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February 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

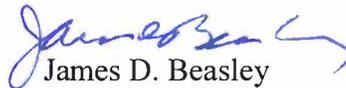
Re: Fuel and Purchased Power Cost Recovery Clause with Generating Performance
Incentive Factor; FPSC Docket No. 20190001-EI

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 January, 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 February 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												99.9
2. Period Hours	PH	744.0												744.0
3. Service Hours	SH	744.0												744.0
4. Reserve Shutdown Hours	RSH	0.0												0.0
5. Unavailable Hours	UH	0.0												0.0
6. Planned Outage Hours	POH	0.0												0.0
7. Forced Outage Hours	FOH	0.0												0.0
8. Maintenance Outage Hours	MOH	0.0												0.0
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	264.0												264.0
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	701.0												701.0
13. Operating British Thermal Units (GBTU)	OPR BTU	2,153.7												2,153.7
14. Net Generation (MWH)	NETGEN	281,105.8												281,105.8
15. Avg. Net Operating Heat Rate (BTU/KWH)	ANOHR	7,661.4												7,661.4
16. Net Output Factor (%)	NOF	47.7												47.7
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 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												33.7
2. Period Hours	PH	744.0												744.0
3. Service Hours	SH	241.8												241.8
4. Reserve Shutdown Hours	RSH	24.0												24.0
5. Unavailable Hours	UH	478.2												478.2
6. Planned Outage Hours	POH	445.0												445.0
7. Forced Outage Hours	FOH	33.2												33.2
8. Maintenance Outage Hours	MOH	0.0												0.0
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	0.7												0.7
10b. Load Reduction Partial Forced (MW)	LRPF	261.8												261.8
11a. Partial Maintenance Outage Hours	PMOH	59.9												59.9
11b. Load Reduction Partial Maintenance (MW)	LRPM	261.8												261.8
12. Net Summer Continuous Rating (MW)	NSC	929.0												929.0
13. Operating British Thermal Units (GBTU)	OPR BTU	661.3												661.3
14. Net Generation (MWH)	NETGEN	80,708.2												80,708.2
15. Avg. Net Operating Heat Rate (BTU/KWH)	ANOHR	8,193.5												8,193.5
16. Net Output Factor (%)	NOF	31.9												31.9
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												

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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 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	62.9												62.9
2. Period Hours	PH	744.0												744.0
3. Service Hours	SH	216.2												216.2
4. Reserve Shutdown Hours	RSH	303.1												303.1
5. Unavailable Hours	UH	224.7												224.7
6. Planned Outage Hours	POH	0.0												0.0
7. Forced Outage Hours	FOH	15.9												15.9
8. Maintenance Outage Hours	MOH	208.8												208.8
9a. Partial Planned Outage Hours	PPOH	744.0												744.0
9b. Load Reduction Partial Planned (MW)	LRPP	17.0												17.0
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	220.0												220.0
13. Operating British Thermal Units (GBTU)	OPR BTU	247.0												247.0
14. Net Generation (MWH)	NETGEN	23,968.3												23,968.3
15. Avg. Net Operating Heat Rate (BTU/KWH)	ANOHR	10,304.7												10,304.6
16. Net Output Factor (%)	NOF	45.2												45.2
17. Net Period Continuous Rating (MW)	NPC	245.0												245.0
18. Avg. Net Operating Heat Rate Equation		ANOHR = NOF (-7.778) + 10,842												



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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												98.7
2. Period Hours	PH	744.0												744.0
3. Service Hours	SH	742.3												742.3
4. Reserve Shutdown Hours	RSH	0.0												0.0
5. Unavailable Hours	UH	1.7												1.7
6. Planned Outage Hours	POH	0.0												0.0
7. Forced Outage Hours	FOH	1.7												1.7
8. Maintenance Outage Hours	MOH	0.0												0.0
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	5.0												5.0
10b. Load Reduction Partial Forced (MW)	LRPF	34.0												34.0
11a. Partial Maintenance Outage Hours	PMOH	32.3												32.3
11b. Load Reduction Partial Maintenance (MW)	LRPM	300.0												300.0
12. Net Summer Continuous Rating (MW)	NSC	1,061.0												1,061.0
13. Operating British Thermal Units (GBTU)	OPR BTU	4,703.9												4,703.9
14. Net Generation (MWH)	NETGEN	682,239.1												682,239.1
15. Avg. Net Operating Heat Rate (BTU/KWH)	ANOHR	6,894.7												6,894.7
16. Net Output Factor (%)	NOF	76.6												76.6
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 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)	18	Reserve Shutdown	1/1/2019	0:00:00	1/1/2019	10:54:00	10.9			Reserve Shutdown		183
BS CT1(A)	2	Reserve Shutdown	1/1/2019	20:59:00	1/2/2019	9:22:00	12.38			Reserve Shutdown		183
BS CT1(A)	3	Reserve Shutdown	1/3/2019	22:34:00	1/5/2019	9:02:00	34.47			Reserve Shutdown		183
BS CT1(A)	4	Reserve Shutdown	1/6/2019	21:24:00	1/7/2019	16:29:00	19.08			Reserve Shutdown		183
BS CT1(A)	5	Reserve Shutdown	1/8/2019	9:42:00	1/9/2019	16:44:00	31.03			Reserve Shutdown		183
BS CT1(A)	6	Reserve Shutdown	1/10/2019	12:02:00	1/11/2019	5:15:00	17.22			Reserve Shutdown		183
BS CT1(A)	7	Reserve Shutdown	1/12/2019	21:51:00	1/13/2019	5:35:00	7.73			Reserve Shutdown		183
BS CT1(A)	8	Reserve Shutdown	1/14/2019	21:57:00	1/15/2019	10:38:00	12.68			Reserve Shutdown		183
BS CT1(A)	9	Reserve Shutdown	1/17/2019	22:46:00	1/18/2019	5:45:00	6.98			Reserve Shutdown		183
BS CT1(A)	10	Reserve Shutdown	1/18/2019	21:45:00	1/21/2019	4:22:00	54.62			Reserve Shutdown		183
BS CT1(A)	11	Reserve Shutdown	1/22/2019	11:25:00	1/23/2019	5:13:00	17.8			Reserve Shutdown		183
BS CT1(A)	12	Startup Failure	1/23/2019	5:13:00	1/23/2019	7:00:00	1.78	3430	Feedwater regulating (boiler level control) v	HP FW vlv not operating		183
BS CT1(A)	13	Reserve Shutdown	1/24/2019	20:54:00	1/25/2019	4:43:00	7.82			Reserve Shutdown		183
BS CT1(A)	14	Reserve Shutdown	1/26/2019	22:55:00	1/27/2019	7:53:00	8.97			Reserve Shutdown		183
BS CT1(A)	15	Reserve Shutdown	1/29/2019	9:21:00	1/29/2019	17:27:00	8.1			Reserve Shutdown		183
BS CT1(A)	16	Reserve Shutdown	1/31/2019	22:35:00	2/1/2019	0:00:00	1.42			Reserve Shutdown		183

Tampa Electric Company
Outage Listing
January 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)	1	Reserve Shutdown	1/2/2019	18:55:00	1/3/2019	6:34:00	11.65			Reserve Shutdown		183
BS CT1(B)	2	Reserve Shutdown	1/3/2019	19:52:00	1/4/2019	8:42:00	12.83			Reserve Shutdown		183
BS CT1(B)	3	Reserve Shutdown	1/4/2019	20:55:00	1/7/2019	6:35:00	57.67			Reserve Shutdown		183
BS CT1(B)	4	Reserve Shutdown	1/7/2019	21:00:00	1/8/2019	13:15:00	16.25			Reserve Shutdown		183
BS CT1(B)	5	Reserve Shutdown	1/10/2019	10:04:00	1/11/2019	4:07:00	18.05			Reserve Shutdown		183
BS CT1(B)	6	Reserve Shutdown	1/11/2019	23:16:00	1/12/2019	8:40:00	9.4			Reserve Shutdown		183
BS CT1(B)	7	Reserve Shutdown	1/13/2019	0:18:00	1/13/2019	8:28:00	8.17			Reserve Shutdown		183
BS CT1(B)	8	Reserve Shutdown	1/13/2019	22:41:00	1/14/2019	6:17:00	7.6			Reserve Shutdown		183
BS CT1(B)	9	Reserve Shutdown	1/17/2019	21:16:00	1/18/2019	4:30:00	7.23			Reserve Shutdown		183
BS CT1(B)	10	Reserve Shutdown	1/18/2019	11:20:00	1/19/2019	15:29:00	28.15			Reserve Shutdown		183
BS CT1(B)	11	Reserve Shutdown	1/21/2019	12:14:00	1/21/2019	19:16:00	7.03			Reserve Shutdown		183
BS CT1(B)	12	Reserve Shutdown	1/23/2019	21:14:00	1/24/2019	11:23:00	14.15			Reserve Shutdown		183
BS CT1(B)	13	Reserve Shutdown	1/24/2019	21:48:00	1/25/2019	5:34:00	7.77			Reserve Shutdown		183
BS CT1(B)	14	Reserve Shutdown	1/26/2019	12:18:00	1/27/2019	6:32:00	18.23			Reserve Shutdown		183
BS CT1(B)	15	Reserve Shutdown	1/28/2019	22:21:00	1/29/2019	5:32:00	7.18			Reserve Shutdown		183
BS CT1(B)	16	Reserve Shutdown	1/31/2019	20:43:00	2/1/2019	0:00:00	3.28			Reserve Shutdown		183

Tampa Electric Company
 Outage Listing
 January 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)	1	Reserve Shutdown	1/1/2019	0:00:00	1/1/2019	14:02:00	14.03			Reserve Shutdown		183
BS CT1(C)	2	Reserve Shutdown	1/1/2019	23:30:00	1/2/2019	12:30:00	13			Reserve Shutdown		183
BS CT1(C)	3	Reserve Shutdown	1/2/2019	21:28:00	1/3/2019	13:16:00	15.8			Reserve Shutdown		183
BS CT1(C)	4	Reserve Shutdown	1/5/2019	20:53:00	1/6/2019	6:02:00	9.15			Reserve Shutdown		183
BS CT1(C)	5	Reserve Shutdown	1/7/2019	9:59:00	1/8/2019	6:34:00	20.58			Reserve Shutdown		183
BS CT1(C)	6	Reserve Shutdown	1/8/2019	22:33:00	1/10/2019	5:35:00	31.03			Reserve Shutdown		183
BS CT1(C)	7	Reserve Shutdown	1/11/2019	10:10:00	1/11/2019	16:48:00	6.63			Reserve Shutdown		183
BS CT1(C)	8	Startup Failure	1/11/2019	16:48:00	1/11/2019	17:07:00	0.32	5130	Starting system (including motor)	1C would not sync		183
BS CT1(C)	9	Reserve Shutdown	1/11/2019	17:07:00	1/12/2019	5:43:00	12.6			Reserve Shutdown		183
BS CT1(C)	10	Reserve Shutdown	1/16/2019	8:30:00	1/16/2019	16:23:00	7.88			Reserve Shutdown		183
BS CT1(C)	11	Reserve Shutdown	1/18/2019	8:52:00	1/18/2019	16:27:00	7.58			Reserve Shutdown		183
BS CT1(C)	12	Reserve Shutdown	1/19/2019	22:06:00	1/20/2019	17:06:00	19			Reserve Shutdown		183
BS CT1(C)	13	Reserve Shutdown	1/21/2019	22:15:00	1/22/2019	5:17:00	7.03			Reserve Shutdown		183
BS CT1(C)	14	Reserve Shutdown	1/22/2019	23:25:00	1/23/2019	5:45:00	6.33			Reserve Shutdown		183
BS CT1(C)	15	Reserve Shutdown	1/23/2019	22:28:00	1/24/2019	13:08:00	14.67			Reserve Shutdown		183
BS CT1(C)	16	Reserve Shutdown	1/25/2019	9:01:00	1/26/2019	6:11:00	21.17			Reserve Shutdown		183
BS CT1(C)	17	Reserve Shutdown	1/28/2019	13:48:00	1/29/2019	3:33:00	13.75			Reserve Shutdown		183
BS CT1(C)	18	Reserve Shutdown	1/29/2019	21:41:00	1/30/2019	5:44:00	8.05			Reserve Shutdown		183

Tampa Electric Company
Outage Listing
January 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	1	Unplanned (Forced) Derating - Immediate	1/11/2019	16:48:00	1/11/2019	17:07:00	0:32	3999	Other miscellaneous balance of plant problems	ST1 Derated - 1C failed to sync	164	243
BS ST 1	2	Unplanned (Forced) Derating - Immediate	1/23/2019	5:13:00	1/23/2019	7:00:00	1:78	3999	Other miscellaneous balance of plant problems	1A - Failed Start HP FW Valve not operating	161	243

Tampa Electric Company
 Outage Listing
 January 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)	1	Reserve Shutdown	1/1/2019	0:00:00	1/1/2019	9:35:00	9.58			Reserve Shutdown		183
BS CT2(A)	2	Reserve Shutdown	1/1/2019	19:25:00	1/2/2019	6:06:00	10.68			Reserve Shutdown		183
BS CT2(A)	3	Reserve Shutdown	1/2/2019	19:58:00	1/3/2019	11:41:00	15.72			Reserve Shutdown		183
BS CT2(A)	4	Reserve Shutdown	1/3/2019	21:30:00	1/7/2019	4:41:00	79.18			Reserve Shutdown		183
BS CT2(A)	5	Reserve Shutdown	1/7/2019	22:30:00	1/8/2019	5:32:00	7.03			Reserve Shutdown		183
BS CT2(A)	6	Reserve Shutdown	1/8/2019	21:22:00	1/11/2019	5:55:00	56.55			Reserve Shutdown		183
BS CT2(A)	7	Unplanned (Forced) Outage - Immediate	1/11/2019	6:09:00	1/11/2019	6:18:00	0.15	800	Drums and drum internals	HP Drum High Level		183
BS CT2(A)	8	Planned Outage	1/11/2019	9:40:00	1/20/2019	5:41:00	212.02	3999	Other miscellaneous balance of plant problems	Planned spring outage		183
BS CT2(A)	9	Reserve Shutdown	1/20/2019	5:41:00	1/21/2019	7:49:00	26.13			Reserve Shutdown		183
BS CT2(A)	10	Reserve Shutdown	1/21/2019	11:54:00	1/22/2019	8:20:00	20.43			Reserve Shutdown		183
BS CT2(A)	11	Planned Outage	1/22/2019	8:20:00	1/31/2019	0:00:00	207.67	3999	Other miscellaneous balance of plant problems	Planned Spring Outage		183
BS CT2(A)	12	Reserve Shutdown	1/31/2019	0:00:00	2/1/2019	0:00:00	24			Reserve Shutdown		183

Tampa Electric Company
 Outage Listing
 January 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)	1	Reserve Shutdown	1/1/2019	0:00:00	1/1/2019	12:40:00	12.67			Reserve Shutdown		183
BS CT2(B)	2	Reserve Shutdown	1/1/2019	21:55:00	1/2/2019	16:36:00	18.68			Reserve Shutdown		183
BS CT2(B)	3	Reserve Shutdown	1/2/2019	22:51:00	1/4/2019	11:38:00	36.78			Reserve Shutdown		183
BS CT2(B)	4	Reserve Shutdown	1/4/2019	22:52:00	1/9/2019	6:46:00	103.9			Reserve Shutdown		183
BS CT2(B)	5	Reserve Shutdown	1/9/2019	21:10:00	1/10/2019	16:26:00	19.27			Reserve Shutdown		183
BS CT2(B)	6	Planned Outage	1/11/2019	10:19:00	1/20/2019	5:41:00	211.37	3999	Other miscellaneous balance of plant problems	Planned Spring Outage		183
BS CT2(B)	7	Reserve Shutdown	1/20/2019	5:41:00	1/22/2019	8:20:00	50.65			Reserve Shutdown		183
BS CT2(B)	8	Planned Outage	1/22/2019	8:20:00	1/31/2019	0:00:00	207.67	3999	Other miscellaneous balance of plant problems	Planned Spring Outage		183
BS CT2(B)	9	Reserve Shutdown	1/31/2019	0:00:00	2/1/2019	0:00:00	24			Reserve Shutdown		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)	9	Reserve Shutdown	1/4/2019	18:36:00	1/6/2019	7:00:00	36.4			Reserve Shutdown		183
BS CT2(C)	10	Maintenance Outage	1/6/2019	7:00:00	1/8/2019	11:58:00	52.97	800	Drums and drum internals	2C HP Evap tube leak		183
BS CT2(C)	11	Reserve Shutdown	1/8/2019	11:58:00	1/10/2019	4:56:00	40.97			Reserve Shutdown		183
BS CT2(C)	12	Planned Outage	1/11/2019	9:15:00	1/20/2019	5:41:00	212.43	3999	Other miscellaneous balance of plant problems	Planned Spring Outage		183
BS CT2(C)	13	Reserve Shutdown	1/20/2019	5:41:00	1/22/2019	8:20:00	50.65			Reserve Shutdown		183
BS CT2(C)	14	Planned Outage	1/22/2019	8:20:00	1/31/2019	0:00:00	207.67	3999	Other miscellaneous balance of plant problems	Planned Spring Outage		183
BS CT2(C)	15	Reserve Shutdown	1/31/2019	0:00:00	2/1/2019	0:00:00	24			Reserve Shutdown		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)	1	Maintenance Outage	1/1/2019	0:00:00	1/1/2019	6:55:00	6.92	3819	Other service water problems	Sample water valve replacement		183
BS CT2(D)	2	Reserve Shutdown	1/1/2019	6:55:00	1/2/2019	11:18:00	28.38			Reserve Shutdown		183
BS CT2(D)	3	Unplanned (Forced) Outage - Immediate	1/11/2019	5:30:00	1/11/2019	5:55:00	0.42	560	Other reheat steam valves (not including turb	2D SH High Temps		183
BS CT2(D)	4	Unplanned (Forced) Outage - Immediate	1/11/2019	6:56:00	1/11/2019	7:05:00	0.15	520	Other main steam valves (including vent and d	High Temps		183
BS CT2(D)	5	Planned Outage	1/11/2019	7:14:00	1/20/2019	5:41:00	214.45	3999	Other miscellaneous balance of plant problems	Spring planned outage		183
BS CT2(D)	6	Reserve Shutdown	1/20/2019	5:41:00	1/22/2019	8:20:00	50.65			Reserve Shutdown		183
BS CT2(D)	7	Planned Outage	1/22/2019	8:20:00	1/31/2019	0:00:00	207.67	3999	Other miscellaneous balance of plant problems	Spring Planned Outage		183
BS CT2(D)	8	Reserve Shutdown	1/31/2019	0:00:00	2/1/2019	0:00:00	24			Reserve Shutdown		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	Unplanned (Forced) Derating - Immediate	1/1/2019	0:00:00	1/1/2019	6:55:00	6:52	3999	Other miscellaneous balance of plant problems	ST2 Derated - 2D Sample water valve leaking	238	315
BS ST 2	2	Unplanned (Forced) Outage - Immediate	1/2/2019	11:55:00	1/2/2019	14:13:00	2:3	3839	Other auxiliary steam problems	RH high pressure		315
BS ST 2	3	Unplanned (Forced) Derating - Immediate	1/6/2019	7:00:00	1/8/2019	11:58:00	52:97	3999	Other miscellaneous balance of plant problems	ST2 Derated - 1C HP Evap Leak	238	315
BS ST 2	4	Unplanned (Forced) Outage - Immediate	1/11/2019	4:03:00	1/12/2019	11:00:00	30:95	4609	Other exciter problems	PT fuse connection was loose		315
BS ST 2	5	Planned Outage	1/12/2019	11:00:00	1/31/2019	0:00:00	445	3999	Other miscellaneous balance of plant problems	Planned spring outage		315
BS ST 2	6	Reserve Shutdown	1/31/2019	0:00:00	2/1/2019	0:00:00	24			Reserve Shutdown		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	8	Maintenance Derating	1/1/2019	0:00:00	2/1/2019	0:00:00	744	3899	Other miscellaneous auxiliary system problems	Gasification outage due to economics. Continuing to work equipment.	200	177
Polk 1	9	Reserve Shutdown	1/1/2019	0:00:00	1/2/2019	1:00:00	25			Reserve Shutdown		177
Polk 1	10	Maintenance Outage	1/2/2019	1:00:00	1/3/2019	20:19:00	43.32	4840	Inspection	Worked on generator heaters, lift oil pumps for the CT, axial thrust probes, exhaust t		177
Polk 1	11	Reserve Shutdown	1/3/2019	20:19:00	1/8/2019	13:47:00	113.47			Reserve Shutdown		177
Polk 1	12	Reserve Shutdown	1/8/2019	17:40:00	1/10/2019	10:06:00	40.43			Reserve Shutdown		177
Polk 1	13	Reserve Shutdown	1/10/2019	13:18:00	1/14/2019	12:01:00	94.72			Reserve Shutdown		177
Polk 1	14	Unplanned (Forced) Outage - Immediate	1/21/2019	7:04:00	1/21/2019	8:26:00	1.37	9130	Lack of fuel	Lost natural gas to the station. Fort Greene Road regulators failed. The primary set (177
Polk 1	15	Reserve Shutdown	1/22/2019	22:33:00	1/24/2019	12:00:00	37.45			Reserve Shutdown		177
Polk 1	16	Maintenance Outage	1/24/2019	12:00:00	1/31/2019	9:30:00	165.5	5019	Other high pressure problems	Other high pressure problems		177
Polk 1	17	Startup Failure	1/31/2019	9:30:00	2/1/2019	0:00:00	14.5	5250	Controls and instrumentation	GTG1 tripped on reverse energization. The 230kV yard breakers open as unit failed to I		177

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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	Reserve Shutdown	1/1/2019	0:00:00	1/8/2019	13:47:00	181.78			Reserve Shutdown		48
Polk 1 ST	2	Reserve Shutdown	1/8/2019	17:40:00	1/10/2019	10:06:00	40.43			Reserve Shutdown		48
Polk 1 ST	3	Reserve Shutdown	1/10/2019	13:18:00	1/14/2019	12:01:00	94.72			Reserve Shutdown		48
Polk 1 ST	4	Unplanned (Forced) Outage - Immediate	1/21/2019	7:04:00	1/21/2019	8:26:00	1.37	9130	Lack of fuel	Lost natural gas to the station. Fort Greene Road regulators failed. The primary set (48
Polk 1 ST	5	Reserve Shutdown	1/22/2019	22:33:00	2/1/2019	0:00:00	217.45			Reserve Shutdown		48

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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	1/3/2019	0:55:00	1/3/2019	9:34:00	8.65			Reserve Shutdown		180
Polk 2	2	Reserve Shutdown	1/5/2019	0:01:00	1/5/2019	7:31:00	7.5			Reserve Shutdown		180
Polk 2	3	Reserve Shutdown	1/6/2019	0:49:00	1/6/2019	8:11:00	7.37			Reserve Shutdown		180
Polk 2	4	Reserve Shutdown	1/6/2019	23:49:00	1/7/2019	9:48:00	9.98			Reserve Shutdown		180
Polk 2	5	Unplanned (Forced) Outage - Immediate	1/21/2019	7:05:00	1/21/2019	9:14:00	2.15	9130	Lack of fuel	Lost natural gas to the station. Fort Greene Road regulators failed. The primary set (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 3	8	Reserve Shutdown	1/8/2019	0:05:00	1/8/2019	9:19:00	9.23			Reserve Shutdown		180
Polk 3	9	Reserve Shutdown	1/20/2019	0:17:00	1/20/2019	8:14:00	7.95			Reserve Shutdown		180
Polk 3	10	Unplanned (Forced) Outage - Immediate	1/21/2019	7:06:00	1/21/2019	8:36:00	1.5	9130	Lack of fuel	Lost natural gas to the station. Fort Greene Road regulators failed. The primary set (180
Polk 3	11	Reserve Shutdown	1/24/2019	23:29:00	1/25/2019	6:11:00	6.7			Reserve Shutdown		180
Polk 3	12	Reserve Shutdown	1/31/2019	14:31:00	1/31/2019	16:33:00	2.03			Reserve Shutdown		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	1/3/2019	23:49:00	1/4/2019	6:26:00	6:62			Reserve Shutdown		180
Polk 4	2	Reserve Shutdown	1/20/2019	3:03:00	1/20/2019	10:36:00	7:55			Reserve Shutdown		180
Polk 4	3	Unplanned (Forced) Derating - Immediate	1/21/2019	7:05:00	1/21/2019	7:15:00	0:17	9130	Lack of fuel	Lost natural gas to the station. Fort Greene Road regulators failed. The primary set (1	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	1/18/2019	23:52:00	1/19/2019	6:55:00	7:05			Reserve Shutdown		180
Polk 5	2	Unplanned (Forced) Outage - Immediate	1/21/2019	7:06:00	1/21/2019	8:13:00	1:12	9130	Lack of fuel	Lost natural gas to the station. Fort Greene Road regulators failed. The primary set (180
Polk 5	3	Maintenance Outage	1/22/2019	21:06:00	1/24/2019	5:25:00	32:32	5120	Hydraulic oil system	Maintenance outage.GE subcontracted Mitten to assist and operationally test the hydra		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) Outage - Immediate	1/21/2019	7:05:00	1/21/2019	8:45:00	1.67	3999	Other miscellaneous balance of plant problems	Lost natural gas to the station. Fort Greene Road regulators failed. The primary set (480