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April 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

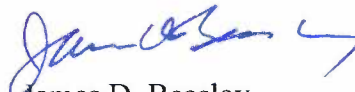
Re: Fuel and Purchased Power Cost Recovery Clause with Generating Performance
Incentive Factor; FPSC Docket No. 20190001-EI

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 March 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 April, 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										69.7
2. Period Hours	PH	744.0	672.0	744.0										2,160.0
3. Service Hours	SH	744.0	597.1	0.0										1,341.100
4. Reserve Shutdown Hours	RSH	0.0	0.0	171.9										171.9
5. Unavailable Hours	UH	0.0	74.9	572.1										647.0
6. Planned Outage Hours	POH	0.0	74.9	572.1										647.0000
7. Forced Outage Hours	FOH	0.0	0.0	0.0										0.0
8. Maintenance Outage Hours	MOH	0.0	0.0	0.0										0.0
9a. Partial Planned Outage Hours	PPOH	0.0	48.5	0.0										48.5
9b. Load Reduction Partial Planned (MW)	LRPP	0.0	117.4	0.0										117.4
10a. Partial Forced Outage Hours	PFOH	2.1	0.0	0.0										2.100
10b. Load Reduction Partial Forced (MW)	LRPF	263.8	0.0	0.0										263.8
11a. Partial Maintenance Outage Hours	PMOH	0.0	0.0	0.0										0.0
11b. Load Reduction Partial Maintenance (MW)	LRPM	0.0	0.0	0.0										0.0
12. Net Summer Continuous Rating (MW)	NSC	701.0	701.0	701.0										701.0
13. Operating British Thermal Units (GBTU)	OPR BTU	2,153.7	1,975.7	0.0										4,129.4
14. Net Generation (MWH)	NETGEN	281,105.8	268,363.3	-489.0										548,980.1
15. Avg. Net Operating Heat Rate (BTU/KWH)	ANOHR	7,661.4	7,362.0	0.0										7,521.9
16. Net Output Factor (%)	NOF	47.7	56.8	0.0										51.7
17. Net Period Continuous Rating (MW)	NPC	792.0	792.0	792.0										792.0
18. Avg. Net Operating Heat Rate Equation		ANOHR = NOF (-2.852) + 7,630												

ORIGINAL SHEET NO. 8.401.19A
TAMPA ELECTRIC COMPANY

ACTUAL UNIT PERFORMANCE DATA

JANUARY 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 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										71.0
2. Period Hours	PH	744.0	672.0	744.0										2,160.0
3. Service Hours	SH	241.8	594.0	740.6										1,576.4
4. Reserve Shutdown Hours	RSH	24.0	0.0	0.0										24.0
5. Unavailable Hours	UH	478.2	78.0	3.4										559.6
6. Planned Outage Hours	POH	445.0	58.0	0.0										503.0
7. Forced Outage Hours	FOH	33.2	0.0	3.4										36.6
8. Maintenance Outage Hours	MOH	0.0	20.0	0.0										20.2
9a. Partial Planned Outage Hours	PPOH	0.0	0.0	0.0										0.0
9b. Load Reduction Partial Planned (MW)	LRPP	0.0	0.0	0.0										0.0
10a. Partial Forced Outage Hours	PFOH	0.7	383.8	0.2										384.7
10b. Load Reduction Partial Forced (MW)	LRPF	261.8	138.4	78.8										138.6
11a. Partial Maintenance Outage Hours	PMOH	59.9	0.0	0.0										59.9
11b. Load Reduction Partial Maintenance (MW)	LRPM	261.8	0.0	0.0										261.8
12. Net Summer Continuous Rating (MW)	NSC	929.0	929.0	929.0										929.0
13. Operating British Thermal Units (GBTU)	OPR BTU	661.3	2,265.6	4,330.1										7,257.0
14. Net Generation (MWH)	NETGEN	80,708.2	305,544.7	572,174.0										958,426.9
15. Avg. Net Operating Heat Rate (BTU/KWH)	ANOHR	8,193.5	7,415.0	7,568.0										7,571.8
16. Net Output Factor (%)	NOF	31.9	49.1	86.9										58.1
17. Net Period Continuous Rating (MW)	NPC	1,047.0	1,047.0	1,047.0										1,047.0
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										55.7
2. Period Hours	PH	744.0	672.0	744.0										2,160.0
3. Service Hours	SH	192.7	53.0	458.1										703.8
4. Reserve Shutdown Hours	RSH	322.9	0.0	179.0										501.9
5. Unavailable Hours	UH	213.9	539.6	106.9										860.4
6. Planned Outage Hours	POH	0.0	0.0	0.0										0.0
7. Forced Outage Hours	FOH	19.6	539.6	0.0										559.2
8. Maintenance Outage Hours	MOH	208.8	0.0	106.9										315.7
9a. Partial Planned Outage Hours	PPOH	744.0	493.0	30.9										1,267.9
9b. Load Reduction Partial Planned (MW)	LRPP	20.0	5.0	65.0										15.3
10a. Partial Forced Outage Hours	PFOH	0.0	0.0	0.0										0.0
10b. Load Reduction Partial Forced (MW)	LRPF	0.0	0.0	0.0										0.0
11a. Partial Maintenance Outage Hours	PMOH	0.0	0.0	46.7										46.7
11b. Load Reduction Partial Maintenance (MW)	LRPM	0.0	0.0	15.0										15.0
12. Net Summer Continuous Rating (MW)	NSC	220.0	220.0	220.0										220.0
13. Operating British Thermal Units (GBTU)	OPR BTU	247.0	62.5	551.9										861.4
14. Net Generation (MWH)	NETGEN	23,968.3	4,295.0	61,112.0										89,375.3
15. Avg. Net Operating Heat Rate (BTU/KWH)	ANOHR	10,304.7	14,559.0	9,032.0										9,637.8
16. Net Output Factor (%)	NOF	50.8	32.9	55.1										51.8
17. Net Period Continuous Rating (MW)	NPC	245.0	245.0	245.0										245.0
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:	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										98.0
2. Period Hours	PH	744.0	672.0	744.0										2,160.0
3. Service Hours	SH	742.3	643.0	741.8										2,127.1
4. Reserve Shutdown Hours	RSH	0.0	0.0	0.0										0.0
5. Unavailable Hours	UH	1.7	29.0	2.2										32.9
6. Planned Outage Hours	POH	0.0	0.0	0.0										0.0
7. Forced Outage Hours	FOH	1.7	29.0	2.2										32.9
8. Maintenance Outage Hours	MOH	0.0	0.0	0.0										0.0
9a. Partial Planned Outage Hours	PPOH	0.0	0.0	0.0										0.0
9b. Load Reduction Partial Planned (MW)	LRPP	0.0	0.0	0.0										0.0
10a. Partial Forced Outage Hours	PFOH	5.0	8.4	5.8										19.2
10b. Load Reduction Partial Forced (MW)	LRPF	34.0	298.6	97.0										168.8
11a. Partial Maintenance Outage Hours	PMOH	32.3	0.0	0.0										32.3
11b. Load Reduction Partial Maintenance (MW)	LRPM	300.0	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
13. Operating British Thermal Units (GBTU)	OPR BTU	4,703.9	2,665.0	3,704.2										11,073.1
14. Net Generation (MWH)	NETGEN	682,239.1	377,898.0	527,688.0										1,587,825.1
15. Avg. Net Operating Heat Rate (BTU/KWH)	ANOHR	6,894.7	7,052.0	7,020.0										6,973.7
16. Net Output Factor (%)	NOF	76.6	49.0	59.1										62.2
17. Net Period Continuous Rating (MW)	NPC	1,200.0	1,200.0	1,200.0										1,200.0
18. Avg. Net Operating Heat Rate Equation		ANOHR = NOF (-53.862) + 11,266												

Tampa Electric Company
Outage Listing
March 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)	25	Planned Outage	3/1/2019	0:00:00	3/31/2019	23:59:59	744	5260	Major overhaul (use for non-specific overhaul	Spring Major Outage	N/A	183

Tampa Electric Company
Outage Listing
March 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)	31	Planned Outage	3/1/2019	0:00:00	3/31/2019	23:59:59	744	5260	Major overhaul (use for nc	Planned major spring outage	N/A	183

Tampa Electric Company
Outage Listing
March 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)	28	Planned Outage	3/1/2019	0:00:00	3/31/2019	23:59:59	744	5260	Major overhaul (use for non-specific overha	Planned major spring outage	N/A	183

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Tampa Electric Company
Outage Listing
March 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	9	Planned Outage	3/1/2019	0:00:00	3/31/2019	23:59:59	744	3999	Other miscellaneous balance of plant problems	Planned spring major outage	N/A	243

Tampa Electric Company
 Outage Listing
 March 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)	40	Reserve Shutdown	3/12/2019	0:56:00	3/12/2019	7:53:00	6.95	N/A	N/A	Reserve Shutdown	N/A	183
BS CT2(A)	41	Reserve Shutdown	3/13/2019	9:38:00	3/13/2019	16:58:00	7.33	N/A	N/A	Reserve Shutdown	N/A	183
BS CT2(A)	42	Reserve Shutdown	3/14/2019	20:54:00	3/15/2019	5:57:00	9.05	N/A	N/A	Reserve Shutdown	N/A	183
BS CT2(A)	43	Unplanned (Forced) Outage - Immediate	3/15/2019	5:57:00	3/15/2019	6:38:00	0.68	5111	Lube oil pumps	Lube oil pump leak	N/A	183
BS CT2(A)	44	Reserve Shutdown	3/15/2019	6:38:00	3/15/2019	7:12:00	0.57	N/A	N/A	Reserve Shutdown	N/A	183
BS CT2(A)	45	Reserve Shutdown	3/20/2019	8:58:00	3/20/2019	20:55:00	11.95	N/A	N/A	Reserve Shutdown	N/A	183
BS CT2(A)	46	Reserve Shutdown	3/22/2019	22:32:00	3/23/2019	5:54:00	7.37	N/A	N/A	Reserve Shutdown	N/A	183

Tampa Electric Company
 Outage Listing
 March 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(B)	35	Reserve Shutdown	3/13/2019	0:12:00	3/13/2019	7:39:00	7.45	N\A N\A		Reserve Shutdown	N\A	183
BS CT2(B)	36	Reserve Shutdown	3/18/2019	20:44:00	3/19/2019	4:33:00	7.82	N\A N\A		Reserve Shutdown	N\A	183
BS CT2(B)	37	Reserve Shutdown	3/20/2019	10:11:00	3/20/2019	17:15:00	7.07	N\A N\A		Reserve Shutdown	N\A	183
BS CT2(B)	38	Reserve Shutdown	3/21/2019	12:21:00	3/22/2019	5:31:00	17.17	N\A N\A		Reserve Shutdown	N\A	183

Tampa Electric Company
Outage Listing
March 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(C)	10	Reserve Shutdown	3/20/2019	10:27:00	3/21/2019	12:03:00	25.6	N/A N/A		Reserve Shutdown	N/A	183

Tampa Electric Company
Outage Listing
March 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
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Tampa Electric Company
 Outage Listing
 March 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 2	15	Unplanned (Forced) Derating - Immediate	3/15/2019	5:57:00	3/15/2019	6:38:00	0.68	3999	Other miscellaneous balance of plant problems	ST2 Derated - 2A FWP Lube oil leak.	238	315
BS ST 2	16	Unplanned (Forced) Outage - Immediate	3/20/2019	7:38:00	3/20/2019	18:32:00	10.9	4099	Other high pressure turbine problems	Power load imbalance trip.	N/A	315

Tampa Electric Company
Outage Listing
March 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
Polk 1	13	Maintenance Derating	3/1/2019	0:00:00	3/4/2019	0:00:00	72	3999	Other miscellaneous balance of plant problems	Gasification in Reserve Shutdown	142	157
Polk 1	17	Maintenance Outage	3/7/2019	15:02:00	3/10/2019	6:43:00	63.68	4609	Other exciter problems	GE work on exciter ground and collector end. Also HRSG LP drum doors leaks were addre	N/A	157
Polk 1	18	Maintenance Outage	3/19/2019	13:24:00	3/20/2019	11:42:00	22.3	3899	Other miscellaneous auxiliary system problems	Natural gas regulator station work. Repaired regulators on the back up train	N/A	157
Polk 1	19	Maintenance Outage	3/21/2019	22:43:00	3/23/2019	17:22:00	42.65	520	Other main steam valves (including vent and d	Superheater drain valve replacement	N/A	157
Polk 1	20	Reserve Shutdown	3/23/2019	17:22:00	3/30/2019	6:40:00	157.3	5299	Other miscellaneous gas turbine problems	Reserve shutdown	N/A	157

Tampa Electric Company
Outage Listing
March 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
Polk 1 ST	10	Planned Derating	3/1/2019	0:00:00	3/4/2019	16:02:00	88.03	9160	Other economic problems	Gasification outage due to economics. Solid fuel prices higher than natural gas	20	85
Polk 1 ST	14	Reserve Shutdown	3/7/2019	15:02:00	3/8/2019	0:00:00	8.97	N/A	N/A	Reserve Shutdown	N/A	85
Polk 1 ST	15	Maintenance Outage	3/19/2019	13:24:00	3/20/2019	13:37:00	24.22	3999	Other miscellaneous balance c	Work on natural gas regulators. Repaired regulators on the backup train.	N/A	85
Polk 1 ST	16	Maintenance Outage	3/21/2019	22:43:00	3/23/2019	17:22:00	42.65	3999	Other miscellaneous balance c	HRS&G IP superheater drain valve replacement	N/A	85
Polk 1 ST	17	Reserve Shutdown	3/23/2019	17:22:00	3/30/2019	8:31:00	159.15	N/A	N/A	Reserve Shutdown	N/A	85

Tampa Electric Company
Outage Listing
March 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
Polk 2	13	Unplanned (Forced) Outage - Immediate	3/1/2019	23:03:00	3/2/2019	12:15:00	13.2	5160	Cooling and seal air system	CT2 tripped. Compressor bleed valve failed to open.	N/A	180
Polk 2	14	Reserve Shutdown	3/3/2019	23:02:00	3/4/2019	10:29:00	11.45	N/A	N/A	Reserve Shutdown	N/A	180
Polk 2	15	Unplanned (Forced) Outage - Immediate	3/7/2019	11:27:00	3/7/2019	12:45:00	1.3	3950	Process computer	CT2 bad point on a DCS card. Bypass damper closed shutting down the HRSG. CT2 run on	N/A	180
Polk 2	16	Reserve Shutdown	3/7/2019	21:01:00	3/8/2019	4:47:00	7.77	N/A	N/A	Reserve Shutdown	N/A	180
Polk 2	17	Reserve Shutdown	3/9/2019	23:29:00	3/10/2019	7:26:00	7.95	N/A	N/A	Reserve Shutdown	N/A	180
Polk 2	18	Reserve Shutdown	3/10/2019	23:32:00	3/11/2019	14:28:00	14.93	N/A	N/A	Reserve Shutdown	N/A	180
Polk 2	19	Reserve Shutdown	3/11/2019	22:12:00	3/13/2019	12:11:00	37.98	N/A	N/A	Reserve Shutdown	N/A	180
Polk 2	20	Reserve Shutdown	3/14/2019	22:16:00	3/15/2019	11:48:00	13.53	N/A	N/A	Reserve Shutdown	N/A	180
Polk 2	21	Reserve Shutdown	3/16/2019	23:29:00	3/17/2019	6:59:00	7.5	N/A	N/A	Reserve Shutdown	N/A	180
Polk 2	22	Reserve Shutdown	3/18/2019	7:11:00	3/18/2019	16:05:00	8.9	N/A	N/A	Reserve Shutdown	N/A	180
Polk 2	23	Reserve Shutdown	3/19/2019	23:57:00	3/20/2019	8:09:00	8.2	N/A	N/A	Reserve Shutdown	N/A	180
Polk 2	24	Reserve Shutdown	3/23/2019	23:01:00	3/24/2019	15:44:00	16.72	N/A	N/A	Reserve Shutdown	N/A	180
Polk 2	25	Reserve Shutdown	3/26/2019	23:54:00	3/27/2019	14:50:00	14.93	N/A	N/A	Reserve Shutdown	N/A	180
Polk 2	26	Reserve Shutdown	3/29/2019	0:28:00	3/29/2019	7:33:00	7.08	N/A	N/A	Reserve Shutdown	N/A	180
Polk 2	27	Reserve Shutdown	3/31/2019	1:03:00	3/31/2019	11:20:00	10.28	N/A	N/A	Reserve Shutdown	N/A	180

Tampa Electric Company
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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	22	Reserve Shutdown	3/1/2019	0:00:00	3/1/2019	6:52:00	6.87	N/A	N/A	Reserve Shutdown	N/A	180
Polk 3	23	Reserve Shutdown	3/2/2019	22:45:00	3/3/2019	9:20:00	10.58	N/A	N/A	Reserve Shutdown	N/A	180
Polk 3	24	Reserve Shutdown	3/4/2019	21:54:00	3/5/2019	18:44:00	20.83	N/A	N/A	Reserve Shutdown	N/A	180
Polk 3	25	Reserve Shutdown	3/8/2019	22:01:00	3/9/2019	5:53:00	7.87	N/A	N/A	Reserve Shutdown	N/A	180
Polk 3	26	Reserve Shutdown	3/13/2019	22:17:00	3/14/2019	12:11:00	13.9	N/A	N/A	Reserve Shutdown	N/A	180
Polk 3	27	Reserve Shutdown	3/15/2019	22:44:00	3/16/2019	6:39:00	7.92	N/A	N/A	Reserve Shutdown	N/A	180
Polk 3	28	Reserve Shutdown	3/17/2019	23:36:00	3/18/2019	6:22:00	6.77	N/A	N/A	Reserve Shutdown	N/A	180
Polk 3	29	Reserve Shutdown	3/19/2019	0:27:00	3/19/2019	16:52:00	16.42	N/A	N/A	Reserve Shutdown	N/A	180
Polk 3	30	Reserve Shutdown	3/21/2019	12:44:00	3/23/2019	8:13:00	43.48	N/A	N/A	Reserve Shutdown	N/A	180
Polk 3	31	Reserve Shutdown	3/24/2019	23:25:00	3/25/2019	6:21:00	6.93	N/A	N/A	Reserve Shutdown	N/A	180
Polk 3	32	Reserve Shutdown	3/27/2019	21:42:00	3/28/2019	15:15:00	17.55	N/A	N/A	Reserve Shutdown	N/A	180
Polk 3	33	Reserve Shutdown	3/30/2019	1:19:00	3/30/2019	15:14:00	13.92	N/A	N/A	Reserve Shutdown	N/A	180
Polk 3	34	Planned Outage	3/31/2019	23:50:00	3/31/2019	23:59:59	0.17	5070	Combustor casing	Planned outage. Combustion Turbine 3 water wash	N/A	180

Tampa Electric Company
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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	16	Reserve Shutdown	3/2/2019	0:16:00	3/2/2019	10:33:00	10.28	N/A	N/A	Reserve Shutdown	N/A	180
Polk 4	17	Reserve Shutdown	3/4/2019	23:31:00	3/5/2019	20:11:00	20.67	N/A	N/A	Reserve Shutdown	N/A	180
Polk 4	18	Reserve Shutdown	3/8/2019	23:50:00	3/9/2019	10:32:00	10.7	N/A	N/A	Reserve Shutdown	N/A	180
Polk 4	19	Reserve Shutdown	3/12/2019	22:29:00	3/13/2019	13:18:00	14.82	N/A	N/A	Reserve Shutdown	N/A	180
Polk 4	20	Reserve Shutdown	3/15/2019	22:28:00	3/16/2019	9:01:00	10.55	N/A	N/A	Reserve Shutdown	N/A	180
Polk 4	21	Reserve Shutdown	3/17/2019	22:13:00	3/18/2019	5:25:00	7.2	N/A	N/A	Reserve Shutdown	N/A	180
Polk 4	22	Reserve Shutdown	3/19/2019	22:07:00	3/20/2019	5:11:00	7.07	N/A	N/A	Reserve Shutdown	N/A	180
Polk 4	23	Reserve Shutdown	3/23/2019	21:36:00	3/24/2019	7:25:00	9.82	N/A	N/A	Reserve Shutdown	N/A	180
Polk 4	24	Reserve Shutdown	3/25/2019	23:57:00	3/26/2019	6:38:00	6.68	N/A	N/A	Reserve Shutdown	N/A	180
Polk 4	25	Reserve Shutdown	3/27/2019	22:52:00	3/29/2019	5:28:00	30.6	N/A	N/A	Reserve Shutdown	N/A	180
Polk 4	26	Reserve Shutdown	3/31/2019	0:27:00	3/31/2019	8:56:00	8.48	N/A	N/A	Reserve Shutdown	N/A	180

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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	13	Reserve Shutdown	3/1/2019	0:00:00	3/1/2019	12:02:00	12:03	N/A	N/A	Reserve Shutdown	N/A	180
Polk 5	14	Reserve Shutdown	3/3/2019	0:00:00	3/3/2019	12:17:00	12:28	N/A	N/A	Reserve Shutdown	N/A	180
Polk 5	15	Reserve Shutdown	3/7/2019	22:29:00	3/8/2019	15:58:00	17:48	N/A	N/A	Reserve Shutdown	N/A	180
Polk 5	16	Reserve Shutdown	3/10/2019	0:31:00	3/10/2019	15:48:00	15:28	N/A	N/A	Reserve Shutdown	N/A	180
Polk 5	17	Reserve Shutdown	3/11/2019	0:44:00	3/11/2019	13:19:00	12:58	N/A	N/A	Reserve Shutdown	N/A	180
Polk 5	18	Reserve Shutdown	3/12/2019	0:01:00	3/12/2019	15:43:00	15:7	N/A	N/A	Reserve Shutdown	N/A	180
Polk 5	19	Reserve Shutdown	3/13/2019	23:11:00	3/14/2019	16:08:00	16:95	N/A	N/A	Reserve Shutdown	N/A	180
Polk 5	20	Reserve Shutdown	3/16/2019	22:06:00	3/17/2019	10:32:00	12:43	N/A	N/A	Reserve Shutdown	N/A	180
Polk 5	21	Reserve Shutdown	3/18/2019	22:14:00	3/19/2019	12:39:00	14:42	N/A	N/A	Reserve Shutdown	N/A	180
Polk 5	22	Reserve Shutdown	3/20/2019	22:14:00	3/21/2019	6:44:00	8:5	N/A	N/A	Reserve Shutdown	N/A	180
Polk 5	23	Reserve Shutdown	3/24/2019	22:19:00	3/25/2019	5:23:00	7:07	N/A	N/A	Reserve Shutdown	N/A	180
Polk 5	24	Reserve Shutdown	3/27/2019	10:11:00	3/27/2019	16:56:00	6:75	N/A	N/A	Reserve Shutdown	N/A	180
Polk 5	25	Reserve Shutdown	3/29/2019	23:04:00	3/30/2019	6:17:00	7:22	N/A	N/A	Reserve Shutdown	N/A	180

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 Outage Listing
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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	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 on	364	480