



Matthew R. Bernier
ASSOCIATE GENERAL COUNSEL

April 28, 2021

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 February 2021 (Corrected) and March 2021*
Docket No. 20210001-EI

Dear Mr. Teitzman:

Attached for electronic filing in the above-referenced Docket is Duke Energy Florida, LLC's (DEF) corrected Performance Data Report for February 2021. The attached report corrects omissions of certain event types from the unit performance data and calculated results on pages 1 through 7 for Bartow CC, Hines Power Block 1, and Hines Power Block 3. The unit events, dates, outage type classification, and hours previously reported on pages 8 through 14 were correct, but the data did not flow through correctly to the unit performance data on pages 1 through 7.

Also attached for electronic filing in the above-reference Docket is DEF's Performance Data Report for March 2021.

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/cmck
Attachments

cc: Director, Division of Engineering, FPSC

CERTIFICATE OF SERVICE

Docket No. 20210001-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 28th day of April, 2021.

/s/ Matthew R. Bernier

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DUKE ENERGY FLORIDA, LLC'S
PERFORMANCE DATA REPORT
FOR FEBRUARY 2021 (corrected)

Dkt. 20210001-EI

Duke Energy Florida

ACTUAL UNIT PERFORMANCE DATA -- YEAR 2021

Bartow CC	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Jan - Feb Period
1. EAF	76.62	75.31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	76.00
2. PH	744	672	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1,416
3. SH	491.2	468.1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	959.3
4. RSH	80.7	40.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	120.7
5. UH	172.1	164.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	336.1
6. POH	0.0	0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0
7. FOH	172.1	115.3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	287.4
8. MOH	0.0	48.7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	48.7
9. PPOH	0.0	0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0
10. LR PP (MW)	0.0	0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0
11. PFOH	165.7	223.6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	389.3
12. LR PF (MW)	13.0	10.2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.4
13. PMOH	0.0	0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0
14. LR PM (MW)	0.0	0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0
15. NSC (MW)	1169	1169	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1169
16. OPER MBTU	3,009,582	3,248,573	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6,258,155
17. NET GEN (MWH)	371,666	405,079	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	776,745
18. ANOHR (BTU/KWH)	8,097.5	8,019.6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8,056.9
19. NOF (%)	64.72	74.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	69.27
20. NPC (MW)	1169	1169	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1169

Duke Energy Florida

ACTUAL UNIT PERFORMANCE DATA -- YEAR 2021

CRYSTAL RIVER 4	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Jan - Feb Period
1. EAF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2. PH	744	672	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1,416
3. SH	0.0	0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0
4. RSH	0.0	0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0
5. UH	744.0	672.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1,416.0
6. POH	0.0	0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0
7. FOH	744.0	672.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1,416.0
8. MOH	0.0	0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0
9. PPOH	0.0	0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0
10. LR PP (MW)	0.0	0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0
11. PFOH	0.0	0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0
12. LR PF (MW)	0.0	0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0
13. PMOH	0.0	0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0
14. LR PM (MW)	0.0	0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0
15. NSC (MW)	712	712	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	712
16. OPER MBTU	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0
17. NET GEN (MWH)	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0
18. ANOHR (BTU/KWH)	0.0	0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0
19. NOF (%)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20. NPC (MW)	712	712	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	712

Duke Energy Florida

ACTUAL UNIT PERFORMANCE DATA -- YEAR 2021

CRYSTAL RIVER 5	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Jan - Feb Period
1. EAF	94.97	93.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	94.42
2. PH	744	672	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1,416
3. SH	615.0	664.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1,279.0
4. RSH	105.0	0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	105.0
5. UH	24.0	8.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	32.0
6. POH	0.0	0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0
7. FOH	24.0	8.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	32.0
8. MOH	0.0	0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0
9. PPOH	0.0	31.7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	31.7
10. LR PP (MW)	0.0	298.2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	298.2
11. PFOH	33.8	61.6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	95.3
12. LR PF (MW)	282.0	216.4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	239.6
13. PMOH	0.0	11.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.0
14. LR PM (MW)	0.0	101.8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	101.8
15. NSC (MW)	710	710	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	710
16. OPER MBTU	2,554,184	3,923,300	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6,477,484
17. NET GEN (MWH)	243,139	409,436	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	652,575
18. ANOHR (BTU/KWH)	10,505.0	9,582.2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9,926.0
19. NOF (%)	55.68	86.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	71.86
20. NPC (MW)	710	710	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	710

Duke Energy Florida

ACTUAL UNIT PERFORMANCE DATA -- YEAR 2021

HINES Power Block 1	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Jan - Feb Period
1. EAF	98.70	86.94	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	93.12
2. PH	744	672	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1,416
3. SH	734.3	514.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1,248.9
4. RSH	0.0	70.7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	70.7
5. UH	9.7	86.7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	96.4
6. POH	0.0	0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0
7. FOH	9.7	86.7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	96.4
8. MOH	0.0	0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0
9. PPOH	0.0	0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0
10. LR PP (MW)	0.0	0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0
11. PFOH	0.0	6.2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.2
12. LR PF (MW)	0.0	78.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	78.0
13. PMOH	0.0	0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0
14. LR PM (MW)	0.0	0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0
15. NSC (MW)	490	490	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	490
16. OPER MBTU	2,447,182	1,470,073	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3,917,255
17. NET GEN (MWH)	337,478	194,896	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	532,374
18. ANOHR (BTU/KWH)	7,251.4	7,542.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7,358.1
19. NOF (%)	93.79	77.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	87.00
20. NPC (MW)	490	490	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	490

Duke Energy Florida

ACTUAL UNIT PERFORMANCE DATA -- YEAR 2021

HINES Power Block 2	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Jan - Feb Period
1. EAF	100.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00
2. PH	744	672	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1,416
3. SH	608.3	621.7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1,230.0
4. RSH	135.7	50.3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	186.0
5. UH	0.0	0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0
6. POH	0.0	0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0
7. FOH	0.0	0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0
8. MOH	0.0	0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0
9. PPOH	0.0	0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0
10. LR PP (MW)	0.0	0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0
11. PFOH	0.0	0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0
12. LR PF (MW)	0.0	0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0
13. PMOH	0.0	0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0
14. LR PM (MW)	0.0	0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0
15. NSC (MW)	524	524	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	524
16. OPER MBTU	1,766,001	1,898,055	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3,664,056
17. NET GEN (MWH)	235,715	249,585	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	485,300
18. ANOHR (BTU/KWH)	7,492.1	7,604.8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7,550.1
19. NOF (%)	73.95	76.61	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	75.30
20. NPC (MW)	524	524	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	524

Duke Energy Florida

ACTUAL UNIT PERFORMANCE DATA -- YEAR 2021

HINES Power Block 3	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Jan - Feb Period
1. EAF	97.33	42.86	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	71.48
2. PH	744	672	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1,416
3. SH	360.5	68.6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	429.2
4. RSH	363.6	219.4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	583.0
5. UH	19.9	384.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	403.9
6. POH	0.0	384.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	384.0
7. FOH	19.9	0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	19.9
8. MOH	0.0	0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0
9. PPOH	0.0	0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0
10. LR PP (MW)	0.0	0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0
11. PFOH	0.0	0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0
12. LR PF (MW)	0.0	0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0
13. PMOH	0.0	0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0
14. LR PM (MW)	0.0	0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0
15. NSC (MW)	521	521	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	521
16. OPER MBTU	942,240	191,425	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1,133,665
17. NET GEN (MWH)	132,532	25,683	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	158,215
18. ANOHR (BTU/KWH)	7,109.5	7,453.4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7,165.3
19. NOF (%)	70.56	71.83	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	70.76
20. NPC (MW)	521	521	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	521

Duke Energy Florida

ACTUAL UNIT PERFORMANCE DATA -- YEAR 2021

HINES Power Block 4	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Jan - Feb Period
1. EAF	100.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00
2. PH	744	672	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1,416
3. SH	247.5	657.2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	904.7
4. RSH	496.5	14.8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	511.3
5. UH	0.0	0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0
6. POH	0.0	0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0
7. FOH	0.0	0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0
8. MOH	0.0	0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0
9. PPOH	0.0	0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0
10. LR PP (MW)	0.0	0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0
11. PFOH	0.0	0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0
12. LR PF (MW)	0.0	0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0
13. PMOH	0.0	0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0
14. LR PM (MW)	0.0	0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0
15. NSC (MW)	519	519	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	519
16. OPER MBTU	667,789	2,091,981	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2,759,770
17. NET GEN (MWH)	96,627	297,969	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	394,596
18. ANOHR (BTU/KWH)	6,911.0	7,020.8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6,993.9
19. NOF (%)	75.24	87.36	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	84.04
20. NPC (MW)	519	519	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	519

Duke Energy Florida

ACTUAL UNIT EVENT DATA -- January - February 2021

Bartow CC

Unit	Date	Outage Type	Hours	MW Affected	Description
BCC 4A	1/11/2021	FFO	1169.85	185.0	GENERATOR ROTOR WINDINGS
BCC 4C	1/1/2021	FFO	139.63	187.0	OTHER FUEL QUALITY PROBLEMS (OMC)
BCC 4C	1/11/2021	FFO	0.42	187.0	HEAT RECOVERY STEAM GENERATOR TO GAS TURBINE CON..
BCC 4D	1/1/2021	FFO	161.23	186.0	OTHER FUEL QUALITY PROBLEMS (OMC)
BCC 4D	1/16/2021	FFO	0.62	186.0	OPERATOR ERROR
BCC 4S	1/5/2021	FFO	113.47	339.0	TURBINE - MISCELLANEOUS TURBINE PIPING
BCC 4S	1/11/2021	PFO	1169.85	11.4	GENERATOR ROTOR WINDINGS
BCC 4S	2/22/2021	FMO	142.85	339.0	TURBINE - MISCELLANEOUS TURBINE PIPING

Duke Energy Florida

ACTUAL UNIT EVENT DATA -- January - February 2021

Crystal River 4

Date	Outage Type	Hours	MW Affected	Description
1/1/2021	FFO	1416.00	712.0	ROTOR; GENERAL

Duke Energy Florida

ACTUAL UNIT EVENT DATA -- January - February 2021

Crystal River 5

Date	Outage Type	Hours	MW Affected	Description
1/5/2021	FFO	24.00	710.0	DC PROTECTION DEVICES
1/18/2021	PFO	33.75	282.0	CONDENSATE/HOTWELL PUMPS
2/2/2021	PFO	1.50	109.8	PULVERIZER FEEDERS
2/4/2021	PMO	8.00	110.0	PULVERIZER FEEDERS
2/7/2021	PFO	27.47	72.0	HEATER DRAIN PUMPS
2/10/2021	PMO	3.00	80.0	LOW PRESSURE HEATER - OTHER
2/15/2021	PFO	0.58	25.6	SERVICE AIR VALVES
2/16/2021	FFO	8.00	710.0	OTHER MISCELLANEOUS STEAM TURBINE PROBLEMS
2/17/2021	PFO	8.00	510.0	FEEDWATER PUMP/DRIVE LUBE OIL SYSTEM
2/17/2021	PFO	4.00	370.1	FEEDWATER PUMP/DRIVE LUBE OIL SYSTEM
2/17/2021	PFO	18.00	300.0	FEEDWATER PUMP/DRIVE LUBE OIL SYSTEM
2/19/2021	PPO	9.50	25.0	MISCELLANEOUS REGULATORY
2/21/2021	PFO	2.00	100.1	PULVERIZER MILLS
2/24/2021	PPO	9.23	415.0	MISCELLANEOUS REGULATORY
2/25/2021	PPO	12.98	415.0	MISCELLANEOUS REGULATORY

Duke Energy Florida

ACTUAL UNIT EVENT DATA -- January - February 2021

Hines Power Block 1

Unit	Date	Outage Type	Hours	MW Affected	Description
HEP 1A	1/31/2021	FFO	70.50	163.0	OTHER MISCELLANEOUS BALANCE OF PLANT PROBLEMS
HEP 1A	2/4/2021	FFO	30.37	163.0	SWITCHYARD SYSTEM PROTECTION DEVICES
HEP 1A	2/13/2021	FFO	35.00	163.0	OTHER MISCELLANEOUS BALANCE OF PLANT PROBLEMS
HEP 1A	2/16/2021	FFO	19.33	163.0	GAS TURBINE - FIRE DETECTION AND EXTINGUISHING SYS
HEP 1A	2/22/2021	FFO	35.70	163.0	OTHER EXCITER PROBLEMS
HEP 1B	1/31/2021	FFO	22.22	169.0	GAS TURBINE - CONTROLS AND INSTRUMENTS
HEP 1B	2/2/2021	FFO	3.42	169.0	OTHER MISCELLANEOUS CONDENSING SYSTEM PROBLEMS
HEP 1B	2/13/2021	FFO	9.47	169.0	OTHER MISCELLANEOUS BALANCE OF PLANT PROBLEMS
HEP ST1	1/31/2021	FFO	46.38	158.0	GAS TURBINE - CONTROLS AND INSTRUMENTS
HEP ST1	2/12/2021	FFO	6.47	158.0	EMERGENCY GENERATOR TRIP DEVICES
HEP ST1	2/13/2021	FFO	11.67	158.0	GENERATOR SYNCHRONIZATION EQUIPMENT
HEP ST1	2/16/2021	PFO	19.33	78.0	GAS TURBINE - FIRE DETECTION AND EXTINGUISHING SYS

Duke Energy Florida

ACTUAL UNIT EVENT DATA -- January - February 2021

Hines Power Block 2

Unit	Date	Outage Type	Hours	MW Affected	Description

Duke Energy Florida

ACTUAL UNIT EVENT DATA -- January - February 2021

Hines Power Block 3

Unit	Date	Outage Type	Hours	MW Affected	Description
HEP 3A	1/10/2021	FFO	14.50	173.3	FEEDWATER PUMP
HEP 3A	1/25/2021	FFO	0.55	173.3	BLADE PATH TEMPERATURE SPREAD
HEP 3A	1/25/2021	FFO	44.48	173.3	BLADE PATH TEMPERATURE SPREAD
HEP 3A	2/13/2021	PO	384.00	173.3	GENERAL GAS TURBINE UNIT INSPECTION
HEP 3B	2/13/2021	PO	384.00	173.3	GENERAL GAS TURBINE UNIT INSPECTION
HEP ST3	2/13/2021	PO	384.00	169.3	INSPECTION

Duke Energy Florida

ACTUAL UNIT EVENT DATA -- January - February 2021

Hines Power Block 4

Unit	Date	Outage Type	Hours	MW Affected	Description

DUKE ENERGY FLORIDA, LLC'S
PERFORMANCE DATA REPORT
FOR MARCH 2021

Dkt. 20210001-EI

Duke Energy Florida

ACTUAL UNIT PERFORMANCE DATA -- YEAR 2021

Bartow CC	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Jan - Mar Period
1. EAF	76.62	75.95	82.95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	78.23
2. PH	744	672	743.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2,159
3. SH	491.2	468.1	606.84	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1,566.1
4. RSH	80.7	44.3	12.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	137.2
5. UH	172.1	159.6	123.94	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	455.7
6. POH	0.0	0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0
7. FOH	172.1	112.1	123.94	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	408.1
8. MOH	0.0	48.7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	48.7
9. PPOH	0.0	0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0
10. LR PP (MW)	0.0	0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0
11. PFOH	165.7	223.6	247.24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	636.5
12. LR PF (MW)	13.0	10.2	13.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12.0
13. PMOH	0.0	0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0
14. LR PM (MW)	0.0	0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0
15. NSC (MW)	1169	1169	1169.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1169
16. OPER MBTU	3,009,582	3,248,573	4,027,767	0	0	0	0	0	0	0	0	0	10,285,922
17. NET GEN (MWH)	371,666	405,079	545,492	0	0	0	0	0	0	0	0	0	1,322,237
18. ANOHR (BTU/KWH)	8,097.5	8,019.6	7,384	0	0	0	0	0	0	0	0	0	7,779
19. NOF (%)	58.98	74.03	76.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	70.08
20. NPC (MW)	1169	1169	1169.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1169

Duke Energy Florida

ACTUAL UNIT PERFORMANCE DATA -- YEAR 2021

CRYSTAL RIVER 4	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Jan - Mar Period
1. EAF	0.00	0.00	13.64	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.70
2. PH	744	672	743.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2,159
3. SH	0.0	0.0	137.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	137.6
4. RSH	0.0	0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0
5. UH	744.0	672.0	605.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2,021.4
6. POH	0.0	0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0
7. FOH	744.0	672.0	605.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2,021.4
8. MOH	0.0	0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0
9. PPOH	0.0	0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0
10. LR PP (MW)	0.0	0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0
11. PFOH	0.0	0.0	72.93	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	72.9
12. LR PF (MW)	0.0	0.0	353.73	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	353.7
13. PMOH	0.0	0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0
14. LR PM (MW)	0.0	0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0
15. NSC (MW)	712	712	712.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	712
16. OPER MBTU	0	0	529,940	0	0	0	0	0	0	0	0	0	529,940
17. NET GEN (MWH)	0	0	41,724	0	0	0	0	0	0	0	0	0	41,724
18. ANOHR (BTU/KWH)	0.0	0.0	12,701	0	0	0	0	0	0	0	0	0	12,701
19. NOF (%)	0.00	0.00	42.59	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	42.59
20. NPC (MW)	712	712	712.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	712

Duke Energy Florida

ACTUAL UNIT PERFORMANCE DATA -- YEAR 2021

CRYSTAL RIVER 5	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Jan - Mar Period
1. EAF	94.97	93.80	98.56	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	95.84
2. PH	744	672	743.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2,159
3. SH	615.0	664.0	743.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2,022.0
4. RSH	105.0	0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	105.0
5. UH	24.0	8.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	32.0
6. POH	0.0	0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0
7. FOH	24.0	8.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	32.0
8. MOH	0.0	0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0
9. PPOH	0.0	31.7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	31.7
10. LR PP (MW)	0.0	298.2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	298.2
11. PFOH	33.8	61.6	24.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	120.2
12. LR PF (MW)	282.0	216.4	305.99	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	253.4
13. PMOH	0.0	11.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.0
14. LR PM (MW)	0.0	101.8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	101.8
15. NSC (MW)	710	710	710.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	710
16. OPER MBTU	2,554,184	3,923,300	3,466,343	0	0	0	0	0	0	0	0	0	9,943,826
17. NET GEN (MWH)	243,139	409,436	341,957	0	0	0	0	0	0	0	0	0	994,532
18. ANOHR (BTU/KWH)	10,505.0	9,582.2	10,137	0	0	0	0	0	0	0	0	0	9,998
19. NOF (%)	55.68	86.85	64.82	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	69.27
20. NPC (MW)	710	710	710.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	710

Duke Energy Florida

ACTUAL UNIT PERFORMANCE DATA -- YEAR 2021

HINES Power Block 1	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Jan - Mar Period
1. EAF	98.70	86.94	100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	95.49
2. PH	744	672	743.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2,159
3. SH	734.3	514.5	743.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1,991.9
4. RSH	0.0	70.7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	70.7
5. UH	9.7	86.7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	96.4
6. POH	0.0	0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0
7. FOH	9.7	86.7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	96.4
8. MOH	0.0	0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0
9. PPOH	0.0	0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0
10. LR PP (MW)	0.0	0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0
11. PFOH	0.0	6.2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.2
12. LR PF (MW)	0.0	78.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	78.0
13. PMOH	0.0	0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0
14. LR PM (MW)	0.0	0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0
15. NSC (MW)	490	490	490.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	490
16. OPER MBTU	2,447,182	1,470,073	2,348,431	0	0	0	0	0	0	0	0	0	6,265,686
17. NET GEN (MWH)	337,478	194,896	325,063	0	0	0	0	0	0	0	0	0	857,437
18. ANOHR (BTU/KWH)	7,251.4	7,542.9	7,225	0	0	0	0	0	0	0	0	0	7,307
19. NOF (%)	93.79	77.30	89.29	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	87.85
20. NPC (MW)	490	490	490.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	490

Duke Energy Florida

ACTUAL UNIT PERFORMANCE DATA -- YEAR 2021

HINES Power Block 2	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Jan - Mar Period
1. EAF	100.00	100.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00
2. PH	744	672	743.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2,159
3. SH	608.3	621.7	537.55	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1,767.6
4. RSH	135.7	50.3	205.45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	391.5
5. UH	0.0	0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0
6. POH	0.0	0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0
7. FOH	0.0	0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0
8. MOH	0.0	0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0
9. PPOH	0.0	0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0
10. LR PP (MW)	0.0	0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0
11. PFOH	0.0	0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0
12. LR PF (MW)	0.0	0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0
13. PMOH	0.0	0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0
14. LR PM (MW)	0.0	0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0
15. NSC (MW)	524	524	524.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	524
16. OPER MBTU	1,766,001	1,898,055	1,653,661	0	0	0	0	0	0	0	0	0	5,317,717
17. NET GEN (MWH)	235,715	249,585	220,637	0	0	0	0	0	0	0	0	0	705,937
18. ANOHR (BTU/KWH)	7,492.1	7,604.8	7,495	0	0	0	0	0	0	0	0	0	7,533
19. NOF (%)	73.95	76.61	78.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	76.22
20. NPC (MW)	524	524	524.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	524

Duke Energy Florida

ACTUAL UNIT PERFORMANCE DATA -- YEAR 2021

HINES Power Block 3	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Jan - Mar Period
1. EAF	97.33	42.86	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	46.88
2. PH	744	672	743.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2,159
3. SH	360.5	68.6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	429.2
4. RSH	363.6	219.4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	583.0
5. UH	19.9	384.0	743.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1,146.9
6. POH	0.0	384.0	743.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1,127.0
7. FOH	19.9	0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	19.9
8. MOH	0.0	0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0
9. PPOH	0.0	0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0
10. LR PP (MW)	0.0	0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0
11. PFOH	0.0	0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0
12. LR PF (MW)	0.0	0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0
13. PMOH	0.0	0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0
14. LR PM (MW)	0.0	0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0
15. NSC (MW)	521	521	521.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	521
16. OPER MBTU	942,240	191,425	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1,133,665
17. NET GEN (MWH)	132,532	25,683	0	0	0	0	0	0	0	0	0	0	158,215
18. ANOHR (BTU/KWH)	7,109.5	7,453.4	0	0	0	0	0	0	0	0	0	0	7,165
19. NOF (%)	70.56	71.83	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	70.76
20. NPC (MW)	521	521	521.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	521

Duke Energy Florida

ACTUAL UNIT PERFORMANCE DATA -- YEAR 2021

HINES Power Block 4	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Jan - Mar Period
1. EAF	100.00	100.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00
2. PH	744	672	743.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2,159
3. SH	247.5	657.2	730.86	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1,635.5
4. RSH	496.5	14.8	12.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	523.5
5. UH	0.0	0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0
6. POH	0.0	0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0
7. FOH	0.0	0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0
8. MOH	0.0	0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0
9. PPOH	0.0	0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0
10. LR PP (MW)	0.0	0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0
11. PFOH	0.0	0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0
12. LR PF (MW)	0.0	0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0
13. PMOH	0.0	0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0
14. LR PM (MW)	0.0	0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0
15. NSC (MW)	519	519	519.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	519
16. OPER MBTU	667,789	2,091,981	2,329,866	0	0	0	0	0	0	0	0	0	5,089,636
17. NET GEN (MWH)	96,627	297,969	331,999	0	0	0	0	0	0	0	0	0	726,595
18. ANOHR (BTU/KWH)	6,911.0	7,020.8	7,018	0	0	0	0	0	0	0	0	0	7,005
19. NOF (%)	75.24	87.36	87.53	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	85.60
20. NPC (MW)	519	519	519.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	519

Duke Energy Florida

ACTUAL UNIT EVENT DATA -- January - March 2021

Bartow CC

Unit	Date	Outage Type	Hours	MW Affected	Description
BCC 4A	1/11/2021	FFO	1912.85	185.0	GENERATOR ROTOR WINDINGS
BCC 4C	1/1/2021	FFO	139.63	187.0	OTHER FUEL QUALITY PROBLEMS (OMC)
BCC 4C	1/11/2021	FFO	0.42	187.0	HEAT RECOVERY STEAM GENERATOR TO GAS TURBINE CON..
BCC 4D	1/1/2021	FFO	161.23	186.0	OTHER FUEL QUALITY PROBLEMS (OMC)
BCC 4D	1/16/2021	FFO	0.62	186.0	OPERATOR ERROR
BCC 4S	1/5/2021	FFO	113.47	339.0	TURBINE - MISCELLANEOUS TURBINE PIPING
BCC 4S	1/11/2021	PFO	1912.85	12.0	GENERATOR ROTOR WINDINGS
BCC 4S	2/22/2021	FMO	142.85	339.0	TURBINE - MISCELLANEOUS TURBINE PIPING

Duke Energy Florida

ACTUAL UNIT EVENT DATA -- January - March 2021

Crystal River 4

Date	Outage Type	Hours	MW Affected	Description
1/1/2021	FFO	1998.08	712.0	ROTOR; GENERAL
3/26/2021	PFO	7.75	141.0	HEATER DRAIN PUMPS
3/28/2021	FFO	15.53	712.0	FEEDWATER PUMP
3/28/2021	PFO	65.18	379.0	FEEDWATER PUMP
3/31/2021	FFO	7.78	712.0	FEEDWATER PUMP

Duke Energy Florida

ACTUAL UNIT EVENT DATA -- January - March 2021

Crystal River 5

Date	Outage Type	Hours	MW Affected	Description
1/5/2021	FFO	24.00	710.0	DC PROTECTION DEVICES
1/18/2021	PFO	33.75	282.0	CONDENSATE/HOTWELL PUMPS
2/2/2021	PFO	1.50	109.8	PULVERIZER FEEDERS
2/4/2021	PMO	8.00	110.0	PULVERIZER FEEDERS
2/7/2021	PFO	27.47	72.0	HEATER DRAIN PUMPS
2/10/2021	PMO	3.00	80.0	LOW PRESSURE HEATER - OTHER
2/15/2021	PFO	0.58	25.6	SERVICE AIR VALVES
2/16/2021	FFO	8.00	710.0	OTHER MISCELLANEOUS STEAM TURBINE PROBLEMS
2/17/2021	PFO	8.00	510.0	FEEDWATER PUMP/DRIVE LUBE OIL SYSTEM
2/17/2021	PFO	4.00	370.1	FEEDWATER PUMP/DRIVE LUBE OIL SYSTEM
2/17/2021	PFO	18.00	300.0	FEEDWATER PUMP/DRIVE LUBE OIL SYSTEM
2/19/2021	PPO	9.50	25.0	MISCELLANEOUS REGULATORY
2/21/2021	PFO	2.00	100.1	PULVERIZER MILLS
2/24/2021	PPO	9.23	415.0	MISCELLANEOUS REGULATORY
2/25/2021	PPO	12.98	415.0	MISCELLANEOUS REGULATORY
3/15/2021	PFO	18.00	370.0	AIR HEATER (REGENERATIVE)
3/18/2021	PFO	6.90	139.0	PULVERIZER FEEDERS

Duke Energy Florida

ACTUAL UNIT EVENT DATA -- January - March 2021

Hines Power Block 1

Unit	Date	Outage Type	Hours	MW Affected	Description
HEP 1A	1/31/2021	FFO	70.50	163.0	OTHER MISCELLANEOUS BALANCE OF PLANT PROBLEMS
HEP 1A	2/4/2021	FFO	30.37	163.0	SWITCHYARD SYSTEM PROTECTION DEVICES
HEP 1A	2/13/2021	FFO	35.00	163.0	OTHER MISCELLANEOUS BALANCE OF PLANT PROBLEMS
HEP 1A	2/16/2021	FFO	19.33	163.0	GAS TURBINE - FIRE DETECTION AND EXTINGUISHING SYS
HEP 1A	2/22/2021	FFO	35.70	163.0	OTHER EXCITER PROBLEMS
HEP 1B	1/31/2021	FFO	22.22	169.0	GAS TURBINE - CONTROLS AND INSTRUMENTS
HEP 1B	2/2/2021	FFO	3.42	169.0	OTHER MISCELLANEOUS CONDENSING SYSTEM PROBLEMS
HEP 1B	2/13/2021	FFO	9.47	169.0	OTHER MISCELLANEOUS BALANCE OF PLANT PROBLEMS
HEP ST1	1/31/2021	FFO	46.38	158.0	GAS TURBINE - CONTROLS AND INSTRUMENTS
HEP ST1	2/12/2021	FFO	6.47	158.0	EMERGENCY GENERATOR TRIP DEVICES
HEP ST1	2/13/2021	FFO	11.67	158.0	GENERATOR SYNCHRONIZATION EQUIPMENT
HEP ST1	2/16/2021	PFO	19.33	78.0	GAS TURBINE - FIRE DETECTION AND EXTINGUISHING SYS

Duke Energy Florida

ACTUAL UNIT EVENT DATA -- January - March 2021

Hines Power Block 2

Unit	Date	Outage Type	Hours	MW Affected	Description

Duke Energy Florida

ACTUAL UNIT EVENT DATA -- January - March 2021

Hines Power Block 3

Unit	Date	Outage Type	Hours	MW Affected	Description
HEP 3A	1/10/2021	FFO	14.50	173.3	FEEDWATER PUMP
HEP 3A	1/25/2021	FFO	0.55	173.3	BLADE PATH TEMPERATURE SPREAD
HEP 3A	1/25/2021	FFO	44.48	173.3	BLADE PATH TEMPERATURE SPREAD
HEP 3A	2/13/2021	PO	1127.00	173.3	GENERAL GAS TURBINE UNIT INSPECTION
HEP 3B	2/13/2021	PO	1127.00	173.3	GENERAL GAS TURBINE UNIT INSPECTION
HEP ST3	2/13/2021	PO	1127.00	169.3	INSPECTION

Duke Energy Florida

ACTUAL UNIT EVENT DATA -- January - March 2021

Hines Power Block 4

Unit	Date	Outage Type	Hours	MW Affected	Description