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November 22, 2021

ELECTRONIC FILING

Mr. Adam J. Teitzman, Commission Clerk
Office of Commission Clerk
Florida Public Service Commission
2540 Shumard Oak Boulevard
Tallahassee, Florida 32399-0850

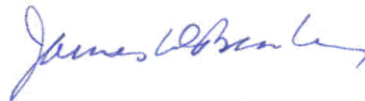
Re: Fuel and Purchased Power Cost Recovery Clause with Generating Performance
Incentive Factor; FPSC Docket No. 20210001-EI

Dear Mr. Teitzman:

Attached for filing in the above docket are Tampa Electric Company's GPIF Actual Unit
Performance Data Schedules for the month of October 2021.

Thank you for your assistance in connection with this matter.

Sincerely,



James D. Beasley

JDB/ne

Attachment

cc: All parties of record (w/attachment)

CERTIFICATE OF SERVICE

I HEREBY CERTIFY that a true and correct copy of the foregoing Schedules, filed on behalf of Tampa Electric Company, has been furnished by electronic mail on this 22nd day of November 2021 to the following:

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ATTORNEY

ORIGINAL SHEET NO. 8.401.19A
TAMPA ELECTRIC COMPANY

ACTUAL UNIT PERFORMANCE DATA

JANUARY 2021 - DECEMBER 2021

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-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	2021
1. Equivalent Availability Factor (%)	EAF	81.0	97.3	70.7	89.9	95.5	91.1	98.4	96.9	97.2	86.2			90.3
2. Period Hours	PH	744.0	672.0	743.0	720.0	744.0	720.0	744.0	744.0	720.0	744.0			7,295.0
3. Service Hours	SH	2.9	667.0	725.2	712.0	671.4	608.6	744.0	744.0	720.0	648.5			6,243.6
4. Reserve Shutdown Hours	RSH	599.3	0.0	0.0	0.0	40.4	49.2	0.0	0.0	0.0	0.0			688.9
5. Unavailable Hours	UH	141.7	12.9	148.0	49.4	32.2	62.2	8.0	15.3	13.2	96.0			578.9
6. Planned Outage Hours	POH	0.0	0.0	79.9	39.9	0.0	0.0	0.0	0.0	0.0	93.4			213.2
7. Forced Outage Hours	FOH	0.8	7.9	68.1	9.6	0.8	0.0	1.7	0.0	1.6	0.0			90.5
8. Maintenance Outage Hours	MOH	141.0	5.0	0.0	0.0	31.5	62.2	6.3	15.3	11.6	2.6			275.5
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	29.2	241.0	31.0	0.0	0.0	7.5	0.0	7.1	26.7			342.5
10b. Load Reduction Partial Forced (MW)	LRPF	0.0	79.0	79.0	69.0	0.0	0.0	78.9	0.0	79.0	141.0			82.9
11a. Partial Maintenance Outage Hours	PMOH	0.0	21.6	196.7	179.1	14.5	15.1	28.3	68.7	52.3	11.7			588.0
11b. Load Reduction Partial Maintenance (MW)	LRPM	0.0	79.0	185.3	79.0	79.1	79.1	79.0	79.0	79.0	79.0			114.6
12. Net Summer Continuous Rating (MW)	NSC	701.0	701.0	701.0	701.0	701.0	701.0	701.0	701.0	701.0	701.0			701.0
13. Operating British Thermal Units (GBTU)	OPR BTU	0.0	2,629.4	2,086.8	1,896.0	1,807.3	1,953.9	2,492.6	2,575.2	2,280.5	2,258.5			19,980.1
14. Net Generation (MWH)	NETGEN	0.0	356,616.9	281,193.7	252,014.3	238,038.7	261,453.6	334,585.1	348,617.0	307,281.9	304,462.4			2,684,263.6
15. Avg. Net Operating Heat Rate (BTU/KWH)	ANOHR	0.0	7,373.0	7,421.0	7,524.0	7,592.0	7,473.0	7,450.0	7,387.0	7,421.0	7,418.0			7,443.4
16. Net Output Factor (%)	NOF	0.0	67.5	49.0	50.5	50.6	61.3	64.2	66.8	60.9	67.0			59.0
17. Net Period Continuous Rating (MW)	NPC	792.0	792.0	792.0	701.0	701.0	701.0	701.0	701.0	701.0	701.0			728.3
18. Avg. Net Operating Heat Rate Equation		ANOHR = NOF (-2.852) + 7,630												

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

ORIGINAL SHEET NO. 8.401.19A
TAMPA ELECTRIC COMPANY

ACTUAL UNIT PERFORMANCE DATA

JANUARY 2021 - DECEMBER 2021

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-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	2021
1. Equivalent Availability Factor (%)	EAF	98.4	99.6	97.3	96.4	83.7	94.8	100.0	97.0	99.4	99.5			96.6
2. Period Hours	PH	744.0	672.0	743.0	720.0	744.0	720.0	744.0	744.0	720.0	744.0			7,295.0
3. Service Hours	SH	744.0	672.0	742.0	720.0	744.0	720.0	744.0	744.0	715.8	744.0			7,289.8
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	7.3	1.8	14.3	17.4	81.2	25.0	0.0	14.7	4.3	2.6			168.6
6. Planned Outage Hours	POH	0.0	0.0	0.0	1.3	81.2	25.0	0.0	0.0	0.0	0.0			107.5
7. Forced Outage Hours	FOH	0.0	1.8	0.0	16.1	0.0	0.0	0.0	0.1	4.3	2.6			24.9
8. Maintenance Outage Hours	MOH	7.3	0.0	14.3	0.0	0.0	0.0	0.0	14.6	0.0	0.0			36.2
9a. Partial Planned Outage Hours	PPOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			0.0
9b. Load Reduction Partial Planned (MW)	LRPP	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			0.0
10a. Partial Forced Outage Hours	PFOH	0.0	10.5	0.0	95.9	0.0	0.0	0.0	0.8	0.0	15.7			122.9
10b. Load Reduction Partial Forced (MW)	LRPF	0.0	77.0	0.0	77.0	0.0	0.0	0.0	77.3	0.0	77.0			77.0
11a. Partial Maintenance Outage Hours	PMOH	65.9	0.0	81.8	7.9	483.3	148.9	0.0	87.6	0.0	0.0			875.2
11b. Load Reduction Partial Maintenance (MW)	LRPM	77.0	0.0	77.0	77.0	77.0	77.0	0.0	77.0	0.0	0.0			77.0
12. Net Summer Continuous Rating (MW)	NSC	929.0	929.0	929.0	929.0	929.0	929.0	929.0	929.0	929.0	929.0			929.0
13. Operating British Thermal Units (GBTU)	OPR BTU	2,941.7	3,623.8	3,326.4	2,405.3	2,292.7	3,237.0	3,660.5	3,348.3	2,662.9	3,399.1			30,897.5
14. Net Generation (MWH)	NETGEN	394,036.0	493,064.0	449,494.3	322,071.7	302,913.2	440,655.5	498,654.1	457,316.9	358,700.0	463,805.5			4,180,711.2
15. Avg. Net Operating Heat Rate (BTU/KWH)	ANOHR	7,466.0	7,349.0	7,400.0	7,468.0	7,569.0	7,346.0	7,341.0	7,322.0	7,424.0	7,329.0			7,390.5
16. Net Output Factor (%)	NOF	50.6	70.1	57.8	48.2	43.8	65.9	72.2	66.2	54.6	67.1			59.5
17. Net Period Continuous Rating (MW)	NPC	1,047.0	1,047.0	1,047.0	929.0	929.0	929.0	929.0	929.0	929.0	929.0			964.4
18. Avg. Net Operating Heat Rate Equation		ANOHR = NOF (-6.673) + 7,965												

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

ORIGINAL SHEET NO. 8.401.19A
TAMPA ELECTRIC COMPANY

ACTUAL UNIT PERFORMANCE DATA

JANUARY 2021 - DECEMBER 2021

PLANT/UNIT		MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	PERIOD	
BIG BEND 4		Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	2021
1. Equivalent Availability Factor (%)	EAF	52.0	79.5	69.5	18.7	57.1	82.2	37.4	81.2	82.2	20.3			57.7
2. Period Hours	PH	744.0	672.0	743.0	720.0	744.0	720.0	744.0	744.0	720.0	744.0			7,295.0
3. Service Hours	SH	534.6	653.4	641.5	313.9	589.9	720.0	410.5	741.8	720.0	183.8			5,509.4
4. Reserve Shutdown Hours	RSH	104.6	18.6	1.0	0.0	28.4	0.0	0.0	0.0	0.0	0.0			152.6
5. Unavailable Hours	UH	104.8	0.0	100.5	406.1	125.7	0.0	333.5	2.2	0.0	560.2			1,633.0
6. Planned Outage Hours	POH	0.0	0.0	96.2	400.9	0.0	0.0	0.0	0.0	0.0	560.2			1,057.3
7. Forced Outage Hours	FOH	4.3	0.0	4.3	5.3	0.0	0.0	0.0	2.2	0.0	0.0			16.1
8. Maintenance Outage Hours	MOH	100.5	0.0	0.0	0.0	125.7	0.0	333.5	0.0	0.0	0.0			559.7
9a. Partial Planned Outage Hours	PPOH	643.5	672.0	643.5	714.8	618.3	720.0	410.5	741.8	720.0	183.8			6,068.2
9b. Load Reduction Partial Planned (MW)	LRPP	85.0	85.0	85.0	75.0	75.0	75.0	75.0	78.2	75.0	75.0			78.6
10a. Partial Forced Outage Hours	PFOH	336.0	24.1	0.0	129.5	441.3	0.0	113.6	0.0	0.0	0.0			1,044.5
10b. Load Reduction Partial Forced (MW)	LRPF	161.5	105.0	0.0	169.2	80.0	0.0	220.0	0.0	0.0	0.0			133.1
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	422.0	422.0	422.0	422.0	422.0	422.0	422.0	422.0	422.0	422.0			422.0
13. Operating British Thermal Units (GBTU)	OPR BTU	1,135.4	2,224.0	1,699.2	936.4	1,619.8	2,011.5	977.8	2,387.5	2,598.0	608.4			16,198.1
14. Net Generation (MWH)	NETGEN	114,956.0	212,466.0	159,431.0	78,608.0	151,856.0	183,123.0	84,384.0	217,485.0	245,778.0	62,714.0			1,510,801.0
15. Avg. Net Operating Heat Rate (BTU/KWH)	ANOHR	9,877.0	10,468.0	10,658.0	11,912.0	10,667.0	10,984.0	11,587.0	10,978.0	10,570.0	9,702.0			10,721.5
16. Net Output Factor (%)	NOF	49.8	75.3	57.4	59.4	61.0	60.3	48.7	69.5	80.9	80.9			64.5
17. Net Period Continuous Rating (MW)	NPC	432.0	432.0	432.0	422.0	422.0	422.0	422.0	422.0	422.0	422.0			425.0
18. Avg. Net Operating Heat Rate Equation		ANOHR = NOF (-5.6236) + 11,149												

ORIGINAL SHEET NO. 8.401.19A
TAMPA ELECTRIC COMPANY

ACTUAL UNIT PERFORMANCE DATA

JANUARY 2021 - DECEMBER 2021

PLANT/UNIT		MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	PERIOD
POLK 1		Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	2021
1. Equivalent Availability Factor (%)	EAF	73.4	99.9	91.9	88.9	58.4	0.0	0.0	0.0	0.1	67.6			47.7
2. Period Hours	PH	744.0	672.0	743.0	720.0	744.0	720.0	744.0	744.0	720.0	744.0			7,295.0
3. Service Hours	SH	73.3	63.4	343.5	312.4	434.4	0.0	0.0	0.0	0.9	420.2			1,648.1
4. Reserve Shutdown Hours	RSH	472.9	608.0	385.5	327.3	0.0	0.0	0.0	0.0	0.0	82.7			1,876.4
5. Unavailable Hours	UH	197.9	0.6	15.0	80.3	309.6	720.0	744.0	744.0	719.4	241.1			3,771.9
6. Planned Outage Hours	POH	0.0	0.0	0.0	0.0	309.6	216.0	0.0	0.0	0.0	105.9			631.5
7. Forced Outage Hours	FOH	197.9	0.6	15.0	80.3	0.0	504.0	744.0	744.0	719.4	135.2			3,140.4
8. Maintenance Outage Hours	MOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			0.0
9a. Partial Planned Outage Hours	PPOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			0.0
9b. Load Reduction Partial Planned (MW)	LRPP	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			0.0
10a. Partial Forced Outage Hours	PFOH	0.0	0.0	125.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0			125.2
10b. Load Reduction Partial Forced (MW)	LRPF	0.0	0.0	77.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			77.0
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	202.0	202.0	202.0	202.0	202.0	202.0	202.0	202.0	202.0	202.0			202.0
13. Operating British Thermal Units (GBTU)	OPR BTU	82.2	88.1	437.0	405.5	575.6	0.0	0.0	0.0	0.6	497.7			2,086.7
14. Net Generation (MWH)	NETGEN	7,975.0	7,431.0	47,770.0	45,983.0	67,820.0	-2,567.0	-2,999.0	-2,848.0	-2,577.0	55,884.0			221,872.0
15. Avg. Net Operating Heat Rate (BTU/KWH)	ANOHR	10,308.0	11,856.0	9,149.0	8,818.0	8,487.0	0.0	0.0	0.0	0.0	8,907.0			9,405.2
16. Net Output Factor (%)	NOF	47.3	50.9	60.5	72.9	77.3	0.0	0.0	0.0	-1,500.9	65.8			64.0
17. Net Period Continuous Rating (MW)	NPC	230.0	230.0	230.0	202.0	202.0	202.0	202.0	202.0	202.0	202.0			210.4
18. Avg. Net Operating Heat Rate Equation		ANOHR = NOF (-7.778) + 10,842												

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

ORIGINAL SHEET NO. 8.401.19A
TAMPA ELECTRIC COMPANY

ACTUAL UNIT PERFORMANCE DATA

JANUARY 2021 - DECEMBER 2021

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-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	2021
1. Equivalent Availability Factor (%)	EAF	99.8	58.5	71.1	75.4	86.2	96.7	99.3	97.5	100.0	88.9			87.6
2. Period Hours	PH	744.0	672.0	743.0	720.0	744.0	720.0	744.0	744.0	720.0	744.0			7,295.0
3. Service Hours	SH	741.3	43.1	445.6	720.0	741.4	720.0	744.0	744.0	720.0	744.0			6,363.4
4. Reserve Shutdown Hours	RSH	1.3	349.7	146.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			497.0
5. Unavailable Hours	UH	1.4	279.2	151.4	96.8	56.4	23.6	5.2	17.9	0.1	82.6			714.6
6. Planned Outage Hours	POH	1.1	268.8	143.2	96.8	29.6	11.3	0.0	9.7	0.0	73.8			634.3
7. Forced Outage Hours	FOH	0.3	0.0	8.2	0.0	26.8	12.3	5.2	3.8	0.1	7.7			64.4
8. Maintenance Outage Hours	MOH	0.0	10.4	0.0	0.0	0.0	0.0	0.0	4.5	0.0	1.2			16.1
9a. Partial Planned Outage Hours	PPOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			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	1.0	0.0	0.0	0.0	181.6	2.9	0.0	17.3	0.0	0.0			202.8
10b. Load Reduction Partial Forced (MW)	LRPF	124.8	0.0	0.0	0.0	133.6	32.4	0.0	31.9	0.0	0.0			123.4
11a. Partial Maintenance Outage Hours	PMOH	0.0	0.0	218.3	661.1	206.6	0.0	2.1	0.0	0.0	0.0			1,088.1
11b. Load Reduction Partial Maintenance (MW)	LRPM	0.0	0.0	349.6	129.2	120.0	0.0	106.9	0.0	0.0	0.0			171.6
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	3,751.0	185.9	2,381.5	3,202.4	3,557.7	4,023.5	4,471.3	4,289.3	4,279.9	3,446.0			33,588.7
14. Net Generation (MWH)	NETGEN	538,346.0	13,910.0	317,805.0	454,215.0	503,977.0	575,457.0	641,134.0	611,105.0	610,131.0	486,762.0			4,752,842.0
15. Avg. Net Operating Heat Rate (BTU/KWH)	ANOHR	6,968.0	13,368.0	7,494.0	7,050.0	7,059.0	6,992.0	6,974.0	7,019.0	7,015.0	7,080.0			7,067.1
16. Net Output Factor (%)	NOF	60.5	26.9	59.3	59.5	64.1	75.3	81.2	77.4	79.9	61.7			67.7
17. Net Period Continuous Rating (MW)	NPC	1,200.0	1,200.0	1,200.0	1,061.0	1,061.0	1,061.0	1,061.0	1,061.0	1,061.0	1,061.0			1,102.7
18. Avg. Net Operating Heat Rate Equation		ANOHR = NOF (-53.862) + 11,266												

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

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Unit	Event Number	Event Type	Event Begin Date	Event Begin Time	Event End Date	Event End Time	Event Duration	Cause Code	Cause Code Description	Narrative	Net Available Capacity	Net Dependable Capacity
BS CT1(A)	166	Reserve Shutdown	10/1/2021	0:27:00	10/1/2021	12:41:00	12.23			Reserve Shutdown		156
BS CT1(A)	167	Reserve Shutdown	10/1/2021	23:55:00	10/2/2021	12:13:00	12.3			Reserve Shutdown		156
BS CT1(A)	168	Reserve Shutdown	10/3/2021	9:15:00	10/3/2021	15:40:00	6.42			Reserve Shutdown		156
BS CT1(A)	169	Reserve Shutdown	10/4/2021	1:15:00	10/4/2021	15:50:00	14.58			Reserve Shutdown		156
BS CT1(A)	170	Reserve Shutdown	10/4/2021	23:24:00	10/5/2021	4:00:00	4.6			Reserve Shutdown		156
BS CT1(A)	171	Maintenance Outage	10/5/2021	4:00:00	10/5/2021	15:41:00	11.68	5048	Gas fuel system including controls and instrument	1A CT Maintenance Outage to repair significant water leak on Fuel Gas Heat Exchanger		156
BS CT1(A)	172	Reserve Shutdown	10/5/2021	15:41:00	10/6/2021	12:33:00	20.87					156
BS CT1(A)	173	Reserve Shutdown	10/7/2021	1:32:00	10/7/2021	12:55:00	11.38			Reserve Shutdown		156
BS CT1(A)	174	Reserve Shutdown	10/7/2021	23:41:00	10/8/2021	11:09:00	11.47			Reserve Shutdown		156
BS CT1(A)	175	Reserve Shutdown	10/8/2021	20:34:00	10/9/2021	10:56:00	14.37			Reserve Shutdown		156
BS CT1(A)	176	Unplanned (Forced) C	10/10/2021	12:44:00	10/11/2021	15:25:00	26.68	3999	Other miscellaneous balance of plant problems	LP Admission Valve on ST1 failed and wouldn't open	125	156
BS CT1(A)	177	Reserve Shutdown	10/17/2021	6:45:00	10/17/2021	14:56:00	8.18			Reserve Shutdown		156
BS CT1(A)	178	Reserve Shutdown	10/18/2021	9:26:00	10/19/2021	14:07:00	28.68			Reserve Shutdown		156
BS CT1(A)	179	Reserve Shutdown	10/23/2021	3:55:00	10/23/2021	11:18:00	7.38			Reserve Shutdown		156
BS CT1(A)	180	Reserve Shutdown	10/28/2021	0:31:00	10/28/2021	2:34:00	2.05			Reserve Shutdown		156
BS CT1(A)	181	Planned Outage	10/28/2021	2:34:00	10/31/2021	23:59:00	93.43	1810	Other boiler inspections	1A-1B-1C HRSG Pressure Wave Cleaning, and Inspection/Repairs to follow.		156

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Unit	Event Number	Event Type	Event Begin Date	Event Begin Time	Event End Date	Event End Time	Event Duration	Cause Code	Cause Code Description	Narrative	Net Available Capacity	Net Dependable Capacity
BS CT1(B)	127	Reserve Shutdown	10/3/2021	8:29:00	10/4/2021	12:45:00	28.27			Reserve Shutdown		156
BS CT1(B)	128	Unplanned (Forced) I	10/10/2021	12:44:00	10/11/2021	15:25:00	26.68	3999	Other miscellaneous balan	LP Admission Valve on ST1 failed and wouldn't open	125	156
BS CT1(B)	129	Reserve Shutdown	10/27/2021	8:25:00	10/27/2021	15:23:00	6.97			Reserve Shutdown		156
BS CT1(B)	130	Reserve Shutdown	10/27/2021	21:49:00	10/28/2021	2:34:00	4.75			Reserve Shutdown		156
BS CT1(B)	131	Planned Outage	10/28/2021	2:34:00	10/31/2021	23:59:00	93.43	1810	Other boiler inspections	1A-1B-1C HRSFG Pressure Wave Cleaning, and Inspection/Repairs to follow.		156

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Unit	Event Number	Event Type	Event Begin Date	Event Begin Time	Event End Date	Event End Time	Event Duration	Cause Code	Cause Code Description	Narrative	Net Available Capacity	Net Dependable Capacity
BS CT1(C)	205	Reserve Shutdown	10/1/2021	5:05:00	10/1/2021	14:44:00	9.65			Reserve Shutdown		156
BS CT1(C)	206	Reserve Shutdown	10/2/2021	1:13:00	10/2/2021	13:32:00	12.32			Reserve Shutdown		156
BS CT1(C)	207	Reserve Shutdown	10/5/2021	3:35:00	10/5/2021	10:59:00	7.4			Reserve Shutdown		156
BS CT1(C)	208	Reserve Shutdown	10/6/2021	18:56:00	10/7/2021	10:45:00	15.82			Reserve Shutdown		156
BS CT1(C)	209	Reserve Shutdown	10/9/2021	0:33:00	10/9/2021	11:50:00	11.28			Reserve Shutdown		156
BS CT1(C)	210	Unplanned (Forced) D	10/10/2021	12:44:00	10/11/2021	15:25:00	26.68	3999	Other miscellaneous balance of plant problem	LP Admission Valve on ST1 failed and wouldn't open	125	156
BS CT1(C)	211	Reserve Shutdown	10/12/2021	1:32:00	10/12/2021	16:13:00	14.68			Reserve Shutdown		156
BS CT1(C)	212	Reserve Shutdown	10/16/2021	9:01:00	10/16/2021	16:06:00	7.08			Reserve Shutdown		156
BS CT1(C)	213	Reserve Shutdown	10/17/2021	9:38:00	10/18/2021	12:56:00	27.3			Reserve Shutdown		156
BS CT1(C)	214	Reserve Shutdown	10/22/2021	1:19:00	10/22/2021	12:49:00	11.5			Reserve Shutdown		156
BS CT1(C)	215	Reserve Shutdown	10/27/2021	1:10:00	10/27/2021	14:01:00	12.85			Reserve Shutdown		156
BS CT1(C)	216	Reserve Shutdown	10/27/2021	18:58:00	10/28/2021	2:34:00	7.6			Reserve Shutdown		156
BS CT1(C)	217	Planned Outage	10/28/2021	2:34:00	10/31/2021	23:59:00	93.43	1810	Other boiler inspections	1A-1B-1C HRSG Pressure Wave Cleaning, and Inspection/Repairs to follow.		156

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Unit	Event Number	Event Type	Event Begin Date	Event Begin Time	Event End Date	Event End Time	Event Duration	Cause Code	Cause Code Description	Narrative	Net Available Capacity	Net Dependable Capacity
BS ST 1	62	Maintenance Derating	10/5/2021	4:00:00	10/5/2021	15:41:00	11.68	3999	Other miscellaneous balance of plant problems	1A CT Maintenance Outage to repair significant water leak on Fuel Gas F	154	233
BS ST 1	63	Unplanned (Forced) Derating - Immediate	10/10/2021	12:44:00	10/11/2021	15:25:00	26.68	4261	Control valves	LP Admission Valve on ST1 failed and wouldn't open	185	233
BS ST 1	64	Reserve Shutdown	10/28/2021	0:28:00	10/28/2021	2:34:00		2.1		Reserve Shutdown		233
BS ST 1	65	Planned Outage	10/28/2021	2:34:00	10/31/2021	23:59:00	93.43	3123	Hot well	Condenser and Hotwell Inspection/Repairs. Circulating Water System Tunnel Cleaning/Rep		233

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Unit	Event Number	Event Type	Event Begin Date	Event Begin Time	Event End Date	Event End Time	Event Duration	Cause Code	Cause Code Description	Narrative	Net Available Capacity	Net Dependable Capacity
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Tampa Electric Company
 Outage Listing
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Unit	Event Number	Event Type	Event Begin Date	Event Begin Time	Event End Date	Event End Time	Event Duration	Cause Code	Cause Code Description	Narrative	Net Available Capacity	Net Dependable Capacity
BS CT2(B)	42	Reserve Shutdown	10/3/2021	1:23:00	10/3/2021	12:14:00	10.85			Reserve Shutdown		156
BS CT2(B)	43	Reserve Shutdown	10/18/2021	8:29:00	10/19/2021	13:53:00	29.4			Reserve Shutdown		156

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Unit	Event Number	Event Type	Event Begin Date	Event Begin Time	Event End Date	Event End Time	Event Duration	Cause Code	Cause Code Description	Narrative	Net Available Capacity	Net Dependable Capacity
BS CT2(C)	124	Reserve Shutdown	10/1/2021	0:00:00	10/1/2021	13:50:00	13.83			Reserve Shutdown		156
BS CT2(C)	125	Reserve Shutdown	10/3/2021	0:21:00	10/3/2021	13:12:00	12.85			Reserve Shutdown		156
BS CT2(C)	126	Reserve Shutdown	10/3/2021	23:34:00	10/4/2021	13:51:00	14.28			Reserve Shutdown		156
BS CT2(C)	127	Reserve Shutdown	10/5/2021	0:30:00	10/5/2021	12:30:00	12			Reserve Shutdown		156
BS CT2(C)	128	Reserve Shutdown	10/6/2021	0:33:00	10/6/2021	13:20:00	12.78			Reserve Shutdown		156
BS CT2(C)	129	Reserve Shutdown	10/7/2021	0:33:00	10/7/2021	11:49:00	11.27			Reserve Shutdown		156
BS CT2(C)	130	Reserve Shutdown	10/9/2021	8:07:00	10/9/2021	15:06:00	6.98			Reserve Shutdown		156
BS CT2(C)	131	Reserve Shutdown	10/10/2021	3:44:00	10/10/2021	12:09:00	8.42			Reserve Shutdown		156
BS CT2(C)	132	Reserve Shutdown	10/11/2021	9:43:00	10/11/2021	17:26:00	7.72			Reserve Shutdown		156
BS CT2(C)	133	Reserve Shutdown	10/13/2021	1:51:00	10/13/2021	15:48:00	13.95			Reserve Shutdown		156
BS CT2(C)	134	Reserve Shutdown	10/14/2021	1:35:00	10/14/2021	15:25:00	13.83			Reserve Shutdown		156
BS CT2(C)	135	Reserve Shutdown	10/15/2021	9:52:00	10/15/2021	16:42:00	6.83			Reserve Shutdown		156
BS CT2(C)	136	Startup Failure	10/15/2021	16:42:00	10/16/2021	8:23:00	15.68	3629	Other switchyard or high voltage system problems - e	2C CT main 230kv Circuit Breaker would not close in due to a failed "trip coil" inside		156
BS CT2(C)	137	Reserve Shutdown	10/18/2021	0:35:00	10/18/2021	15:02:00	14.45			Reserve Shutdown		156
BS CT2(C)	138	Reserve Shutdown	10/19/2021	9:53:00	10/19/2021	16:53:00	7			Reserve Shutdown		156
BS CT2(C)	139	Reserve Shutdown	10/20/2021	1:07:00	10/20/2021	18:38:00	17.52			Reserve Shutdown		156
BS CT2(C)	140	Reserve Shutdown	10/21/2021	10:17:00	10/22/2021	14:29:00	28.2			Reserve Shutdown		156
BS CT2(C)	141	Reserve Shutdown	10/23/2021	1:01:00	10/23/2021	11:45:00	10.73			Reserve Shutdown		156
BS CT2(C)	142	Reserve Shutdown	10/25/2021	2:17:00	10/25/2021	14:24:00	12.12			Reserve Shutdown		156
BS CT2(C)	143	Reserve Shutdown	10/27/2021	9:19:00	10/27/2021	16:17:00	6.97			Reserve Shutdown		156
BS CT2(C)	144	Reserve Shutdown	10/29/2021	2:44:00	10/30/2021	16:28:00	37.73			Reserve Shutdown		156
BS CT2(C)	145	Reserve Shutdown	10/31/2021	9:34:00	10/31/2021	21:35:00	12.02			Reserve Shutdown		156

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Unit	Event Number	Event Type	Event Begin Date	Event Begin Time	Event End Date	Event End Time	Event Duration	Cause Code	Cause Code Description	Narrative	Net Available Capacity	Net Dependable Capacity
BS CT2(D)	130	Reserve Shutdown	10/1/2021	0:00:00	10/2/2021	13:34:00	37.57			Reserve Shutdown		156
BS CT2(D)	131	Reserve Shutdown	10/2/2021	23:41:00	10/3/2021	14:26:00	14.75			Reserve Shutdown		156
BS CT2(D)	132	Reserve Shutdown	10/3/2021	21:28:00	10/5/2021	14:47:00	41.32			Reserve Shutdown		156
BS CT2(D)	133	Reserve Shutdown	10/5/2021	21:05:00	10/6/2021	16:38:00	19.55			Reserve Shutdown		156
BS CT2(D)	134	Reserve Shutdown	10/6/2021	23:30:00	10/7/2021	14:29:00	14.98			Reserve Shutdown		156
BS CT2(D)	135	Reserve Shutdown	10/7/2021	21:32:00	10/8/2021	11:59:00	14.45			Reserve Shutdown		156
BS CT2(D)	136	Reserve Shutdown	10/10/2021	1:09:00	10/10/2021	13:11:00	12.03			Reserve Shutdown		156
BS CT2(D)	137	Reserve Shutdown	10/11/2021	1:52:00	10/11/2021	12:15:00	10.38			Reserve Shutdown		156
BS CT2(D)	138	Reserve Shutdown	10/12/2021	0:27:00	10/12/2021	13:46:00	13.32			Reserve Shutdown		156
BS CT2(D)	139	Reserve Shutdown	10/17/2021	0:02:00	10/17/2021	15:54:00	15.87			Reserve Shutdown		156
BS CT2(D)	140	Reserve Shutdown	10/18/2021	23:58:00	10/19/2021	15:20:00	15.37			Reserve Shutdown		156
BS CT2(D)	141	Reserve Shutdown	10/27/2021	10:15:00	10/27/2021	18:13:00	7.97			Reserve Shutdown		156
BS CT2(D)	142	Reserve Shutdown	10/30/2021	10:29:00	10/31/2021	15:22:00	28.88			Reserve Shutdown		156

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Unit	Event Number	Event Type	Event Begin Date	Event Begin Time	Event End Date	Event End Time	Event Duration	Cause Code	Cause Code Description	Narrative	Net Available Capacity	Net Dependable Capacity
BS ST 2	15	Unplanned (Forced) Derating - Immediate	10/15/2021	16:42:00	10/16/2021	8:23:00	15.68	3629	Other switchyard or high voltage system problems - e 2C CT main 230kv Circuit Breaker would not close in due to a failed "trip c		228	305

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Unit	Event Number	Event Type	Event Begin Date	Event Begin Time	Event End Date	Event End Time	Event Duration	Cause Code	Cause Code Description	Narrative	Net Available Capacity	Net Dependable Capacity
Big Bend 4	19	Planned Der:	10/1/2021	0:00:00	10/1/2021	0:00:00	0	1035	Platen superheater	Reduced the steam header pressure (2000#) to preserve boiler tube integrity (reliabili	347	422
Big Bend 4	19	Planned Der:	10/1/2021	0:00:00	10/31/2021	23:59:00	744	1035	Platen superheater	Reduced the steam header pressure (2000#) to preserve boiler tube integrity (reliabili	347	422
Big Bend 4	43	Planned Out:	10/8/2021	15:46:00	10/31/2021	23:59:00	560.23	0385	Igniters	Natural gas burner upgrades		422

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Unit	Event Number	Event Type	Event Begin Date	Event Begin Time	Event End Date	Event End Time	Event Duration	Cause Code	Cause Code Description	Narrative	Net Available Capacity	Net Dependable Capacity
Polk 1	50	Unplanned (Forced) Outage - Immediate	10/1/2021	0:00:00	10/2/2021	11:57:00	35.95	4530	Stator core iron	Generator Outage extension - rewind		152
Polk 1	75	Unplanned (Forced) Outage - Immediate	10/1/2021	0:00:00	10/1/2021	0:00:00	0	3430	Feedwater regulating (boiler level control) valve	On Plant startup, HP drum level control valve began to leak at the body-to-bonnet join		152
Polk 1	51	Reserve Shutdown	10/20/2021	0:07:00	10/20/2021	1:30:00	1.38					152
Polk 1	52	Planned Outage	10/20/2021	1:30:00	10/23/2021	17:00:00	87.5	3612	Switchyard system protection devices - external (OM	Switchyard relay testing on 1A side station service feed, plus CT1 generator breaker t		152
Polk 1	53	Unplanned (Forced) Outage - Immediate	10/23/2021	17:00:00	10/27/2021	19:24:00	98.4	4810	Generator output breaker	During circuit breaker testing the mechanical linkage that operates internal switches		152
Polk 1	54	Reserve Shutdown	10/27/2021	19:24:00	10/31/2021	5:35:00	82.18					152
Polk 1	27	Planned Outage	10/31/2021	5:35:00	10/31/2021	23:59:00	18.42	3612	Switchyard system protection devices - external (OM	Planned outage, switchyard relay testing of 1B station service		152

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Unit	Event Number	Event Type	Event Begin Date	Event Begin Time	Event End Date	Event End Time	Event Duration	Cause Code	Cause Code Description	Narrative	Net Available Capacity	Net Dependable Capacity
Polk 1 ST	54	Unplanned (Forced) Outage - Immediate	10/1/2021	0:00:00	10/2/2021	15:20:00	39:33	3999	Other miscellaneous balance of	Extension of Forced Outage for CT1 Generator Rewind		50
Polk 1 ST	81	Unplanned (Forced) Outage - Immediate	10/1/2021	0:00:00	10/1/2021	0:00:00	0	3999	Other miscellaneous balance of	On Plant startup, HP drum level control valve began to leak at the body-to-bonnet join		50
Polk 1 ST	55	Reserve Shutdown	10/19/2021	23:56:00	10/20/2021	1:30:00	1:57					50
Polk 1 ST	56	Planned Outage	10/20/2021	1:30:00	10/23/2021	17:00:00	87:5	3612	Switchyard system protection c	Planned outage for switchyard relay testing of station Service 1A, plus CT1 generator		50
Polk 1 ST	57	Unplanned (Forced) Outage - Immediate	10/23/2021	17:00:00	10/27/2021	19:25:00	98:42	3629	Other switchyard or high voltag	During unit 1 CT circuit breaker testing, the mechanical linkage that operates interna		50
Polk 1 ST	58	Reserve Shutdown	10/27/2021	19:25:00	10/31/2021	5:35:00	82:17					50
Polk 1 ST	29	Planned Outage	10/31/2021	5:35:00	10/31/2021	23:59:00	18:42	3612	Switchyard system protection c	Planned outage for switchyard relay testing of station Service 1B.		50

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Unit	Event Number	Event Type	Event Begin Date	Event Begin Time	Event End Date	Event End Time	Event Duration	Cause Code	Cause Code Description	Narrative	Net Available Capacity	Net Dependable Capacity
Polk 2	165	Reserve Shutdown	10/4/2021	9:48:00	10/4/2021	12:05:00	2:28			Reserve Shutdown		150
Polk 2	166	Reserve Shutdown	10/11/2021	1:24:00	10/11/2021	11:20:00	9:93			Reserve Shutdown		150
Polk 2	167	Reserve Shutdown	10/17/2021	23:31:00	10/18/2021	13:00:00	13:48			Reserve Shutdown		150
Polk 2	168	Planned Outage	10/21/2021	22:36:00	10/28/2021	0:15:00	145.65	4610	Hydrogen cooling system piping	Planned cleanup outage to complete PM's and other various work orders		150
Polk 2	169	Startup Failure	10/28/2021	0:15:00	10/28/2021	7:50:00	7.58	5130	Starting system (including motr:8955 switch was sticking, did not allow start	Note:Generator		150

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Unit	Event Number	Event Type	Event Begin Date	Event Begin Time	Event End Date	Event End Time	Event Duration	Cause Code	Cause Code Description	Narrative	Net Available Capacity	Net Dependable Capacity
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Unit	Event Number	Event Type	Event Begin Date	Event Begin Time	Event End Date	Event End Time	Event Duration	Cause Code	Cause Code Description	Narrative	Net Available Capacity	Net Dependable Capacity
Polk 3	140	Reserve Shutdown	10/2/2021	21:31:00	10/3/2021	12:17:00	14.77			Reserve Shutdown		150
Polk 3	141	Reserve Shutdown	10/10/2021	0:56:00	10/10/2021	11:27:00	10.52			Reserve Shutdown		150
Polk 3	142	Reserve Shutdown	10/15/2021	1:49:00	10/15/2021	13:43:00	11.9			Reserve Shutdown		150
Polk 3	143	Reserve Shutdown	10/17/2021	2:04:00	10/17/2021	13:31:00	11.45			Reserve Shutdown		150
Polk 3	144	Reserve Shutdown	10/21/2021	23:57:00	10/22/2021	15:07:00	15.17			Reserve Shutdown		150
Polk 3	145	Unplanned (Forced) Outage - Immediate	10/22/2021	15:34:00	10/22/2021	16:32:00	0.97	0520	Other main steam valves (inclu	During CC Startup/merge, IP drum pressure was below header pressure. When IP drum pres		150
Polk 3	146	Reserve Shutdown	10/23/2021	9:07:00	10/23/2021	15:44:00	6.62			Reserve Shutdown		150
Polk 3	147	Reserve Shutdown	10/24/2021	2:04:00	10/24/2021	12:45:00	10.68			Reserve Shutdown		150
Polk 3	148	Reserve Shutdown	10/27/2021	0:01:00	10/27/2021	16:03:00	16.03			Reserve Shutdown		150

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Unit	Event Number	Event Type	Event Begin Date	Event Begin Time	Event End Date	Event End Time	Event Duration	Cause Code	Cause Code Description	Narrative	Net Available Capacity	Net Dependable Capacity
Polk 4	67	Planned Outage	10/8/2021	0:40:00	10/16/2021	7:14:00	198.57	8240	Bypass dampers	Planned outage for CT compressor EBI plus performing PM's and various work orders, inc		150
Polk 4	68	Reserve Shutdown	10/16/2021	7:14:00	10/16/2021	13:09:00	5.92			Reserve Shutdown		150
Polk 4	69	Maintenance Outage	10/19/2021	14:53:00	10/19/2021	23:13:00	8.33	3672	12-15kV conductors and buses	CTS Generator Output Pole-top disconnects broken. CT4 outage required in order to de-e		150
Polk 4	70	Unplanned (Forced) Outage - Immediate	10/19/2021	23:13:00	10/21/2021	20:12:00	44.98	3672	12-15kV conductors and buses	When restoring from the planned outage for CTS Pole-Top disconnects, the CT4 Pole-Top		150
Polk 4	71	Reserve Shutdown	10/26/2021	1:36:00	10/26/2021	16:04:00	14.47					150

Tampa Electric Company
 Outage Listing
 October 2021

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	37	Reserve Shutdown	10/6/2021	8:23:00	10/6/2021	15:21:00	6:57			Reserve Shutdown		150
Polk 5	38	Planned Outage	10/13/2021	0:03:00	10/20/2021	9:30:00	17:45	5032	Hot air filters	Planned cleanup outage to complete PM's and various work orders, including CT inlet air		150
Polk 5	39	Unplanned (Forced) Outage - Immediate	10/20/2021	11:59:00	10/20/2021	12:29:00	0:31	1799	Other boiler instrumentation and con Unit forced off due to release atomizer spray isolated (valve closed)			150
Polk 5	40	Reserve Shutdown	10/21/2021	0:07:00	10/22/2021	12:24:00	36:28			Reserve Shutdown		150