



Stephanie A. Cuello
SENIOR COUNSEL

September 30, 2024

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 August 2024; Docket No. 20240001-EI*

Dear Mr. Teitzman:

Attached for electronic filing in the above-referenced Docket is Duke Energy Florida, LLC's Performance Data Report for August 2024.

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/vr
Attachment

CERTIFICATE OF SERVICE

Docket No. 20240001-EI

I HEREBY CERTIFY that a true and correct copy of the foregoing has been furnished via electronic mail to the following this 30th day of September, 2024.

/s/ Stephanie A. Cuello

Stephanie A. Cuello

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Duke Energy

ACTUAL UNIT PERFORMANCE DATA - YEAR 2024

Bartow CC	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	Jan - Aug Period
1. EAF	88.14	97.04	72.93	81.58	98.37	99.90	99.86	98.57	0.00	0.00	0.00	0.00	92.02
2. PH	744.0	696.0	743.0	720.0	744.0	720.0	744.0	744.0	0.0	0.0	0.0	0.0	5,855.0
3. SH	577.2	572.7	518.9	557.3	721.7	719.4	740.7	734.2	0.0	0.0	0.0	0.0	5,142.1
4. RSH	88.7	102.7	60.4	49.0	14.1	0.0	3.3	0.0	0.0	0.0	0.0	0.0	318.1
5. UH	78.2	20.6	163.7	113.7	8.2	0.6	0.0	9.8	0.0	0.0	0.0	0.0	394.8
6. POH	0.0	0.0	147.7	103.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	250.7
7. FOH	41.8	0.1	1.9	1.7	1.3	0.0	0.0	7.4	0.0	0.0	0.0	0.0	54.2
8. MOH	36.4	20.5	14.2	8.9	6.8	0.6	0.0	2.4	0.0	0.0	0.0	0.0	89.9
9. PPOH	0.0	0.0	334.5	246.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	581.3
10. LR PP (MW)	0.0	0.0	98.0	76.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	88.6
11. PFOH	44.6	0.0	5.8	0.0	28.8	0.0	6.2	17.6	0.0	0.0	0.0	0.0	102.9
12. LR PF (MW)	177.0	0.0	126.9	0.0	122.6	0.0	76.0	37.0	0.0	0.0	0.0	0.0	129.0
13. PMOH	43.4	0.0	46.3	19.8	11.6	1.3	8.9	5.9	0.0	0.0	0.0	0.0	137.2
14. LR PM (MW)	76.0	0.0	175.0	113.7	76.0	76.0	76.0	37.0	0.0	0.0	0.0	0.0	113.2
15. NSC (MW)	1,112.00	1,112.00	1,112.00	1,112.00	1,112.00	1,112.00	1,112.00	1,112.00	0.00	0.00	0.00	0.00	1,112.00
16. OPER MBTU	3,747,910	3,785,240	2,856,110	3,402,820	5,107,740	5,199,120	5,336,790	5,267,360	0	0	0	0	34,703,090
17. NET GEN (MWH)	473,834	502,383	368,136	443,141	681,561	705,948	720,247	713,337	0	0	0	0	4,608,587
18. ANOHR (BTU/KWH)	7,909.8	7,534.6	7,758.3	7,678.9	7,494.2	7,364.7	7,409.7	7,384.1	0.0	0.0	0.0	0.0	7,530.1
19. NOF %	73.83	78.88	63.80	71.51	84.93	88.25	87.44	87.38	0.00	0.00	0.00	0.00	80.60
20. NPC (MW)	1,112.00	1,112.00	1,112.00	1,112.00	1,112.00	1,112.00	1,112.00	1,112.00	0.00	0.00	0.00	0.00	1,112.00

Duke Energy

ACTUAL UNIT PERFORMANCE DATA - YEAR 2024

Citrus County Power Block 1	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	Jan - Aug Period
1. EAF	100.00	26.11	97.15	96.42	98.75	83.86	100.00	100.00	0.00	0.00	0.00	0.00	88.27
2. PH	744.0	696.0	743.0	720.0	744.0	720.0	744.0	744.0	0.0	0.0	0.0	0.0	5,855.0
3. SH	744.0	185.7	721.8	701.2	744.0	603.8	744.0	744.0	0.0	0.0	0.0	0.0	5,188.6
4. RSH	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
5. UH	0.0	510.3	21.2	18.8	0.0	116.2	0.0	0.0	0.0	0.0	0.0	0.0	666.4
6. POH	0.0	484.1	12.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	496.7
7. FOH	0.0	14.1	5.4	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	20.5
8. MOH	0.0	12.1	3.1	18.8	0.0	115.2	0.0	0.0	0.0	0.0	0.0	0.0	149.1
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	13.2	0.0	0.0	144.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	158.1
12. LR PF (MW)	0.0	90.5	0.0	0.0	52.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	55.2
13. PMOH	0.0	13.0	0.0	25.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	37.9
14. LR PM (MW)	0.0	157.0	0.0	227.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	203.1
15. NSC (MW)	807.00	807.00	807.00	807.00	807.00	807.00	807.00	807.00	0.00	0.00	0.00	0.00	807.00
16. OPER MBTU	4,009,430	916,550	3,838,340	3,530,670	3,667,310	3,081,710	3,901,750	3,903,450	0	0	0	0	26,849,210
17. NET GEN (MWH)	588,695	128,801	558,488	513,984	538,287	446,775	568,640	568,434	0	0	0	0	3,912,104
18. ANOHR (BTU/KWH)	6,810.7	7,116.0	6,872.7	6,869.2	6,812.9	6,897.7	6,861.5	6,867.0	0.0	0.0	0.0	0.0	6,863.1
19. NOF %	98.05	85.94	95.87	90.83	89.65	91.69	94.71	94.67	0.00	0.00	0.00	0.00	93.43
20. NPC (MW)	807.00	807.00	807.00	807.00	807.00	807.00	807.00	807.00	0.00	0.00	0.00	0.00	807.00

Duke Energy

ACTUAL UNIT PERFORMANCE DATA - YEAR 2024

Citrus County Power Block 2	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	Jan - Aug Period
1. EAF	99.89	92.60	93.48	99.88	100.00	100.00	100.00	99.95	0.00	0.00	0.00	0.00	98.26
2. PH	744.0	696.0	743.0	720.0	744.0	720.0	744.0	744.0	0.0	0.0	0.0	0.0	5,855.0
3. SH	743.4	646.0	704.4	719.4	744.0	720.0	744.0	744.0	0.0	0.0	0.0	0.0	5,765.2
4. RSH	0.0	11.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.3
5. UH	0.6	38.7	38.6	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	78.5
6. POH	0.0	38.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	38.7
7. FOH	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6
8. MOH	0.0	0.0	38.6	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	39.2
9. PPOH	0.0	66.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	66.3
10. LR PP (MW)	0.0	155.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	155.0
11. PFOH	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0
12. LR PF (MW)	140.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	140.4
13. PMOH	0.0	0.0	51.2	0.8	0.0	0.0	0.0	4.0	0.0	0.0	0.0	0.0	56.0
14. LR PM (MW)	0.0	0.0	155.0	200.0	0.0	0.0	0.0	68.5	0.0	0.0	0.0	0.0	149.5
15. NSC (MW)	803.00	803.00	803.00	803.00	803.00	803.00	803.00	803.00	0.00	0.00	0.00	0.00	803.00
16. OPER MBTU	4,037,200	3,347,450	3,692,860	3,692,820	3,868,660	3,817,610	3,942,360	3,930,540	0	0	0	0	30,329,500
17. NET GEN (MWH)	599,338	501,735	541,860	540,662	567,905	557,444	576,853	573,382	0	0	0	0	4,459,179
18. ANOHR (BTU/KWH)	6,736.1	6,671.7	6,815.2	6,830.2	6,812.2	6,848.4	6,834.3	6,855.0	0.0	0.0	0.0	0.0	6,801.6
19. NOF %	100.40	96.72	95.79	93.60	95.06	96.42	96.56	95.97	0.00	0.00	0.00	0.00	96.32
20. NPC (MW)	803.00	803.00	803.00	803.00	803.00	803.00	803.00	803.00	0.00	0.00	0.00	0.00	803.00

Duke Energy

ACTUAL UNIT PERFORMANCE DATA - YEAR 2024

Crystal River 4	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	Jan - Aug Period
1. EAF	68.35	0.00	52.77	87.87	81.20	90.42	96.28	60.48	0.00	0.00	0.00	0.00	67.54
2. PH	744.0	696.0	743.0	720.0	744.0	720.0	744.0	744.0	0.0	0.0	0.0	0.0	5,855.0
3. SH	211.0	0.0	413.5	717.0	744.0	720.0	744.0	461.9	0.0	0.0	0.0	0.0	4,011.4
4. RSH	300.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	300.0
5. UH	233.0	696.0	329.5	3.0	0.0	0.0	0.0	282.1	0.0	0.0	0.0	0.0	1,543.6
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	119.0	0.0	0.0	3.0	0.0	0.0	0.0	282.1	0.0	0.0	0.0	0.0	404.1
8. MOH	114.0	696.0	329.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1,139.5
9. PPOH	0.0	0.0	3.2	224.6	744.0	382.4	6.0	0.0	0.0	0.0	0.0	0.0	1,360.2
10. LR PP (MW)	0.0	0.0	161.0	125.5	112.0	117.7	161.0	0.0	0.0	0.0	0.0	0.0	116.2
11. PFOH	5.0	0.0	128.5	53.0	145.0	151.0	279.3	72.3	0.0	0.0	0.0	0.0	834.2
12. LR PF (MW)	355.0	0.0	114.6	429.0	112.0	27.0	67.2	117.9	0.0	0.0	0.0	0.0	104.1
13. PMOH	0.0	0.0	0.0	19.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	19.0
14. LR PM (MW)	0.0	0.0	0.0	481.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	481.7
15. NSC (MW)	712.00	712.00	712.00	712.00	712.00	712.00	712.00	712.00	0.00	0.00	0.00	0.00	712.00
16. OPER MBTU	738,490	0	1,440,030	2,445,110	2,944,010	2,975,790	3,159,260	1,816,390	0	0	0	0	15,519,080
17. NET GEN (MWH)	64,473	0	127,094	209,654	269,832	280,468	287,744	156,026	0	0	0	0	1,395,291
18. ANOHR (BTU/KWH)	11,454.3	0.0	11,330.4	11,662.6	10,910.5	10,610.1	10,979.4	11,641.6	0.0	0.0	0.0	0.0	11,122.5
19. NOF %	42.92	0.00	43.17	41.07	50.94	54.71	54.32	47.44	0.00	0.00	0.00	0.00	48.85
20. NPC (MW)	712.00	712.00	712.00	712.00	712.00	712.00	712.00	712.00	0.00	0.00	0.00	0.00	712.00

Duke Energy

ACTUAL UNIT PERFORMANCE DATA - YEAR 2024

Crystal River 5	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	Jan - Aug Period
1. EAF	79.68	54.71	0.00	0.00	2.16	85.30	78.53	97.95	0.00	0.00	0.00	0.00	49.82
2. PH	744.0	696.0	743.0	720.0	744.0	720.0	744.0	744.0	0.0	0.0	0.0	0.0	5,855.0
3. SH	598.0	363.0	0.0	0.0	36.3	618.9	599.0	735.7	0.0	0.0	0.0	0.0	2,950.9
4. RSH	0.0	21.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	21.0
5. UH	146.0	312.0	743.0	720.0	707.7	101.1	145.0	8.3	0.0	0.0	0.0	0.0	2,883.1
6. POH	0.0	312.0	743.0	720.0	434.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2,209.2
7. FOH	0.0	0.0	0.0	0.0	263.8	101.1	0.0	0.0	0.0	0.0	0.0	0.0	364.8
8. MOH	146.0	0.0	0.0	0.0	9.8	0.0	145.0	8.3	0.0	0.0	0.0	0.0	309.1
9. PPOH	0.0	0.0	0.0	0.0	36.3	0.0	6.0	0.0	0.0	0.0	0.0	0.0	42.3
10. LR PP (MW)	0.0	0.0	0.0	0.0	389.3	0.0	70.0	0.0	0.0	0.0	0.0	0.0	344.0
11. PFOH	61.0	17.5	0.0	0.0	0.0	53.6	22.0	42.5	0.0	0.0	0.0	0.0	196.6
12. LR PF (MW)	59.1	128.0	0.0	0.0	0.0	57.4	448.0	114.2	0.0	0.0	0.0	0.0	120.2
13. PMOH	0.0	0.0	0.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0
14. LR PM (MW)	0.0	0.0	0.0	0.0	0.0	48.0	0.0	0.0	0.0	0.0	0.0	0.0	48.0
15. NSC (MW)	698.00	698.00	698.00	698.00	698.00	698.00	698.00	698.00	0.00	0.00	0.00	0.00	698.00
16. OPER MBTU	2,675,010	1,522,600	0	0	98,080	2,721,690	2,657,060	2,827,350	0	0	0	0	12,501,790
17. NET GEN (MWH)	261,565	140,334	0	0	5,087	263,511	252,574	258,152	0	0	0	0	1,181,223
18. ANOHR (BTU/KWH)	10,226.9	10,849.8	0.0	0.0	19,280.5	10,328.6	10,519.9	10,952.3	0.0	0.0	0.0	0.0	10,583.8
19. NOF %	62.66	55.38	0.00	0.00	20.09	61.00	60.41	50.27	0.00	0.00	0.00	0.00	57.35
20. NPC (MW)	698.00	698.00	698.00	698.00	698.00	698.00	698.00	698.00	0.00	0.00	0.00	0.00	698.00

Duke Energy

ACTUAL UNIT PERFORMANCE DATA - YEAR 2024

Hines Power Block 1	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	Jan - Aug Period
1. EAF	96.68	73.90	96.72	90.46	99.56	99.81	98.59	99.93	0.00	0.00	0.00	0.00	94.62
2. PH	744.0	696.0	743.0	720.0	744.0	720.0	744.0	744.0	0.0	0.0	0.0	0.0	5,855.0
3. SH	719.3	514.4	718.6	652.8	740.8	720.0	744.0	744.0	0.0	0.0	0.0	0.0	5,553.8
4. RSH	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
5. UH	24.7	181.6	24.4	67.2	3.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	301.2
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	24.7	0.0	10.0	67.2	3.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	105.1
8. MOH	0.0	181.6	14.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	196.0
9. PPOH	0.0	0.0	0.0	7.5	0.0	7.0	8.2	2.9	0.0	0.0	0.0	0.0	25.5
10. LR PP (MW)	0.0	0.0	0.0	100.2	0.0	99.7	90.0	87.0	0.0	0.0	0.0	0.0	95.3
11. PFOH	0.0	0.0	0.0	0.0	0.0	0.0	48.8	0.0	0.0	0.0	0.0	0.0	48.8
12. LR PF (MW)	0.0	0.0	0.0	0.0	0.0	0.0	93.0	0.0	0.0	0.0	0.0	0.0	93.0
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)	501.00	501.00	501.00	501.00	501.00	501.00	501.00	501.00	0.00	0.00	0.00	0.00	501.00
16. OPER MBTU	2,033,310	1,499,230	2,030,270	1,703,140	2,141,340	2,212,100	2,163,600	2,243,990	0	0	0	0	16,026,980
17. NET GEN (MWH)	276,638	207,444	273,095	224,605	290,747	301,945	288,976	307,045	0	0	0	0	2,170,495
18. ANOHR (BTU/KWH)	7,350.1	7,227.2	7,434.3	7,582.8	7,365.0	7,326.2	7,487.1	7,308.3	0.0	0.0	0.0	0.0	7,384.0
19. NOF %	76.76	80.50	75.86	68.67	78.34	83.71	77.53	82.37	0.00	0.00	0.00	0.00	78.01
20. NPC (MW)	501.00	501.00	501.00	501.00	501.00	501.00	501.00	501.00	0.00	0.00	0.00	0.00	501.00

Duke Energy

ACTUAL UNIT PERFORMANCE DATA - YEAR 2024

Hines Power Block 3	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	Jan - Aug Period
1. EAF	98.26	99.73	67.83	98.43	99.88	99.89	99.13	97.46	0.00	0.00	0.00	0.00	95.01
2. PH	744.0	696.0	743.0	720.0	744.0	720.0	744.0	744.0	0.0	0.0	0.0	0.0	5,855.0
3. SH	687.1	696.0	408.0	586.0	744.0	720.0	740.6	723.4	0.0	0.0	0.0	0.0	5,305.2
4. RSH	43.9	0.0	96.0	122.7	0.0	0.0	0.0	1.8	0.0	0.0	0.0	0.0	264.4
5. UH	13.0	0.0	239.0	11.3	0.0	0.0	3.4	18.8	0.0	0.0	0.0	0.0	285.4
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	13.0	0.0	0.0	11.3	0.0	0.0	3.4	0.0	0.0	0.0	0.0	0.0	27.6
8. MOH	0.0	0.0	239.0	0.0	0.0	0.0	0.0	18.8	0.0	0.0	0.0	0.0	257.8
9. PPOH	0.0	11.7	0.0	0.0	8.0	8.0	22.8	1.0	0.0	0.0	0.0	0.0	51.4
10. LR PP (MW)	0.0	83.8	0.0	0.0	59.3	54.0	71.8	62.6	0.0	0.0	0.0	0.0	69.6
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)	523.00	523.00	523.00	523.00	523.00	523.00	523.00	523.00	0.00	0.00	0.00	0.00	523.00
16. OPER MBTU	2,048,530	2,192,430	1,242,030	1,687,420	2,312,200	2,286,240	2,323,840	2,268,960	0	0	0	0	16,361,650
17. NET GEN (MWH)	285,741	305,145	174,063	232,737	322,822	318,413	323,942	318,537	0	0	0	0	2,281,400
18. ANOHR (BTU/KWH)	7,169.2	7,184.9	7,135.5	7,250.3	7,162.5	7,180.1	7,173.6	7,123.1	0.0	0.0	0.0	0.0	7,171.8
19. NOF %	79.51	83.83	81.57	75.94	82.96	84.56	83.63	84.19	0.00	0.00	0.00	0.00	82.22
20. NPC (MW)	523.00	523.00	523.00	523.00	523.00	523.00	523.00	523.00	0.00	0.00	0.00	0.00	523.00

Duke Energy

ACTUAL UNIT PERFORMANCE DATA - YEAR 2024

Hines Power Block 4	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	Jan - Aug Period
1. EAF	24.92	0.00	35.33	94.27	97.29	97.21	99.91	99.92	0.00	0.00	0.00	0.00	68.95
2. PH	744.0	696.0	743.0	720.0	744.0	720.0	744.0	744.0	0.0	0.0	0.0	0.0	5,855.0
3. SH	185.4	0.0	262.2	676.6	727.5	702.9	744.0	744.0	0.0	0.0	0.0	0.0	4,042.8
4. RSH	0.0	0.0	1.0	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.4
5. UH	558.6	696.0	479.8	41.0	16.5	17.1	0.0	0.0	0.0	0.0	0.0	0.0	1,808.9
6. POH	388.3	696.0	477.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1,562.1
7. FOH	35.5	0.0	2.0	4.6	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	48.1
8. MOH	134.8	0.0	0.0	36.5	10.4	17.1	0.0	0.0	0.0	0.0	0.0	0.0	198.7
9. PPOH	0.0	0.0	58.3	0.0	9.0	17.0	5.8	4.8	0.0	0.0	0.0	0.0	94.8
10. LR PP (MW)	0.0	0.0	6.7	0.0	54.9	53.9	62.4	66.8	0.0	0.0	0.0	0.0	26.1
11. PFOH	0.0	0.0	0.0	0.0	6.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.1
12. LR PF (MW)	0.0	0.0	0.0	0.0	85.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	85.0
13. PMOH	0.0	0.0	0.0	1.3	10.8	7.8	0.0	0.0	0.0	0.0	0.0	0.0	20.0
14. LR PM (MW)	0.0	0.0	0.0	89.6	85.0	85.0	0.0	0.0	0.0	0.0	0.0	0.0	85.3
15. NSC (MW)	525.00	525.00	525.00	525.00	525.00	525.00	525.00	525.00	0.00	0.00	0.00	0.00	525.00
16. OPER MBTU	568,280	0	660,740	2,002,050	2,282,990	2,293,380	2,392,480	2,439,750	0	0	0	0	12,639,670
17. NET GEN (MWH)	79,649	0	91,913	284,186	322,865	324,013	338,738	348,321	0	0	0	0	1,789,685
18. ANOHR (BTU/KWH)	7,134.8	0.0	7,188.8	7,044.9	7,071.0	7,078.0	7,062.9	7,004.3	0.0	0.0	0.0	0.0	7,062.5
19. NOF %	81.82	0.00	66.76	80.00	84.53	87.80	86.72	89.18	0.00	0.00	0.00	0.00	84.32
20. NPC (MW)	525.00	525.00	525.00	525.00	525.00	525.00	525.00	525.00	0.00	0.00	0.00	0.00	525.00

Duke Energy

ACTUAL UNIT PERFORMANCE DATA - YEAR 2024

Osprey CC	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	Jan - Aug Period
1. EAF	52.55	95.36	93.51	0.00	80.48	95.41	97.94	100.00	0.00	0.00	0.00	0.00	76.99
2. PH	744.0	696.0	743.0	720.0	744.0	720.0	744.0	744.0	0.0	0.0	0.0	0.0	5,855.0
3. SH	270.0	574.5	550.0	0.0	555.7	690.9	731.2	735.6	0.0	0.0	0.0	0.0	4,108.0
4. RSH	120.9	96.6	144.8	0.0	43.1	0.0	0.0	8.4	0.0	0.0	0.0	0.0	413.8
5. UH	353.1	24.8	48.2	720.0	145.2	29.1	12.8	0.0	0.0	0.0	0.0	0.0	1,333.2
6. POH	0.0	0.0	48.0	720.0	144.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	912.0
7. FOH	353.1	0.0	0.2	0.0	1.2	2.5	0.0	0.0	0.0	0.0	0.0	0.0	357.0
8. MOH	0.0	24.8	0.0	0.0	0.1	26.5	12.8	0.0	0.0	0.0	0.0	0.0	64.2
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	51.9	0.0	0.0	0.0	0.0	0.0	51.9
12. LR PF (MW)	0.0	0.0	0.0	0.0	0.0	0.0	29.5	0.0	0.0	0.0	0.0	0.0	29.5
13. PMOH	0.0	34.4	0.0	0.0	0.1	14.2	0.0	0.0	0.0	0.0	0.0	0.0	48.7
14. LR PM (MW)	0.0	131.0	0.0	0.0	169.0	169.0	0.0	0.0	0.0	0.0	0.0	0.0	142.1
15. NSC (MW)	606.00	606.00	606.00	606.00	606.00	606.00	606.00	606.00	0.00	0.00	0.00	0.00	606.00
16. OPER MBTU	700,660	1,601,950	1,388,650	0	1,631,010	2,129,570	2,630,820	2,665,540	0	0	0	0	12,748,200
17. NET GEN (MWH)	89,359	215,615	187,259	0	216,224	264,642	367,260	371,281	0	0	0	0	1,711,640
18. ANOHR (BTU/KWH)	7,841.0	7,429.7	7,415.7	0.0	7,543.1	8,047.0	7,163.4	7,179.3	0.0	0.0	0.0	0.0	7,447.9
19. NOF %	54.61	61.93	56.18	0.00	64.21	63.21	82.88	83.29	0.00	0.00	0.00	0.00	68.76
20. NPC (MW)	606.00	606.00	606.00	606.00	606.00	606.00	606.00	606.00	0.00	0.00	0.00	0.00	606.00

Duke Energy Florida

ACTUAL UNIT EVENT DATA - January to August 2024

Bartow CC

Unit	Date	Outage Type	Hours	MW Affected	Description
BCC 4A	12/31/2023	FMO	57.10	181.0	GAS TURBINE VIBRATION
BCC 4A	1/3/2024	FMO	23.88	181.0	GAS TURBINE VIBRATION
BCC 4A	1/9/2024	FFO	40.58	181.0	FLASHBACK INCLUDING INSTRUMENTATION
BCC 4A	1/11/2024	FFO	152.10	181.0	FLASHBACK INCLUDING INSTRUMENTATION
BCC 4A	2/4/2024	FFO	0.52	181.0	OTHER SWITCHYARD EQUIPMENT – EXTERNAL (NOT OMC)
BCC 4A	2/14/2024	FMO	1.17	181.0	FUEL PIPING AND VALVES
BCC 4A	2/21/2024	FMO	48.65	181.0	OTHER CONTROLS AND INSTRUMENTATION PROBLEMS
BCC 4A	3/15/2024	FFO	7.75	181.0	GAS FUEL SYSTEM INCLUDING CONTROLS AND INSTRUMENTATION
BCC 4A	3/17/2024	FMO	87.20	181.0	OTHER MISCELLANEOUS GAS TURBINE PROBLEMS
BCC 4A	4/4/2024	FMO	21.02	181.0	AC CIRCUIT BREAKERS
BCC 4A	4/29/2024	FMO	75.88	181.0	INLET AIR FILTERS
BCC 4A	5/4/2024	FFO	0.48	181.0	FUEL PIPING AND VALVES
BCC 4A	8/19/2024	FFO	12.25	181.0	GAS TURBINE CONTROL SYSTEM - HARDWARE PROBLEMS
BCC 4B	1/22/2024	FFO	70.23	165.0	GENERATOR VOLTAGE CONTROL
BCC 4B	3/1/2024	PO	205.32	165.0	BOROSCOPE INSPECTION
BCC 4B	3/12/2024	FFO	4.13	165.0	BLADE PATH TEMPERATURE SPREAD
BCC 4B	8/7/2024	FFO	7.17	165.0	FUEL PIPING AND VALVES
BCC 4B	8/12/2024	FFO	29.37	165.0	FUEL PIPING AND VALVES
BCC 4B	8/16/2024	FMO	16.32	165.0	FUEL PIPING AND VALVES
BCC 4C	2/19/2024	FMO	16.40	181.0	GAS TURBINE PERFORMANCE TESTING
BCC 4C	3/1/2024	PO	1,353.15	181.0	MAJOR OVERHAUL
BCC 4C	4/28/2024	FFO	1.03	181.0	LUBE OIL PUMPS
BCC 4C	5/8/2024	FFO	7.80	181.0	LUBE OIL PUMPS
BCC 4D	2/13/2024	FMO	2.43	183.0	FUEL PIPING AND VALVES
BCC 4D	2/26/2024	FMO	56.75	183.0	NERC RELIABILITY STANDARD REQUIREMENT
BCC 4D	6/26/2024	FMO	3.67	183.0	FUEL PIPING AND VALVES
BCC 4S	1/12/2024	PFO	123.37	177.0	REHEAT STOP VALVES
BCC 4S	1/22/2024	FMO	64.18	402.0	HP EXTRACTION STEAM PIPING
BCC 4S	1/25/2024	PMO	120.00	76.0	FEEDWATER PUMP
BCC 4S	3/1/2024	PPO	1,402.55	76.0	MAJOR OVERHAUL
BCC 4S	3/1/2024	PPO	205.32	175.0	BOROSCOPE INSPECTION
BCC 4S	3/12/2024	PFO	4.13	175.0	BLADE PATH TEMPERATURE SPREAD
BCC 4S	3/15/2024	PFO	7.75	76.0	GAS FUEL SYSTEM INCLUDING CONTROLS AND INSTRUMENTATION
BCC 4S	3/17/2024	PMO	87.20	175.0	OTHER MISCELLANEOUS GAS TURBINE PROBLEMS
BCC 4S	3/21/2024	PFO	4.08	175.0	400-700-VOLT TRANSFORMERS
BCC 4S	3/25/2024	PMO	41.00	175.0	CONDENSER TUBE CLEANING SYSTEM INCLUDING DEBRIS FILTER
BCC 4S	4/4/2024	PMO	20.85	175.0	AC CIRCUIT BREAKERS
BCC 4S	4/16/2024	FFO	4.27	402.0	DCS - HARDWARE PROBLEMS
BCC 4S	4/29/2024	PMO	75.88	76.0	INLET AIR FILTERS
BCC 4S	5/6/2024	PFO	42.08	76.0	FEEDWATER PUMP
BCC 4S	5/28/2024	PFO	37.47	175.0	CONDENSER TUBE LEAK

Duke Energy Florida

ACTUAL UNIT EVENT DATA - January to August 2024

Bartow CC

Unit	Date	Outage Type	Hours	MW Affected	Description
BCC 4S	6/26/2024	PMO	3.67	76.0	FUEL PIPING AND VALVES
BCC 4S	7/9/2024	PMO	24.68	76.0	OTHER TURBINE VALVES
BCC 4S	7/16/2024	PFO	17.08	76.0	IP DESUPERHEATER/ATTEMPERATOR PIPING
BCC 4S	8/7/2024	PFO	7.17	37.0	FUEL PIPING AND VALVES
BCC 4S	8/12/2024	PFO	29.37	37.0	FUEL PIPING AND VALVES
BCC 4S	8/16/2024	PMO	16.32	37.0	FUEL PIPING AND VALVES
BCC 4S	8/19/2024	PFO	12.25	37.0	GAS TURBINE CONTROL SYSTEM - HARDWARE PROBLEMS

Duke Energy Florida

ACTUAL UNIT EVENT DATA - January to August 2024

Citrus County Power Block 1

Unit	Date	Outage Type	Hours	MW Affected	Description
CITR 1A	2/4/2024	PFO	20.80	91.0	OPERATOR ERROR
CITR 1A	2/5/2024	FFO	3.78	243.0	CONTROL VALVES
CITR 1A	2/8/2024	PO	505.32	243.0	GENERAL UNIT INSPECTION
CITR 1A	2/29/2024	FMO	18.35	243.0	DIFFERENTIAL EXPANSION
CITR 1A	6/11/2024	FMO	134.55	243.0	IP STARTUP BYPASS SYSTEM VALVES
CITR 1B	2/3/2024	FMO	32.32	242.0	ECONOMIZER PIPING
CITR 1B	2/4/2024	PFO	23.27	90.0	OPERATOR ERROR
CITR 1B	2/9/2024	PO	522.72	242.0	GENERAL UNIT INSPECTION
CITR 1B	4/22/2024	FMO	62.57	242.0	OTHER HIGH PRESSURE PROBLEMS
CITR 1B	6/11/2024	FMO	105.53	242.0	IP STARTUP BYPASS SYSTEM VALVES
CITR ST1	2/3/2024	PMO	32.52	157.0	ECONOMIZER PIPING
CITR ST1	2/4/2024	FFO	20.45	322.0	OPERATOR ERROR
CITR ST1	2/5/2024	FFO	2.17	322.0	OTHER TURBINE VALVES
CITR ST1	2/9/2024	PO	470.75	322.0	GENERAL UNIT INSPECTION
CITR ST1	2/29/2024	FFO	23.38	322.0	DIFFERENTIAL EXPANSION
CITR ST1	4/22/2024	PMO	62.57	227.0	OTHER HIGH PRESSURE PROBLEMS
CITR ST1	5/4/2024	PFO	339.00	52.0	IP STARTUP BYPASS SYSTEM VALVES
CITR ST1	5/23/2024	PFO	24.00	52.0	IP STARTUP BYPASS SYSTEM VALVES
CITR ST1	6/11/2024	FMO	107.77	322.0	IP STARTUP BYPASS SYSTEM VALVES
CITR ST1	6/15/2024	FFO	2.62	322.0	OTHER LP STARTUP BYPASS SYSTEM PROBLEMS

Duke Energy Florida

ACTUAL UNIT EVENT DATA - January to August 2024

Citrus County Power Block 2

Unit	Date	Outage Type	Hours	MW Affected	Description
CITR 2A	1/1/2024	FFO	2.08	241.0	GAS FUEL SYSTEM INCLUDING CONTROLS AND INSTRUMENTATION
CITR 2A	3/9/2024	FMO	128.45	241.0	BLOWDOWN SYSTEM VALVES
CITR 2A	8/8/2024	PMO	4.00	51.2	CIRCULATING WATER PIPING
CITR 2B	2/4/2024	PO	128.48	242.0	HRSG - REFRACTORY & INSULATION
CITR 2B	4/22/2024	FMO	2.13	242.0	OTHER MISCELLANEOUS GENERATOR PROBLEMS
CITR 2B	8/8/2024	PMO	4.00	52.0	CIRCULATING WATER PIPING
CITR ST2	1/1/2024	PFO	2.43	140.4	OTHER FUEL SYSTEM PROBLEMS
CITR ST2	2/2/2024	PPO	166.48	155.0	ECONOMIZER PIPING
CITR ST2	3/9/2024	PMO	128.45	155.0	BLOWDOWN SYSTEM VALVES
CITR ST2	4/22/2024	PMO	2.13	200.0	OTHER MISCELLANEOUS GENERATOR PROBLEMS
CITR ST2	8/8/2024	PMO	4.00	76.0	CIRCULATING WATER PIPING

Duke Energy Florida

ACTUAL UNIT EVENT DATA - January to August 2024

Crystal River 4

Date	Outage Type	Hours	MW Affected	Description
1/13/2024	FFO	119.00	712.0	REHEAT STOP VALVES
1/22/2024	PFO	5.00	355.0	FEEDWATER VALVES (NOT FEEDWATER REGULATING VALVE)
1/27/2024	FMO	324.00	712.0	OTHER MISCELLANEOUS BALANCE OF PLANT PROBLEMS
2/9/2024	FMO	815.50	712.0	OTHER MISCELLANEOUS BOILER AIR AND GAS SYSTEM PROBLEMS
3/16/2024	PFO	7.00	62.0	PULVERIZER EXHAUSTER FAN
3/19/2024	PPO	3.23	161.0	PRIMARY AIR DUCT AND DAMPERS
3/20/2024	PFO	2.00	453.0	OIL AND GAS FIRES
3/22/2024	PFO	119.50	112.0	PULVERIZER MILLS
4/4/2024	PMO	12.00	537.0	HEATER DRAIN PUMPS
4/19/2024	PFO	53.00	429.0	FORCED DRAFT FAN CONTROLS
4/22/2024	PPO	1,166.00	112.0	PULVERIZER MILLS
4/22/2024	PPO	6.55	429.0	FORCED DRAFT FAN CONTROLS
4/23/2024	PPO	3.00	429.0	BURNERS
4/23/2024	FFO	3.00	712.0	OTHER PULVERIZER PROBLEMS
4/25/2024	PMO	7.00	387.0	FORCED DRAFT FANS
5/19/2024	PFO	145.00	112.0	PULVERIZER FEEDERS
6/11/2024	PPO	50.80	112.0	PULVERIZER MILLS
6/13/2024	PPO	45.00	112.0	PULVERIZER MILLS
6/16/2024	PPO	27.58	112.0	PULVERIZER MILLS
6/17/2024	PPO	30.42	112.0	PULVERIZER MILLS
6/19/2024	PPO	5.62	502.0	FORCED DRAFT FAN MOTORS
6/24/2024	PFO	408.33	27.0	OTHER FEEDWATER VALVES
6/25/2024	PPO	16.02	112.0	PULVERIZER MILLS
7/16/2024	PFO	22.00	537.0	CONDENSATE POLISHING AND FILTERING SYSTEMS
7/24/2024	PPO	6.00	161.0	INDUCED DRAFT FANS
8/6/2024	PFO	1.00	537.0	MAIN TRANSFORMER
8/7/2024	PFO	40.00	112.0	OTHER PULVERIZER PROBLEMS
8/14/2024	FFO	248.00	712.0	WATERWALL (FURNACE WALL)
8/24/2024	PFO	29.08	112.0	FORCED DRAFT FAN CONTROLS
8/25/2024	FFO	34.08	712.0	INDUCED DRAFT FANS
8/27/2024	PFO	2.25	112.0	INDUCED DRAFT FAN MOTORS AND DRIVES

Duke Energy Florida

ACTUAL UNIT EVENT DATA - January to August 2024

Crystal River 5

Date	Outage Type	Hours	MW Affected	Description
1/1/2024	PFO	5.00	74.0	OTHER MISCELLANEOUS BOILER AIR AND GAS SYSTEM PROBLEMS
1/6/2024	FMO	146.00	698.0	SOOT BLOWERS - STEAM
1/16/2024	PFO	2.00	147.0	OTHER SLAG AND ASH REMOVAL PROBLEMS
1/22/2024	PFO	50.00	51.0	BOILER WATER CONDITION
1/29/2024	PFO	4.00	98.0	PRIMARY AIR FAN DRIVES
2/11/2024	PFO	4.00	128.0	PRIMARY AIR FAN DRIVES
2/14/2024	PFO	13.50	128.0	INDUCED DRAFT FANS
2/17/2024	PO	2,191.87	698.0	IP TURBINE - BUCKETS OR BLADES
5/18/2024	PPO	2.38	638.0	TURBINE PERFORMANCE TESTING
5/18/2024	PO	11.07	698.0	IP TURBINE - BUCKETS OR BLADES
5/18/2024	PPO	5.02	548.0	TURBINE PERFORMANCE TESTING
5/19/2024	PO	6.22	698.0	IP TURBINE - BUCKETS OR BLADES
5/19/2024	PPO	4.52	463.0	TURBINE PERFORMANCE TESTING
5/19/2024	FFO	169.65	698.0	CONTRACTOR ERROR
5/26/2024	PPO	9.13	478.0	TURBINE PERFORMANCE TESTING
5/27/2024	FMO	9.80	698.0	IP TURBINE - BUCKETS OR BLADES
5/27/2024	PPO	15.23	223.0	TURBINE PERFORMANCE TESTING
5/28/2024	FFO	182.70	698.0	IP TURBINE - BUCKETS OR BLADES
6/4/2024	FFO	12.47	698.0	OTHER LOW PRESSURE TURBINE PROBLEMS
6/7/2024	PFO	9.00	48.0	SECONDARY AIR FAN/BLOWER CONTROLS
6/12/2024	PFO	2.38	98.0	PULVERIZER MILLS
6/13/2024	PMO	5.00	48.0	AIR SUPPLY DAMPERS
6/13/2024	PFO	18.00	48.0	PULVERIZER FEEDERS
6/14/2024	PFO	22.00	48.0	PULVERIZER FEEDERS
6/16/2024	PFO	1.22	98.0	PULVERIZER FEEDERS
6/22/2024	PFO	1.00	373.0	PULVERIZER MILLS
7/5/2024	PPO	6.00	70.0	CIRCULATING WATER TEMPERING SYSTEM
7/16/2024	PFO	22.00	448.0	CONDENSATE POLISHING AND FILTERING SYSTEMS
7/25/2024	FMO	153.33	698.0	TRANSMISSION SYSTEM PROBLEMS OTHER THAN CATASTROPHES
8/6/2024	PFO	2.50	373.0	STATION SERVICE POWER DISTRIBUTION SYSTEM
8/7/2024	PFO	40.00	98.0	OTHER PULVERIZER PROBLEMS

Duke Energy Florida

ACTUAL UNIT EVENT DATA - January to August 2024

Hines Power Block 1

Unit	Date	Outage Type	Hours	MW Affected	Description
HEP 1A	1/11/2024	FFO	74.03	167.0	EMERGENCY GENERATOR TRIP DEVICES
HEP 1A	2/22/2024	FMO	190.50	167.0	TRANSMISSION SYSTEM PROBLEM
HEP 1A	4/5/2024	PPO	7.75	87.0	CONDENSER TUBE CLEANING SYSTEM INCLUDING DEBRIS FILTER
HEP 1A	4/8/2024	FFO	20.42	167.0	CONDENSATE/HOTWELL PUMPS
HEP 1A	4/18/2024	FFO	5.17	167.0	OTHER MISCELLANEOUS STEAM TURBINE PROBLEMS
HEP 1A	4/19/2024	FFO	9.50	167.0	OTHER MISCELLANEOUS STEAM TURBINE PROBLEMS
HEP 1A	4/19/2024	FFO	14.93	167.0	OTHER MISCELLANEOUS STEAM TURBINE PROBLEMS
HEP 1A	4/20/2024	FFO	3.82	167.0	OTHER COLD REHEAT STEAM VALVES
HEP 1A	6/21/2024	PPO	7.00	87.0	INTAKE GRATING FOULING
HEP 1A	7/5/2024	PFO	48.78	79.0	CIRCULATING WATER PUMP MOTORS
HEP 1A	7/20/2024	PPO	5.48	79.0	CONDENSER TUBE CLEANING SYSTEM INCLUDING DEBRIS FILTER
HEP 1A	7/26/2024	PPO	0.42	79.0	CIRCULATING WATER PUMPS
HEP 1A	7/29/2024	PPO	2.25	87.0	INTAKE GRATING FOULING
HEP 1A	8/2/2024	PPO	0.75	87.0	CONDENSER TUBE CLEANING SYSTEM INCLUDING DEBRIS FILTER
HEP 1A	8/19/2024	PPO	2.12	87.0	CONDENSER TUBE CLEANING SYSTEM INCLUDING DEBRIS FILTER
HEP 1B	2/22/2024	FMO	202.92	167.0	HIGH PRESSURE HEATER TUBE LEAKS
HEP 1B	3/7/2024	FFO	30.00	167.0	GENERATOR CURRENT AND POTENTIAL TRANSFORMERS
HEP 1B	4/4/2024	FFO	19.82	167.0	EMERGENCY GENERATOR TRIP DEVICES
HEP 1B	4/5/2024	PPO	6.88	87.0	CONDENSER TUBE CLEANING SYSTEM INCLUDING DEBRIS FILTER
HEP 1B	4/18/2024	FFO	47.67	167.0	OTHER MISCELLANEOUS STEAM TURBINE PROBLEMS
HEP 1B	4/20/2024	FFO	38.10	167.0	OTHER COLD REHEAT STEAM VALVES
HEP 1B	5/28/2024	FFO	9.72	167.0	EMERGENCY GENERATOR TRIP DEVICES
HEP 1B	6/21/2024	PPO	7.00	87.0	INTAKE GRATING FOULING
HEP 1B	7/5/2024	PFO	48.78	79.0	CIRCULATING WATER PUMP MOTORS
HEP 1B	7/20/2024	PPO	5.48	79.0	CONDENSER TUBE CLEANING SYSTEM INCLUDING DEBRIS FILTER
HEP 1B	7/26/2024	PPO	0.42	79.0	CIRCULATING WATER PUMPS
HEP 1B	7/29/2024	PPO	2.25	78.0	INTAKE GRATING FOULING
HEP 1B	8/2/2024	PPO	0.75	87.0	CONDENSER TUBE CLEANING SYSTEM INCLUDING DEBRIS FILTER
HEP 1B	8/19/2024	PPO	2.12	87.0	CONDENSER TUBE CLEANING SYSTEM INCLUDING DEBRIS FILTER
HEP ST1	2/22/2024	FMO	194.72	167.0	TRANSMISSION SYSTEM PROBLEM
HEP ST1	4/5/2024	PPO	7.75	125.0	CONDENSER TUBE CLEANING SYSTEM INCLUDING DEBRIS FILTER
HEP ST1	4/18/2024	FFO	7.95	167.0	OTHER MISCELLANEOUS STEAM TURBINE PROBLEMS
HEP ST1	4/19/2024	FFO	28.12	167.0	OTHER MISCELLANEOUS STEAM TURBINE PROBLEMS
HEP ST1	4/20/2024	FFO	6.10	167.0	OTHER COLD REHEAT STEAM VALVES
HEP ST1	6/21/2024	PPO	7.00	125.0	INTAKE GRATING FOULING
HEP ST1	7/5/2024	PFO	48.78	121.0	CIRCULATING WATER PUMP MOTORS
HEP ST1	7/20/2024	PPO	5.48	103.0	CONDENSER TUBE CLEANING SYSTEM INCLUDING DEBRIS FILTER
HEP ST1	7/26/2024	PPO	0.42	121.0	CIRCULATING WATER PUMPS
HEP ST1	7/29/2024	PPO	2.25	125.0	INTAKE GRATING FOULING
HEP ST1	8/2/2024	PPO	0.75	87.0	CONDENSER TUBE CLEANING SYSTEM INCLUDING DEBRIS FILTER
HEP ST1	8/19/2024	PPO	2.12	87.0	CONDENSER TUBE CLEANING SYSTEM INCLUDING DEBRIS FILTER

Duke Energy Florida

ACTUAL UNIT EVENT DATA - January to August 2024

Hines Power Block 3

Unit	Date	Outage Type	Hours	MW Affected	Description
HEP 3A	1/16/2024	FFO	12.48	171.0	OTHER MISCELLANEOUS GAS TURBINE PROBLEMS
HEP 3A	2/20/2024	PPO	11.65	71.0	CONDENSER TUBE FOULING TUBE SIDE
HEP 3A	3/18/2024	FMO	239.00	171.0	TURBINE PERFORMANCE TESTING
HEP 3A	4/13/2024	FFO	16.00	171.0	OTHER TURBINE VALVES
HEP 3A	5/16/2024	PPO	8.00	66.0	CONDENSER TUBE FOULING TUBE SIDE
HEP 3A	6/12/2024	PPO	4.00	58.0	CONDENSER TUBE FOULING TUBE SIDE
HEP 3A	6/20/2024	PPO	4.00	58.0	CONDENSER TUBE FOULING TUBE SIDE
HEP 3A	7/9/2024	PPO	13.00	71.0	CONDENSER TUBE FOULING TUBE SIDE
HEP 3A	7/12/2024	PPO	2.00	71.0	INTAKE GRATING FOULING
HEP 3A	7/26/2024	PPO	0.75	71.0	INTAKE GRATING FOULING
HEP 3A	7/30/2024	PPO	7.00	71.0	INTAKE GRATING FOULING
HEP 3A	8/9/2024	PPO	1.00	71.0	INTAKE SYSTEM PROBLEMS OTHER THAN TRAVELING SCREENS
HEP 3A	8/21/2024	FMO	4.00	171.0	OTHER LP STEAM SYSTEM PROBLEMS
HEP 3A	8/29/2024	FMO	45.13	171.0	DESUPERHEATER/ATTEMPERATOR CONTROLS
HEP 3B	1/7/2024	FFO	26.45	176.0	SCR NOX OTHER AMMONIA SYSTEM PROBLEMS
HEP 3B	2/20/2024	PPO	11.65	76.0	CONDENSER TUBE FOULING TUBE SIDE
HEP 3B	3/18/2024	FMO	239.00	176.0	TURBINE PERFORMANCE TESTING
HEP 3B	4/17/2024	FFO	2.00	176.0	OTHER TURBINE VALVES
HEP 3B	5/16/2024	PPO	8.00	71.0	CONDENSER TUBE FOULING TUBE SIDE
HEP 3B	6/12/2024	PPO	4.00	63.0	CONDENSER TUBE FOULING TUBE SIDE
HEP 3B	6/20/2024	PPO	4.00	63.0	CONDENSER TUBE FOULING TUBE SIDE
HEP 3B	7/9/2024	PPO	13.00	76.0	CONDENSER TUBE FOULING TUBE SIDE
HEP 3B	7/12/2024	PPO	2.00	76.0	INTAKE GRATING FOULING
HEP 3B	7/25/2024	FFO	10.00	176.0	COOLING WATER SYSTEM
HEP 3B	7/26/2024	PPO	0.75	76.0	INTAKE GRATING FOULING
HEP 3B	7/30/2024	PPO	7.00	76.0	INTAKE GRATING FOULING
HEP 3B	8/9/2024	PPO	1.00	76.0	INTAKE GRATING FOULING
HEP 3B	8/21/2024	FMO	4.00	176.0	OTHER HP STEAM SYSTEM PROBLEMS
HEP ST3	2/20/2024	PPO	11.65	104.0	CONDENSER TUBE FOULING TUBE SIDE
HEP ST3	3/18/2024	FMO	239.00	176.0	TURBINE PERFORMANCE TESTING
HEP ST3	4/13/2024	FFO	16.00	176.0	OTHER TURBINE VALVES
HEP ST3	5/16/2024	PPO	8.00	41.0	CONDENSER TUBE FOULING TUBE SIDE
HEP ST3	6/12/2024	PPO	4.00	41.0	INTAKE GRATING FOULING
HEP ST3	6/20/2024	PPO	4.00	41.0	INTAKE GRATING FOULING
HEP ST3	7/9/2024	PPO	13.00	41.0	CONDENSER TUBE FOULING TUBE SIDE
HEP ST3	7/12/2024	PPO	2.00	41.0	INTAKE GRATING FOULING
HEP ST3	7/26/2024	PPO	0.75	41.0	INTAKE GRATING FOULING
HEP ST3	7/30/2024	PPO	7.00	41.0	INTAKE GRATING FOULING
HEP ST3	8/9/2024	PPO	1.00	41.0	INTAKE GRATING FOULING
HEP ST3	8/21/2024	FMO	4.00	176.0	OTHER HP STEAM SYSTEM PROBLEMS

Duke Energy Florida

ACTUAL UNIT EVENT DATA - January to August 2024

Hines Power Block 4

Unit	Date	Outage Type	Hours	MW Affected	Description
HEP 4A	1/3/2024	FMO	128.10	171.0	GENERAL UNIT INSPECTION
HEP 4A	1/11/2024	PO	1,645.07	171.0	GENERAL UNIT INSPECTION
HEP 4A	3/21/2024	PO	38.00	171.0	GENERAL UNIT INSPECTION
HEP 4A	3/25/2024	PO	134.00	171.0	GENERAL UNIT INSPECTION
HEP 4A	4/5/2024	FMO	80.00	171.0	BALANCE OF PLANT OVERHAUL/OUTAGE
HEP 4A	4/8/2024	FMO	24.00	171.0	BALANCE OF PLANT OVERHAUL/OUTAGE
HEP 4A	4/9/2024	FFO	14.00	171.0	OTHER AUXILIARY STEAM PROBLEMS
HEP 4A	4/22/2024	FMO	8.00	171.0	OTHER VOLTAGE PROTECTION DEVICES
HEP 4A	5/13/2024	PPO	7.00	61.0	CONDENSER TUBE FOULING TUBE SIDE
HEP 4A	5/21/2024	FMO	32.00	171.0	OTHER IP STEAM SYSTEM PROBLEMS
HEP 4A	5/31/2024	PPO	3.00	61.0	INTAKE GRATING FOULING
HEP 4A	6/13/2024	FMO	8.00	171.0	SEAL OIL SYSTEM AND SEALS
HEP 4A	6/20/2024	PPO	4.00	58.0	INTAKE GRATING FOULING
HEP 4A	6/27/2024	PPO	12.00	61.0	CONDENSER TUBE FOULING TUBE SIDE
HEP 4A	7/10/2024	PPO	1.00	67.0	INTAKE GRATING FOULING
HEP 4A	7/12/2024	PPO	2.00	71.0	INTAKE GRATING FOULING
HEP 4A	7/26/2024	PPO	0.75	71.0	INTAKE GRATING FOULING
HEP 4A	7/29/2024	PPO	1.00	71.0	INTAKE GRATING FOULING
HEP 4A	7/31/2024	PPO	1.00	93.3	INTAKE GRATING FOULING
HEP 4A	8/2/2024	PPO	0.75	54.0	INTAKE GRATING FOULING
HEP 4A	8/9/2024	PPO	4.00	56.0	INTAKE GRATING FOULING
HEP 4B	1/3/2024	FMO	144.02	176.0	GENERAL UNIT INSPECTION
HEP 4B	1/15/2024	FFO	22.55	176.0	OTHER HYDRAULIC SYSTEM PROBLEMS
HEP 4B	1/16/2024	FFO	30.00	176.0	TURNING GEAR AND MOTOR
HEP 4B	1/17/2024	PO	1,434.00	176.0	GENERAL UNIT INSPECTION
HEP 4B	3/31/2024	FFO	6.00	176.0	IP DRUM
HEP 4B	4/22/2024	PMO	2.00	68.0	SERVICE WATER PUMPS AND MOTORS
HEP 4B	5/13/2024	PPO	7.00	66.0	CONDENSER TUBE FOULING TUBE SIDE
HEP 4B	5/25/2024	FFO	18.00	176.0	LUBE OIL SYSTEM - GENERAL
HEP 4B	5/31/2024	PPO	3.00	66.0	INTAKE GRATING FOULING
HEP 4B	6/13/2024	FMO	11.00	176.0	SEAL OIL SYSTEM AND SEALS
HEP 4B	6/16/2024	FMO	23.00	176.0	MAIN TRANSFORMER
HEP 4B	6/20/2024	PPO	4.00	66.0	INTAKE GRATING FOULING
HEP 4B	6/27/2024	PPO	12.00	63.0	CONDENSER TUBE FOULING TUBE SIDE
HEP 4B	7/10/2024	PPO	1.00	72.0	INTAKE GRATING FOULING
HEP 4B	7/12/2024	PPO	2.00	76.0	INTAKE GRATING FOULING
HEP 4B	7/26/2024	PPO	0.75	76.0	INTAKE GRATING FOULING
HEP 4B	7/29/2024	PPO	1.00	76.0	INTAKE GRATING FOULING
HEP 4B	7/31/2024	PPO	1.00	100.0	INTAKE GRATING FOULING
HEP 4B	8/2/2024	PPO	0.75	61.0	INTAKE GRATING FOULING
HEP 4B	8/9/2024	PPO	4.00	61.0	INTAKE GRATING FOULING

Duke Energy Florida

ACTUAL UNIT EVENT DATA - January to August 2024

Hines Power Block 4

Unit	Date	Outage Type	Hours	MW Affected	Description
HEP ST4	1/3/2024	FMO	131.98	178.0	GENERAL UNIT INSPECTION
HEP ST4	1/15/2024	FFO	22.75	178.0	OTHER HYDRAULIC SYSTEM PROBLEMS
HEP ST4	1/16/2024	FFO	30.00	178.0	TURNING GEAR AND MOTOR
HEP ST4	1/17/2024	PO	1,443.75	178.0	GENERAL UNIT INSPECTION
HEP ST4	3/21/2024	PPO	38.00	6.7	GENERAL UNIT INSPECTION
HEP ST4	3/25/2024	PPO	134.00	6.7	GENERAL UNIT INSPECTION
HEP ST4	4/22/2024	PMO	2.00	111.0	SERVICE WATER PUMPS AND MOTORS
HEP ST4	5/13/2024	PPO	7.00	38.0	CONDENSER TUBE FOULING TUBE SIDE
HEP ST4	5/21/2024	PMO	32.00	85.0	OTHER IP STEAM SYSTEM PROBLEMS
HEP ST4	5/25/2024	PFO	18.00	85.0	LUBE OIL SYSTEM - GENERAL
HEP ST4	5/31/2024	PPO	3.00	38.0	INTAKE GRATING FOULING
HEP ST4	6/13/2024	FMO	9.00	178.0	SEAL OIL SYSTEM AND SEALS
HEP ST4	6/16/2024	PMO	23.00	85.0	MAIN TRANSFORMER
HEP ST4	6/20/2024	PPO	4.00	38.0	CONDENSER TUBE FOULING TUBE SIDE
HEP ST4	6/27/2024	PPO	12.00	38.0	INTAKE GRATING FOULING
HEP ST4	7/10/2024	PPO	1.00	38.0	INTAKE GRATING FOULING
HEP ST4	7/12/2024	PPO	2.00	38.0	INTAKE GRATING FOULING
HEP ST4	7/26/2024	PPO	0.75	43.0	INTAKE GRATING FOULING
HEP ST4	7/29/2024	PPO	1.00	43.0	INTAKE GRATING FOULING
HEP ST4	7/31/2024	PPO	1.00	6.0	INTAKE GRATING FOULING
HEP ST4	8/2/2024	PPO	0.75	83.0	INTAKE GRATING FOULING
HEP ST4	8/9/2024	PPO	4.00	83.0	INTAKE GRATING FOULING

Duke Energy Florida

ACTUAL UNIT EVENT DATA - January to August 2024

Osprey CC

Unit	Date	Outage Type	Hours	MW Affected	Description
OSP CT1	12/31/2023	FFO	351.57	179.0	EMERGENCY GENERATOR TRIP DEVICES
OSP CT1	1/17/2024	FFO	0.40	179.0	GAS FUEL SYSTEM INCLUDING CONTROLS AND INSTRUMENTATION
OSP CT1	1/17/2024	FFO	1.00	179.0	GAS FUEL SYSTEM INCLUDING CONTROLS AND INSTRUMENTATION
OSP CT1	3/29/2024	PO	840.17	179.0	GENERAL UNIT INSPECTION
OSP CT1	5/4/2024	PO	71.98	179.0	GENERAL UNIT INSPECTION
OSP CT1	5/7/2024	FFO	0.63	179.0	OTHER MISCELLANEOUS GAS TURBINE PROBLEMS
OSP CT1	5/7/2024	FFO	0.48	179.0	OTHER CONTROLS AND INSTRUMENTATION PROBLEMS
OSP CT1	5/7/2024	FFO	2.85	179.0	OTHER MISCELLANEOUS GAS TURBINE PROBLEMS
OSP CT1	6/25/2024	FMO	18.03	179.0	TRANSMISSION SYSTEM PROBLEM
OSP CT1	7/1/2024	FMO	12.35	179.0	SWITCHYARD SYSTEM PROTECTION DEVICES – EXTERNAL (OMC)
OSP CT1	7/7/2024	PFO	51.93	10.0	SWITCHYARD TRANSFORMERS AND ASSOCIATED COOLING SYSTEMS
OSP CT1	8/6/2024	FFO	0.08	179.0	STARTING SYSTEM (INCLUDING MOTOR)
OSP CT2	12/31/2023	FFO	351.57	179.0	EMERGENCY GENERATOR TRIP DEVICES
OSP CT2	1/18/2024	FFO	0.35	179.0	GAS FUEL SYSTEM INCLUDING CONTROLS AND INSTRUMENTATION
OSP CT2	1/18/2024	FFO	0.37	179.0	OTHER FUEL SYSTEM PROBLEMS
OSP CT2	1/24/2024	FFO	0.22	179.0	BLADE PATH TEMPERATURE SPREAD
OSP CT2	1/24/2024	FFO	0.13	179.0	BLADE PATH TEMPERATURE SPREAD
OSP CT2	2/4/2024	FMO	84.07	179.0	TURBINE OVERSPEED TRIP TEST - GAS TURBINE
OSP CT2	3/15/2024	FFO	0.33	179.0	BLADE PATH TEMPERATURE SPREAD
OSP CT2	3/17/2024	FFO	0.32	179.0	BLADE PATH TEMPERATURE SPREAD
OSP CT2	3/30/2024	PO	840.00	179.0	GENERAL UNIT INSPECTION
OSP CT2	5/4/2024	PO	71.98	179.0	GENERAL UNIT INSPECTION
OSP CT2	5/31/2024	FMO	34.83	179.0	BLOWDOWN SYSTEM PIPING
OSP CT2	6/14/2024	FFO	8.63	179.0	GAS TURBINE VIBRATION
OSP CT2	6/25/2024	FMO	16.63	179.0	TRANSMISSION SYSTEM PROBLEM
OSP CT2	7/1/2024	FMO	12.98	179.0	SWITCHYARD SYSTEM PROTECTION DEVICES – EXTERNAL (OMC)
OSP CT2	7/7/2024	PFO	51.93	9.6	SWITCHYARD TRANSFORMERS AND ASSOCIATED COOLING SYSTEMS
OSP ST1	12/31/2023	FFO	351.57	248.0	EMERGENCY GENERATOR TRIP DEVICES
OSP ST1	1/17/2024	FFO	0.40	248.0	GAS FUEL SYSTEM INCLUDING CONTROLS AND INSTRUMENTATION
OSP ST1	1/17/2024	FFO	1.45	248.0	GAS FUEL SYSTEM INCLUDING CONTROLS AND INSTRUMENTATION
OSP ST1	2/4/2024	PMO	84.07	131.0	TURBINE OVERSPEED TRIP TEST - GAS TURBINE
OSP ST1	3/30/2024	PO	839.95	248.0	GENERAL UNIT INSPECTION
OSP ST1	5/4/2024	PO	71.98	248.0	GENERAL UNIT INSPECTION
OSP ST1	5/31/2024	PMO	34.83	169.0	BLOWDOWN SYSTEM PIPING
OSP ST1	6/25/2024	FMO	14.80	248.0	TRANSMISSION SYSTEM PROBLEM
OSP ST1	7/1/2024	FMO	13.00	248.0	SWITCHYARD SYSTEM PROTECTION DEVICES – EXTERNAL (OMC)
OSP ST1	7/7/2024	PFO	51.93	58.0	SWITCHYARD TRANSFORMERS AND ASSOCIATED COOLING SYSTEMS