



Matthew R. Bernier
ASSOCIATE GENERAL COUNSEL

July 17, 2019

VIA ELECTRONIC FILING

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

Re: *Performance Data Report for June 2019*
Docket No. 20190001-EI

Dear Mr. Teitzman:

Attached for electronic filing in the above-referenced Docket is Duke Energy Florida, LLC's Performance Data Report for June 2019.

Thank you for your assistance in this matter. Please feel free to call me at (850) 521-1428 should you have any questions concerning this filing.

Sincerely,

/s/ Matthew R. Bernier

Matthew R. Bernier

MRB/cm
Attachment

cc: Director, Division of Engineering, FPSC

CERTIFICATE OF SERVICE

Docket No. 20190001-EI

I HEREBY CERTIFY that a true copy of the above-mentioned document has been furnished to the following individuals via e-mail on this 17th day of July, 2019.

/s/ Matthew R. Bernier

Attorney

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Duke Energy Florida

ACTUAL UNIT PERFORMANCE DATA -- YEAR 2019

Bartow CC	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Jan - Jun Period
1. EAF	98.52	97.86	62.26	85.22	96.60	99.79							89.89
2. PH	744	672	743	720	744	720							4,343
3. SH	603.9	593.9	485.5	612.3	712.0	695.1							3,702.7
4. RSH	129.0	65.0	8.7	1.3	12.5	24.9							241.4
5. UH	11.0	13.1	248.8	106.4	19.6	0.0							398.8
6. POH	0.0	0.0	133.5	70.6	0.0	0.0							204.0
7. FOH	8.5	13.1	0.0	14.1	9.1	0.0							44.8
8. MOH	2.5	0.0	115.4	21.7	10.5	0.0							150.1
9. PPOH	0.0	0.0	0.0	0.0	0.0	0.0							0.0
10. LR PP (MW)	0.0	0.0	0.0	0.0	0.0	0.0							0.0
11. PFOH	0.0	21.6	0.0	0.0	15.4	24.8							61.8
12. LR PF (MW)	0.0	67.0	0.0	0.0	187.0	67.0							96.8
13. PMOH	0.0	0.0	182.7	0.0	17.8	0.0							200.5
14. LR PM (MW)	0.0	0.0	187.0	0.0	187.0	0.0							187.0
15. NSC (MW)	1080	1080	1080	1080	1080	1080							1080
16. OPER MBTU	3,968,623	3,524,794	2,757,930	3,820,788	4,860,440	4,828,905							23,761,481
17. NET GEN (MWH)	519,987	458,412	365,538	483,493	640,960	630,820							3,099,210
18. ANOHR (BTU/KWH)	7,632.2	7,689.1	7,544.9	7,902.5	7,583.1	7,655.0							7,666.9
19. NOF (%)	79.72	71.47	69.72	73.11	83.36	84.03							77.50
20. NPC (MW)	1080	1080	1080	1080	1080	1080							1080

Duke Energy Florida

ACTUAL UNIT PERFORMANCE DATA -- YEAR 2019

CRYSTAL RIVER 4	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Jan - Jun Period
1. EAF	95.90	98.58	99.85	99.10	99.94	98.66							98.67
2. PH	744	672	743	720	744	720							4,343
3. SH	249.0	85.3	743.0	720.0	744.0	720.0							3,261.3
4. RSH	465.5	582.4	0.0	0.0	0.0	0.0							1,047.9
5. UH	29.6	4.2	0.0	0.0	0.0	0.0							33.8
6. POH	0.0	4.2	0.0	0.0	0.0	0.0							4.2
7. FOH	29.6	0.0	0.0	0.0	0.0	0.0							29.6
8. MOH	0.0	0.0	0.0	0.0	0.0	0.0							0.0
9. PPOH	0.0	6.7	8.5	39.6	0.0	0.0							54.7
10. LR PP (MW)	0.0	93.0	93.0	108.4	0.0	0.0							104.1
11. PFOH	2.2	2.9	0.0	1.7	0.0	70.0							76.8
12. LR PF (MW)	284.4	93.0	0.0	188.0	0.0	98.2							105.3
13. PMOH	0.0	31.0	0.0	0.0	3.3	0.0							34.3
14. LR PM (MW)	0.0	93.0	0.0	0.0	93.1	0.0							93.0
15. NSC (MW)	712	712	712	712	712	712							712
16. OPER MBTU	917,440	391,844	3,216,166	3,273,475	3,558,000	3,435,077							14,792,002
17. NET GEN (MWH)	82,152	31,051	323,578	318,328	344,212	326,986							1,426,307
18. ANOHR (BTU/KWH)	11,167.6	12,619.4	9,939.4	10,283.3	10,336.7	10,505.3							10,370.8
19. NOF (%)	46.35	51.11	61.17	62.10	64.98	63.78							61.42
20. NPC (MW)	712	712	712	712	712	712							712

Duke Energy Florida

ACTUAL UNIT PERFORMANCE DATA -- YEAR 2019

CRYSTAL RIVER 5	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Jan - Jun Period
1. EAF	99.93	78.57	0.00	0.00	0.05	55.90							38.55
2. PH	744	672	743	720	744	720							4,343
3. SH	547.7	0.0	0.0	0.0	0.0	450.0							997.7
4. RSH	196.3	528.0	0.0	0.0	0.0	0.0							724.3
5. UH	0.0	144.0	743.0	720.0	743.6	270.0							2,620.6
6. POH	0.0	144.0	743.0	720.0	311.0	3.3							1,921.3
7. FOH	0.0	0.0	0.0	0.0	432.6	266.7							699.3
8. MOH	0.0	0.0	0.0	0.0	0.0	0.0							0.0
9. PPOH	0.0	0.0	0.0	0.0	0.0	0.0							0.0
10. LR PP (MW)	0.0	0.0	0.0	0.0	0.0	0.0							0.0
11. PFOH	1.0	0.0	0.0	0.0	0.0	355.3							356.3
12. LR PF (MW)	377.0	0.0	0.0	0.0	0.0	95.0							95.8
13. PMOH	0.0	0.0	0.0	0.0	0.0	0.0							0.0
14. LR PM (MW)	0.0	0.0	0.0	0.0	0.0	0.0							0.0
15. NSC (MW)	710	710	710	710	710	710							710
16. OPER MBTU	2,006,569	0	0	0	13,291	1,663,716							3,683,576
17. NET GEN (MWH)	185,022	0	0	0	0	148,500							333,522
18. ANOHR (BTU/KWH)	10,845.0	0.0	0.0	0.0	0.0	11,203.5							11,044.5
19. NOF (%)	47.58	0.00	0.00	0.00	0.00	46.48							47.08
20. NPC (MW)	710	710	710	710	710	710							710

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ACTUAL UNIT PERFORMANCE DATA -- YEAR 2019

HINES Power Block 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	Jan - Jun Period
1. EAF	47.59	89.85	98.58	39.42	76.10	99.20							74.94
2. PH	744	672	743	720	744	720							4,343
3. SH	356.2	588.3	669.0	260.0	562.9	555.8							2,992.2
4. RSH	25.7	17.4	66.4	28.5	5.0	164.2							307.3
5. UH	362.1	66.2	7.6	431.5	176.1	0.0							1,043.6
6. POH	0.0	0.0	0.0	391.9	158.6	0.0							550.6
7. FOH	6.7	0.0	7.6	39.6	5.8	0.0							59.7
8. MOH	355.4	66.2	0.0	0.0	11.8	0.0							433.3
9. PPOH	0.0	0.0	12.1	0.0	10.6	0.0							22.7
10. LR PP (MW)	0.0	0.0	68.1	0.0	50.6	0.0							59.9
11. PFOH	166.5	12.0	7.3	26.3	5.4	69.3							286.7
12. LR PF (MW)	82.0	82.0	85.1	78.4	51.3	41.0							71.3
13. PMOH	0.0	0.0	0.0	2.7	0.0	0.0							2.7
14. LR PM (MW)	0.0	0.0	0.0	78.1	0.0	0.0							78.1
15. NSC (MW)	490	490	490	490	490	490							490
16. OPER MBTU	872,136	1,738,925	1,939,335	666,151	1,699,555	1,636,821							8,552,922
17. NET GEN (MWH)	114,118	234,944	260,779	88,049	226,948	220,581							1,145,419
18. ANOHR (BTU/KWH)	7,642.4	7,401.4	7,436.7	7,565.7	7,488.7	7,420.5							7,467.1
19. NOF (%)	65.39	81.50	79.55	69.13	82.29	80.99							78.12
20. NPC (MW)	490	490	490	490	490	490							490

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ACTUAL UNIT PERFORMANCE DATA -- YEAR 2019

HINES Power Block 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	Jan - Jun Period
1. EAF	99.35	99.93	99.06	100.00	99.98	99.86							99.69
2. PH	744	672	743	720	744	720							4,343
3. SH	522.1	594.2	262.4	703.8	741.6	693.4							3,517.4
4. RSH	217.0	77.8	473.6	16.2	2.4	26.6							813.7
5. UH	4.8	0.0	7.0	0.0	0.0	0.0							11.8
6. POH	0.0	0.0	0.0	0.0	0.0	0.0							0.0
7. FOH	4.8	0.0	0.0	0.0	0.0	0.0							4.8
8. MOH	0.0	0.0	7.0	0.0	0.0	0.0							7.0
9. PPOH	0.0	4.5	0.0	0.0	1.5	4.0							10.0
10. LR PP (MW)	0.0	51.1	0.0	0.0	56.4	126.0							81.9
11. PFOH	0.0	0.0	0.0	0.0	0.0	0.0							0.0
12. LR PF (MW)	0.0	0.0	0.0	0.0	0.0	0.0							0.0
13. PMOH	0.0	0.0	0.0	0.0	0.0	0.0							0.0
14. LR PM (MW)	0.0	0.0	0.0	0.0	0.0	0.0							0.0
15. NSC (MW)	512	512	512	512	512	512							512
16. OPER MBTU	1,575,600	1,841,414	767,331	2,404,824	2,515,630	2,265,725							11,370,524
17. NET GEN (MWH)	216,465	250,392	94,594	326,935	338,507	305,167							1,532,060
18. ANOHR (BTU/KWH)	7,278.8	7,354.1	8,111.8	7,355.7	7,431.5	7,424.5							7,421.7
19. NOF (%)	80.97	82.31	70.40	90.73	89.15	85.96							85.07
20. NPC (MW)	512	512	512	512	512	512							512

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ACTUAL UNIT PERFORMANCE DATA -- YEAR 2019

HINES Power Block 3	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Jan - Jun Period
1. EAF	99.51	100.00	99.99	95.45	99.92	99.68							99.09
2. PH	744	672	743	720	744	720							4,343
3. SH	700.1	638.3	343.6	606.6	744.0	604.2							3,636.8
4. RSH	40.7	33.7	399.4	86.5	0.0	115.9							676.1
5. UH	3.2	0.0	0.0	26.9	0.0	0.0							30.1
6. POH	0.0	0.0	0.0	0.0	0.0	0.0							0.0
7. FOH	3.2	0.0	0.0	23.9	0.0	0.0							27.1
8. MOH	0.0	0.0	0.0	3.0	0.0	0.0							3.0
9. PPOH	0.0	0.0	1.0	18.8	5.8	8.0							33.7
10. LR PP (MW)	0.0	0.0	52.2	54.8	55.0	127.3							72.0
11. PFOH	3.3	0.0	0.0	24.5	0.0	3.7							31.5
12. LR PF (MW)	75.3	0.0	0.0	80.4	0.0	49.6							76.3
13. PMOH	0.0	0.0	0.0	0.0	0.0	0.0							0.0
14. LR PM (MW)	0.0	0.0	0.0	0.0	0.0	0.0							0.0
15. NSC (MW)	516	516	516	516	516	516							516
16. OPER MBTU	2,287,431	1,840,031	1,054,849	1,858,493	2,424,687	1,893,691							11,359,182
17. NET GEN (MWH)	308,437	251,190	147,150	263,134	337,696	262,628							1,570,235
18. ANOHR (BTU/KWH)	7,416.2	7,325.3	7,168.5	7,062.9	7,180.1	7,210.5							7,234.1
19. NOF (%)	85.38	76.26	82.99	84.07	87.96	84.25							83.68
20. NPC (MW)	516	516	516	516	516	516							516

Duke Energy Florida

ACTUAL UNIT PERFORMANCE DATA -- YEAR 2019

HINES Power Block 4	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Jan - Jun Period
1. EAF	99.64	99.77	98.79	99.78	99.60	100.00							99.59
2. PH	744	672	743	720	744	720							4,343
3. SH	677.2	637.2	680.2	678.2	738.9	603.6							4,015.4
4. RSH	64.8	33.4	62.8	41.8	2.9	116.4							322.1
5. UH	2.0	1.4	0.0	0.0	2.2	0.0							5.6
6. POH	0.0	0.0	0.0	0.0	0.0	0.0							0.0
7. FOH	2.0	1.4	0.0	0.0	2.2	0.0							5.6
8. MOH	0.0	0.0	0.0	0.0	0.0	0.0							0.0
9. PPOH	5.5	0.0	202.9	39.8	5.1	0.0							253.3
10. LR PP (MW)	62.4	0.0	21.2	21.0	59.3	0.0							22.8
11. PFOH	0.0	0.0	8.5	0.0	2.1	0.0							10.6
12. LR PF (MW)	0.0	0.0	38.7	0.0	55.1	0.0							42.0
13. PMOH	0.0	1.3	0.0	0.0	0.0	0.0							1.3
14. LR PM (MW)	0.0	78.1	0.0	0.0	0.0	0.0							78.1
15. NSC (MW)	516	516	516	516	516	516							516
16. OPER MBTU	2,212,083	1,913,058	2,029,918	2,065,703	2,421,807	1,882,729							12,525,299
17. NET GEN (MWH)	319,434	276,729	292,615	303,025	342,323	266,653							1,800,779
18. ANOHR (BTU/KWH)	6,925.0	6,913.1	6,937.2	6,816.9	7,074.6	7,060.6							6,955.5
19. NOF (%)	91.42	84.16	83.37	86.59	89.78	85.61							86.91
20. NPC (MW)	516	516	516	516	516	516							516