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July 25, 2019

**ELECTRONIC FILING**

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

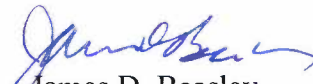
Re: Fuel and Purchased Power Cost Recovery Clause with Generating Performance  
Incentive Factor; FPSC Docket No. 20190001-EI

Dear Mr. Teitzman:

Attached for filing in the above docket is Tampa Electric Company's GPIF Actual Unit  
Performance Data Schedules for the month of June 2019.

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 July, 2019 to the following:

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ATTORNEY

ORIGINAL SHEET NO. 8.401.19A  
TAMPA ELECTRIC COMPANY

ACTUAL UNIT PERFORMANCE DATA

JANUARY 2019 - DECEMBER 2019

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 19	FEB 19	MAR 19	APR 19	MAY 19	JUN 19	JUL 19	AUG 19	SEP 19	OCT 19	NOV 19	DEC 19	2019
1. Equivalent Availability Factor (%)	EAF	99.9	87.8	23.1	87.9	93.9	87.9							80.1
2. Period Hours	PH	744.0	672.0	744.0	720.0	744.0	720.0							4,344.0
3. Service Hours	SH	744.0	597.1	0.0	586.9	714.1	714.1							3,356.200
4. Reserve Shutdown Hours	RSH	0.0	0.0	171.9	46.5	0.0	0.0							218.4
5. Unavailable Hours	UH	0.0	74.9	572.1	86.6	29.9	86.6							850.1
6. Planned Outage Hours	POH	0.0	74.9	572.1	8.5	0.0	8.5							664.0000
7. Forced Outage Hours	FOH	0.0	0.0	0.0	78.1	0.0	78.1							156.2
8. Maintenance Outage Hours	MOH	0.0	0.0	0.0	0.0	29.9	0.0							29.9
9a. Partial Planned Outage Hours	PPOH	0.0	48.5	0.0	0.0	0.0	0.0							48.5
9b. Load Reduction Partial Planned (MW)	LRPP	0.0	117.4	0.0	0.0	0.0	0.0							117.4
10a. Partial Forced Outage Hours	PFOH	2.1	0.0	0.0	0.9	0.0	0.9							3.900
10b. Load Reduction Partial Forced (MW)	LRPF	263.8	0.0	0.0	77.4	0.0	77.4							177.8
11a. Partial Maintenance Outage Hours	PMOH	0.0	0.0	0.0	0.0	44.6	0.0							44.6
11b. Load Reduction Partial Maintenance (MW)	LRPM	0.0	0.0	0.0	0.0	79.0	0.0							79.0
12. Net Summer Continuous Rating (MW)	NSC	701.0	701.0	701.0	701.0	701.0	701.0							701.0
13. Operating British Thermal Units (GBTU)	OPR BTU	2,153.7	1,975.7	0.0	2,092.3	2,623.6	2,709.4							11,554.7
14. Net Generation (MWH)	NETGEN	281,105.8	268,363.3	-489.0	285,493.0	357,594.0	285,493.0							1,477,560.1
15. Avg. Net Operating Heat Rate (BTU/KWH)	ANOHR	7,661.4	7,362.0	0.0	7,329.0	7,337.0	7,297.0							7,820.1
16. Net Output Factor (%)	NOF	47.7	56.8	0.0	69.4	68.6	69.4							59.0
17. Net Period Continuous Rating (MW)	NPC	792.0	792.0	792.0	701.0	701.0	701.0							746.5
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 2019 - DECEMBER 2019

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
BAYSIDE 2		JAN 19	FEB 19	MAR 19	APR 19	MAY 19	JUN 19	JUL 19	AUG 19	SEP 19	OCT 19	NOV 19	DEC 19	2019
1. Equivalent Availability Factor (%)	EAF	33.7	80.8	99.5	94.1	99.6	94.1							84.0
2. Period Hours	PH	744.0	672.0	744.0	720.0	744.0	720.0							4,344.0
3. Service Hours	SH	241.8	594.0	740.6	691.2	742.1	742.1							3,751.8
4. Reserve Shutdown Hours	RSH	24.0	0.0	0.0	0.0	0.0	0.0							24.0
5. Unavailable Hours	UH	478.2	78.0	3.4	28.8	1.9	28.8							619.1
6. Planned Outage Hours	POH	445.0	58.0	0.0	0.0	0.0	0.0							503.0
7. Forced Outage Hours	FOH	33.2	0.0	3.4	28.8	0.5	28.8							94.7
8. Maintenance Outage Hours	MOH	0.0	20.0	0.0	0.0	1.4	0.0							21.6
9a. Partial Planned Outage Hours	PPOH	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
10a. Partial Forced Outage Hours	PFOH	0.7	383.8	0.2	53.4	1.0	53.4							492.5
10b. Load Reduction Partial Forced (MW)	LRPF	261.8	138.4	78.8	77.0	77.5	77.0							125.1
11a. Partial Maintenance Outage Hours	PMOH	59.9	0.0	0.0	0.0	2.7	0.0							62.6
11b. Load Reduction Partial Maintenance (MW)	LRPM	261.8	0.0	0.0	0.0	77.1	0.0							253.9
12. Net Summer Continuous Rating (MW)	NSC	929.0	929.0	929.0	929.0	929.0	929.0							929.0
13. Operating British Thermal Units (GBTU)	OPR BTU	661.3	2,265.6	4,330.1	3,601.5	4,030.2	3,898.4							18,787.1
14. Net Generation (MWH)	NETGEN	80,708.2	305,544.7	572,174.0	492,205.4	551,479.2	492,205.4							2,494,316.9
15. Avg. Net Operating Heat Rate (BTU/KWH)	ANOHR	8,193.5	7,415.0	7,568.0	7,317.0	7,308.0	7,240.0							7,532.0
16. Net Output Factor (%)	NOF	31.9	49.1	86.9	73.6	77.5	73.6							66.7
17. Net Period Continuous Rating (MW)	NPC	1,047.0	1,047.0	1,047.0	956.0	956.0	929.0							997.0
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 2019 - DECEMBER 2019

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 19	FEB 19	MAR 19	APR 19	MAY 19	JUN 19	JUL 19	AUG 19	SEP 19	OCT 19	NOV 19	DEC 19	2019
1. Equivalent Availability Factor (%)	EAF	61.1	18.0	81.8	100.0	68.9	100.0							72.6
2. Period Hours	PH	744.0	672.0	744.0	720.0	744.0	720.0							4,344.0
3. Service Hours	SH	192.7	53.0	458.1	692.0	509.0	510.0							2,414.8
4. Reserve Shutdown Hours	RSH	322.9	0.0	179.0	28.0	3.4	42.0							575.3
5. Unavailable Hours	UH	213.9	539.6	106.9	0.0	231.6	0.0							1,092.0
6. Planned Outage Hours	POH	0.0	0.0	0.0	0.0	0.0	0.0							0.0
7. Forced Outage Hours	FOH	19.6	539.6	0.0	0.0	41.5	0.0							600.7
8. Maintenance Outage Hours	MOH	208.8	0.0	106.9	0.0	190.1	0.0							505.8
9a. Partial Planned Outage Hours	PPOH	744.0	493.0	30.9	0.0	0.0	0.0							1,267.9
9b. Load Reduction Partial Planned (MW)	LRPP	20.0	5.0	65.0	0.0	0.0	0.0							15.3
10a. Partial Forced Outage Hours	PFOH	0.0	0.0	0.0	0.0	0.0	0.0							0.0
10b. Load Reduction Partial Forced (MW)	LRPF	0.0	0.0	0.0	0.0	0.0	0.0							0.0
11a. Partial Maintenance Outage Hours	PMOH	0.0	0.0	46.7	0.0	0.0	0.0							46.7
11b. Load Reduction Partial Maintenance (MW)	LRPM	0.0	0.0	15.0	0.0	0.0	0.0							15.0
12. Net Summer Continuous Rating (MW)	NSC	220.0	220.0	220.0	235.0	235.0	235.0							227.5
13. Operating British Thermal Units (GBTU)	OPR BTU	247.0	62.5	551.9	884.0	657.3	872.8							3,275.5
14. Net Generation (MWH)	NETGEN	23,968.3	4,295.0	61,112.0	103,624.0	75,289.0	104,927.0							373,215.3
15. Avg. Net Operating Heat Rate (BTU/KWH)	ANOHR	10,304.7	14,559.0	9,032.0	8,531.0	8,731.0	8,639.0							8,776.4
16. Net Output Factor (%)	NOF	50.8	32.9	55.1	64.5	62.9	64.5							64.4
17. Net Period Continuous Rating (MW)	NPC	245.0	245.0	245.0	235.0	235.0	235.0							240.0
18. Avg. Net Operating Heat Rate Equation		ANOHR = NOF ( -7.778 ) + 10,842												



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TAMPA ELECTRIC COMPANY

ACTUAL UNIT PERFORMANCE DATA

JANUARY 2019 - DECEMBER 2019

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 19	FEB 19	MAR 19	APR 19	MAY 19	JUN 19	JUL 19	AUG 19	SEP 19	OCT 19	NOV 19	DEC 19	2019
1. Equivalent Availability Factor (%)	EAF	98.7	95.3	99.5	64.2	99.4	64.2							87.1
2. Period Hours	PH	744.0	672.0	744.0	720.0	744.0	720.0							4,344.0
3. Service Hours	SH	742.3	643.0	741.8	396.0	744.0	720.0							3,987.1
4. Reserve Shutdown Hours	RSH	0.0	0.0	0.0	66.5	0.0	-76.9							-10.4
5. Unavailable Hours	UH	1.7	29.0	2.2	257.5	0.0	257.6							548.0
6. Planned Outage Hours	POH	0.0	0.0	0.0	245.0	0.0	245.0							490.0
7. Forced Outage Hours	FOH	1.7	29.0	2.2	10.1	0.0	10.1							53.1
8. Maintenance Outage Hours	MOH	0.0	0.0	0.0	2.4	0.0	2.4							4.8
9a. Partial Planned Outage Hours	PPOH	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
10a. Partial Forced Outage Hours	PFOH	5.0	8.4	5.8	0.0	18.3	0.0							37.5
10b. Load Reduction Partial Forced (MW)	LRPF	34.0	298.6	97.0	0.0	138.0	0.0							153.8
11a. Partial Maintenance Outage Hours	PMOH	32.3	0.0	0.0	0.0	0.0	0.0							32.3
11b. Load Reduction Partial Maintenance (MW)	LRPM	300.0	0.0	0.0	0.0	0.0	0.0							300.0
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
13. Operating British Thermal Units (GBTU)	OPR BTU	4,703.9	2,665.0	3,704.2	1,627.1	3,689.5	3,213.4							19,603.1
14. Net Generation (MWH)	NETGEN	682,239.1	377,898.0	527,688.0	213,900.0	517,263.0	212,597.0							2,531,585.1
15. Avg. Net Operating Heat Rate (BTU/KWH)	ANOHR	6,894.7	7,052.0	7,020.0	7,607.0	7,134.0	7,144.0							7,743.4
16. Net Output Factor (%)	NOF	76.6	49.0	59.1	50.6	65.5	50.6							56.2
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							1,130.5
18. Avg. Net Operating Heat Rate Equation		ANOHR = NOF ( -53.862 ) + 11,266												

**Tampa Electric Company**  
**Outage Listing**  
**June 2019**

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)	49	Reserve Shutdown	6/1/2019	0:00:00	6/1/2019	10:00:00	10 N/A	N/A		Reserve Shutdown	N/A	156
BS CT1(A)	50	Reserve Shutdown	6/3/2019	22:54:00	6/4/2019	10:14:00	11.33 N/A	N/A		Reserve Shutdown	N/A	156
BS CT1(A)	51	Reserve Shutdown	6/4/2019	21:40:00	6/5/2019	9:12:00	11.53 N/A	N/A		Reserve Shutdown	N/A	156
BS CT1(A)	52	Reserve Shutdown	6/18/2019	0:24:00	6/18/2019	10:44:00	10.33 N/A	N/A		Reserve Shutdown	N/A	156
BS CT1(A)	53	Reserve Shutdown	6/23/2019	22:57:00	6/24/2019	9:09:00	10.2 N/A	N/A		Reserve Shutdown	N/A	156



Tampa Electric Company  
Outage Listing  
June 2019

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)	71	Reserve Shutdown	6/9/2019	23:12:00	6/10/2019	8:44:00	9.53	N\A	N\A	Reserve Shutdown	N\A	156
BS CT1(B)	72	Reserve Shutdown	6/16/2019	19:18:00	6/17/2019	10:36:00	15.3	N\A	N\A	Reserve Shutdown	N\A	156

**Tampa Electric Company**  
**Outage Listing**  
**June 2019**

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)	46	Reserve Shutdown	6/2/2019	22:27:00	6/3/2019	9:23:00	10.93	N\A	N\A	Reserve Shutdown	N\A	156
BS CT1(C)	47	Reserve Shutdown	6/3/2019	21:38:00	6/4/2019	6:01:00	8.38	N\A	N\A	Reserve Shutdown	N\A	156
BS CT1(C)	48	Reserve Shutdown	6/4/2019	23:38:00	6/5/2019	10:49:00	11.18	N\A	N\A	Reserve Shutdown	N\A	156
BS CT1(C)	49	Reserve Shutdown	6/8/2019	23:01:00	6/9/2019	11:35:00	12.57	N\A	N\A	Reserve Shutdown	N\A	156
BS CT1(C)	50	Reserve Shutdown	6/9/2019	20:08:00	6/11/2019	5:12:00	33.07	N\A	N\A	Reserve Shutdown	N\A	156
BS CT1(C)	51	Reserve Shutdown	6/12/2019	23:37:00	6/13/2019	11:55:00	12.3	N\A	N\A	Reserve Shutdown	N\A	156
BS CT1(C)	52	Unplanned (Forced)	6/25/2019	12:00:00	6/25/2019	19:00:00	7	5299	Other miscellaneous gas turbine problem1C Turbine Compartment Temps HI		128	156
BS CT1(C)	53	Unplanned (Forced)	6/26/2019	12:00:00	6/26/2019	19:00:00	7	5299	Other miscellaneous gas turbine problem1C Turbine Compartment Temps HI		128	156
BS CT1(C)	54	Reserve Shutdown	6/27/2019	0:46:00	6/27/2019	6:48:00	6.03	N\A	N\A	Reserve Shutdown	N\A	156
BS CT1(C)	55	Unplanned (Forced)	6/27/2019	6:48:00	6/30/2019	23:59:59	89.2	540	Reheat steam piping up to turbine stop v.1C CRH line leak		N\A	156

**Tampa Electric Company**  
**Outage Listing**  
**June 2019**

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	13	Maintenance Derating	6/3/2019	23:30:00	6/4/2019	5:33:00	6.05	3123 Hot well		ST1 derated for 1A Condenser cleaning	158	233
BS ST 1	14	Maintenance Derating	6/5/2019	0:10:00	6/5/2019	7:40:00	7.5	3123 Hot well		ST1 Derated for 1A condenser cleaning	158	233
BS ST 1	15	Maintenance Derating	6/10/2019	0:07:00	6/10/2019	9:44:00	9.62	3123 Hot well		ST1 derated for 1B condenser cleaning	158	233
BS ST 1	16	Unplanned (Forced) Derating - Immediate	6/24/2019	12:00:00	6/24/2019	19:00:00	7	3999 Other miscellaneous balance of plant problems		ST1 Drated - 1C Turbine Compartment Temps HI	221	233
BS ST 1	17	Unplanned (Forced) Derating - Immediate	6/25/2019	12:00:00	6/25/2019	19:00:00	7	3999 Other miscellaneous balance of plant problems		ST1 Derated - 1C Turbine Compartment Temps HI	221	233
BS ST 1	18	Unplanned (Forced) Derating - Immediate	6/26/2019	12:00:00	6/26/2019	19:00:00	7	3999 Other miscellaneous balance of plant problems		ST1 Derated - 1C Turbine Compartment Temps HI	221	233
BS ST 1	19	Unplanned (Forced) Derating - Immediate	6/27/2019	6:48:00	6/30/2019	23:59:59	89.2	3999 Other miscellaneous balance of plant problems		ST1 Derated - 1C CRH Line Leak	154	233

**Tampa Electric Company  
Outage Listing  
June 2019**

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)	46	Reserve Shutdown	6/1/2019	20:20:00	6/2/2019	9:22:00	13.03	N/A	N/A	Reserve Shutdown	N/A	156
BS CT2(A)	47	Reserve Shutdown	6/5/2019	22:04:00	6/6/2019	11:05:00	13.02	N/A	N/A	Reserve Shutdown	N/A	156
BS CT2(A)	48	Reserve Shutdown	6/6/2019	19:55:00	6/7/2019	6:12:00	10.28	N/A	N/A	Reserve Shutdown	N/A	156
BS CT2(A)	49	Reserve Shutdown	6/8/2019	0:26:00	6/8/2019	14:00:00	13.57	N/A	N/A	Reserve Shutdown	N/A	156
BS CT2(A)	50	Reserve Shutdown	6/19/2019	0:00:00	6/19/2019	7:02:00	7.03	N/A	N/A	Reserve Shutdown	N/A	156
BS CT2(A)	51	Reserve Shutdown	6/22/2019	0:34:00	6/22/2019	9:56:00	9.37	N/A	N/A	Reserve Shutdown	N/A	156
BS CT2(A)	52	Reserve Shutdown	6/24/2019	23:20:00	6/25/2019	6:33:00	7.22	N/A	N/A	Reserve Shutdown	N/A	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)	70	Reserve Shutdown	6/1/2019	21:43:00	6/2/2019	12:01:00	14.3	N\A	N\A	Reserve Shutdown	N\A	156
BS CT2(B)	71	Reserve Shutdown	6/5/2019	18:33:00	6/6/2019	10:22:00	15.82	N\A	N\A	Reserve Shutdown	N\A	156
BS CT2(B)	72	Reserve Shutdown	6/6/2019	22:32:00	6/7/2019	6:56:00	8.4	N\A	N\A	Reserve Shutdown	N\A	156
BS CT2(B)	73	Reserve Shutdown	6/7/2019	23:26:00	6/8/2019	7:37:00	8.18	N\A	N\A	Reserve Shutdown	N\A	156
BS CT2(B)	74	Reserve Shutdown	6/13/2019	0:47:00	6/13/2019	7:48:00	7.02	N\A	N\A	Reserve Shutdown	N\A	156
BS CT2(B)	75	Reserve Shutdown	6/17/2019	22:37:00	6/18/2019	5:36:00	6.98	N\A	N\A	Reserve Shutdown	N\A	156
BS CT2(B)	76	Reserve Shutdown	6/19/2019	23:58:00	6/20/2019	7:36:00	7.63	N\A	N\A	Reserve Shutdown	N\A	156
BS CT2(B)	77	Reserve Shutdown	6/23/2019	0:33:00	6/23/2019	10:36:00	10.05	N\A	N\A	Reserve Shutdown	N\A	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)	11	Unplanned (Forced) Outage - Immediate	6/15/2019	18:02:00	6/16/2019	10:56:00	16.9	5160	Cooling and seal air system	Exhaust frame blower #2 tripped and #1 would not start.	N/A	156
BS CT2(C)	12	Reserve Shutdown	6/16/2019	10:56:00	6/17/2019	7:45:00	20.82	N/A	N/A	Reserve Shutdown	N/A	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)	18	Reserve Shutdown	6/1/2019	23:54:00	6/2/2019	1:52:00	1.97	N/A	N/A	Reserve Shutdown	N/A	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	21	Maintenance Derating	6/5/2019	21:20:00	6/6/2019	9:53:00	12.55	3123	Hot well	ST2 Derated for 2A condenser cleaning	220	305
BS ST 2	22	Maintenance Derating	6/6/2019	23:06:00	6/7/2019	5:45:00	6.65	3123	Hot well	ST2 Derated for condenser cleaning	220	305
BS ST 2	23	Maintenance Derating	6/8/2019	1:06:00	6/8/2019	7:07:00	6.02	3123	Hot well	ST2 derated - condenser tube cleaning	220	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
Polk 1	29	Unplanned (Forced) Outage - Immediate	6/4/2019	3:20:00	6/4/2019	11:19:00	7.98	3629	Other switchyard or high voltage system probl	CT-2 MCC electrical fault caused power loss to CT-1 and ST-1	N/A	150
Polk 1	30	Reserve Shutdown	6/29/2019	3:13:00	6/30/2019	23:59:59	44.78	N/A	N/A	Reserve Shutdown. Shutdown to conserve operating CT-1 firing hours (unit has an alloca	N/A	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 1 ST	22	Unplanned (Forced) Outage - Immediate	6/4/2019	3:22:00	6/4/2019	13:16:00	9.9	3629	Other switchyard or high voltage system probl	CT-2 MCC electrical fault caused power loss to CT-1 and ST-1	N/A	85
Polk 1 ST	23	Maintenance Outage	6/14/2019	22:52:00	6/15/2019	4:41:00	5.82	3620	Main transformer	Repair of the dissolved gas analyzer on STG-1 GSU	N/A	85
Polk 1 ST	24	Reserve Shutdown	6/28/2019	0:00:00	6/29/2019	0:00:00	24	N/A	N/A	Reserve Shutdown	N/A	85
Polk 1 ST	25	Reserve Shutdown	6/29/2019	0:00:00	6/30/2019	0:00:00	24	N/A	N/A	Reserve Shutdown. Shutdown to conserve operating CT-1 firing hours (unit has an alloca	N/A	85
Polk 1 ST	26	Reserve Shutdown	6/30/2019	0:00:00	6/30/2019	23:59:59	24	N/A	N/A	Reserve Shutdown	N/A	85

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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	60	Reserve Shutdown	6/2/2019	2:03:00	6/2/2019	10:53:00	8.83	N/A	N/A	Reserve Shutdown	N/A	150
Polk 2	61	Unplanned (Forced) Outage - Immediate	6/4/2019	2:49:00	6/26/2019	19:03:00	544.23	N/A	N/A	CT-2 MCC had an electrical arc and fault. The unit lost power and shutdown. The turn	N/A	150
Polk 2	62	Reserve Shutdown	6/26/2019	20:15:00	6/27/2019	13:44:00	17.48	N/A	N/A	Reserve Shutdown	N/A	150
Polk 2	63	Reserve Shutdown	6/27/2019	19:56:00	6/27/2019	22:30:00	2.57	3499	Other feedwater system problems	Run in simple cycle because of boiler feed water pump flow transmitter was reading inc	N/A	150
Polk 2	64	Reserve Shutdown	6/29/2019	23:57:00	6/30/2019	11:50:00	11.88	N/A	N/A	Reserve Shutdown	N/A	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 3	60	Reserve Shutdown	6/1/2019	0:00:00	6/1/2019	11:20:00	11.33	N/A	N/A	Reserve Shutdown	N/A	150
Polk 3	61	Reserve Shutdown	6/2/2019	23:51:00	6/3/2019	0:00:00	0.15	N/A	N/A	Reserve Shutdown	N/A	150
Polk 3	62	Reserve Shutdown	6/28/2019	22:24:00	6/29/2019	9:35:00	11.18	N/A	N/A	Reserve Shutdown	N/A	150
Polk 3	63	Reserve Shutdown	6/30/2019	23:33:00	6/30/2019	23:59:59	0.45	N/A	N/A	Reserve Shutdown	N/A	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	57	Reserve Shutdown	6/4/2019	1:03:00	6/4/2019	11:11:00	10:13	N\A	N\A	Reserve Shutdown	N\A	150
Polk 4	58	Reserve Shutdown	6/11/2019	1:07:00	6/11/2019	7:11:00	6:07	N\A	N\A	Reserve Shutdown	N\A	150
Polk 4	59	Reserve Shutdown	6/14/2019	23:29:00	6/15/2019	11:06:00	11:62	N\A	N\A	Reserve Shutdown	N\A	150
Polk 4	60	Reserve Shutdown	6/16/2019	18:12:00	6/17/2019	12:44:00	18:53	N\A	N\A	Reserve Shutdown	N\A	150
Polk 4	61	Reserve Shutdown	6/18/2019	23:35:00	6/19/2019	11:01:00	11:43	N\A	N\A	Reserve Shutdown	N\A	150
Polk 4	62	Reserve Shutdown	6/21/2019	0:05:00	6/21/2019	10:03:00	9:97	N\A	N\A	Reserve Shutdown	N\A	150
Polk 4	63	Reserve Shutdown	6/21/2019	10:50:00	6/21/2019	11:38:00	0:8	N\A	N\A	Reserve Shutdown. There was a problem with hot reheat bypass pressure control valve p	N\A	150
Polk 4	64	Reserve Shutdown	6/22/2019	23:42:00	6/23/2019	11:57:00	12:25	N\A	N\A	Reserve Shutdown	N\A	150
Polk 4	65	Reserve Shutdown	6/25/2019	1:01:00	6/25/2019	9:56:00	8:92	N\A	N\A	Reserve Shutdown	N\A	150
Polk 4	66	Reserve Shutdown	6/27/2019	0:09:00	6/27/2019	9:47:00	9:63	N\A	N\A	Reserve Shutdown	N\A	150
Polk 4	67	Reserve Shutdown	6/29/2019	0:13:00	6/29/2019	10:44:00	10:52	N\A	N\A	Reserve Shutdown	N\A	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	64	Reserve Shutdown	6/1/2019	1:01:00	6/1/2019	11:45:00	10.73	N/A	N/A	Reserve Shutdown	N/A	150
Polk 5	65	Reserve Shutdown	6/2/2019	2:29:00	6/2/2019	12:24:00	9.92	N/A	N/A	Reserve Shutdown	N/A	150
Polk 5	66	Reserve Shutdown	6/3/2019	0:57:00	6/3/2019	19:03:00	18.1	N/A	N/A	Reserve Shutdown	N/A	150
Polk 5	67	Reserve Shutdown	6/5/2019	1:01:00	6/5/2019	11:30:00	10.48	N/A	N/A	Reserve Shutdown	N/A	150
Polk 5	68	Reserve Shutdown	6/13/2019	19:38:00	6/14/2019	10:06:00	14.47	N/A	N/A	Reserve Shutdown	N/A	150
Polk 5	69	Reserve Shutdown	6/16/2019	0:31:00	6/16/2019	11:18:00	10.78	N/A	N/A	Reserve Shutdown	N/A	150
Polk 5	70	Reserve Shutdown	6/17/2019	18:52:00	6/18/2019	11:44:00	16.87	N/A	N/A	Reserve Shutdown	N/A	150
Polk 5	71	Reserve Shutdown	6/19/2019	19:59:00	6/20/2019	10:56:00	14.95	N/A	N/A	Reserve Shutdown	N/A	150
Polk 5	72	Reserve Shutdown	6/21/2019	23:43:00	6/22/2019	11:04:00	11.35	N/A	N/A	Reserve Shutdown	N/A	150
Polk 5	73	Reserve Shutdown	6/24/2019	0:02:00	6/24/2019	10:56:00	10.9	N/A	N/A	Reserve Shutdown	N/A	150
Polk 5	74	Reserve Shutdown	6/26/2019	1:03:00	6/26/2019	10:04:00	9.02	N/A	N/A	Reserve Shutdown	N/A	150
Polk 5	75	Reserve Shutdown	6/28/2019	0:18:00	6/28/2019	10:50:00	10.53	N/A	N/A	Reserve Shutdown	N/A	150
Polk 5	76	Reserve Shutdown	6/29/2019	18:54:00	6/30/2019	11:00:00	16.1	N/A	N/A	Reserve Shutdown	N/A	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	12	Unplanned (Forced) Derating - Immediate	6/4/2019	2:49:00	6/26/2019	19:03:00	544.23	3629	Other switchyard or high voltage system probl	CT-2 MCC had an electrical arc and fault. The unit lost power and the shutdown. The	336	461
Polk 2 ST	10	Unplanned (Forced) Derating - Immediate	6/21/2019	10:50:00	6/21/2019	11:38:00	0.8	3999	Other miscellaneous balance of plant problems	There was a problem with hot reheat bypass pressure control valve positioner. High H	336	461
Polk 2 ST	11	Unplanned (Forced) Derating - Immediate	6/27/2019	19:56:00	6/27/2019	22:30:00	2.57	3999	Other miscellaneous balance of plant problems	Run in simple cycle because of boiler feed water pump flow transmitter was reading ir	336	461
Polk 2 ST	4	Unplanned (Forced) Derating - Immediate	2/26/2019	5:27:00	2/26/2019	6:24:00	0.95	3999	Other miscellaneous balance of plant problems	Hot Reheat Outlet Temperature High Temperature rolled damper tripped GTG	334	480
Polk 2 ST	5	Unplanned (Forced) Derating - Immediate	3/1/2019	23:03:00	3/2/2019	12:15:00	13.2	3999	Other miscellaneous balance of plant problems	CT2 tripped. Compressor bleed valve failed to open.	385	480
Polk 2 ST	6	Unplanned (Forced) Derating - Immediate	3/7/2019	11:27:00	3/7/2019	12:45:00	1.3	3999	Other miscellaneous balance of plant problems	CT2 bad point on a DCS card. Bypass damper closed shutting down the HRSG. CT2 ru	364	480