



DIANNE TRIPLETT
ASSOCIATE GENERAL COUNSEL

April 20, 2015

VIA ELECTRONIC FILING

Ms. Carlotta Stauffer, Commission Clerk
Florida Public Service Commission
2540 Shumard Oak Boulevard
Tallahassee, Florida 32399-0850

Re: Docket No.: 150001
Performance Data Report for March 2015

Dear Ms. Stauffer:

Enclosed for filing in the above docket is Duke Energy Florida's Performance Data Report for March 2015.

If you have any questions, please do not hesitate to contact me at (727) 820-4692.

Sincerely,

A handwritten signature in blue ink that reads "Dianne Triplett".

Dianne Triplett
Associate General Counsel

DT/db
Enclosure


cc: Tom Ballinger, Director of Engineering, FPSC
Parties of Record

Duke Energy Florida, Inc.

CERTIFICATE OF SERVICE

Docket No. 150001-EI

I HEREBY CERTIFY that a true copy of Duke Energy Florida, Inc.'s Performance Data Report for the month of March 2015 have been furnished to the following individuals via e-mail on this 20th day of April, 2015.



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Duke Energy Florida

ACTUAL UNIT PERFORMANCE DATA – YEAR 2015

Bartow CC	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15	Jan - Mar Period
1. EAF	91.68	93.44	55.84										79.89
2. PH	744	672	743										2,159
3. SH	669.9	591.6	406.2										1,667.6
4. RSH	12.2	36.4	8.7										57.3
5. UH	61.9	44.1	328.1										434.1
6. POH	0.0	0.0	302.8										302.8
7. FOH	0.0	0.0	0.0										0.0
8. MOH	61.9	44.1	25.3										131.3
9. PPOH	0.0	0.0	0.0										0.0
10. LR PP (MW)	0.0	0.0	0.0										0.0
11. PFOH	0.0	0.0	0.0										0.0
12. LR PF (MW)	0.0	0.0	0.0										0.0
13. PMOH	0.0	0.0	0.0										0.0
14. LR PM (MW)	0.0	0.0	0.0										0.0
15. NSC (MW)	1076	1076	1076										1076
16. OPER MBTU	4,903,737	4,237,148	3,398,094										12,538,979
17. NET GEN (MWH)	670,768	556,814	368,790										1,596,372
18. ANOHR (BTU/KWH)	7,310.6	7,609.6	9,214.2										7,854.7
19. NOF (%)	84.50	79.43	76.62										80.78
20. NPC (MW)	1076	1076	1076										1076

Duke Energy Florida

ACTUAL UNIT PERFORMANCE DATA -- YEAR 2015

CRYSTAL RIVER 4	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15	Jan - Mar Period
1. EAF	90.53	99.17	98.74										96.04
2. PH	744	672	743										2,159
3. SH	674.9	672.0	743.0										2,089.9
4. RSH	0.0	0.0	0.0										0.0
5. UH	69.1	0.0	0.0										69.1
6. POH	0.0	0.0	0.0										0.0
7. FOH	0.0	0.0	0.0										0.0
8. MOH	69.1	0.0	0.0										69.1
9. PPOH	0.0	0.0	0.0										0.0
10. LR PP (MW)	0.0	0.0	0.0										0.0
11. PFOH	0.0	17.4	10.3										27.7
12. LR PF (MW)	0.0	220.6	167.3										200.9
13. PMOH	10.5	1.5	18.2										30.2
14. LR PM (MW)	93.0	93.2	271.9										200.9
15. NSC (MW)	712	712	712										712
16. OPER MBTU	3,448,203	3,378,381	4,227,341										11,053,926
17. NET GEN (MWH)	332,848	319,716	412,868										1,065,432
18. ANOHR (BTU/KWH)	10,359.7	10,566.8	10,239.0										10,375.1
19. NOF (%)	69.26	66.82	78.04										71.60
20. NPC (MW)	712	712	712										712

Duke Energy Florida

ACTUAL UNIT PERFORMANCE DATA – YEAR 2015

CRYSTAL RIVER 5	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15	Jan - Mar Period
1. EAF	100.00	99.64	98.87										99.50
2. PH	744	672	743										2,159
3. SH	75.3	404.0	743.0										1,222.3
4. RSH	668.7	268.0	0.0										936.7
5. UH	0.0	0.0	0.0										0.0
6. POH	0.0	0.0	0.0										0.0
7. FOH	0.0	0.0	0.0										0.0
8. MOH	0.0	0.0	0.0										0.0
9. PPOH	0.0	0.0	0.0										0.0
10. LR PP (MW)	0.0	0.0	0.0										0.0
11. PFOH	0.0	0.0	17.0										17.0
12. LR PF (MW)	0.0	0.0	91.0										91.0
13. PMOH	0.0	3.7	24.9										28.5
14. LR PM (MW)	0.0	471.6	177.5										215.4
15. NSC (MW)	710	710	710										710
16. OPER MBTU	441,979	2,042,258	4,217,136										6,701,373
17. NET GEN (MWH)	43,107	198,635	422,693										664,435
18. ANOHR (BTU/KWH)	10,253.1	10,281.5	9,976.8										10,085.8
19. NOF (%)	80.61	69.25	80.13										76.56
20. NPC (MW)	710	710	710										710

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ACTUAL UNIT PERFORMANCE DATA -- YEAR 2015

HINES Power Block 1	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15	Jan - Mar Period
1. EAF	99.50	71.61	0.00										56.58
2. PH	744	672	743										2,159
3. SH	737.1	478.5	0.0										1,215.6
4. RSH	5.2	2.8	0.0										8.0
5. UH	1.6	190.8	743.0										935.4
6. POH	0.0	190.8	743.0										933.8
7. FOH	0.0	0.0	0.0										0.0
8. MOH	1.6	0.0	0.0										1.6
9. PPOH	1.8	0.0	0.0										1.8
10. LR PP (MW)	66.0	0.0	0.0										66.0
11. PFOH	0.0	0.0	0.0										0.0
12. LR PF (MW)	0.0	0.0	0.0										0.0
13. PMOH	15.3	0.0	0.0										15.3
14. LR PM (MW)	72.0	0.0	0.0										72.0
15. NSC (MW)	528	528	528										528
16. OPER MBTU	2,481,873	2,055,799	0										4,537,672
17. NET GEN (MWH)	338,209	229,988	0										568,197
18. ANOHR (BTU/KWH)	7,338.3	8,938.7	0.0										7,986.1
19. NOF (%)	86.90	91.03	0.00										88.53
20. NPC (MW)	528	528	528										528

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ACTUAL UNIT PERFORMANCE DATA -- YEAR 2015

HINES Power Block 2	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15	Jan - Mar Period
1. EAF	0.00	0.00	0.00										0.00
2. PH	744	672	743										2,159
3. SH	0.0	0.0	0.0										0.0
4. RSH	0.0	0.0	0.0										0.0
5. UH	744.0	672.0	743.0										2,159.0
6. POH	0.0	0.0	0.0										0.0
7. FOH	744.0	672.0	743.0										2,159.0
8. MOH	0.0	0.0	0.0										0.0
9. PPOH	0.0	0.0	0.0										0.0
10. LR PP (MW)	0.0	0.0	0.0										0.0
11. PFOH	0.0	0.0	0.0										0.0
12. LR PF (MW)	0.0	0.0	0.0										0.0
13. PMOH	0.0	0.0	0.0										0.0
14. LR PM (MW)	0.0	0.0	0.0										0.0
15. NSC (MW)	563	563	563										563
16. OPER MBTU	0	0	0										0
17. NET GEN (MWH)	0	0	0										0
18. ANOHR (BTU/KWH)	0.0	0.0	0.0										0.0
19. NOF (%)	0.00	0.00	0.00										0.00
20. NPC (MW)	563	563	563										563

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ACTUAL UNIT PERFORMANCE DATA -- YEAR 2015

HINES Power Block 3	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15	Jan - Mar Period
1. EAF	97.81	100.00	100.00										99.25
2. PH	744	672	743										2,159
3. SH	686.9	672.0	743.0										2,101.9
4. RSH	40.8	0.0	0.0										40.8
5. UH	16.3	0.0	0.0										16.3
6. POH	0.0	0.0	0.0										0.0
7. FOH	16.3	0.0	0.0										16.3
8. MOH	0.0	0.0	0.0										0.0
9. PPOH	0.0	0.0	1.3										1.3
10. LR PP (MW)	0.0	0.0	34.4										34.4
11. PFOH	0.0	0.0	0.0										0.0
12. LR PF (MW)	0.0	0.0	0.0										0.0
13. PMOH	0.0	0.0	0.0										0.0
14. LR PM (MW)	0.0	0.0	0.0										0.0
15. NSC (MW)	564	564	564										564
16. OPER MBTU	2,343,027	2,143,030	2,604,634										7,090,690
17. NET GEN (MWH)	327,307	336,232	367,462										1,031,001
18. ANOHR (BTU/KWH)	7,158.5	6,373.7	7,088.2										6,877.5
19. NOF (%)	84.48	88.71	87.69										86.97
20. NPC (MW)	564	564	564										564

Duke Energy Florida

ACTUAL UNIT PERFORMANCE DATA -- YEAR 2015

HINES Power Block 4	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15	Jan - Mar Period
1. EAF	100.00	100.00	100.00										100.00
2. PH	744	672	743										2,159
3. SH	732.4	639.2	743.0										2,114.6
4. RSH	11.6	32.8	0.0										44.4
5. UH	0.0	0.0	0.0										0.0
6. POH	0.0	0.0	0.0										0.0
7. FOH	0.0	0.0	0.0										0.0
8. MOH	0.0	0.0	0.0										0.0
9. PPOH	3.2	0.0	1.8										4.9
10. LR PP (MW)	50.2	0.0	41.0										46.9
11. PFOH	0.0	0.0	0.0										0.0
12. LR PF (MW)	0.0	0.0	0.0										0.0
13. PMOH	0.0	0.0	0.0										0.0
14. LR PM (MW)	0.0	0.0	0.0										0.0
15. NSC (MW)	544	544	544										544
16. OPER MBTU	2,506,662	1,964,081	2,548,927										7,019,670
17. NET GEN (MWH)	359,310	308,121	367,129										1,034,560
18. ANOHR (BTU/KWH)	6,976.3	6,374.4	6,942.9										6,785.2
19. NOF (%)	90.18	88.61	90.83										89.94
20. NPC (MW)	544	544	544										544

Duke Energy Florida

ACTUAL UNIT EVENT DATA -- January - March 2015

Bartow CC

Unit	Date	Outage Type	Hours	MW Affected	Description
BCC 4A	2/1/2015	FMO	264.80	164.0	HEAT RECOVERY STEAM GENERATOR TO GAS TURBINE CON..
BCC 4A	2/21/2015	FMO	22.27	164.0	GAS TURBINE - FUEL PIPING AND VALVES
BCC 4A	3/30/2015	FMO	34.65	164.0	GAS TURBINE - DIVERTER DAMPERS
BCC 4B	1/16/2015	FMO	384.25	165.0	GAS TURBINE - LUBE OIL SYSTEM - GENERAL
BCC 4B	3/27/2015	PO	86.07	165.0	TOTAL UNIT PERFORMANCE TESTING
BCC 4C	3/8/2015	PO	285.60	167.0	GAS TURBINE - DIVERTER DAMPERS
BCC 4C	3/20/2015	PO	7.35	167.0	GAS TURBINE - CONTROLS AND INSTRUMENTS
BCC 4C	3/22/2015	PO	136.57	167.0	GAS TURBINE - DIVERTER DAMPERS
BCC 4D	3/20/2015	FMO	132.82	163.0	GAS TURBINE - BOROSCOPE INSPECTION
BCC 4S	1/16/2015	FMO	9.23	417.0	TURBINE OVERSPEED TRIP TEST
BCC 4S	3/8/2015	PO	573.77	417.0	OTHER COMBINED CYCLE PROBLEMS

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ACTUAL UNIT EVENT DATA -- January - March 2015

Crystal River 4

Date	Outage Type	Hours	MW Affected	Description
1/1/2015	PMO	10.50	93.0	PULVERIZED FUEL AND AIR PIPING (PULVERIZER TO WIND BOX)
1/2/2015	FMO	69.08	712.0	PLATEN SUPERHEATER LEAKS
2/3/2015	PFO	3.33	54.9	CIRCULATING WATER PUMP MOTORS
2/20/2015	PFO	7.92	93.0	PULVERIZER FEEDERS
2/24/2015	PMO	1.48	93.1	PULVERIZER MILLS
2/25/2015	PFO	6.17	473.9	PULVERIZER MILLS
3/17/2015	PMO	4.00	259.0	CEMS - CERTIFICATION AND RECERTIFICATION
3/18/2015	PMO	5.35	474.0	CEMS - CERTIFICATION AND RECERTIFICATION
3/19/2015	PMO	3.88	259.1	CEMS - CERTIFICATION AND RECERTIFICATION
3/20/2015	PMO	4.95	73.9	CEMS - CERTIFICATION AND RECERTIFICATION
3/23/2015	PFO	2.00	473.8	COAL CONVEYERS AND FEEDERS
3/24/2015	PFO	8.25	93.0	PULVERIZER FEEDERS

Duke Energy Florida

ACTUAL UNIT EVENT DATA -- January - March 2015

Crystal River 5

Date	Outage Type	Hours	MW Affected	Description
2/25/2015	PMO	3.67	472.0	GENERATOR LIQUID COOLING SYSTEM
3/17/2015	PMO	7.18	63.0	CIRCULATING WATER PUMPS
3/18/2015	PMO	0.38	63.0	CIRCULATING WATER PUMPS
3/18/2015	PMO	8.90	234.0	FORCED DRAFT FANS
3/19/2015	PMO	7.75	234.0	FORCED DRAFT FANS
3/26/2015	PFO	5.78	91.0	FOREIGN OBJECT IN MILL
3/29/2015	PFO	11.23	91.0	PULVERIZER MILLS
3/31/2015	PMO	0.65	63.4	CIRCULATING WATER PUMPS

Duke Energy Florida

ACTUAL UNIT EVENT DATA -- January - March 2015

Hines Power Block 1

Unit	Date	Outage Type	Hours	MW Affected	Description
HEP 1A	1/1/2015	PPO	1.80	66.0	INTAKE GRATING FOULING
HEP 1A	2/21/2015	PO	933.75	151.0	GAS TURBINE - HIGH PRESSURE TURBINE SHAFT
HEP 1B	1/1/2015	PPO	1.80	66.0	INTAKE GRATING FOULING
HEP 1B	1/12/2015	FMO	5.00	151.0	OTHER LP STEAM SYSTEM PROBLEMS
HEP 1B	2/21/2015	PO	933.75	151.0	GAS TURBINE - HIGH PRESSURE TURBINE SHAFT
HEP ST1	1/1/2015	PPO	1.80	66.0	INTAKE GRATING FOULING
HEP ST1	1/11/2015	PMO	44.08	72.0	OTHER LOW PRESSURE TURBINE PROBLEMS
HEP ST1	2/21/2015	PO	933.75	160.0	INSPECTION

Duke Energy Florida

ACTUAL UNIT EVENT DATA -- January - March 2015

Hines Power Block 2

Unit	Date	Outage Type	Hours	MW Affected	Description
HEP 2A	1/1/2015	FFO	2159.00	154.0	MAJOR TURBINE OVERHAUL (720 HOURS OR LONGER)
HEP 2B	1/1/2015	FFO	2159.00	154.0	MAJOR TURBINE OVERHAUL (720 HOURS OR LONGER)
HEP ST2	1/1/2015	FFO	2159.00	182.0	MAJOR TURBINE OVERHAUL (720 HOURS OR LONGER)

Duke Energy Florida

ACTUAL UNIT EVENT DATA -- January - March 2015

Hines Power Block 3

Unit	Date	Outage Type	Hours	MW Affected	Description
HEP 3A	1/20/2015	FFO	6.47	155.0	GENERATOR VOLTAGE SUPPLY SYSTEM
HEP 3A	1/27/2015	FFO	6.75	155.0	GAS TURBINE - CONTROLS AND INSTRUMENTS
HEP 3A	1/28/2015	FFO	5.50	155.0	GAS TURBINE VIBRATION
HEP 3A	3/29/2015	PPO	1.25	37.0	CONDENSER TUBE SHEET FOULING
HEP 3B	1/20/2015	FFO	6.42	155.0	GENERATOR VOLTAGE SUPPLY SYSTEM
HEP 3B	1/27/2015	FFO	2.57	155.0	FEEDWATER PUMP
HEP 3B	1/27/2015	FFO	4.45	155.0	FEEDWATER PUMP
HEP 3B	3/29/2015	PPO	1.25	37.0	CONDENSER TUBE SHEET FOULING
HEP ST3	1/20/2015	FFO	6.45	178.0	GENERATOR VOLTAGE SUPPLY SYSTEM
HEP ST3	1/27/2015	FFO	10.15	178.0	FEEDWATER PUMP
HEP ST3	3/29/2015	PPO	1.25	30.0	CONDENSER TUBE SHEET FOULING

Duke Energy Florida

ACTUAL UNIT EVENT DATA -- January - March 2015

Hines Power Block 4

Unit	Date	Outage Type	Hours	MW Affected	Description
HEP 4A	1/1/2015	PPO	0.95	52.9	INTAKE GRATING FOULING
HEP 4A	1/10/2015	PPO	1.17	48.0	INTAKE GRATING FOULING
HEP 4A	1/22/2015	PPO	1.08	53.0	INTAKE GRATING FOULING
HEP 4A	3/28/2015	PPO	1.75	45.0	CONDENSER TUBE SHEET FOULING
HEP 4B	1/1/2015	PPO	0.95	52.9	INTAKE GRATING FOULING
HEP 4B	1/10/2015	PPO	1.17	48.0	INTAKE GRATING FOULING
HEP 4B	1/22/2015	PPO	1.08	53.0	INTAKE GRATING FOULING
HEP 4B	3/28/2015	PPO	1.75	47.0	CONDENSER TUBE SHEET FOULING
HEP ST4	1/1/2015	PPO	0.93	46.1	INTAKE GRATING FOULING
HEP ST4	1/10/2015	PPO	1.17	52.0	INTAKE GRATING FOULING
HEP ST4	1/22/2015	PPO	1.08	46.0	INTAKE GRATING FOULING
HEP ST4	3/28/2015	PPO	1.75	32.0	CONDENSER TUBE SHEET FOULING