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February 25, 2020

ELECTRONIC FILING

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

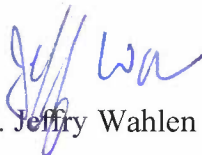
Re: Fuel and Purchased Power Cost Recovery Clause with Generating Performance
Incentive Factor; FPSC Docket No. 20200001-EI

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 January 2020.

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 February 2020 to the following:

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ATTORNEY

ORIGINAL SHEET NO. 8.401.19A
TAMPA ELECTRIC COMPANY

ACTUAL UNIT PERFORMANCE DATA

JANUARY 2020 - DECEMBER 2020

PLANT/UNIT		MOCTH OF:	MOCTH OF:	MOCTH OF:	MOCTH OF:	MOCTH OF:	MOCTH OF:	MOCTH OF:	MOCTH OF:	MOCTH OF:	MOCTH OF:	MOCTH OF:	PERIOD	
BAYSIDE 1		Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20	Jul-20	Aug-20	Sep-20	Oct-20	Nov-20	Dec-20	2020
1. Equivalent Availability Factor (%)	EAF	99.1												99.3
2. Period Hours	PH	744.0												744.0
3. Service Hours	SH	739.2												739.2
4. Reserve Shutdown Hours	RSH	0.0												0.0
5. Unavailable Hours	UH	4.8												4.8
6. Planned Outage Hours	POH	0.0												0.0
7. Forced Outage Hours	FOH	1.2												1.2
8. Maintenance Outage Hours	MOH	3.6												3.6
9a. Partial Planned Outage Hours	PPOH	0.0												0.0
9b. Load Reduction Partial Planned (MW)	LRPP	0.0												0.0
10a. Partial Forced Outage Hours	PFOH	2.1												2.1
10b. Load Reduction Partial Forced (MW)	LRPF	69.4												69.4
11a. Partial Maintenance Outage Hours	PMOH	4.8												4.8
11b. Load Reduction Partial Maintenance (MW)	LRPM	78.0												78.0
12. Net Summer Continuous Rating (MW)	NSC	701.0												701.0
13. Operating British Thermal Units (GBTU)	OPR BTU	1,875.0												1,875.0
14. Net Generation (MWH)	NETGEN	248,230.8												248,230.8
15. Avg. Net Operating Heat Rate (BTU/KWH)	ANOHR	7,554.0												7,553.6
16. Net Output Factor (%)	NOF	42.1												42.4
17. Net Period Continuous Rating (MW)	NPC	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 2020 - DECEMBER 2020

PLANT/UNIT		MOCTH OF:	MOCTH OF:	MOCTH OF:	MOCTH OF:	MOCTH OF:	MOCTH OF:	MOCTH OF:	MOCTH OF:	MOCTH OF:	MOCTH OF:	MOCTH OF:	PERIOD	
BAYSIDE 2		Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20	Jul-20	Aug-20	Sep-20	Oct-20	Nov-20	Dec-20	2020
1. Equivalent Availability Factor (%)	EAF	71.3												71.6
2. Period Hours	PH	744.0												744.0
3. Service Hours	SH	85.2												85.2
4. Reserve Shutdown Hours	RSH	448.8												448.8
5. Unavailable Hours	UH	210.0												210.0
6. Planned Outage Hours	POH	0.0												0.0
7. Forced Outage Hours	FOH	3.5												3.5
8. Maintenance Outage Hours	MOH	206.5												206.5
9a. Partial Planned Outage Hours	PPOH	0.0												0.0
9b. Load Reduction Partial Planned (MW)	LRPP	0.0												0.0
10a. Partial Forced Outage Hours	PFOH	4.8												4.8
10b. Load Reduction Partial Forced (MW)	LRPF	77.1												77.1
11a. Partial Maintenance Outage Hours	PMOH	9.6												9.6
11b. Load Reduction Partial Maintenance (MW)	LRPM	77.0												77.0
12. Net Summer Continuous Rating (MW)	NSC	929.0												929.0
13. Operating British Thermal Units (GBTU)	OPR BTU	189.5												189.5
14. Net Generation (MWH)	NETGEN	22,308.2												22,308.2
15. Avg. Net Operating Heat Rate (BTU/KWH)	ANOHR	8,496.0												8,495.6
16. Net Output Factor (%)	NOF	25.0												25.0
17. Net Period Continuous Rating (MW)	NPC	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 2020 - DECEMBER 2020

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 1		Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20	Jul-20	Aug-20	Sep-20	Oct-20	Nov-20	Dec-20	2020
1. Equivalent Availability Factor (%)	EAF	97.9												97.9
2. Period Hours	PH	744.0												744.0
3. Service Hours	SH	211.9												211.9
4. Reserve Shutdown Hours	RSH	516.8												516.8
5. Unavailable Hours	UH	15.3												15.3
6. Planned Outage Hours	POH	0.0												0.0
7. Forced Outage Hours	FOH	1.6												1.6
8. Maintenance Outage Hours	MOH	13.7												13.7
9a. Partial Planned Outage Hours	PPOH	0.0												0.0
9b. Load Reduction Partial Planned (MW)	LRPP	0.0												0.0
10a. Partial Forced Outage Hours	PFOH	0.0												0.0
10b. Load Reduction Partial Forced (MW)	LRPF	0.0												0.0
11a. Partial Maintenance Outage Hours	PMOH	0.0												0.0
11b. Load Reduction Partial Maintenance (MW)	LRPM	0.0												0.0
12. Net Summer Continuous Rating (MW)	NSC	235.0												235.0
13. Operating British Thermal Units (GBTU)	OPR BTU	256.3												256.3
14. Net Generation (MWH)	NETGEN	30,426.0												30,426.0
15. Avg. Net Operating Heat Rate (BTU/KWH)	ANOHR	8,424.0												8,423.8
16. Net Output Factor (%)	NOF	59.3												59.3
17. Net Period Continuous Rating (MW)	NPC	245.0												242.0
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 2020 - DECEMBER 2020

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-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20	Jul-20	Aug-20	Sep-20	Oct-20	Nov-20	Dec-20	2020
1. Equivalent Availability Factor (%)	EAF	99.4												99.5
2. Period Hours	PH	744.0												744.0
3. Service Hours	SH	741.6												741.6
4. Reserve Shutdown Hours	RSH	0.0												0.0
5. Unavailable Hours	UH	2.4												2.4
6. Planned Outage Hours	POH	0.0												0.0
7. Forced Outage Hours	FOH	0.1												0.1
8. Maintenance Outage Hours	MOH	2.3												2.3
9a. Partial Planned Outage Hours	PPOH	0.0												0.0
9b. Load Reduction Partial Planned (MW)	LRPP	0.0												0.0
10a. Partial Forced Outage Hours	PFOH	9.2												9.2
10b. Load Reduction Partial Forced (MW)	LRPF	166.1												166.1
11a. Partial Maintenance Outage Hours	PMOH	0.0												0.0
11b. Load Reduction Partial Maintenance (MW)	LRPM	0.0												0.0
12. Net Summer Continuous Rating (MW)	NSC	1,061.0												1,061.0
13. Operating British Thermal Units (GBTU)	OPR BTU	4,418.6												4,418.6
14. Net Generation (MWH)	NETGEN	636,822.0												636,822.0
15. Avg. Net Operating Heat Rate (BTU/KWH)	ANOHR	6,938.0												6,938.5
16. Net Output Factor (%)	NOF	71.3												71.6
17. Net Period Continuous Rating (MW)	NPC	1,200.0												1,200.0
18. Avg. Net Operating Heat Rate Equation		ANOHR = NOF (-53.862) + 11,266												

Tampa Electric Company
Outage Listing
January 2020

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)	1	Reserve Shutdown	1/1/2020	0:00:00	1/3/2020	9:13:00	57.22	N\A	N\A	Reserve Shutdown	N\A	183
BS CT1(A)	2	Reserve Shutdown	1/3/2020	23:36:00	1/4/2020	9:33:00	9.95	N\A	N\A	Reserve Shutdown	N\A	183
BS CT1(A)	3	Reserve Shutdown	1/4/2020	15:29:00	1/6/2020	7:08:00	39.65	N\A	N\A	Reserve Shutdown	N\A	183
BS CT1(A)	4	Reserve Shutdown	1/7/2020	9:40:00	1/7/2020	16:30:00	6.83	N\A	N\A	Reserve Shutdown	N\A	183
BS CT1(A)	18	Unplanned (Forced)	1/7/2020	16:30:00	1/7/2020	21:30:00	5	5150	Turning gear and motor	Failed RPM indication on the turning gear	N\A	183
BS CT1(A)	6	Reserve Shutdown	1/7/2020	21:30:00	1/8/2020	5:33:00	8.05	N\A	N\A	Reserve Shutdown	N\A	183
BS CT1(A)	7	Unplanned (Forced)	1/8/2020	21:04:00	1/8/2020	23:44:00	2.67	1510	Flue gas ducts (except recirculation)	High exhaust duct pressure	158	183
BS CT1(A)	8	Reserve Shutdown	1/9/2020	8:47:00	1/10/2020	12:40:00	27.88	N\A	N\A	Reserve Shutdown	N\A	183
BS CT1(A)	9	Reserve Shutdown	1/11/2020	19:59:00	1/12/2020	10:26:00	14.45	N\A	N\A	Reserve Shutdown	N\A	183
BS CT1(A)	10	Reserve Shutdown	1/12/2020	23:14:00	1/13/2020	12:26:00	13.2	N\A	N\A	Reserve Shutdown	N\A	183
BS CT1(A)	11	Reserve Shutdown	1/13/2020	21:37:00	1/14/2020	10:12:00	12.58	N\A	N\A	Reserve Shutdown	N\A	183
BS CT1(A)	12	Reserve Shutdown	1/14/2020	23:11:00	1/15/2020	11:25:00	12.23	N\A	N\A	Reserve Shutdown	N\A	183
BS CT1(A)	13	Reserve Shutdown	1/18/2020	22:42:00	1/20/2020	17:09:00	42.45	N\A	N\A	Reserve Shutdown	N\A	183
BS CT1(A)	14	Reserve Shutdown	1/22/2020	22:24:00	1/23/2020	15:32:00	17.13	N\A	N\A	Reserve Shutdown	N\A	183
BS CT1(A)	15	Reserve Shutdown	1/24/2020	23:02:00	1/25/2020	7:15:00	8.22	N\A	N\A	Reserve Shutdown	N\A	183
BS CT1(A)	16	Reserve Shutdown	1/27/2020	21:57:00	1/28/2020	5:31:00	7.57	N\A	N\A	Reserve Shutdown	N\A	183
BS CT1(A)	17	Reserve Shutdown	1/30/2020	1:39:00	1/30/2020	20:21:00	18.7	N\A	N\A	Reserve Shutdown	N\A	183

Tampa Electric Company
Outage Listing
January 2020

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)	1	Reserve Shutdown	1/6/2020	8:59:00	1/6/2020	16:13:00	7.23	N\A	N\A	Reserve Shutdown	N\A	183
BS CT1(B)	2	Reserve Shutdown	1/6/2020	23:02:00	1/7/2020	0:00:00	0.97	N\A	N\A	Reserve Shutdown	N\A	183
BS CT1(B)	3	Reserve Shutdown	1/7/2020	20:55:00	1/9/2020	3:32:00	30.62	N\A	N\A	Reserve Shutdown	N\A	183
BS CT1(B)	4	Reserve Shutdown	1/9/2020	21:05:00	1/11/2020	9:27:00	36.37	N\A	N\A	Reserve Shutdown	N\A	183
BS CT1(B)	5	Reserve Shutdown	1/12/2020	0:15:00	1/12/2020	11:37:00	11.37	N\A	N\A	Reserve Shutdown	N\A	183
BS CT1(B)	6	Reserve Shutdown	1/13/2020	23:41:00	1/14/2020	10:39:00	10.97	N\A	N\A	Reserve Shutdown	N\A	183
BS CT1(B)	7	Reserve Shutdown	1/15/2020	21:20:00	1/16/2020	10:01:00	12.68	N\A	N\A	Reserve Shutdown	N\A	183
BS CT1(B)	8	Reserve Shutdown	1/16/2020	21:40:00	1/17/2020	6:09:00	8.48	N\A	N\A	Reserve Shutdown	N\A	183
BS CT1(B)	9	Maintenance Outage	1/17/2020	6:09:00	1/17/2020	21:43:00	15.57	799	Other miscellaneous pipi IP Drain Line Repair		N\A	183
BS CT1(B)	10	Reserve Shutdown	1/17/2020	21:43:00	1/19/2020	10:37:00	36.9	N\A	N\A	Reserve Shutdown	N\A	183
BS CT1(B)	11	Reserve Shutdown	1/21/2020	8:38:00	1/21/2020	17:02:00	8.4	N\A	N\A	Reserve Shutdown	N\A	183
BS CT1(B)	12	Reserve Shutdown	1/25/2020	0:57:00	1/27/2020	5:28:00	52.52	N\A	N\A	Reserve Shutdown	N\A	183
BS CT1(B)	13	Reserve Shutdown	1/28/2020	10:52:00	1/30/2020	5:33:00	42.68	N\A	N\A	Reserve Shutdown	N\A	183
BS CT1(B)	14	Reserve Shutdown	1/31/2020	21:10:00	1/31/2020	23:59:59	2.83	N\A	N\A	Reserve Shutdown	N\A	183

Tampa Electric Company
Outage Listing
January 2020

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)	7	Reserve Shutdown	1/1/2020	0:00:00	1/1/2020	16:28:00	16.47	N\A	N\A	Reserve Shutdown	N\A	183
BS CT1(C)	8	Reserve Shutdown	1/1/2020	22:08:00	1/2/2020	14:41:00	16.55	N\A	N\A	Reserve Shutdown	N\A	183
BS CT1(C)	3	Reserve Shutdown	1/2/2020	22:28:00	1/3/2020	12:24:00	13.93	N\A	N\A	Reserve Shutdown	N\A	183
BS CT1(C)	4	Reserve Shutdown	1/4/2020	1:17:00	1/5/2020	16:39:00	39.37	N\A	N\A	Reserve Shutdown	N\A	183
BS CT1(C)	5	Reserve Shutdown	1/5/2020	21:12:00	1/6/2020	5:14:00	8.03	N\A	N\A	Reserve Shutdown	N\A	183
BS CT1(C)	6	Reserve Shutdown	1/6/2020	21:45:00	1/7/2020	0:00:00	2.25	N\A	N\A	Reserve Shutdown	N\A	183
BS CT1(C)	9	Reserve Shutdown	1/7/2020	8:37:00	1/7/2020	17:03:00	8.43	N\A	N\A	Reserve Shutdown	N\A	183
BS CT1(C)	10	Unplanned (Forced)	1/8/2020	21:04:00	1/8/2020	23:44:00	2.67	1510	Flue gas ducts (except recirculation)	High exhaust duct pressure	158	183
BS CT1(C)	11	Reserve Shutdown	1/8/2020	23:44:00	1/9/2020	17:10:00	17.43	N\A	N\A	Reserve Shutdown	N\A	183
BS CT1(C)	12	Reserve Shutdown	1/10/2020	21:55:00	1/11/2020	11:46:00	13.85	N\A	N\A	Reserve Shutdown	N\A	183
BS CT1(C)	13	Reserve Shutdown	1/12/2020	22:13:00	1/13/2020	6:06:00	7.88	N\A	N\A	Reserve Shutdown	N\A	183
BS CT1(C)	14	Reserve Shutdown	1/14/2020	22:35:00	1/15/2020	6:12:00	7.62	N\A	N\A	Reserve Shutdown	N\A	183
BS CT1(C)	15	Reserve Shutdown	1/15/2020	22:53:00	1/16/2020	5:31:00	6.63	N\A	N\A	Reserve Shutdown	N\A	183
BS CT1(C)	16	Reserve Shutdown	1/17/2020	21:38:00	1/18/2020	10:04:00	12.43	N\A	N\A	Reserve Shutdown	N\A	183
BS CT1(C)	17	Reserve Shutdown	1/19/2020	21:54:00	1/21/2020	5:03:00	31.15	N\A	N\A	Reserve Shutdown	N\A	183
BS CT1(C)	18	Reserve Shutdown	1/22/2020	12:03:00	1/23/2020	6:05:00	18.03	N\A	N\A	Reserve Shutdown	N\A	183
BS CT1(C)	19	Reserve Shutdown	1/23/2020	10:04:00	1/24/2020	4:51:00	18.78	N\A	N\A	Reserve Shutdown	N\A	183
BS CT1(C)	20	Reserve Shutdown	1/28/2020	8:52:00	1/29/2020	14:56:00	30.07	N\A	N\A	Reserve Shutdown	N\A	183
BS CT1(C)	21	Reserve Shutdown	1/30/2020	13:33:00	1/31/2020	23:59:59	34.45	N\A	N\A	Reserve Shutdown	N\A	183

Tampa Electric Company
 Outage Listing
 January 2020

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	1	Unplanned (Forced) Derating - Immediate	1/8/2020	21:04:00	1/8/2020	23:44:00	2.67	3999	Other miscellaneous balance of plant problems	1A and 1C high exhaust duct pressure	223	243
BS ST 1	2	Maintenance Derating	1/17/2020	6:08:00	1/17/2020	21:46:00	15.63	3999	Other miscellaneous balance of plant problems	ST1 Derated - 1B IP drain line leak	165	243

Tampa Electric Company
Outage Listing
January 2020

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)	1	Reserve Shutdown	1/1/2020	0:00:00	1/8/2020	7:07:00	175.12	N\A	N\A	Reserve Shutdown	N\A	183
BS CT2(A)	2	Maintenance Outage	1/8/2020	7:07:00	1/16/2020	16:00:00	200.88	3999	Other miscellaneous balance of plant problems	Lube oil cooler maintenance outage	N\A	183
BS CT2(A)	3	Reserve Shutdown	1/16/2020	16:00:00	1/28/2020	2:01:00	274.02	N\A	N\A	Reserve Shutdown	N\A	183
BS CT2(A)	4	Unplanned (Forced) Outage - Immediate	1/29/2020	22:39:00	1/30/2020	16:00:00	17.35	4700	Generator voltage control	Incorrect protection relay setting	N\A	183
BS CT2(A)	5	Maintenance Outage	1/30/2020	16:00:00	1/31/2020	23:59:59	32	4700	Generator voltage control	Replacing relay.	N\A	183

Tampa Electric Company
 Outage Listing
 January 2020

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)	1	Reserve Shutdown	1/1/2020	0:00:00	1/8/2020	7:07:00	175.12	N\A	N\A	Reserve Shutdown	N\A	183
BS CT2(B)	2	Maintenance Outag	1/8/2020	7:07:00	1/16/2020	16:00:00	200.88	3999	Other miscellaneous balance of plant problems	Lube oil cooler maintenance outage	N\A	183
BS CT2(B)	3	Reserve Shutdown	1/16/2020	16:00:00	1/30/2020	16:45:00	336.75	N\A	N\A	Reserve Shutdown	N\A	183

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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)	1	Reserve Shutdown	1/1/2020	0:00:00	1/8/2020	7:07:00	175.12	N\A	N\A	Reserve Shutdown	N\A	183
BS CT2(C)	2	Maintenance Outage	1/8/2020	7:07:00	1/16/2020	16:00:00	200.88	3999	Other miscellaneous balance of plant problems	Lube oil cooler maintenance outage	N\A	183
BS CT2(C)	3	Reserve Shutdown	1/16/2020	16:00:00	1/28/2020	12:42:00	284.7	N\A	N\A	Reserve Shutdown	N\A	183
BS CT2(C)	4	Reserve Shutdown	1/29/2020	9:40:00	1/29/2020	23:19:00	13.65	N\A	N\A	Reserve Shutdown	N\A	183
BS CT2(C)	5	Reserve Shutdown	1/30/2020	21:43:00	1/31/2020	23:59:59	26.28	N\A	N\A	Reserve Shutdown	N\A	183

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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)	3	Reserve Shutdown	1/1/2020	0:00:00	1/8/2020	7:07:00	175.12	N/A	N/A	Reserve Shutdown	N/A	183
BS CT2(D)	4	Maintenance Outage	1/8/2020	7:07:00	1/16/2020	16:00:00	200.88	3999	Other miscellaneous balance of plant problems	Lube oil cooler maintenance outage	N/A	183
BS CT2(D)	5	Reserve Shutdown	1/16/2020	16:00:00	1/29/2020	10:39:00	306.65	N/A	N/A	Reserve Shutdown	N/A	183
BS CT2(D)	2	Reserve Shutdown	1/29/2020	12:49:00	1/30/2020	0:00:00	11.18	N/A	N/A	Reserve Shutdown	N/A	183
BS CT2(D)	6	Reserve Shutdown	1/30/2020	21:03:00	1/31/2020	16:00:00	18.95	N/A	N/A	Reserve Shutdown	N/A	183

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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	1	Maintenance Outage	1/8/2020	7:07:00	1/16/2020	16:00:00	200.88	4281	Lube oil coolers	Steam turbine lube oil cooler maintenance outage	N/A	315
BS ST 2	2	Reserve Shutdown	1/16/2020	16:00:00	1/28/2020	9:18:00	281.3	N/A	N/A	Reserve Shutdown	N/A	315
BS ST 2	3	Unplanned (Forced) Outage - Immediate	1/29/2020	22:41:00	1/30/2020	0:11:00	1.5	3999	Other miscellaneous balance of plant problems	ST2 tripped - 2A protection relay issues	N/A	315
BS ST 2	4	Unplanned (Forced) Derating - Immediate	1/30/2020	0:11:00	1/30/2020	16:00:00	15.82	3999	Other miscellaneous balance of plant problems	ST2 derated - 2A protection relay issues	238	315
BS ST 2	5	Maintenance Derating	1/30/2020	16:00:00	1/31/2020	23:59:59	32	3999	Other miscellaneous balance of plant problems	ST2 derated - repairing 2A protection relay	238	315

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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	1	Reserve Shutdown	1/1/2020	0:00:00	1/3/2020	6:01:00	54.02	N/A	N/A		N/A	157
Polk 1	2	Maintenance Outage	1/3/2020	6:01:00	1/3/2020	19:42:00	13.68	1700	Feedwater controls (report controls for pump,	Drain Valve leaking by. Opportunity to repair with load low on system	N/A	157
Polk 1	3	Reserve Shutdown	1/3/2020	19:42:00	1/14/2020	14:02:00	258.33	N/A	N/A		N/A	157
Polk 1	4	Unplanned (Forced) Outage - Immediate	1/14/2020	23:48:00	1/15/2020	0:58:00	1.17	5042	Fuel nozzles	Unit tripped during lowering load. High exhaust flame temperature trip.	N/A	157
Polk 1	5	Reserve Shutdown	1/23/2020	11:04:00	1/31/2020	23:59:59	204.93	N/A	N/A	Reserve Shutdown	N/A	157

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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	1	Maintenance Outage	1/3/2020	6:01:00	1/3/2020	19:42:00	13.68	3999	Other miscellaneous balance Drain Valve leaking by. Opportunity to repair with load low on system		N/A	85
Polk 1 ST	2	Reserve Shutdown	1/3/2020	19:42:00	1/14/2020	16:38:00	260.93	N/A	N/A		N/A	85
Polk 1 ST	3	Unplanned (Forced) Outage - Immediate	1/14/2020	23:52:00	1/15/2020	2:21:00	2.48	3999	Other miscellaneous balance GTG tripped due to flame out as a result of load change.		N/A	85
Polk 1 ST	4	Reserve Shutdown	1/23/2020	10:52:00	1/31/2020	23:59:59	205.13	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	1	Reserve Shutdown	1/2/2020	23:56:00	1/3/2020	6:36:00	6.67	N/A	N/A	Reserve Shutdown	N/A	180
Polk 2	2	Reserve Shutdown	1/7/2020	22:29:00	1/8/2020	5:52:00	7.38	N/A	N/A	Reserve Shutdown	N/A	180
Polk 2	3	Reserve Shutdown	1/16/2020	0:57:00	1/16/2020	1:41:00	0.73	N/A	N/A	Reserve Shutdown	N/A	180
Polk 2	4	Maintenance Outage	1/16/2020	1:41:00	1/16/2020	16:41:00	15	4700	Generator voltage control	89ND repair/adjustments	N/A	180
Polk 2	5	Reserve Shutdown	1/16/2020	16:41:00	1/17/2020	6:06:00	13.42	N/A	N/A		N/A	180
Polk 2	6	Reserve Shutdown	1/19/2020	23:12:00	1/20/2020	6:46:00	7.57	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 2 ST	1	Unplanned (Forced) Derating - Immediate	1/5/2020	17:28:00	1/5/2020	18:27:00	0.98	3999 Other miscellaneous balance of plant problems	GTG3 Runback while merging Reheater section of HR5G		355	480
Polk 2 ST	2	Unplanned (Forced) Derating - Immediate	1/16/2020	1:41:00	1/16/2020	16:41:00	15	3999 Other miscellaneous balance of plant problems	GTG2 89ND repair/adjustments		355	480
Polk 2 ST	3	Unplanned (Forced) Derating - Immediate	1/31/2020	5:50:00	1/31/2020	11:00:00	5.17	3999 Other miscellaneous balance of plant problems	CEMs computer not reporting to DCS. Load reduced to keep into compliance.		440	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 HR5G. CT2 run o		364	480

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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	1	Reserve Shutdown	1/1/2020	11:03:00	1/2/2020	5:00:00	17.95	N/A	N/A	Reserve Shutdown	N/A	180
Polk 3	2	Reserve Shutdown	1/5/2020	0:28:00	1/5/2020	17:20:00	16.87	N/A	N/A	Reserve Shutdown	N/A	180
Polk 3	3	Unplanned (Forced) Outage - Immediate	1/5/2020	17:28:00	1/5/2020	18:27:00	0.98	560	Other reheat steam valves (n	Runback while merging Reheater section of HRSG	N/A	180
Polk 3	4	Reserve Shutdown	1/9/2020	22:29:00	1/10/2020	6:58:00	8.48	N/A	N/A	Reserve Shutdown	N/A	180
Polk 3	5	Reserve Shutdown	1/13/2020	0:29:00	1/13/2020	10:36:00	10.12	N/A	N/A	Reserve Shutdown	N/A	180
Polk 3	6	Reserve Shutdown	1/17/2020	23:44:00	1/18/2020	8:34:00	8.83	N/A	N/A	Reserve Shutdown	N/A	180
Polk 3	7	Reserve Shutdown	1/23/2020	23:58:00	1/25/2020	6:14:00	30.27	N/A	N/A	Reserve Shutdown	N/A	180
Polk 3	8	Reserve Shutdown	1/25/2020	6:48:00	1/25/2020	9:07:00	2.32	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 4	1	Reserve Shutdown	1/1/2020	0:32:00	1/1/2020	7:05:00	6.55 N/A	N/A	Reserve Shutdown		N/A	180
Polk 4	2	Reserve Shutdown	1/3/2020	22:18:00	1/4/2020	7:10:00	8.87 N/A	N/A	Reserve Shutdown		N/A	180
Polk 4	3	Reserve Shutdown	1/8/2020	8:24:00	1/9/2020	6:27:00	22.05 N/A	N/A	Reserve Shutdown		N/A	180
Polk 4	4	Reserve Shutdown	1/11/2020	22:27:00	1/12/2020	7:41:00	9.23 N/A	N/A	Reserve Shutdown		N/A	180
Polk 4	5	Reserve Shutdown	1/17/2020	0:14:00	1/17/2020	7:23:00	7.15 N/A	N/A	Reserve Shutdown		N/A	180
Polk 4	6	Reserve Shutdown	1/23/2020	11:20:00	1/24/2020	12:32:00	25.2 N/A	N/A	Reserve Shutdown		N/A	180
Polk 4	7	Reserve Shutdown	1/31/2020	23:16:00	1/31/2020	23:59:59	0.73 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	1	Reserve Shutdown	1/2/2020	0:42:00	1/2/2020	7:19:00	6.62	N/A	N/A	Reserve Shutdown	N/A	180
Polk 5	2	Reserve Shutdown	1/6/2020	10:18:00	1/6/2020	17:51:00	7.55	N/A	N/A	Reserve Shutdown	N/A	180
Polk 5	3	Reserve Shutdown	1/10/2020	23:55:00	1/11/2020	7:44:00	7.82	N/A	N/A	Reserve Shutdown	N/A	180
Polk 5	4	Reserve Shutdown	1/13/2020	23:01:00	1/14/2020	6:10:00	7.15	N/A	N/A	Reserve Shutdown	N/A	180
Polk 5	5	Reserve Shutdown	1/19/2020	0:28:00	1/19/2020	9:13:00	8.75	N/A	N/A	Reserve Shutdown	N/A	180
Polk 5	6	Unplanned (Forced) Derating - Immediate	1/31/2020	5:50:00	1/31/2020	11:00:00	5.17	5250	Controls and instrumentation	CEMs computer not reporting to DCS. Load reduced to keep into compliance.	118	180