



May 25, 2023

**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. 20230001-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 April 2023.

Thank you for your assistance in connection with this matter.

Sincerely,

A handwritten signature in blue ink that reads 'Malcolm N. Means'.

Malcolm N. Means

MNM/bml  
Attachment

cc: All parties of record (w/attachment)  
Suzanne Brownless (w/Excel)

## CERTIFICATE OF SERVICE

I HEREBY CERTIFY that a true and correct copy of the foregoing Schedules, filed on behalf of Tampa Electric Company, has been furnished by electronic mail on this 25th day of May 2023 to the following:

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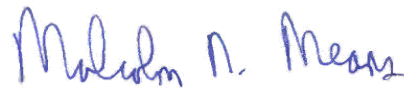
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ATTORNEY

ORIGINAL SHEET NO. 8.401.19A  
TAMPA ELECTRIC COMPANY

ACTUAL UNIT PERFORMANCE DATA

JANUARY 2023 - DECEMBER 2023

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-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	2023
1. Equivalent Availability Factor (%)	EAF	98.7	100.0	65.0	99.9									90.6
2. Period Hours	PH	744.0	672.0	743.0	720.0									2,879.0
3. Service Hours	SH	744.0	672.0	577.4	720.0									2,713.4
4. Reserve Shutdown Hours	RSH	0.0	0.0	0.0	0.0									0.0
5. Unavailable Hours	UH	6.3	0.1	224.2	0.7									231.3
6. Planned Outage Hours	POH	6.3	0.0	219.2	0.0									225.5
7. Forced Outage Hours	FOH	0.1	0.1	5.0	0.7									5.9
8. Maintenance Outage Hours	MOH	0.0	0.0	0.0	0.0									0.0
9a. Partial Planned Outage Hours	PPOH	0.0	0.0	349.9	0.0									349.9
9b. Load Reduction Partial Planned (MW)	LRPP	0.0	0.0	79.0	0.0									79.0
10a. Partial Forced Outage Hours	PFOH	0.4	0.4	7.0	3.3									11.1
10b. Load Reduction Partial Forced (MW)	LRPF	19.2	79.0	78.8	79.1									76.7
11a. Partial Maintenance Outage Hours	PMOH	27.1	0.0	0.0	0.0									27.1
11b. Load Reduction Partial Maintenance (MW)	LRPM	90.0	0.0	0.0	0.0									90.0
12. Net Summer Continuous Rating (MW)	NSC	701.0	701.0	701.0	701.0									701.0
13. Operating British Thermal Units (GBTU)	OPR BTU	1,896.6	1,436.5	1,691.7	2,416.0									7,440.8
14. Net Generation (MWH)	NETGEN	257,227.1	192,854.6	225,266.3	328,968.2									1,004,316.2
15. Avg. Net Operating Heat Rate (BTU/KWH)	ANOHR	7,373.0	7,449.0	7,510.0	7,344.0									7,408.8
16. Net Output Factor (%)	NOF	43.7	36.2	49.3	65.2									48.1
17. Net Period Continuous Rating (MW)	NPC	792.0	792.0	792.0	701.0									769.3
18. Avg. Net Operating Heat Rate Equation		ANOHR = NOF ( -3.808) + 7,647												

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

ORIGINAL SHEET NO. 8.401.19A  
TAMPA ELECTRIC COMPANY

ACTUAL UNIT PERFORMANCE DATA

JANUARY 2023 - DECEMBER 2023

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-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	2023
1. Equivalent Availability Factor (%)	EAF	78.3	100.0	97.3	99.2									93.5
2. Period Hours	PH	744.0	672.0	743.0	720.0									2,879.0
3. Service Hours	SH	0.0	134.9	743.0	720.0									1,597.9
4. Reserve Shutdown Hours	RSH	582.9	537.1	0.0	0.0									1,120.0
5. Unavailable Hours	UH	161.1	0.0	13.9	3.8									178.8
6. Planned Outage Hours	POH	130.2	0.0	0.0	0.0									130.2
7. Forced Outage Hours	FOH	30.9	0.0	7.8	0.0									38.7
8. Maintenance Outage Hours	MOH	0.0	0.0	6.1	3.8									9.9
9a. Partial Planned Outage Hours	PPOH	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
10a. Partial Forced Outage Hours	PFOH	0.0	0.0	42.7	0.0									42.7
10b. Load Reduction Partial Forced (MW)	LRPF	0.0	0.0	80.3	0.0									80.3
11a. Partial Maintenance Outage Hours	PMOH	0.0	0.0	34.9	22.9									57.7
11b. Load Reduction Partial Maintenance (MW)	LRPM	0.0	0.0	77.0	77.0									77.0
12. Net Summer Continuous Rating (MW)	NSC	929.0	929.0	929.0	929.0									929.0
13. Operating British Thermal Units (GBTU)	OPR BTU	0.0	306.4	3,035.7	2,924.5									6,266.6
14. Net Generation (MWH)	NETGEN	-1,293.0	37,457.0	410,346.7	390,191.0									836,701.7
15. Avg. Net Operating Heat Rate (BTU/KWH)	ANOHR	0.0	8,179.0	7,398.0	7,495.0									7,489.6
16. Net Output Factor (%)	NOF	0.0	26.5	52.8	58.3									51.5
17. Net Period Continuous Rating (MW)	NPC	1,047.0	1,047.0	1,047.0	929.0									1,017.5
18. Avg. Net Operating Heat Rate Equation		ANOHR = NOF ( -21.057 ) + 8,699												

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 2023 - DECEMBER 2023

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-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	2023
1. Equivalent Availability Factor (%)	EAF	72.7	96.7	84.8	22.4									68.8
2. Period Hours	PH	744.0	672.0	743.0	720.0									2,879.0
3. Service Hours	SH	86.1	338.3	704.3	169.6									1,298.3
4. Reserve Shutdown Hours	RSH	473.0	311.5	1.0	0.0									785.5
5. Unavailable Hours	UH	185.0	22.2	38.7	550.5									796.4
6. Planned Outage Hours	POH	0.0	0.0	0.0	550.5									550.5
7. Forced Outage Hours	FOH	0.0	22.2	38.7	0.0									60.9
8. Maintenance Outage Hours	MOH	185.0	0.0	0.0	0.0									185.0
9a. Partial Planned Outage Hours	PPOH	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
10a. Partial Forced Outage Hours	PFOH	86.1	0.0	334.3	169.6									590.0
10b. Load Reduction Partial Forced (MW)	LRPF	90.0	0.0	96.3	20.0									73.4
11a. Partial Maintenance Outage Hours	PMOH	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
12. Net Summer Continuous Rating (MW)	NSC	422.0	422.0	422.0	422.0									422.0
13. Operating British Thermal Units (GBTU)	OPR BTU	246.7	763.3	2,021.8	499.7									3,531.4
14. Net Generation (MWH)	NETGEN	23,309.0	66,583.0	178,048.0	42,597.0									310,537.0
15. Avg. Net Operating Heat Rate (BTU/KWH)	ANOHR	10,583.0	11,464.0	11,355.0	11,730.0									11,371.9
16. Net Output Factor (%)	NOF	62.7	45.6	58.5	59.5									55.7
17. Net Period Continuous Rating (MW)	NPC	432.0	432.0	432.0	422.0									429.5
18. Avg. Net Operating Heat Rate Equation		ANOHR = NOF ( -25.146 ) + 12,463												



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ACTUAL UNIT PERFORMANCE DATA

JANUARY 2023 - DECEMBER 2023

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-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	2023
1. Equivalent Availability Factor (%)	EAF	86.4	99.7	72.1	88.9									86.5
2. Period Hours	PH	744.0	672.0	743.0	720.0									2,879.0
3. Service Hours	SH	663.1	672.0	517.2	720.0									2,572.3
4. Reserve Shutdown Hours	RSH	0.0	0.0	45.1	0.0									45.1
5. Unavailable Hours	UH	94.3	0.0	181.7	44.5									320.5
6. Planned Outage Hours	POH	25.9	0.0	180.4	25.5									231.8
7. Forced Outage Hours	FOH	43.7	0.0	0.0	4.1									47.8
8. Maintenance Outage Hours	MOH	24.7	0.0	1.4	14.9									41.0
9a. Partial Planned Outage Hours	PPOH	0.0	0.0	235.1	0.0									235.1
9b. Load Reduction Partial Planned (MW)	LRPP	0.0	0.0	127.0	0.0									127.0
10a. Partial Forced Outage Hours	PFOH	108.7	22.5	2.4	29.8									163.4
10b. Load Reduction Partial Forced (MW)	LRPF	75.0	114.9	138.8	120.0									89.6
11a. Partial Maintenance Outage Hours	PMOH	0.0	0.0	0.0	278.0									278.0
11b. Load Reduction Partial Maintenance (MW)	LRPM	0.0	0.0	0.0	123.5									123.5
12. Net Summer Continuous Rating (MW)	NSC	1,061.0	1,061.0	1,061.0	1,061.0									1,061.0
13. Operating British Thermal Units (GBTU)	OPR BTU	3,082.0	2,811.1	2,790.7	3,957.5									12,641.3
14. Net Generation (MWH)	NETGEN	426,079.0	395,062.0	376,172.0	557,049.0									1,754,362.0
15. Avg. Net Operating Heat Rate (BTU/KWH)	ANOHR	7,233.0	7,116.0	7,419.0	7,104.0									7,205.6
16. Net Output Factor (%)	NOF	53.6	49.0	60.6	72.9									58.5
17. Net Period Continuous Rating (MW)	NPC	1,200.0	1,200.0	1,200.0	1,061.0									1,165.3
18. Avg. Net Operating Heat Rate Equation		ANOHR = NOF (-9.479) + 7,720												

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

Tampa Electric Company  
 Outage Listing  
 April 2023

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)	174	Reserve Shutdown	4/4/2023	23:31:00	4/5/2023	13:02:00	13.52		Reserve Shutdown		156	156
BS CT1(A)	175	Reserve Shutdown	4/7/2023	2:00:00	4/7/2023	12:47:00	10.78		Reserve Shutdown		156	156
BS CT1(A)	176	Reserve Shutdown	4/9/2023	1:24:00	4/10/2023	5:39:00	28.25		Reserve Shutdown		156	156
BS CT1(A)	177	Reserve Shutdown	4/12/2023	11:39:00	4/13/2023	11:38:00	23.98		Reserve Shutdown		156	156
BS CT1(A)	178	Reserve Shutdown	4/15/2023	5:06:00	4/15/2023	15:15:00	10.15		Reserve Shutdown		156	156
BS CT1(A)	179	Reserve Shutdown	4/16/2023	1:53:00	4/16/2023	15:20:00	13.45		Reserve Shutdown		156	156
BS CT1(A)	180	Reserve Shutdown	4/17/2023	11:12:00	4/18/2023	14:57:00	27.75		Reserve Shutdown		156	156
BS CT1(A)	181	Reserve Shutdown	4/19/2023	9:58:00	4/19/2023	16:28:00	6.5		Reserve Shutdown		156	156
BS CT1(A)	182	Reserve Shutdown	4/22/2023	0:17:00	4/22/2023	10:45:00	10.47		Reserve Shutdown		156	156
BS CT1(A)	183	Reserve Shutdown	4/25/2023	23:33:00	4/26/2023	12:56:00	13.38		Reserve Shutdown		156	156
BS CT1(A)	184	Reserve Shutdown	4/29/2023	1:11:00	4/29/2023	12:38:00	11.45		Reserve Shutdown		156	156



**Tampa Electric Company**  
**Outage Listing**  
**April 2023**

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)	151	Reserve Shutdown	4/1/2023	8:46:00	4/1/2023	15:28:00	6.7			Reserve Shutdown		156
BS CT1(B)	152	Reserve Shutdown	4/2/2023	22:39:00	4/3/2023	6:47:00	8.13			Reserve Shutdown		156
BS CT1(B)	153	Reserve Shutdown	4/3/2023	21:37:00	4/4/2023	17:28:00	19.85			Reserve Shutdown		156
BS CT1(B)	154	Reserve Shutdown	4/5/2023	23:12:00	4/6/2023	16:30:00	17.3			Reserve Shutdown		156
BS CT1(B)	155	Reserve Shutdown	4/7/2023	21:37:00	4/8/2023	13:41:00	16.07			Reserve Shutdown		156
BS CT1(B)	156	Reserve Shutdown	4/10/2023	21:47:00	4/11/2023	13:32:00	15.75			Reserve Shutdown		156
BS CT1(B)	157	Reserve Shutdown	4/14/2023	0:42:00	4/14/2023	14:09:00	13.45			Reserve Shutdown		156
BS CT1(B)	158	Reserve Shutdown	4/16/2023	0:24:00	4/16/2023	13:28:00	13.07			Reserve Shutdown		156
BS CT1(B)	159	Reserve Shutdown	4/19/2023	8:26:00	4/19/2023	15:29:00	7.05			Reserve Shutdown		156
BS CT1(B)	160	Reserve Shutdown	4/20/2023	23:59:00	4/21/2023	13:53:00	13.9			Reserve Shutdown		156
BS CT1(B)	161	Reserve Shutdown	4/23/2023	7:51:00	4/23/2023	17:48:00	9.95			Reserve Shutdown		156
BS CT1(B)	162	Reserve Shutdown	4/28/2023	23:15:00	4/29/2023	10:34:00	11.32			Reserve Shutdown		156
BS CT1(B)	148	Reserve Shutdown	4/30/2023	23:39:00	4/30/2023	23:59:00	0.35			Reserve Shutdown		156

**Tampa Electric Company**  
**Outage Listing**  
**April 2023**

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)	211	Reserve Shutdown	4/1/2023	0:00:00	4/2/2023	13:58:00	37.97			Reserve Shutdown		156
BS CT1(C)	212	Unplanned (Forced) Outage - Immediate	4/2/2023	14:25:00	4/2/2023	16:00:00	1.58	1799	Other boiler instrumentation and control problems	Ongoing issue with post AGP start sequence logic, main steam temp rise above limits an		156
BS CT1(C)	213	Reserve Shutdown	4/5/2023	2:22:00	4/5/2023	14:14:00	11.87			Reserve Shutdown		156
BS CT1(C)	214	Reserve Shutdown	4/6/2023	22:42:00	4/7/2023	10:11:00	11.48			Reserve Shutdown		156
BS CT1(C)	215	Startup Failure	4/7/2023	10:11:00	4/7/2023	10:30:00	0.32	5250	Other controls and instrumentation problems	Unit 1C failed to start after a purge credit failure - ongoing controls/startup sequen		156
BS CT1(C)	216	Reserve Shutdown	4/7/2023	10:30:00	4/7/2023	10:50:00	0.33			Reserve Shutdown		156
BS CT1(C)	217	Unplanned (Forced) Outage - Immediate	4/7/2023	11:02:00	4/7/2023	11:26:00	0.4	1799	Other boiler instrumentation and control problems	Ongoing issue with post AGP start sequence logic, main steam temp rise above limits an		156
BS CT1(C)	218	Reserve Shutdown	4/11/2023	10:25:00	4/12/2023	8:08:00	21.72			Reserve Shutdown		156
BS CT1(C)	219	Startup Failure	4/12/2023	8:08:00	4/12/2023	8:40:00	0.53	5250	Other controls and instrumentation problems	Unit 1C failed to start after a purge credit failure - ongoing controls/startup sequen		156
BS CT1(C)	220	Unplanned (Forced) Outage - Immediate	4/12/2023	8:40:00	4/12/2023	9:10:00	0.5	4750	Other generator controls and metering problems	Turbine tripped on seal oil, backup pump started because of pressure switch indication		156
BS CT1(C)	221	Reserve Shutdown	4/17/2023	23:47:00	4/19/2023	6:15:00	30.47			Reserve Shutdown		156
BS CT1(C)	222	Reserve Shutdown	4/20/2023	0:27:00	4/20/2023	13:59:00	13.53			Reserve Shutdown		156
BS CT1(C)	223	Reserve Shutdown	4/22/2023	2:00:00	4/22/2023	12:45:00	10.75			Reserve Shutdown		156
BS CT1(C)	224	Reserve Shutdown	4/23/2023	22:28:00	4/24/2023	13:10:00	14.7			Reserve Shutdown		156
BS CT1(C)	178	Reserve Shutdown	4/30/2023	10:14:00	4/30/2023	18:37:00	8.38			Reserve Shutdown		156

**Tampa Electric Company**  
**Outage Listing**  
**April 2023**

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	16	Unplanned (Forced) Derating - Immediate	4/2/2023	14:25:00	4/2/2023	16:00:00	1.58	3999	Other miscellaneous balance of plant problems	1-C trip @ startup: Ongoing issue with post AGP start sequence logic, main steam temp	154	233
BS ST 1	17	Unplanned (Forced) Derating - Immediate	4/7/2023	10:11:00	4/7/2023	10:30:00	0.32	3999	Other miscellaneous balance of plant problems	Unit 1C failed to start after a purge credit failure - ongoing controls/startup sequen	154	233
BS ST 1	18	Unplanned (Forced) Derating - Immediate	4/7/2023	11:02:00	4/7/2023	11:26:00	0.4	3999	Other miscellaneous balance of plant problems	Unit 1-C: Ongoing issue with post AGP start sequence logic, main steam temp rise above	154	233
BS ST 1	19	Unplanned (Forced) Derating - Immediate	4/12/2023	8:08:00	4/12/2023	9:10:00	1.03	3999	Other miscellaneous balance of plant problems	Issues with 1C failure to start. 1C issues resolved and unit brought online	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)	76	Reserve Shutdown	4/1/2023	22:46:00	4/2/2023	15:01:00	16.25		Reserve Shutdown		156	156
BS CT2(A)	77	Reserve Shutdown	4/4/2023	21:37:00	4/5/2023	16:37:00	19		Reserve Shutdown		156	156
BS CT2(A)	78	Reserve Shutdown	4/6/2023	1:18:00	4/7/2023	16:58:00	39.67		Reserve Shutdown		156	156
BS CT2(A)	79	Reserve Shutdown	4/18/2023	10:47:00	4/18/2023	19:07:00	8.33		Reserve Shutdown		156	156
BS CT2(A)	80	Reserve Shutdown	4/23/2023	0:11:00	4/23/2023	12:29:00	12.3		Reserve Shutdown		156	156
BS CT2(A)	81	Reserve Shutdown	4/27/2023	0:43:00	4/27/2023	13:17:00	12.57		Reserve Shutdown		156	156
BS CT2(A)	72	Reserve Shutdown	4/30/2023	18:41:00	4/30/2023	22:00:00	3.32		Reserve Shutdown		156	156
BS CT2(A)	73	Maintenance Outage	4/30/2023	22:00:00	4/30/2023	23:59:00	2		Boiler feedwater pump replacement ahead of major outage		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 CT2(B)	190	Reserve Shutdown	4/1/2023	1:07:00	4/2/2023	10:22:00	33.25			Reserve Shutdown		156
BS CT2(B)	191	Reserve Shutdown	4/3/2023	0:24:00	4/3/2023	15:13:00	14.82			Reserve Shutdown		156
BS CT2(B)	192	Reserve Shutdown	4/3/2023	21:52:00	4/4/2023	13:30:00	15.63			Reserve Shutdown		156
BS CT2(B)	193	Reserve Shutdown	4/5/2023	21:02:00	4/6/2023	13:05:00	16.05			Reserve Shutdown		156
BS CT2(B)	194	Reserve Shutdown	4/7/2023	0:13:00	4/7/2023	14:41:00	14.47			Reserve Shutdown		156
BS CT2(B)	195	Reserve Shutdown	4/9/2023	20:58:00	4/10/2023	13:18:00	16.33			Reserve Shutdown		156
BS CT2(B)	196	Reserve Shutdown	4/11/2023	0:29:00	4/11/2023	16:19:00	15.83			Reserve Shutdown		156
BS CT2(B)	197	Reserve Shutdown	4/17/2023	0:16:00	4/17/2023	17:03:00	16.78			Reserve Shutdown		156
BS CT2(B)	198	Reserve Shutdown	4/18/2023	8:23:00	4/18/2023	17:29:00	9.1			Reserve Shutdown		156
BS CT2(B)	199	Reserve Shutdown	4/19/2023	22:06:00	4/20/2023	15:17:00	17.18			Reserve Shutdown		156
BS CT2(B)	200	Reserve Shutdown	4/22/2023	8:09:00	4/22/2023	15:01:00	6.87			Reserve Shutdown		156
BS CT2(B)	201	Reserve Shutdown	4/25/2023	21:45:00	4/26/2023	10:48:00	13.05			Reserve Shutdown		156
BS CT2(B)	185	Reserve Shutdown	4/30/2023	1:06:00	4/30/2023	23:59:00	22.9			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)	172	Reserve Shutdown	4/3/2023	23:24:00	4/4/2023	15:50:00	16.43			Reserve Shutdown	156	156
BS CT2(C)	173	Reserve Shutdown	4/10/2023	8:56:00	4/10/2023	22:08:00	13.2			Reserve Shutdown	156	156
BS CT2(C)	174	Maintenance Outage	4/10/2023	22:08:00	4/11/2023	19:00:00	20.87	3420	Feedwater piping and supports	2C maintenace outage for miscellaneous repairs - BFWP discharge flange vent piping, E	156	156
BS CT2(C)	175	Reserve Shutdown	4/11/2023	19:00:00	4/13/2023	12:35:00	41.58			Reserve Shutdown	156	156
BS CT2(C)	176	Reserve Shutdown	4/13/2023	23:34:00	4/14/2023	13:17:00	13.72			Reserve Shutdown	156	156
BS CT2(C)	177	Reserve Shutdown	4/15/2023	0:12:00	4/15/2023	14:44:00	14.53			Reserve Shutdown	156	156
BS CT2(C)	178	Reserve Shutdown	4/18/2023	23:22:00	4/19/2023	14:29:00	15.12			Reserve Shutdown	156	156
BS CT2(C)	179	Reserve Shutdown	4/21/2023	8:06:00	4/21/2023	16:09:00	8.05			Reserve Shutdown	156	156
BS CT2(C)	180	Reserve Shutdown	4/24/2023	0:54:00	4/25/2023	13:01:00	36.12			Reserve Shutdown	156	156
BS CT2(C)	181	Reserve Shutdown	4/26/2023	1:32:00	4/26/2023	14:25:00	12.88			Reserve Shutdown	156	156
BS CT2(C)	146	Reserve Shutdown	4/29/2023	21:32:00	4/30/2023	17:24:00	19.87			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 CT2(D)	221	Reserve Shutdown	4/1/2023	0:00:00	4/1/2023	13:18:00	13.3			Reserve Shutdown		156
BS CT2(D)	222	Reserve Shutdown	4/2/2023	0:47:00	4/3/2023	9:14:00	32.45			Reserve Shutdown		156
BS CT2(D)	223	Reserve Shutdown	4/5/2023	0:39:00	4/5/2023	14:55:00	14.27			Reserve Shutdown		156
BS CT2(D)	224	Reserve Shutdown	4/6/2023	0:12:00	4/6/2023	15:14:00	15.03			Reserve Shutdown		156
BS CT2(D)	225	Reserve Shutdown	4/8/2023	1:24:00	4/8/2023	17:19:00	15.92			Reserve Shutdown		156
BS CT2(D)	226	Reserve Shutdown	4/10/2023	0:51:00	4/10/2023	15:46:00	14.92			Reserve Shutdown		156
BS CT2(D)	227	Reserve Shutdown	4/12/2023	0:50:00	4/13/2023	15:07:00	38.28			Reserve Shutdown		156
BS CT2(D)	228	Reserve Shutdown	4/14/2023	21:33:00	4/15/2023	9:45:00	12.2			Reserve Shutdown		156
BS CT2(D)	229	Reserve Shutdown	4/18/2023	4:36:00	4/18/2023	16:41:00	12.08			Reserve Shutdown		156
BS CT2(D)	230	Reserve Shutdown	4/19/2023	0:58:00	4/19/2023	15:59:00	15.02			Reserve Shutdown		156
BS CT2(D)	231	Reserve Shutdown	4/20/2023	8:07:00	4/21/2023	13:01:00	28.9			Reserve Shutdown		156
BS CT2(D)	232	Reserve Shutdown	4/23/2023	1:12:00	4/23/2023	14:26:00	13.23			Reserve Shutdown		156
BS CT2(D)	233	Reserve Shutdown	4/24/2023	18:53:00	4/25/2023	15:49:00	20.93			Reserve Shutdown		156
BS CT2(D)	234	Reserve Shutdown	4/29/2023	18:21:00	4/30/2023	13:33:00	19.2			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	10	Maintenance Derating	4/10/2023	22:08:00	4/11/2023	19:00:00	20.87	3999	Other miscellaneous balance of plant problems	2C maintenace outage for miscellaneous repairs - BFWP discharge flange vent piping, E	228	305
BS ST 2	9	Maintenance Derating	4/30/2023	22:00:00	4/30/2023	23:59:00	2	9320	Other miscellaneous external problems	Unit 2A Boiler feedwater pump replacement ahead of major outage	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	9	Unplanned (Forced) Derating - Immediate	4/1/2023	0:00:00	4/8/2023	1:33:00	169.55	0260	Primary air fan	B Primary air fan reached its upper vibration limitation.	402	422
Big Bend 4	10	Planned Outage	4/8/2023	1:33:00	4/30/2023	23:59:00	550.45	1035	Platen superheater	Planned outage to replace boiler tubes, replace both cooling water pumps and cooling 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 2	75	Reserve Shutdown	4/1/2023	0:00:00	4/1/2023	13:04:00	13.07			Reserve Shutdown		150
Polk 2	76	Reserve Shutdown	4/3/2023	0:48:00	4/3/2023	14:22:00	13.57			Reserve Shutdown		150
Polk 2	77	Reserve Shutdown	4/3/2023	16:26:00	4/3/2023	17:25:00	0.98			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	10	Unplanned (Forced) Derating - Immediate	4/3/2023	15:25:00	4/3/2023	16:25:00	1 3999	Other miscellaneous balance of plant problems	CT2 damper swapped to simple cycle to due to HP drum level swell.		341	461
Polk 2 ST	11	Noncurtailing	4/9/2023	0:56:00	4/16/2023	15:46:00	182.83 3999	Other miscellaneous balance of plant problems	CT3 not available on liquid fuel. Hence combined cycle operation on liquid fuel with C			461
Polk 2 ST	12	Maintenance Derating	4/13/2023	2:09:00	4/13/2023	4:30:00	2.35 3999	Other miscellaneous balance of plant problems	HRS65 taken down to change out faulty ammonia flow meter.		341	461
Polk 2 ST	13	Maintenance Derating	4/16/2023	15:46:00	4/20/2023	14:59:00	95.22 3999	Other miscellaneous balance of plant problems	CT3 unavailable due to maintenance outage repairing liquid fuel leaks and stuck check		341	461
Polk 2 ST	14	Maintenance Derating	4/21/2023	22:01:00	4/29/2023	10:28:00	180.45 3999	Other miscellaneous balance of plant problems	Planned outage on CT4.		341	461
Polk 2 ST	15	Maintenance Derating	4/25/2023	0:24:00	4/25/2023	8:28:00	8.07 3999	Other miscellaneous balance of plant problems	CT5 in maintenance outage to install weather shields on transformers common to CT4 and		341	461
Polk 2 ST	16	Unplanned (Forced) Derating - Immediate	4/26/2023	18:07:00	4/27/2023	22:56:00	28.82 3999	Other miscellaneous balance of plant problems	CT5 in forced outage due to shorted GSU sudden pressure relay microswitch.		341	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	50	Noncurtailing	4/9/2023	0:56:00	4/16/2023	15:46:00	182.83	5041	Fuel piping and valves	During test liquid fuel run, liquid fuel leaks at flanges after check valves and just		150
Polk 3	51	Reserve Shutdown	4/9/2023	0:57:00	4/9/2023	17:50:00	16.88			Reserve Shutdown		150
Polk 3	52	Maintenance Outage	4/16/2023	15:46:00	4/20/2023	14:59:00	95.22	5041	Fuel piping and valves	Maintenance outage to repair liquid fuel leaks. Flanges after check valves and before		150
Polk 3	53	Reserve Shutdown	4/20/2023	14:59:00	4/20/2023	15:30:00	0.52			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	41	Reserve Shutdown	4/4/2023	0:38:00	4/4/2023	13:29:00	12.85			Reserve Shutdown		150
Polk 4	42	Planned Outage	4/21/2023	22:01:00	4/29/2023	10:29:00	180.47	0700	Blowdown system valves	CT4 planned outage for CT and HRSg work. Critical paths were replacement of IP intermi		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	50	Maintenance Outage	4/13/2023	2:09:00	4/13/2023	4:31:00	2.37	8770	Flow monitor problems	Bad ammonia flow meter was replaced.		150
Polk 5	51	Maintenance Outage	4/25/2023	0:24:00	4/25/2023	8:28:00	8.07	3630	400-700 volt transformers	CTS taken down to install weather shields on transformers that are common to CT4 (in a		150
Polk 5	52	Reserve Shutdown	4/25/2023	8:28:00	4/25/2023	12:58:00	4.5			Reserve Shutdown		150
Polk 5	53	Unplanned (Forced) Outage - Immediate	4/26/2023	18:07:00	4/27/2023	22:56:00	28.82	3620	Main transformer	Poor weather (lightning) incurred an induction event. This caused a microswitch on the		150
Polk 5	54	Reserve Shutdown	4/27/2023	22:56:00	4/28/2023	16:26:00	17.5			Reserve Shutdown		150