wright
John LaVia, III
Gardner, Bist, Wiener, Wadsworth, Bowden,
Bush, Dee, LaVia & Wright, P.A.
1300 Thomaswood Drive
Tallahassee, FL 32308
shef@gbwlegal.com
jlavia@gbwlegal.com

Matthew R. Bernier
Robert Pickles
Stephanie A. Cuello
Duke Energy Florida
106 East College Avenue, Suite 800
Tallahassee, FL 32301-7740
Matthew.bernier@duke-energy.com
Robert.pickles@duke-energy.com
Stephanie.Cuello@duke-energy.com

Jon C Moyle, Jr.
Moyle Law Firm
118 North Gadsden Street
Tallahassee, FL 32301
jmoyle@moylelaw.com
mqualls@moylelaw.com

Michelle D. Napier
1635 Meathe Drive
West Palm Beach, FL 33411
mnapier@fpuc.com

James W. Brew
Laura W. Baker
Sarah B. Newman
Stone Mattheis Xenopoulos & Brew, PC
1025 Thomas Jefferson Street, NW
Eighth Floor, West Tower
Washington, D.C. 20007-5201
jbrew@smxblaw.com
lwb@smxblaw.com
sbn@smxblaw.com

Peter J. Mattheis
Michael K. Lavanga
Joseph R. Briscar
Stone Law Firm
1025 Thomas Jefferson St., NW
Suite 800 West
Washington, DC 20007-5201
pjm@smxblaw.com
mkl@smxblaw.com
jrb@smxblaw.com



ATTORNEY

ORIGINAL SHEET NO. 8.401.19A
TAMPA ELECTRIC COMPANY

ACTUAL UNIT PERFORMANCE DATA

JANUARY 2025 - DECEMBER 2025

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-25	Feb-25	Mar-25	Apr-25	May-25	Jun-25	Jul-25	Aug-25	Sep-25	Oct-25	Nov-25	Dec-25	2025
1. Equivalent Availability Factor (%)	EAF	99.9	91.6											95.9
2. Period Hours	PH	744.0	672.0											1,416.0
3. Service Hours	SH	744.0	670.2											1,414.2
4. Reserve Shutdown Hours	RSH	0.0	0.0											0.0
5. Unavailable Hours	UH	0.7	39.5											40.2
6. Planned Outage Hours	POH	0.0	39.0											39.0
7. Forced Outage Hours	FOH	0.0	0.6											0.6
8. Maintenance Outage Hours	MOH	0.7	0.0											0.7
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	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	168.4											168.4
11b. Load Reduction Partial Maintenance (MW)	LRPM	0.0	86.0											86.0
12. Net Summer Continuous Rating (MW)	NSC	749.0	749.0											749.0
13. Operating British Thermal Units (GBTU)	OPR BTU	2,129.7	2,092.8											4,222.5
14. Net Generation (MWH)	NETGEN	290,705.0	305,902.0											596,607.0
15. Avg. Net Operating Heat Rate (BTU/KWH)	ANOHR	7,326.0	6,842.0											7,077.6
16. Net Output Factor (%)	NOF	46.1	53.9											49.8
17. Net Period Continuous Rating (MW)	NPC	847.0	847.0											847.0
18. Avg. Net Operating Heat Rate Equation		ANOHR = NOF (-7.294) + 7,882												

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 2025 - DECEMBER 2025

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-25	Feb-25	Mar-25	Apr-25	May-25	Jun-25	Jul-25	Aug-25	Sep-25	Oct-25	Nov-25	Dec-25	2025
1. Equivalent Availability Factor (%)	EAF	59.4	30.0											44.8
2. Period Hours	PH	744.0	672.0											1,416.0
3. Service Hours	SH	6.7	0.0											6.7
4. Reserve Shutdown Hours	RSH	435.6	201.5											628.3
5. Unavailable Hours	UH	301.7	470.5											781.0
6. Planned Outage Hours	POH	0.0	207.5											207.5
7. Forced Outage Hours	FOH	274.7	263.0											547.1
8. Maintenance Outage Hours	MOH	27.0	0.0											26.5
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	929.0	929.0											929.0
13. Operating British Thermal Units (GBTU)	OPR BTU	11.3	0.0											11.4
14. Net Generation (MWH)	NETGEN	796.0	-115.2											-807.2
15. Avg. Net Operating Heat Rate (BTU/KWH)	ANOHR	14,239.0	0.0											-14,061.4
16. Net Output Factor (%)	NOF	0.0	0.0											-11.2
17. Net Period Continuous Rating (MW)	NPC	1,121.0	1,121.0											1,073.0
18. Avg. Net Operating Heat Rate Equation		ANOHR = NOF (-35.618) + 9,594												

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 2025 - DECEMBER 2025

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-25	Feb-25	Mar-25	Apr-25	May-25	Jun-25	Jul-25	Aug-25	Sep-25	Oct-25	Nov-25	Dec-25	2025
1. Equivalent Availability Factor (%)	EAF	99.7	67.4											84.4
2. Period Hours	PH	744.0	672.0											1,416.0
3. Service Hours	SH	742.9	671.4											1,414.3
4. Reserve Shutdown Hours	RSH	0.0	0.0											0.0
5. Unavailable Hours	UH	2.0	156.5											158.7
6. Planned Outage Hours	POH	0.0	150.5											150.5
7. Forced Outage Hours	FOH	2.0	6.0											8.2
8. Maintenance Outage Hours	MOH	0.0	0.0											0.0
9a. Partial Planned Outage Hours	PPOH	0.0	411.0											411.0
9b. Load Reduction Partial Planned (MW)	LRPP	0.0	171.0											171.0
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	4,304.2	2,703.1											7,007.3
14. Net Generation (MWH)	NETGEN	680,834.2	419,810.1											1,100,644.2
15. Avg. Net Operating Heat Rate (BTU/KWH)	ANOHR	6,322.0	6,449.0											6,366.5
16. Net Output Factor (%)	NOF	76.2	55.8											69.5
17. Net Period Continuous Rating (MW)	NPC	1,120.0	1,120.0											1,119.0
18. Avg. Net Operating Heat Rate Equation		ANOHR = NOF (-8.897) + 7,083												



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TAMPA ELECTRIC COMPANY

ACTUAL UNIT PERFORMANCE DATA

JANUARY 2025 - DECEMBER 2025

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-25	Feb-25	Mar-25	Apr-25	May-25	Jun-25	Jul-25	Aug-25	Sep-25	Oct-25	Nov-25	Dec-25	2025
1. Equivalent Availability Factor (%)	EAF	99.9	94.0											97.1
2. Period Hours	PH	744.0	672.0											1,416.0
3. Service Hours	SH	744.0	672.0											1,416.0
4. Reserve Shutdown Hours	RSH	0.0	0.0											0.0
5. Unavailable Hours	UH	0.0	24.0											24.0
6. Planned Outage Hours	POH	0.0	17.7											17.7
7. Forced Outage Hours	FOH	0.0	0.1											0.1
8. Maintenance Outage Hours	MOH	0.0	6.3											6.3
9a. Partial Planned Outage Hours	PPOH	0.0	117.7											117.7
9b. Load Reduction Partial Planned (MW)	LRPP	0.0	120.0											120.0
10a. Partial Forced Outage Hours	PFOH	22.4	0.4											22.8
10b. Load Reduction Partial Forced (MW)	LRPF	37.2	120.0											38.7
11a. Partial Maintenance Outage Hours	PMOH	3.0	41.7											44.7
11b. Load Reduction Partial Maintenance (MW)	LRPM	119.2	120.1											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	3,403.8	3,346.2											6,750.0
14. Net Generation (MWH)	NETGEN	473,442.0	467,750.0											941,192.0
15. Avg. Net Operating Heat Rate (BTU/KWH)	ANOHR	7,189.0	7,154.0											7,171.7
16. Net Output Factor (%)	NOF	53.0	58.0											55.4
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 (-14.998) + 8,177												

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
 Event Listing
 February 2025

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)	12	Reserve Shutdown	2/1/2025	20:05:00	2/2/2025	8:54:00	12.82			Reserve Shutdown		196
BS CT1(A)	13	Reserve Shutdown	2/3/2025	21:44:00	2/4/2025	13:41:00	15.95			Reserve Shutdown		196
BS CT1(A)	14	Reserve Shutdown	2/5/2025	10:10:00	2/5/2025	16:26:00	6.27			Reserve Shutdown		196
BS CT1(A)	15	Reserve Shutdown	2/6/2025	23:22:00	2/7/2025	15:39:00	16.28			Reserve Shutdown		196
BS CT1(A)	16	Reserve Shutdown	2/7/2025	22:30:00	2/8/2025	11:02:00	12.53			Reserve Shutdown		196
BS CT1(A)	17	Reserve Shutdown	2/10/2025	0:03:00	2/10/2025	15:59:00	15.93			Reserve Shutdown		196
BS CT1(A)	18	Reserve Shutdown	2/17/2025	8:19:00	2/17/2025	17:02:00	8.72			Reserve Shutdown		196
BS CT1(A)	19	Reserve Shutdown	2/19/2025	0:43:00	2/19/2025	6:37:00	5.9			Reserve Shutdown		196
BS CT1(A)	20	Reserve Shutdown	2/19/2025	7:08:00	2/19/2025	7:37:00	0.48			Reserve Shutdown		196

Tampa Electric Company
Event Listing
February 2025

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)	11	Reserve Shutdown	2/1/2025	23:57:00	2/2/2025	16:02:00	16.08			Reserve Shutdown		196
BS CT1(B)	12	Reserve Shutdown	2/3/2025	23:37:00	2/4/2025	16:55:00	17.3			Reserve Shutdown		196
BS CT1(B)	13	Reserve Shutdown	2/5/2025	23:49:00	2/6/2025	13:11:00	13.37			Reserve Shutdown		196
BS CT1(B)	14	Reserve Shutdown	2/8/2025	23:32:00	2/9/2025	11:38:00	12.1			Reserve Shutdown		196
BS CT1(B)	15	Reserve Shutdown	2/9/2025	20:55:00	2/10/2025	13:21:00	16.43			Reserve Shutdown		196
BS CT1(B)	16	Reserve Shutdown	2/21/2025	8:51:00	2/21/2025	17:16:00	8.42			Reserve Shutdown		196
BS CT1(B)	17	Planned Outage	2/21/2025	23:39:00	2/28/2025	23:59:00	168.35	5274	General unit inspection	Spring Planned outage for CT1B. Pulled up for repairs to HP/CRH piping steam le		196

Tampa Electric Company
Event Listing
February 2025

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)	11	Reserve Shutdown	2/1/2025	0:00:00	2/1/2025	15:17:00	15.28			Reserve Shutdown		196
BS CT1(C)	12	Reserve Shutdown	2/2/2025	23:54:00	2/3/2025	15:50:00	15.93			Reserve Shutdown		196
BS CT1(C)	13	Reserve Shutdown	2/4/2025	22:34:00	2/5/2025	14:19:00	15.75			Reserve Shutdown		196
BS CT1(C)	14	Reserve Shutdown	2/6/2025	8:25:00	2/6/2025	16:41:00	8.27			Reserve Shutdown		196
BS CT1(C)	15	Reserve Shutdown	2/7/2025	21:00:00	2/8/2025	17:07:00	20.12			Reserve Shutdown		196
BS CT1(C)	16	Reserve Shutdown	2/9/2025	0:41:00	2/9/2025	15:14:00	14.55			Reserve Shutdown		196
BS CT1(C)	17	Reserve Shutdown	2/18/2025	9:12:00	2/18/2025	17:09:00	7.95			Reserve Shutdown		196
BS CT1(C)	18	Reserve Shutdown	2/21/2025	0:45:00	2/21/2025	2:34:00	1.82			Reserve Shutdown		196
BS CT1(C)	19	Reserve Shutdown	2/23/2025	8:17:00	2/23/2025	15:53:00	7.6			Reserve Shutdown		196
BS CT1(C)	20	Reserve Shutdown	2/28/2025	8:24:00	2/28/2025	15:43:00	7.32			Reserve Shutdown		196

Tampa Electric Company
 Event Listing
 February 2025

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
85 ST 1	1	Unplanned (Forced) Outage - Immediate	2/21/2025	2:49:00	2/21/2025	4:40:00	1:85	3199	Other miscellaneous condensing system probl	High pressure in ST1 condenser from air in makeup condensate line.		259
85 ST 1	2	Maintenance Derating	2/21/2025	23:39:00	2/28/2025	23:59:00	168:35	3999	Other miscellaneous balance of plant problem	Derate ST1 due to CT18 planned spring outage	173	259

Tampa Electric Company
 Event Listing
 February 2025

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	2/1/2025	0:00:00	2/3/2025	7:45:00	55.75					196
BS CT2(A)	10	Unplanned (Forced)	2/3/2025	7:45:00	2/3/2025	9:45:00	2	3950	Process computer	Unit 2 communication issues with DCS making units unavailable		196
BS CT2(A)	11	Reserve Shutdown	2/3/2025	9:45:00	2/4/2025	14:55:00	29.17					196
BS CT2(A)	12	Unplanned (Forced)	2/4/2025	14:55:00	2/4/2025	17:24:00	2.48	5130	Starting system (includ	Unit 2 LCI issues making CTs unavailable		196
BS CT2(A)	13	Reserve Shutdown	2/4/2025	17:24:00	2/16/2025	21:06:00	291.7					196
BS CT2(A)	14	Planned Outage	2/16/2025	21:06:00	2/28/2025	23:59:00	290.9	0540	Hot reheat steam pipin	Unit 2 CTs to do steam blows to remove any residual material from HP steam turbine in		196

Tampa Electric Company
Event Listing
February 2025

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)	10	Reserve Shutdown	2/1/2025	0:00:00	2/3/2025	7:45:00	55.75					196
BS CT2(B)	11	Unplanned (Forced) Outage	2/3/2025	7:45:00	2/3/2025	9:45:00	2	3950	Process computer	Unit 2 communication issues with DCS making units unavailable		196
BS CT2(B)	12	Reserve Shutdown	2/3/2025	9:45:00	2/4/2025	14:56:00	29.18					196
BS CT2(B)	13	Unplanned (Forced) Outage	2/4/2025	14:56:00	2/4/2025	17:23:00	2.45	5130	Starting system (including motor)	Unit 2 LCI issues making CTs unavailable		196
BS CT2(B)	14	Reserve Shutdown	2/4/2025	17:23:00	2/16/2025	21:06:00	291.72					196
BS CT2(B)	15	Planned Outage	2/16/2025	21:06:00	2/28/2025	23:59:00	290.9	0540	Hot reheat steam piping up to turbine stop valves	Unit 2 CTs to do steam blows to remove any residual material from HP steam t		196

Tampa Electric Company
Event Listing
February 2025

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)	12	Reserve Shutdown	2/1/2025	0:00:00	2/3/2025	7:45:00	55.75					196
BS CT2(C)	13	Unplanned (Forced) (2/3/2025	7:45:00	2/3/2025	9:45:00	2	3950	Process computer	Unit 2 communication issues with DCS making units unavailable		196
BS CT2(C)	14	Reserve Shutdown	2/3/2025	9:45:00	2/4/2025	14:56:00	29.18					196
BS CT2(C)	15	Unplanned (Forced) (2/4/2025	14:56:00	2/4/2025	17:23:00	2.45	5130	Starting system (including mot	Unit 2 LCI issues making CTs unavailable		196
BS CT2(C)	16	Reserve Shutdown	2/4/2025	17:23:00	2/16/2025	21:06:00	291.72					196
BS CT2(C)	17	Planned Outage	2/16/2025	21:06:00	2/28/2025	23:59:00	290.9	0540	Hot reheat steam piping up to	Unit 2 CTs to do steam blows to remove any residual material from HP steam turbine in		196

Tampa Electric Company
 Event Listing
 February 2025

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)	7	Unplanned (Forcec	2/1/2025	0:00:00	2/16/2025	21:06:00	381.1			Unit 2D Bus Accessory Compartment damage causing Units 2A-C to be unavaila		196
BS CT2(D)	8	Planned Outage	2/16/2025	21:06:00	2/28/2025	23:59:00	290.9	0540	Hot reheat steam piping Unit 2 CTs to do steam blows to remove any residual material from HP steam tu			196

Tampa Electric Company
Event Listing
February 2025

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	Unplanned (Forced) O	2/1/2025	0:00:00	2/28/2025	23:59:00	6/2 4012	Buckets or blades	Unit 2 ST tripped on high vibration due to HP turbine failure	Note: Turbine had a fai		315

Tampa Electric Company
Event Listing
February 2025

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
BB CT5	2	Reserve Shutdown	2/23/2025	12:54:00	2/23/2025	13:29:00	0.58			Reserve Shutdown		392

Tampa Electric Company
 Event Listing
 February 2025

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
BB CT6	3	Planned Outage	2/11/2025	1:53:00	2/28/2025	23:59:00	430.12	5071	Combustor liner	GE driven Outage to replace damaged Unibodies, 1st stage bucket replacement, and T2 be		392

Tampa Electric Company
Event Listing
February 2025

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 ST1	2	Planned Derating	2/11/2025	1:05:00	2/28/2025	23:59:00	430.92	3999	Other miscellaneous balance of	CT6 Unibody and T2 Bearing Outage.	165	336
BIG BEND ST1	3	Unplanned (Forced) Outage - Immedia	2/22/2025	19:20:00	2/23/2025	15:17:00	19.95			The Aux. Cooling Tower level drained out due to the supply valve being left closed. T		336

Tampa Electric Company
Event Listing
February 2025

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	8	Reserve Shutdown	2/1/2025	0:00:00	2/1/2025	10:19:00	10.32			Reserve Shutdown		180
Polk 2	9	Reserve Shutdown	2/1/2025	22:11:00	2/2/2025	13:15:00	15.07					180
Polk 2	10	Reserve Shutdown	2/3/2025	0:44:00	2/3/2025	10:05:00	9.35					180
Polk 2	11	Unplanned (Forced)	2/3/2025	11:14:00	2/3/2025	11:38:00	0.4	5250	Other controls and instr CT tripped during startup due to faulty exhaust temperature probe. The probe v			180
Polk 2	12	Reserve Shutdown	2/3/2025	11:38:00	2/3/2025	17:23:00	5.75					180
Polk 2	13	Reserve Shutdown	2/4/2025	23:47:00	2/5/2025	13:13:00	13.43					180
Polk 2	14	Reserve Shutdown	2/6/2025	0:18:00	2/6/2025	13:30:00	13.2			Reserve Shutdown		180
Polk 2	15	Reserve Shutdown	2/7/2025	0:31:00	2/7/2025	13:40:00	13.15			Reserve Shutdown		180
Polk 2	16	Reserve Shutdown	2/8/2025	1:50:00	2/8/2025	12:31:00	10.68			Reserve Shutdown		180
Polk 2	17	Reserve Shutdown	2/12/2025	0:08:00	2/12/2025	11:34:00	11.43			Reserve Shutdown		180
Polk 2	18	Reserve Shutdown	2/13/2025	0:32:00	2/13/2025	9:37:00	9.08			Reserve Shutdown		180
Polk 2	19	Reserve Shutdown	2/14/2025	1:27:00	2/14/2025	12:43:00	11.27			Reserve Shutdown		180
Polk 2	20	Maintenance Outage	2/16/2025	23:00:00	2/18/2025	16:42:00	41.7	5120	Hydraulic oil system	CT2 IGV trip block was leaking oil out, causing usage of oil and potential environ		180

Tampa Electric Company
Event Listing
February 2025

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	4	Unplanned (Forced) Derating - Immedia	2/3/2025	11:14:00	2/3/2025	11:38:00	0.4 3999		Other miscellaneous balance of plant prober CT2 trip derates steam turbine.		360	480
Polk 2 ST	5	Maintenance Derating	2/16/2025	23:00:00	2/18/2025	16:42:00	41.7 3999		Other miscellaneous balance of plant prober CT2 maintenance outage derates steam turbine.		360	480
Polk 2 ST	6	Planned Derating	2/24/2025	2:17:00	2/28/2025	23:59:00	117.72 3999		Other miscellaneous balance of plant prober CT3 planned outage derates steam turbine.		360	480

Tampa Electric Company
 Event Listing
 February 2025

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	2/4/2025	10:01:00	2/4/2025	16:51:00	6.83			Reserve Shutdown		180
Polk 3	10	Reserve Shutdown	2/8/2025	21:24:00	2/9/2025	12:43:00	15.32			Reserve Shutdown		180
Polk 3	11	Planned Outage	2/24/2025	2:17:00	2/28/2025	23:59:00	117.72	5274	General unit inspection	Driver behind planned outage is to perform annual and semi-annual maintenance includin		180

Tampa Electric Company
Event Listing
February 2025

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	2/1/2025	1:40:00	2/3/2025	14:07:00	60.45		Reserve Shutdown		180	180
Polk 4	11	Reserve Shutdown	2/3/2025	22:25:00	2/4/2025	13:13:00	14.8		Reserve Shutdown		180	180
Polk 4	12	Reserve Shutdown	2/4/2025	21:54:00	2/5/2025	15:34:00	17.67		Reserve Shutdown		180	180
Polk 4	13	Reserve Shutdown	2/5/2025	21:02:00	2/6/2025	16:16:00	19.23		Reserve Shutdown		180	180
Polk 4	14	Reserve Shutdown	2/6/2025	21:45:00	2/7/2025	15:02:00	17.28		Reserve Shutdown		180	180
Polk 4	15	Reserve Shutdown	2/7/2025	23:53:00	2/8/2025	15:07:00	15.23		Reserve Shutdown		180	180
Polk 4	16	Reserve Shutdown	2/8/2025	21:43:00	2/9/2025	14:26:00	16.72		Reserve Shutdown		180	180
Polk 4	17	Reserve Shutdown	2/9/2025	22:36:00	2/10/2025	13:11:00	14.58		Reserve Shutdown		180	180
Polk 4	18	Reserve Shutdown	2/15/2025	0:09:00	2/15/2025	11:49:00	11.67		Reserve Shutdown		180	180
Polk 4	19	Reserve Shutdown	2/24/2025	0:22:00	2/24/2025	7:00:00	6.63		Reserve Shutdown		180	180
Polk 4	20	Reserve Shutdown	2/26/2025	8:39:00	2/26/2025	15:16:00	6.62		Reserve Shutdown		180	180

Tampa Electric Company
Event Listing
February 2025

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	9	Reserve Shutdown	2/10/2025	21:57:00	2/11/2025	12:40:00	14.72		Reserve Shutdown			180
Polk 5	10	Reserve Shutdown	2/16/2025	0:31:00	2/16/2025	10:49:00	10.3		Reserve Shutdown			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:	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	97.2	100.0	99.2	99.3	90.3	95.1	47.8	95.3			91.9
2. Period Hours	PH	744.0	696.0	743.0	720.0	744.0	720.0	744.0	744.0	720.0	744.0			7,318.0
3. Service Hours	SH	574.9	394.6	682.0	720.0	744.0	720.0	671.1	700.0	358.1	659.5			6,224.2
4. Reserve Shutdown Hours	RSH	129.6	296.8	41.4	0.0	0.0	0.0	0.9	7.7	0.0	69.0			545.4
5. Unavailable Hours	UH	39.5	4.6	20.6	0.0	5.8	5.4	72.0	36.3	376.1	15.5			575.8
6. Planned Outage Hours	POH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	367.9	3.9			371.8
7. Forced Outage Hours	FOH	0.7	0.1	17.2	0.0	5.8	5.4	0.0	23.9	8.2	1.5			62.8
8. Maintenance Outage Hours	MOH	38.9	4.6	3.5	0.0	0.0	0.0	72.0	12.4	0.0	10.2			141.6
9a. Partial Planned Outage Hours	PPOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	144.7			144.7
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	100.0			100.0
10a. Partial Forced Outage Hours	PFOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			0.0
10b. Load Reduction Partial Forced (MW)	LRPF	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			0.0
11a. Partial Maintenance Outage Hours	PMOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			0.0
11b. Load Reduction Partial Maintenance (MW)	LRPM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			0.0
12. Net Summer Continuous Rating (MW)	NSC	749.0	749.0	749.0	749.0	749.0	749.0	749.0	749.0	749.0	749.0			749.0
13. Operating British Thermal Units (GBTU)	OPR BTU	1,104.2	996.0	1,961.8	1,881.0	2,674.8	1,865.7	2,048.2	2,254.5	1,080.0	2,396.8			18,263.2
14. Net Generation (MWH)	NETGEN	145,773.5	132,105.1	262,586.5	253,083.1	360,412.9	252,824.0	282,763.4	311,663.2	156,623.1	339,829.4			2,497,664.2
15. Avg. Net Operating Heat Rate (BTU/KWH)	ANOHR	7,575.0	7,540.0	7,471.0	7,433.0	7,421.0	7,380.0	7,244.0	7,234.0	6,895.0	7,053.0			7,312.1
16. Net Output Factor (%)	NOF	29.9	39.5	45.5	46.9	64.7	46.9	56.3	59.4	58.4	68.8			51.6
17. Net Period Continuous Rating (MW)	NPC	847.0	847.0	847.0	749.0	749.0	749.0	749.0	749.0	749.0	749.0			778.4
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	43.2	-0.1	0.0	18.5	91.6	98.7	99.6	99.8	66.2			61.5
2. Period Hours	PH	744.0	696.0	743.0	720.0	744.0	720.0	744.0	744.0	720.0	744.0			7,318.0
3. Service Hours	SH	271.6	333.9	0.0	0.0	34.1	533.7	744.0	744.0	720.0	4.9			3,386.2
4. Reserve Shutdown Hours	RSH	445.7	0.0	1.0	0.0	103.3	125.9	0.0	0.0	0.0	487.4			1,163.3
5. Unavailable Hours	UH	26.7	395.1	743.0	720.0	606.6	60.5	9.6	3.2	1.3	251.7			2,817.7
6. Planned Outage Hours	POH	26.7	395.1	743.0	720.0	593.6	13.9	0.0	0.0	0.0	0.0			2,492.3
7. Forced Outage Hours	FOH	0.0	0.0	0.0	0.0	0.0	0.0	6.9	3.2	1.3	243.4			254.8
8. Maintenance Outage Hours	MOH	0.0	0.0	0.0	0.0	12.9	46.6	2.7	0.0	0.0	8.3			70.5
9a. Partial Planned Outage Hours	PPOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			0.0
9b. Load Reduction Partial Planned (MW)	LRPP	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			0.0
10a. Partial Forced Outage Hours	PFOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			0.0
10b. Load Reduction Partial Forced (MW)	LRPF	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			0.0
11a. Partial Maintenance Outage Hours	PMOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			0.0
11b. Load Reduction Partial Maintenance (MW)	LRPM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			0.0
12. Net Summer Continuous Rating (MW)	NSC	929.0	929.0	929.0	929.0	929.0	929.0	929.0	929.0	929.0	929.0			929.0
13. Operating British Thermal Units (GBTU)	OPR BTU	625.2	792.5	0.0	0.0	87.0	2,168.4	3,165.7	2,837.3	3,268.0	7.6			12,951.7
14. Net Generation (MWH)	NETGEN	79,318.7	104,465.8	-825.0	-720.0	6,688.0	307,243.0	438,955.5	391,743.9	452,081.9	626.8			1,779,578.6
15. Avg. Net Operating Heat Rate (BTU/KWH)	ANOHR	7,882.0	7,586.0	0.0	0.0	13,002.0	7,058.0	7,212.0	7,243.0	7,229.0	12,203.0			7,278.0
16. Net Output Factor (%)	NOF	27.9	29.9	0.0	0.0	21.1	62.0	59.1	52.7	62.9	12.8			53.0
17. Net Period Continuous Rating (MW)	NPC	1,047.0	1,047.0	1,047.0	929.0	929.0	929.0	999.0	999.0	999.0	999.0			992.4
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	89.6	89.5	81.7	82.3	91.7	100.0	90.3	75.6			90.1
2. Period Hours	PH	744.0	696.0	743.0	720.0	744.0	720.0	744.0	744.0	720.0	744.0			7,318.0
3. Service Hours	SH	744.0	696.0	743.0	711.6	741.0	712.1	744.0	744.0	712.4	667.7			7,215.8
4. Reserve Shutdown Hours	RSH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			0.0
5. Unavailable Hours	UH	0.0	0.0	43.5	64.1	74.6	85.1	40.5	0.2	69.8	181.5			559.3
6. Planned Outage Hours	POH	0.0	0.0	0.0	64.1	74.0	67.0	0.0	0.0	60.4	114.9			380.4
7. Forced Outage Hours	FOH	0.0	0.0	43.5	0.0	0.0	7.5	0.4	0.2	9.3	66.7			127.6
8. Maintenance Outage Hours	MOH	0.0	0.0	0.0	0.0	0.7	10.6	40.1	0.0	0.0	0.0			51.4
9a. Partial Planned Outage Hours	PPOH	0.0	0.0	0.0	49.3	234.7	202.1	0.0	0.0	0.0	0.0			486.1
9b. Load Reduction Partial Planned (MW)	LRPP	0.0	0.0	0.0	250.0	250.0	190.0	0.0	0.0	0.0	0.0			225.1
10a. Partial Forced Outage Hours	PFOH	0.0	0.0	139.2	0.0	34.3	0.0	0.0	0.0	0.0	0.0			173.5
10b. Load Reduction Partial Forced (MW)	LRPF	0.0	0.0	270.0	0.0	170.0	0.0	0.0	0.0	0.0	0.0			250.2
11a. Partial Maintenance Outage Hours	PMOH	0.0	0.0	0.0	0.0	0.0	31.9	117.4	0.0	0.0	0.0			149.3
11b. Load Reduction Partial Maintenance (MW)	LRPM	0.0	0.0	0.0	0.0	0.0	190.0	190.0	0.0	0.0	0.0			190.0
12. Net Summer Continuous Rating (MW)	NSC	1,055.0	1,055.0	1,055.0	1,055.0	1,055.0	1,055.0	1,055.0	1,055.0	1,055.0	1,055.0			1,055.0
13. Operating British Thermal Units (GBTU)	OPR BTU	4,305.0	3,820.9	3,834.5	3,394.5	3,398.7	3,318.6	4,072.6	4,187.9	3,884.3	2,417.1			36,633.9
14. Net Generation (MWH)	NETGEN	677,600.0	595,266.0	596,084.0	510,995.0	524,445.0	507,300.0	639,984.2	663,439.4	561,960.1	271,193.0			5,548,266.7
15. Avg. Net Operating Heat Rate (BTU/KWH)	ANOHR	6,353.0	6,419.0	6,433.0	6,643.0	6,481.0	6,542.0	6,364.0	6,312.0	6,912.0	8,913.0			6,602.8
16. Net Output Factor (%)	NOF	81.4	76.4	71.7	68.1	67.1	67.5	81.5	84.5	74.8	38.5			71.6
17. Net Period Continuous Rating (MW)	NPC	1,119.0	1,119.0	1,119.0	1,055.0	1,055.0	1,055.0	1,055.0	1,055.0	1,055.0	1,055.0			1,074.2
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	98.2	78.9	99.1	87.1	99.9	87.2	98.7	99.0	99.3			94.3
2. Period Hours	PH	744.0	696.0	743.0	720.0	744.0	720.0	744.0	744.0	720.0	744.0			7,318.0
3. Service Hours	SH	744.0	671.4	743.0	720.0	652.3	720.0	744.0	744.0	713.6	744.0			7,196.3
4. Reserve Shutdown Hours	RSH	0.0	21.0	0.0	0.0	0.0	0.0	0.0	0.0	3.6	0.0			24.6
5. Unavailable Hours	UH	10.7	3.6	81.7	3.5	94.9	0.0	51.6	5.2	2.8	0.6			254.6
6. Planned Outage Hours	POH	0.0	0.2	75.8	0.0	0.0	0.0	39.6	0.0	0.0	0.0			115.6
7. Forced Outage Hours	FOH	0.4	0.0	3.3	0.0	94.9	0.0	11.9	4.3	2.8	0.6			118.2
8. Maintenance Outage Hours	MOH	10.3	3.4	2.6	3.5	0.0	0.0	0.0	0.8	0.0	0.0			20.6
9a. Partial Planned Outage Hours	PPOH	0.0	23.7	506.5	24.5	0.0	0.0	280.4	5.9	36.3	23.4			900.7
9b. Load Reduction Partial Planned (MW)	LRPP	0.0	120.0	172.7	119.7	0.0	0.0	119.8	119.9	119.8	119.8			149.6
10a. Partial Forced Outage Hours	PFOH	81.1	62.8	23.6	0.0	6.8	20.8	70.6	32.3	1.0	18.6			317.6
10b. Load Reduction Partial Forced (MW)	LRPF	32.8	120.0	115.6	0.0	119.8	29.9	180.8	128.9	118.8	119.8			105.9
11a. Partial Maintenance Outage Hours	PMOH	68.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			68.7
11b. Load Reduction Partial Maintenance (MW)	LRPM	120.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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			1,061.0
13. Operating British Thermal Units (GBTU)	OPR BTU	3,277.9	2,608.7	2,970.0	3,294.0	3,209.9	3,514.9	3,606.5	4,036.3	3,988.5	4,116.3			34,623.0
14. Net Generation (MWH)	NETGEN	466,423.0	364,118.0	414,206.0	455,131.0	411,516.0	487,900.0	505,415.1	566,859.0	549,409.0	577,289.0			4,798,266.1
15. Avg. Net Operating Heat Rate (BTU/KWH)	ANOHR	7,028.0	7,164.0	7,170.0	7,238.0	7,800.0	7,204.0	7,133.0	7,120.0	7,260.0	7,130.0			7,215.7
16. Net Output Factor (%)	NOF	52.2	45.2	46.5	59.6	59.5	63.9	64.0	71.8	72.6	73.1			60.5
17. Net Period Continuous Rating (MW)	NPC	1,200.0	1,200.0	1,200.0	1,061.0	1,061.0	1,061.0	1,061.0	1,061.0	1,061.0	1,061.0			1,102.7
18. Avg. Net Operating Heat Rate Equation		ANOHR = NOF (-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
 October 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)	103	Reserve Shutdown	10/8/2024	2:07:00	10/11/2024	16:05:00	85.97		Reserve Shutdown for Hurricane Milton			168
BS CT1(A)	104	Reserve Shutdown	10/29/2024	3:33:00	10/29/2024	14:23:00	10.83		Reserve Shutdown			168

Tampa Electric Company
Outage Listing
October 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)	112	Planned Outage	10/1/2024	0:00:00	10/1/2024	17:21:00	17.35	0530	Other main steam system problems	Unit 1 MS NDE (nondestructive inspections)Note: The main item that was don-	168	168
BS CT1(B)	113	Reserve Shutdown	10/1/2024	17:21:00	10/1/2024	20:11:00	2.83			Reserve Shutdown	168	168
BS CT1(B)	114	Reserve Shutdown	10/8/2024	0:49:00	10/11/2024	6:17:00	77.47			Reserve Shutdown Hurricane Milton	168	168
BS CT1(B)	115	Maintenance Out:	10/11/2024	17:35:00	10/12/2024	16:15:00	22.67	9035	Hurricane	Substation pole top damage due to Hurricane Milton	168	168
BS CT1(B)	116	Reserve Shutdown	10/12/2024	16:15:00	10/12/2024	18:56:00	2.68				168	168
BS CT1(B)	117	Reserve Shutdown	10/15/2024	1:26:00	10/15/2024	11:07:00	9.68			Reserve Shutdown	168	168
BS CT1(B)	118	Reserve Shutdown	10/16/2024	23:11:00	10/17/2024	16:19:00	17.13			Reserve Shutdown	168	168
BS CT1(B)	119	Reserve Shutdown	10/20/2024	1:56:00	10/20/2024	8:44:00	6.8			Reserve Shutdown	168	168
BS CT1(B)	120	Reserve Shutdown	10/28/2024	1:56:00	10/29/2024	2:49:00	24.88			Reserve Shutdown	168	168
BS CT1(B)	121	Reserve Shutdown	10/30/2024	21:40:00	10/31/2024	4:26:00	6.77			Reserve Shutdown	168	168

Tampa Electric Company
 Outage Listing
 October 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)	106	Reserve Shutdown	10/7/2024	11:23:00	10/11/2024	17:35:00	102.2			Reserve Shutdown		168
BS CT1(C)	107	Maintenance Outage	10/11/2024	17:35:00	10/12/2024	16:15:00	22.67	9035	Hurricane	Substation pole top damage due to Hurricane Milton		168
BS CT1(C)	108	Reserve Shutdown	10/12/2024	16:15:00	10/13/2024	12:22:00	20.12					168
BS CT1(C)	109	Reserve Shutdown	10/17/2024	11:06:00	10/17/2024	17:29:00	6.38			Reserve Shutdown		168
BS CT1(C)	110	Reserve Shutdown	10/18/2024	0:14:00	10/19/2024	16:42:00	40.47			Reserve Shutdown		168
BS CT1(C)	111	Reserve Shutdown	10/27/2024	21:30:00	10/28/2024	16:11:00	18.68			Reserve Shutdown		168

7



Tampa Electric Company
Outage Listing
October 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	11	Reserve Shutdown	10/8/2024	1:58:00	10/11/2024	9:56:00	79.97			Reserve Shutdown Hurricane Milton		245
BS ST 1	12	Unplanned (Forced) Outage - Immediate	10/11/2024	10:12:00	10/11/2024	14:44:00	4.53	9035	Hurricane	Start up after Hurricane Milton high vibration		245
BS ST 1	13	Planned Derating	10/23/2024	0:35:00	10/26/2024	17:34:00	88.98	9035	Hurricane	Debris from Hurricane Milton in screen well to circulating pumps. Need to dredge	145	245
BS ST 1	14	Planned Derating	10/28/2024	6:43:00	10/29/2024	18:30:00	35.78	9035	Hurricane	Debris from Hurricane Milton in screen well to circulating pumps. Need to dredge	145	245
BS ST 1	15	Planned Derating	10/30/2024	6:15:00	10/30/2024	16:09:00	9.9	9035	Hurricane	Debris from Hurricane Milton in screen well to circulating pumps. Need to dredge	145	245
BS ST 1	16	Planned Derating	10/31/2024	6:04:00	10/31/2024	16:05:00	10.02	9035	Hurricane	Debris from Hurricane Milton in screen well to circulating pumps. Need to dredge	145	245

Tampa Electric Company
Outage Listing
October 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)	54	Reserve Shutdown	10/1/2024	1:34:00	10/31/2024	23:59:00	742.43		Reserve Shutdown			168

Tampa Electric Company
Outage Listing
October 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)	63	Reserve Shutdown	10/1/2024	2:17:00	10/31/2024	23:59:00	741.72			Reserve Shutdown		168

Tampa Electric Company
Outage Listing
October 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)	73	Reserve Shutdown	10/1/2024	1:12:00	10/1/2024	12:14:00	11.03			Reserve Shutdown		168
BS CT2(C)	74	Reserve Shutdown	10/1/2024	13:26:00	10/14/2024	16:30:00	315.07			Reserve Shutdown		168
BS CT2(C)	75	Maintenance Outage	10/14/2024	16:30:00	10/15/2024	17:11:00	24.68	9035	Hurricane	Hurricane Milton damaged pole tops at substation		168
BS CT2(C)	76	Reserve Shutdown	10/15/2024	17:11:00	10/31/2024	23:59:00	390.82					168

Tampa Electric Company
 Outage Listing
 October 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)	81	Reserve Shutdown	10/1/2024	0:36:00	10/1/2024	5:26:00	4.83			Reserve Shutdown		168
BS CT2(D)	82	Reserve Shutdown	10/1/2024	9:44:00	10/14/2024	16:30:00	318.77			Reserve Shutdown		168
BS CT2(D)	83	Maintenance Outa	10/14/2024	16:30:00	10/15/2024	17:11:00	24.68	9035	Hurricane	Hurricane Milton damaged pole tops at substation		168
BS CT2(D)	84	Reserve Shutdown	10/15/2024	17:11:00	10/31/2024	23:59:00	390.82					168

Tampa Electric Company
Outage Listing
October 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	12	Unplanned (Forced) O	10/1/2024	0:32:00	10/31/2024	23:59:00	743.47	4012	Buckets or blades	Unit 2 ST tripped on high vibration due to HP turbine failure		327

Tampa Electric Company
Outage Listing
October 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
BB CT5	11	Unplanned (Forced) Outage - Immediat	10/9/2024	22:17:00	10/12/2024	14:16:00	63.98	9035	Hurricane	Hurricane Milton.		360
BB CT5	12	Planned Outage	10/19/2024	0:31:00	10/27/2024	2:00:00	193.48	5080	High pressure shaft	GE Warranty Inspection. Rotor and bucket inspection is required by GE every 4000 hour		360
BB CT5	13	Reserve Shutdown	10/27/2024	2:00:00	10/27/2024	14:03:00	12.05			Reserve Shutdown		360
BB CT5	14	Unplanned (Forced) Outage - Immediat	10/29/2024	10:53:00	10/31/2024	23:59:00	61.12	4730	Generator current and potential transformers	41DC breaker failed to disengage during an under-excitation event, causing an Exciter		360

Tampa Electric Company
Outage Listing
October 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
BB CT6	14	Unplanned (Forced) Outage - Immediat	10/9/2024	21:37:00	10/12/2024	14:53:00	65.27	9035	Hurricane	Hurricane Milton		360
BB CT6	15	Reserve Shutdown	10/20/2024	11:00:00	10/20/2024	11:29:00	0.48			Reserve Shutdown		360
BB CT6	16	Unplanned (Forced) Outage - Immediat	10/23/2024	8:58:00	10/23/2024	9:27:00	0.48	8240	Bypass dampers	Shutdown to purge from Simple Cycle to Combined Cycle.		360
BB CT6	17	Planned Outage	10/29/2024	2:42:00	10/29/2024	12:48:00	10.1	5272	Boroscope inspection	4000 hour borescope inspection.		360

Tampa Electric Company
 Outage Listing
 October 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
BIG BEND ST1	12	Planned Outage	10/1/2024	0:00:00	10/6/2024	23:00:00	143.4261	Control valves		Planned Outage to inspect Main Steam Control Valve internals (GE).		335
BIG BEND ST1	13	Reserve Shutdown	10/6/2024	23:00:00	10/23/2024	12:19:00	397.32			Reserve Shutdown		335
BIG BEND ST1	14	Reserve Shutdown	10/29/2024	11:13:00	10/29/2024	16:02:00	4.82			Reserve Shutdown		335

Tampa Electric Company
 Outage Listing
 October 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	106	Reserve Shutdown	10/9/2024	21:35:00	10/11/2024	12:21:00	38.77		Reserve Shutdown			150
Polk 2	107	Reserve Shutdown	10/17/2024	23:21:00	10/18/2024	13:56:00	14.58		Reserve Shutdown			150

Tampa Electric Company
Outage Listing
October 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	48	Unplanned (Forced) Derating - Immediate	10/9/2024	13:10:00	10/9/2024	17:10:00	4:39:99	4 3999	Other miscellaneous balance of plant problem CT5 exciter trip derates steam turbine.		341.25	461
Polk 2 ST	49	Planned Derating	10/15/2024	1:10:00	10/16/2024	0:34:00	23:4:3999	3999	Other miscellaneous balance of plant problem HRSG3 outage to address hot reheat collection header insulation torn off by Hurricane		341.25	461
Polk 2 ST	50	Unplanned (Forced) Derating - Immediate	10/22/2024	22:31:00	10/23/2024	13:04:00	14:55:3999	3999	Other miscellaneous balance of plant problem HRSG4 boiler feed pump tripped off due to leak detected. The DCS digital input card "b		341.25	461

Tampa Electric Company
 Outage Listing
 October 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	38	Reserve Shutdown	10/15/2024	1:10:00	10/15/2024	15:23:00	14.22			Reserve Shutdown		150
Polk 3	39	Reserve Shutdown	10/15/2024	23:32:00	10/16/2024	0:34:00	1.03			Reserve Shutdown		150

Tampa Electric Company
Outage Listing
October 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	70	Reserve Shutdown	10/13/2024	0:02:00	10/14/2024	13:10:00	37.13			Reserve Shutdown		150
Polk 4	71	Reserve Shutdown	10/16/2024	2:03:00	10/17/2024	17:49:00	39.77			Reserve Shutdown		150
Polk 4	72	Reserve Shutdown	10/23/2024	13:04:00	10/23/2024	13:53:00	0.82			Reserve Shutdown		150
Polk 4	73	Reserve Shutdown	10/26/2024	2:23:00	10/26/2024	15:39:00	13.27			Reserve Shutdown		150

Tampa Electric Company
Outage Listing
October 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	99	Unplanned (Forced) Outage - Immediat	10/9/2024	13:10:00	10/9/2024	17:10:00	4.4750	4750	Other generator controls and metering problems	During normal operation, exciter breaker tripped. This also tripped the generator brea		150
Polk 5	100	Reserve Shutdown	10/9/2024	17:16:00	10/10/2024	15:33:00	22.28			Reserve Shutdown		150
Polk 5	101	Reserve Shutdown	10/26/2024	22:38:00	10/27/2024	14:13:00	15.58			Reserve Shutdown		150

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 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	97.2	100.0	99.2	99.3	90.3	95.1	47.8	95.3			91.9
2. Period Hours	PH	744.0	696.0	743.0	720.0	744.0	720.0	744.0	744.0	720.0	744.0			7,318.0
3. Service Hours	SH	574.9	394.6	682.0	720.0	744.0	720.0	671.1	700.0	358.1	659.5			6,224.2
4. Reserve Shutdown Hours	RSH	129.6	296.8	41.4	0.0	0.0	0.0	0.9	7.7	0.0	69.0			545.4
5. Unavailable Hours	UH	39.5	4.6	20.6	0.0	5.8	5.4	72.0	36.3	376.1	15.5			575.8
6. Planned Outage Hours	POH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	367.9	3.9			371.8
7. Forced Outage Hours	FOH	0.7	0.1	17.2	0.0	5.8	5.4	0.0	23.9	8.2	1.5			62.8
8. Maintenance Outage Hours	MOH	38.9	4.6	3.5	0.0	0.0	0.0	72.0	12.4	0.0	10.2			141.6
9a. Partial Planned Outage Hours	PPOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	144.7			144.7
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	100.0			100.0
10a. Partial Forced Outage Hours	PFOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			0.0
10b. Load Reduction Partial Forced (MW)	LRPF	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			0.0
11a. Partial Maintenance Outage Hours	PMOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			0.0
11b. Load Reduction Partial Maintenance (MW)	LRPM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			0.0
12. Net Summer Continuous Rating (MW)	NSC	749.0	749.0	749.0	749.0	749.0	749.0	749.0	749.0	749.0	749.0			749.0
13. Operating British Thermal Units (GBTU)	OPR BTU	1,104.2	996.0	1,961.8	1,881.0	2,674.8	1,865.7	2,048.2	2,254.5	1,080.0	2,396.8			18,263.2
14. Net Generation (MWH)	NETGEN	145,773.5	132,105.1	262,586.5	253,083.1	360,412.9	252,824.0	282,763.4	311,663.2	156,623.1	339,829.4			2,497,664.2
15. Avg. Net Operating Heat Rate (BTU/KWH)	ANOHR	7,575.0	7,540.0	7,471.0	7,433.0	7,421.0	7,380.0	7,244.0	7,234.0	6,895.0	7,053.0			7,312.1
16. Net Output Factor (%)	NOF	29.9	39.5	45.5	46.9	64.7	46.9	56.3	59.4	58.4	68.8			51.6
17. Net Period Continuous Rating (MW)	NPC	847.0	847.0	847.0	749.0	749.0	749.0	749.0	749.0	749.0	749.0			778.4
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	43.2	-0.1	0.0	18.5	91.6	98.7	99.6	99.8	66.2			61.5
2. Period Hours	PH	744.0	696.0	743.0	720.0	744.0	720.0	744.0	744.0	720.0	744.0			7,318.0
3. Service Hours	SH	271.6	333.9	0.0	0.0	34.1	533.7	744.0	744.0	720.0	4.9			3,386.2
4. Reserve Shutdown Hours	RSH	445.7	0.0	1.0	0.0	103.3	125.9	0.0	0.0	0.0	487.4			1,163.3
5. Unavailable Hours	UH	26.7	395.1	743.0	720.0	606.6	60.5	9.6	3.2	1.3	251.7			2,817.7
6. Planned Outage Hours	POH	26.7	395.1	743.0	720.0	593.6	13.9	0.0	0.0	0.0	0.0			2,492.3
7. Forced Outage Hours	FOH	0.0	0.0	0.0	0.0	0.0	0.0	6.9	3.2	1.3	243.4			254.8
8. Maintenance Outage Hours	MOH	0.0	0.0	0.0	0.0	12.9	46.6	2.7	0.0	0.0	8.3			70.5
9a. Partial Planned Outage Hours	PPOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			0.0
9b. Load Reduction Partial Planned (MW)	LRPP	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			0.0
10a. Partial Forced Outage Hours	PFOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			0.0
10b. Load Reduction Partial Forced (MW)	LRPF	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			0.0
11a. Partial Maintenance Outage Hours	PMOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			0.0
11b. Load Reduction Partial Maintenance (MW)	LRPM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			0.0
12. Net Summer Continuous Rating (MW)	NSC	929.0	929.0	929.0	929.0	929.0	929.0	929.0	929.0	929.0	929.0			929.0
13. Operating British Thermal Units (GBTU)	OPR BTU	625.2	792.5	0.0	0.0	87.0	2,168.4	3,165.7	2,837.3	3,268.0	7.6			12,951.7
14. Net Generation (MWH)	NETGEN	79,318.7	104,465.8	-825.0	-720.0	6,688.0	307,243.0	438,955.5	391,743.9	452,081.9	626.8			1,779,578.6
15. Avg. Net Operating Heat Rate (BTU/KWH)	ANOHR	7,882.0	7,586.0	0.0	0.0	13,002.0	7,058.0	7,212.0	7,243.0	7,229.0	12,203.0			7,278.0
16. Net Output Factor (%)	NOF	27.9	29.9	0.0	0.0	21.1	62.0	59.1	52.7	62.9	12.8			53.0
17. Net Period Continuous Rating (MW)	NPC	1,047.0	1,047.0	1,047.0	929.0	929.0	929.0	999.0	999.0	999.0	999.0			992.4
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	89.6	89.5	81.7	82.3	91.7	100.0	90.3	75.6			90.1
2. Period Hours	PH	744.0	696.0	743.0	720.0	744.0	720.0	744.0	744.0	720.0	744.0			7,318.0
3. Service Hours	SH	744.0	696.0	743.0	711.6	741.0	712.1	744.0	744.0	712.4	667.7			7,215.8
4. Reserve Shutdown Hours	RSH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			0.0
5. Unavailable Hours	UH	0.0	0.0	43.5	64.1	74.6	85.1	40.5	0.2	69.8	181.5			559.3
6. Planned Outage Hours	POH	0.0	0.0	0.0	64.1	74.0	67.0	0.0	0.0	60.4	114.9			380.4
7. Forced Outage Hours	FOH	0.0	0.0	43.5	0.0	0.0	7.5	0.4	0.2	9.3	66.7			127.6
8. Maintenance Outage Hours	MOH	0.0	0.0	0.0	0.0	0.7	10.6	40.1	0.0	0.0	0.0			51.4
9a. Partial Planned Outage Hours	PPOH	0.0	0.0	0.0	49.3	234.7	202.1	0.0	0.0	0.0	0.0			486.1
9b. Load Reduction Partial Planned (MW)	LRPP	0.0	0.0	0.0	250.0	250.0	190.0	0.0	0.0	0.0	0.0			225.1
10a. Partial Forced Outage Hours	PFOH	0.0	0.0	139.2	0.0	34.3	0.0	0.0	0.0	0.0	0.0			173.5
10b. Load Reduction Partial Forced (MW)	LRPF	0.0	0.0	270.0	0.0	170.0	0.0	0.0	0.0	0.0	0.0			250.2
11a. Partial Maintenance Outage Hours	PMOH	0.0	0.0	0.0	0.0	0.0	31.9	117.4	0.0	0.0	0.0			149.3
11b. Load Reduction Partial Maintenance (MW)	LRPM	0.0	0.0	0.0	0.0	0.0	190.0	190.0	0.0	0.0	0.0			190.0
12. Net Summer Continuous Rating (MW)	NSC	1,055.0	1,055.0	1,055.0	1,055.0	1,055.0	1,055.0	1,055.0	1,055.0	1,055.0	1,055.0			1,055.0
13. Operating British Thermal Units (GBTU)	OPR BTU	4,305.0	3,820.9	3,834.5	3,394.5	3,398.7	3,318.6	4,072.6	4,187.9	3,884.3	2,417.1			36,633.9
14. Net Generation (MWH)	NETGEN	677,600.0	595,266.0	596,084.0	510,995.0	524,445.0	507,300.0	639,984.2	663,439.4	561,960.1	271,193.0			5,548,266.7
15. Avg. Net Operating Heat Rate (BTU/KWH)	ANOHR	6,353.0	6,419.0	6,433.0	6,643.0	6,481.0	6,542.0	6,364.0	6,312.0	6,912.0	8,913.0			6,602.8
16. Net Output Factor (%)	NOF	81.4	76.4	71.7	68.1	67.1	67.5	81.5	84.5	74.8	38.5			71.6
17. Net Period Continuous Rating (MW)	NPC	1,119.0	1,119.0	1,119.0	1,055.0	1,055.0	1,055.0	1,055.0	1,055.0	1,055.0	1,055.0			1,074.2
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	98.2	78.9	99.1	87.1	99.9	87.2	98.7	99.0	99.3			94.3
2. Period Hours	PH	744.0	696.0	743.0	720.0	744.0	720.0	744.0	744.0	720.0	744.0			7,318.0
3. Service Hours	SH	744.0	671.4	743.0	720.0	652.3	720.0	744.0	744.0	713.6	744.0			7,196.3
4. Reserve Shutdown Hours	RSH	0.0	21.0	0.0	0.0	0.0	0.0	0.0	0.0	3.6	0.0			24.6
5. Unavailable Hours	UH	10.7	3.6	81.7	3.5	94.9	0.0	51.6	5.2	2.8	0.6			254.6
6. Planned Outage Hours	POH	0.0	0.2	75.8	0.0	0.0	0.0	39.6	0.0	0.0	0.0			115.6
7. Forced Outage Hours	FOH	0.4	0.0	3.3	0.0	94.9	0.0	11.9	4.3	2.8	0.6			118.2
8. Maintenance Outage Hours	MOH	10.3	3.4	2.6	3.5	0.0	0.0	0.0	0.8	0.0	0.0			20.6
9a. Partial Planned Outage Hours	PPOH	0.0	23.7	506.5	24.5	0.0	0.0	280.4	5.9	36.3	23.4			900.7
9b. Load Reduction Partial Planned (MW)	LRPP	0.0	120.0	172.7	119.7	0.0	0.0	119.8	119.9	119.8	119.8			149.6
10a. Partial Forced Outage Hours	PFOH	81.1	62.8	23.6	0.0	6.8	20.8	70.6	32.3	1.0	18.6			317.6
10b. Load Reduction Partial Forced (MW)	LRPF	32.8	120.0	115.6	0.0	119.8	29.9	180.8	128.9	118.8	119.8			105.9
11a. Partial Maintenance Outage Hours	PMOH	68.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			68.7
11b. Load Reduction Partial Maintenance (MW)	LRPM	120.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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			1,061.0
13. Operating British Thermal Units (GBTU)	OPR BTU	3,277.9	2,608.7	2,970.0	3,294.0	3,209.9	3,514.9	3,606.5	4,036.3	3,988.5	4,116.3			34,623.0
14. Net Generation (MWH)	NETGEN	466,423.0	364,118.0	414,206.0	455,131.0	411,516.0	487,900.0	505,415.1	566,859.0	549,409.0	577,289.0			4,798,266.1
15. Avg. Net Operating Heat Rate (BTU/KWH)	ANOHR	7,028.0	7,164.0	7,170.0	7,238.0	7,800.0	7,204.0	7,133.0	7,120.0	7,260.0	7,130.0			7,215.7
16. Net Output Factor (%)	NOF	52.2	45.2	46.5	59.6	59.5	63.9	64.0	71.8	72.6	73.1			60.5
17. Net Period Continuous Rating (MW)	NPC	1,200.0	1,200.0	1,200.0	1,061.0	1,061.0	1,061.0	1,061.0	1,061.0	1,061.0	1,061.0			1,102.7
18. Avg. Net Operating Heat Rate Equation		ANOHR = NOF (-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
 October 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)	103	Reserve Shutdown	10/8/2024	2:07:00	10/11/2024	16:05:00	85.97		Reserve Shutdown for Hurricane Milton			168
BS CT1(A)	104	Reserve Shutdown	10/29/2024	3:33:00	10/29/2024	14:23:00	10.83		Reserve Shutdown			168

Tampa Electric Company
Outage Listing
October 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)	112	Planned Outage	10/1/2024	0:00:00	10/1/2024	17:21:00	17.35	0530	Other main steam system problems	Unit 1 MS NDE (nondestructive inspections)Note: The main item that was don-	168	168
BS CT1(B)	113	Reserve Shutdown	10/1/2024	17:21:00	10/1/2024	20:11:00	2.83			Reserve Shutdown	168	168
BS CT1(B)	114	Reserve Shutdown	10/8/2024	0:49:00	10/11/2024	6:17:00	77.47			Reserve Shutdown Hurricane Milton	168	168
BS CT1(B)	115	Maintenance Out:	10/11/2024	17:35:00	10/12/2024	16:15:00	22.67	9035	Hurricane	Substation pole top damage due to Hurricane Milton	168	168
BS CT1(B)	116	Reserve Shutdown	10/12/2024	16:15:00	10/12/2024	18:56:00	2.68				168	168
BS CT1(B)	117	Reserve Shutdown	10/15/2024	1:26:00	10/15/2024	11:07:00	9.68			Reserve Shutdown	168	168
BS CT1(B)	118	Reserve Shutdown	10/16/2024	23:11:00	10/17/2024	16:19:00	17.13			Reserve Shutdown	168	168
BS CT1(B)	119	Reserve Shutdown	10/20/2024	1:56:00	10/20/2024	8:44:00	6.8			Reserve Shutdown	168	168
BS CT1(B)	120	Reserve Shutdown	10/28/2024	1:56:00	10/29/2024	2:49:00	24.88			Reserve Shutdown	168	168
BS CT1(B)	121	Reserve Shutdown	10/30/2024	21:40:00	10/31/2024	4:26:00	6.77			Reserve Shutdown	168	168

Tampa Electric Company
 Outage Listing
 October 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)	106	Reserve Shutdown	10/7/2024	11:23:00	10/11/2024	17:35:00	102.2			Reserve Shutdown		168
BS CT1(C)	107	Maintenance Outage	10/11/2024	17:35:00	10/12/2024	16:15:00	22.67	9035	Hurricane	Substation pole top damage due to Hurricane Milton		168
BS CT1(C)	108	Reserve Shutdown	10/12/2024	16:15:00	10/13/2024	12:22:00	20.12					168
BS CT1(C)	109	Reserve Shutdown	10/17/2024	11:06:00	10/17/2024	17:29:00	6.38			Reserve Shutdown		168
BS CT1(C)	110	Reserve Shutdown	10/18/2024	0:14:00	10/19/2024	16:42:00	40.47			Reserve Shutdown		168
BS CT1(C)	111	Reserve Shutdown	10/27/2024	21:30:00	10/28/2024	16:11:00	18.68			Reserve Shutdown		168

7



Tampa Electric Company
Outage Listing
October 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	11	Reserve Shutdown	10/8/2024	1:58:00	10/11/2024	9:56:00	79.97			Reserve Shutdown Hurricane Milton		245
BS ST 1	12	Unplanned (Forced) Outage - Immediate	10/11/2024	10:12:00	10/11/2024	14:44:00	4.53	9035	Hurricane	Start up after Hurricane Milton high vibration		245
BS ST 1	13	Planned Derating	10/23/2024	0:35:00	10/26/2024	17:34:00	88.98	9035	Hurricane	Debris from Hurricane Milton in screen well to circulating pumps. Need to dredge	145	245
BS ST 1	14	Planned Derating	10/28/2024	6:43:00	10/29/2024	18:30:00	35.78	9035	Hurricane	Debris from Hurricane Milton in screen well to circulating pumps. Need to dredge	145	245
BS ST 1	15	Planned Derating	10/30/2024	6:15:00	10/30/2024	16:09:00	9.9	9035	Hurricane	Debris from Hurricane Milton in screen well to circulating pumps. Need to dredge	145	245
BS ST 1	16	Planned Derating	10/31/2024	6:04:00	10/31/2024	16:05:00	10.02	9035	Hurricane	Debris from Hurricane Milton in screen well to circulating pumps. Need to dredge	145	245

Tampa Electric Company
Outage Listing
October 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)	54	Reserve Shutdown	10/1/2024	1:34:00	10/31/2024	23:59:00	742.43		Reserve Shutdown			168

Tampa Electric Company
Outage Listing
October 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)	63	Reserve Shutdown	10/1/2024	2:17:00	10/31/2024	23:59:00	741.72			Reserve Shutdown		168

Tampa Electric Company
Outage Listing
October 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)	73	Reserve Shutdown	10/1/2024	1:12:00	10/1/2024	12:14:00	11.03			Reserve Shutdown		168
BS CT2(C)	74	Reserve Shutdown	10/1/2024	13:26:00	10/14/2024	16:30:00	315.07			Reserve Shutdown		168
BS CT2(C)	75	Maintenance Outage	10/14/2024	16:30:00	10/15/2024	17:11:00	24.68	9035	Hurricane	Hurricane Milton damaged pole tops at substation		168
BS CT2(C)	76	Reserve Shutdown	10/15/2024	17:11:00	10/31/2024	23:59:00	390.82					168

Tampa Electric Company
 Outage Listing
 October 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)	81	Reserve Shutdown	10/1/2024	0:36:00	10/1/2024	5:26:00	4.83			Reserve Shutdown		168
BS CT2(D)	82	Reserve Shutdown	10/1/2024	9:44:00	10/14/2024	16:30:00	318.77			Reserve Shutdown		168
BS CT2(D)	83	Maintenance Outa	10/14/2024	16:30:00	10/15/2024	17:11:00	24.68	9035	Hurricane	Hurricane Milton damaged pole tops at substation		168
BS CT2(D)	84	Reserve Shutdown	10/15/2024	17:11:00	10/31/2024	23:59:00	390.82					168

Tampa Electric Company
Outage Listing
October 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	12	Unplanned (Forced) O	10/1/2024	0:32:00	10/31/2024	23:59:00	743.47	4012	Buckets or blades	Unit 2 ST tripped on high vibration due to HP turbine failure		327

Tampa Electric Company
Outage Listing
October 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
BB CT5	11	Unplanned (Forced) Outage - Immediat	10/9/2024	22:17:00	10/12/2024	14:16:00	63.98	9035	Hurricane	Hurricane Milton.		360
BB CT5	12	Planned Outage	10/19/2024	0:31:00	10/27/2024	2:00:00	193.48	5080	High pressure shaft	GE Warranty Inspection. Rotor and bucket inspection is required by GE every 4000 hour		360
BB CT5	13	Reserve Shutdown	10/27/2024	2:00:00	10/27/2024	14:03:00	12.05			Reserve Shutdown		360
BB CT5	14	Unplanned (Forced) Outage - Immediat	10/29/2024	10:53:00	10/31/2024	23:59:00	61.12	4730	Generator current and potential transformers	41DC breaker failed to disengage during an under-excitation event, causing an Exciter		360

Tampa Electric Company
Outage Listing
October 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
BB CT6	14	Unplanned (Forced) Outage - Immediat	10/9/2024	21:37:00	10/12/2024	14:53:00	65.27	9035	Hurricane	Hurricane Milton		360
BB CT6	15	Reserve Shutdown	10/20/2024	11:00:00	10/20/2024	11:29:00	0.48			Reserve Shutdown		360
BB CT6	16	Unplanned (Forced) Outage - Immediat	10/23/2024	8:58:00	10/23/2024	9:27:00	0.48	8240	Bypass dampers	Shutdown to purge from Simple Cycle to Combined Cycle.		360
BB CT6	17	Planned Outage	10/29/2024	2:42:00	10/29/2024	12:48:00	10.1	5272	Boroscope inspection	4000 hour borescope inspection.		360

Tampa Electric Company
 Outage Listing
 October 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
BIG BEND ST1	12	Planned Outage	10/1/2024	0:00:00	10/6/2024	23:00:00	143.4261	Control valves		Planned Outage to inspect Main Steam Control Valve internals (GE).		335
BIG BEND ST1	13	Reserve Shutdown	10/6/2024	23:00:00	10/23/2024	12:19:00	397.32			Reserve Shutdown		335
BIG BEND ST1	14	Reserve Shutdown	10/29/2024	11:13:00	10/29/2024	16:02:00	4.82			Reserve Shutdown		335

Tampa Electric Company
Outage Listing
 October 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	106	Reserve Shutdown	10/9/2024	21:35:00	10/11/2024	12:21:00	38.77		Reserve Shutdown			150
Polk 2	107	Reserve Shutdown	10/17/2024	23:21:00	10/18/2024	13:56:00	14.58		Reserve Shutdown			150

Tampa Electric Company
Outage Listing
October 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	48	Unplanned (Forced) Derating - Immediate	10/9/2024	13:10:00	10/9/2024	17:10:00	4:39:59	3999	Other miscellaneous balance of plant problem. CT5 exciter trip derates steam turbine.		341.25	461
Polk 2 ST	49	Planned Derating	10/15/2024	1:10:00	10/16/2024	0:34:00	23:4:39:59	3999	Other miscellaneous balance of plant problem. HRSG3 outage to address hot reheat collection header insulation torn off by Hurricane		341.25	461
Polk 2 ST	50	Unplanned (Forced) Derating - Immediate	10/22/2024	22:31:00	10/23/2024	13:04:00	14:55:39:59	3999	Other miscellaneous balance of plant problem. HRSG4 boiler feed pump tripped off due to leak detected. The DCS digital input card "b		341.25	461

Tampa Electric Company
 Outage Listing
 October 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	38	Reserve Shutdown	10/15/2024	1:10:00	10/15/2024	15:23:00	14.22			Reserve Shutdown		150
Polk 3	39	Reserve Shutdown	10/15/2024	23:32:00	10/16/2024	0:34:00	1.03			Reserve Shutdown		150

Tampa Electric Company
Outage Listing
October 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	70	Reserve Shutdown	10/13/2024	0:02:00	10/14/2024	13:10:00	37.13			Reserve Shutdown		150
Polk 4	71	Reserve Shutdown	10/16/2024	2:03:00	10/17/2024	17:49:00	39.77			Reserve Shutdown		150
Polk 4	72	Reserve Shutdown	10/23/2024	13:04:00	10/23/2024	13:53:00	0.82			Reserve Shutdown		150
Polk 4	73	Reserve Shutdown	10/26/2024	2:23:00	10/26/2024	15:39:00	13.27			Reserve Shutdown		150

Tampa Electric Company
Outage Listing
October 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	99	Unplanned (Forced) Outage - Immediat	10/9/2024	13:10:00	10/9/2024	17:10:00	4.4750	4750	Other generator controls and metering problems	During normal operation, exciter breaker tripped. This also tripped the generator brea		150
Polk 5	100	Reserve Shutdown	10/9/2024	17:16:00	10/10/2024	15:33:00	22.28			Reserve Shutdown		150
Polk 5	101	Reserve Shutdown	10/26/2024	22:38:00	10/27/2024	14:13:00	15.58			Reserve Shutdown		150

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	97.2	100.0	99.2	99.3	90.3	95.1	47.8	95.3	99.7		92.6
2. Period Hours	PH	744.0	696.0	743.0	720.0	744.0	720.0	744.0	744.0	720.0	744.0	721.0		8,039.0
3. Service Hours	SH	574.9	394.6	682.0	720.0	744.0	720.0	671.1	700.0	358.1	659.5	721.0		6,945.2
4. Reserve Shutdown Hours	RSH	129.6	296.8	41.4	0.0	0.0	0.0	0.9	7.7	0.0	69.0	0.0		545.4
5. Unavailable Hours	UH	39.5	4.6	20.6	0.0	5.8	5.4	72.0	36.3	376.1	15.5	2.1		577.9
6. Planned Outage Hours	POH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	367.9	3.9	0.0		371.8
7. Forced Outage Hours	FOH	0.7	0.1	17.2	0.0	5.8	5.4	0.0	23.9	8.2	1.5	0.0		62.8
8. Maintenance Outage Hours	MOH	38.9	4.6	3.5	0.0	0.0	0.0	72.0	12.4	0.0	10.2	2.1		143.7
9a. Partial Planned Outage Hours	PPOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	144.7	0.0		144.7
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	100.0	0.0		100.0
10a. Partial Forced Outage Hours	PFOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
10b. Load Reduction Partial Forced (MW)	LRPF	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
11a. Partial Maintenance Outage Hours	PMOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
11b. Load Reduction Partial Maintenance (MW)	LRPM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
12. Net Summer Continuous Rating (MW)	NSC	749.0	749.0	749.0	749.0	749.0	749.0	749.0	749.0	749.0	749.0	749.0		749.0
13. Operating British Thermal Units (GBTU)	OPR BTU	1,104.2	996.0	1,961.8	1,881.0	2,674.8	1,865.7	2,048.2	2,254.5	1,080.0	2,396.8	2,726.8		20,990.0
14. Net Generation (MWH)	NETGEN	145,773.5	132,105.1	262,586.5	253,083.1	360,412.9	252,824.0	282,763.4	311,663.2	156,623.1	339,829.4	382,700.1		2,880,364.3
15. Avg. Net Operating Heat Rate (BTU/KWH)	ANOHR	7,575.0	7,540.0	7,471.0	7,433.0	7,421.0	7,380.0	7,244.0	7,234.0	6,895.0	7,053.0	7,125.0		7,287.3
16. Net Output Factor (%)	NOF	29.9	39.5	45.5	46.9	64.7	46.9	56.3	59.4	58.4	68.8	70.9		53.5
17. Net Period Continuous Rating (MW)	NPC	847.0	847.0	847.0	749.0	749.0	749.0	749.0	749.0	749.0	749.0	749.0		775.7
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	43.2	-0.1	0.0	18.5	91.6	98.7	99.6	99.8	66.2	5.6		56.5
2. Period Hours	PH	744.0	696.0	743.0	720.0	744.0	720.0	744.0	744.0	720.0	744.0	721.0		8,039.0
3. Service Hours	SH	271.6	333.9	0.0	0.0	34.1	533.7	744.0	744.0	720.0	4.9	0.0		3,386.2
4. Reserve Shutdown Hours	RSH	445.7	0.0	1.0	0.0	103.3	125.9	0.0	0.0	0.0	487.4	39.3		1,202.6
5. Unavailable Hours	UH	26.7	395.1	743.0	720.0	606.6	60.5	9.6	3.2	1.3	251.7	680.8		3,498.5
6. Planned Outage Hours	POH	26.7	395.1	743.0	720.0	593.6	13.9	0.0	0.0	0.0	0.0	158.5		2,650.8
7. Forced Outage Hours	FOH	0.0	0.0	0.0	0.0	0.0	0.0	6.9	3.2	1.3	243.4	236.0		490.8
8. Maintenance Outage Hours	MOH	0.0	0.0	0.0	0.0	12.9	46.6	2.7	0.0	0.0	8.3	286.2		356.7
9a. Partial Planned Outage Hours	PPOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
9b. Load Reduction Partial Planned (MW)	LRPP	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
10a. Partial Forced Outage Hours	PFOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
10b. Load Reduction Partial Forced (MW)	LRPF	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
11a. Partial Maintenance Outage Hours	PMOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
11b. Load Reduction Partial Maintenance (MW)	LRPM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
12. Net Summer Continuous Rating (MW)	NSC	929.0	929.0	929.0	929.0	929.0	929.0	929.0	929.0	929.0	929.0	929.0		929.0
13. Operating British Thermal Units (GBTU)	OPR BTU	625.2	792.5	0.0	0.0	87.0	2,168.4	3,165.7	2,837.3	3,268.0	7.6	0.0		12,951.7
14. Net Generation (MWH)	NETGEN	79,318.7	104,465.8	-825.0	-720.0	6,688.0	307,243.0	438,955.5	391,743.9	452,081.9	626.8	-47.2		1,779,531.4
15. Avg. Net Operating Heat Rate (BTU/KWH)	ANOHR	7,882.0	7,586.0	0.0	0.0	13,002.0	7,058.0	7,212.0	7,243.0	7,229.0	12,203.0	0.0		7,278.2
16. Net Output Factor (%)	NOF	27.9	29.9	0.0	0.0	21.1	62.0	59.1	52.7	62.9	12.8	0.0		52.9
17. Net Period Continuous Rating (MW)	NPC	1,047.0	1,047.0	1,047.0	929.0	929.0	929.0	999.0	999.0	999.0	999.0	999.0		993.0
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	89.6	89.5	81.7	82.3	91.7	100.0	90.3	75.6	83.6		89.5
2. Period Hours	PH	744.0	696.0	743.0	720.0	744.0	720.0	744.0	744.0	720.0	744.0	721.0		8,039.0
3. Service Hours	SH	744.0	696.0	743.0	711.6	741.0	712.1	744.0	744.0	712.4	667.7	715.2		7,931.0
4. Reserve Shutdown Hours	RSH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
5. Unavailable Hours	UH	0.0	0.0	43.5	64.1	74.6	85.1	40.5	0.2	69.8	181.5	118.5		677.8
6. Planned Outage Hours	POH	0.0	0.0	0.0	64.1	74.0	67.0	0.0	0.0	60.4	114.9	0.0		380.4
7. Forced Outage Hours	FOH	0.0	0.0	43.5	0.0	0.0	7.5	0.4	0.2	9.3	66.7	118.5		246.1
8. Maintenance Outage Hours	MOH	0.0	0.0	0.0	0.0	0.7	10.6	40.1	0.0	0.0	0.0	0.0		51.4
9a. Partial Planned Outage Hours	PPOH	0.0	0.0	0.0	49.3	234.7	202.1	0.0	0.0	0.0	0.0	0.0		486.1
9b. Load Reduction Partial Planned (MW)	LRPP	0.0	0.0	0.0	250.0	250.0	190.0	0.0	0.0	0.0	0.0	0.0		225.1
10a. Partial Forced Outage Hours	PFOH	0.0	0.0	139.2	0.0	34.3	0.0	0.0	0.0	0.0	0.0	0.0		173.5
10b. Load Reduction Partial Forced (MW)	LRPF	0.0	0.0	270.0	0.0	170.0	0.0	0.0	0.0	0.0	0.0	0.0		250.2
11a. Partial Maintenance Outage Hours	PMOH	0.0	0.0	0.0	0.0	0.0	31.9	117.4	0.0	0.0	0.0	0.0		149.3
11b. Load Reduction Partial Maintenance (MW)	LRPM	0.0	0.0	0.0	0.0	0.0	190.0	190.0	0.0	0.0	0.0	0.0		190.0
12. Net Summer Continuous Rating (MW)	NSC	1,055.0	1,055.0	1,055.0	1,055.0	1,055.0	1,055.0	1,055.0	1,055.0	1,055.0	1,055.0	1,055.0		1,055.0
13. Operating British Thermal Units (GBTU)	OPR BTU	4,305.0	3,820.9	3,834.5	3,394.5	3,398.7	3,318.6	4,072.6	4,187.9	3,884.3	2,417.1	3,067.7		39,701.7
14. Net Generation (MWH)	NETGEN	677,600.0	595,266.0	596,084.0	510,995.0	524,445.0	507,300.0	639,984.2	663,439.4	561,960.1	271,193.0	452,481.0		6,000,747.7
15. Avg. Net Operating Heat Rate (BTU/KWH)	ANOHR	6,353.0	6,419.0	6,433.0	6,643.0	6,481.0	6,542.0	6,364.0	6,312.0	6,912.0	8,913.0	6,780.0		6,616.1
16. Net Output Factor (%)	NOF	81.4	76.4	71.7	68.1	67.1	67.5	81.5	84.5	74.8	38.5	60.0		70.6
17. Net Period Continuous Rating (MW)	NPC	1,119.0	1,119.0	1,119.0	1,055.0	1,055.0	1,055.0	1,055.0	1,055.0	1,055.0	1,055.0	1,055.0		1,072.5
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	98.2	78.9	99.1	87.1	99.9	87.2	98.7	99.0	99.3	83.3		93.4
2. Period Hours	PH	744.0	696.0	743.0	720.0	744.0	720.0	744.0	744.0	720.0	744.0	721.0		8,039.0
3. Service Hours	SH	744.0	671.4	743.0	720.0	652.3	720.0	744.0	744.0	713.6	744.0	685.4		7,881.7
4. Reserve Shutdown Hours	RSH	0.0	21.0	0.0	0.0	0.0	0.0	0.0	0.0	3.6	0.0	0.0		24.6
5. Unavailable Hours	UH	10.7	3.6	81.7	3.5	94.9	0.0	51.6	5.2	2.8	0.6	76.1		330.7
6. Planned Outage Hours	POH	0.0	0.2	75.8	0.0	0.0	0.0	39.6	0.0	0.0	0.0	69.8		185.4
7. Forced Outage Hours	FOH	0.4	0.0	3.3	0.0	94.9	0.0	11.9	4.3	2.8	0.6	1.5		119.7
8. Maintenance Outage Hours	MOH	10.3	3.4	2.6	3.5	0.0	0.0	0.0	0.8	0.0	0.0	4.8		25.4
9a. Partial Planned Outage Hours	PPOH	0.0	23.7	506.5	24.5	0.0	0.0	280.4	5.9	36.3	23.4	348.7		1,249.4
9b. Load Reduction Partial Planned (MW)	LRPP	0.0	120.0	172.7	119.7	0.0	0.0	119.8	119.9	119.8	119.8	131.3		144.5
10a. Partial Forced Outage Hours	PFOH	81.1	62.8	23.6	0.0	6.8	20.8	70.6	32.3	1.0	18.6	10.5		328.1
10b. Load Reduction Partial Forced (MW)	LRPF	32.8	120.0	115.6	0.0	119.8	29.9	180.8	128.9	118.8	119.8	119.8		106.4
11a. Partial Maintenance Outage Hours	PMOH	68.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		68.7
11b. Load Reduction Partial Maintenance (MW)	LRPM	120.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	1,061.0		1,061.0
13. Operating British Thermal Units (GBTU)	OPR BTU	3,277.9	2,608.7	2,970.0	3,294.0	3,209.9	3,514.9	3,606.5	4,036.3	3,988.5	4,116.3	3,043.7		37,666.7
14. Net Generation (MWH)	NETGEN	466,423.0	364,118.0	414,206.0	455,131.0	411,516.0	487,900.0	505,415.1	566,859.0	549,409.0	577,289.0	422,240.0		5,220,506.1
15. Avg. Net Operating Heat Rate (BTU/KWH)	ANOHR	7,028.0	7,164.0	7,170.0	7,238.0	7,800.0	7,204.0	7,133.0	7,120.0	7,260.0	7,130.0	7,208.0		7,215.2
16. Net Output Factor (%)	NOF	52.2	45.2	46.5	59.6	59.5	63.9	64.0	71.8	72.6	73.1	58.1		60.3
17. Net Period Continuous Rating (MW)	NPC	1,200.0	1,200.0	1,200.0	1,061.0	1,061.0	1,061.0	1,061.0	1,061.0	1,061.0	1,061.0	1,061.0		1,098.9
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
 November 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)	207	Reserve Shutdown	11/21/2024	0:51:00	11/21/2024	5:45:00	4.9			Reserve Shutdown	168	168
BS CT1(A)	208	Maintenance Outage	11/21/2024	5:45:00	11/21/2024	15:13:00	9.47	1700	Feedwater controls (report local controls - feedwater pump, feedwater regulator valve, etc., - with component or system)	Unit 1A MOV repair	168	168
BS CT1(A)	209	Reserve Shutdown	11/21/2024	15:13:00	11/21/2024	16:05:00	0.87				168	168
BS CT1(A)	210	Reserve Shutdown	11/25/2024	8:37:00	11/26/2024	16:08:00	31.52			Reserve Shutdown	168	168
BS CT1(A)	211	Reserve Shutdown	11/28/2024	1:47:00	11/28/2024	12:00:00	10.22				168	168

Tampa Electric Company
 Outage Listing
 November 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)	347	Reserve Shutdown	11/6/2024	14:18:00	11/6/2024	16:02:00	1.73			Reserve Shutdown		168
BS CT1(B)	348	Reserve Shutdown	11/14/2024	0:23:00	11/14/2024	1:04:00	0.68			Reserve Shutdown		168
BS CT1(B)	349	Reserve Shutdown	11/16/2024	7:52:00	11/16/2024	15:09:00	7.28			Reserve Shutdown		168
BS CT1(B)	350	Reserve Shutdown	11/18/2024	23:56:00	11/19/2024	16:17:00	16.35			Reserve Shutdown		168
BS CT1(B)	351	Reserve Shutdown	11/23/2024	10:01:00	11/24/2024	15:33:00	29.53			Reserve Shutdown		168
BS CT1(B)	352	Reserve Shutdown	11/26/2024	8:49:00	11/27/2024	13:57:00	29.13					168

Tampa Electric Company
 Outage Listing
 November 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)	217	Reserve Shutdown	11/13/2024	2:26:00	11/14/2024	14:56:00	36.5			Reserve Shutdown		168
BS CT1(C)	218	Reserve Shutdown	11/16/2024	9:21:00	11/16/2024	16:49:00	7.47					168
BS CT1(C)	219	Reserve Shutdown	11/20/2024	1:31:00	11/20/2024	13:29:00	11.97			Reserve Shutdown		168
BS CT1(C)	220	Reserve Shutdown	11/22/2024	10:23:00	11/23/2024	15:25:00	29.03			Reserve Shutdown		168
BS CT1(C)	221	Reserve Shutdown	11/27/2024	8:32:00	11/27/2024	16:22:00	7.83			Reserve Shutdown		168
BS CT1(C)	222	Reserve Shutdown	11/28/2024	7:48:00	11/28/2024	15:55:00	8.12			Reserve Shutdown		168

7

Tampa Electric Company
Outage Listing
November 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

Tampa Electric Company
 Outage Listing
 November 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)	108	Reserve Shutdown	11/1/2024	0:00:00	11/3/2024	10:50:00	59.83			Reserve Shutdown		168
BS CT2(A)	109	Maintenance Outage	11/3/2024	10:50:00	11/8/2024	4:20:00	113.5	3999	Other miscellaneous balance of plant problems	Inspecting steam headers as part of ST2 HP turbine failure		168
BS CT2(A)	110	Planned Outage	11/8/2024	4:20:00	11/18/2024	0:00:00	235.67	5274	General unit inspection	Unit 2 Fall outage HRSG repair work		168
BS CT2(A)	111	Maintenance Outage	11/18/2024	0:00:00	11/30/2024	23:59:00	312	3999	Other miscellaneous balance of plant problems	Inspecting steam headers as part of ST2 HP turbine failure		168

Tampa Electric Company
 Outage Listing
 November 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)	126	Reserve Shutdown	11/1/2024	0:00:00	11/3/2024	10:50:00	59.83			Reserve Shutdown		168
BS CT2(B)	127	Maintenance Outage	11/3/2024	10:50:00	11/8/2024	4:20:00	113.5	3999	Other miscellaneous balance of plant problems	Inspecting steam headers as part of ST2 HP turbine failure		168
BS CT2(B)	128	Planned Outage	11/8/2024	4:20:00	11/18/2024	0:00:00	235.67	5274	General unit inspection	Unit 2 Fall outage HRSG repair work		168
BS CT2(B)	129	Maintenance Outage	11/18/2024	0:00:00	11/30/2024	23:59:00	312	3999	Other miscellaneous balance of plant problems	Inspecting steam headers as part of ST2 HP turbine failure		168

Tampa Electric Company
 Outage Listing
 November 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)	149	Reserve Shutdown	11/1/2024	0:00:00	11/3/2024	10:50:00	59.83					168
BS CT2(C)	150	Maintenance Outage	11/3/2024	10:50:00	11/8/2024	4:20:00	113.5	3999	Other miscellaneous balance of plant problems	Inspecting steam headers as part of ST2 HP turbine failure		168
BS CT2(C)	151	Planned Outage	11/8/2024	4:20:00	11/18/2024	0:00:00	235.67	5274	General unit inspection	Unit 2 Fall outage HRSG repair work		168
BS CT2(C)	152	Maintenance Outage	11/18/2024	0:00:00	11/30/2024	23:59:00	312	3999	Other miscellaneous balance of plant problems	Inspecting steam headers as part of ST2 HP turbine failure		168

Tampa Electric Company
 Outage Listing
 November 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)	165	Reserve Shutdown	11/1/2024	0:00:00	11/3/2024	10:50:00	59.83					168
BS CT2(D)	166	Maintenance Outage	11/3/2024	10:50:00	11/8/2024	4:20:00	113.5	3999	Other miscellaneous balance of plant problems	Inspecting steam headers as part of ST2 HP turbine failure		168
BS CT2(D)	167	Planned Outage	11/8/2024	4:20:00	11/18/2024	0:00:00	235.67	5274	General unit inspection	Unit 2 Fall outage HRSG repair work		168
BS CT2(D)	168	Maintenance Outage	11/18/2024	0:00:00	11/30/2024	23:59:00	312	3999	Other miscellaneous balance of plant problems	Inspecting steam headers as part of ST2 HP turbine failure		168

Tampa Electric Company
Outage Listing
November 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	36	Unplanned (Forced) Outage - Immediate	11/1/2024	0:00:00	11/30/2024	23:59:00	721 4012	Buckets or blades	Unit 2 ST tripped on high vibration due to HP turbine failure. Note: Turbine had a fai			327

Tampa Electric Company
Outage Listing
November 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
BB CT5	26	Unplanned (Forced) Outage - Immediate	11/11/2024	0:00:00	11/11/2024	16:55:00	257.92	4730	Generator current and potential transformers	41DC breaker failed to disengage during an under-excitation event, causing an Exciter Reserve Shutdown	360	360
BB CT5	27	Reserve Shutdown	11/12/2024	0:39:00	11/12/2024	1:20:00	0.68				360	360
BB CT5	28	Unplanned (Forced) Outage - Immediate	11/12/2024	1:46:00	11/12/2024	11:11:00	9.42	0800	Drums and drum internals (single drum only)	Operator missed the HP drum level going high while attempting to merge.	360	360
BB CT5	29	Reserve Shutdown	11/17/2024	9:25:00	11/17/2024	9:56:00	0.52			Reserve Shutdown	360	360
BB CT5	30	Unplanned (Forced) Outage - Immediate	11/28/2024	21:38:00	11/29/2024	8:26:00	10.8	3641	AC Circuit breakers	Operator opened the wrong breaker while testing the SDG, causing multiple electric fai	360	360

Tampa Electric Company
Outage Listing
November 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
BB CT6	31	Reserve Shutdown	11/18/2024	8:28:00	11/18/2024	9:35:00	1.12			Reserve Shutdown		360
BB CT6	32	Unplanned (Forced) Outage - Immediate	11/25/2024	2:55:00	11/25/2024	7:37:00	4.7	4700	Generator voltage control	Unit taken down to replace faulted relay.		360

Tampa Electric Company
 Outage Listing
 November 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
BIG BEND ST1	27	Unplanned (Forced) Outage - Immediate	11/14/2024	15:39:00	11/17/2024	12:48:00	69.15	4730	Generator current and potential transformers	Faulty wiring on a CT caused a trip on the generator protection relay.		335
BIG BEND ST1	28	Reserve Shutdown	11/17/2024	12:48:00	11/17/2024	12:49:00	0.02			Reserve Shutdown		335

Tampa Electric Company
 Outage Listing
 November 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	317	Unplanned (Forced) Outage - Immediate	11/9/2024	2:53:00	11/9/2024	3:03:00	0:17	5041	Fuel piping and valves	While swapping to liquid fuel, CT tripped on high exhaust spreads just after completion	150	150
Polk 2	318	Reserve Shutdown	11/9/2024	3:03:00	11/9/2024	14:12:00	11:15			Reserve Shutdown	150	150
Polk 2	319	Maintenance Outage	11/21/2024	0:21:00	11/22/2024	9:58:00	33:62	5049	Other fuel system problems	Maintenance outage for repair of liquid fuel system components, most importantly can 1	150	150
Polk 2	320	Reserve Shutdown	11/22/2024	9:58:00	11/22/2024	15:36:00	5:63				150	150
Polk 2	321	Reserve Shutdown	11/25/2024	8:53:00	11/25/2024	17:01:00	8:13			Reserve Shutdown	150	150
Polk 2	322	Reserve Shutdown	11/29/2024	11:11:00	11/30/2024	17:36:00	30:42			Reserve Shutdown	150	150

Tampa Electric Company
 Outage Listing
 November 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
Po k 2 ST	98	Planned Derating	11/12/2024	21:41:00	11/26/2024	18:23:00	332.7	3999	Other miscellaneous balance of plant problems	CT4 planned outage derates steam turbine.	341.25	461
Po k 2 ST	99	Unplanned (Forced) Derating - Immediate	11/16/2024	15:54:00	11/17/2024	2:22:00	10.47	3999	Other miscellaneous balance of plant problems	CT5 failure to start derates steam turbine.	341.25	461
Po k 2 ST	100	Planned Derating	11/21/2024	0:21:00	11/22/2024	9:58:00	33.62	3999	Other miscellaneous balance of plant problems	CT2 maintenance outage derates steam turbine.	341.25	461
Po k 2 ST	101	Planned Derating	11/28/2024	20:24:00	11/29/2024	12:21:00	15.95	3999	Other miscellaneous balance of plant problems	CT3 planned outage derates steam turbine.	341.25	461
Po k 2 ST	102	Planned Outage	11/29/2024	12:21:00	11/30/2024	23:59:00	35.65			Planned outage with major scopes being upgrading DCS virtual machine host management s		461

Tampa Electric Company
 Outage Listing
 November 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	115	Reserve Shutdown	11/4/2024	7:02:00	11/4/2024	13:36:00	6.57			Reserve Shutdown		150
Polk 3	116	Reserve Shutdown	11/19/2024	1:12:00	11/19/2024	13:36:00	12.4			Reserve Shutdown		150
Polk 3	117	Reserve Shutdown	11/28/2024	1:29:00	11/28/2024	14:32:00	13.05			Reserve Shutdown		150
Polk 3	118	Planned Outage	11/28/2024	20:24:00	11/30/2024	23:59:00	51.6	8720	NOx analyzer problems	Driver behind planned outage is to upgrade CEMS hardware and software due to end of li		150

Tampa Electric Company
 Outage Listing
 November 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	213	Reserve Shutdown	11/5/2024	3:43:00	11/5/2024	14:06:00	10.38			Reserve Shutdown		150
Polk 4	214	Planned Outage	11/12/2024	21:41:00	11/26/2024	18:23:00	332.7	8720	NOx analyzer problems	Driver behind planned outage is to upgrade CEMS hardware and software due to end of li		150
Polk 4	215	Reserve Shutdown	11/26/2024	18:23:00	11/29/2024	16:55:00	70.53			Reserve Shutdown		150
Polk 4	216	Reserve Shutdown	11/29/2024	23:35:00	11/30/2024	23:59:00	24.42			Reserve Shutdown		150

Tampa Electric Company
 Outage Listing
 November 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 S	200	Reserve Shutdown	11/16/2024	8:33:00	11/16/2024	15:54:00	7.35					150
Polk S	201	Startup Failure	11/16/2024	15:54:00	11/17/2024	2:22:00	10.47	3664	4000-7000 volt protection devices	LCI 89SS reversing contactor set stuck during attempted unit startup. This prevented t		150
Polk S	202	Reserve Shutdown	11/17/2024	2:22:00	11/18/2024	15:46:00	37.4					150
Polk S	203	Reserve Shutdown	11/23/2024	8:31:00	11/23/2024	16:05:00	7.57			Reserve Shutdown		150
Polk S	204	Reserve Shutdown	11/24/2024	8:40:00	11/25/2024	1:27:00	16.78			Reserve Shutdown		150
Polk S	205	Reserve Shutdown	11/26/2024	7:19:00	11/26/2024	15:33:00	8.23			Reserve Shutdown		150
Polk S	206	Reserve Shutdown	11/27/2024	1:10:00	11/27/2024	16:19:00	15.15					150
Polk S	207	Reserve Shutdown	11/29/2024	23:50:00	11/30/2024	7:29:00	7.65			Reserve Shutdown		150
Polk S	208	Reserve Shutdown	11/30/2024	9:36:00	11/30/2024	23:59:00	14.4			Reserve Shutdown		150

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	97.2	100.0	99.2	99.3	90.3	95.1	47.8	95.3	99.7	99.9	93.2
2. Period Hours	PH	744.0	696.0	743.0	720.0	744.0	720.0	744.0	744.0	720.0	744.0	721.0	744.0	8,784.0
3. Service Hours	SH	574.9	394.6	682.0	720.0	744.0	720.0	671.1	700.0	358.1	659.5	721.0	744.0	7,689.2
4. Reserve Shutdown Hours	RSH	129.6	296.8	41.4	0.0	0.0	0.0	0.9	7.7	0.0	69.0	0.0	0.0	545.4
5. Unavailable Hours	UH	39.5	4.6	20.6	0.0	5.8	5.4	72.0	36.3	376.1	15.5	2.1	0.9	578.8
6. Planned Outage Hours	POH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	367.9	3.9	0.0	0.0	371.8
7. Forced Outage Hours	FOH	0.7	0.1	17.2	0.0	5.8	5.4	0.0	23.9	8.2	1.5	0.0	0.9	63.7
8. Maintenance Outage Hours	MOH	38.9	4.6	3.5	0.0	0.0	0.0	72.0	12.4	0.0	10.2	2.1	0.0	143.7
9a. Partial Planned Outage Hours	PPOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	144.7	0.0	0.0	144.7
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	100.0	0.0	0.0	100.0
10a. Partial Forced Outage Hours	PFOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10b. Load Reduction Partial Forced (MW)	LRPF	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11a. Partial Maintenance Outage Hours	PMOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11b. Load Reduction Partial Maintenance (MW)	LRPM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12. Net Summer Continuous Rating (MW)	NSC	749.0	749.0	749.0	749.0	749.0	749.0	749.0	749.0	749.0	749.0	749.0	749.0	749.0
13. Operating British Thermal Units (GBTU)	OPR BTU	1,104.2	996.0	1,961.8	1,881.0	2,674.8	1,865.7	2,048.2	2,254.5	1,080.0	2,396.8	2,726.8	2,612.5	23,602.5
14. Net Generation (MWH)	NETGEN	145,773.5	132,105.1	262,586.5	253,083.1	360,412.9	252,824.0	282,763.4	311,663.2	156,623.1	339,829.4	382,700.1	358,117.1	3,238,481.4
15. Avg. Net Operating Heat Rate (BTU/KWH)	ANOHR	7,575.0	7,540.0	7,471.0	7,433.0	7,421.0	7,380.0	7,244.0	7,234.0	6,895.0	7,053.0	7,125.0	7,295.0	7,288.1
16. Net Output Factor (%)	NOF	29.9	39.5	45.5	46.9	64.7	46.9	56.3	59.4	58.4	68.8	70.9	56.8	54.5
17. Net Period Continuous Rating (MW)	NPC	847.0	847.0	847.0	749.0	749.0	749.0	749.0	749.0	749.0	749.0	749.0	749.0	773.5
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:	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	43.2	0.0	0.0	18.5	91.6	98.7	99.6	99.8	66.2	5.6	35.2	54.7
2. Period Hours	PH	744.0	696.0	743.0	720.0	744.0	720.0	744.0	744.0	720.0	744.0	721.0	744.0	8,784.0
3. Service Hours	SH	271.6	333.9	0.0	0.0	34.1	533.7	744.0	744.0	720.0	4.9	0.0	0.5	3,386.7
4. Reserve Shutdown Hours	RSH	445.7	0.0	1.0	0.0	103.3	125.9	0.0	0.0	0.0	487.4	39.3	261.1	1,463.7
5. Unavailable Hours	UH	26.7	395.1	743.0	720.0	606.6	60.5	9.6	3.2	1.3	251.7	680.8	482.4	3,980.9
6. Planned Outage Hours	POH	26.7	395.1	743.0	720.0	593.6	13.9	0.0	0.0	0.0	0.0	158.5	0.0	2,650.8
7. Forced Outage Hours	FOH	0.0	0.0	0.0	0.0	0.0	0.0	6.9	3.2	1.3	243.4	236.0	223.7	714.5
8. Maintenance Outage Hours	MOH	0.0	0.0	0.0	0.0	12.9	46.6	2.7	0.0	0.0	8.3	286.2	258.7	615.4
9a. Partial Planned Outage Hours	PPOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9b. Load Reduction Partial Planned (MW)	LRPP	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10a. Partial Forced Outage Hours	PFOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10b. Load Reduction Partial Forced (MW)	LRPF	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11a. Partial Maintenance Outage Hours	PMOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11b. Load Reduction Partial Maintenance (MW)	LRPM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12. Net Summer Continuous Rating (MW)	NSC	929.0	929.0	929.0	929.0	929.0	929.0	929.0	929.0	929.0	929.0	929.0	929.0	929.0
13. Operating British Thermal Units (GBTU)	OPR BTU	625.2	792.5	0.0	0.0	87.0	2,168.4	3,165.7	2,837.3	3,268.0	7.6	0.0	0.0	12,951.7
14. Net Generation (MWH)	NETGEN	79,318.7	104,465.8	-825.0	-720.0	6,688.0	307,243.0	438,955.5	391,743.9	452,081.9	626.8	-47.2	-68.2	1,779,463.2
15. Avg. Net Operating Heat Rate (BTU/KWH)	ANOHR	7,882.0	7,586.0	0.0	0.0	13,002.0	7,058.0	7,212.0	7,243.0	7,229.0	12,203.0	0.0	0.0	7,278.4
16. Net Output Factor (%)	NOF	27.9	29.9	0.0	0.0	21.1	62.0	59.1	52.7	62.9	12.8	0.0	-12.2	52.4
17. Net Period Continuous Rating (MW)	NPC	1,047.0	1,047.0	1,047.0	929.0	929.0	929.0	999.0	999.0	999.0	999.0	999.0	1,121.0	1,003.7
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:	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	89.6	89.5	81.7	82.3	91.7	100.0	90.3	75.6	83.6	92.4	89.7
2. Period Hours	PH	744.0	696.0	743.0	720.0	744.0	720.0	744.0	744.0	720.0	744.0	721.0	744.0	8,784.0
3. Service Hours	SH	744.0	696.0	743.0	711.6	741.0	712.1	744.0	744.0	712.4	667.7	715.2	744.0	8,675.0
4. Reserve Shutdown Hours	RSH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5. Unavailable Hours	UH	0.0	0.0	43.5	64.1	74.6	85.1	40.5	0.2	69.8	181.5	118.5	56.3	734.1
6. Planned Outage Hours	POH	0.0	0.0	0.0	64.1	74.0	67.0	0.0	0.0	60.4	114.9	0.0	56.3	436.7
7. Forced Outage Hours	FOH	0.0	0.0	43.5	0.0	0.0	7.5	0.4	0.2	9.3	66.7	118.5	0.0	246.1
8. Maintenance Outage Hours	MOH	0.0	0.0	0.0	0.0	0.7	10.6	40.1	0.0	0.0	0.0	0.0	0.0	51.4
9a. Partial Planned Outage Hours	PPOH	0.0	0.0	0.0	49.3	234.7	202.1	0.0	0.0	0.0	0.0	0.0	0.0	486.1
9b. Load Reduction Partial Planned (MW)	LRPP	0.0	0.0	0.0	250.0	250.0	190.0	0.0	0.0	0.0	0.0	0.0	0.0	225.1
10a. Partial Forced Outage Hours	PFOH	0.0	0.0	139.2	0.0	34.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	173.5
10b. Load Reduction Partial Forced (MW)	LRPF	0.0	0.0	270.0	0.0	170.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	250.2
11a. Partial Maintenance Outage Hours	PMOH	0.0	0.0	0.0	0.0	0.0	31.9	117.4	0.0	0.0	0.0	0.0	0.0	149.3
11b. Load Reduction Partial Maintenance (MW)	LRPM	0.0	0.0	0.0	0.0	0.0	190.0	190.0	0.0	0.0	0.0	0.0	0.0	190.0
12. Net Summer Continuous Rating (MW)	NSC	1,055.0	1,055.0	1,055.0	1,055.0	1,055.0	1,055.0	1,055.0	1,055.0	1,055.0	1,055.0	1,055.0	1,055.0	1,055.0
13. Operating British Thermal Units (GBTU)	OPR BTU	4,305.0	3,820.9	3,834.5	3,394.5	3,398.7	3,318.6	4,072.6	4,187.9	3,884.3	2,417.1	3,067.7	3,641.6	43,343.3
14. Net Generation (MWH)	NETGEN	677,600.0	595,266.0	596,084.0	510,995.0	524,445.0	507,300.0	639,984.2	663,439.4	561,960.1	271,193.0	452,481.0	571,365.4	6,572,113.1
15. Avg. Net Operating Heat Rate (BTU/KWH)	ANOHR	6,353.0	6,419.0	6,433.0	6,643.0	6,481.0	6,542.0	6,364.0	6,312.0	6,912.0	8,913.0	6,780.0	6,374.0	6,595.0
16. Net Output Factor (%)	NOF	81.4	76.4	71.7	68.1	67.1	67.5	81.5	84.5	74.8	38.5	60.0	68.6	70.4
17. Net Period Continuous Rating (MW)	NPC	1,119.0	1,119.0	1,119.0	1,055.0	1,055.0	1,055.0	1,055.0	1,055.0	1,055.0	1,055.0	1,055.0	1,120.0	1,076.4
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:	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	78.9	99.1	87.1	99.9	87.2	98.7	99.0	99.3	83.3	60.4	90.5
2. Period Hours	PH	744.0	696.0	743.0	720.0	744.0	720.0	744.0	744.0	720.0	744.0	721.0	744.0	8,784.0
3. Service Hours	SH	744.0	671.4	743.0	720.0	652.3	720.0	744.0	744.0	713.6	744.0	685.4	493.1	8,374.8
4. Reserve Shutdown Hours	RSH	0.0	21.0	0.0	0.0	0.0	0.0	0.0	0.0	3.6	0.0	0.0	16.7	41.3
5. Unavailable Hours	UH	10.7	3.6	81.7	3.5	94.9	0.0	51.6	5.2	2.8	0.6	76.1	234.2	564.9
6. Planned Outage Hours	POH	0.0	0.2	75.8	0.0	0.0	0.0	39.6	0.0	0.0	0.0	69.8	181.1	366.5
7. Forced Outage Hours	FOH	0.4	0.0	3.3	0.0	94.9	0.0	11.9	4.3	2.8	0.6	1.5	19.2	138.9
8. Maintenance Outage Hours	MOH	10.3	3.4	2.6	3.5	0.0	0.0	0.0	0.8	0.0	0.0	4.8	33.9	59.3
9a. Partial Planned Outage Hours	PPOH	0.0	23.7	506.5	24.5	0.0	0.0	280.4	5.9	36.3	23.4	348.7	248.3	1,497.7
9b. Load Reduction Partial Planned (MW)	LRPP	0.0	120.0	172.7	119.7	0.0	0.0	119.8	119.9	119.8	119.8	131.3	151.5	145.6
10a. Partial Forced Outage Hours	PFOH	81.1	62.8	23.6	0.0	6.8	20.8	70.6	32.3	1.0	18.6	10.5	163.5	491.6
10b. Load Reduction Partial Forced (MW)	LRPF	32.8	120.0	115.6	0.0	119.8	29.9	180.8	128.9	118.8	119.8	119.8	212.2	141.6
11a. Partial Maintenance Outage Hours	PMOH	68.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	68.7
11b. Load Reduction Partial Maintenance (MW)	LRPM	120.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	1,061.0	1,061.0	1,061.0
13. Operating British Thermal Units (GBTU)	OPR BTU	3,277.9	2,608.7	2,970.0	3,294.0	3,209.9	3,514.9	3,606.5	4,036.3	3,988.5	4,116.3	3,043.7	2,163.9	39,830.7
14. Net Generation (MWH)	NETGEN	466,423.0	364,118.0	414,206.0	455,131.0	411,516.0	487,900.0	505,415.1	566,859.0	549,409.0	577,289.0	422,240.0	273,295.0	5,493,801.1
15. Avg. Net Operating Heat Rate (BTU/KWH)	ANOHR	7,028.0	7,164.0	7,170.0	7,238.0	7,800.0	7,204.0	7,133.0	7,120.0	7,260.0	7,130.0	7,208.0	7,699.0	7,250.1
16. Net Output Factor (%)	NOF	52.2	45.2	46.5	59.6	59.5	63.9	64.0	71.8	72.6	73.1	58.1	46.2	59.2
17. Net Period Continuous Rating (MW)	NPC	1,200.0	1,200.0	1,200.0	1,061.0	1,061.0	1,061.0	1,061.0	1,061.0	1,061.0	1,061.0	1,061.0	1,200.0	1,107.3
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
 December 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)	212	Reserve Shutdown	12/14/2024	22:30:00	12/15/2024	16:00:00	17.5			Reserve Shutdown		196
BS CT1(A)	213	Unplanned (Forced) Outage - Immediate	12/15/2024	16:00:00	12/15/2024	19:43:00	3.72	4700	Generator voltage control	Unit 1A CT 89 neutral ground limit switch not indicating breaker open.		196
BS CT1(A)	214	Reserve Shutdown	12/15/2024	19:43:00	12/15/2024	21:03:00	1.33					196
BS CT1(A)	215	Reserve Shutdown	12/17/2024	0:10:00	12/17/2024	7:12:00	7.03			Reserve Shutdown		196
BS CT1(A)	216	Reserve Shutdown	12/18/2024	22:21:00	12/19/2024	16:31:00	18.17			Reserve Shutdown		196
BS CT1(A)	217	Reserve Shutdown	12/19/2024	23:09:00	12/20/2024	18:02:00	18.88			Reserve Shutdown		196
BS CT1(A)	218	Reserve Shutdown	12/22/2024	10:27:00	12/23/2024	15:10:00	28.72			Reserve Shutdown		196
BS CT1(A)	219	Reserve Shutdown	12/25/2024	2:25:00	12/26/2024	14:47:00	36.37			Reserve Shutdown		196
BS CT1(A)	220	Reserve Shutdown	12/27/2024	22:59:00	12/28/2024	15:13:00	16.23			Reserve Shutdown		196

Tampa Electric Company
 Outage Listing
 December 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)	353	Reserve Shutdown	12/14/2024	1:34:00	12/14/2024	15:57:00	14.38			Reserve Shutdown		196
BS CT1(B)	354	Reserve Shutdown	12/18/2024	9:13:00	12/18/2024	16:14:00	7.02			Reserve Shutdown		196
BS CT1(B)	355	Reserve Shutdown	12/25/2024	21:59:00	12/26/2024	22:06:00	24.12			Reserve Shutdown		196
BS CT1(B)	356	Reserve Shutdown	12/30/2024	21:40:00	12/31/2024	16:01:00	18.35			Reserve Shutdown		196

Tampa Electric Company
 Outage Listing
 December 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)	223	Reserve Shutdown	12/9/2024	0:46:00	12/9/2024	7:29:00	6.72			Reserve Shutdown		196
BS CT1(C)	224	Reserve Shutdown	12/15/2024	0:32:00	12/15/2024	11:57:00	11.42			Reserve Shutdown		196
BS CT1(C)	225	Reserve Shutdown	12/16/2024	1:32:00	12/16/2024	10:48:00	9.27			Reserve Shutdown		196
BS CT1(C)	226	Reserve Shutdown	12/18/2024	23:32:00	12/19/2024	15:29:00	15.95			Reserve Shutdown		196
BS CT1(C)	227	Reserve Shutdown	12/19/2024	22:50:00	12/20/2024	16:15:00	17.42					196
BS CT1(C)	228	Reserve Shutdown	12/21/2024	10:07:00	12/22/2024	16:38:00	30.52					196
BS CT1(C)	229	Reserve Shutdown	12/23/2024	8:22:00	12/25/2024	16:39:00	56.28					196
BS CT1(C)	230	Reserve Shutdown	12/27/2024	0:18:00	12/27/2024	16:01:00	15.72					196
BS CT1(C)	231	Reserve Shutdown	12/28/2024	22:04:00	12/29/2024	15:04:00	17					196
BS CT1(C)	232	Reserve Shutdown	12/29/2024	23:00:00	12/30/2024	15:02:00	16.03					196
BS CT1(C)	233	Reserve Shutdown	12/31/2024	23:31:00	12/31/2024	23:59:00	0.47					196

7

Tampa Electric Company
Outage Listing
December 2024

<u>Unit</u>	<u>Event Number</u>	<u>Event Type</u>	<u>Event Begin Date</u>	<u>Event Begin Time</u>	<u>Event End Date</u>	<u>Event End Time</u>	<u>Event Duration</u>	<u>Cause Code</u>	<u>Cause Code Description</u>	<u>Narrative</u>	<u>Net Available Capacity</u>	<u>Net Dependable Capacity</u>
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Tampa Electric Company
 Outage Listing
 December 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)	111	Maintenance Outage	12/11/2024	0:00:00	12/16/2024	9:55:00	369.92	3999	Other miscellaneous balance of plant problems	Inspecting steam headers as part of ST2 HP turbine failure		196
BS CT2(A)	112	Reserve Shutdown	12/16/2024	9:55:00	12/18/2024	6:24:00	44.48			Reserve Shutdown		196
BS CT2(A)	113	Reserve Shutdown	12/18/2024	6:54:00	12/31/2024	23:59:00	329.08			Reserve Shutdown		196

Tampa Electric Company
 Outage Listing
 December 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)	129	Maintenance Outage	12/11/2024	0:00:00	12/16/2024	9:55:00	369.92	3999	Other miscellaneous balance of plant problems	Inspecting steam headers as part of ST2 HP turbine failure		196
BS CT2(B)	130	Reserve Shutdown	12/16/2024	9:55:00	12/17/2024	13:38:00	27.72			Reserve Shutdown		196
BS CT2(B)	131	Reserve Shutdown	12/17/2024	14:07:00	12/31/2024	23:59:00	345.87			Reserve Shutdown		196

Tampa Electric Company
 Outage Listing
 December 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)	152	Maintenance Outage	12/11/2024	0:00:00	12/16/2024	9:55:00	369.92	3999	Other miscellaneous balance of plant problems	Inspecting steam headers as part of ST2 HP turbine failure		196
BS CT2(C)	153	Reserve Shutdown	12/16/2024	9:55:00	12/16/2024	11:51:00	1.93			Reserve Shutdown		196
BS CT2(C)	154	Reserve Shutdown	12/16/2024	12:21:00	12/31/2024	23:59:00	371.63			Reserve Shutdown		196

Tampa Electric Company
 Outage Listing
 December 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)	168	Maintenance Outage	12/11/2024	0:00:00	12/16/2024	9:55:00	369.92	3999	Other miscellaneous balance of plant problems	Inspecting steam headers as part of ST2 HP turbine failure		196
BS CT2(D)	169	Reserve Shutdown	12/16/2024	9:55:00	12/31/2024	23:59:00	374.07			Reserve Shutdown		196

Tampa Electric Company
 Outage Listing
 December 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	36	Unplanned (Forced) Outage - Immediate	12/1/2024	0:00:00	12/31/2024	23:59:00	743:98	4012	Buckets or blades	Unit 2 ST tripped on high vibration due to HP turbine failure>Note: Turbine had a fai		337
BS ST 2	36	Unplanned (Forced) Outage - Immediate	12/1/2024	0:00:00	12/1/2024	0:00:00	0	4012	Buckets or blades	Unit 2 ST tripped on high vibration due to HP turbine failure>Note: Turbine had a fai		337

Tampa Electric Company
Outage Listing
December 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
December 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
BB CT6	33	Planned Outage	12/11/2024	13:41:00	12/18/2024	6:34:00	160.88	5080	High pressure shaft	GE Warranty inspection. Rotor and bucket inspection is required by GE every 4000 hour		392

Tampa Electric Company
Outage Listing
December 2024

Unit	Event Number	Event Type	Event Begin Date	Event Begin Time	Event End Da	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
 December 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	323	Reserve Shutdown	12/2/2024	8:38:00	12/2/2024	16:23:00	7.75			Reserve Shutdown		180
Polk 2	324	Reserve Shutdown	12/4/2024	9:58:00	12/4/2024	17:47:00	7.82			Reserve Shutdown		180
Polk 2	325	Planned Outage	12/5/2024	1:19:00	12/20/2024	23:09:00	381.83	8720	NOx analyzer problems	Driver behind planned outage is to upgrade CEMS hardware and software due to end of li		180
Polk 2	326	Reserve Shutdown	12/20/2024	23:09:00	12/21/2024	13:59:00	14.83					180
Polk 2	327	Reserve Shutdown	12/22/2024	9:30:00	12/23/2024	13:22:00	27.87			Reserve Shutdown		180
Polk 2	328	Reserve Shutdown	12/24/2024	11:49:00	12/25/2024	7:23:00	19.57			Reserve Shutdown		180
Polk 2	329	Reserve Shutdown	12/26/2024	9:00:00	12/29/2024	13:05:00	76.08			Reserve Shutdown		180

Tampa Electric Company
Outage Listing
December 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
Po k 2 ST	102	Planned Outage	12/1/2024	0:00:00	12/9/2024	21:39:00	213.65			Planned outage with major scopes being upgrading DCS virtual machine host management		480
Po k 2 ST	103	Planned Derating	12/9/2024	21:39:00	12/20/2024	23:09:00	265.5	3999	Other miscellaneous balance of plant problems	CT2 planned outage derates steam turbine.	360.75	480
Po k 2 ST	104	Planned Derating	12/9/2024	21:39:00	12/12/2024	5:51:00	56.2	3999	Other miscellaneous balance of plant problems	During upgrading of HRSG4 duct burner flame scanners, flame scanners need to be tuned	450	480
Po k 2 ST	105	Planned Derating	12/9/2024	21:39:00	12/11/2024	16:00:00	42.35	3999	Other miscellaneous balance of plant problems	CT3 planned outage derates steam turbine.	360.75	480
Po k 2 ST	106	Unplanned (Forced) Outage - Immediate	12/9/2024	22:56:00	12/11/2024	12:12:00	37.27	4309	Other turbine instrument and control problems	Prior to planned outage, the control loop for the left intercept control valve indicat		480
Po k 2 ST	107	Unplanned (Forced) Derating - Immediate	12/11/2024	16:00:00	12/12/2024	5:51:00	13.85	3999	Other miscellaneous balance of plant problems	CT3 planned outage forced extension due to LCI issue derates steam turbine.	241.5	480
Po k 2 ST	108	Unplanned (Forced) Derating - Immediate	12/12/2024	5:51:00	12/12/2024	8:32:00	2.68	3999	Other miscellaneous balance of plant problems	HRSG4 duct burners unavailable due to obsolete control logic that prevented opening of	211.5	480
Po k 2 ST	109	Unplanned (Forced) Derating - Immediate	12/12/2024	5:51:00	12/12/2024	8:32:00	2.68	3999	Other miscellaneous balance of plant problems	CT3 planned outage forced extension due to LCI issue derates steam turbine.	241.5	480
Po k 2 ST	110	Unplanned (Forced) Derating - Immediate	12/12/2024	8:04:00	12/12/2024	8:32:00	0.47	3999	Other miscellaneous balance of plant problems	CT5 derate also derates steam turbine.	200.5	480
Po k 2 ST	111	Unplanned (Forced) Derating - Immediate	12/12/2024	8:32:00	12/17/2024	4:13:00	115.68	3999	Other miscellaneous balance of plant problems	HRSG4 duct burners unavailable due to obsolete control logic that prevented opening of	330.75	480
Po k 2 ST	112	Planned Derating	12/12/2024	8:32:00	12/13/2024	8:32:00	24	3999	Other miscellaneous balance of plant problems	During upgrading of HRSG3 duct burner flame scanners, flame scanners need to be tuned	289.75	480
Po k 2 ST	113	Unplanned (Forced) Derating - Immediate	12/12/2024	8:32:00	12/13/2024	8:32:00	24	3999	Other miscellaneous balance of plant problems	CT5 derate also derates steam turbine.	319.75	480
Po k 2 ST	114	Planned Derating	12/13/2024	8:32:00	12/14/2024	7:07:00	22.58	3999	Other miscellaneous balance of plant problems	During upgrading of HRSG3 duct burner flame scanners, flame scanners need to be tuned	300.75	480
Po k 2 ST	115	Unplanned (Forced) Derating - Immediate	12/17/2024	4:13:00	12/17/2024	9:15:00	5.03	3999	Other miscellaneous balance of plant problems	CT4 forced outage derates steam turbine.	360.75	480
Po k 2 ST	116	Unplanned (Forced) Derating - Immediate	12/20/2024	17:32:00	12/20/2024	19:18:00	1.77	3999	Other miscellaneous balance of plant problems	CT4 damper flopped due to bad solenoid on main steam bypass attenuator spray isolat	360.75	480
Po k 2 ST	117	Planned Derating	12/20/2024	23:09:00	12/21/2024	19:11:00	20.03	3999	Other miscellaneous balance of plant problems	During upgrading of HRSG2 duct burner flame scanners, flame scanners need to be tuned	450	480

Tampa Electric Company
Outage Listing
December 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	118	Planned Outage	12/11/2024	0:00:00	12/11/2024	16:00:00	256	8720	NOx analyzer problems	Driver behind planned outage is to upgrade CEMS hardware and software due to end of li		180
Polk 3	119	Unplanned (Forced) Outage - Immediate	12/11/2024	16:00:00	12/12/2024	8:32:00	16.53	5250	Other controls and instrumentation problems	Unit 2 LCI, which is the typical LCI used to start Polk 3, failed. Operations lined Un		180
Polk 3	120	Reserve Shutdown	12/12/2024	8:32:00	12/12/2024	17:09:00	8.62			Reserve Shutdown		180
Polk 3	121	Reserve Shutdown	12/23/2024	10:28:00	12/24/2024	16:45:00	30.28			Reserve Shutdown		180

Tampa Electric Company
Outage Listing
December 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	216	Reserve Shutdown	12/1/2024	0:00:00	12/1/2024	22:51:00	22.85			Reserve Shutdown	180	180
Polk 4	217	Reserve Shutdown	12/2/2024	9:53:00	12/2/2024	19:55:00	10.03			Reserve Shutdown	180	180
Polk 4	218	Reserve Shutdown	12/3/2024	9:09:00	12/3/2024	21:22:00	12.22			Reserve Shutdown	180	180
Polk 4	219	Reserve Shutdown	12/4/2024	9:24:00	12/5/2024	1:19:00	15.92			Reserve Shutdown	180	180
Polk 4	220	Maintenance Outage	12/5/2024	1:19:00	12/9/2024	15:16:00	109.95			Unit down to support full block outage. Full block outage is necessary for DCS virtual	180	180
Polk 4	221	Reserve Shutdown	12/9/2024	23:01:00	12/11/2024	7:14:00	32.22			Reserve Shutdown	180	180
Polk 4	222	Unplanned (Forced) Outage - Immediate	12/11/2024	9:11:00	12/11/2024	16:00:00	6.82	8299	Other piping, ducting, damper, and fan problems	During startup, unit got triple high reheater metal temps. The damper would not flop t	180	180
Polk 4	223	Reserve Shutdown	12/11/2024	16:00:00	12/11/2024	17:54:00	1.9			Reserve Shutdown	180	180
Polk 4	224	Reserve Shutdown	12/13/2024	8:50:00	12/13/2024	15:19:00	6.48			Reserve Shutdown	180	180
Polk 4	225	Unplanned (Forced) Outage - Immediate	12/17/2024	4:13:00	12/17/2024	9:15:00	5.03	5048	Gas fuel system including controls and instrumentation	Due to wear and tear, fuel gas heater contactors got pitted. This caused them to get s	180	180
Polk 4	226	Reserve Shutdown	12/17/2024	9:15:00	12/17/2024	22:46:00	13.52			Reserve Shutdown	180	180
Polk 4	227	Reserve Shutdown	12/20/2024	10:39:00	12/20/2024	17:13:00	6.57			Reserve Shutdown	180	180
Polk 4	228	Reserve Shutdown	12/20/2024	19:20:00	12/21/2024	15:39:00	20.32			Reserve Shutdown	180	180
Polk 4	229	Reserve Shutdown	12/24/2024	22:35:00	12/26/2024	15:16:00	40.68			Reserve Shutdown	180	180
Polk 4	230	Reserve Shutdown	12/26/2024	23:34:00	12/27/2024	15:29:00	15.92			Reserve Shutdown	180	180
Polk 4	231	Reserve Shutdown	12/27/2024	23:54:00	12/28/2024	14:33:00	14.65			Reserve Shutdown	180	180
Polk 4	232	Reserve Shutdown	12/28/2024	23:32:00	12/30/2024	16:36:00	41.07			Reserve Shutdown	180	180
Polk 4	233	Reserve Shutdown	12/30/2024	23:54:00	12/31/2024	11:39:00	11.75			Reserve Shutdown	180	180
Polk 4	234	Reserve Shutdown	12/31/2024	21:34:00	12/31/2024	23:59:00	2.42			Reserve Shutdown	180	180

Tampa Electric Company
Outage Listing
December 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	208	Reserve Shutdown	12/1/2024	0:00:00	12/1/2024	17:04:00	17.07			Reserve Shutdown		180
Polk 5	209	Reserve Shutdown	12/2/2024	10:26:00	12/2/2024	17:57:00	7.52			Reserve Shutdown		180
Polk 5	210	Reserve Shutdown	12/4/2024	9:40:00	12/5/2024	1:19:00	15.65			Reserve Shutdown		180
Polk 5	211	Maintenance Outage	12/5/2024	11:19:00	12/9/2024	13:58:00	108.65			Unit down to support full block outage. Full block outage is necessary for DCS virtual		180
Polk 5	212	Reserve Shutdown	12/9/2024	23:01:00	12/11/2024	8:33:00	33.53			Reserve Shutdown		180
Polk 5	213	Reserve Shutdown	12/11/2024	9:08:00	12/11/2024	10:12:00	1.07			Reserve Shutdown		180
Polk 5	214	Unplanned (Forced) Derating - Immediate	12/12/2024	8:04:00	12/13/2024	8:32:00	24.47	5042	Fuel nozzles/vanes	CTS combustion dynamics parameters were high in base load. Lowered output to 160 MW (d	160	180
Polk 5	215	Maintenance Outage	12/13/2024	8:32:00	12/13/2024	16:00:00	7.47	5042	Fuel nozzles/vanes	Maintenance outage to end CTS derate. Unit was force cooled to facilitate combustion i		180
Polk 5	216	Reserve Shutdown	12/13/2024	16:00:00	12/14/2024	12:59:00	20.98			Reserve Shutdown		180
Polk 5	217	Reserve Shutdown	12/21/2024	9:52:00	12/22/2024	4:10:00	18.3			Reserve Shutdown		180
Polk 5	218	Reserve Shutdown	12/29/2024	23:21:00	12/30/2024	14:05:00	14.73			Reserve Shutdown		180
Polk 5	219	Reserve Shutdown	12/31/2024	1:20:00	12/31/2024	23:59:00	22.65			Reserve Shutdown		180

ORIGINAL SHEET NO. 8.401.19A
TAMPA ELECTRIC COMPANY

ACTUAL UNIT PERFORMANCE DATA

JANUARY 2025 - DECEMBER 2025

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-25	Feb-25	Mar-25	Apr-25	May-25	Jun-25	Jul-25	Aug-25	Sep-25	Oct-25	Nov-25	Dec-25	2025
1. Equivalent Availability Factor (%)	EAF	99.9												99.9
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	0.7												0.7
6. Planned Outage Hours	POH	0.0												0.0
7. Forced Outage Hours	FOH	0.0												0.0
8. Maintenance Outage Hours	MOH	0.7												0.7
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	2,129.7												2,129.7
14. Net Generation (MWH)	NETGEN	290,705.0												290,705.0
15. Avg. Net Operating Heat Rate (BTU/KWH)	ANOHR	7,326.0												7,326.0
16. Net Output Factor (%)	NOF	46.1												52.2
17. Net Period Continuous Rating (MW)	NPC	749.0												749.0
18. Avg. Net Operating Heat Rate Equation		ANOHR = NOF (-7.294) + 7,882												

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 2025 - DECEMBER 2025

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-25	Feb-25	Mar-25	Apr-25	May-25	Jun-25	Jul-25	Aug-25	Sep-25	Oct-25	Nov-25	Dec-25	2025
1. Equivalent Availability Factor (%)	EAF	59.4												59.4
2. Period Hours	PH	744.0												744.0
3. Service Hours	SH	6.7												6.7
4. Reserve Shutdown Hours	RSH	435.6												435.6
5. Unavailable Hours	UH	301.7												301.7
6. Planned Outage Hours	POH	0.0												0.0
7. Forced Outage Hours	FOH	274.7												274.7
8. Maintenance Outage Hours	MOH	27.0												27.0
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	11.3												11.3
14. Net Generation (MWH)	NETGEN	796.0												796.0
15. Avg. Net Operating Heat Rate (BTU/KWH)	ANOHR	14,239.0												14,239.2
16. Net Output Factor (%)	NOF	0.0												10.8
17. Net Period Continuous Rating (MW)	NPC	1,099.0												1,099.0
18. Avg. Net Operating Heat Rate Equation		ANOHR = NOF (-35.618) + 9,594												

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 2025 - DECEMBER 2025

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-25	Feb-25	Mar-25	Apr-25	May-25	Jun-25	Jul-25	Aug-25	Sep-25	Oct-25	Nov-25	Dec-25	2025
1. Equivalent Availability Factor (%)	EAF	99.7												99.7
2. Period Hours	PH	744.0												744.0
3. Service Hours	SH	742.9												742.9
4. Reserve Shutdown Hours	RSH	0.0												0.0
5. Unavailable Hours	UH	2.0												2.0
6. Planned Outage Hours	POH	0.0												0.0
7. Forced Outage Hours	FOH	2.0												2.0
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	4,304.2												4,304.2
14. Net Generation (MWH)	NETGEN	680,834.2												680,834.2
15. Avg. Net Operating Heat Rate (BTU/KWH)	ANOHR	6,322.0												6,322.0
16. Net Output Factor (%)	NOF	76.2												76.2
17. Net Period Continuous Rating (MW)	NPC	1,203.0												1,203.0
18. Avg. Net Operating Heat Rate Equation		ANOHR = NOF (-8.897) + 7,083												



ORIGINAL SHEET NO. 8.401.19A
TAMPA ELECTRIC COMPANY

ACTUAL UNIT PERFORMANCE DATA

JANUARY 2025 - DECEMBER 2025

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-25	Feb-25	Mar-25	Apr-25	May-25	Jun-25	Jul-25	Aug-25	Sep-25	Oct-25	Nov-25	Dec-25	2025
1. Equivalent Availability Factor (%)	EAF	99.9												99.9
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	22.4												22.4
10b. Load Reduction Partial Forced (MW)	LRPF	37.2												37.2
11a. Partial Maintenance Outage Hours	PMOH	3.0												3.0
11b. Load Reduction Partial Maintenance (MW)	LRPM	119.2												119.2
12. Net Summer Continuous Rating (MW)	NSC	1,061.0												1,061.0
13. Operating British Thermal Units (GBTU)	OPR BTU	3,403.8												3,403.8
14. Net Generation (MWH)	NETGEN	473,442.0												473,442.0
15. Avg. Net Operating Heat Rate (BTU/KWH)	ANOHR	7,189.0												7,189.4
16. Net Output Factor (%)	NOF	53.0												53.0
17. Net Period Continuous Rating (MW)	NPC	1,200.0												1,200.0
18. Avg. Net Operating Heat Rate Equation		ANOHR = NOF (-14.998) + 8,177												

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
 Event Listing
 January 2025

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)	1	Reserve Shutdown	1/2/2025	1:05:00	1/2/2025	16:20:00	15.25			Reserve Shutdown		196
BS CT1(A)	2	Reserve Shutdown	1/3/2025	9:24:00	1/4/2025	16:48:00	31.4			Reserve Shutdown		196
BS CT1(A)	3	Reserve Shutdown	1/5/2025	22:53:00	1/7/2025	6:09:00	31.27			Reserve Shutdown		196
BS CT1(A)	4	Reserve Shutdown	1/7/2025	11:46:00	1/8/2025	3:46:00	16			Reserve Shutdown		196
BS CT1(A)	5	Reserve Shutdown	1/10/2025	9:28:00	1/11/2025	6:38:00	21.17			Reserve Shutdown		196
BS CT1(A)	6	Reserve Shutdown	1/13/2025	22:42:00	1/14/2025	7:28:00	8.77			Reserve Shutdown		196
BS CT1(A)	7	Reserve Shutdown	1/16/2025	22:20:00	1/19/2025	11:54:00	61.57			Reserve Shutdown		196
BS CT1(A)	8	Reserve Shutdown	1/24/2025	12:25:00	1/24/2025	16:31:00	4.1			Reserve Shutdown		196
BS CT1(A)	9	Reserve Shutdown	1/26/2025	10:04:00	1/27/2025	16:37:00	30.55			Reserve Shutdown		196
BS CT1(A)	10	Reserve Shutdown	1/29/2025	8:44:00	1/29/2025	16:47:00	8.05			Reserve Shutdown		196
BS CT1(A)	11	Reserve Shutdown	1/30/2025	9:11:00	1/30/2025	17:25:00	8.23			Reserve Shutdown		196

Tampa Electric Company
Event Listing
January 2025

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	1/1/2025	19:52:00	1/3/2025	6:04:00	34.2		Reserve Shutdown			196
BS CT1(B)	2	Reserve Shutdown	1/4/2025	10:15:00	1/5/2025	16:23:00	30.13		Reserve Shutdown			196
BS CT1(B)	3	Reserve Shutdown	1/6/2025	21:54:00	1/7/2025	17:30:00	19.6		Reserve Shutdown			196
BS CT1(B)	4	Reserve Shutdown	1/9/2025	8:54:00	1/9/2025	16:22:00	7.47		Reserve Shutdown			196
BS CT1(B)	5	Reserve Shutdown	1/10/2025	21:03:00	1/13/2025	5:49:00	56.77		Reserve Shutdown			196
BS CT1(B)	6	Reserve Shutdown	1/14/2025	11:35:00	1/14/2025	17:03:00	5.47		Reserve Shutdown			196
BS CT1(B)	7	Reserve Shutdown	1/25/2025	9:38:00	1/26/2025	16:28:00	30.83		Reserve Shutdown			196
BS CT1(B)	8	Reserve Shutdown	1/28/2025	10:01:00	1/28/2025	16:51:00	6.83		Reserve Shutdown			196
BS CT1(B)	9	Reserve Shutdown	1/29/2025	23:19:00	1/30/2025	14:58:00	15.65		Reserve Shutdown			196
BS CT1(B)	10	Reserve Shutdown	1/30/2025	20:59:00	1/31/2025	5:29:00	8.5		Reserve Shutdown			196

Tampa Electric Company
Event Listing
January 2025

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)	1	Reserve Shutdown	1/1/2025	0:00:00	1/1/2025	16:15:00	16.25					196
BS CT1(C)	2	Reserve Shutdown	1/2/2025	22:41:00	1/3/2025	16:33:00	17.87					196
BS CT1(C)	3	Reserve Shutdown	1/5/2025	21:00:00	1/6/2025	15:51:00	18.85					196
BS CT1(C)	4	Reserve Shutdown	1/8/2025	8:59:00	1/8/2025	16:40:00	7.68			Reserve Shutdown		196
BS CT1(C)	5	Reserve Shutdown	1/12/2025	11:52:00	1/15/2025	5:35:00	65.72			Reserve Shutdown		196
BS CT1(C)	6	Reserve Shutdown	1/17/2025	9:37:00	1/19/2025	12:23:00	50.77			Reserve Shutdown		196
BS CT1(C)	7	Reserve Shutdown	1/24/2025	3:23:00	1/24/2025	15:57:00	12.57			Reserve Shutdown		196
BS CT1(C)	8	Reserve Shutdown	1/26/2025	21:27:00	1/29/2025	8:00:00	58.55			Reserve Shutdown		196
BS CT1(C)	9	Maintenance Outage	1/29/2025	8:00:00	1/29/2025	10:53:00	2.88	5240	Fire detection and extinguishing system (including Unit CT1C correcting fire protection alarms			196
BS CT1(C)	10	Reserve Shutdown	1/29/2025	10:53:00	1/30/2025	5:23:00	18.5					196
BS CT1(C)	11	Reserve Shutdown	1/30/2025	23:38:00	1/31/2025	23:59:00	24.37			Reserve Shutdown		196

7

Tampa Electric Company
Event Listing
January 2025

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
Event Listing
January 2025

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)	1	Reserve Shutdown	1/1/2025	0:00:00	1/19/2025	15:21:00	447.35			Reserve Shutdown		183
BS CT2(A)	2	Unplanned (Forced) Outage - Immediate	1/19/2025	15:21:00	1/19/2025	23:39:00	8.3	4619	Other hydrogen system problems	Unit 2A CT generator autopurged on a power outage. Refilling with hydrogen		183
BS CT2(A)	3	Reserve Shutdown	1/19/2025	23:39:00	1/22/2025	9:08:00	57.48					183
BS CT2(A)	4	Reserve Shutdown	1/22/2025	12:23:00	1/22/2025	17:20:00	4.95					183
BS CT2(A)	5	Unplanned (Forced) Outage - Immediate	1/22/2025	17:20:00	1/22/2025	22:17:00	4.95	3999	Other miscellaneous balance of plant problems	Unit 2D Bus Accessory Compartment damage causing Units 2A-C to be unavailable		183
BS CT2(A)	6	Reserve Shutdown	1/22/2025	22:17:00	1/23/2025	17:21:00	19.07					183
BS CT2(A)	7	Reserve Shutdown	1/23/2025	20:48:00	1/27/2025	0:52:00	76.07			Reserve Shutdown		183
BS CT2(A)	8	Maintenance Outage	1/27/2025	0:52:00	1/27/2025	15:10:00	14.3	3999	Other miscellaneous balance of plant problems	Isolating Unit 2D from Units 2A-C due to Unit 2D BAC damage		183
BS CT2(A)	9	Reserve Shutdown	1/27/2025	15:10:00	1/31/2025	23:59:00	104.83					183

Tampa Electric Company
Event Listing
January 2025

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)	1	Reserve Shutdown	1/1/2025	0:00:00	1/2/2025	7:12:00	31.2			Reserve Shutdown		183
									Other hot reheat steam valves (not including turbine stop or intercept valves)			
BS CT2(B)	2	Maintenance Outa	1/2/2025	7:12:00	1/2/2025	13:09:00	5.95	0560		Unit 2B maintenance outage to replace valve packing on cold reheat steam va		183
BS CT2(B)	3	Reserve Shutdown	1/2/2025	13:09:00	1/19/2025	15:21:00	410.2					183
BS CT2(B)	4	Unplanned (Forced	1/19/2025	15:21:00	1/19/2025	23:39:00	8.3	4619	Other hydrogen system problems	Unit 2B CT generator autopurged on a power outage. Refilling with hydrogen		183
BS CT2(B)	5	Reserve Shutdown	1/19/2025	23:39:00	1/22/2025	10:33:00	58.9					183
BS CT2(B)	6	Reserve Shutdown	1/22/2025	12:56:00	1/22/2025	17:20:00	4.4			Reserve Shutdown		183
									Other miscellaneous balance of plant problems			
BS CT2(B)	7	Unplanned (Forced	1/22/2025	17:20:00	1/22/2025	22:17:00	4.95	3999		Unit 2D Bus Accessory Compartment damage causing Units 2A-C to be unavail		183
BS CT2(B)	8	Reserve Shutdown	1/22/2025	22:17:00	1/27/2025	0:52:00	98.58					183
									Other miscellaneous balance of plant problems			
BS CT2(B)	9	Maintenance Outa	1/27/2025	0:52:00	1/27/2025	15:10:00	14.3	3999		Isolating Unit 2D from Units 2A-C due to Unit 2D BAC damage		183
BS CT2(B)	10	Reserve Shutdown	1/27/2025	15:10:00	1/31/2025	23:59:00	104.83					183

Tampa Electric Company
Event Listing
January 2025

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)	1	Reserve Shutdown	1/1/2025	0:00:00	1/16/2025	0:05:00	360.08			Reserve Shutdown		183
BS CT2(C)	2	Maintenance Outage	1/16/2025	0:05:00	1/17/2025	15:40:00	39.58	5041	Fuel piping and valves	Unit 2C repair gas valves		183
BS CT2(C)	3	Reserve Shutdown	1/17/2025	15:40:00	1/19/2025	15:21:00	47.68					183
BS CT2(C)	4	Unplanned (Forced)	1/19/2025	15:21:00	1/20/2025	2:05:00	10.73	4619	Other hydrogen system problems	Unit 2C CT generator autopurged on a power outage. Refilling with hydrogen		183
BS CT2(C)	5	Reserve Shutdown	1/20/2025	2:05:00	1/21/2025	6:51:00	28.77					183
BS CT2(C)	6	Maintenance Outage	1/21/2025	6:51:00	1/22/2025	15:40:00	32.82	0520	Other main steam valves (including vent and drain valves but not including the turbine stop valves)	Unit 2C maintenance outage to repack control valve FWS-V208		183
BS CT2(C)	7	Reserve Shutdown	1/22/2025	17:09:00	1/22/2025	17:20:00	0.18			Reserve Shutdown		183
BS CT2(C)	8	Unplanned (Forced)	1/22/2025	17:20:00	1/22/2025	22:17:00	4.95	3999	Other miscellaneous balance of plant problems	Unit 2D Bus Accessory Compartment damage causing Units 2A-C to be unavailable		183
BS CT2(C)	9	Reserve Shutdown	1/22/2025	22:17:00	1/27/2025	0:52:00	98.58					183
BS CT2(C)	10	Maintenance Outage	1/27/2025	0:52:00	1/27/2025	16:00:00	15.13	3999	Other miscellaneous balance of plant problems	Isolating Unit 2D from Units 2A-C due to Unit 2D BAC damage		183
BS CT2(C)	11	Maintenance Outage	1/27/2025	16:00:00	1/28/2025	21:23:00	29.38	3410	Feedwater pump	Unit 2C Feed water pump remove/install a new outboard mechanical seal		183
BS CT2(C)	12	Reserve Shutdown	1/28/2025	21:23:00	1/31/2025	23:59:00	74.62					183

Tampa Electric Company
 Event Listing
 January 2025

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)	1	Reserve Shutdown	1/1/2025	0:00:00	1/8/2025	11:14:00	179.23			Reserve Shutdown		183
BS CT2(D)	2	Reserve Shutdown	1/8/2025	11:16:00	1/8/2025	12:40:00	1.4			Reserve Shutdown		183
BS CT2(D)	3	Unplanned (Forced)	1/8/2025	12:40:00	1/10/2025	17:53:00	53.22			Unit 2D Bus Accessory Compartment VT fuse issue		183
BS CT2(D)	4	Reserve Shutdown	1/10/2025	17:53:00	1/19/2025	15:21:00	213.47					183
BS CT2(D)	5	Unplanned (Forced)	1/19/2025	15:21:00	1/20/2025	17:54:00	26.55	4619	Other hydrogen system problems	Unit 2D CT generator autopurged on a power outage. Refilling with hydrogen		183
BS CT2(D)	6	Reserve Shutdown	1/20/2025	17:54:00	1/22/2025	17:20:00	47.43					183
BS CT2(D)	7	Unplanned (Forced)	1/22/2025	17:20:00	1/31/2025	23:59:00	222.67			Unit 2D Bus Accessory Compartment damage causing Units 2A-C to be unavailable		183

Tampa Electric Company
Event Listing
January 2025

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	Unplanned (Forced) O	1/1/2025	0:00:00	1/31/2025	23:59:00	744 4012	Buckets or blades	Unit 2 ST tripped on high vibration due to HP turbine failureNote: Turbine had a fai			315

Tampa Electric Company
Event Listing
January 2025

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
BB CT5	1	Reserve Shutdown	1/24/2025	16:17:00	1/24/2025	17:41:00	1.4			Reserve Shutdown		350

Tampa Electric Company
Event Listing
January 2025

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
BB CT6	1	Reserve Shutdown	1/24/2025	21:37:00	1/24/2025	22:05:00	0.47			Reserve Shutdown		350
BB CT6	2	Unplanned (Forced) Outage - Immediat	1/24/2025	22:22:00	1/24/2025	23:01:00	0.65	0800	Drums and drum internals (singl	Operator brought CTG up too fast during blending process causing the HP Drum to go hig		350

Tampa Electric Company
Event Listing
January 2025

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 ST1	1	Unplanned (Forced) Outage - Immediat	1/24/2025	15:06:00	1/24/2025	20:18:00	5:2	4899	Other miscellaneous generator p	Engineering disconnected a fiber connection to a protection relay, causing the relay		419

Tampa Electric Company
 Event Listing
 January 2025

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	1	Reserve Shutdown	1/1/2025	7:44:00	1/1/2025	15:39:00	7.92			Reserve Shutdown		180
Polk 2	2	Reserve Shutdown	1/3/2025	11:39:00	1/5/2025	16:38:00	52.98			Reserve Shutdown		180
Polk 2	3	Reserve Shutdown	1/13/2025	21:45:00	1/15/2025	4:08:00	30.38			Reserve Shutdown		180
Polk 2	4	Reserve Shutdown	1/24/2025	9:52:00	1/24/2025	16:49:00	6.95			Reserve Shutdown		180
Polk 2	5	Reserve Shutdown	1/26/2025	9:13:00	1/26/2025	17:05:00	7.87			Reserve Shutdown		180
Polk 2	6	Reserve Shutdown	1/27/2025	9:07:00	1/27/2025	16:54:00	7.78			Reserve Shutdown		180
Polk 2	7	Reserve Shutdown	1/29/2025	11:21:00	1/30/2025	5:11:00	17.83			Reserve Shutdown		180
Polk 2	8	Reserve Shutdown	1/30/2025	23:12:00	1/31/2025	23:59:00	24.8			Reserve Shutdown		180

Tampa Electric Company
 Event Listing
 January 2025

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	1	Unplanned (Forced) Derating - Immediat	1/8/2025	0:40:00	1/8/2025	10:04:00	9.4	3999	Other miscellaneous balance of plant problemCT5 derate also derates steam turbine.		468	480
Polk 2 ST	2	Maintenance Derating	1/8/2025	10:04:00	1/8/2025	13:05:00	3.02	3999	Other miscellaneous balance of plant problemCT5 swapped to simple cycle for GE to properly tune the CT.		360	480
Polk 2 ST	3	Unplanned (Forced) Derating - Immediat	1/9/2025	17:34:00	1/9/2025	17:50:00	0.27	3999	Other miscellaneous balance of plant problemCT5 derate also derates steam turbine.		386.12	480

Tampa Electric Company
 Event Listing
 January 2025

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	1	Reserve Shutdown	1/4/2025	9:08:00	1/4/2025	16:14:00	7.1			Reserve Shutdown		180
Polk 3	2	Reserve Shutdown	1/9/2025	9:23:00	1/9/2025	11:42:00	2.32			Reserve Shutdown		180
Polk 3	3	Reserve Shutdown	1/9/2025	12:33:00	1/9/2025	20:55:00	8.37			Reserve Shutdown		180
Polk 3	4	Reserve Shutdown	1/10/2025	9:05:00	1/10/2025	17:43:00	8.63			Reserve Shutdown		180
Polk 3	5	Reserve Shutdown	1/24/2025	10:25:00	1/24/2025	17:43:00	7.3			Reserve Shutdown		180
Polk 3	6	Reserve Shutdown	1/25/2025	9:26:00	1/26/2025	2:28:00	17.03			Reserve Shutdown		180
Polk 3	7	Reserve Shutdown	1/27/2025	11:01:00	1/29/2025	4:21:00	41.33			Reserve Shutdown		180
Polk 3	8	Reserve Shutdown	1/30/2025	8:35:00	1/31/2025	16:19:00	31.73			Reserve Shutdown		180

Tampa Electric Company
 Event Listing
 January 2025

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	1	Reserve Shutdown	1/1/2025	0:00:00	1/2/2025	16:23:00	40.38		Reserve Shutdown		180	180
Polk 4	2	Reserve Shutdown	1/5/2025	9:20:00	1/7/2025	15:33:00	54.22		Reserve Shutdown		180	180
Polk 4	3	Reserve Shutdown	1/10/2025	23:27:00	1/11/2025	15:05:00	15.63		Reserve Shutdown		180	180
Polk 4	4	Reserve Shutdown	1/12/2025	21:32:00	1/13/2025	4:06:00	6.57		Reserve Shutdown		180	180
Polk 4	5	Reserve Shutdown	1/14/2025	22:26:00	1/15/2025	16:48:00	18.37		Reserve Shutdown		180	180
Polk 4	6	Reserve Shutdown	1/15/2025	21:01:00	1/20/2025	15:22:00	114.35		Reserve Shutdown		180	180
Polk 4	7	Reserve Shutdown	1/25/2025	10:32:00	1/27/2025	5:26:00	42.9		Reserve Shutdown		180	180
Polk 4	8	Reserve Shutdown	1/27/2025	21:33:00	1/29/2025	16:17:00	42.73		Reserve Shutdown		180	180
Polk 4	9	Reserve Shutdown	1/29/2025	22:15:00	1/30/2025	16:37:00	18.37		Reserve Shutdown		180	180

Tampa Electric Company
Event Listing
January 2025

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	1	Reserve Shutdown	1/1/2025	0:00:00	1/3/2025	16:46:00	64.77			Reserve Shutdown		180
Polk 5	2	Unplanned (Forced) Derating - Immedia	1/8/2025	0:40:00	1/8/2025	13:05:00	12.42	5042	Fuel nozzles/vanes	CT derated to 160 MW due to combustion dynamics issues.	160	180
Polk 5	3	Reserve Shutdown	1/8/2025	13:05:00	1/8/2025	14:43:00	1.63			Reserve Shutdown		180
Polk 5	4	Unplanned (Forced) Derating - Immedia	1/9/2025	17:34:00	1/9/2025	17:50:00	0.27	5048	Gas fuel system including controls and instrumentation	Low fuel gas temperature caused CT runback, derated to 23.6 MW. Issue was tripped	23.54	180
Polk 5	5	Reserve Shutdown	1/11/2025	0:17:00	1/12/2025	17:10:00	40.88			Reserve Shutdown		180
Polk 5	6	Reserve Shutdown	1/12/2025	23:16:00	1/14/2025	17:04:00	41.8			Reserve Shutdown		180
Polk 5	7	Reserve Shutdown	1/18/2025	5:13:00	1/18/2025	15:10:00	9.95			Reserve Shutdown		180
Polk 5	8	Reserve Shutdown	1/19/2025	1:36:00	1/19/2025	12:36:00	11			Reserve Shutdown		180