



Matthew R. Bernier  
ASSOCIATE GENERAL COUNSEL

August 28, 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 July 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 July 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 28<sup>th</sup> day of August, 2020.

/s/ Matthew R. Bernier

Attorney

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| <p>Suzanne Brownless<br/>Office of General Counsel<br/>FL Public Service Commission<br/>2540 Shumard Oak Blvd.<br/>Tallahassee, FL 32399-0850<br/><a href="mailto:sbrownle@psc.state.fl.us">sbrownle@psc.state.fl.us</a></p> <p>J. Beasley / J. Wahlen / M. Means<br/>Ausley McMullen<br/>P.O. Box 391<br/>Tallahassee, FL 32302<br/><a href="mailto:jbeasley@ausley.com">jbeasley@ausley.com</a><br/><a href="mailto:jwahlen@ausley.com">jwahlen@ausley.com</a><br/><a href="mailto:mmeans@ausley.com">mmeans@ausley.com</a></p> <p>Russell A. Badders<br/>Gulf Power Company<br/>One Energy Place<br/>Pensacola, FL 32520<br/><a href="mailto:russell.badders@nexteraenergy.com">russell.badders@nexteraenergy.com</a></p> <p>Kenneth A. Hoffman<br/>Florida Power &amp; Light Company<br/>134 W. Jefferson Street<br/>Tallahassee, FL 32301-1713<br/><a href="mailto:ken.hoffman@fpl.com">ken.hoffman@fpl.com</a></p> <p>Jon C. Moyle, Jr.<br/>Moyle Law Firm, P.A.<br/>118 North Gadsden Street<br/>Tallahassee, FL 32301<br/><a href="mailto:jmoyle@moylelaw.com">jmoyle@moylelaw.com</a><br/><a href="mailto:mqualls@moylelaw.com">mqualls@moylelaw.com</a></p> | <p>J.R. Kelly / T. David<br/>Office of Public Counsel<br/>111 W. Madison St., Room 812<br/>Tallahassee, FL 32399-1400<br/><a href="mailto:kelly.jr@leg.state.fl.us">kelly.jr@leg.state.fl.us</a><br/><a href="mailto:david.tad@leg.state.fl.us">david.tad@leg.state.fl.us</a></p> <p>Paula K. Brown<br/>Regulatory Affairs<br/>Tampa Electric Company<br/>P.O. Box 111<br/>Tampa, FL 33601-0111<br/><a href="mailto:regdept@tecoenergy.com">regdept@tecoenergy.com</a></p> <p>Maria Moncada / David Lee<br/>Florida Power &amp; Light Company<br/>700 Universe Blvd. (LAW/JB)<br/>Juno Beach, FL 33408-0420<br/><a href="mailto:maria.moncada@fpl.com">maria.moncada@fpl.com</a><br/><a href="mailto:david.lee@fpl.com">david.lee@fpl.com</a></p> <p>James Brew / Laura W. Baker<br/>Stone Law Firm<br/>1025 Thomas Jefferson St., N.W.<br/>Suite 800 West<br/>Washington, DC 20007<br/><a href="mailto:jbrew@smxblaw.com">jbrew@smxblaw.com</a><br/><a href="mailto:lwb@smxblaw.com">lwb@smxblaw.com</a></p> <p>Mike Cassel<br/>Florida Public Utilities Company<br/>208 Wildlight Avenue<br/>Yulee, FL 32097<br/><a href="mailto:mcassel@fpuc.com">mcassel@fpuc.com</a></p> <p>Beth Keating<br/>Gunster, Yoakley &amp; Stewart, P.A.<br/>215 South Monroe Street, Suite 601<br/>Tallahassee, FL 32301<br/><a href="mailto:bkeating@gunster.com">bkeating@gunster.com</a></p> |
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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 - Jul Period |
|---------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|--------|--------|--------|--------|--------|------------------|
| 1. EAF              | 83.93     | 99.00     | 94.62     | 95.42     | 98.18     | 100.00    | 99.70     | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 95.79            |
| 2. PH               | 744       | 696       | 743       | 720       | 744       | 720       | 744       | 0      | 0      | 0      | 0      | 0      | 5,111            |
| 3. SH               | 615.8     | 621.1     | 661.0     | 549.1     | 654.2     | 691.9     | 742.6     | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 4,535.7          |
| 4. RSH              | 8.6       | 69.0      | 43.2      | 137.9     | 78.5      | 28.1      | 0.1       | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 365.4            |
| 5. UH               | 119.6     | 5.9       | 38.9      | 33.0      | 11.4      | 0.0       | 1.3       | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 210.0            |
| 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       | 34.5      | 1.7       | 0.0       | 0.0       | 1.3       | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 43.6             |
| 8. MOH              | 0.0       | 0.3       | 4.4       | 31.3      | 11.4      | 0.0       | 0.0       | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 47.2             |
| 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       | 11.2      | 11.4      | 0.0       | 0.1       | 0.0       | 19.9      | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 42.6             |
| 12. LR PF (MW)      | 0.0       | 108.2     | 108.2     | 0.0       | 105.5     | 0.0       | 55.3      | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 83.4             |
| 13. PMOH            | 0.0       | 0.0       | 0.0       | 0.0       | 21.7      | 0.0       | 0.0       | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 21.7             |
| 14. LR PM (MW)      | 0.0       | 0.0       | 0.0       | 0.0       | 114.2     | 0.0       | 0.0       | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 114.2            |
| 15. NSC (MW)        | 1144      | 1144      | 1144      | 1144      | 1144      | 1144      | 1144      | 0      | 0      | 0      | 0      | 0      | 1144             |
| 16. OPER MBTU       | 4,050,994 | 4,286,777 | 4,724,966 | 3,333,386 | 4,344,128 | 4,836,805 | 5,246,371 | 0      | 0      | 0      | 0      | 0      | 30,823,428       |
| 17. NET GEN (MWH)   | 555,214   | 552,497   | 602,801   | 443,687   | 577,023   | 653,418   | 696,294   | 0      | 0      | 0      | 0      | 0      | 4,080,934        |
| 18. ANOHR (BTU/KWH) | 7,296.3   | 7,758.9   | 7,838.4   | 7,512.9   | 7,528.5   | 7,402.3   | 7,534.7   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 7,553.0          |
| 19. NOF (%)         | 78.81     | 77.75     | 79.72     | 70.64     | 77.11     | 82.55     | 81.96     | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 78.65            |
| 20. NPC (MW)        | 1144      | 1144      | 1144      | 1144      | 1144      | 1144      | 1144      | 0      | 0      | 0      | 0      | 0      | 1144             |

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 - Jul Period |
|---------------------|---------|---------|--------|---------|-----------|-----------|-----------|--------|--------|--------|--------|--------|------------------|
| 1. EAF              | 99.53   | 96.55   | 0.00   | 54.31   | 100.00    | 100.00    | 100.00    | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 78.49            |
| 2. PH               | 744     | 696     | 743    | 720     | 744       | 720       | 744       | 0      | 0      | 0      | 0      | 0      | 5,111            |
| 3. SH               | 194.4   | 47.3    | 0.0    | 286.4   | 650.7     | 644.9     | 672.7     | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 2,496.4          |
| 4. RSH              | 546.7   | 624.7   | 0.0    | 104.6   | 93.3      | 75.1      | 71.3      | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 1,515.8          |
| 5. UH               | 2.8     | 24.0    | 743.0  | 329.0   | 0.0       | 0.0       | 0.0       | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 1,098.8          |
| 6. POH              | 0.0     | 24.0    | 743.0  | 24.0    | 0.0       | 0.0       | 0.0       | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 791.0            |
| 7. FOH              | 0.6     | 0.0     | 0.0    | 305.0   | 0.0       | 0.0       | 0.0       | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 305.6            |
| 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     | 582    | 582     | 582       | 582       | 582       | 0      | 0      | 0      | 0      | 0      | 582              |
| 16. OPER MBTU       | 541,636 | 110,673 | 0      | 790,816 | 2,063,929 | 2,031,821 | 2,147,031 | 0      | 0      | 0      | 0      | 0      | 7,685,907        |
| 17. NET GEN (MWH)   | 71,968  | 14,619  | 0      | 93,205  | 282,305   | 276,486   | 292,433   | 0      | 0      | 0      | 0      | 0      | 1,031,016        |
| 18. ANOHR (BTU/KWH) | 7,526.1 | 7,570.5 | 0.0    | 8,484.7 | 7,311.0   | 7,348.7   | 7,342.0   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 7,454.7          |
| 19. NOF (%)         | 63.60   | 53.12   | 0.00   | 55.91   | 74.55     | 73.67     | 74.69     | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 70.96            |
| 20. NPC (MW)        | 582     | 582     | 582    | 582     | 582       | 582       | 582       | 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 - Jul Period |
|---------------------|---------|-----------|-----------|-----------|-----------|-----------|-----------|--------|--------|--------|--------|--------|------------------|
| 1. EAF              | 98.88   | 88.34     | 95.76     | 82.92     | 93.59     | 73.83     | 100.00    | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 90.61            |
| 2. PH               | 744     | 696       | 743       | 720       | 744       | 720       | 744       | 0      | 0      | 0      | 0      | 0      | 5,111            |
| 3. SH               | 259.0   | 575.2     | 654.6     | 573.3     | 632.1     | 531.6     | 744.0     | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 3,969.8          |
| 4. RSH              | 476.7   | 42.3      | 57.4      | 24.0      | 64.3      | 0.0       | 0.0       | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 664.6            |
| 5. UH               | 8.3     | 78.5      | 31.0      | 122.7     | 47.7      | 188.4     | 0.0       | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 476.6            |
| 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              | 8.3     | 61.4      | 31.0      | 1.7       | 11.4      | 188.4     | 0.0       | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 302.2            |
| 8. MOH              | 0.0     | 17.1      | 0.0       | 121.0     | 36.3      | 0.0       | 0.0       | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 174.4            |
| 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            | 0.0     | 16.6      | 5.0       | 2.1       | 0.0       | 0.0       | 0.0       | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 23.7             |
| 12. LR PF (MW)      | 0.0     | 77.0      | 49.5      | 82.0      | 0.0       | 0.0       | 0.0       | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 71.6             |
| 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)        | 490     | 490       | 490       | 490       | 490       | 490       | 490       | 0      | 0      | 0      | 0      | 0      | 490              |
| 16. OPER MBTU       | 780,815 | 1,648,431 | 1,880,686 | 1,642,991 | 1,823,994 | 1,556,416 | 2,249,479 | 0      | 0      | 0      | 0      | 0      | 11,582,813       |
| 17. NET GEN (MWH)   | 102,818 | 215,761   | 250,559   | 219,501   | 240,760   | 205,204   | 300,649   | 0      | 0      | 0      | 0      | 0      | 1,535,252        |
| 18. ANOHR (BTU/KWH) | 7,594.1 | 7,640.1   | 7,506.0   | 7,485.1   | 7,576.0   | 7,584.7   | 7,482.1   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 7,544.6          |
| 19. NOF (%)         | 81.02   | 76.55     | 78.12     | 78.13     | 77.74     | 78.78     | 82.47     | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 78.93            |
| 20. NPC (MW)        | 490     | 490       | 490       | 490       | 490       | 490       | 490       | 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 - Jul Period |
|---------------------|-----------|-----------|--------|---------|-----------|-----------|-----------|--------|--------|--------|--------|--------|------------------|
| 1. EAF              | 100.00    | 94.56     | 0.00   | 29.43   | 81.90     | 86.67     | 99.97     | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 70.26            |
| 2. PH               | 744       | 696       | 743    | 720     | 744       | 720       | 744       | 0      | 0      | 0      | 0      | 0      | 5,111            |
| 3. SH               | 703.6     | 559.2     | 0.0    | 246.4   | 578.7     | 623.3     | 744.0     | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 3,455.2          |
| 4. RSH              | 40.5      | 99.0      | 0.0    | 12.9    | 40.2      | 17.2      | 0.0       | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 209.7            |
| 5. UH               | 0.0       | 37.9      | 743.0  | 460.6   | 125.1     | 79.5      | 0.0       | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 1,446.1          |
| 6. POH              | 0.0       | 24.2      | 743.0  | 442.3   | 0.0       | 0.0       | 0.0       | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 1,209.5          |
| 7. FOH              | 0.0       | 6.9       | 0.0    | 18.3    | 26.1      | 26.3      | 0.0       | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 77.6             |
| 8. MOH              | 0.0       | 6.8       | 0.0    | 0.0     | 99.0      | 53.2      | 0.0       | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 159.1            |
| 9. PPOH             | 0.0       | 0.0       | 0.0    | 0.0     | 0.0       | 0.0       | 2.0       | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 2.0              |
| 10. LR PP (MW)      | 0.0       | 0.0       | 0.0    | 0.0     | 0.0       | 0.0       | 63.2      | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 63.2             |
| 11. PFOH            | 0.0       | 0.0       | 0.0    | 165.1   | 41.7      | 91.1      | 0.0       | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 297.9            |
| 12. LR PF (MW)      | 0.0       | 0.0       | 0.0    | 150.2   | 120.1     | 94.7      | 0.0       | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 129.0            |
| 13. PMOH            | 0.0       | 0.0       | 0.0    | 1.4     | 0.0       | 0.0       | 0.0       | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 1.4              |
| 14. LR PM (MW)      | 0.0       | 0.0       | 0.0    | 65.1    | 0.0       | 0.0       | 0.0       | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 65.1             |
| 15. NSC (MW)        | 524       | 524       | 524    | 524     | 524       | 524       | 524       | 0      | 0      | 0      | 0      | 0      | 524              |
| 16. OPER MBTU       | 2,149,462 | 1,871,576 | 0      | 682,347 | 1,638,690 | 1,955,733 | 2,438,251 | 0      | 0      | 0      | 0      | 0      | 10,736,060       |
| 17. NET GEN (MWH)   | 290,864   | 252,437   | 0      | 89,489  | 214,825   | 257,381   | 324,395   | 0      | 0      | 0      | 0      | 0      | 1,429,391        |
| 18. ANOHR (BTU/KWH) | 7,389.9   | 7,414.0   | 0.0    | 7,624.9 | 7,628.0   | 7,598.6   | 7,516.3   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 7,510.9          |
| 19. NOF (%)         | 78.90     | 86.15     | 0.00   | 69.30   | 70.84     | 78.80     | 83.21     | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 78.95            |
| 20. NPC (MW)        | 524       | 524       | 524    | 524     | 524       | 524       | 524       | 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 - Jul Period |
|---------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|--------|--------|--------|--------|--------|------------------|
| 1. EAF              | 100.00    | 99.52     | 100.00    | 99.65     | 77.43     | 99.65     | 94.83     | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 95.80            |
| 2. PH               | 744       | 696       | 743       | 720       | 744       | 720       | 744       | 0      | 0      | 0      | 0      | 0      | 5,111            |
| 3. SH               | 460.1     | 460.2     | 726.7     | 656.0     | 521.0     | 714.9     | 678.2     | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 4,217.0          |
| 4. RSH              | 284.0     | 233.0     | 16.3      | 61.5      | 55.1      | 3.1       | 28.8      | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 681.7            |
| 5. UH               | 0.0       | 2.8       | 0.0       | 2.5       | 167.9     | 2.0       | 37.1      | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 212.3            |
| 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              | 0.0       | 2.8       | 0.0       | 0.0       | 54.8      | 2.0       | 25.5      | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 85.1             |
| 8. MOH              | 0.0       | 0.0       | 0.0       | 2.5       | 113.1     | 0.0       | 11.6      | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 127.2            |
| 9. PPOH             | 0.0       | 0.0       | 0.0       | 0.0       | 0.0       | 1.3       | 1.0       | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 2.3              |
| 10. LR PP (MW)      | 0.0       | 0.0       | 0.0       | 0.0       | 0.0       | 51.4      | 56.2      | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 53.5             |
| 11. PFOH            | 0.0       | 4.0       | 0.0       | 0.0       | 0.0       | 2.0       | 7.4       | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 13.5             |
| 12. LR PF (MW)      | 0.0       | 61.6      | 0.0       | 0.0       | 0.0       | 88.1      | 88.7      | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 80.6             |
| 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       | 515       | 515       | 515       | 515       | 515       | 0      | 0      | 0      | 0      | 0      | 515              |
| 16. OPER MBTU       | 1,364,781 | 1,411,103 | 2,170,967 | 1,926,864 | 1,459,758 | 2,191,328 | 2,044,783 | 0      | 0      | 0      | 0      | 0      | 12,569,584       |
| 17. NET GEN (MWH)   | 181,972   | 196,056   | 299,188   | 266,592   | 197,411   | 307,369   | 281,736   | 0      | 0      | 0      | 0      | 0      | 1,730,324        |
| 18. ANOHR (BTU/KWH) | 7,499.9   | 7,197.5   | 7,256.2   | 7,227.8   | 7,394.5   | 7,129.3   | 7,257.8   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 7,264.3          |
| 19. NOF (%)         | 76.81     | 82.72     | 79.95     | 78.92     | 73.57     | 83.48     | 80.67     | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 79.67            |
| 20. NPC (MW)        | 515       | 515       | 515       | 515       | 515       | 515       | 515       | 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 - Jul Period |
|---------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|--------|--------|--------|--------|--------|------------------|
| 1. EAF              | 99.14     | 100.00    | 94.34     | 94.07     | 99.85     | 100.00    | 83.67     | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 95.82            |
| 2. PH               | 744       | 696       | 743       | 720       | 744       | 720       | 744       | 0      | 0      | 0      | 0      | 0      | 5,111            |
| 3. SH               | 720.9     | 648.9     | 663.2     | 556.2     | 697.4     | 720.0     | 618.7     | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 4,625.2          |
| 4. RSH              | 17.6      | 47.1      | 38.2      | 121.2     | 46.6      | 0.0       | 3.8       | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 274.5            |
| 5. UH               | 5.6       | 0.0       | 41.7      | 42.6      | 0.0       | 0.0       | 121.5     | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 211.3            |
| 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              | 5.6       | 0.0       | 41.7      | 42.6      | 0.0       | 0.0       | 121.5     | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 211.3            |
| 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       | 9.0       | 0.0       | 0.0       | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 9.0              |
| 10. LR PP (MW)      | 0.0       | 0.0       | 0.0       | 0.0       | 63.1      | 0.0       | 0.0       | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 63.1             |
| 11. PFOH            | 5.6       | 0.0       | 3.0       | 0.6       | 0.0       | 0.0       | 0.0       | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 9.2              |
| 12. LR PF (MW)      | 78.1      | 0.0       | 62.4      | 89.0      | 0.0       | 0.0       | 0.0       | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 73.6             |
| 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)        | 516       | 516       | 516       | 516       | 516       | 516       | 516       | 0      | 0      | 0      | 0      | 0      | 516              |
| 16. OPER MBTU       | 2,200,579 | 1,936,502 | 1,918,280 | 1,634,032 | 2,088,963 | 2,248,109 | 1,886,386 | 0      | 0      | 0      | 0      | 0      | 13,912,851       |
| 17. NET GEN (MWH)   | 317,533   | 278,017   | 267,248   | 228,911   | 295,448   | 317,783   | 264,962   | 0      | 0      | 0      | 0      | 0      | 1,969,902        |
| 18. ANOHR (BTU/KWH) | 6,930.2   | 6,965.4   | 7,177.9   | 7,138.3   | 7,070.5   | 7,074.4   | 7,119.5   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 7,062.7          |
| 19. NOF (%)         | 85.37     | 83.03     | 78.10     | 79.76     | 82.10     | 85.54     | 82.99     | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 82.54            |
| 20. NPC (MW)        | 516       | 516       | 516       | 516       | 516       | 516       | 516       | 0      | 0      | 0      | 0      | 0      | 516              |



Duke Energy Florida

ACTUAL UNIT EVENT DATA -- January - July 2020

Bartow CC

| Unit   | Date     | Outage Type | Hours  | MW Affected | Description  |
|--------|----------|-------------|--------|-------------|--|
| BCC 4A | 02-04-20 | FMO         | 1.42   | 190.8       | PROTECTION DEVICES                                 |
| BCC 4A | 03-30-20 | FMO         | 25.00  | 190.8       | GAS TURBINE - BATTERY AND CHARGER SYSTEM           |
| BCC 4A | 04-01-20 | FMO         | 20.00  | 190.8       | GAS TURBINE - BATTERY AND CHARGER SYSTEM           |
| BCC 4A | 04-28-20 | FMO         | 10.00  | 190.8       | OTHER GAS TURBINE EXHAUST PROBLEMS                 |
| BCC 4A | 07-23-20 | PFO         | 19.92  | 50.3        | GAS TURBINE - FUEL PIPING AND VALVES               |
| BCC 4B | 01-01-20 | PO          | 668.72 | 190.8       | MAJOR GAS TURBINE OVERHAUL                         |
| BCC 4B | 01-28-20 | PO          | 14.93  | 190.8       | GAS FUEL SYSTEM WITH CONTROLS AND INSTRUMENTS      |
| BCC 4B | 01-30-20 | FFO         | 2.18   | 190.8       | GAS FUEL SYSTEM WITH CONTROLS AND INSTRUMENTS      |
| BCC 4B | 02-12-20 | FFO         | 0.08   | 190.8       | IP EXTRACTION STEAM INSTRUMENTS AND CONTROLS       |
| BCC 4B | 02-12-20 | FFO         | 3.67   | 190.8       | HP EXTRACTION STEAM INSTRUMENTS AND CONTROLS       |
| BCC 4B | 02-18-20 | FFO         | 2.83   | 190.8       | BLADE PATH TEMPERATURE SPREAD                      |
| BCC 4B | 02-25-20 | FFO         | 15.87  | 190.8       | PILOT FUEL PIPING AND VALVES                       |
| BCC 4B | 04-23-20 | FMO         | 81.00  | 190.8       | GAS TURBINE - FUEL PIPING AND VALVES               |
| BCC 4B | 05-14-20 | FFO         | 0.17   | 190.8       | GAS TURBINE - FIRE DETECTION AND EXTINGUISHING SYS |
| BCC 4B | 07-23-20 | PFO         | 19.92  | 50.3        | GAS TURBINE - FUEL PIPING AND VALVES               |
| BCC 4C | 04-01-20 | FMO         | 46.00  | 190.8       | GAS TURBINE - BATTERY AND CHARGER SYSTEM           |
| BCC 4C | 04-07-20 | FFO         | 10.00  | 190.8       | GAS TURBINE - IGNITION SYSTEM                      |
| BCC 4C | 07-23-20 | PFO         | 19.92  | 50.3        | GAS TURBINE - FUEL PIPING AND VALVES               |
| BCC 4D | 02-11-20 | FFO         | 0.08   | 190.8       | GAS FUEL SYSTEM WITH CONTROLS AND INSTRUMENTS      |
| BCC 4D | 02-15-20 | FFO         | 6.25   | 190.8       | GT CONT. SYS. - INTERNAL AND TERMINATION WIRING    |
| BCC 4D | 02-16-20 | FFO         | 3.75   | 190.8       | GT CONT. SYS. - INTERNAL AND TERMINATION WIRING    |
| BCC 4D | 03-22-20 | FFO         | 34.18  | 190.8       | PILOT FUEL PIPING AND VALVES                       |
| BCC 4D | 04-30-20 | FMO         | 87.55  | 190.8       | OTHER GAS TURBINE EXHAUST PROBLEMS                 |
| BCC 4D | 07-23-20 | PFO         | 19.92  | 50.3        | GAS TURBINE - FUEL PIPING AND VALVES               |
| BCC 4D | 07-26-20 | FFO         | 6.67   | 190.8       | BLADE PATH TEMPERATURE SPREAD                      |
| BCC 4D | 07-26-20 | FFO         | 0.52   | 190.8       | OTHER FEEDWATER VALVES                             |
| BCC 4S | 02-04-20 | PFO         | 1.42   | 108.3       | PROTECTION DEVICES                                 |

**Duke Energy Florida**

**ACTUAL UNIT EVENT DATA -- January - July 2020**

**Bartow CC**

| <b>Unit</b> | <b>Date</b> | <b>Outage Type</b> | <b>Hours</b> | <b>MW Affected</b> | <b>Description</b>                                 |
|-------------|-------------|--------------------|--------------|--------------------|--|
| BCC 4S      | 02-12-20    | PFO                | 3.67         | 108.2              | HP EXTRACTION STEAM INSTRUMENTS AND CONTROLS       |
| BCC 4S      | 02-15-20    | PFO                | 6.25         | 108.2              | GT CONT. SYS. - INTERNAL AND TERMINATION WIRING    |
| BCC 4S      | 02-16-20    | PFO                | 3.75         | 108.2              | GT CONT. SYS. - INTERNAL AND TERMINATION WIRING    |
| BCC 4S      | 02-18-20    | PFO                | 2.83         | 108.2              | BLADE PATH TEMPERATURE SPREAD                      |
| BCC 4S      | 02-25-20    | PFO                | 15.87        | 108.2              | PILOT FUEL PIPING AND VALVES                       |
| BCC 4S      | 03-07-20    | FFO                | 94.35        | 380.7              | TURBINE - OTHER HYDRAULIC SYSTEM PROBLEMS          |
| BCC 4S      | 03-22-20    | PFO                | 34.18        | 108.2              | PILOT FUEL PIPING AND VALVES                       |
| BCC 4S      | 05-01-20    | PMO                | 65.12        | 114.2              | OTHER GAS TURBINE EXHAUST PROBLEMS                 |
| BCC 4S      | 05-14-20    | PFO                | 0.17         | 114.0              | GAS TURBINE - FIRE DETECTION AND EXTINGUISHING SYS |
| BCC 4S      | 07-23-20    | PFO                | 19.92        | 65.2               | GAS TURBINE - FUEL PIPING AND VALVES               |

**Duke Energy Florida**

**ACTUAL UNIT EVENT DATA -- January - July 2020**

**Osprey CC**

| <b>Unit</b> | <b>Date</b> | <b>Outage Type</b> | <b>Hours</b> | <b>MW Affected</b> | <b>Description</b>                            |
|-------------|-------------|--------------------|--------------|--------------------|---|
| OS1CT1      | 01-06-20    | FMO                | 7.50         | 175.3              | FLASHBACK (INCLUDING INSTRUMENTATION)         |
| OS1CT1      | 02-29-20    | PO                 | 670.98       | 175.3              | GENERAL GAS TURBINE UNIT INSPECTION           |
| OS1CT1      | 03-27-20    | PO                 | 120.02       | 175.3              | OTHER MISCELLANEOUS BALANCE OF PLANT PROBLEMS |
| OS1CT1      | 04-02-20    | FFO                | 305.00       | 175.3              | TURBINE LUBE OIL PUMP DRIVE                   |
| OS1CT2      | 02-29-20    | PO                 | 670.98       | 175.3              | GAS TURBINE - BOROSCOPE INSPECTION            |
| OS1CT2      | 03-27-20    | PO                 | 120.02       | 175.3              | OTHER MISCELLANEOUS BALANCE OF PLANT PROBLEMS |
| OS1CT2      | 04-02-20    | FFO                | 305.00       | 175.3              | TURBINE LUBE OIL PUMP DRIVE                   |
| OS1ST1      | 01-06-20    | PFO                | 7.48         | 111.4              | FLASHBACK (INCLUDING INSTRUMENTATION)         |
| OS1ST1      | 01-11-20    | FFO                | 1.03         | 231.4              | CONDENSER LOSS OF VACUUM                      |
| OS1ST1      | 01-11-20    | FFO                | 0.38         | 231.4              | CONDENSER LOSS OF VACUUM                      |
| OS1ST1      | 02-29-20    | PO                 | 670.98       | 231.4              | INSPECTION                                    |
| OS1ST1      | 03-27-20    | PO                 | 120.02       | 231.4              | OTHER MISCELLANEOUS BALANCE OF PLANT PROBLEMS |
| OS1ST1      | 04-02-20    | FFO                | 305.00       | 231.4              | TURBINE LUBE OIL PUMP DRIVE                   |

**Duke Energy Florida**

**ACTUAL UNIT EVENT DATA -- January - July 2020**

**Hines Power Block 1**

| Unit    | Date     | Outage Type | Hours  | MW Affected | Description  |
|---------|----------|-------------|--------|-------------|--|
| HEP 1A  | 01-20-20 | FFO         | 24.95  | 163.0       | COMBINED CYCLE INSTRUMENTS AND CONTROLS            |
| HEP 1A  | 02-22-20 | FMO         | 51.42  | 163.0       | GENERATOR SEAL OIL SYSTEM AND SEALS                |
| HEP 1A  | 02-27-20 | FFO         | 81.17  | 163.0       | GAS TURBINE - CONTROLS AND INSTRUMENTS             |
| HEP 1A  | 03-22-20 | PFO         | 5.00   | 46.0        | SERVICE WATER HEAT EXCHANGERS                      |
| HEP 1A  | 04-13-20 | FFO         | 4.98   | 163.0       | GAS TURBINE VIBRATION                              |
| HEP 1A  | 04-25-20 | FMO         | 152.00 | 163.0       | OTHER MISCELLANEOUS BALANCE OF PLANT PROBLEMS      |
| HEP 1A  | 05-18-20 | FFO         | 17.42  | 163.0       | GAS FUEL SYSTEM WITH CONTROLS AND INSTRUMENTS      |
| HEP 1A  | 05-20-20 | FFO         | 16.82  | 163.0       | GAS TURBINE VIBRATION                              |
| HEP 1A  | 06-02-20 | FFO         | 154.93 | 163.0       | OTHER GAS TURBINE PROBLEMS                         |
| HEP 1A  | 06-08-20 | FFO         | 14.03  | 163.0       | FEEDWATER PUMP                                     |
| HEP 1B  | 02-18-20 | FFO         | 36.62  | 169.0       | GAS TURBINE - FIRE DETECTION AND EXTINGUISHING SYS |
| HEP 1B  | 02-27-20 | FFO         | 2.45   | 169.0       | FEEDWATER REGULATING (BOILER LEVEL CONTROL) VALVE  |
| HEP 1B  | 02-28-20 | FFO         | 76.58  | 169.0       | CONDENSER LOSS OF VACUUM                           |
| HEP 1B  | 03-22-20 | PFO         | 5.00   | 60.0        | SERVICE WATER HEAT EXCHANGERS                      |
| HEP 1B  | 04-25-20 | FMO         | 152.00 | 169.0       | OTHER MISCELLANEOUS BALANCE OF PLANT PROBLEMS      |
| HEP 1B  | 06-02-20 | FFO         | 179.68 | 169.0       | TURBINE - MISCELLANEOUS TURBINE PIPING             |
| HEP 1B  | 06-09-20 | FFO         | 12.28  | 169.0       | CONDENSER LOSS OF VACUUM                           |
| HEP 1B  | 06-10-20 | FFO         | 29.55  | 169.0       | HP STARTUP BYPASS INSTRUMENTATION AND CONTROLS     |
| HEP ST1 | 02-22-20 | PFO         | 51.42  | 77.0        | GENERATOR SEAL OIL SYSTEM AND SEALS                |
| HEP ST1 | 02-27-20 | FFO         | 3.25   | 158.0       | OTHER MISCELLANEOUS STEAM TURBINE PROBLEMS         |
| HEP ST1 | 02-28-20 | FFO         | 76.67  | 158.0       | CONDENSER LOSS OF VACUUM                           |
| HEP ST1 | 03-22-20 | PFO         | 5.00   | 42.0        | SERVICE WATER HEAT EXCHANGERS                      |
| HEP ST1 | 04-13-20 | PFO         | 6.48   | 82.0        | GAS TURBINE VIBRATION                              |
| HEP ST1 | 04-25-20 | FMO         | 168.00 | 158.0       | OTHER MISCELLANEOUS BALANCE OF PLANT PROBLEMS      |
| HEP ST1 | 06-02-20 | FFO         | 174.23 | 158.0       | TURBINE - MISCELLANEOUS TURBINE PIPING             |

Duke Energy Florida

ACTUAL UNIT EVENT DATA -- January - July 2020

Hines Power Block 2

| Unit    | Date     | Outage Type | Hours   | MW Affected | Description  |
|---------|----------|-------------|---------|-------------|--|
| HEP 2A  | 02-04-20 | FFO         | 17.70   | 172.0       | BLADE PATH TEMPERATURE SPREAD                      |
| HEP 2A  | 02-14-20 | FMO         | 20.68   | 172.0       | FEEDWATER REGULATING (BOILER LEVEL CONTROL) VALVE  |
| HEP 2A  | 02-28-20 | PO          | 1208.08 | 172.0       | GENERAL GAS TURBINE UNIT INSPECTION                |
| HEP 2A  | 04-19-20 | FFO         | 43.35   | 172.0       | GAS FUEL SYSTEM WITH CONTROLS AND INSTRUMENTS      |
| HEP 2A  | 04-21-20 | PFO         | 26.82   | 152.0       | OTHER COMPRESSOR PROBLEMS                          |
| HEP 2A  | 04-22-20 | PFO         | 218.90  | 152.0       | OTHER COMPRESSOR PROBLEMS                          |
| HEP 2A  | 05-05-20 | FMO         | 221.00  | 172.0       | GAS TURBINE VIBRATION                              |
| HEP 2A  | 06-15-20 | FFO         | 79.80   | 172.0       | OTHER MAIN STEAM VALVES (INCLUDING VENT AND DRAIN. |
| HEP 2A  | 07-10-20 | PPO         | 2.00    | 72.0        | OTHER MISCELLANEOUS EXTERNAL PROBLEMS              |
| HEP 2B  | 02-25-20 | FFO         | 3.23    | 175.0       | TRANSMISSION SYSTEM PROBLEMS OTHER THAN CATASTROPH |
| HEP 2B  | 02-28-20 | PO          | 1207.72 | 175.0       | GENERAL GAS TURBINE UNIT INSPECTION                |
| HEP 2B  | 04-19-20 | PMO         | 4.17    | 65.0        | GAS FUEL SYSTEM WITH CONTROLS AND INSTRUMENTS      |
| HEP 2B  | 04-21-20 | FFO         | 12.18   | 175.0       | OTHER EXCITER PROBLEMS                             |
| HEP 2B  | 05-23-20 | FMO         | 79.02   | 175.0       | GAS TURBINE VIBRATION                              |
| HEP 2B  | 05-26-20 | FFO         | 4.13    | 175.0       | HP STARTUP BYPASS INSTRUMENTATION AND CONTROLS     |
| HEP 2B  | 05-26-20 | FFO         | 23.67   | 175.0       | GENERATOR VOLTAGE CONTROL                          |
| HEP 2B  | 05-28-20 | FFO         | 50.62   | 175.0       | GENERATOR VOLTAGE CONTROL                          |
| HEP 2B  | 06-01-20 | FMO         | 159.92  | 175.0       | GAS TURBINE VIBRATION                              |
| HEP 2B  | 07-10-20 | PPO         | 2.00    | 75.0        | OTHER MISCELLANEOUS EXTERNAL PROBLEMS              |
| HEP ST2 | 02-28-20 | PO          | 1212.57 | 177.0       | GENERAL GAS TURBINE UNIT INSPECTION                |
| HEP ST2 | 04-19-20 | PFO         | 41.13   | 94.0        | OTHER GAS TURBINE FUEL SYSTEM PROBLEMS             |
| HEP ST2 | 04-21-20 | PFO         | 12.18   | 94.0        | OTHER GAS TURBINE FUEL SYSTEM PROBLEMS             |
| HEP ST2 | 04-21-20 | PFO         | 26.82   | 125.0       | OTHER COMPRESSOR PROBLEMS                          |
| HEP ST2 | 04-22-20 | PFO         | 218.90  | 167.0       | OTHER COMPRESSOR PROBLEMS                          |
| HEP ST2 | 05-26-20 | PFO         | 23.67   | 94.0        | GENERATOR VOLTAGE CONTROL                          |
| HEP ST2 | 05-28-20 | PFO         | 50.62   | 94.0        | GENERATOR VOLTAGE CONTROL                          |
| HEP ST2 | 06-01-20 | PFO         | 189.88  | 95.0        | GAS TURBINE VIBRATION                              |

**Duke Energy Florida**

**ACTUAL UNIT EVENT DATA -- January - July 2020**

**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 ST2     | 06-15-20    | PFO                | 79.80        | 94.0               | OTHER MAIN STEAM VALVES (INCLUDING VENT AND DRAIN. |
| HEP ST2     | 07-10-20    | PPO                | 2.00         | 43.0               | OTHER MISCELLANEOUS EXTERNAL PROBLEMS              |

Duke Energy Florida

ACTUAL UNIT EVENT DATA -- January - July 2020

Hines Power Block 3

| Unit    | Date     | Outage Type | Hours  | MW Affected | Description  |
|---------|----------|-------------|--------|-------------|--|
| HEP 3A  | 02-11-20 | PFO         | 4.00   | 71.0        | OTHER MISCELLANEOUS GENERATOR PROBLEMS             |
| HEP 3A  | 02-25-20 | FFO         | 2.85   | 171.0       | TRANSMISSION SYSTEM PROBLEMS OTHER THAN CATASTROPH |
| HEP 3A  | 04-10-20 | FMO         | 2.50   | 171.0       | CIRCULATING WATER SCREENWASH SYSTEM                |
| HEP 3A  | 05-12-20 | FFO         | 142.40 | 171.0       | FEEDWATER PUMP                                     |
| HEP 3A  | 05-18-20 | FMO         | 127.28 | 171.0       | MAIN TRANSFORMER                                   |
| HEP 3A  | 06-02-20 | FFO         | 6.08   | 171.0       | OTHER GAS TURBINE EXHAUST PROBLEMS                 |
| HEP 3A  | 06-25-20 | PPO         | 1.33   | 63.0        | CIRCULATING WATER VALVES                           |
| HEP 3A  | 07-11-20 | PPO         | 1.00   | 68.1        | OTHER MISCELLANEOUS EXTERNAL PROBLEMS              |
| HEP 3A  | 07-31-20 | FFO         | 16.98  | 171.0       | AUTOMATIC TURBINE CONTROL SYSTEMS -ELEC-HYD-ANALOG |
| HEP 3B  | 02-11-20 | PFO         | 4.00   | 71.0        | OTHER MISCELLANEOUS GENERATOR PROBLEMS             |
| HEP 3B  | 02-25-20 | FFO         | 1.72   | 171.0       | TRANSMISSION SYSTEM PROBLEMS OTHER THAN CATASTROPH |
| HEP 3B  | 04-10-20 | FMO         | 2.50   | 171.0       | CIRCULATING WATER SCREENWASH SYSTEM                |
| HEP 3B  | 05-12-20 | FFO         | 10.05  | 171.0       | FEEDWATER PUMP                                     |
| HEP 3B  | 05-18-20 | FMO         | 103.83 | 171.0       | MAIN TRANSFORMER                                   |
| HEP 3B  | 05-22-20 | FFO         | 0.75   | 171.0       | CONDENSER LOSS OF VACUUM                           |
| HEP 3B  | 06-25-20 | PPO         | 1.33   | 63.0        | CIRCULATING WATER VALVES                           |
| HEP 3B  | 07-02-20 | FFO         | 38.67  | 171.0       | GAS TURBINE - FUEL PIPING AND VALVES               |
| HEP 3B  | 07-09-20 | PFO         | 0.73   | 110.1       | GAS FUEL SYSTEM WITH CONTROLS AND INSTRUMENTS      |
| HEP 3B  | 07-11-20 | PPO         | 1.00   | 68.1        | OTHER MISCELLANEOUS EXTERNAL PROBLEMS              |
| HEP 3B  | 07-14-20 | FFO         | 21.37  | 171.0       | COMBINED CYCLE INSTRUMENTS AND CONTROLS            |
| HEP 3B  | 07-31-20 | FMO         | 17.17  | 171.0       | TURBINE HYDRAULIC SYSTEM PIPES AND VALVES          |
| HEP ST3 | 02-11-20 | PFO         | 4.00   | 43.0        | OTHER MISCELLANEOUS GENERATOR PROBLEMS             |
| HEP ST3 | 02-25-20 | FFO         | 3.92   | 173.0       | TRANSMISSION SYSTEM PROBLEMS OTHER THAN CATASTROPH |
| HEP ST3 | 04-10-20 | FMO         | 2.50   | 173.0       | CIRCULATING WATER SCREENWASH SYSTEM                |
| HEP ST3 | 05-12-20 | FFO         | 12.03  | 173.0       | FEEDWATER PUMP                                     |
| HEP ST3 | 05-18-20 | FMO         | 108.38 | 173.0       | MAIN TRANSFORMER                                   |
| HEP ST3 | 06-02-20 | PFO         | 6.08   | 88.0        | OTHER GAS TURBINE EXHAUST PROBLEMS                 |

**Duke Energy Florida**

**ACTUAL UNIT EVENT DATA -- January - July 2020**

**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 ST3     | 06-25-20    | PPO                | 1.33         | 28.0               | CIRCULATING WATER VALVES                  |
| HEP ST3     | 07-11-20    | PPO                | 1.00         | 33.0               | OTHER MISCELLANEOUS EXTERNAL PROBLEMS     |
| HEP ST3     | 07-14-20    | PFO                | 21.37        | 88.0               | COMBINED CYCLE INSTRUMENTS AND CONTROLS   |
| HEP ST3     | 07-31-20    | FMO                | 17.48        | 173.0              | TURBINE HYDRAULIC SYSTEM PIPES AND VALVES |



Duke Energy Florida

ACTUAL UNIT EVENT DATA -- January - July 2020

Hines Power Block 4

| Unit    | Date     | Outage Type | Hours  | MW Affected | Description                                   |
|---------|----------|-------------|--------|-------------|---|
| HEP 4A  | 01-25-20 | FFO         | 16.85  | 173.0       | GAS TURBINE COMPRESSOR - BLEED VALVES         |
| HEP 4A  | 03-03-20 | FFO         | 5.88   | 173.0       | OPERATOR ERROR                                |
| HEP 4A  | 03-03-20 | FFO         | 2.40   | 173.0       | OPERATOR ERROR                                |
| HEP 4A  | 03-04-20 | FFO         | 1.48   | 173.0       | OTHER TURBINE INSTRUMENT AND CONTROL PROBLEMS |
| HEP 4A  | 03-04-20 | FFO         | 11.23  | 173.0       | OTHER MISCELLANEOUS BALANCE OF PLANT PROBLEMS |
| HEP 4A  | 03-04-20 | FFO         | 4.13   | 173.0       | OTHER TURBINE INSTRUMENT AND CONTROL PROBLEMS |
| HEP 4A  | 03-04-20 | FFO         | 11.68  | 173.0       | OTHER TURBINE INSTRUMENT AND CONTROL PROBLEMS |
| HEP 4A  | 03-22-20 | PFO         | 3.00   | 80.0        | SERVICE WATER HEAT EXCHANGERS                 |
| HEP 4A  | 03-29-20 | FFO         | 1.63   | 173.0       | GAS TURBINE CONTROL SYSTEM - LOGIC PROBLEMS   |
| HEP 4A  | 04-02-20 | FFO         | 37.87  | 173.0       | TURBINE MAIN STOP VALVES                      |
| HEP 4A  | 04-12-20 | FFO         | 4.50   | 173.0       | OTHER MISCELLANEOUS BALANCE OF PLANT PROBLEMS |
| HEP 4A  | 05-29-20 | PPO         | 9.00   | 78.0        | CONDENSER TUBE SHEET FOULING                  |
| HEP 4A  | 07-01-20 | FFO         | 45.68  | 173.0       | LIGHTNING                                     |
| HEP 4A  | 07-03-20 | FFO         | 28.20  | 173.0       | LIGHTNING                                     |
| HEP 4A  | 07-04-20 | FFO         | 15.00  | 173.0       | LIGHTNING                                     |
| HEP 4A  | 07-05-20 | FFO         | 9.75   | 173.0       | LIGHTNING                                     |
| HEP 4A  | 07-06-20 | FFO         | 17.63  | 173.0       | LIGHTNING                                     |
| HEP 4B  | 03-03-20 | FFO         | 14.60  | 172.0       | OPERATOR ERROR                                |
| HEP 4B  | 03-04-20 | FFO         | 9.30   | 172.0       | OTHER TURBINE INSTRUMENT AND CONTROL PROBLEMS |
| HEP 4B  | 03-04-20 | FFO         | 22.85  | 172.0       | OTHER TURBINE INSTRUMENT AND CONTROL PROBLEMS |
| HEP 4B  | 03-22-20 | PFO         | 3.00   | 79.0        | SERVICE WATER HEAT EXCHANGERS                 |
| HEP 4B  | 04-02-20 | FFO         | 37.30  | 172.0       | TURBINE MAIN STOP VALVES                      |
| HEP 4B  | 04-12-20 | FFO         | 8.53   | 172.0       | OTHER MISCELLANEOUS BALANCE OF PLANT PROBLEMS |
| HEP 4B  | 04-13-20 | FFO         | 1.13   | 172.0       | FEEDWATER PUMP                                |
| HEP 4B  | 05-29-20 | PPO         | 9.00   | 77.0        | CONDENSER TUBE SHEET FOULING                  |
| HEP 4B  | 07-01-20 | FFO         | 123.10 | 172.0       | LIGHTNING                                     |
| HEP ST4 | 01-25-20 | PFO         | 16.85  | 78.0        | GAS TURBINE COMPRESSOR - BLEED VALVES         |

Duke Energy Florida

ACTUAL UNIT EVENT DATA -- January - July 2020

Hines Power Block 4

| Unit    | Date     | Outage Type | Hours  | MW Affected | Description                                   |
|---------|----------|-------------|--------|-------------|---|
| HEP ST4 | 03-03-20 | FFO         | 7.77   | 171.0       | TURBINE TRIP DEVICES (INCLUDING INSTRUMENTS)  |
| HEP ST4 | 03-03-20 | FFO         | 3.13   | 171.0       | OPERATOR ERROR                                |
| HEP ST4 | 03-04-20 | FFO         | 2.32   | 171.0       | OTHER TURBINE INSTRUMENT AND CONTROL PROBLEMS |
| HEP ST4 | 03-04-20 | FFO         | 7.97   | 171.0       | OTHER MISCELLANEOUS BALANCE OF PLANT PROBLEMS |
| HEP ST4 | 03-04-20 | FFO         | 6.23   | 171.0       | OTHER TURBINE INSTRUMENT AND CONTROL PROBLEMS |
| HEP ST4 | 03-04-20 | FFO         | 12.50  | 171.0       | OTHER TURBINE INSTRUMENT AND CONTROL PROBLEMS |
| HEP ST4 | 03-22-20 | PFO         | 3.00   | 28.0        | SERVICE WATER HEAT EXCHANGERS                 |
| HEP ST4 | 04-02-20 | FFO         | 37.40  | 171.0       | TURBINE MAIN STOP VALVES                      |
| HEP ST4 | 04-12-20 | FFO         | 1.02   | 171.0       | OTHER MISCELLANEOUS BALANCE OF PLANT PROBLEMS |
| HEP ST4 | 04-12-20 | PFO         | 1.75   | 89.0        | OTHER MISCELLANEOUS BALANCE OF PLANT PROBLEMS |
| HEP ST4 | 05-29-20 | PPO         | 9.00   | 34.0        | CONDENSER TUBE SHEET FOULING                  |
| HEP ST4 | 07-01-20 | FFO         | 124.97 | 171.0       | LIGHTNING                                     |