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December 20, 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

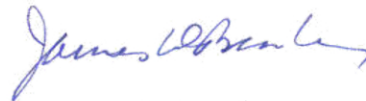
Re: Fuel and Purchased Power Cost Recovery Clause with Generating Performance
Incentive Factor; FPSC Docket No. 20210001-EI

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 November 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 20th day of December, 2021 to the following:

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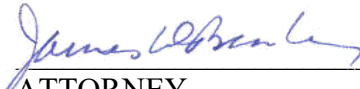
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ATTORNEY

ORIGINAL SHEET NO. 8.401.19A
TAMPA ELECTRIC COMPANY

ACTUAL UNIT PERFORMANCE DATA

JANUARY 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	62.7		87.8
2. Period Hours	PH	744.0	672.0	743.0	720.0	744.0	720.0	744.0	744.0	720.0	744.0	720.0		8,015.0
3. Service Hours	SH	2.9	667.0	725.2	712.0	671.4	608.6	744.0	744.0	720.0	648.5	473.1		6,716.7
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	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	263.6		842.5
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	258.8		472.0
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	0.1		90.6
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	4.7		280.2
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		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	29.2	241.0	31.0	0.0	0.0	7.5	0.0	7.1	26.7	21.5		364.0
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	79.0		82.7
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	21.0		609.0
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	79.0		113.3
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		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	1,923.3		21,903.4
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	264,011.2		2,948,274.8
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	7,285.0		7,429.2
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	79.6		60.5
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	701.0		725.8
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	93.0		96.3
2. Period Hours	PH	744.0	672.0	743.0	720.0	744.0	720.0	744.0	744.0	720.0	744.0	720.0		8,015.0
3. Service Hours	SH	744.0	672.0	742.0	720.0	744.0	720.0	744.0	744.0	715.8	744.0	671.2		7,961.0
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	7.3	1.8	14.3	17.4	81.2	25.0	0.0	14.7	4.3	2.6	50.0		218.6
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	49.2		156.7
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	0.7		25.6
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	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		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	10.5	0.0	95.9	0.0	0.0	0.0	0.8	0.0	15.7	4.4		127.3
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	77.3		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	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	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		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	3,669.3		34,566.8
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	499,604.7		4,680,315.9
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	7,344.0		7,385.6
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	80.1		61.2
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	929.0		961.2
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	-14.3		51.3
2. Period Hours	PH	744.0	672.0	743.0	720.0	744.0	720.0	744.0	744.0	720.0	744.0	720.0		8,015.0
3. Service Hours	SH	534.6	653.4	641.5	313.9	589.9	720.0	410.5	741.8	720.0	183.8	0.0		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	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	721.0		2,354.0
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	721.0		1,778.3
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	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	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	575.0		6,643.2
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	75.0		78.3
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	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	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		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	422.0	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	0.0		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	0.0		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	0.0		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	0.0		64.6
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	422.0		424.7
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:	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	57.0		84.8
2. Period Hours	PH	744.0	672.0	743.0	720.0	744.0	720.0	744.0	744.0	720.0	744.0	720.0		8,015.0
3. Service Hours	SH	741.3	43.1	445.6	720.0	741.4	720.0	744.0	744.0	720.0	744.0	342.6		6,706.0
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	67.9		564.9
5. Unavailable Hours	UH	1.4	279.2	151.4	96.8	56.4	23.6	5.2	17.9	0.1	82.6	309.5		1,024.1
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	273.5		907.8
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	24.6		89.0
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	11.3		27.4
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
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	1.0	0.0	0.0	0.0	181.6	2.9	0.0	17.3	0.0	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	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	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	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		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	1,482.0		35,070.8
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	193,718.0		4,946,560.0
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	7,651.0		7,089.9
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	53.3		67.1
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 (-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.

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	72.5		49.9
2. Period Hours	PH	744.0	672.0	743.0	720.0	744.0	720.0	744.0	744.0	720.0	744.0	720.0		8,015.0
3. Service Hours	SH	73.3	63.4	343.5	312.4	434.4	0.0	0.0	0.0	0.9	420.2	322.6		1,970.7
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	199.2		2,075.6
5. Unavailable Hours	UH	197.9	0.6	15.0	80.3	309.6	720.0	744.0	744.0	719.4	241.1	198.2		3,970.1
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	147.8		779.3
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	50.4		3,190.8
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		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		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	125.2	0.0	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	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		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	202.0	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	421.7		2,508.5
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	46,769.0		268,641.0
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	9,017.0		9,337.6
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	71.8		65.0
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	202.0		209.6
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.

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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)	90	Planned Outage	11/1/2021	0:00:00	11/11/2021	23:49:00	264.82	1810	Other boiler inspections	1A-1B-1C HRSG Pressure Wave Cleaning, and Inspection/Repairs to follow.		156
BS CT1(A)	91	Reserve Shutdown	11/11/2021	23:49:00	11/12/2021	13:11:00	13.37			Reserve Shutdown		156
BS CT1(A)	92	Reserve Shutdown	11/12/2021	21:31:00	11/13/2021	8:32:00	11.02			Reserve Shutdown		156
BS CT1(A)	93	Reserve Shutdown	11/14/2021	9:23:00	11/14/2021	16:19:00	6.93			Reserve Shutdown		156
BS CT1(A)	94	Reserve Shutdown	11/28/2021	11:34:00	11/28/2021	19:16:00	7.7			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 CT1(B)	65	Planned Outage	11/1/2021	0:00:00	11/11/2021	6:12:00	247.2	1810	Other boiler inspections	1A-1B-1C HRS Pressure Wave Cleaning, and inspection/Repairs to follow.		156
BS CT1(B)	66	Reserve Shutdown	11/30/2021	23:17:00	11/30/2021	23:29:00	0.2			Reserve Shutdown		156
BS CT1(B)	67	Unplanned (Forced) C	11/30/2021	23:29:00	11/30/2021	23:59:00	0.52	5250	Other controls and instrun	The generator breaker did not open at the right time. The breaker was tripped by 86		156

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 Outage Listing
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Unit	Event Number	Event Type	Event Begin Date	Event Begin Time	Event End Date	Event End Time	Event Duration	Cause Code	Cause Code Description	Narrative	Net Available Capacity	Net Dependable Capacity
BS CT1(C)	108	Planned Outage	11/1/2021	0:00:00	11/12/2021	2:16:00	267.27	1810	Other boiler inspections	1A-1B-1C HRSG Pressure Wave Cleaning, and Inspection/Repairs to follow.		156
BS CT1(C)	109	Reserve Shutdown	11/12/2021	2:16:00	11/12/2021	8:07:00	5.85			Reserve Shutdown		156
BS CT1(C)	110	Maintenance Outage	11/16/2021	21:26:00	11/17/2021	18:28:00	21.03	5049	Other fuel system problems	1C Fuel gas skid performance heater head leak.		156
BS CT1(C)	111	Reserve Shutdown	11/26/2021	21:25:00	11/27/2021	15:40:00	18.25			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 1	32	Planned Outage	11/1/2021	0:00:00	11/11/2021	15:44:00	256.73	3123	Hot well	Condenser and Hotwell Inspection/Repairs. Circulating Water System Tunnel Cleaning/Rep		233
BS ST 1	33	Maintenance Derating	11/16/2021	21:26:00	11/17/2021	18:28:00	21.03	3999	Other miscellaneous balance of plant problems	ST 1 Derated - 1C FGS heater head leak	154	233
BS ST 1	34	Unplanned (Forced) Derating - Immediate	11/30/2021	2:32:00	11/30/2021	23:59:00	21.47	3999	Other miscellaneous balance of plant problems	ST1 Derated - 1B 86G2 Relay did not engage	154	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
BS CT2(A)	40	Reserve Shutdown	11/10/2021	22:26:00	11/11/2021	5:11:00	6.75			Reserve Shutdown		156
BS CT2(A)	41	Startup Failure	11/11/2021	5:11:00	11/11/2021	9:34:00	4.38	5130	Starting system (including motor)	Unit 2 LCI issues		156
BS CT2(A)	42	Reserve Shutdown	11/26/2021	23:32:00	11/28/2021	23:00:00	47.47			Reserve Shutdown		156
BS CT2(A)	43	Planned Outage	11/28/2021	23:00:00	11/30/2021	23:59:00	49	5272	Boroscope inspection	Planned fall outage		156

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 Outage Listing
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Unit	Event Number	Event Type	Event Begin Date	Event Begin Time	Event End Date	Event End Time	Event Duration	Cause Code	Cause Code Description	Narrative	Net Available Capacity	Net Dependable Capacity
BS CT2(B)	47	Reserve Shutdown	11/27/2021	8:19:00	11/28/2021	23:00:00	38.68			Reserve Shutdown		156
BS CT2(B)	48	Planned Outage	11/28/2021	23:00:00	11/30/2021	23:59:00	49.5272	Boroscope inspection		Planned fall outage		156

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Unit	Event Number	Event Type	Event Begin Date	Event Begin Time	Event End Date	Event End Time	Event Duration	Cause Code	Cause Code Description	Narrative	Net Available Capacity	Net Dependable Capacity
BS CT2(C)	302	Reserve Shutdown	11/4/2021	0:00:00	11/4/2021	6:54:00	6.9			Reserve Shutdown		156
BS CT2(C)	303	Reserve Shutdown	11/5/2021	0:14:00	11/5/2021	7:17:00	7.05					156
BS CT2(C)	304	Reserve Shutdown	11/8/2021	8:58:00	11/8/2021	16:13:00	7.25			Reserve Shutdown		156
BS CT2(C)	305	Reserve Shutdown	11/14/2021	23:23:00	11/15/2021	7:57:00	8.57			Reserve Shutdown		156
BS CT2(C)	306	Reserve Shutdown	11/16/2021	8:46:00	11/16/2021	16:23:00	7.62					156
BS CT2(C)	307	Reserve Shutdown	11/21/2021	1:11:00	11/21/2021	8:33:00	7.37					156
BS CT2(C)	308	Reserve Shutdown	11/22/2021	0:54:00	11/22/2021	9:24:00	8.5			Reserve Shutdown		156
BS CT2(C)	309	Reserve Shutdown	11/23/2021	0:22:00	11/23/2021	16:00:00	15.63			Reserve Shutdown		156
BS CT2(C)	310	Reserve Shutdown	11/27/2021	23:12:00	11/28/2021	23:00:00	23.8			Reserve Shutdown		156
BS CT2(C)	311	Planned Outage	11/28/2021	23:00:00	11/30/2021	23:59:00	49.5272		Boroscope inspection	Planned fall outage		156

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Unit	Event Number	Event Type	Event Begin Date	Event Begin Time	Event End Date	Event End Time	Event Duration	Cause Code	Cause Code Description	Narrative	Net Available Capacity	Net Dependable Capacity
BS CT2(D)	291	Reserve Shutdown	11/4/2021	1:53:00	11/4/2021	8:59:00	7.1			Reserve Shutdown		156
BS CT2(D)	292	Reserve Shutdown	11/13/2021	23:19:00	11/14/2021	8:57:00	9.63			Reserve Shutdown		156
BS CT2(D)	293	Reserve Shutdown	11/15/2021	9:19:00	11/15/2021	16:36:00	7.28			Reserve Shutdown		156
BS CT2(D)	294	Reserve Shutdown	11/16/2021	10:15:00	11/17/2021	4:52:00	18.62			Reserve Shutdown		156
BS CT2(D)	295	Planned Outage	11/28/2021	23:15:00	11/30/2021	23:59:00	48.75	5272	Boroscope inspection	Planned fall outage		156

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Unit	Event Number	Event Type	Event Begin Date	Event Begin Time	Event End Date	Event End Time	Event Duration	Cause Code	Cause Code Description	Narrative	Net Available Capacity	Net Dependable Capacity
BS ST 2	16	Unplanned (Forced) Derating - Immediate	11/11/2021	5:11:00	11/11/2021	9:34:00	4.38	3999	Other miscellaneous balance of plant problems	ST2 Derated - 2A failed start - unit 2 LCI issues	228	305
BS ST 2	17	Planned Outage	11/28/2021	22:09:00	11/30/2021	23:59:00	49.85	3999	Other miscellaneous balance of plant problems	Planned fall outage		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.	11/1/2021	0:00:00	11/30/2021	23:59:00	721	1035	Platen superheater	Reduced the steam header pressure (2000#) to preserve boiler tube integrity (reliabili	347	422
Big Bend 4	19	Planned Der.	11/1/2021	0:00:00	11/1/2021	0:00:00	0	1035	Platen superheater	Reduced the steam header pressure (2000#) to preserve boiler tube integrity (reliabili	347	422
Big Bend 4	49	Planned Out.	11/1/2021	0:00:00	11/24/2021	23:00:00	576	0385	Igniters	Natural gas burner upgrades		422
Big Bend 4	50	Planned Out.	11/24/2021	23:00:00	11/30/2021	23:59:00	145	0385	Igniters	Natural gas burner upgrades (tuning)		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	76	Planned Outage	11/1/2021	0:00:00	11/4/2021	16:00:00	88.3612		Switchyard system protection devices - external (OM Planned outage, switchyard relay testing of 1B station service			152
Polk 1	77	Reserve Shutdown	11/4/2021	16:00:00	11/5/2021	1:00:00	9					152
Polk 1	78	Startup Failure	11/5/2021	1:00:00	11/5/2021	12:07:00	11.12	5050	Ignition system	A thorough inspection of the turbine ignition system was conducted. The ignition trans:		152
Polk 1	79	Planned Outage	11/18/2021	21:41:00	11/21/2021	9:30:00	59.82			Replace main header of Gas Yard feeding (3) supply trains to facilitate future mainten		152
Polk 1	80	Reserve Shutdown	11/21/2021	9:30:00	11/29/2021	9:22:00	191.87			Reserve Shutdown		152
Polk 1	81	Unplanned (Forced) Outage - Immediate	11/29/2021	9:22:00	11/30/2021	23:59:00	38.63	5082	High pressure blades/buckets	Slug of trapped water was pushed through the gas path of the Combustion Turbine causin		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	82	Planned Outage	11/1/2021	0:00:00	11/4/2021	16:00:00	88	3612	Switchyard system protection cPlanned outage for switchyard relay testing of station Service 1B.		50	50
Polk 1 ST	83	Reserve Shutdown	11/4/2021	16:00:00	11/5/2021	1:00:00	9				50	50
Polk 1 ST	84	Startup Failure	11/5/2021	1:00:00	11/5/2021	14:39:00	13.65	3999	Other miscellaneous balance ofCT1 failed start prevented steam production, no steam available for ST		50	50
Polk 1 ST	85	Planned Outage	11/18/2021	21:35:00	11/21/2021	9:30:00	59.92	3999	Other miscellaneous balance ofReplace main header of Gas Yard feeding (3) supply trains to facilitate future mainten		50	50
Polk 1 ST	86	Reserve Shutdown	11/21/2021	9:30:00	11/29/2021	9:22:00	191.87		Reserve Shutdown		50	50
Polk 1 ST	87	Unplanned (Forced) Outage - Immediate	11/29/2021	9:22:00	11/30/2021	23:59:00	38.63	3999	Other miscellaneous balance ofNo steam supply from the HRSG due to damage in the Combustion Turbine.		50	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	275	Maintenance Outage	11/1/2021	23:27:00	11/2/2021	16:32:00	17:08	3612	Switchyard system protection c	Maintenance Outage due to protective relay testing on unit 1B station service. Unit 1		150
Polk 2	276	Reserve Shutdown	11/3/2021	1:14:00	11/3/2021	16:24:00	15:17			Reserve Shutdown		150
Polk 2	277	Maintenance Outage	11/3/2021	22:48:00	11/4/2021	15:50:00	17:03	3612	Switchyard system protection c	Maintenance Outage due to protective relay testing on unit 1B station service. Unit 1		150
Polk 2	278	Reserve Shutdown	11/9/2021	0:03:00	11/9/2021	7:19:00	7:27			Reserve Shutdown		150
Polk 2	279	Unplanned (Forced) Outage - Immediate	11/9/2021	7:27:00	11/9/2021	8:11:00	0:73	5042	Fuel nozzles/vanes	Unit tripped on high exhaust temperature spreads during liquid fuel test run		150
Polk 2	280	Noncurtailing	11/9/2021	8:11:00	11/15/2021	0:00:00	135.82	5042	Fuel nozzles/vanes	Unit trip on liquid fuel due to high exhaust temperature spreads. Cause not yet determ		150
Polk 2	281	Reserve Shutdown	11/9/2021	20:03:00	11/10/2021	7:25:00	11:37			Reserve Shutdown		150
Polk 2	282	Reserve Shutdown	11/10/2021	7:35:00	11/10/2021	8:32:00	0:95			Reserve Shutdown		150
Polk 2	283	Reserve Shutdown	11/11/2021	19:47:00	11/17/2021	0:00:00	124.22			Reserve Shutdown		150
Polk 2	284	Maintenance Outage	11/17/2021	0:00:00	11/18/2021	22:00:00	46			Liquid Fuel Purge Valves replaced on 3 combustion cans on the top half of the turbine		150
Polk 2	285	Planned Outage	11/18/2021	22:00:00	11/21/2021	9:30:00	59.5			Replace main header of Gas Yard feeding (3) supply trains to facilitate future mainten		150
Polk 2	286	Reserve Shutdown	11/21/2021	9:30:00	11/25/2021	7:29:00	93.98			Reserve Shutdown		150
Polk 2	287	Reserve Shutdown	11/25/2021	8:45:00	11/26/2021	15:06:00	30.35			Reserve Shutdown		150
Polk 2	288	Unplanned (Forced) Outage - Immediate	11/29/2021	10:42:00	11/29/2021	11:58:00	1:27			DCS maintenance activity led to unit transferring to Simple Cycle from Combined Cycle.		150

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Unit	Event Number	Event Type	Event Begin Date	Event Begin Time	Event End Date	Event End Time	Event Duration	Cause Code	Cause Code Description	Narrative	Net Available Capacity	Net Dependable Capacity
Polk 2 ST	21	Planned Outage	11/8/2021	23:26:00	11/22/2021	16:00:00	328.57	4309	Other turbine instrument and control problems	Steam Turbine control system upgrade, Steam line drain piping replacement, Switchgear		461
Polk 2 ST	22	Unplanned (Forced) Outage - Immediate	11/22/2021	16:00:00	11/25/2021	0:00:00		56 4410	Turning gear and motor	Turning Gear could not overcome engaging force to turn the ST Rotor. Replaced Motor/VF		461
Polk 2 ST	23	Reserve Shutdown	11/25/2021	0:00:00	11/26/2021	14:26:00		38.43		Reserve Shutdown		461

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Unit	Event Number	Event Type	Event Begin Date	Event Begin Time	Event End Date	Event End Time	Event Duration	Cause Code	Cause Code Description	Narrative	Net Available Capacity	Net Dependable Capacity
Polk 3	225	Planned Outage	11/1/2021	0:13:00	11/30/2021	23:59:00	720.78	5270	Hot end inspection	Planned Outage for Hot Gas Path Inspection, Air inlet filter replacement, generator ro		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	102	Reserve Shutdown	11/1/2021	9:09:00	11/1/2021	16:09:00	7			Reserve Shutdown		150
Polk 4	103	Reserve Shutdown	11/8/2021	22:11:00	11/9/2021	6:15:00	8.07			Reserve Shutdown		150
Polk 4	104	Reserve Shutdown	11/9/2021	9:21:00	11/9/2021	16:33:00	7.2			Reserve Shutdown		150
Polk 4	105	Reserve Shutdown	11/9/2021	21:32:00	11/10/2021	12:02:00	14.5			Reserve Shutdown		150
Polk 4	106	Reserve Shutdown	11/11/2021	23:43:00	11/17/2021	16:27:00	136.73			Reserve Shutdown		150
Polk 4	107	Reserve Shutdown	11/17/2021	19:17:00	11/18/2021	22:00:00	26.72			Reserve Shutdown		150
Polk 4	108	Planned Outage	11/18/2021	22:00:00	11/21/2021	9:30:00	59.5			Replace main header of Gas Yard feeding (3) supply trains to facilitate future mainten		150
Polk 4	109	Reserve Shutdown	11/21/2021	9:30:00	11/26/2021	8:12:00	118.7			Reserve Shutdown		150

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Unit	Event Number	Event Type	Event Begin Date	Event Begin Time	Event End Date	Event End Time	Event Duration	Cause Code	Cause Code Description	Narrative	Net Available Capacity	Net Dependable Capacity
Polk 5	78	Reserve Shutdown	11/8/2021	21:07:00	11/9/2021	5:18:00	8.18			Reserve Shutdown		150
Polk 5	79	Reserve Shutdown	11/9/2021	9:21:00	11/9/2021	15:40:00	6.32			Reserve Shutdown		150
Polk 5	80	Reserve Shutdown	11/9/2021	23:56:00	11/10/2021	6:06:00	6.17			Reserve Shutdown		150
Polk 5	81	Reserve Shutdown	11/12/2021	0:51:00	11/17/2021	16:50:00	135.98			Reserve Shutdown		150
Polk 5	82	Planned Outage	11/17/2021	20:12:00	11/21/2021	9:30:00	85.3			Replace main header of Gas Yard feeding (3) supply trains to facilitate future mainten		150
Polk 5	83	Reserve Shutdown	11/21/2021	9:30:00	11/27/2021	16:15:00	150.75			Reserve Shutdown		150