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June 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

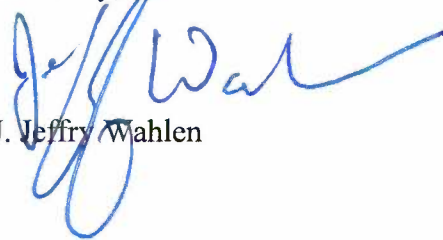
Re: Fuel and Purchased Power Cost Recovery Clause with Generating Performance
Incentive Factor; FPSC Docket No. 20190001-EI

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 May 2019.

Thank you for your assistance in connection with this matter.

Sincerely,



J. Jeffrey Wahlen

JJW/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 June, 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:	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								78.6
2. Period Hours	PH	744.0	672.0	744.0	720.0	744.0								3,624.0
3. Service Hours	SH	744.0	597.1	0.0	586.9	714.1								2,642.100
4. Reserve Shutdown Hours	RSH	0.0	0.0	171.9	46.5	0.0								218.4
5. Unavailable Hours	UH	0.0	74.9	572.1	86.6	29.9								763.5
6. Planned Outage Hours	POH	0.0	74.9	572.1	8.5	0.0								655.5000
7. Forced Outage Hours	FOH	0.0	0.0	0.0	78.1	0.0								78.1
8. Maintenance Outage Hours	MOH	0.0	0.0	0.0	0.0	29.9								29.9
9a. Partial Planned Outage Hours	PPOH	0.0	48.5	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								117.4
10a. Partial Forced Outage Hours	PFOH	2.1	0.0	0.0	0.9	0.0								3.000
10b. Load Reduction Partial Forced (MW)	LRPF	263.8	0.0	0.0	77.4	0.0								207.9
11a. Partial Maintenance Outage Hours	PMOH	0.0	0.0	0.0	0.0	44.6								44.6
11b. Load Reduction Partial Maintenance (MW)	LRPM	0.0	0.0	0.0	0.0	79.0								79.0
12. Net Summer Continuous Rating (MW)	NSC	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								8,845.3
14. Net Generation (MWH)	NETGEN	281,105.8	268,363.3	-489.0	285,493.0	357,594.0								1,192,067.1
15. Avg. Net Operating Heat Rate (BTU/KWH)	ANOHR	7,661.4	7,362.0	0.0	7,329.0	7,337.0								7,420.1
16. Net Output Factor (%)	NOF	47.7	56.8	0.0	69.4	68.6								59.7
17. Net Period Continuous Rating (MW)	NPC	792.0	792.0	792.0	701.0	701.0								755.6
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								81.7
2. Period Hours	PH	744.0	672.0	744.0	720.0	744.0								3,624.0
3. Service Hours	SH	241.8	594.0	740.6	691.2	742.1								3,009.7
4. Reserve Shutdown Hours	RSH	24.0	0.0	0.0	0.0	0.0								24.0
5. Unavailable Hours	UH	478.2	78.0	3.4	28.8	1.9								590.3
6. Planned Outage Hours	POH	445.0	58.0	0.0	0.0	0.0								503.0
7. Forced Outage Hours	FOH	33.2	0.0	3.4	28.8	0.5								65.9
8. Maintenance Outage Hours	MOH	0.0	20.0	0.0	0.0	1.4								21.6
9a. Partial Planned Outage Hours	PPOH	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
10a. Partial Forced Outage Hours	PFOH	0.7	383.8	0.2	53.4	1.0								439.1
10b. Load Reduction Partial Forced (MW)	LRPF	261.8	138.4	78.8	77.0	77.5								131.0
11a. Partial Maintenance Outage Hours	PMOH	59.9	0.0	0.0	0.0	2.7								62.6
11b. Load Reduction Partial Maintenance (MW)	LRPM	261.8	0.0	0.0	0.0	77.1								253.9
12. Net Summer Continuous Rating (MW)	NSC	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								14,888.7
14. Net Generation (MWH)	NETGEN	80,708.2	305,544.7	572,174.0	492,205.4	551,479.2								2,002,111.5
15. Avg. Net Operating Heat Rate (BTU/KWH)	ANOHR	8,193.5	7,415.0	7,568.0	7,317.0	7,308.0								7,436.5
16. Net Output Factor (%)	NOF	31.9	49.1	86.9	73.6	77.5								65.8
17. Net Period Continuous Rating (MW)	NPC	1,047.0	1,047.0	1,047.0	956.0	956.0								1,010.6
18. Avg. Net Operating Heat Rate Equation		ANOHR = NOF (-6.673) + 7,965												

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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								67.2
2. Period Hours	PH	744.0	672.0	744.0	720.0	744.0								3,624.0
3. Service Hours	SH	192.7	53.0	458.1	692.0	509.0								1,904.8
4. Reserve Shutdown Hours	RSH	322.9	0.0	179.0	28.0	3.4								533.3
5. Unavailable Hours	UH	213.9	539.6	106.9	0.0	231.6								1,092.0
6. Planned Outage Hours	POH	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								600.7
8. Maintenance Outage Hours	MOH	208.8	0.0	106.9	0.0	190.1								505.8
9a. Partial Planned Outage Hours	PPOH	744.0	493.0	30.9	0.0	0.0								1,267.9
9b. Load Reduction Partial Planned (MW)	LRPP	20.0	5.0	65.0	0.0	0.0								15.3
10a. Partial Forced Outage Hours	PFOH	0.0	0.0	0.0	0.0	0.0								0.0
10b. Load Reduction Partial Forced (MW)	LRPF	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								46.7
11b. Load Reduction Partial Maintenance (MW)	LRPM	0.0	0.0	15.0	0.0	0.0								15.0
12. Net Summer Continuous Rating (MW)	NSC	220.0	220.0	220.0	235.0	235.0								226.0
13. Operating British Thermal Units (GBTU)	OPR BTU	247.0	62.5	551.9	884.0	657.3								2,402.7
14. Net Generation (MWH)	NETGEN	23,968.3	4,295.0	61,112.0	103,624.0	75,289.0								268,288.3
15. Avg. Net Operating Heat Rate (BTU/KWH)	ANOHR	10,304.7	14,559.0	9,032.0	8,531.0	8,731.0								8,955.6
16. Net Output Factor (%)	NOF	50.8	32.9	55.1	64.5	62.9								58.4
17. Net Period Continuous Rating (MW)	NPC	245.0	245.0	245.0	235.0	235.0								241.0
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 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
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								91.6
2. Period Hours	PH	744.0	672.0	744.0	720.0	744.0								3,624.0
3. Service Hours	SH	742.3	643.0	741.8	396.0	744.0								3,267.1
4. Reserve Shutdown Hours	RSH	0.0	0.0	0.0	66.5	0.0								66.5
5. Unavailable Hours	UH	1.7	29.0	2.2	257.5	0.0								290.4
6. Planned Outage Hours	POH	0.0	0.0	0.0	245.0	0.0								245.0
7. Forced Outage Hours	FOH	1.7	29.0	2.2	10.1	0.0								43.0
8. Maintenance Outage Hours	MOH	0.0	0.0	0.0	2.4	0.0								2.4
9a. Partial Planned Outage Hours	PPOH	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
10a. Partial Forced Outage Hours	PFOH	5.0	8.4	5.8	0.0	18.3								37.5
10b. Load Reduction Partial Forced (MW)	LRPF	34.0	298.6	97.0	0.0	138.0								153.8
11a. Partial Maintenance Outage Hours	PMOH	32.3	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								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
13. Operating British Thermal Units (GBTU)	OPR BTU	4,703.9	2,665.0	3,704.2	1,627.1	3,689.5								16,389.7
14. Net Generation (MWH)	NETGEN	682,239.1	377,898.0	527,688.0	213,900.0	517,264.0								2,318,988.1
15. Avg. Net Operating Heat Rate (BTU/KWH)	ANOHR	6,894.7	7,052.0	7,020.0	7,607.0	7,133.0								7,067.6
16. Net Output Factor (%)	NOF	76.6	49.0	59.1	50.6	65.5								62.0
17. Net Period Continuous Rating (MW)	NPC	1,200.0	1,200.0	1,200.0	1,061.0	1,061.0								1,144.4
18. Avg. Net Operating Heat Rate Equation		ANOHR = NOF (-53.862) + 11,266												

Tampa Electric Company
 Outage Listing
 May 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)	38	Reserve Shutdown	5/4/2019	0:00:00	5/4/2019	7:12:00	7.2	N\A	N\A	Reserve Shutdown	N\A	156
BS CT1(A)	39	Reserve Shutdown	5/5/2019	22:07:00	5/6/2019	5:41:00	7.57	N\A	N\A	Reserve Shutdown	N\A	156
BS CT1(A)	40	Reserve Shutdown	5/6/2019	23:54:00	5/7/2019	10:09:00	10.25	N\A	N\A	Reserve Shutdown	N\A	156
BS CT1(A)	41	Reserve Shutdown	5/7/2019	21:48:00	5/8/2019	5:23:00	7.58	N\A	N\A	Reserve Shutdown	N\A	156
BS CT1(A)	42	Maintenance Outag	5/10/2019	21:39:00	5/16/2019	4:45:00	127.1	5079	Other combustor problems	The seal around the liner was compromised.	N\A	156
BS CT1(A)	43	Reserve Shutdown	5/16/2019	4:45:00	5/16/2019	5:44:00	0.98	N\A	N\A	Reserve Shutdown	N\A	156
BS CT1(A)	44	Reserve Shutdown	5/18/2019	0:42:00	5/18/2019	9:54:00	9.2	N\A	N\A	Reserve Shutdown	N\A	156
BS CT1(A)	45	Reserve Shutdown	5/20/2019	21:39:00	5/21/2019	10:28:00	12.82	N\A	N\A	Reserve Shutdown	N\A	156
BS CT1(A)	46	Reserve Shutdown	5/21/2019	23:09:00	5/22/2019	9:31:00	10.37	N\A	N\A	Reserve Shutdown	N\A	156
BS CT1(A)	47	Reserve Shutdown	5/23/2019	0:30:00	5/23/2019	9:52:00	9.37	N\A	N\A	Reserve Shutdown	N\A	156
BS CT1(A)	48	Reserve Shutdown	5/24/2019	23:32:00	5/25/2019	9:18:00	9.77	N\A	N\A	Reserve Shutdown	N\A	156
BS CT1(A)	49	Reserve Shutdown	5/31/2019	22:54:00	5/31/2019	23:59:59	1.1	N\A	N\A	Reserve Shutdown	N\A	156

Tampa Electric Company
Outage Listing
May 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)	54	Reserve Shutdown	5/1/2019	23:51:00	5/2/2019	7:05:00	7.23	N\A	N\A	Reserve Shutdown	N\A	156
BS CT1(B)	55	Reserve Shutdown	5/4/2019	0:37:00	5/4/2019	8:13:00	7.6	N\A	N\A	Reserve Shutdown	N\A	156
BS CT1(B)	56	Reserve Shutdown	5/6/2019	20:23:00	5/7/2019	4:20:00	7.95	N\A	N\A	Reserve Shutdown	N\A	156
BS CT1(B)	57	Maintenance Outage	5/7/2019	4:20:00	5/7/2019	11:34:00	7.23	520	Other main steam valves	HP Economizer vent line leak	N\A	156
BS CT1(B)	58	Reserve Shutdown	5/7/2019	11:34:00	5/7/2019	12:06:00	0.53	N\A	N\A	Reserve Shutdown	N\A	156
BS CT1(B)	59	Reserve Shutdown	5/9/2019	23:54:00	5/10/2019	10:18:00	10.4	N\A	N\A	Reserve Shutdown	N\A	156
BS CT1(B)	60	Reserve Shutdown	5/11/2019	0:06:00	5/11/2019	9:51:00	9.75	N\A	N\A	Reserve Shutdown	N\A	156
BS CT1(B)	61	Reserve Shutdown	5/13/2019	20:04:00	5/14/2019	6:30:00	10.43	N\A	N\A	Reserve Shutdown	N\A	156
BS CT1(B)	62	Reserve Shutdown	5/14/2019	23:01:00	5/15/2019	6:34:00	7.55	N\A	N\A	Reserve Shutdown	N\A	156
BS CT1(B)	63	Reserve Shutdown	5/16/2019	0:08:00	5/16/2019	10:49:00	10.68	N\A	N\A	Reserve Shutdown	N\A	156
BS CT1(B)	64	Reserve Shutdown	5/16/2019	22:50:00	5/17/2019	6:29:00	7.65	N\A	N\A	Reserve Shutdown	N\A	156
BS CT1(B)	65	Reserve Shutdown	5/17/2019	22:44:00	5/18/2019	8:53:00	10.15	N\A	N\A	Reserve Shutdown	N\A	156
BS CT1(B)	66	Reserve Shutdown	5/19/2019	21:40:00	5/20/2019	8:13:00	10.55	N\A	N\A	Reserve Shutdown	N\A	156
BS CT1(B)	67	Reserve Shutdown	5/25/2019	0:24:00	5/25/2019	10:38:00	10.23	N\A	N\A	Reserve Shutdown	N\A	156
BS CT1(B)	68	Reserve Shutdown	5/27/2019	1:09:00	5/27/2019	10:28:00	9.32	N\A	N\A	Reserve Shutdown	N\A	156
BS CT1(B)	69	Reserve Shutdown	5/29/2019	22:02:00	5/30/2019	10:19:00	12.28	N\A	N\A	Reserve Shutdown	N\A	156
BS CT1(B)	70	Reserve Shutdown	5/30/2019	22:19:00	5/31/2019	8:28:00	10.15	N\A	N\A	Reserve Shutdown	N\A	156

Tampa Electric Company
Outage Listing
May 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)	39	Reserve Shutdown	5/4/2019	22:02:00	5/5/2019	8:37:00	10.58	N\A	N\A	Reserve Shutdown	N\A	156
BS CT1(C)	40	Reserve Shutdown	5/8/2019	23:21:00	5/9/2019	6:38:00	7.28	N\A	N\A	Reserve Shutdown	N\A	156
BS CT1(C)	41	Reserve Shutdown	5/20/2019	0:50:00	5/20/2019	10:39:00	9.82	N\A	N\A	Reserve Shutdown	N\A	156
BS CT1(C)	42	Reserve Shutdown	5/22/2019	0:10:00	5/22/2019	10:33:00	10.38	N\A	N\A	Reserve Shutdown	N\A	156
BS CT1(C)	43	Reserve Shutdown	5/24/2019	0:02:00	5/24/2019	9:16:00	9.23	N\A	N\A	Reserve Shutdown	N\A	156
BS CT1(C)	44	Reserve Shutdown	5/26/2019	0:51:00	5/26/2019	9:42:00	8.85	N\A	N\A	Reserve Shutdown	N\A	156
BS CT1(C)	45	Reserve Shutdown	5/28/2019	23:30:00	5/29/2019	9:31:00	10.02	N\A	N\A	Reserve Shutdown	N\A	156

Tampa Electric Company
 Outage Listing
 May 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	11	Maintenance Derating	5/7/2019	4:20:00	5/7/2019	11:34:00	7.23	3999	Other miscellaneous balance of plant problems	ST1 Derated - 1B HP economizer vent line leak.	154	233
BS ST 1	12	Maintenance Derating	5/10/2019	21:39:00	5/16/2019	4:45:00	127.1	3999	Other miscellaneous balance of plant problems	ST 1 Derated - 1A Combustion liner and transition piece replacemer	154	233

Tampa Electric Company
 Outage Listing
 May 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)	37	Reserve Shutdown	5/7/2019	20:02:00	5/8/2019	5:00:00	8.97	N\A	N\A	Reserve Shutdown	N\A	156
BS CT2(A)	38	Maintenance Outage	5/8/2019	5:00:00	5/8/2019	13:26:00	8.43	520	Other main steam valves (including vent and d	Repair the IP line leaking valve and calibrate the positioner	N\A	156
BS CT2(A)	39	Reserve Shutdown	5/9/2019	0:03:00	5/9/2019	9:59:00	9.93	N\A	N\A	Reserve Shutdown	N\A	156
BS CT2(A)	40	Reserve Shutdown	5/13/2019	22:06:00	5/14/2019	9:26:00	11.33	N\A	N\A	Reserve Shutdown	N\A	156
BS CT2(A)	41	Reserve Shutdown	5/18/2019	23:03:00	5/19/2019	7:59:00	8.93	N\A	N\A	Reserve Shutdown	N\A	156
BS CT2(A)	42	Reserve Shutdown	5/21/2019	1:05:00	5/21/2019	9:02:00	7.95	N\A	N\A	Reserve Shutdown	N\A	156
BS CT2(A)	43	Reserve Shutdown	5/22/2019	23:01:00	5/23/2019	9:16:00	10.25	N\A	N\A	Reserve Shutdown	N\A	156
BS CT2(A)	44	Reserve Shutdown	5/25/2019	23:50:00	5/26/2019	8:58:00	9.13	N\A	N\A	Reserve Shutdown	N\A	156
BS CT2(A)	45	Reserve Shutdown	5/28/2019	0:36:00	5/28/2019	9:22:00	8.77	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)	52	Reserve Shutdown	5/1/2019	0:00:00	5/1/2019	9:22:00	9.37	N\A	N\A	Reserve Shutdown	N\A	156
BS CT2(B)	53	Reserve Shutdown	5/2/2019	23:14:00	5/3/2019	10:31:00	11.28	N\A	N\A	Reserve Shutdown	N\A	156
BS CT2(B)	54	Reserve Shutdown	5/4/2019	2:24:00	5/4/2019	9:30:00	7.1	N\A	N\A	Reserve Shutdown	N\A	156
BS CT2(B)	55	Reserve Shutdown	5/6/2019	0:16:00	5/6/2019	7:46:00	7.5	N\A	N\A	Reserve Shutdown	N\A	156
BS CT2(B)	56	Reserve Shutdown	5/7/2019	0:56:00	5/7/2019	11:24:00	10.47	N\A	N\A	Reserve Shutdown	N\A	156
BS CT2(B)	57	Reserve Shutdown	5/8/2019	0:36:00	5/8/2019	9:53:00	9.28	N\A	N\A	Reserve Shutdown	N\A	156
BS CT2(B)	58	Reserve Shutdown	5/9/2019	22:04:00	5/10/2019	7:44:00	9.67	N\A	N\A	Reserve Shutdown	N\A	156
BS CT2(B)	59	Reserve Shutdown	5/12/2019	0:55:00	5/12/2019	8:41:00	7.77	N\A	N\A	Reserve Shutdown	N\A	156
BS CT2(B)	60	Reserve Shutdown	5/14/2019	20:57:00	5/15/2019	10:50:00	13.88	N\A	N\A	Reserve Shutdown	N\A	156
BS CT2(B)	61	Reserve Shutdown	5/15/2019	23:29:00	5/16/2019	6:40:00	7.18	N\A	N\A	Reserve Shutdown	N\A	156
BS CT2(B)	62	Reserve Shutdown	5/18/2019	1:58:00	5/18/2019	10:27:00	8.48	N\A	N\A	Reserve Shutdown	N\A	156
BS CT2(B)	63	Reserve Shutdown	5/19/2019	0:55:00	5/19/2019	9:44:00	8.82	N\A	N\A	Reserve Shutdown	N\A	156
BS CT2(B)	64	Reserve Shutdown	5/19/2019	22:49:00	5/20/2019	10:00:00	11.18	N\A	N\A	Reserve Shutdown	N\A	156
BS CT2(B)	65	Reserve Shutdown	5/20/2019	22:52:00	5/21/2019	5:20:00	6.47	N\A	N\A	Reserve Shutdown	N\A	156
BS CT2(B)	66	Unplanned (Forced)	5/21/2019	5:20:00	5/21/2019	8:29:00	3.15	3420	Feedwater piping	Boiler feed pump discharge line leaking.	N\A	156
BS CT2(B)	67	Reserve Shutdown	5/21/2019	8:29:00	5/21/2019	9:46:00	1.28	N\A	N\A	Reserve Shutdown	N\A	156
BS CT2(B)	68	Reserve Shutdown	5/23/2019	22:07:00	5/24/2019	10:19:00	12.2	N\A	N\A	Reserve Shutdown	N\A	156
BS CT2(B)	69	Reserve Shutdown	5/26/2019	23:58:00	5/27/2019	9:28:00	9.5	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
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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
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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	19	Maintenance Derating	5/8/2019	5:00:00	5/8/2019	13:26:00	8.43	3999	Other miscellaneous balance of plant problems	ST Derated - 2A IP drain valve leak	228	305
BS ST 2	20	Unplanned (Forced) Derating - Immediate	5/21/2019	5:20:00	5/21/2019	8:29:00	3.15	3999	Other miscellaneous balance of plant problems	ST 2 Derated - 2B Feedwater piping	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
Polk 1	27	Maintenance Outage	5/7/2019	20:58:00	5/15/2019	18:21:00	189.38	5109	Other exhaust problems	Changed IGV actuator. Improper design. Existing IGV actuator had to be replaced with a	N/A	150
Polk 1	28	Unplanned (Forced) Outage - Immediate	5/15/2019	20:19:00	5/17/2019	12:36:00	40.28	799	Other miscellaneous piping system problems	Leak in HRSG HP Superheater drain pipe	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	19	Maintenance Outage	5/7/2019	20:58:00	5/15/2019	20:19:00	191.35	3999	Other miscellaneous balance	Changed IGV actuator in Polk 1 CT. Improper design. Existing IGV actuator had to be re	N/A	85
Polk 1 ST	20	Startup Failure	5/15/2019	20:19:00	5/17/2019	14:41:00	42.37	3999	Other miscellaneous balance	Leak in HRSG HP superheater attemperator drain pipe	N/A	85
Polk 1 ST	21	Unplanned (Forced) Outage - Immediate	5/21/2019	12:54:00	5/21/2019	14:07:00	1.22	4309	Other turbine instrument anc	ST1 tripped on #3 bearing high vibration . Trip was attributed to the painters bumpin	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	45	Reserve Shutdown	5/1/2019	22:06:00	5/2/2019	11:36:00	13.5	N/A	N/A	Reserve Shutdown	N/A	150
Polk 2	46	Reserve Shutdown	5/3/2019	20:07:00	5/4/2019	10:35:00	14.47	N/A	N/A	Reserve Shutdown	N/A	150
Polk 2	47	Reserve Shutdown	5/5/2019	18:49:00	5/6/2019	12:39:00	17.83	N/A	N/A	Reserve Shutdown	N/A	150
Polk 2	48	Reserve Shutdown	5/8/2019	22:15:00	5/9/2019	11:33:00	13.3	N/A	N/A	Reserve Shutdown	N/A	150
Polk 2	49	Reserve Shutdown	5/10/2019	22:28:00	5/11/2019	9:59:00	11.52	N/A	N/A	Reserve Shutdown	N/A	150
Polk 2	50	Reserve Shutdown	5/12/2019	23:07:00	5/13/2019	6:50:00	7.72	N/A	N/A	Reserve Shutdown	N/A	150
Polk 2	51	Reserve Shutdown	5/15/2019	0:04:00	5/15/2019	15:19:00	15.25	N/A	N/A	Reserve Shutdown	N/A	150
Polk 2	52	Reserve Shutdown	5/15/2019	21:58:00	5/16/2019	14:19:00	16.35	N/A	N/A	Reserve Shutdown	N/A	150
Polk 2	53	Reserve Shutdown	5/16/2019	23:27:00	5/17/2019	10:08:00	10.68	N/A	N/A	Reserve Shutdown	N/A	150
Polk 2	54	Reserve Shutdown	5/20/2019	23:53:00	5/21/2019	11:25:00	11.53	N/A	N/A	Reserve Shutdown	N/A	150
Polk 2	55	Reserve Shutdown	5/22/2019	23:43:00	5/23/2019	11:19:00	11.6	N/A	N/A	Reserve Shutdown	N/A	150
Polk 2	56	Reserve Shutdown	5/24/2019	21:59:00	5/25/2019	10:16:00	12.28	N/A	N/A	Reserve Shutdown	N/A	150
Polk 2	57	Reserve Shutdown	5/26/2019	22:41:00	5/27/2019	10:53:00	12.2	N/A	N/A	Reserve Shutdown	N/A	150
Polk 2	58	Reserve Shutdown	5/28/2019	23:22:00	5/29/2019	10:05:00	10.72	N/A	N/A	Reserve Shutdown	N/A	150
Polk 2	59	Reserve Shutdown	5/31/2019	0:03:00	5/31/2019	10:02:00	9.98	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	45	Reserve Shutdown	5/1/2019	0:00:00	5/1/2019	11:00:00	11	N/A	N/A	Reserve Shutdown	N/A	150
Polk 3	46	Reserve Shutdown	5/2/2019	22:15:00	5/3/2019	14:21:00	16.1	N/A	N/A	Reserve Shutdown	N/A	150
Polk 3	47	Reserve Shutdown	5/4/2019	23:22:00	5/5/2019	9:53:00	10.52	N/A	N/A	Reserve Shutdown	N/A	150
Polk 3	48	Reserve Shutdown	5/6/2019	22:08:00	5/7/2019	6:21:00	8.22	N/A	N/A	Reserve Shutdown	N/A	150
Polk 3	49	Reserve Shutdown	5/7/2019	23:15:00	5/8/2019	11:16:00	12.02	N/A	N/A	Reserve Shutdown	N/A	150
Polk 3	50	Unplanned (Forced) Derating - Immediate	5/8/2019	11:13:00	5/9/2019	18:58:00	31.75	5299	Other miscellaneous gas turb inlet bleed heat position transmitter failed.		110	150
Polk 3	51	Reserve Shutdown	5/9/2019	19:03:00	5/10/2019	10:49:00	15.77	N/A	N/A	Reserve Shutdown	N/A	150
Polk 3	52	Reserve Shutdown	5/11/2019	22:59:00	5/12/2019	9:35:00	10.6	N/A	N/A	Reserve Shutdown	N/A	150
Polk 3	53	Reserve Shutdown	5/13/2019	23:32:00	5/14/2019	10:27:00	10.92	N/A	N/A	Reserve Shutdown	N/A	150
Polk 3	54	Reserve Shutdown	5/18/2019	21:14:00	5/19/2019	11:22:00	14.13	N/A	N/A	Reserve Shutdown	N/A	150
Polk 3	55	Reserve Shutdown	5/21/2019	22:01:00	5/22/2019	11:05:00	13.07	N/A	N/A	Reserve Shutdown	N/A	150
Polk 3	56	Reserve Shutdown	5/23/2019	23:03:00	5/24/2019	12:41:00	13.63	N/A	N/A	Reserve Shutdown	N/A	150
Polk 3	57	Reserve Shutdown	5/25/2019	23:01:00	5/26/2019	12:00:00	12.98	N/A	N/A	Reserve Shutdown	N/A	150
Polk 3	58	Reserve Shutdown	5/28/2019	0:01:00	5/28/2019	11:34:00	11.55	N/A	N/A	Reserve Shutdown	N/A	150
Polk 3	59	Reserve Shutdown	5/30/2019	1:06:00	5/30/2019	10:01:00	8.92	N/A	N/A	Reserve Shutdown	N/A	150
Polk 3	60	Reserve Shutdown	5/31/2019	23:58:00	5/31/2019	23:59:59	0.03	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	46	Reserve Shutdown	5/1/2019	22:59:00	5/2/2019	10:40:00	11.68	N/A	N/A	Reserve Shutdown	N/A	150
Polk 4	47	Reserve Shutdown	5/3/2019	22:04:00	5/4/2019	12:40:00	14.6	N/A	N/A	Reserve Shutdown	N/A	150
Polk 4	48	Reserve Shutdown	5/5/2019	23:04:00	5/6/2019	10:28:00	11.4	N/A	N/A	Reserve Shutdown	N/A	150
Polk 4	49	Reserve Shutdown	5/7/2019	23:49:00	5/8/2019	6:58:00	7.15	N/A	N/A	Reserve Shutdown	N/A	150
Polk 4	50	Reserve Shutdown	5/9/2019	23:20:00	5/10/2019	11:35:00	12.25	N/A	N/A	Reserve Shutdown	N/A	150
Polk 4	51	Reserve Shutdown	5/12/2019	0:02:00	5/12/2019	11:01:00	10.98	N/A	N/A	Reserve Shutdown	N/A	150
Polk 4	52	Reserve Shutdown	5/18/2019	23:57:00	5/19/2019	12:59:00	13.03	N/A	N/A	Reserve Shutdown	N/A	150
Polk 4	53	Reserve Shutdown	5/23/2019	21:29:00	5/24/2019	11:33:00	14.07	N/A	N/A	Reserve Shutdown	N/A	150
Polk 4	54	Reserve Shutdown	5/25/2019	22:09:00	5/26/2019	10:29:00	12.33	N/A	N/A	Reserve Shutdown	N/A	150
Polk 4	55	Reserve Shutdown	5/27/2019	23:00:00	5/28/2019	9:38:00	10.63	N/A	N/A	Reserve Shutdown	N/A	150
Polk 4	56	Reserve Shutdown	5/29/2019	23:48:00	5/30/2019	8:17:00	8.48	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	49	Reserve Shutdown	5/1/2019	0:07:00	5/1/2019	12:39:00	12:53	N/A	N/A	Reserve Shutdown	N/A	150
Polk 5	50	Reserve Shutdown	5/2/2019	21:31:00	5/3/2019	16:14:00	18:72	N/A	N/A	Reserve Shutdown	N/A	150
Polk 5	51	Reserve Shutdown	5/5/2019	0:12:00	5/5/2019	10:57:00	10:75	N/A	N/A	Reserve Shutdown	N/A	150
Polk 5	52	Reserve Shutdown	5/6/2019	23:27:00	5/7/2019	13:57:00	14:5	N/A	N/A	Reserve Shutdown	N/A	150
Polk 5	53	Reserve Shutdown	5/8/2019	22:44:00	5/9/2019	12:24:00	13:67	N/A	N/A	Reserve Shutdown	N/A	150
Polk 5	54	Reserve Shutdown	5/10/2019	23:17:00	5/11/2019	11:11:00	11:9	N/A	N/A	Reserve Shutdown	N/A	150
Polk 5	55	Reserve Shutdown	5/13/2019	0:47:00	5/13/2019	10:31:00	9:73	N/A	N/A	Reserve Shutdown	N/A	150
Polk 5	56	Reserve Shutdown	5/17/2019	0:08:00	5/17/2019	13:37:00	13:48	N/A	N/A	Reserve Shutdown	N/A	150
Polk 5	57	Reserve Shutdown	5/17/2019	21:30:00	5/18/2019	11:56:00	14:43	N/A	N/A	Reserve Shutdown	N/A	150
Polk 5	58	Reserve Shutdown	5/19/2019	6:33:00	5/19/2019	8:58:00	2:42	N/A	N/A	Reserve Shutdown	N/A	150
Polk 5	59	Reserve Shutdown	5/19/2019	23:46:00	5/20/2019	11:15:00	11:48	N/A	N/A	Reserve Shutdown	N/A	150
Polk 5	60	Reserve Shutdown	5/22/2019	22:17:00	5/23/2019	12:53:00	14:6	N/A	N/A	Reserve Shutdown	N/A	150
Polk 5	61	Reserve Shutdown	5/24/2019	23:00:00	5/25/2019	11:25:00	12:42	N/A	N/A	Reserve Shutdown	N/A	150
Polk 5	62	Reserve Shutdown	5/26/2019	23:29:00	5/27/2019	11:36:00	12:12	N/A	N/A	Reserve Shutdown	N/A	150
Polk 5	63	Reserve Shutdown	5/29/2019	1:11:00	5/29/2019	11:46:00	10:58	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	8	Unplanned (Forced) Derating - Immediate	5/8/2019	11:13:00	5/9/2019	18:58:00	31.75	3999	Other miscellaneous balance of plant problems	Inlet bleed heat position transmitter failed.	363	461
Polk 2 ST	2	Unplanned (Forced) Derating - Immediate	2/1/2019	9:52:00	2/1/2019	17:19:00	7.45	3310	Condensate/hotwell pumps	Lost power to Feedwater Pump electrical bus	355	480
Polk 2 ST	3	Unplanned (Forced) Outage - Immediate	2/14/2019	18:47:00	2/16/2019	0:00:00	29.22	3330	Condensate valves	The Hotwell emergency level controller swapped to manual preventing proper operation N/A		480
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 run o	364	480