



Matthew R. Bernier
ASSOCIATE GENERAL COUNSEL

March 20, 2020

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 2020*
Docket No. 20200001-EI

Dear Mr. Teitzman:

Attached for electronic filing in the above-referenced Docket is Duke Energy Florida, LLC's Performance Data Report for February 2020.

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

Sincerely,

/s/ Matthew R. Bernier

Matthew R. Bernier

MRB/cm
Attachment

cc: Director, Division of Engineering, FPSC

CERTIFICATE OF SERVICE

Docket No. 20200001-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 20th day of March, 2020.

/s/ Matthew R. Bernier

Attorney

<p>Suzanne Brownless Office of General Counsel FL Public Service Commission 2540 Shumard Oak Blvd. Tallahassee, FL 32399-0850 sbrownle@psc.state.fl.us</p> <p>J. Beasley / J. Wahlen / M. Means Ausley McMullen P.O. Box 391 Tallahassee, FL 32302 jbeasley@ausley.com jwahlen@ausley.com mmeans@ausley.com</p> <p>Russell A. Badders Gulf Power Company One Energy Place Pensacola, FL 32520 russell.badders@nexteraenergy.com</p> <p>Kenneth A. Hoffman Florida Power & Light Company 134 W. Jefferson Street Tallahassee, FL 32301-1713 ken.hoffman@fpl.com</p> <p>Jon C. Moyle, Jr. Moyle Law Firm, P.A. 118 North Gadsden Street Tallahassee, FL 32301 jmoyle@moylelaw.com mqualls@moylelaw.com</p>	<p>J.R. Kelly / T. David Office of Public Counsel 111 W. Madison St., Room 812 Tallahassee, FL 32399-1400 kelly.jr@leg.state.fl.us david.tad@leg.state.fl.us</p> <p>Paula K. Brown Regulatory Affairs Tampa Electric Company P.O. Box 111 Tampa, FL 33601-0111 regdept@tecoenergy.com</p> <p>Maria Moncada / David Lee Florida Power & Light Company 700 Universe Blvd. (LAW/JB) Juno Beach, FL 33408-0420 maria.moncada@fpl.com david.lee@fpl.com</p> <p>James Brew / Laura W. Baker Stone Law Firm 1025 Thomas Jefferson St., N.W. Suite 800 West Washington, DC 20007 jbrew@smxblaw.com lwb@smxblaw.com</p> <p>Mike Cassel Florida Public Utilities Company 208 Wildlight Avenue Yulee, FL 32097 mcassel@fpuc.com</p> <p>Beth Keating Gunster, Yoakley & Stewart, P.A. 215 South Monroe Street, Suite 601 Tallahassee, FL 32301 bkeating@gunster.com</p>
---	--

Duke Energy Florida

ACTUAL UNIT PERFORMANCE DATA -- YEAR 2020

Bartow CC	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20	Jul-20	Aug-20	Sep-20	Oct-20	Nov-20	Dec-20	Jan - Feb Period
1. EAF	83.93	98.99	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	91.21
2. PH	744	696	0	0	0	0	0	0	0	0	0	0	1,440
3. SH	615.8	621.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1,237.0
4. RSH	8.6	69.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	77.6
5. UH	119.6	5.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	125.5
6. POH	119.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	119.2
7. FOH	0.4	5.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.1
8. MOH	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3
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	11.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.2
12. LR PF (MW)	0.0	108.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	108.2
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)	1080	1080	0	0	0	0	0	0	0	0	0	0	1080
16. OPER MBTU	4,050,994	4,286,777	0	0	0	0	0	0	0	0	0	0	8,337,771
17. NET GEN (MWH)	555,214	552,497	0	0	0	0	0	0	0	0	0	0	1,107,711
18. ANOHR (BTU/KWH)	7,296.3	7,758.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7,527.0
19. NOF (%)	83.48	82.36	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	82.92
20. NPC (MW)	1080	1080	0	0	0	0	0	0	0	0	0	0	1080

Duke Energy Florida

ACTUAL UNIT PERFORMANCE DATA -- YEAR 2020

OSPREY CC	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20	Jul-20	Aug-20	Sep-20	Oct-20	Nov-20	Dec-20	Jan - Feb Period
1. EAF	99.53	96.55	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	98.09
2. PH	744	696	0	0	0	0	0	0	0	0	0	0	1,440
3. SH	194.4	47.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	241.7
4. RSH	546.7	624.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1,171.5
5. UH	2.8	24.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	26.8
6. POH	0.0	24.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	24.0
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	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.3
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	3.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.5
12. LR PF (MW)	111.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	111.3
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)	582	582	0	0	0	0	0	0	0	0	0	0	582
16. OPER MBTU	541,636	110,673	0	0	0	0	0	0	0	0	0	0	652,310
17. NET GEN (MWH)	71,968	14,619	0	0	0	0	0	0	0	0	0	0	86,587
18. ANOHR (BTU/KWH)	7,526.1	7,570.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7,533.6
19. NOF (%)	63.60	53.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	61.55
20. NPC (MW)	582	582	0	0	0	0	0	0	0	0	0	0	582

Duke Energy Florida

ACTUAL UNIT PERFORMANCE DATA -- YEAR 2020

HINES Power Block 1	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20	Jul-20	Aug-20	Sep-20	Oct-20	Nov-20	Dec-20	Jan - Feb Period
1. EAF	98.88	88.34	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	93.79
2. PH	744	696	0	0	0	0	0	0	0	0	0	0	1,440
3. SH	259.0	575.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	834.2
4. RSH	476.7	42.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	518.9
5. UH	8.3	78.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	86.8
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	8.3	61.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	69.7
8. MOH	0.0	17.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	17.1
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	16.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16.6
12. LR PF (MW)	0.0	77.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	77.0
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)	490	490	0	0	0	0	0	0	0	0	0	0	490
16. OPER MBTU	780,815	1,648,431	0	0	0	0	0	0	0	0	0	0	2,429,246
17. NET GEN (MWH)	102,818	215,761	0	0	0	0	0	0	0	0	0	0	318,579
18. ANOHR (BTU/KWH)	7,594.1	7,640.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7,625.3
19. NOF (%)	81.02	76.55	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	77.94
20. NPC (MW)	490	490	0	0	0	0	0	0	0	0	0	0	490

Duke Energy Florida

ACTUAL UNIT PERFORMANCE DATA -- YEAR 2020

HINES Power Block 2	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20	Jul-20	Aug-20	Sep-20	Oct-20	Nov-20	Dec-20	Jan - Feb Period
1. EAF	100.00	94.56	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	97.37
2. PH	744	696	0	0	0	0	0	0	0	0	0	0	1,440
3. SH	703.6	559.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1,262.7
4. RSH	40.5	99.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	139.4
5. UH	0.0	37.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	37.9
6. POH	0.0	24.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	24.2
7. FOH	0.0	6.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.9
8. MOH	0.0	6.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.8
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)	524	524	0	0	0	0	0	0	0	0	0	0	524
16. OPER MBTU	2,149,462	1,871,576	0	0	0	0	0	0	0	0	0	0	4,021,038
17. NET GEN (MWH)	290,864	252,437	0	0	0	0	0	0	0	0	0	0	543,301
18. ANOHR (BTU/KWH)	7,389.9	7,414.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7,401.1
19. NOF (%)	78.90	86.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	82.11
20. NPC (MW)	524	524	0	0	0	0	0	0	0	0	0	0	524

Duke Energy Florida

ACTUAL UNIT PERFORMANCE DATA -- YEAR 2020

HINES Power Block 3	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20	Jul-20	Aug-20	Sep-20	Oct-20	Nov-20	Dec-20	Jan - Feb Period
1. EAF	100.00	99.52	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	99.77
2. PH	744	696	0	0	0	0	0	0	0	0	0	0	1,440
3. SH	460.1	460.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	920.2
4. RSH	284.0	233.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	516.9
5. UH	0.0	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.8
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	0.0	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.8
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	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0
12. LR PF (MW)	0.0	61.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	61.6
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)	515	515	0	0	0	0	0	0	0	0	0	0	515
16. OPER MBTU	1,364,781	1,411,103	0	0	0	0	0	0	0	0	0	0	2,775,884
17. NET GEN (MWH)	181,972	196,056	0	0	0	0	0	0	0	0	0	0	378,028
18. ANOHR (BTU/KWH)	7,499.9	7,197.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7,343.1
19. NOF (%)	76.81	82.72	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	79.77
20. NPC (MW)	515	515	0	0	0	0	0	0	0	0	0	0	515

Duke Energy Florida

ACTUAL UNIT PERFORMANCE DATA -- YEAR 2020

HINES Power Block 4	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20	Jul-20	Aug-20	Sep-20	Oct-20	Nov-20	Dec-20	Jan - Feb Period
1. EAF	99.14	100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	99.55
2. PH	744	696	0	0	0	0	0	0	0	0	0	0	1,440
3. SH	720.9	648.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1,369.8
4. RSH	17.6	47.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	64.7
5. UH	5.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.6
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	5.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.6
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	5.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.6
12. LR PF (MW)	78.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	78.1
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)	516	516	0	0	0	0	0	0	0	0	0	0	516
16. OPER MBTU	2,200,579	1,936,502	0	0	0	0	0	0	0	0	0	0	4,137,080
17. NET GEN (MWH)	317,533	278,017	0	0	0	0	0	0	0	0	0	0	595,550
18. ANOHR (BTU/KWH)	6,930.2	6,965.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6,946.7
19. NOF (%)	85.37	83.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	84.26
20. NPC (MW)	516	516	0	0	0	0	0	0	0	0	0	0	516

Duke Energy Florida

ACTUAL UNIT EVENT DATA -- January - February 2020

Bartow CC

Unit	Date	Outage Type	Hours	MW Affected	Description
BCC 4A	04-02-20	FMO	1.42	190.8	PROTECTION DEVICES
BCC 4B	01-01-20	PO	668.72	190.8	MAJOR GAS TURBINE OVERHAUL
BCC 4B	28-01-20	PO	14.93	190.8	GAS FUEL SYSTEM WITH CONTROLS AND INSTRUMENTS
BCC 4B	30-01-20	FFO	2.18	190.8	GAS FUEL SYSTEM WITH CONTROLS AND INSTRUMENTS
BCC 4B	12-02-20	FFO	0.08	190.8	IP EXTRACTION STEAM INSTRUMENTS AND CONTROLS
BCC 4B	12-02-20	FFO	3.67	190.8	HP EXTRACTION STEAM INSTRUMENTS AND CONTROLS
BCC 4B	18-02-20	FFO	2.83	190.8	BLADE PATH TEMPERATURE SPREAD
BCC 4B	25-02-20	FFO	15.87	190.8	PILOT FUEL PIPING AND VALVES
BCC 4D	11-02-20	FFO	0.08	190.8	GAS FUEL SYSTEM WITH CONTROLS AND INSTRUMENTS
BCC 4D	15-02-20	FFO	6.25	190.8	GT CONT. SYS. - INTERNAL AND TERMINATION WIRING
BCC 4D	16-02-20	FFO	3.75	190.8	GT CONT. SYS. - INTERNAL AND TERMINATION WIRING
BCC 4S	04-02-20	PFO	1.42	108.3	PROTECTION DEVICES
BCC 4S	12-02-20	PFO	3.67	108.2	HP EXTRACTION STEAM INSTRUMENTS AND CONTROLS
BCC 4S	15-02-20	PFO	6.25	108.2	GT CONT. SYS. - INTERNAL AND TERMINATION WIRING
BCC 4S	16-02-20	PFO	3.75	108.2	GT CONT. SYS. - INTERNAL AND TERMINATION WIRING
BCC 4S	18-02-20	PFO	2.83	108.2	BLADE PATH TEMPERATURE SPREAD
BCC 4S	25-02-20	PFO	15.87	108.2	PILOT FUEL PIPING AND VALVES

Duke Energy Florida

ACTUAL UNIT EVENT DATA -- January - February 2020

Osprey CC

Unit	Date	Outage Type	Hours	MW Affected	Description
OS1CT1	06-01-20	FMO	7.50	175.3	FLASHBACK (INCLUDING INSTRUMENTATION)
OS1CT1	29-02-20	PO	670.98	175.3	GENERAL GAS TURBINE UNIT INSPECTION
OS1CT2	29-02-20	PO	670.98	175.3	GAS TURBINE - BOROSCOPE INSPECTION
OS1ST1	06-01-20	PFO	7.48	111.4	FLASHBACK (INCLUDING INSTRUMENTATION)
OS1ST1	11-01-20	FFO	1.03	231.4	CONDENSER LOSS OF VACUUM
OS1ST1	11-01-20	FFO	0.38	231.4	CONDENSER LOSS OF VACUUM
OS1ST1	29-02-20	PO	670.98	231.4	INSPECTION

Duke Energy Florida

ACTUAL UNIT EVENT DATA -- January - February 2020

Hines Power Block 1

Unit	Date	Outage Type	Hours	MW Affected	Description
HEP 1A	20-01-20	FFO	24.95	163.0	COMBINED CYCLE INSTRUMENTS AND CONTROLS
HEP 1A	22-02-20	FMO	51.42	163.0	GENERATOR SEAL OIL SYSTEM AND SEALS
HEP 1A	27-02-20	FFO	81.17	163.0	GAS TURBINE - CONTROLS AND INSTRUMENTS
HEP 1B	18-02-20	FFO	36.62	169.0	GAS TURBINE - FIRE DETECTION AND EXTINGUISHING SYS
HEP 1B	27-02-20	FFO	2.45	169.0	FEEDWATER REGULATING (BOILER LEVEL CONTROL) VALVE
HEP 1B	28-02-20	FFO	76.58	169.0	CONDENSER LOSS OF VACUUM
HEP ST1	22-02-20	PFO	51.42	77.0	GENERATOR SEAL OIL SYSTEM AND SEALS
HEP ST1	27-02-20	FFO	3.25	158.0	OTHER MISCELLANEOUS STEAM TURBINE PROBLEMS
HEP ST1	28-02-20	FFO	76.67	158.0	CONDENSER LOSS OF VACUUM

Duke Energy Florida

ACTUAL UNIT EVENT DATA -- January - February 2020

Hines Power Block 2

Unit	Date	Outage Type	Hours	MW Affected	Description
HEP 2A	04-02-20	FFO	17.70	172.0	BLADE PATH TEMPERATURE SPREAD
HEP 2A	14-02-20	FMO	20.68	172.0	FEEDWATER REGULATING (BOILER LEVEL CONTROL) VALVE
HEP 2A	28-02-20	PO	671.10	172.0	GENERAL GAS TURBINE UNIT INSPECTION
HEP 2B	25-02-20	FFO	3.23	175.0	TRANSMISSION SYSTEM PROBLEMS OTHER THAN CATASTROPH
HEP 2B	28-02-20	PO	671.07	175.0	GENERAL GAS TURBINE UNIT INSPECTION
HEP ST2	28-02-20	PO	671.27	177.0	GENERAL GAS TURBINE UNIT INSPECTION

Duke Energy Florida

ACTUAL UNIT EVENT DATA -- January - February 2020

Hines Power Block 3

Unit	Date	Outage Type	Hours	MW Affected	Description
HEP 3A	11-02-20	PFO	4.00	71.0	OTHER MISCELLANEOUS GENERATOR PROBLEMS
HEP 3A	25-02-20	FFO	2.85	171.0	TRANSMISSION SYSTEM PROBLEMS OTHER THAN CATASTROPH
HEP 3B	11-02-20	PFO	4.00	71.0	OTHER MISCELLANEOUS GENERATOR PROBLEMS
HEP 3B	25-02-20	FFO	1.72	171.0	TRANSMISSION SYSTEM PROBLEMS OTHER THAN CATASTROPH
HEP ST3	11-02-20	PFO	4.00	43.0	OTHER MISCELLANEOUS GENERATOR PROBLEMS
HEP ST3	25-02-20	FFO	3.92	173.0	TRANSMISSION SYSTEM PROBLEMS OTHER THAN CATASTROPH

Duke Energy Florida

ACTUAL UNIT EVENT DATA -- January - February 2020

Hines Power Block 4

Unit	Date	Outage Type	Hours	MW Affected	Description
HEP 4A	25-01-20	FFO	16.85	173.0	GAS TURBINE COMPRESSOR - BLEED VALVES
HEP ST4	25-01-20	PFO	16.85	78.0	GAS TURBINE COMPRESSOR - BLEED VALVES