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August 25, 2020

ELECTRONIC FILING

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

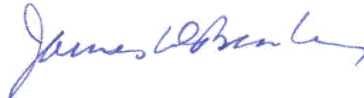
Re: Fuel and Purchased Power Cost Recovery Clause with Generating Performance
Incentive Factor; FPSC Docket No. 20200001-EI

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 July 2020.

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 25th day of August 2020 to the following:

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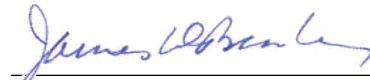
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ATTORNEY

ORIGINAL SHEET NO. 8.401.19A
TAMPA ELECTRIC COMPANY

ACTUAL UNIT PERFORMANCE DATA

JANUARY 2020 - DECEMBER 2020

PLANT/UNIT		MOCTH OF:	MOCTH OF:	MOCTH OF:	MOCTH OF:	MOCTH OF:	MOCTH OF:	MOCTH OF:	MOCTH OF:	MOCTH OF:	MOCTH OF:	MOCTH OF:	PERIOD	
BAYSIDE 1		Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20	Jul-20	Aug-20	Sep-20	Oct-20	Nov-20	Dec-20	2020
1. Equivalent Availability Factor (%)	EAF	99.1	88.3	48.0	99.9	97.3	98.7	91.4						89.2
2. Period Hours	PH	744.0	696.0	743.0	720.0	744.0	720.0	744.0						5,111.0
3. Service Hours	SH	739.2	480.7	348.7	717.4	730.6	713.9	681.0						4,411.5
4. Reserve Shutdown Hours	RSH	0.0	142.0	10.1	1.7	0.0	0.0	0.0						153.8
5. Unavailable Hours	UH	4.8	73.3	384.2	0.9	13.4	6.1	63.0						545.7
6. Planned Outage Hours	POH	0.0	57.5	275.0	0.0	0.0	0.0	0.0						332.5
7. Forced Outage Hours	FOH	1.2	0.0	109.2	0.9	13.4	0.0	0.0						124.7
8. Maintenance Outage Hours	MOH	3.6	15.8	0.0	0.0	0.0	6.1	63.0						88.5
9a. Partial Planned Outage Hours	PPOH	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
10a. Partial Forced Outage Hours	PFOH	2.1	0.0	7.6	0.0	16.8	0.0	3.3						29.8
10b. Load Reduction Partial Forced (MW)	LRPF	69.4	0.0	79.0	0.0	94.1	0.0	79.1						86.8
11a. Partial Maintenance Outage Hours	PMOH	4.8	23.9	0.0	0.0	0.0	9.1	0.0						37.8
11b. Load Reduction Partial Maintenance (MW)	LRPM	78.0	80.4	0.0	0.0	0.0	79.0	0.0						79.8
12. Net Summer Continuous Rating (MW)	NSC	701.0	701.0	701.0	701.0	701.0	702.0	702.0						701.3
13. Operating British Thermal Units (GBTU)	OPR BTU	1,875.0	1,493.5	1,050.7	2,025.6	2,499.8	2,267.2	2,404.8						13,616.6
14. Net Generation (MWH)	NETGEN	248,230.8	203,342.1	140,773.6	274,428.4	339,658.8	290,222.0	323,875.6						1,820,531.3
15. Avg. Net Operating Heat Rate (BTU/KWH)	ANOHR	7,554.0	7,345.0	7,464.0	7,381.0	7,360.0	7,812.0	7,425.0						7,479.5
16. Net Output Factor (%)	NOF	42.1	53.4	50.8	54.6	65.1	57.5	66.3						55.8
17. Net Period Continuous Rating (MW)	NPC	792.0	792.0	792.0	701.0	701.0	701.0	701.0						740.0
18. Avg. Net Operating Heat Rate Equation		ANOHR = NOF (-2.852) + 7,630												

ORIGINAL SHEET NO. 8.401.19A
TAMPA ELECTRIC COMPANY

ACTUAL UNIT PERFORMANCE DATA

JANUARY 2020 - DECEMBER 2020

PLANT/UNIT		MOCTH OF:	MOCTH OF:	MOCTH OF:	MOCTH OF:	MOCTH OF:	MOCTH OF:	MOCTH OF:	MOCTH OF:	MOCTH OF:	MOCTH OF:	MOCTH OF:	PERIOD	
BAYSIDE 2		Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20	Jul-20	Aug-20	Sep-20	Oct-20	Nov-20	Dec-20	2020
1. Equivalent Availability Factor (%)	EAF	71.3	95.4	99.9	98.5	83.8	97.8	95.3						92.6
2. Period Hours	PH	744.0	696.0	743.0	720.0	744.0	720.0	744.0						5,111.0
3. Service Hours	SH	85.2	672.4	742.3	712.7	663.8	709.4	720.5						4,306.3
4. Reserve Shutdown Hours	RSH	448.8	0.0	0.0	0.0	0.0	0.0	0.0						448.8
5. Unavailable Hours	UH	210.0	23.6	0.7	7.3	80.2	10.6	23.5						355.9
6. Planned Outage Hours	POH	0.0	0.0	0.0	0.0	0.0	0.0	0.0						0.0
7. Forced Outage Hours	FOH	3.5	6.5	0.0	7.3	26.2	3.9	11.1						58.5
8. Maintenance Outage Hours	MOH	206.5	17.1	0.7	0.0	54.0	6.7	12.3						297.3
9a. Partial Planned Outage Hours	PPOH	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
10a. Partial Forced Outage Hours	PFOH	4.8	11.2	0.0	14.2	47.9	7.7	21.8						107.6
10b. Load Reduction Partial Forced (MW)	LRPF	77.1	77.0	0.0	77.0	89.4	67.0	77.0						81.8
11a. Partial Maintenance Outage Hours	PMOH	9.6	20.2	1.2	0.0	105.6	13.1	24.1						173.8
11b. Load Reduction Partial Maintenance (MW)	LRPM	77.0	92.4	77.4	0.0	77.0	77.0	77.0						78.8
12. Net Summer Continuous Rating (MW)	NSC	929.0	929.0	929.0	929.0	929.0	929.0	929.0						929.0
13. Operating British Thermal Units (GBTU)	OPR BTU	189.5	2,657.5	3,038.4	3,056.0	2,699.8	3,308.5	3,631.2						18,581.1
14. Net Generation (MWH)	NETGEN	22,308.2	357,443.8	406,847.3	417,285.6	366,298.4	431,349.1	495,327.5						2,496,859.9
15. Avg. Net Operating Heat Rate (BTU/KWH)	ANOHR	8,496.0	7,435.0	7,468.0	7,324.0	7,371.0	7,670.0	7,331.0						7,441.8
16. Net Output Factor (%)	NOF	25.0	49.1	52.2	62.4	53.0	64.5	71.7						59.2
17. Net Period Continuous Rating (MW)	NPC	1,047.0	1,047.0	1,047.0	929.0	929.0	929.0	929.0						979.6
18. Avg. Net Operating Heat Rate Equation		ANOHR = NOF (-6.673) + 7,965												

ORIGINAL SHEET NO. 8.401.19A
TAMPA ELECTRIC COMPANY

ACTUAL UNIT PERFORMANCE DATA

JANUARY 2020 - DECEMBER 2020

PLANT/UNIT		MOCTH OF:	MOCTH OF:	MOCTH OF:	MOCTH OF:	MOCTH OF:	MOCTH OF:	MOCTH OF:	MOCTH OF:	MOCTH OF:	MOCTH OF:	MOCTH OF:	PERIOD	
BIG BEND 4		Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20	Jul-20	Aug-20	Sep-20	Oct-20	Nov-20	Dec-20	2020
1. Equivalent Availability Factor (%)	EAF	0.9	0.0	0.0	0.0	0.2	31.6	29.5						21.0
2. Period Hours	PH	744.0	696.0	744.0	720.0	744.0	720.0	744.0						5,112.0
3. Service Hours	SH	629.2	0.0	0.0	0.0	1.4	580.8	738.6						1,950.0
4. Reserve Shutdown Hours	RSH	97.3	0.0	0.0	0.0	0.0	0.0	0.0						97.3
5. Unavailable Hours	UH	17.5	696.0	744.0	720.0	742.6	139.2	5.4						3,064.7
6. Planned Outage Hours	POH	17.5	696.0	744.0	720.0	659.8	0.0	0.0						2,837.3
7. Forced Outage Hours	FOH	0.0	0.0	0.0	0.0	0.0	2.0	5.4						7.4
8. Maintenance Outage Hours	MOH	0.0	0.0	0.0	0.0	82.8	137.2	0.0						220.0
9a. Partial Planned Outage Hours	PPOH	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
10a. Partial Forced Outage Hours	PFOH	509.5	0.0	0.0	0.0	0.0	471.0	738.7						1,719.2
10b. Load Reduction Partial Forced (MW)	LRPF	37.1	0.0	0.0	0.0	0.0	182.0	257.0						171.3
11a. Partial Maintenance Outage Hours	PMOH	0.0	0.0	0.0	0.0	0.0	138.2	87.0						225.2
11b. Load Reduction Partial Maintenance (MW)	LRPM	0.0	0.0	0.0	0.0	0.0	267.0	337.0						294.0
12. Net Summer Continuous Rating (MW)	NSC	347.0	347.0	347.0	347.0	347.0	422.0	422.0						368.4
13. Operating British Thermal Units (GBTU)	OPR BTU	1,977.2	0.0	0.0	0.0	0.0	1,280.5	1,679.5						4,937.2
14. Net Generation (MWH)	NETGEN	188,162.0	0.0	1.0	0.0	-2,245.0	106,678.0	141,282.0						433,878.0
15. Avg. Net Operating Heat Rate (BTU/KWH)	ANOHR	10,508.0	0.0	0.0	0.0	0.0	12,003.0	11,887.0						11,379.1
16. Net Output Factor (%)	NOF	85.0	0.0	0.0	0.0	-455.6	52.9	45.3						60.0
17. Net Period Continuous Rating (MW)	NPC	352.0	352.0	352.0	347.0	347.0	422.0	422.0						370.6
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 2020 - DECEMBER 2020

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 1		Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20	Jul-20	Aug-20	Sep-20	Oct-20	Nov-20	Dec-20	2020
1. Equivalent Availability Factor (%)	EAF	97.9	81.1	89.2	61.4	27.7	91.7	75.8						74.8
2. Period Hours	PH	744.0	696.0	743.0	720.0	744.0	720.0	744.0						5,111.0
3. Service Hours	SH	211.9	120.4	662.4	438.8	206.3	717.9	476.1						2,833.8
4. Reserve Shutdown Hours	RSH	516.8	444.0	0.0	44.0	0.0	0.0	174.8						1,179.6
5. Unavailable Hours	UH	15.3	131.6	80.6	237.2	537.7	2.1	93.1						1,097.6
6. Planned Outage Hours	POH	0.0	0.0	0.0	0.0	0.0	0.0	0.0						0.0
7. Forced Outage Hours	FOH	1.6	10.7	0.0	154.1	537.7	2.1	0.0						706.2
8. Maintenance Outage Hours	MOH	13.7	120.9	80.6	83.1	0.0	0.0	93.1						391.4
9a. Partial Planned Outage Hours	PPOH	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
10a. Partial Forced Outage Hours	PFOH	0.0	0.0	0.0	107.1	0.0	717.9	650.9						1,475.9
10b. Load Reduction Partial Forced (MW)	LRPF	0.0	0.0	0.0	90.0	0.0	18.9	28.0						28.1
11a. Partial Maintenance Outage Hours	PMOH	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
12. Net Summer Continuous Rating (MW)	NSC	210.0	210.0	210.0	210.0	210.0	210.0	210.0						210.0
13. Operating British Thermal Units (GBTU)	OPR BTU	256.3	157.0	877.3	555.1	298.1	1,068.7	613.0						3,825.4
14. Net Generation (MWH)	NETGEN	30,426.0	15,360.0	101,937.0	62,777.0	33,685.0	130,490.0	68,825.0						443,500.0
15. Avg. Net Operating Heat Rate (BTU/KWH)	ANOHR	8,424.0	10,218.0	8,606.0	8,843.0	8,849.0	8,188.0	8,907.0						8,625.5
16. Net Output Factor (%)	NOF	59.3	52.7	63.4	60.9	69.0	77.4	68.8						71.6
17. Net Period Continuous Rating (MW)	NPC	230.0	230.0	230.0	210.0	210.0	210.0	210.0						218.6
18. Avg. Net Operating Heat Rate Equation		ANOHR = NOF (-7.778) + 10,842												

ORIGINAL SHEET NO. 8.401.19A
TAMPA ELECTRIC COMPANY

ACTUAL UNIT PERFORMANCE DATA

JANUARY 2020 - DECEMBER 2020

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-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20	Jul-20	Aug-20	Sep-20	Oct-20	Nov-20	Dec-20	2020
1. Equivalent Availability Factor (%)	EAF	99.4	92.2	99.3	96.1	91.4	82.8	95.5						95.1
2. Period Hours	PH	744.0	696.0	743.0	720.0	744.0	720.0	744.0						5,111.0
3. Service Hours	SH	741.6	675.1	733.0	714.9	709.0	597.6	732.1						4,903.3
4. Reserve Shutdown Hours	RSH	0.0	0.0	4.5	0.0	0.0	0.0	0.0						4.5
5. Unavailable Hours	UH	2.4	20.9	5.5	5.1	35.0	122.4	11.9						203.2
6. Planned Outage Hours	POH	0.0	0.0	0.0	0.0	0.0	0.0	0.0						0.0
7. Forced Outage Hours	FOH	0.1	7.7	5.5	0.1	0.0	122.4	0.3						136.1
8. Maintenance Outage Hours	MOH	2.3	13.2	0.0	5.0	35.0	0.0	11.6						67.1
9a. Partial Planned Outage Hours	PPOH	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
10a. Partial Forced Outage Hours	PFOH	9.2	14.3	0.0	33.6	0.4	6.0	43.0						106.5
10b. Load Reduction Partial Forced (MW)	LRPF	166.1	179.5	0.0	338.2	126.2	241.0	133.6						213.1
11a. Partial Maintenance Outage Hours	PMOH	0.0	106.6	0.0	15.4	107.7	0.0	35.8						265.5
11b. Load Reduction Partial Maintenance (MW)	LRPM	0.0	125.0	0.0	125.0	125.0	0.0	119.8						124.3
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
13. Operating British Thermal Units (GBTU)	OPR BTU	4,418.6	4,119.3	4,573.1	4,030.8	3,911.8	3,627.4	3,718.0						28,399.0
14. Net Generation (MWH)	NETGEN	636,822.0	593,139.0	665,332.0	581,812.0	559,597.0	514,715.0	521,798.0						4,073,215.0
15. Avg. Net Operating Heat Rate (BTU/KWH)	ANOHR	6,938.0	6,945.0	6,873.0	6,928.0	6,990.0	7,048.0	7,125.0						6,972.1
16. Net Output Factor (%)	NOF	71.3	71.0	75.5	76.2	70.9	78.3	66.1						74.1
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						1,120.6
18. Avg. Net Operating Heat Rate Equation		ANOHR = NOF (-53.862) + 11,266												

Tampa Electric Company
 Outage Listing
 July 2020

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)	70	Maintenance Outage	7/11/2020	1:09:00	7/12/2020	20:05:00	42.93	3999	Other miscellaneous balance of plant problems	Unit 1 condenser cleaning		156
BS CT1(A)	71	Reserve Shutdown	7/12/2020	20:05:00	7/13/2020	12:17:00	16.2			Reserve Shutdown		156
BS CT1(A)	72	Reserve Shutdown	7/25/2020	2:58:00	7/25/2020	15:43:00	12.75			Reserve Shutdown		156
BS CT1(A)	65	Reserve Shutdown	7/30/2020	22:22:00	7/31/2020	12:59:00	14.62			Reserve Shutdown		156
BS CT1(A)	69	Maintenance Outage	7/31/2020	13:59:00	7/31/2020	23:59:00	10.02	3416	Other feedwater pump problems	1A BFP mechanical seal leak, it wasn't a trip unit was shut down.		156

Tampa Electric Company
 Outage Listing
 July 2020

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)	172	Maintenance Outage	7/8/2020	0:35:00	7/12/2020	20:05:00	115.5	0799	Other miscellaneous piping 1B HP Evap tube leak		156	156
BS CT1(B)	173	Reserve Shutdown	7/12/2020	20:05:00	7/13/2020	10:59:00	14.9		Reserve Shutdown		156	156
BS CT1(B)	174	Reserve Shutdown	7/14/2020	0:25:00	7/14/2020	12:22:00	11.95		Reserve Shutdown		156	156
BS CT1(B)	175	Reserve Shutdown	7/15/2020	2:34:00	7/15/2020	11:54:00	9.33		Reserve Shutdown		156	156
BS CT1(B)	176	Reserve Shutdown	7/16/2020	1:01:00	7/16/2020	15:19:00	14.3		Reserve Shutdown		156	156
BS CT1(B)	177	Reserve Shutdown	7/19/2020	6:07:00	7/19/2020	13:03:00	6.93		Reserve Shutdown		156	156
BS CT1(B)	178	Reserve Shutdown	7/21/2020	1:23:00	7/21/2020	12:04:00	10.68		Reserve Shutdown		156	156
BS CT1(B)	179	Reserve Shutdown	7/24/2020	0:23:00	7/24/2020	13:37:00	13.23		Reserve Shutdown		156	156
BS CT1(B)	180	Reserve Shutdown	7/25/2020	0:30:00	7/25/2020	2:26:00	1.93		Reserve Shutdown		156	156
BS CT1(B)	181	Reserve Shutdown	7/26/2020	0:42:00	7/26/2020	11:15:00	10.55		Reserve Shutdown		156	156
BS CT1(B)	182	Reserve Shutdown	7/27/2020	1:01:00	7/27/2020	12:13:00	11.2		Reserve Shutdown		156	156
BS CT1(B)	183	Reserve Shutdown	7/29/2020	2:00:00	7/29/2020	15:36:00	13.6		Reserve Shutdown		156	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)	188	Reserve Shutdown	7/4/2020	6:39:00	7/4/2020	13:36:00	6.95			Reserve Shutdown		156
BS CT1(C)	189	Reserve Shutdown	7/5/2020	1:47:00	7/6/2020	16:56:00	39.15			Reserve Shutdown		156
BS CT1(C)	190	Maintenance Outage	7/11/2020	0:17:00	7/12/2020	20:05:00	43.8	3999	Other miscellaneous balance of plant proble	Unit 1 condenser cleaning		156
BS CT1(C)	191	Reserve Shutdown	7/17/2020	2:27:00	7/17/2020	12:34:00	10.12			Reserve Shutdown		156
BS CT1(C)	192	Reserve Shutdown	7/20/2020	1:59:00	7/20/2020	12:07:00	10.13			Reserve Shutdown		156
BS CT1(C)	193	Reserve Shutdown	7/21/2020	15:09:00	7/22/2020	8:56:00	17.78			Reserve Shutdown		156
BS CT1(C)	194	Reserve Shutdown	7/24/2020	20:05:00	7/25/2020	13:02:00	16.95			Reserve Shutdown		156
BS CT1(C)	195	Reserve Shutdown	7/26/2020	21:02:00	7/27/2020	11:37:00	14.58			Reserve Shutdown		156
BS CT1(C)	196	Reserve Shutdown	7/29/2020	20:34:00	7/30/2020	12:45:00	16.18			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	22	Maintenance Outage	7/11/2020	1:11:00	7/13/2020	0:44:00	47.55	3199	Other miscellaneous condensing system problem	Dirty condenser, cleaning of the A and B side condenser with scrapper plugs.		233
BS ST 1	21	Unplanned (Forced) Derating - Immediate	7/31/2020	13:59:00	7/31/2020	23:59:00	10.02	3999	Other miscellaneous balance of plant problems	ST 1 Derated - 1A BFP mechanical seal leak, it wasn't a trip unit was shut	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)	35	Maintenance Outage	7/17/2020	0:49:00	7/19/2020	21:05:00	68.27	5272	Borescope inspection	Due to previous issues with compressor blades, this inspection has to be done every so		156
BS CT2(A)	36	Reserve Shutdown	7/19/2020	21:05:00	7/20/2020	3:15:00	6.17			Reserve Shutdown		156
BS CT2(A)	37	Unplanned (Forced) Outage - Immediate	7/20/2020	3:15:00	7/22/2020	8:11:00	52.93	0799	Other miscellaneous piping system problems	HP Evaporator tube leak		156
BS CT2(A)	38	Reserve Shutdown	7/22/2020	8:11:00	7/22/2020	11:28:00	3.28			Reserve Shutdown		156
BS CT2(A)	39	Reserve Shutdown	7/29/2020	23:25:00	7/30/2020	14:27:00	15.03			Reserve Shutdown		156
BS CT2(A)	34	Reserve Shutdown	7/31/2020	1:02:00	7/31/2020	12:17:00	11.25			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 CT2(B)	202	Reserve Shutdown	7/4/2020	21:05:00	7/5/2020	12:32:00	15.45			Reserve Shutdown		156
BS CT2(B)	203	Reserve Shutdown	7/9/2020	1:30:00	7/9/2020	12:10:00	10.67			Reserve Shutdown		156
BS CT2(B)	204	Reserve Shutdown	7/16/2020	3:34:00	7/16/2020	12:27:00	8.88			Reserve Shutdown		156
BS CT2(B)	205	Reserve Shutdown	7/26/2020	3:18:00	7/26/2020	11:50:00	8.53			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)	147	Reserve Shutdown	7/7/2020	0:57:00	7/8/2020	11:06:00	34.15			Reserve Shutdown		156
BS CT2(C)	148	Unplanned (Forced) Out	7/8/2020	12:12:00	7/8/2020	13:54:00	1.7	5190	Other auxiliary system problems	HP/CR bypass valve stuck open		156
BS CT2(C)	149	Reserve Shutdown	7/10/2020	3:12:00	7/10/2020	11:41:00	8.48			Reserve Shutdown		156
BS CT2(C)	150	Reserve Shutdown	7/20/2020	0:42:00	7/20/2020	11:18:00	10.6			Reserve Shutdown		156
BS CT2(C)	151	Reserve Shutdown	7/20/2020	23:23:00	7/21/2020	3:30:00	4.12			Reserve Shutdown		156
BS CT2(C)	152	Maintenance Outage	7/21/2020	3:30:00	7/21/2020	8:36:00	5.1	0540	Reheat steam piping up to turbine stop valves	Attemporator piping replacement		156
BS CT2(C)	153	Reserve Shutdown	7/21/2020	8:36:00	7/21/2020	11:11:00	2.58			Reserve Shutdown		156
BS CT2(C)	154	Reserve Shutdown	7/25/2020	2:13:00	7/25/2020	13:52:00	11.65			Reserve Shutdown		156
BS CT2(C)	146	Reserve Shutdown	7/31/2020	3:46:00	7/31/2020	13:41:00	9.92			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)	201	Unplanned (Forced) Outage - Immediate	7/3/2020	6:42:00	7/3/2020	7:26:00	0:73	5250	Controls and instrumentation	Fire system alarm trip		156
BS CT2(D)	202	Reserve Shutdown	7/6/2020	22:30:00	7/7/2020	12:55:00	14.42			Reserve Shutdown		156
BS CT2(D)	203	Reserve Shutdown	7/7/2020	19:41:00	7/8/2020	12:10:00	16.48			Reserve Shutdown		156
BS CT2(D)	204	Reserve Shutdown	7/9/2020	4:07:00	7/9/2020	13:17:00	9.17			Reserve Shutdown		156
BS CT2(D)	205	Unplanned (Forced) Outage - Immediate	7/13/2020	1:43:00	7/13/2020	12:42:00	10:98	5250	Controls and instrumentation	Fire system protection alarm trip		156
BS CT2(D)	206	Reserve Shutdown	7/13/2020	12:42:00	7/13/2020	14:00:00	1.3			Reserve Shutdown		156
BS CT2(D)	207	Reserve Shutdown	7/22/2020	14:24:00	7/24/2020	11:02:00	44.63			Reserve Shutdown		156
BS CT2(D)	208	Reserve Shutdown	7/28/2020	1:04:00	7/28/2020	12:47:00	11.72			Reserve Shutdown		156
BS CT2(D)	209	Reserve Shutdown	7/29/2020	0:25:00	7/29/2020	13:32:00	13.12			Reserve Shutdown		156
BS CT2(D)	210	Reserve Shutdown	7/30/2020	1:28:00	7/30/2020	11:25:00	9.95			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	30	Unplanned (Forced) Derating - Immediate	7/3/2020	6:42:00	7/3/2020	7:26:00	0.73 3999	Other miscellaneous balance of plant problems	ST2 Derated - 2D Fire system alarm trip		228	305
BS ST 2	31	Unplanned (Forced) Derating - Immediate	7/8/2020	12:12:00	7/8/2020	13:54:00	1.7 3999	Other miscellaneous balance of plant problems	ST2 Derated - 2C HP/CR bypass valve stuck open		228	305
BS ST 2	32	Unplanned (Forced) Derating - Immediate	7/13/2020	1:43:00	7/13/2020	12:42:00	10.98 3999	Other miscellaneous balance of plant problems	ST 2 Derated - 2D Fire system protection alarm trip		228	305
BS ST 2	33	Maintenance Derating	7/17/2020	0:49:00	7/19/2020	21:05:00	68.27 3999	Other miscellaneous balance of plant problems	ST2 Derated - 2C EBI inspection of the compressor		228	305
BS ST 2	34	Unplanned (Forced) Derating - Immediate	7/20/2020	3:15:00	7/22/2020	8:11:00	52.93 3999	Other miscellaneous balance of plant problems	ST2 Derated - 2A HP Evaporator tube leak		228	305
BS ST 2	35	Maintenance Derating	7/21/2020	3:30:00	7/21/2020	8:36:00	5.1 3999	Other miscellaneous balance of plant problems	ST 2 Derated - 2C Attenuator piping replacement		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	33	Unplanned (I	7/1/2020	0:00:00	7/31/2020	23:59:00	744	3430	Feedwater regulating (boiler level control) v	Boiler Feed pump recirculation valve failed (stuck) in the open position limiting feed	165	422
Big Bend 4	34	Maintenance	7/13/2020	16:00:00	7/17/2020	7:00:00	87	8560	Electrostatic precipitator problems	High opacity indications due to precipitator and fly ash hoppers "bridging". Unit disp	85	422
Big Bend 4	35	Unplanned (I	7/18/2020	2:43:00	7/18/2020	8:04:00	5.35	3412	Feedwater pump drive - steam turbine	Boiler feed pump turbine high pressure stop valves stuck closed during testing. Unit t		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	Unplanned (Forced) Derating - Immediate	7/1/2020	0:00:00	7/31/2020	23:59:00	744.5079	Other combustor problems	Combustion dynamic issues..hardware. Secondly, HRSG design exceeded on Natural gas onl		135	160
Polk 1	77	Maintenance Outage	7/2/2020	22:53:00	7/6/2020	20:00:00	93.12.0800	Drums and drum internals	MP Drum Steam Leak repair weld repair			160
Polk 1	78	Reserve Shutdown	7/6/2020	20:00:00	7/7/2020	10:08:00	14.13					160
Polk 1	79	Reserve Shutdown	7/22/2020	14:01:00	7/29/2020	6:40:00	160.65		Reserve Shutdown			160

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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	25	Unplanned (Forced) Derating - Immediate	7/1/2020	0:00:00	7/31/2020	23:59:00	744.3999	744.3999	Other miscellaneous balance of Combustion dynamic issues..hardware. Secondly, HRSG design exceeded on Natural gas ont		47	50
Polk 1 ST	30	Maintenance Outage	7/2/2020	22:47:00	7/6/2020	20:00:00	93.22	3999	Other miscellaneous balance of IP Drum steam leak. Weld repair required.			50
Polk 1 ST	31	Reserve Shutdown	7/6/2020	20:00:00	7/7/2020	12:30:00	16.5					50
Polk 1 ST	32	Reserve Shutdown	7/22/2020	13:50:00	7/29/2020	9:11:00	163.35		Reserve Shutdown			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	109	Reserve Shutdown	7/2/2020	1:17:00	7/2/2020	10:01:00	8.73			Reserve Shutdown		150
Polk 2	110	Reserve Shutdown	7/4/2020	1:27:00	7/4/2020	12:16:00	10.82			Reserve Shutdown		150
Polk 2	111	Maintenance Outage	7/14/2020	1:59:00	7/17/2020	12:21:00	82.37	5041	Fuel piping and valves	Cleaned piping for can 1 and 14 to clear-up spread issue on liquid fuel		150
Polk 2	112	Reserve Shutdown	7/17/2020	17:34:00	7/18/2020	7:03:00	13.48			Reserve Shutdown		150
Polk 2	108	Reserve Shutdown	7/31/2020	0:58:00	7/31/2020	10:26:00	9.47			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 2 ST	42	Maintenance Derating	7/14/2020	1:59:00	7/17/2020	12:21:00	82.37	3999	Other miscellaneous balance of plant problems	GTG2 required cleaning of piping for can 1 and 14 to clear-up spread issue on liquid	341.25	461
Polk 2 ST	43	Unplanned (Forced) Derating - Immediate	7/23/2020	0:59:00	7/23/2020	1:59:00	1	3999	Other miscellaneous balance of plant problems	GTG3, while doing fired shutdown, compressor bleed valve failed to open (#3 & #4) trip	341.25	461
Polk 2 ST	44	Unplanned (Forced) Derating - Immediate	7/23/2020	8:00:00	7/23/2020	9:03:00	1.05	3999	Other miscellaneous balance of plant problems	GTG4 tripped shortly after establishing flame. Jumpered thermocouple.	341.25	461
Polk 2 ST	45	Unplanned (Forced) Derating - Immediate	7/25/2020	16:56:00	7/29/2020	7:43:00	86.78	9320	Other miscellaneous external problems	GTG5 tripped due wind driven ran and lightening event. Found water in one of the isoph	341.25	461
Polk 2 ST	46	Unplanned (Forced) Derating - Immediate	7/25/2020	16:56:00	7/26/2020	12:03:00	19.12	9320	Other miscellaneous external problems	GTG4 tripped due to electrical fault on GTG5 Station Service Transformer. Switch Prote	341	461
Polk 2 ST	47	Unplanned (Forced) Derating - Immediate	7/29/2020	15:46:00	7/30/2020	2:00:00	10.23	3999	Other miscellaneous balance of plant problems	Various gas valves are sticking on HRSG5 Duct Burners preventing operation.	431	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	72	Reserve Shutdown	7/1/2020	0:28:00	7/1/2020	12:54:00	12.43			Reserve Shutdown		150
Polk 3	73	Reserve Shutdown	7/3/2020	2:04:00	7/3/2020	13:00:00	10.93			Reserve Shutdown		150
Polk 3	74	Reserve Shutdown	7/5/2020	3:19:00	7/5/2020	12:04:00	8.75			Reserve Shutdown		150
Polk 3	79	Reserve Shutdown	7/6/2020	19:08:00	7/7/2020	0:00:00	4.87			Reserve Shutdown		150
Polk 3	93	Reserve Shutdown	7/16/2020	20:00:00	7/17/2020	10:28:00	14.47			Reserve Shutdown		150
Polk 3	94	Reserve Shutdown	7/19/2020	1:25:00	7/19/2020	11:42:00	10.28			Reserve Shutdown		150
Polk 3	95	Reserve Shutdown	7/22/2020	3:19:00	7/22/2020	13:00:00	9.68			Reserve Shutdown		150
Polk 3	105	Unplanned (Forced) Outage - Immediate	7/23/2020	0:59:00	7/23/2020	1:59:00	1.5160	1 5160	Cooling and seal air system	While doing fired shutdown, compressor bleed valve failed to open (#3 & #4) tripping t		150
Polk 3	103	Reserve Shutdown	7/23/2020	1:59:00	7/23/2020	12:13:00	10.23					150
Polk 3	97	Reserve Shutdown	7/24/2020	2:47:00	7/24/2020	13:02:00	10.25			Reserve Shutdown		150
Polk 3	98	Reserve Shutdown	7/27/2020	23:42:00	7/28/2020	11:50:00	12.13			Reserve Shutdown		150
Polk 3	99	Reserve Shutdown	7/29/2020	18:33:00	7/30/2020	11:38:00	17.08			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	78	Reserve Shutdown	7/1/2020	1:31:00	7/1/2020	11:51:00	10.33			Reserve Shutdown		150
Polk 4	79	Reserve Shutdown	7/3/2020	0:39:00	7/3/2020	11:33:00	10.9			Reserve Shutdown		150
Polk 4	80	Reserve Shutdown	7/4/2020	18:43:00	7/5/2020	10:55:00	16.2			Reserve Shutdown		150
Polk 4	83	Reserve Shutdown	7/6/2020	0:56:00	7/6/2020	12:22:00	11.43			Reserve Shutdown		150
Polk 4	95	Reserve Shutdown	7/8/2020	23:09:00	7/9/2020	8:34:00	9.42			Reserve Shutdown		150
Polk 4	96	Reserve Shutdown	7/10/2020	1:32:00	7/10/2020	11:47:00	10.25			Reserve Shutdown		150
Polk 4	97	Reserve Shutdown	7/15/2020	19:23:00	7/16/2020	11:33:00	16.17			Reserve Shutdown		150
Polk 4	98	Reserve Shutdown	7/18/2020	19:26:00	7/19/2020	10:41:00	15.25			Reserve Shutdown		150
Polk 4	106	Reserve Shutdown	7/22/2020	15:28:00	7/23/2020	8:00:00	16.53			Reserve Shutdown		150
Polk 4	107	Startup Failure	7/23/2020	8:00:00	7/23/2020	9:03:00	1.05	5250	Controls and instrumentation	Unit tripped shortly after establishing flame. Jumpered thermocouple.		150
Polk 4	100	Reserve Shutdown	7/24/2020	23:13:00	7/25/2020	11:03:00	11.83			Reserve Shutdown		150
Polk 4	103	Reserve Shutdown	7/28/2020	18:48:00	7/29/2020	12:56:00	18.13			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	70	Reserve Shutdown	7/1/2020	23:54:00	7/2/2020	12:20:00	12.43		Reserve Shutdown		150	150
Polk 5	71	Reserve Shutdown	7/4/2020	0:07:00	7/4/2020	11:05:00	10.97		Reserve Shutdown		150	150
Polk 5	72	Reserve Shutdown	7/5/2020	23:47:00	7/6/2020	0:00:00	0.22		Reserve Shutdown		150	150
Polk 5	81	Reserve Shutdown	7/15/2020	1:13:00	7/15/2020	9:13:00	8		Reserve Shutdown		150	150
Polk 5	82	Reserve Shutdown	7/18/2020	0:48:00	7/18/2020	12:47:00	11.98		Reserve Shutdown		150	150
Polk 5	83	Reserve Shutdown	7/19/2020	20:25:00	7/20/2020	9:36:00	13.18		Reserve Shutdown		150	150
Polk 5	84	Reserve Shutdown	7/23/2020	16:52:00	7/24/2020	10:07:00	17.25		Reserve Shutdown		150	150