



DIANNE TRIPLETT
ASSOCIATE GENERAL COUNSEL

February 24, 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 January 2015

Dear Ms. Stauffer:

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

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

Sincerely,

A handwritten signature in blue ink, appearing to read 'Dianne Triplett', written over a horizontal line.

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 December 2014 have been furnished to the following individuals via e-mail on this 24th day of February, 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 - Jan Period
1. EAF	91.68												91.68
2. PH	744												744
3. SH	669.9												669.9
4. RSH	12.2												12.2
5. UH	61.9												61.9
6. POH	0.0												0.0
7. FOH	61.9												61.9
8. MOH	0.0												0.0
9. PPOH	0.0												0.0
10. LR PP (MW)	0.0												0.0
11. PFOH	0.0												0.0
12. LR PF (MW)	0.0												0.0
13. PMOH	0.0												0.0
14. LR PM (MW)	0.0												0.0
15. NSC (MW)	1076												1076
16. OPER MBTU	4,903,737												4,903,737
17. NET GEN (MWH)	670,768												670,768
18. ANOHR (BTU/KWH)	7,310.6												7,310.6
19. NOF (%)	84.50												84.50
20. NPC (MW)	1076												1076

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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 - Jan Period
1. EAF	90.53												90.53
2. PH	744												744
3. SH	674.9												674.9
4. RSH	0.0												0.0
5. UH	69.1												69.1
6. POH	0.0												0.0
7. FOH	0.0												0.0
8. MOH	69.1												69.1
9. PPOH	0.0												0.0
10. LR PP (MW)	0.0												0.0
11. PFOH	0.0												0.0
12. LR PF (MW)	0.0												0.0
13. PMOH	10.5												10.5
14. LR PM (MW)	93.0												93.0
15. NSC (MW)	712												712
16. OPER MBTU	3,448,203												3,448,203
17. NET GEN (MWH)	332,848												332,848
18. ANOHR (BTU/KWH)	10,359.7												10,359.7
19. NOF (%)	69.26												69.26
20. NPC (MW)	712												712

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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 - Jan Period
1. EAF	100.00												100.00
2. PH	744												744
3. SH	75.3												75.3
4. RSH	668.7												668.7
5. UH	0.0												0.0
6. POH	0.0												0.0
7. FOH	0.0												0.0
8. MOH	0.0												0.0
9. PPOH	0.0												0.0
10. LR PP (MW)	0.0												0.0
11. PFOH	0.0												0.0
12. LR PF (MW)	0.0												0.0
13. PMOH	0.0												0.0
14. LR PM (MW)	0.0												0.0
15. NSC (MW)	710												710
16. OPER MBTU	441,979												441,979
17. NET GEN (MWH)	43,107												43,107
18. ANOHR (BTU/KWH)	10,253.1												10,253.1
19. NOF (%)	80.61												80.61
20. NPC (MW)	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 - Jan Period
1. EAF	99.72												99.72
2. PH	744												744
3. SH	733.2												733.2
4. RSH	10.8												10.8
5. UH	0.0												0.0
6. POH	0.0												0.0
7. FOH	0.0												0.0
8. MOH	0.0												0.0
9. PPOH	1.8												1.8
10. LR PP (MW)	66.0												66.0
11. PFOH	0.0												0.0
12. LR PF (MW)	0.0												0.0
13. PMOH	15.3												15.3
14. LR PM (MW)	72.0												72.0
15. NSC (MW)	528												528
16. OPER MBTU	2,481,873												2,481,873
17. NET GEN (MWH)	338,209												338,209
18. ANOHR (BTU/KWH)	7,338.3												7,338.3
19. NOF (%)	87.37												87.37
20. NPC (MW)	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 - Jan Period
1. EAF	100.00												100.00
2. PH	744												744
3. SH	0.0												0.0
4. RSH	744.0												744.0
5. UH	0.0												0.0
6. POH	0.0												0.0
7. FOH	0.0												0.0
8. MOH	0.0												0.0
9. PPOH	0.0												0.0
10. LR PP (MW)	0.0												0.0
11. PFOH	0.0												0.0
12. LR PF (MW)	0.0												0.0
13. PMOH	0.0												0.0
14. LR PM (MW)	0.0												0.0
15. NSC (MW)	563												563
16. OPER MBTU	0												0
17. NET GEN (MWH)	0												0
18. ANOHR (BTU/KWH)	0.0												0.0
19. NOF (%)	0.00												0.00
20. NPC (MW)	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 - Jan Period
1. EAF	100.00												100.00
2. PH	744												744
3. SH	686.9												686.9
4. RSH	57.1												57.1
5. UH	0.0												0.0
6. POH	0.0												0.0
7. FOH	0.0												0.0
8. MOH	0.0												0.0
9. PPOH	0.0												0.0
10. LR PP (MW)	0.0												0.0
11. PFOH	0.0												0.0
12. LR PF (MW)	0.0												0.0
13. PMOH	0.0												0.0
14. LR PM (MW)	0.0												0.0
15. NSC (MW)	564												564
16. OPER MBTU	2,343,027												2,343,027
17. NET GEN (MWH)	327,307												327,307
18. ANOHR (BTU/KWH)	7,158.5												7,158.5
19. NOF (%)	84.48												84.48
20. NPC (MW)	564												564

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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 - Jan Period
1. EAF	100.00												100.00
2. PH	744												744
3. SH	732.4												732.4
4. RSH	11.6												11.6
5. UH	0.0												0.0
6. POH	0.0												0.0
7. FOH	0.0												0.0
8. MOH	0.0												0.0
9. PPOH	3.2												3.2
10. LR PP (MW)	50.2												50.2
11. PFOH	0.0												0.0
12. LR PF (MW)	0.0												0.0
13. PMOH	0.0												0.0
14. LR PM (MW)	0.0												0.0
15. NSC (MW)	544												544
16. OPER MBTU	2,506,662												2,506,662
17. NET GEN (MWH)	359,310												359,310
18. ANOHR (BTU/KWH)	6,976.3												6,976.3
19. NOF (%)	90.18												90.18
20. NPC (MW)	544												544

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ACTUAL UNIT EVENT DATA -- January - January 2015

Bartow CC

Unit	Date	Outage Type	Hours	MW Affected	Description
BCC 4B	1/16/2015	FMO	381.32	165.0	GAS TURBINE - LUBE OIL SYSTEM - GENERAL
BCC 4S	1/16/2015	FMO	9.23	417.0	TURBINE OVERSPEED TRIP TEST

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ACTUAL UNIT EVENT DATA -- January - January 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

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ACTUAL UNIT EVENT DATA -- January - January 2015

Crystal River 5

Date	Outage Type	Hours	MW Affected	Description
				No events in January

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ACTUAL UNIT EVENT DATA -- January - January 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 1B	1/1/2015	PPO	1.80	66.0	INTAKE GRATING FOULING
HEP 1B	1/11/2015	FMO	24.67	151.0	OTHER MISCELLANEOUS STEAM TURBINE PROBLEMS
HEP 1B	1/12/2015	FMO	8.17	151.0	FEEDWATER CONTROLS
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

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ACTUAL UNIT EVENT DATA -- January - January 2015

Hines Power Block 2

Unit	Date	Outage Type	Hours	MW Affected	Description
HEP 2A	1/1/2015	FFO	744.00	154.0	MAJOR TURBINE OVERHAUL (720 HOURS OR LONGER)
HEP 2B	1/1/2015	FFO	744.00	154.0	MAJOR TURBINE OVERHAUL (720 HOURS OR LONGER)
HEP ST2	1/1/2015	FFO	744.00	182.0	MAJOR TURBINE OVERHAUL (720 HOURS OR LONGER)

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ACTUAL UNIT EVENT DATA -- January - January 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 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 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

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ACTUAL UNIT EVENT DATA -- January - January 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 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 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