



Stephanie A. Cuello  
SENIOR COUNSEL

May 27, 2022

**VIA ELECTRONIC FILING**

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

Re: *Fuel and Purchased Power Clause with Generating Performance Incentive Factor; Performance Data Report for April 2022; Docket No. 20220001-EI*

Dear Mr. Teitzman:

Attached for electronic filing in the above-referenced Docket is Duke Energy Florida, LLC's Performance Data Report for April 2022.

Thank you for your assistance in this matter and if you have any questions, please feel free to contact me at (850) 521-1425.

Sincerely,

*s/ Stephanie A. Cuello*

Stephanie A. Cuello

SAC/mw  
Attachment

**CERTIFICATE OF SERVICE**

*Docket No. 20220001-EI*

I HEREBY CERTIFY that a true and correct copy of the foregoing has been furnished via electronic mail to the following this 27<sup>th</sup> day of May, 2022.

*s/ Stephanie A. Cuello*

Stephanie A. Cuello

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**Duke Energy**

**ACTUAL UNIT PERFORMANCE DATA - YEAR 2022**

<b>Bartow CC</b>	<b>Jan-22</b>	<b>Feb-22</b>	<b>Mar-22</b>	<b>Apr-22</b>	<b>May-22</b>	<b>Jun-22</b>	<b>Jul-22</b>	<b>Aug-22</b>	<b>Sep-22</b>	<b>Oct-22</b>	<b>Nov-22</b>	<b>Dec-22</b>	<b>Jan - Apr Period</b>
1. EAF	82.13	84.53	83.83	89.97	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	85.09
2. PH	744.0	672.0	743.0	720.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2,879.0
3. SH	575.3	482.6	565.3	625.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2,248.2
4. RSH	35.7	85.5	57.6	22.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	201.5
5. UH	132.9	104.0	120.1	72.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	429.2
6. POH	0.0	60.5	56.5	53.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	170.7
7. FOH	86.3	4.4	53.9	8.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	153.0
8. MOH	46.6	39.0	9.8	10.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	105.6
9. 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
10. LR PP (MW)	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
11. PFOH	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
12. LR PF (MW)	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
13. PMOH	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
14. LR PM (MW)	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
15. NSC (MW)	1,112.00	1,112.00	1,112.00	1,112.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1,112.00
16. OPER MBTU	3,419,170	2,526,080	3,226,540	4,198,730	0	0	0	0	0	0	0	0	13,370,520
17. NET GEN (MWH)	449,201	333,568	425,749	561,625	0	0	0	0	0	0	0	0	1,770,143
18. ANOHR (BTU/KWH)	7,611.7	7,572.9	7,578.5	7,476.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7,553.4
19. NOF %	70.21	62.16	67.73	80.79	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	70.80
20. NPC (MW)	1,112.00	1,112.00	1,112.00	1,112.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1,112.00

**Duke Energy**

**ACTUAL UNIT PERFORMANCE DATA - YEAR 2022**

<b>Crystal River 4</b>	<b>Jan-22</b>	<b>Feb-22</b>	<b>Mar-22</b>	<b>Apr-22</b>	<b>May-22</b>	<b>Jun-22</b>	<b>Jul-22</b>	<b>Aug-22</b>	<b>Sep-22</b>	<b>Oct-22</b>	<b>Nov-22</b>	<b>Dec-22</b>	<b>Jan - Apr Period</b>
1. EAF	97.52	45.54	0.00	57.27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	50.16
2. PH	744.0	672.0	743.0	720.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2,879.0
3. SH	134.2	350.5	0.0	427.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	912.2
4. RSH	607.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	607.2
5. UH	2.7	321.5	743.0	292.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1,359.6
6. POH	0.0	321.5	743.0	106.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1,171.4
7. FOH	2.7	0.0	0.0	32.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	34.9
8. MOH	0.0	0.0	0.0	153.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	153.4
9. 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
10. LR PP (MW)	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
11. PFOH	81.3	36.0	0.0	328.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	445.9
12. LR PF (MW)	138.0	284.0	0.0	32.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	72.2
13. PMOH	0.0	191.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	191.5
14. LR PM (MW)	0.0	112.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	112.0
15. NSC (MW)	712.00	712.00	712.00	712.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	712.00
16. OPER MBTU	659,960	1,625,780	0	1,788,120	0	0	0	0	0	0	0	0	4,073,860
17. NET GEN (MWH)	54,903	158,983	0	163,666	0	0	0	0	0	0	0	0	377,552
18. ANOHR (BTU/KWH)	12,020.5	10,226.1	0.0	10,925.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10,790.2
19. NOF %	57.48	63.70	0.00	53.77	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	58.13
20. NPC (MW)	712.00	712.00	712.00	712.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	712.00

**Duke Energy**

**ACTUAL UNIT PERFORMANCE DATA - YEAR 2022**

<b>Crystal River 5</b>	<b>Jan-22</b>	<b>Feb-22</b>	<b>Mar-22</b>	<b>Apr-22</b>	<b>May-22</b>	<b>Jun-22</b>	<b>Jul-22</b>	<b>Aug-22</b>	<b>Sep-22</b>	<b>Oct-22</b>	<b>Nov-22</b>	<b>Dec-22</b>	<b>Jan - Apr Period</b>
1. EAF	94.17	96.46	53.64	98.73	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	85.38
2. PH	744.0	672.0	743.0	720.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2,879.0
3. SH	308.2	672.0	404.0	720.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2,104.2
4. RSH	407.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	407.5
5. UH	28.3	0.0	339.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	367.3
6. POH	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
7. FOH	28.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	28.3
8. MOH	0.0	0.0	339.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	339.0
9. 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
10. LR PP (MW)	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
11. PFOH	39.5	5.0	7.3	30.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	82.4
12. LR PF (MW)	132.1	48.0	127.9	79.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	106.9
13. PMOH	49.0	38.0	17.0	16.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	120.0
14. LR PM (MW)	108.0	430.9	169.8	246.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	237.5
15. NSC (MW)	698.00	698.00	698.00	698.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	698.00
16. OPER MBTU	1,550,860	2,936,440	1,888,620	3,342,620	0	0	0	0	0	0	0	0	9,718,540
17. NET GEN (MWH)	148,260	282,839	177,541	326,415	0	0	0	0	0	0	0	0	935,055
18. ANOHR (BTU/KWH)	10,460.4	10,382.0	10,637.7	10,240.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10,393.5
19. NOF %	68.93	60.30	62.96	64.95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	63.67
20. NPC (MW)	698.00	698.00	698.00	698.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	698.00

**Duke Energy**

**ACTUAL UNIT PERFORMANCE DATA - YEAR 2022**

<b>Hines Power Block 1</b>	<b>Jan-22</b>	<b>Feb-22</b>	<b>Mar-22</b>	<b>Apr-22</b>	<b>May-22</b>	<b>Jun-22</b>	<b>Jul-22</b>	<b>Aug-22</b>	<b>Sep-22</b>	<b>Oct-22</b>	<b>Nov-22</b>	<b>Dec-22</b>	<b>Jan - Apr Period</b>
1. EAF	95.98	90.85	98.49	100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	96.44
2. PH	744.0	672.0	743.0	720.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2,879.0
3. SH	714.6	579.4	732.0	720.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2,746.0
4. RSH	0.0	36.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	36.7
5. UH	29.4	55.9	11.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	96.3
6. POH	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
7. FOH	29.3	21.1	11.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	61.4
8. MOH	0.1	34.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	34.9
9. 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
10. LR PP (MW)	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
11. PFOH	3.1	21.2	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	25.8
12. LR PF (MW)	70.5	80.0	82.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	79.0
13. PMOH	0.0	12.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.8
14. LR PM (MW)	0.0	82.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	82.0
15. NSC (MW)	490.00	490.00	490.00	490.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	490.00
16. OPER MBTU	1,961,550	1,462,500	2,070,850	2,255,370	0	0	0	0	0	0	0	0	7,750,270
17. NET GEN (MWH)	262,610	194,076	280,437	307,545	0	0	0	0	0	0	0	0	1,044,668
18. ANOHR (BTU/KWH)	7,469.4	7,535.7	7,384.4	7,333.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7,418.9
19. NOF %	75.00	68.36	78.18	87.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	77.64
20. NPC (MW)	490.00	490.00	490.00	490.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	490.00

**Duke Energy**

**ACTUAL UNIT PERFORMANCE DATA - YEAR 2022**

<b>Hines Power Block 2</b>	<b>Jan-22</b>	<b>Feb-22</b>	<b>Mar-22</b>	<b>Apr-22</b>	<b>May-22</b>	<b>Jun-22</b>	<b>Jul-22</b>	<b>Aug-22</b>	<b>Sep-22</b>	<b>Oct-22</b>	<b>Nov-22</b>	<b>Dec-22</b>	<b>Jan - Apr Period</b>
1. EAF	99.08	100.00	22.77	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	54.82
2. PH	744.0	672.0	743.0	720.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2,879.0
3. SH	601.2	599.2	169.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1,369.6
4. RSH	135.9	72.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	208.8
5. UH	6.8	0.0	573.8	720.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1,300.7
6. POH	0.0	0.0	573.8	720.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1,293.8
7. FOH	6.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.8
8. MOH	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
9. 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
10. LR PP (MW)	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
11. PFOH	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
12. LR PF (MW)	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
13. PMOH	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
14. LR PM (MW)	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
15. NSC (MW)	532.00	532.00	532.00	532.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	532.00
16. OPER MBTU	1,685,920	1,720,830	512,300	0	0	0	0	0	0	0	0	0	3,919,050
17. NET GEN (MWH)	222,441	230,555	69,355	0	0	0	0	0	0	0	0	0	522,351
18. ANOHR (BTU/KWH)	7,579.2	7,463.9	7,386.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7,502.7
19. NOF %	69.54	72.33	77.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	71.69
20. NPC (MW)	532.00	532.00	532.00	532.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	532.00

**Duke Energy**

**ACTUAL UNIT PERFORMANCE DATA - YEAR 2022**

<b>Hines Power Block 3</b>	<b>Jan-22</b>	<b>Feb-22</b>	<b>Mar-22</b>	<b>Apr-22</b>	<b>May-22</b>	<b>Jun-22</b>	<b>Jul-22</b>	<b>Aug-22</b>	<b>Sep-22</b>	<b>Oct-22</b>	<b>Nov-22</b>	<b>Dec-22</b>	<b>Jan - Apr Period</b>
1. EAF	82.12	99.77	100.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	95.33
2. PH	744.0	672.0	743.0	720.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2,879.0
3. SH	578.1	609.7	743.0	720.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2,650.8
4. RSH	36.3	61.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	97.3
5. UH	129.6	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	130.9
6. POH	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
7. FOH	19.7	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	21.0
8. MOH	110.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	110.0
9. 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
10. LR PP (MW)	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
11. PFOH	20.2	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	21.6
12. LR PF (MW)	88.0	90.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	88.1
13. PMOH	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
14. LR PM (MW)	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
15. NSC (MW)	523.00	523.00	523.00	523.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	523.00
16. OPER MBTU	1,587,590	1,761,970	2,237,840	2,303,820	0	0	0	0	0	0	0	0	7,891,220
17. NET GEN (MWH)	217,444	243,990	313,300	317,812	0	0	0	0	0	0	0	0	1,092,546
18. ANOHR (BTU/KWH)	7,301.1	7,221.5	7,142.8	7,249.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7,222.8
19. NOF %	71.92	76.52	80.63	84.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	78.81
20. NPC (MW)	523.00	523.00	523.00	523.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	523.00



**Duke Energy**

**ACTUAL UNIT PERFORMANCE DATA - YEAR 2022**

<b>Hines Power Block 4</b>	<b>Jan-22</b>	<b>Feb-22</b>	<b>Mar-22</b>	<b>Apr-22</b>	<b>May-22</b>	<b>Jun-22</b>	<b>Jul-22</b>	<b>Aug-22</b>	<b>Sep-22</b>	<b>Oct-22</b>	<b>Nov-22</b>	<b>Dec-22</b>	<b>Jan - Apr Period</b>
1. EAF	99.95	97.40	62.13	61.37	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	79.95
2. PH	744.0	672.0	743.0	720.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2,879.0
3. SH	717.9	577.7	501.6	481.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2,278.6
4. RSH	25.7	76.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	102.5
5. UH	0.4	17.5	241.4	238.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	497.9
6. POH	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
7. FOH	0.4	4.8	241.4	238.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	485.2
8. MOH	0.0	12.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.6
9. 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
10. LR PP (MW)	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
11. PFOH	0.0	0.0	245.6	242.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	488.4
12. LR PF (MW)	0.0	0.0	84.0	84.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	84.0
13. PMOH	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
14. LR PM (MW)	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
15. NSC (MW)	516.00	516.00	516.00	516.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	516.00
16. OPER MBTU	2,178,380	1,654,640	1,233,660	1,233,680	0	0	0	0	0	0	0	0	6,300,360
17. NET GEN (MWH)	305,839	232,522	174,201	171,514	0	0	0	0	0	0	0	0	884,076
18. ANOHR (BTU/KWH)	7,122.6	7,116.1	7,081.8	7,192.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7,126.5
19. NOF %	82.56	78.00	67.30	69.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	75.19
20. NPC (MW)	516.00	516.00	516.00	516.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	516.00

Duke Energy Florida

ACTUAL UNIT EVENT DATA - January to April 2022

Bartow CC

Unit	Date	Outage Type	Hours	MW Affected	Description
BCC 4A	1/30/2022	FFO	3.73	181.0	INSTRUMENT AIR PIPING
BCC 4A	3/8/2022	PO	270.47	181.0	GAS FUEL SYSTEM INCLUDING CONTROLS AND INSTRUMENTATION
BCC 4A	3/20/2022	FFO	25.25	181.0	FLASHBACK INCLUDING INSTRUMENTATION
BCC 4A	3/26/2022	FFO	0.48	181.0	FUEL PIPING AND VALVES
BCC 4B	1/1/2022	FMO	159.17	165.0	OTHER FUEL SYSTEM PROBLEMS
BCC 4B	1/7/2022	FFO	68.80	165.0	BLADE PATH TEMPERATURE SPREAD
BCC 4B	1/12/2022	FFO	115.37	165.0	LIQUID FUEL PURGE SYSTEM
BCC 4B	1/18/2022	FFO	247.80	165.0	FUEL NOZZLES/VANES
BCC 4B	2/12/2022	PO	492.00	165.0	BOROSCOPE INSPECTION
BCC 4B	3/16/2022	FFO	5.83	165.0	FUEL NOZZLES/VANES
BCC 4B	3/21/2022	FFO	13.77	165.0	FUEL PIPING AND VALVES
BCC 4C	1/5/2022	FFO	129.20	181.0	OTHER CO REDUCTION PROBLEMS
BCC 4C	1/31/2022	FFO	3.57	181.0	FUEL PIPING AND VALVES
BCC 4C	2/24/2022	FMO	164.75	181.0	FUEL NOZZLES/VANES
BCC 4C	3/7/2022	FFO	12.00	181.0	PILOT FUEL PIPING AND VALVES
BCC 4C	3/8/2022	FFO	188.72	181.0	FUEL PIPING AND VALVES
BCC 4C	3/22/2022	FFO	1.32	181.0	MAIN TRANSFORMER
BCC 4C	3/31/2022	FFO	48.92	181.0	FUEL PIPING AND VALVES
BCC 4C	4/21/2022	FFO	6.98	181.0	BLADE PATH TEMPERATURE SPREAD
BCC 4C	4/23/2022	FFO	15.33	181.0	FUEL PIPING AND VALVES
BCC 4C	4/28/2022	FMO	62.78	181.0	EXPANSION JOINTS
BCC 4D	1/11/2022	FMO	132.35	183.0	FUEL PIPING AND VALVES
BCC 4D	1/31/2022	FMO	140.73	183.0	FUEL NOZZLES/VANES
BCC 4D	2/23/2022	FFO	26.90	183.0	IGNITION SYSTEM
BCC 4D	3/7/2022	FFO	57.00	183.0	PILOT FUEL PIPING AND VALVES
BCC 4D	3/10/2022	FFO	6.67	183.0	BLADE PATH TEMPERATURE SPREAD
BCC 4D	3/16/2022	FFO	0.92	183.0	FUEL PIPING AND VALVES
BCC 4D	3/16/2022	FFO	0.08	183.0	BLADE PATH TEMPERATURE SPREAD
BCC 4D	4/2/2022	PO	325.97	183.0	BOROSCOPE INSPECTION

**Duke Energy Florida**

**ACTUAL UNIT EVENT DATA - January to April 2022**

**Crystal River 4**

<b>Date</b>	<b>Outage Type</b>	<b>Hours</b>	<b>MW Affected</b>	<b>Description</b>
1/26/2022	PFO	50.40	62.0	PRIMARY AIR DUCT AND DAMPERS
1/27/2022	PFO	30.90	262.0	PRIMARY AIR DUCT AND DAMPERS
1/31/2022	FFO	2.67	712.0	OTHER MISCELLANEOUS BOILER AIR AND GAS SYSTEM PROBLEMS
2/1/2022	PFO	35.97	284.0	FEEDWATER PUMP DRIVE - STEAM TURBINE
2/7/2022	PMO	191.53	112.0	COAL CRUSHERS INCLUDING MOTORS
2/15/2022	PO	1,171.35	712.0	BOILER INSPECTIONS – SCHEDULED OR ROUTINE
4/6/2022	FMO	77.35	712.0	PRIMARY AIR FAN
4/11/2022	PFO	39.00	46.0	CONDENSATE/HOTWELL PUMP MOTOR
4/19/2022	PFO	230.58	8.0	OTHER FEEDWATER VALVES
4/20/2022	FMO	76.05	712.0	FIRST SUPERHEATER LEAK
4/25/2022	FFO	32.22	712.0	CONDENSATE POLISHING AND FILTERING SYSTEMS
4/29/2022	PFO	36.00	2.0	OTHER MISCELLANEOUS CONDENSING SYSTEM PROBLEMS
4/30/2022	PFO	23.00	307.0	OTHER FEEDWATER VALVES

Duke Energy Florida

ACTUAL UNIT EVENT DATA - January to April 2022

Crystal River 5

Date	Outage Type	Hours	MW Affected	Description
1/18/2022	PFO	28.50	79.0	PULVERIZER FEEDER MOTOR
1/21/2022	FFO	28.33	698.0	BURNERS
1/22/2022	PFO	7.00	270.0	CONDENSATE/HOTWELL PUMP MOTOR
1/22/2022	PFO	3.98	270.0	FORCED DRAFT FAN DRIVES (OTHER THAN MOTOR)
1/27/2022	PMO	49.00	108.0	COAL CONVEYORS AND FEEDERS
2/10/2022	PMO	30.00	473.0	OTHER MISCELLANEOUS CONDENSING SYSTEM PROBLEMS
2/18/2022	PFO	5.00	48.0	PULVERIZER MILLS
2/24/2022	PMO	8.00	273.0	FEEDWATER PUMP/DRIVE LUBE OIL SYSTEM
3/1/2022	PMO	10.00	248.0	FEEDWATER PUMP
3/11/2022	PMO	7.00	58.0	PULVERIZER FEEDERS
3/13/2022	FMO	339.00	698.0	FEEDWATER REGULATING (BOILER LEVEL CONTROL) VALVE
3/28/2022	PFO	1.75	222.0	LIGHT-OFF (IGNITER) SYSTEMS (INCLUDING FUEL SUPPLY)
3/30/2022	PFO	5.50	98.0	PULVERIZER MILLS
4/13/2022	PMO	6.00	78.0	DRUM RELIEF/SAFETY VALVES
4/19/2022	PMO	10.00	348.0	FEEDWATER PUMP LOCAL CONTROLS
4/28/2022	PFO	30.62	79.0	INDUCED DRAFT FAN MOTORS - VARIABLE SPEED

**Duke Energy Florida**

**ACTUAL UNIT EVENT DATA - January to April 2022**

**Hines Power Block 1**

<b>Unit</b>	<b>Date</b>	<b>Outage Type</b>	<b>Hours</b>	<b>MW Affected</b>	<b>Description</b>
HEP 1A	1/24/2022	FFO	4.22	161.0	FEEDWATER REGULATING (BOILER LEVEL CONTROL) VALVE
HEP 1A	1/25/2022	PFO	4.67	71.0	OTHER CONTROLS AND INSTRUMENTATION PROBLEMS
HEP 1A	1/31/2022	FMO	67.33	161.0	OTHER MISCELLANEOUS GENERATOR PROBLEMS
HEP 1A	2/8/2022	FFO	64.25	161.0	GENERATOR OUTPUT BREAKER
HEP 1A	2/24/2022	FMO	38.82	161.0	GAS TURBINE CONTROL SYSTEM - HARDWARE PROBLEMS
HEP 1A	3/8/2022	FFO	13.25	161.0	GAS FUEL SYSTEM INCLUDING CONTROLS AND INSTRUMENTATION
HEP 1B	1/24/2022	FFO	74.25	167.0	STATOR WINDINGS, BUSHINGS, AND TERMINALS
HEP 1B	3/8/2022	FFO	6.28	167.0	GAS FUEL SYSTEM INCLUDING CONTROLS AND INSTRUMENTATION
HEP 1B	3/18/2022	FFO	4.52	167.0	BLADE PATH TEMPERATURE SPREAD
HEP ST1	1/24/2022	FFO	7.98	162.0	FEEDWATER REGULATING (BOILER LEVEL CONTROL) VALVE
HEP ST1	1/25/2022	PFO	4.67	70.0	OTHER CONTROLS AND INSTRUMENTATION PROBLEMS
HEP ST1	2/8/2022	PFO	64.25	80.0	GENERATOR OUTPUT BREAKER
HEP ST1	2/24/2022	PMO	38.82	82.0	GAS TURBINE CONTROL SYSTEM - HARDWARE PROBLEMS
HEP ST1	3/8/2022	FFO	8.90	162.0	GAS FUEL SYSTEM INCLUDING CONTROLS AND INSTRUMENTATION
HEP ST1	3/18/2022	PFO	4.52	82.0	BLADE PATH TEMPERATURE SPREAD

**Duke Energy Florida**

**ACTUAL UNIT EVENT DATA - January to April 2022**

**Hines Power Block 2**

<b>Unit</b>	<b>Date</b>	<b>Outage Type</b>	<b>Hours</b>	<b>MW Affected</b>	<b>Description</b>
HEP 2A	3/8/2022	PO	1,293.60	176.0	BOILER INSPECTIONS – SCHEDULED OR ROUTINE
HEP 2B	1/22/2022	FFO	16.55	174.0	IGNITION SYSTEM
HEP 2B	1/29/2022	FFO	4.28	174.0	FEEDWATER CONTROLS
HEP 2B	3/8/2022	PO	1,294.20	174.0	BOILER INSPECTIONS – SCHEDULED OR ROUTINE
HEP ST2	3/8/2022	PO	1,293.75	182.0	BOILER INSPECTIONS – SCHEDULED OR ROUTINE

**Duke Energy Florida**

**ACTUAL UNIT EVENT DATA - January to April 2022**

**Hines Power Block 3**

<b>Unit</b>	<b>Date</b>	<b>Outage Type</b>	<b>Hours</b>	<b>MW Affected</b>	<b>Description</b>
HEP 3A	1/21/2022	FMO	105.00	171.0	CONTROL VALVES
HEP 3A	1/28/2022	FFO	60.13	171.0	IP EVAPORATOR TUBES
HEP 3B	1/21/2022	FMO	109.25	176.0	CONTROL VALVES
HEP 3B	2/18/2022	FFO	3.92	176.0	OTHER CONTROLS AND INSTRUMENTATION PROBLEMS
HEP ST3	1/21/2022	FMO	115.47	176.0	CONTROL VALVES
HEP ST3	1/28/2022	PFO	60.13	88.0	IP EVAPORATOR TUBES
HEP ST3	2/18/2022	PFO	3.92	90.0	OTHER CONTROLS AND INSTRUMENTATION PROBLEMS

**Duke Energy Florida**

**ACTUAL UNIT EVENT DATA - January to April 2022**

**Hines Power Block 4**

<b>Unit</b>	<b>Date</b>	<b>Outage Type</b>	<b>Hours</b>	<b>MW Affected</b>	<b>Description</b>
HEP 4A	1/22/2022	FFO	1.18	171.0	OTHER HP STEAM SYSTEM PROBLEMS
HEP 4A	2/9/2022	FFO	12.92	171.0	FEEDWATER PUMP
HEP 4A	2/25/2022	FMO	13.53	171.0	SWITCHYARD CIRCUIT BREAKERS – EXTERNAL
HEP 4B	2/8/2022	FFO	1.70	171.0	COOLING AND SEAL AIR SYSTEM
HEP 4B	2/26/2022	FMO	12.10	171.0	SWITCHYARD CIRCUIT BREAKERS – EXTERNAL
HEP 4B	3/1/2022	FFO	1,448.40	171.0	OTHER MISCELLANEOUS GAS TURBINE PROBLEMS
HEP ST4	2/26/2022	FMO	12.30	174.0	SWITCHYARD CIRCUIT BREAKERS – EXTERNAL
HEP ST4	3/1/2022	PFO	1,448.40	84.0	OTHER MISCELLANEOUS GAS TURBINE PROBLEMS