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September 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 August 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 September 2023 to the following:

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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	89.3	100.0	99.6	99.4					93.9
2. Period Hours	PH	744.0	672.0	743.0	720.0	744.0	720.0	744.0	744.0					5,831.0
3. Service Hours	SH	744.0	672.0	577.4	720.0	744.0	720.0	744.0	744.0					5,665.4
4. Reserve Shutdown Hours	RSH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					0.0
5. Unavailable Hours	UH	6.3	0.1	224.2	0.7	52.8	0.0	3.0	3.3					290.4
6. Planned Outage Hours	POH	6.3	0.0	219.2	0.0	0.0	0.0	0.0	0.0					225.5
7. Forced Outage Hours	FOH	0.1	0.1	5.0	0.7	10.3	0.0	0.0	3.3					19.5
8. Maintenance Outage Hours	MOH	0.0	0.0	0.0	0.0	42.5	0.0	3.0	0.0					45.5
9a. Partial Planned Outage Hours	PPOH	0.0	0.0	349.9	0.0	0.0	0.0	0.0	0.0					349.9
9b. Load Reduction Partial Planned (MW)	LRPP	0.0	0.0	79.0	0.0	0.0	0.0	0.0	0.0					79.0
10a. Partial Forced Outage Hours	PFOH	0.4	0.4	7.0	3.3	46.5	0.0	0.0	14.7					72.3
10b. Load Reduction Partial Forced (MW)	LRPF	19.2	79.0	78.8	79.1	79.0	0.0	0.0	77.8					78.4
11a. Partial Maintenance Outage Hours	PMOH	27.1	0.0	0.0	0.0	190.8	0.0	0.0	0.0					217.9
11b. Load Reduction Partial Maintenance (MW)	LRPM	90.0	0.0	0.0	0.0	79.0	0.0	0.0	0.0					80.4
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
13. Operating British Thermal Units (GBTU)	OPR BTU	1,896.6	1,436.5	1,691.7	2,416.0	2,140.5	2,207.4	2,318.2	2,428.0					16,534.7
14. Net Generation (MWH)	NETGEN	257,227.1	192,854.6	225,266.3	328,968.2	292,369.4	298,990.7	313,289.2	329,365.0					2,238,330.5
15. Avg. Net Operating Heat Rate (BTU/KWH)	ANOHR	7,373.0	7,449.0	7,510.0	7,344.0	7,321.0	7,383.0	7,399.0	7,372.0					7,387.1
16. Net Output Factor (%)	NOF	43.7	36.2	49.3	65.2	56.1	59.2	56.2	59.1					52.9
17. Net Period Continuous Rating (MW)	NPC	792.0	792.0	792.0	701.0	701.0	701.0	749.0	749.0					747.1
18. Avg. Net Operating Heat Rate Equation		ANOHR = NOF (-3.808) + 7,647												

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	
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	98.2	100.0	99.3	98.4					96.3
2. Period Hours	PH	744.0	672.0	743.0	720.0	744.0	720.0	744.0	744.0					5,831.0
3. Service Hours	SH	0.0	134.9	743.0	720.0	744.0	720.0	744.0	744.0					4,549.9
4. Reserve Shutdown Hours	RSH	582.9	537.1	0.0	0.0	0.0	0.0	0.0	0.0					1,120.0
5. Unavailable Hours	UH	161.1	0.0	13.9	3.8	9.2	0.0	5.2	7.9					201.1
6. Planned Outage Hours	POH	130.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0					130.2
7. Forced Outage Hours	FOH	30.9	0.0	7.8	0.0	0.0	0.0	0.0	0.0					38.7
8. Maintenance Outage Hours	MOH	0.0	0.0	6.1	3.8	9.2	0.0	5.2	7.9					32.2
9a. Partial Planned Outage Hours	PPOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					0.0
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
10a. Partial Forced Outage Hours	PFOH	0.0	0.0	42.7	0.0	0.0	0.0	0.0	0.0					42.7
10b. Load Reduction Partial Forced (MW)	LRPF	0.0	0.0	80.3	0.0	0.0	0.0	0.0	0.0					80.3
11a. Partial Maintenance Outage Hours	PMOH	0.0	0.0	34.9	22.9	55.0	0.0	0.0	46.9					159.6
11b. Load Reduction Partial Maintenance (MW)	LRPM	0.0	0.0	77.0	77.0	77.0	0.0	0.0	77.0					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
13. Operating British Thermal Units (GBTU)	OPR BTU	0.0	306.4	3,035.7	2,924.5	2,834.6	2,628.3	2,532.8	2,899.6					17,161.9
14. Net Generation (MWH)	NETGEN	-1,293.0	37,457.0	410,346.7	390,191.0	378,962.5	352,539.0	337,033.0	386,336.0					2,291,572.2
15. Avg. Net Operating Heat Rate (BTU/KWH)	ANOHR	0.0	8,179.0	7,398.0	7,495.0	7,480.0	7,455.0	7,515.0	7,506.0					7,489.1
16. Net Output Factor (%)	NOF	0.0	26.5	52.8	58.3	54.8	52.7	48.8	55.9					51.7
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					973.3
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	0.0	0.0	75.8	51.9					50.3
2. Period Hours	PH	744.0	672.0	743.0	720.0	744.0	720.0	744.0	744.0					5,831.0
3. Service Hours	SH	86.1	338.3	704.3	169.6	0.0	0.0	600.2	540.9					2,439.4
4. Reserve Shutdown Hours	RSH	473.0	311.5	1.0	0.0	0.0	0.0	0.0	0.0					785.5
5. Unavailable Hours	UH	185.0	22.2	38.7	550.5	744.0	720.0	143.8	203.1					2,607.3
6. Planned Outage Hours	POH	0.0	0.0	0.0	550.5	744.0	682.1	0.0	0.0					1,976.6
7. Forced Outage Hours	FOH	0.0	22.2	38.7	0.0	0.0	37.9	71.7	0.0					170.5
8. Maintenance Outage Hours	MOH	185.0	0.0	0.0	0.0	0.0	0.0	72.1	203.1					460.2
9a. Partial Planned Outage Hours	PPOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					0.0
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
10a. Partial Forced Outage Hours	PFOH	86.1	0.0	334.3	169.6	0.0	0.0	0.0	398.5					988.5
10b. Load Reduction Partial Forced (MW)	LRPF	90.0	0.0	96.3	20.0	0.0	0.0	0.0	164.0					110.0
11a. Partial Maintenance Outage Hours	PMOH	0.0	0.0	0.0	0.0	0.0	0.0	190.8	0.0					190.8
11b. Load Reduction Partial Maintenance (MW)	LRPM	0.0	0.0	0.0	0.0	0.0	0.0	80.0	0.0					80.0
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
13. Operating British Thermal Units (GBTU)	OPR BTU	246.7	763.3	2,009.9	487.9	0.0	0.0	1,392.4	1,047.2					5,947.3
14. Net Generation (MWH)	NETGEN	23,309.0	66,583.0	178,048.0	42,597.0	0.0	0.0	116,615.0	121,341.0					548,493.0
15. Avg. Net Operating Heat Rate (BTU/KWH)	ANOHR	10,583.0	11,464.0	11,288.0	11,455.0	0.0	0.0	11,940.0	8,630.0					10,843.1
16. Net Output Factor (%)	NOF	62.7	45.6	58.5	59.5	0.0	0.0	46.0	53.2					52.8
17. Net Period Continuous Rating (MW)	NPC	432.0	432.0	432.0	422.0	422.0	422.0	422.0	422.0					425.8
18. Avg. Net Operating Heat Rate Equation		ANOHR = NOF (-25.146) + 12,463												



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	
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	97.3	93.6	99.1	98.9					91.9
2. Period Hours	PH	744.0	672.0	743.0	720.0	744.0	720.0	744.0	744.0					5,831.0
3. Service Hours	SH	663.1	672.0	517.2	720.0	744.0	720.0	739.1	744.0					5,519.4
4. Reserve Shutdown Hours	RSH	0.0	0.0	45.1	0.0	0.0	0.0	0.7	0.0					45.8
5. Unavailable Hours	UH	94.3	0.0	181.7	44.5	11.4	25.8	4.2	4.4					366.3
6. Planned Outage Hours	POH	25.9	0.0	180.4	25.5	0.0	0.0	0.0	0.3					232.1
7. Forced Outage Hours	FOH	43.7	0.0	0.0	4.1	8.7	0.0	2.1	4.1					62.7
8. Maintenance Outage Hours	MOH	24.7	0.0	1.4	14.9	2.7	25.8	2.1	0.0					71.6
9a. Partial Planned Outage Hours	PPOH	0.0	0.0	235.1	0.0	0.0	0.0	0.0	0.0					235.1
9b. Load Reduction Partial Planned (MW)	LRPP	0.0	0.0	127.0	0.0	0.0	0.0	0.0	0.0					127.0
10a. Partial Forced Outage Hours	PFOH	108.7	22.5	2.4	29.8	54.3	3.3	10.5	32.2					263.7
10b. Load Reduction Partial Forced (MW)	LRPF	75.0	114.9	138.8	120.0	134.6	115.6	119.2	119.3					104.0
11a. Partial Maintenance Outage Hours	PMOH	0.0	0.0	0.0	278.0	19.3	182.6	14.9	0.0					494.8
11b. Load Reduction Partial Maintenance (MW)	LRPM	0.0	0.0	0.0	123.5	115.3	115.3	119.4	0.0					120.0
12. Net Summer Continuous Rating (MW)	NSC	1,061.0	1,061.0	1,061.0	1,061.0	1,061.0	1,061.0	1,061.0	1,061.0					1,061.0
13. Operating British Thermal Units (GBTU)	OPR BTU	3,082.0	2,811.1	2,790.7	3,957.5	4,280.2	3,871.9	4,061.3	4,065.4					28,920.0
14. Net Generation (MWH)	NETGEN	426,079.0	395,062.0	376,172.0	557,049.0	634,275.0	552,932.0	574,417.0	574,036.0					4,090,022.0
15. Avg. Net Operating Heat Rate (BTU/KWH)	ANOHR	7,233.0	7,116.0	7,419.0	7,104.0	6,758.0	7,002.0	7,070.0	7,082.0					7,070.9
16. Net Output Factor (%)	NOF	53.6	49.0	60.6	72.9	80.4	72.4	73.3	72.7					66.6
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					1,113.1
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
August 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)	77	Reserve Shutdown	8/3/2023	20:00:00	8/4/2023	9:51:00	13.85			Reserve Shutdown		168
BS CT1(A)	78	Reserve Shutdown	8/6/2023	23:51:00	8/7/2023	10:18:00	10.45			Reserve Shutdown		168
BS CT1(A)	79	Reserve Shutdown	8/8/2023	0:44:00	8/8/2023	10:42:00	9.97			Reserve Shutdown		168
BS CT1(A)	80	Reserve Shutdown	8/8/2023	23:21:00	8/9/2023	10:25:00	11.07			Reserve Shutdown		168
BS CT1(A)	81	Reserve Shutdown	8/14/2023	21:45:00	8/15/2023	12:52:00	15.12			Reserve Shutdown		168
BS CT1(A)	82	Reserve Shutdown	8/17/2023	23:24:00	8/18/2023	11:28:00	12.07			Reserve Shutdown		168
BS CT1(A)	83	Reserve Shutdown	8/20/2023	1:13:00	8/21/2023	14:46:00	37.55			Reserve Shutdown		168
BS CT1(A)	84	Reserve Shutdown	8/23/2023	1:00:00	8/23/2023	14:52:00	13.87			Reserve Shutdown		168
BS CT1(A)	85	Reserve Shutdown	8/25/2023	23:10:00	8/26/2023	11:05:00	11.92			Reserve Shutdown		168
BS CT1(A)	86	Reserve Shutdown	8/26/2023	23:21:00	8/27/2023	11:51:00	12.5			Reserve Shutdown		168
BS CT1(A)	87	Reserve Shutdown	8/28/2023	21:29:00	8/29/2023	10:47:00	13.3			Reserve Shutdown		168
BS CT1(A)	88	Reserve Shutdown	8/29/2023	18:34:00	8/31/2023	7:04:00	36.5			Reserve Shutdown		168
BS CT1(A)	89	Unplanned (Forced	8/31/2023	7:04:00	8/31/2023	15:44:00	8.67	3999	Other miscellaneous bal: 1A Forced Outage due to failed safety valve on Fuel Gas Heater (Water Side).			168

Tampa Electric Company
Outage Listing
August 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)	234	Reserve Shutdown	8/1/2023	23:00:00	8/2/2023	8:21:00	9.35			Reserve Shutdown	168	168
BS CT1(B)	235	Reserve Shutdown	8/5/2023	0:46:00	8/5/2023	13:00:00	12.23			Reserve Shutdown	168	168
BS CT1(B)	236	Reserve Shutdown	8/9/2023	22:20:00	8/10/2023	4:00:00	5.67			Reserve Shutdown	168	168
BS CT1(B)	237	Unplanned (Forced	8/10/2023	4:00:00	8/10/2023	10:00:00	6	5160	Cooling and seal air syst	1B CT - No. 1 Exhaust Frame Blower failure.	168	168
BS CT1(B)	238	Reserve Shutdown	8/10/2023	10:00:00	8/10/2023	13:00:00	3				168	168
BS CT1(B)	239	Reserve Shutdown	8/10/2023	22:29:00	8/11/2023	14:26:00	15.95			Reserve Shutdown	168	168
BS CT1(B)	240	Reserve Shutdown	8/14/2023	1:19:00	8/14/2023	11:38:00	10.32			Reserve Shutdown	168	168
BS CT1(B)	241	Reserve Shutdown	8/18/2023	2:12:00	8/18/2023	13:42:00	11.5			Reserve Shutdown	168	168
BS CT1(B)	242	Reserve Shutdown	8/22/2023	22:00:00	8/23/2023	12:35:00	14.58			Reserve Shutdown	168	168
BS CT1(B)	243	Reserve Shutdown	8/24/2023	23:48:00	8/25/2023	11:08:00	11.33			Reserve Shutdown	168	168
BS CT1(B)	244	Reserve Shutdown	8/28/2023	1:09:00	8/28/2023	14:52:00	13.72			Reserve Shutdown	168	168
BS CT1(B)	245	Reserve Shutdown	8/31/2023	22:43:00	8/31/2023	23:59:00	1.28			Reserve Shutdown	168	168

Tampa Electric Company
 Outage Listing
 August 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)	97	Reserve Shutdown	8/4/2023	1:35:00	8/4/2023	15:16:00	13.68			Reserve Shutdown		168
BS CT1(C)	98	Reserve Shutdown	8/5/2023	0:17:00	8/5/2023	10:18:00	10.02			Reserve Shutdown		168
BS CT1(C)	99	Reserve Shutdown	8/5/2023	20:32:00	8/6/2023	11:01:00	14.48			Reserve Shutdown		168
BS CT1(C)	100	Reserve Shutdown	8/12/2023	2:01:00	8/12/2023	11:04:00	9.05			Reserve Shutdown		168
BS CT1(C)	101	Reserve Shutdown	8/14/2023	23:02:00	8/16/2023	9:44:00	34.7			Reserve Shutdown		168
BS CT1(C)	102	Reserve Shutdown	8/16/2023	21:42:00	8/17/2023	11:47:00	14.08			Reserve Shutdown		168
BS CT1(C)	103	Reserve Shutdown	8/18/2023	16:04:00	8/20/2023	10:02:00	41.97			Reserve Shutdown		168
BS CT1(C)	104	Reserve Shutdown	8/22/2023	0:49:00	8/22/2023	14:27:00	13.63			Reserve Shutdown		168
BS CT1(C)	105	Reserve Shutdown	8/24/2023	1:57:00	8/24/2023	15:17:00	13.33			Reserve Shutdown		168
BS CT1(C)	106	Reserve Shutdown	8/26/2023	1:13:00	8/26/2023	12:56:00	11.72			Reserve Shutdown		168
BS CT1(C)	107	Reserve Shutdown	8/29/2023	14:51:00	8/30/2023	12:58:00	22.12			Reserve Shutdown		168

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Tampa Electric Company
 Outage Listing
 August 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	23	Unplanned (Forced) Derating - Immediate	8/10/2023	4:00:00	8/10/2023	10:00:00	6	3999	Other miscellaneous balance of plant problems	Derate due to 1B CT outage from the #1 exhaust frame blow.	166	245
BS ST 1	24	Unplanned (Forced) Derating - Immediate	8/31/2023	7:04:00	8/31/2023	15:44:00	8.67	3999	Other miscellaneous balance of plant problems	1A Forced Outage due to failed safety valve on Fuel Gas Heater (Water Side).	168	245

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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)	51	Reserve Shutdown	8/1/2023	0:00:00	8/1/2023	11:24:00	11.4		Reserve Shutdown			156
BS CT2(A)	52	Reserve Shutdown	8/2/2023	3:09:00	8/3/2023	10:02:00	30.88		Reserve Shutdown			156
BS CT2(A)	53	Reserve Shutdown	8/3/2023	22:11:00	8/4/2023	11:22:00	13.18		Reserve Shutdown			156
BS CT2(A)	54	Reserve Shutdown	8/7/2023	1:08:00	8/7/2023	12:04:00	10.93		Reserve Shutdown			156
BS CT2(A)	55	Reserve Shutdown	8/10/2023	0:03:00	8/10/2023	12:24:00	12.35		Reserve Shutdown			156
BS CT2(A)	56	Reserve Shutdown	8/12/2023	23:17:00	8/13/2023	11:22:00	12.08		Reserve Shutdown			156
BS CT2(A)	57	Reserve Shutdown	8/19/2023	22:29:00	8/20/2023	11:42:00	13.22		Reserve Shutdown			156
BS CT2(A)	58	Reserve Shutdown	8/21/2023	21:18:00	8/22/2023	17:57:00	20.65		Reserve Shutdown			156
BS CT2(A)	59	Reserve Shutdown	8/23/2023	23:40:00	8/24/2023	14:52:00	15.2		Reserve Shutdown			156
BS CT2(A)	60	Reserve Shutdown	8/25/2023	6:46:00	8/25/2023	10:27:00	3.68		Reserve Shutdown			156
BS CT2(A)	61	Reserve Shutdown	8/26/2023	20:29:00	8/28/2023	10:46:00	38.28		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)	79	Reserve Shutdown	8/1/2023	2:22:00	8/1/2023	14:10:00	11.8			Reserve Shutdown		156
BS CT2(B)	80	Reserve Shutdown	8/2/2023	22:37:00	8/3/2023	15:10:00	16.55			Reserve Shutdown		156
BS CT2(B)	81	Reserve Shutdown	8/6/2023	1:22:00	8/6/2023	13:17:00	11.92			Reserve Shutdown		156
BS CT2(B)	82	Reserve Shutdown	8/8/2023	1:39:00	8/8/2023	12:34:00	10.92			Reserve Shutdown		156
BS CT2(B)	83	Reserve Shutdown	8/9/2023	23:19:00	8/10/2023	9:43:00	10.4			Reserve Shutdown		156
BS CT2(B)	84	Reserve Shutdown	8/13/2023	0:32:00	8/13/2023	11:51:00	11.32			Reserve Shutdown		156
BS CT2(B)	85	Reserve Shutdown	8/16/2023	0:18:00	8/16/2023	10:57:00	10.65			Reserve Shutdown		156
BS CT2(B)	86	Reserve Shutdown	8/16/2023	22:22:00	8/17/2023	12:56:00	14.57			Reserve Shutdown		156
BS CT2(B)	87	Reserve Shutdown	8/19/2023	23:34:00	8/21/2023	12:07:00	36.55			Reserve Shutdown		156
BS CT2(B)	88	Reserve Shutdown	8/22/2023	23:42:00	8/23/2023	13:24:00	13.7			Reserve Shutdown		156
BS CT2(B)	89	Reserve Shutdown	8/26/2023	2:15:00	8/27/2023	11:00:00	32.75			Reserve Shutdown		156
BS CT2(B)	90	Reserve Shutdown	8/29/2023	1:08:00	8/30/2023	8:51:00	31.72			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)	70	Reserve Shutdown	8/1/2023	0:00:00	8/1/2023	10:08:00	10.13		Reserve Shutdown		156	156
BS CT2(C)	71	Reserve Shutdown	8/1/2023	21:45:00	8/2/2023	11:38:00	13.88		Reserve Shutdown		156	156
BS CT2(C)	72	Reserve Shutdown	8/2/2023	21:20:00	8/3/2023	12:02:00	14.7		Reserve Shutdown		156	156
BS CT2(C)	73	Reserve Shutdown	8/3/2023	23:50:00	8/4/2023	12:40:00	12.83		Reserve Shutdown		156	156
BS CT2(C)	74	Reserve Shutdown	8/4/2023	22:53:00	8/5/2023	15:57:00	17.07		Reserve Shutdown		156	156
BS CT2(C)	75	Reserve Shutdown	8/5/2023	22:24:00	8/7/2023	9:36:00	35.2		Reserve Shutdown		156	156
BS CT2(C)	76	Reserve Shutdown	8/10/2023	21:24:00	8/11/2023	12:32:00	15.13		Reserve Shutdown		156	156
BS CT2(C)	77	Reserve Shutdown	8/12/2023	1:18:00	8/12/2023	9:44:00	8.43		Reserve Shutdown		156	156
BS CT2(C)	78	Reserve Shutdown	8/13/2023	23:44:00	8/14/2023	10:08:00	10.4		Reserve Shutdown		156	156
BS CT2(C)	79	Reserve Shutdown	8/16/2023	1:19:00	8/16/2023	14:27:00	13.13		Reserve Shutdown		156	156
BS CT2(C)	80	Reserve Shutdown	8/17/2023	15:06:00	8/19/2023	12:18:00	45.2		Reserve Shutdown		156	156
BS CT2(C)	81	Reserve Shutdown	8/20/2023	20:11:00	8/21/2023	19:04:00	22.88		Reserve Shutdown		156	156
BS CT2(C)	82	Reserve Shutdown	8/25/2023	6:46:00	8/25/2023	13:26:00	6.67		Reserve Shutdown		156	156
BS CT2(C)	83	Reserve Shutdown	8/28/2023	22:43:00	8/29/2023	9:52:00	11.15		Reserve Shutdown		156	156
BS CT2(C)	84	Reserve Shutdown	8/30/2023	0:13:00	8/31/2023	11:18:00	35.08		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)	82	Reserve Shutdown	8/5/2023	3:14:00	8/5/2023	12:00:00	8.77		Reserve Shutdown		156	156
BS CT2(D)	83	Reserve Shutdown	8/8/2023	1:23:00	8/8/2023	9:42:00	8.32		Reserve Shutdown		156	156
BS CT2(D)	84	Reserve Shutdown	8/9/2023	0:22:00	8/9/2023	12:02:00	11.67		Reserve Shutdown		156	156
BS CT2(D)	85	Reserve Shutdown	8/11/2023	0:26:00	8/11/2023	15:00:00	14.57		Reserve Shutdown		156	156
BS CT2(D)	86	Reserve Shutdown	8/15/2023	1:31:00	8/15/2023	15:26:00	13.92		Reserve Shutdown		156	156
BS CT2(D)	87	Reserve Shutdown	8/16/2023	18:41:00	8/17/2023	0:01:00	5.33		Reserve Shutdown		156	156
BS CT2(D)	88	Maintenance Outage	8/17/2023	0:01:00	8/18/2023	22:56:00	46.92		2D CT BFP pump swap upgrade in preparation for AGP CT upgrades.		156	156
BS CT2(D)	89	Reserve Shutdown	8/18/2023	22:56:00	8/19/2023	15:12:00	16.27		Reserve Shutdown		156	156
BS CT2(D)	90	Reserve Shutdown	8/21/2023	22:21:00	8/22/2023	13:47:00	15.43		Reserve Shutdown		156	156
BS CT2(D)	91	Reserve Shutdown	8/23/2023	19:58:00	8/24/2023	11:07:00	15.15		Reserve Shutdown		156	156
BS CT2(D)	92	Reserve Shutdown	8/27/2023	22:17:00	8/28/2023	11:53:00	13.6		Reserve Shutdown		156	156
BS CT2(D)	93	Reserve Shutdown	8/29/2023	17:23:00	8/31/2023	11:41:00	42.3		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 ST 2	8	Maintenance Derating	8/17/2023	0:01:00	8/18/2023	22:56:00	46.92	3999	Other miscellaneous balance of plant problems	ST2 derated due to 2D BFP pump swap.	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	18	Maintenance Outage	8/1/2023	0:00:00	8/9/2023	11:05:00	203.08	1080	Economizer	Boiler furnace waterwall tube leak repairs. No equipment cause code available for t		422
Big Bend 4	19	Unplanned (Forced) Derating - Immediate	8/13/2023	23:00:00	8/22/2023	18:30:00	211.5	0310	Pulverizer mills	C Bowl Mill cold air gate stuck Bowl Mill cold air damper inoperable Boiler circul	267	422
Big Bend 4	20	Unplanned (Forced) Derating - Immediate	8/24/2023	5:00:00	8/24/2023	14:20:00	9.33	8265	Scrubber ID fan dampers	C & D Booster fan dampers are sticking.	357	422
Big Bend 4	21	Unplanned (Forced) Derating - Immediate	8/24/2023	14:20:00	8/31/2023	23:59:00	177.67	1400	Forced draft fans	B Forced draft fan tripped due to loss of D booster fan (high vibration trip.) Forced	242	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	45	Reserve Shutdown	8/20/2023	10:34:00	8/20/2023	11:49:00	1.25			Reserve Shutdown		150
Polk 2	46	Reserve Shutdown	8/22/2023	22:58:00	8/23/2023	11:14:00	12.27			Reserve Shutdown		150
Polk 2	47	Reserve Shutdown	8/23/2023	12:29:00	8/23/2023	13:32:00	1.05			Reserve Shutdown		150
Polk 2	48	Reserve Shutdown	8/24/2023	22:14:00	8/25/2023	11:56:00	13.7			Reserve Shutdown		150
Polk 2	49	Reserve Shutdown	8/25/2023	12:38:00	8/25/2023	13:38:00	1			Reserve Shutdown		150
Polk 2	50	Reserve Shutdown	8/27/2023	2:18:00	8/27/2023	10:54:00	8.6			Reserve Shutdown		150
Polk 2	51	Planned Outage	8/31/2023	21:48:00	8/31/2023	23:59:00	2.2	5048	Gas fuel system includin	Planned outage to address, among other things, electrical contractors to be replac		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	32	Unplanned (Forced) Derating - Immediate	8/2/2023	10:37:00	8/2/2023	11:43:00	1.1	3999	Other miscellaneous balance of plant problems	During CT3 startup, IP drum intermittent blowdown valve was operating just as steam he	341.75	461
Polk 2 ST	33	Unplanned (Forced) Derating - Immediate	8/17/2023	17:58:00	8/18/2023	10:04:00	16.1	3999	Other miscellaneous balance of plant problems	Overcurrent protection relay activated, tripping Polk 3's B3005 breaker. The breaker f	341.75	461
Polk 2 ST	34	Unplanned (Forced) Derating - Immediate	8/23/2023	12:28:00	8/23/2023	13:31:00	1.05	3999	Other miscellaneous balance of plant problems	During CT2 startup in combined cycle, difficulty controlling enthalpy dumping to ST2 c	341.75	461
Polk 2 ST	35	Unplanned (Forced) Derating - Immediate	8/25/2023	12:37:00	8/25/2023	13:38:00	1.02	3839	Other auxiliary steam problems (also see extrac	Due to difficulty controlling hot reheat to condenser steam enthalpy, the damper flopp	341.75	461
Polk 2 ST	36	Unplanned (Forced) Derating - Immediate	8/31/2023	9:51:00	8/31/2023	22:46:00	12.92	3999	Other miscellaneous balance of plant problems	CTS LCI failed to energize during startup. Fuse for 89ND (neutral ground disconnect) c	341.75	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	61	Reserve Shutdown	8/2/2023	8:26:00	8/2/2023	10:11:00	1.75			Reserve Shutdown		150
Polk 3	62	Reserve Shutdown	8/2/2023	10:37:00	8/2/2023	11:44:00	1.12			Reserve Shutdown		150
Polk 3	63	Unplanned (Forced) C	8/17/2023	17:58:00	8/18/2023	10:04:00	16.1	4609	Other exciter problems	Overcurrent protection relay activated, tripping Polk 3's B3005 breaker. The breaker f		150
Polk 3	64	Reserve Shutdown	8/18/2023	10:04:00	8/18/2023	10:35:00	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	45	Reserve Shutdown	8/1/2023	0:00:00	8/1/2023	6:39:00	6.65		Reserve Shutdown			150
Polk 4	46	Reserve Shutdown	8/6/2023	0:14:00	8/6/2023	10:18:00	10.07		Reserve Shutdown			150
Polk 4	47	Reserve Shutdown	8/10/2023	0:46:00	8/10/2023	11:10:00	10.4		Reserve Shutdown			150
Polk 4	48	Reserve Shutdown	8/16/2023	23:49:00	8/17/2023	11:22:00	11.55		Reserve Shutdown			150
Polk 4	49	Reserve Shutdown	8/20/2023	22:20:00	8/21/2023	11:25:00	13.08		Reserve Shutdown			150
Polk 4	50	Reserve Shutdown	8/23/2023	23:57:00	8/24/2023	10:15:00	10.3		Reserve Shutdown			150
Polk 4	51	Reserve Shutdown	8/27/2023	0:41:00	8/27/2023	7:53:00	7.2		Reserve Shutdown			150
Polk 4	52	Reserve Shutdown	8/29/2023	0:07:00	8/29/2023	9:55:00	9.8		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	54	Reserve Shutdown	8/1/2023	0:27:00	8/1/2023	11:06:00	10:65			Reserve Shutdown		150
Polk 5	55	Reserve Shutdown	8/3/2023	0:34:00	8/3/2023	11:12:00	10:63			Reserve Shutdown		150
Polk 5	56	Reserve Shutdown	8/18/2023	23:13:00	8/19/2023	14:22:00	15:15			Reserve Shutdown		150
Polk 5	57	Reserve Shutdown	8/21/2023	23:31:00	8/22/2023	10:39:00	11:13			Reserve Shutdown		150
Polk 5	58	Reserve Shutdown	8/25/2023	23:48:00	8/26/2023	10:55:00	11:12			Reserve Shutdown		150
Polk 5	59	Reserve Shutdown	8/27/2023	23:04:00	8/28/2023	6:58:00	7:9			Reserve Shutdown		150
Polk 5	60	Reserve Shutdown	8/30/2023	22:09:00	8/31/2023	9:51:00	11:7			Reserve Shutdown		150
Polk 5	61	Startup Failure	8/31/2023	9:51:00	8/31/2023	22:46:00	12:92	4700	Generator voltage control	LCI failed to energize during startup. Fuse for 89ND (neutral ground disconnect) contr		150
Polk 5	62	Reserve Shutdown	8/31/2023	22:46:00	8/31/2023	23:59:00	1:23					150