

AUSLEY McMULLEN

ATTORNEYS AND COUNSELORS AT LAW

123 SOUTH CALHOUN STREET
P.O. BOX 391 (ZIP 32302)
TALLAHASSEE, FLORIDA 32301
(850) 224-9115 FAX (850) 222-7560

January 27, 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

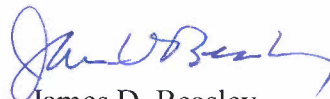
Re: Fuel and Purchased Power Cost Recovery Clause with Generating Performance
Incentive Factor; FPSC Docket No. 20200001-EI

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 December 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 27th day of January 2020 to the following:

Ms. Suzanne Brownless
Office of the General Counsel
Florida Public Service Commission
2540 Shumard Oak Boulevard
Tallahassee, FL 32399-0850
sbrownle@psc.state.fl.us

Ms. Patricia A. Christensen
Associate Public Counsel
Office of Public Counsel
111 West Madison Street – Room 812
Tallahassee, FL 32399-1400
christensen.patty@leg.state.fl.us

Ms. Dianne M. Triplett
Duke Energy Florida
299 First Avenue North
St. Petersburg, FL 33701
Dianne.triplett@duke-energy.com
FLRegulatoryLegal@duke-energy.com

Mr. Matthew R. Bernier
Senior Counsel
Duke Energy Florida
106 East College Avenue, Suite 800
Tallahassee, FL 32301-7740
Matthew.bernier@duke-energy.com

Mr. Jon C Moyle, Jr.
Moyle Law Firm
118 North Gadsden Street
Tallahassee, FL 32301
jmoyle@moylelaw.com

C. Shane Boyett
Regulatory, Forecasting and Pricing Manager
Gulf Power Company
One Energy Place
Pensacola FL 32520
charles.boyett@nexteraenergy.com

Ms. Beth Keating
Gunster, Yoakley & Stewart, P.A.
215 S. Monroe St., Suite 601
Tallahassee, FL 32301
bkeating@gunster.com

Maria Moncada
Senior Attorney
Mr. Joel T. Baker
Principal Attorney
Florida Power & Light Company
700 Universe Boulevard (LAW/JB)
Juno Beach, FL 33408-0420
maria.moncada@fpl.com
joel.baker@fpl.com

Mr. Kenneth Hoffman
Vice President, Regulatory Relations
Florida Power & Light Company
215 South Monroe Street, Suite 810
Tallahassee, FL 32301-1859
ken.hoffman@fpl.com

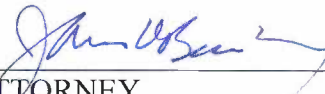
Mr. Mike Cassel
Regulatory and Governmental Affairs
Florida Public Utilities Company
Florida Division of Chesapeake Utilities Corp.
1750 SW 14th Street, Suite 200
Fernandina Beach, FL 32034
mcassel@fpuc.com

Mr. Russell A. Badders
Vice President & Associate General Counsel
Gulf Power Company
One Energy Place
Pensacola FL 32520
russell.badders@nexteraenergy.com

Mr. Robert Scheffel Wright
Mr. John T. LaVia, III
Gardner, Bist, Wiener, Wadsworth,
Bowden, Bush, Dee, LaVia & Wright, P.A.
1300 Thomaswood Drive
Tallahassee, FL 32308
Schef@gbwlegal.com
Jlavia@gbwlegal.com

Mr. Steven R. Griffin
Beggs & Lane
P.O. Box 12950
Pensacola FL 32591
srg@beggslane.com

Mr. James W. Brew
Ms. Laura A. Wynn
Stone Mattheis Xenopoulos & Brew, PC
1025 Thomas Jefferson Street, NW
Eighth Floor, West Tower
Washington, D.C. 20007-5201
jbrew@smxblaw.com
laura.wynn@smxblaw.com



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	95.4	86.7	96.8	97.5	78.1	67.5	98.6	85.1
2. Period Hours	PH	744.0	672.0	744.0	720.0	744.0	720.0	744.0	744.0	720.0	744.0	720.0	744.0	8,760.0
3. Service Hours	SH	744.0	597.1	0.0	586.9	714.1	700.1	672.5	728.2	708.2	602.7	467.8	736.3	7,257.900
4. Reserve Shutdown Hours	RSH	0.0	0.0	171.9	46.5	0.0	0.0	0.0	0.0	0.0	0.0	23.6	0.0	242.0
5. Unavailable Hours	UH	0.0	74.9	572.1	86.6	29.9	19.9	71.5	15.8	11.8	141.3	228.6	7.7	1,260.1
6. Planned Outage Hours	POH	0.0	74.9	572.1	8.5	0.0	0.0	0.0	0.0	0.0	114.4	203.7	0.0	973.6000
7. Forced Outage Hours	FOH	0.0	0.0	0.0	78.1	0.0	19.9	68.5	10.8	10.2	24.7	14.0	7.7	233.9
8. Maintenance Outage Hours	MOH	0.0	0.0	0.0	0.0	29.9	0.0	3.0	5.0	1.6	2.2	10.8	0.0	52.5
9a. Partial Planned Outage Hours	PPOH	0.0	48.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	48.5
9b. Load Reduction Partial Planned (MW)	LRPP	0.0	117.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	117.4
10a. Partial Forced Outage Hours	PFOH	2.1	0.0	0.0	0.9	0.0	39.7	81.7	16.1	12.8	36.9	16.8	10.0	217.000
10b. Load Reduction Partial Forced (MW)	LRPF	263.8	0.0	0.0	77.4	0.0	94.2	79.0	79.0	145.3	72.3	79.0	71.0	86.0
11a. Partial Maintenance Outage Hours	PMOH	0.0	0.0	0.0	0.0	44.6	7.7	0.0	7.4	2.4	20.3	0.0	0.0	82.5
11b. Load Reduction Partial Maintenance (MW)	LRPM	0.0	0.0	0.0	0.0	79.0	75.0	0.0	79.0	79.0	118.1	0.0	0.0	88.3
12. Net Summer Continuous Rating (MW)	NSC	701.0	701.0	701.0	701.0	701.0	701.0	701.0	701.0	701.0	701.0	701.0	701.0	701.0
13. Operating British Thermal Units (GBTU)	OPR BTU	2,153.7	1,975.7	0.0	2,092.3	2,623.6	2,709.4	2,338.2	2,555.4	2,098.8	1,848.1	1,146.7	2,090.2	23,632.0
14. Net Generation (MWH)	NETGEN	281,105.8	268,363.3	-489.0	285,493.0	357,594.0	371,287.2	316,400.6	340,370.5	282,565.0	249,882.7	153,636.9	286,572.2	3,192,782.2
15. Avg. Net Operating Heat Rate (BTU/KWH)	ANOHR	7,661.4	7,362.0	0.0	7,329.0	7,337.0	7,297.0	7,390.0	7,508.0	7,428.0	7,396.0	7,464.0	7,294.0	7,401.7
16. Net Output Factor (%)	NOF	47.7	56.8	0.0	69.4	68.6	73.6	64.1	65.3	56.0	55.1	46.8	48.6	60.2
17. Net Period Continuous Rating (MW)	NPC	792.0	792.0	792.0	701.0	701.0	701.0	701.0	701.0	701.0	701.0	701.0	792.0	731.3
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	99.3	100.0	92.1	97.4	100.0	71.8	46.1	85.5
2. Period Hours	PH	744.0	672.0	744.0	720.0	744.0	720.0	744.0	744.0	720.0	744.0	720.0	744.0	8,760.0
3. Service Hours	SH	241.8	594.0	740.6	691.2	742.1	717.2	743.0	685.1	707.6	744.0	597.6	155.5	7,359.7
4. Reserve Shutdown Hours	RSH	24.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	212.4	237.4
5. Unavailable Hours	UH	478.2	78.0	3.4	28.8	1.9	2.8	0.0	58.9	12.4	0.0	122.4	376.1	1,162.9
6. Planned Outage Hours	POH	445.0	58.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	122.4	372.6	998.0
7. Forced Outage Hours	FOH	33.2	0.0	3.4	28.8	0.5	2.8	0.0	0.0	0.0	0.0	0.0	3.5	72.2
8. Maintenance Outage Hours	MOH	0.0	20.0	0.0	0.0	1.4	0.0	0.0	58.9	12.4	0.0	0.0	0.0	92.9
9a. Partial Planned Outage Hours	PPOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9b. Load Reduction Partial Planned (MW)	LRPP	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0	0.0	0.0	6.0	445.1
10b. Load Reduction Partial Forced (MW)	LRPF	261.8	138.4	78.8	77.0	77.5	0.0	0.0	0.0	0.0	0.0	0.0	79.0	130.3
11a. Partial Maintenance Outage Hours	PMOH	59.9	0.0	0.0	0.0	2.7	8.3	0.0	0.0	24.2	0.0	164.2	41.9	301.2
11b. Load Reduction Partial Maintenance (MW)	LRPM	261.8	0.0	0.0	0.0	77.1	85.0	0.0	0.0	77.0	0.0	149.2	174.2	166.9
12. Net Summer Continuous Rating (MW)	NSC	929.0	929.0	929.0	929.0	929.0	929.0	929.0	929.0	929.0	929.0	929.0	929.0	929.0
13. Operating British Thermal Units (GBTU)	OPR BTU	661.3	2,265.6	4,330.1	3,601.5	4,030.2	3,898.4	3,798.3	3,042.7	2,946.1	3,292.3	2,204.7	365.9	34,437.1
14. Net Generation (MWH)	NETGEN	80,708.2	305,544.7	572,174.0	492,205.4	551,479.2	538,434.7	520,587.5	405,685.4	397,926.0	448,016.3	297,089.0	38,648.7	4,648,499.1
15. Avg. Net Operating Heat Rate (BTU/KWH)	ANOHR	8,193.5	7,415.0	7,568.0	7,317.0	7,308.0	7,240.0	7,296.0	7,500.0	7,404.0	7,349.0	7,421.0	9,469.0	7,408.2
16. Net Output Factor (%)	NOF	31.9	49.1	86.9	73.6	77.5	80.5	75.3	63.7	59.5	64.8	44.4	23.7	64.9
17. Net Period Continuous Rating (MW)	NPC	1,047.0	1,047.0	1,047.0	929.0	929.0	929.0	929.0	929.0	929.0	929.0	929.0	1,047.0	968.3
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:	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	98.5	98.8	100.0	100.0	43.7	86.9	82.9	78.9
2. Period Hours	PH	744.0	672.0	744.0	720.0	744.0	720.0	744.0	744.0	720.0	744.0	720.0	744.0	8,760.0
3. Service Hours	SH	192.7	53.0	458.1	692.0	509.0	667.2	319.9	409.9	465.6	133.8	358.1	173.9	4,433.2
4. Reserve Shutdown Hours	RSH	322.9	0.0	179.0	28.0	3.4	42.0	415.5	334.1	254.4	191.2	279.3	443.1	2,492.9
5. Unavailable Hours	UH	213.9	539.6	106.9	0.0	231.6	10.8	8.6	0.0	0.0	419.0	82.6	127.0	1,740.0
6. Planned Outage Hours	POH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	419.0	0.0	0.0	419.0
7. Forced Outage Hours	FOH	19.6	539.6	0.0	0.0	41.5	8.7	0.0	0.0	0.0	0.0	0.0	0.0	609.4
8. Maintenance Outage Hours	MOH	208.8	0.0	106.9	0.0	190.1	2.1	8.6	0.0	0.0	0.0	82.6	127.0	726.1
9a. Partial Planned Outage Hours	PPOH	744.0	493.0	30.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1,267.9
9b. Load Reduction Partial Planned (MW)	LRPP	20.0	5.0	65.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.3
10a. Partial Forced Outage Hours	PFOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	372.2	0.0	372.2
10b. Load Reduction Partial Forced (MW)	LRPF	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.0	0.0	7.0
11a. Partial Maintenance Outage Hours	PMOH	0.0	0.0	46.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	46.7
11b. Load Reduction Partial Maintenance (MW)	LRPM	0.0	0.0	15.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.0
12. Net Summer Continuous Rating (MW)	NSC	235.0	235.0	235.0	235.0	235.0	235.0	235.0	235.0	235.0	235.0	235.0	235.0	235.0
13. Operating British Thermal Units (GBTU)	OPR BTU	247.0	62.5	551.9	884.0	657.3	872.8	386.1	475.2	515.6	181.6	493.7	249.7	5,577.4
14. Net Generation (MWH)	NETGEN	23,968.3	4,295.0	61,112.0	103,624.0	75,289.0	101,034.8	40,693.3	51,490.0	55,151.1	19,059.4	59,836.1	26,913.0	622,466.0
15. Avg. Net Operating Heat Rate (BTU/KWH)	ANOHR	10,304.7	14,559.0	9,032.0	8,531.0	8,731.0	8,639.0	9,789.0	9,229.0	9,348.0	9,529.0	8,251.0	9,279.0	8,960.2
16. Net Output Factor (%)	NOF	50.8	32.9	55.1	64.5	62.9	64.4	54.1	53.5	50.4	60.6	71.1	63.9	59.0
17. Net Period Continuous Rating (MW)	NPC	245.0	245.0	245.0	235.0	235.0	235.0	235.0	235.0	235.0	235.0	235.0	245.0	238.3
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	80.4	97.0	99.5	99.3	99.9	71.7	93.0	92.6
2. Period Hours	PH	744.0	672.0	744.0	720.0	744.0	720.0	744.0	744.0	720.0	744.0	720.0	744.0	8,760.0
3. Service Hours	SH	742.3	643.0	741.8	396.0	744.0	643.1	730.9	740.3	715.1	743.4	569.2	713.4	8,122.5
4. Reserve Shutdown Hours	RSH	0.0	0.0	0.0	66.5	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	67.5
5. Unavailable Hours	UH	1.7	29.0	2.2	257.5	0.0	76.9	12.1	3.7	4.9	0.6	150.8	30.6	570.0
6. Planned Outage Hours	POH	0.0	0.0	0.0	245.0	0.0	0.0	0.0	0.0	0.0	0.0	120.7	25.7	391.4
7. Forced Outage Hours	FOH	1.7	29.0	2.2	10.1	0.0	76.9	2.5	0.1	0.3	0.6	16.6	0.2	140.2
8. Maintenance Outage Hours	MOH	0.0	0.0	0.0	2.4	0.0	0.0	9.6	3.6	4.7	0.0	13.5	4.7	38.5
9a. Partial Planned Outage Hours	PPOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9b. Load Reduction Partial Planned (MW)	LRPP	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	237.6	7.6	0.0	0.0	1.7	51.0	0.4	335.8
10b. Load Reduction Partial Forced (MW)	LRPF	34.0	298.6	97.0	0.0	138.0	125.2	124.9	0.0	0.0	124.5	125.0	123.4	128.3
11a. Partial Maintenance Outage Hours	PMOH	32.3	0.0	0.0	0.0	0.0	0.0	29.7	0.0	0.0	0.0	135.7	81.1	278.8
11b. Load Reduction Partial Maintenance (MW)	LRPM	300.0	0.0	0.0	0.0	0.0	0.0	125.0	0.0	0.0	0.0	132.5	125.0	148.9
12. Net Summer Continuous Rating (MW)	NSC	1,061.0	1,061.0	1,061.0	1,061.0	1,061.0	1,061.0	1,061.0	1,061.0	1,061.0	1,061.0	1,061.0	1,061.0	1,061.0
13. Operating British Thermal Units (GBTU)	OPR BTU	4,703.9	2,665.0	3,704.2	1,627.1	3,689.5	3,213.4	4,270.8	4,669.9	4,373.8	4,680.8	2,949.5	4,228.1	44,776.0
14. Net Generation (MWH)	NETGEN	682,239.1	377,898.0	527,688.0	213,900.0	517,263.0	449,778.0	592,883.0	673,696.0	658,273.7	676,742.0	417,852.0	611,288.0	6,399,500.8
15. Avg. Net Operating Heat Rate (BTU/KWH)	ANOHR	6,894.7	7,052.0	7,020.0	7,607.0	7,134.0	7,144.0	7,204.0	6,932.0	6,912.0	6,917.0	7,050.0	6,917.0	6,996.8
16. Net Output Factor (%)	NOF	76.6	49.0	59.1	50.6	65.5	58.9	75.1	85.3	86.3	85.7	66.0	68.5	71.2
17. Net Period Continuous Rating (MW)	NPC	1,200.0	1,200.0	1,200.0	1,061.0	1,061.0	1,061.0	1,061.0	1,061.0	1,061.0	1,061.0	1,061.0	1,200.0	1,107.3
18. Avg. Net Operating Heat Rate Equation		ANOHR = NOF (-53.862) + 11,266												

Tampa Electric Company
 Outage Listing
 December 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)	161	Reserve Shutdown	12/1/2019	0:00:00	12/1/2019	11:00:00	11 N/A	N/A		Reserve Shutdown	N/A	183
BS CT1(A)	162	Reserve Shutdown	12/9/2019	23:44:00	12/10/2019	6:54:00	7.17 N/A	N/A		Reserve Shutdown	N/A	183
BS CT1(A)	163	Reserve Shutdown	12/10/2019	23:58:00	12/11/2019	8:14:00	8.27 N/A	N/A		Reserve Shutdown	N/A	183
BS CT1(A)	164	Reserve Shutdown	12/11/2019	23:39:00	12/12/2019	7:21:00	7.7 N/A	N/A		Reserve Shutdown	N/A	183
BS CT1(A)	165	Reserve Shutdown	12/14/2019	20:23:00	12/15/2019	8:45:00	12.37 N/A	N/A		Reserve Shutdown	N/A	183
BS CT1(A)	166	Reserve Shutdown	12/15/2019	23:12:00	12/16/2019	6:07:00	6.92 N/A	N/A		Reserve Shutdown	N/A	183
BS CT1(A)	167	Reserve Shutdown	12/17/2019	22:01:00	12/18/2019	17:07:00	19.1 N/A	N/A		Reserve Shutdown	N/A	183
BS CT1(A)	168	Reserve Shutdown	12/19/2019	11:03:00	12/20/2019	5:12:00	18.15 N/A	N/A		Reserve Shutdown	N/A	183
BS CT1(A)	169	Reserve Shutdown	12/22/2019	21:25:00	12/23/2019	15:49:00	18.4 N/A	N/A		Reserve Shutdown	N/A	183
BS CT1(A)	170	Reserve Shutdown	12/25/2019	19:50:00	12/26/2019	16:18:00	20.47 N/A	N/A		Reserve Shutdown	N/A	183
BS CT1(A)	171	Reserve Shutdown	12/26/2019	16:26:00	12/26/2019	16:27:00	0.02 N/A	N/A			N/A	183
BS CT1(A)	172	Reserve Shutdown	12/26/2019	22:45:00	12/28/2019	10:31:00	35.77 N/A	N/A		Reserve Shutdown	N/A	183
BS CT1(A)	173	Reserve Shutdown	12/28/2019	22:22:00	12/29/2019	14:12:00	15.83 N/A	N/A		Reserve Shutdown	N/A	183
BS CT1(A)	174	Reserve Shutdown	12/29/2019	22:54:00	12/30/2019	11:35:00	12.68 N/A	N/A		Reserve Shutdown	N/A	183
BS CT1(A)	175	Reserve Shutdown	12/30/2019	22:28:00	12/31/2019	23:59:00	25.52 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 CT1(B)	97	Reserve Shutdown	12/1/2019	22:35:00	12/2/2019	21:09:00	22.57	N\A	N\A	Reserve Shutdown	N\A	183
BS CT1(B)	107	Reserve Shutdown	12/11/2019	0:45:00	12/11/2019	10:04:00	9.32	N\A	N\A	Reserve Shutdown	N\A	183
BS CT1(B)	108	Reserve Shutdown	12/12/2019	22:55:00	12/13/2019	8:11:00	9.27	N\A	N\A	Reserve Shutdown	N\A	183
BS CT1(B)	109	Reserve Shutdown	12/15/2019	0:28:00	12/15/2019	16:41:00	16.22	N\A	N\A	Reserve Shutdown	N\A	183
BS CT1(B)	110	Reserve Shutdown	12/16/2019	20:23:00	12/17/2019	5:36:00	9.22	N\A	N\A	Reserve Shutdown	N\A	183
BS CT1(B)	111	Reserve Shutdown	12/17/2019	23:02:00	12/19/2019	4:45:00	29.72	N\A	N\A	Reserve Shutdown	N\A	183
BS CT1(B)	112	Unplanned (Forced)	12/19/2019	5:02:00	12/20/2019	14:26:00	33.4	5048	Gas fuel system	speed ratio valve leaked at the stem. Replace valve.	N\A	183
BS CT1(B)	113	Reserve Shutdown	12/20/2019	14:26:00	12/26/2019	12:10:00	141.73	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 CT1(C)	118	Reserve Shutdown	12/1/2019	0:00:00	12/1/2019	8:34:00	8.57	N\A	N\A	Reserve Shutdown	N\A	183
BS CT1(C)	110	Reserve Shutdown	12/1/2019	23:59:00	12/2/2019	16:17:00	16.3	N\A	N\A	Reserve Shutdown	N\A	183
BS CT1(C)	119	Reserve Shutdown	12/11/2019	21:59:00	12/12/2019	5:57:00	7.97	N\A	N\A	Reserve Shutdown	N\A	183
BS CT1(C)	120	Reserve Shutdown	12/13/2019	22:09:00	12/14/2019	16:14:00	18.08	N\A	N\A	Reserve Shutdown	N\A	183
BS CT1(C)	121	Reserve Shutdown	12/15/2019	21:59:00	12/16/2019	5:01:00	7.03	N\A	N\A	Reserve Shutdown	N\A	183
BS CT1(C)	122	Reserve Shutdown	12/16/2019	23:58:00	12/17/2019	8:28:00	8.5	N\A	N\A	Reserve Shutdown	N\A	183
BS CT1(C)	123	Reserve Shutdown	12/18/2019	21:27:00	12/19/2019	5:27:00	8	N\A	N\A	Reserve Shutdown	N\A	183
BS CT1(C)	124	Reserve Shutdown	12/20/2019	21:34:00	12/22/2019	9:58:00	36.4	N\A	N\A	Reserve Shutdown	N\A	183
BS CT1(C)	125	Reserve Shutdown	12/23/2019	20:57:00	12/25/2019	14:43:00	41.77	N\A	N\A	Reserve Shutdown	N\A	183
BS CT1(C)	126	Reserve Shutdown	12/26/2019	20:36:00	12/27/2019	11:40:00	15.07	N\A	N\A	Reserve Shutdown	N\A	183
BS CT1(C)	127	Reserve Shutdown	12/27/2019	22:12:00	12/29/2019	10:16:00	36.07	N\A	N\A	Reserve Shutdown	N\A	183
BS CT1(C)	128	Reserve Shutdown	12/29/2019	20:58:00	12/30/2019	6:20:00	9.37	N\A	N\A	Reserve Shutdown	N\A	183
BS CT1(C)	129	Reserve Shutdown	12/30/2019	21:01:00	12/31/2019	5:01:00	8	N\A	N\A	Reserve Shutdown	N\A	183
BS CT1(C)	130	Reserve Shutdown	12/31/2019	21:35:00	12/31/2019	23:59:00	2.4	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 1	40	Unplanned (Forced) Derating - Immediate	12/19/2019	5:58:00	12/20/2019	14:26:00	32.47	3999	Other miscellaneous balance of plant problems	Steam turbine derated due to the CT 1B forced outage to replace th	172	243

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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(A)	236	Planned Outage	12/2/2019	23:16:00	12/16/2019	0:40:00	313.4	5274	General unit inspection	Planned Fall Outage	N/A	183
BS CT2(A)	237	Reserve Shutdown	12/16/2019	0:40:00	12/16/2019	1:02:00	0.37	N/A	N/A	Reserve Shutdown	N/A	183
BS CT2(A)	238	Unplanned (Forced) Outage - Immediate	12/16/2019	21:33:00	12/17/2019	17:34:00	20.02	4700	Generator voltage control	2A CT Tripped 86GI Lockout Relay	N/A	183
BS CT2(A)	239	Reserve Shutdown	12/17/2019	17:34:00	12/18/2019	9:47:00	16.22	N/A	N/A	Reserve Shutdown	N/A	183
BS CT2(A)	240	Reserve Shutdown	12/20/2019	20:06:00	12/31/2019	23:59:00	267.88	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(B)	211	Reserve Shutdown	12/1/2019	0:00:00	12/1/2019	21:12:00	21.2	N\A	N\A	Reserve Shutdown	N\A	183
BS CT2(B)	212	Planned Outage	12/1/2019	21:12:00	12/16/2019	0:40:00	339.47	5274	General unit inspection	Planned Fall Outage.	N\A	183
BS CT2(B)	213	Reserve Shutdown	12/16/2019	0:40:00	12/16/2019	15:54:00	15.23	N\A	N\A	Reserve Shutdown	N\A	183
BS CT2(B)	214	Reserve Shutdown	12/19/2019	9:57:00	12/19/2019	17:18:00	7.35	N\A	N\A	Reserve Shutdown	N\A	183
BS CT2(B)	215	Reserve Shutdown	12/20/2019	23:15:00	12/31/2019	23:59:00	264.73	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)	19	Planned Outage	12/1/2019	0:00:00	12/20/2019	7:00:00	463	859	Tube external fins/membranes	Replacement of HP evaporator Harps.	N/A	183
BS CT2(C)	20	Reserve Shutdown	12/20/2019	7:00:00	12/20/2019	9:15:00	2:25	N/A	N/A	Reserve Shutdown	N/A	183
BS CT2(C)	21	Reserve Shutdown	12/20/2019	21:59:00	12/31/2019	23:59:00	266	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)	29	Planned Outage	12/1/2019	0:00:00	12/19/2019	9:31:00	441.52	859	Tube external fins/membranes	HP Evaporator Harps replacement.	N/A	183
BS CT2(D)	30	Planned Outage	12/19/2019	11:48:00	12/19/2019	14:01:00	2.22	859	Tube external fins/membranes	Minor adjustments to 2D prior to re-firing the unit.	N/A	183
BS CT2(D)	31	Planned Outage	12/19/2019	16:08:00	12/20/2019	7:00:00	14.87	859	Tube external fins/membranes	Remained off line until 12/20/2019 at 0700. planned outage.	N/A	183
BS CT2(D)	32	Reserve Shutdown	12/20/2019	7:00:00	12/31/2019	23:59:00	280.98	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	31	Maintenance Derating	12/1/2019	0:00:00	12/1/2019	21:12:00	21.2	3999	Other miscellaneous balance of plant problems	ST2 Derated- 2C and 2D Harp Replacements.	151	315
BS ST 2	32	Maintenance Derating	12/1/2019	21:12:00	12/2/2019	22:36:00	25.4	3999	Other miscellaneous balance of plant problems	ST2 Derated - 2B, 2C and 2D in the planned fall outage.	77	315
BS ST 2	33	Planned Outage	12/2/2019	22:36:00	12/16/2019	10:23:00	323.78	3999	Other miscellaneous balance of plant problems	Planned fall outage.	N/A	315
BS ST 2	34	Maintenance Derating	12/16/2019	10:23:00	12/20/2019	7:00:00	92.62	3999	Other miscellaneous balance of plant problems	ST2 Derated - 2C and 2D in planned fall outage.	156	315
BS ST 2	35	Unplanned (Forced) Derating - Immediate	12/16/2019	21:33:00	12/17/2019	17:34:00	20.02	3999	Other miscellaneous balance of plant problems	ST2 Derated - 2A tripped 86 GI lockout relay	236	315
BS ST 2	36	Reserve Shutdown	12/20/2019	23:17:00	12/31/2019	23:59:00	264.7	N/A	N/A	Reserve Shutdown	N/A	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	48	Reserve Shutdown	12/1/2019	0:00:00	12/3/2019	0:27:00	48.45	N/A	N/A		N/A	157
Polk 1	49	Reserve Shutdown	12/5/2019	8:46:00	12/9/2019	4:40:00	91.9	N/A	N/A	Reserve Shutdown	N/A	157
Polk 1	50	Reserve Shutdown	12/14/2019	2:16:00	12/16/2019	0:00:00	45.73	N/A	N/A	Reserve Shutdown	N/A	157
Polk 1	51	Maintenance Outage	12/16/2019	0:00:00	12/21/2019	7:00:00	127	520	Other main steam valves (including vent and d	Maintenance outage to test/repair some safety valves. Also address steam injection sys	N/A	157
Polk 1	52	Reserve Shutdown	12/21/2019	7:00:00	12/31/2019	23:59:00	256.98	N/A	N/A		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	47	Reserve Shutdown	12/1/2019	0:00:00	12/3/2019	1:57:00	49.95	N/A	N/A		N/A	85
Polk 1 ST	48	Reserve Shutdown	12/5/2019	8:43:00	12/9/2019	7:21:00	94.63	N/A	N/A	Reserve Shutdown	N/A	85
Polk 1 ST	49	Reserve Shutdown	12/14/2019	2:10:00	12/16/2019	0:00:00	45.83	N/A	N/A	Reserve Shutdown	N/A	85
Polk 1 ST	50	Maintenance Outage	12/16/2019	0:00:00	12/21/2019	7:00:00	127	3999	Other miscellaneous balance	Polk 1 CT Maintenance outage to test/repair some safety valves. Also address steam inj	N/A	85
Polk 1 ST	51	Reserve Shutdown	12/21/2019	7:00:00	12/31/2019	23:59:00	256.98	N/A	N/A		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	154	Reserve Shutdown	12/1/2019	0:00:00	12/1/2019	12:46:00	12:77	N/A	N/A	Reserve Shutdown	N/A	180
Polk 2	155	Unplanned (Forced) Outage - Immediate	12/3/2019	10:40:00	12/3/2019	11:43:00	1:05	5089	Other high pressure problem: Damper went into simple cycle mode.	Has to restart in combined cycle and merge.	N/A	180
Polk 2	156	Reserve Shutdown	12/16/2019	1:12:00	12/16/2019	13:56:00	12:73	N/A	N/A	Reserve Shutdown	N/A	180
Polk 2	157	Reserve Shutdown	12/22/2019	0:50:00	12/22/2019	16:35:00	15:75	N/A	N/A	Reserve Shutdown	N/A	180
Polk 2	158	Reserve Shutdown	12/24/2019	1:14:00	12/24/2019	8:44:00	7:5	N/A	N/A	Reserve Shutdown	N/A	180
Polk 2	159	Reserve Shutdown	12/26/2019	0:15:00	12/26/2019	8:45:00	8:5	N/A	N/A	Reserve Shutdown	N/A	180
Polk 2	160	Reserve Shutdown	12/28/2019	0:18:00	12/28/2019	9:14:00	8:93	N/A	N/A	Reserve Shutdown	N/A	180
Polk 2	161	Reserve Shutdown	12/31/2019	2:11:00	12/31/2019	12:02:00	9:85	N/A	N/A		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	27	Maintenance Derating	12/3/2019	1:49:00	12/10/2019	5:13:00	171.4	3999	Other miscellaneous balance of plant problems	CT5 Planned cleanup outage including water wash. Other work included: Changed lube	355	480
Polk 2 ST	28	Unplanned (Forced) Derating - Immediate	12/3/2019	10:40:00	12/3/2019	11:43:00	1.05	3999	Other miscellaneous balance of plant problems	CT2 Damper went into simple cycle mode. Had to restart in combined cycle and merge.	355	480
Polk 2 ST	29	Maintenance Derating	12/19/2019	22:58:00	12/21/2019	6:13:00	31.25 N/A	N/A		CT5 Maintenance outage to replace circuit board in fire protection panel.	355	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	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	105	Reserve Shutdown	12/18/2019	0:12:00	12/18/2019	6:52:00	6:67	N\A	N\A	Reserve Shutdown	N\A	180
Polk 3	106	Reserve Shutdown	12/21/2019	0:26:00	12/21/2019	10:02:00	9:6	N\A	N\A	Reserve Shutdown	N\A	180
Polk 3	107	Reserve Shutdown	12/23/2019	0:14:00	12/23/2019	6:53:00	6:65	N\A	N\A	Reserve Shutdown	N\A	180
Polk 3	108	Reserve Shutdown	12/25/2019	2:41:00	12/25/2019	9:15:00	6:57	N\A	N\A	Reserve Shutdown	N\A	180
Polk 3	109	Reserve Shutdown	12/27/2019	1:31:00	12/27/2019	8:57:00	7:43	N\A	N\A	Reserve Shutdown	N\A	180
Polk 3	110	Reserve Shutdown	12/30/2019	0:30:00	12/30/2019	7:50:00	7:33	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	150	Reserve Shutdown	12/16/2019	22:56:00	12/17/2019	7:30:00	8.57	N\A	N\A	Reserve Shutdown	N\A	180
Polk 4	151	Reserve Shutdown	12/21/2019	22:49:00	12/22/2019	7:15:00	8.43	N\A	N\A	Reserve Shutdown	N\A	180
Polk 4	152	Reserve Shutdown	12/23/2019	23:11:00	12/24/2019	6:14:00	7.05	N\A	N\A	Reserve Shutdown	N\A	180
Polk 4	153	Reserve Shutdown	12/25/2019	22:43:00	12/26/2019	5:28:00	6.75	N\A	N\A	Reserve Shutdown	N\A	180
Polk 4	154	Reserve Shutdown	12/29/2019	0:49:00	12/29/2019	8:52:00	8.05	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	97	Planned Outage	12/3/2019	1:49:00	12/10/2019	5:13:00	171.4	5114	Lube oil filters	Planned cleanup outage including water wash. Other work included: Changed lube oil fi	N/A	180
Polk 5	98	Reserve Shutdown	12/14/2019	23:08:00	12/15/2019	6:11:00	7.05	N/A	N/A	Reserve Shutdown	N/A	180
Polk 5	99	Maintenance Outage	12/19/2019	22:58:00	12/21/2019	6:14:00	31.27	N/A	N/A	Maintenance outage to replace circuit board in fire protection panel.	N/A	180
Polk 5	100	Reserve Shutdown	12/22/2019	22:45:00	12/23/2019	5:25:00	6.67	N/A	N/A	Reserve Shutdown	N/A	180
Polk 5	101	Reserve Shutdown	12/24/2019	22:21:00	12/25/2019	6:40:00	8.32	N/A	N/A	Reserve Shutdown	N/A	180
Polk 5	102	Reserve Shutdown	12/26/2019	23:43:00	12/27/2019	5:42:00	5.98	N/A	N/A	Reserve Shutdown	N/A	180
Polk 5	95	Reserve Shutdown	12/31/2019	0:03:00	12/31/2019	10:21:00	10.3	N/A	N/A		N/A	180