



Stephanie A. Cuello  
SENIOR COUNSEL

March 28, 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 December 2021; 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 February 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 28<sup>th</sup> day of March, 2022.

*s/ Stephanie A. Cuello*

Stephanie A. Cuello

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Duke Energy

ACTUAL UNIT PERFORMANCE DATA - YEAR 2022

Bartow CC	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	Jan - Feb Period
1. EAF	82.13	84.53	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	83.27
2. PH	744.0	672.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1,416.0
3. SH	575.3	482.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1,057.9
4. RSH	35.7	85.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	121.2
5. UH	132.9	104.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	236.9
6. POH	0.0	60.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	60.5
7. FOH	86.3	4.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	90.7
8. MOH	46.6	39.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	85.6
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	0.00	0.00	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	0	0	0	0	0	0	0	0	0	0	5,945,250
17. NET GEN (MWH)	449,201	333,568	0	0	0	0	0	0	0	0	0	0	782,769
18. ANOHR (BTU/KWH)	7,611.7	7,572.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7,595.2
19. NOF %	70.21	62.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	66.54
20. NPC (MW)	1,112.00	1,112.00	0.00	0.00	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

Crystal River 4	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	Jan - Feb Period
1. EAF	97.52	45.54	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	72.85
2. PH	744.0	672.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1,416.0
3. SH	134.2	350.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	484.7
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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	324.1
6. POH	0.0	321.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	321.5
7. FOH	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.7
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	81.3	36.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	117.3
12. LR PF (MW)	138.0	284.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	182.8
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	0.00	0.00	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	0	0	0	0	0	0	0	0	0	2,285,740
17. NET GEN (MWH)	54,903	158,983	0	0	0	0	0	0	0	0	0	0	213,886
18. ANOHR (BTU/KWH)	12,020.5	10,226.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10,686.7
19. NOF %	57.48	63.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	61.98
20. NPC (MW)	712.00	712.00	0.00	0.00	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

Crystal River 5	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	Jan - Feb Period
1. EAF	94.17	96.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	95.26
2. PH	744.0	672.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1,416.0
3. SH	308.2	672.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	980.2
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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	28.3
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	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	39.5	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	44.5
12. LR PF (MW)	132.1	48.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	122.7
13. PMOH	49.0	38.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	87.0
14. LR PM (MW)	108.0	430.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	249.0
15. NSC (MW)	698.00	698.00	0.00	0.00	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	0	0	0	0	0	0	0	0	0	0	4,487,300
17. NET GEN (MWH)	148,260	282,839	0	0	0	0	0	0	0	0	0	0	431,099
18. ANOHR (BTU/KWH)	10,460.4	10,382.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10,409.0
19. NOF %	68.93	60.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	63.01
20. NPC (MW)	698.00	698.00	0.00	0.00	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

Hines Power Block 1	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	Jan - Feb Period
1. EAF	95.98	90.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	93.55
2. PH	744.0	672.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1,416.0
3. SH	714.6	579.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1,294.0
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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	85.3
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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	50.4
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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	24.3
12. LR PF (MW)	70.5	80.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	78.8
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	0.00	0.00	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	0	0	0	0	0	0	0	0	0	0	3,424,050
17. NET GEN (MWH)	262,610	194,076	0	0	0	0	0	0	0	0	0	0	456,686
18. ANOHR (BTU/KWH)	7,469.4	7,535.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7,497.6
19. NOF %	75.00	68.36	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	72.03
20. NPC (MW)	490.00	490.00	0.00	0.00	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

Hines Power Block 2	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	Jan - Feb Period
1. EAF	99.08	100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	99.52
2. PH	744.0	672.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1,416.0
3. SH	601.2	599.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1,200.4
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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.8
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	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	0.00	0.00	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	0	0	0	0	0	0	0	0	0	0	3,406,750
17. NET GEN (MWH)	222,441	230,555	0	0	0	0	0	0	0	0	0	0	452,996
18. ANOHR (BTU/KWH)	7,579.2	7,463.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7,520.5
19. NOF %	69.54	72.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	70.93
20. NPC (MW)	532.00	532.00	0.00	0.00	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

Hines Power Block 3	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	Jan - Feb Period
1. EAF	82.12	99.77	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	90.50
2. PH	744.0	672.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1,416.0
3. SH	578.1	609.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1,187.8
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	0.00	0.00	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	0	0	0	0	0	0	0	0	0	0	3,349,560
17. NET GEN (MWH)	217,444	243,990	0	0	0	0	0	0	0	0	0	0	461,434
18. ANOHR (BTU/KWH)	7,301.1	7,221.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7,259.0
19. NOF %	71.92	76.52	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	74.28
20. NPC (MW)	523.00	523.00	0.00	0.00	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

Hines Power Block 4	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	Jan - Feb Period
1. EAF	99.95	97.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	98.74
2. PH	744.0	672.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1,416.0
3. SH	717.9	577.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1,295.6
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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	17.9
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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.2
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	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)	516.00	516.00	0.00	0.00	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	0	0	0	0	0	0	0	0	0	0	3,833,020
17. NET GEN (MWH)	305,839	232,522	0	0	0	0	0	0	0	0	0	0	538,361
18. ANOHR (BTU/KWH)	7,122.6	7,116.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7,119.8
19. NOF %	82.56	78.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	80.53
20. NPC (MW)	516.00	516.00	0.00	0.00	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 February 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 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	408.00	165.0	BOROSCOPE INSPECTION
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	104.75	181.0	FUEL NOZZLES/VANES
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

**Duke Energy Florida**

**ACTUAL UNIT EVENT DATA - January to February 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	321.47	712.0	BOILER INSPECTIONS – SCHEDULED OR ROUTINE

**Duke Energy Florida**

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

**Crystal River 5**

<b>Date</b>	<b>Outage Type</b>	<b>Hours</b>	<b>MW Affected</b>	<b>Description</b>
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

**Duke Energy Florida**

**ACTUAL UNIT EVENT DATA - January to February 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 1B	1/24/2022	FFO	74.25	167.0	STATOR WINDINGS, BUSHINGS, AND TERMINALS
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

**Duke Energy Florida**

**ACTUAL UNIT EVENT DATA - January to February 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 2B	1/22/2022	FFO	16.55	174.0	IGNITION SYSTEM
HEP 2B	1/29/2022	FFO	4.28	174.0	FEEDWATER CONTROLS

**Duke Energy Florida**

**ACTUAL UNIT EVENT DATA - January to February 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 February 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 ST4	2/26/2022	FMO	12.30	174.0	SWITCHYARD CIRCUIT BREAKERS – EXTERNAL