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March 4, 2014

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

Re: Docket No.: 140001
Performance Data Report for January, 2014

Dear Ms. Stauffer:

Enclosed for filing in the above docket are the original and ten (10) copies of Duke Energy Florida's Performance Data Report for January, 2014.

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

Sincerely,

Dianne Triplett
Associate General Counsel

DT/emc
Enclosure

cc: Tom Ballinger
Director of Engineering
FPSC
Parties of Record

COM _____
AFD (7) _____
APA _____
ECO 1 _____
ENG 1 _____
GCL 1 _____
IDM _____
TEL _____
CLK _____

Duke Energy Florida

ACTUAL UNIT PERFORMANCE DATA -- YEAR 2014

Bartow CC	Jan-14	Feb-14	Mar-14	Apr-14	May-14	Jun-14	Jul-14	Aug-14	Sep-14	Oct-14	Nov-14	Dec-14	Jan - Jan Period
1. EAF	99.84												99.84
2. PH	744												744
3. SH	742.2												742.2
4. RSH	0.8												0.8
5. UH	1.0												1.0
6. POH	0.0												0.0
7. FOH	1.0												1.0
8. MOH	0.0												0.0
9. PPOH	0.0												0.0
10. LR PP (MW)	0.0												0.0
11. PFOH	2.2												2.2
12. LR PF (MW)	109.6												109.6
13. PMOH	0.0												0.0
14. LR PM (MW)	0.0												0.0
15. NSC (MW)	1074												1074
16. OPER MBTU	5,364,255												5,364,255
17. NET GEN (MWH)	748,729												748,729
18. ANOHR (BTU/KWH)	7,164.5												7,164.5
19. NOF (%)	93.93												93.93
20. NPC (MW)	1074												1074

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ACTUAL UNIT PERFORMANCE DATA -- YEAR 2014

CRYSTAL RIVER 4	Jan-14	Feb-14	Mar-14	Apr-14	May-14	Jun-14	Jul-14	Aug-14	Sep-14	Oct-14	Nov-14	Dec-14	Jan - Jan Period
1. EAF	98.69												98.69
2. PH	744												744
3. SH	414.9												414.9
4. RSH	329.2												329.2
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	59.8												59.8
14. LR PM (MW)	116.2												116.2
15. NSC (MW)	712												712
16. OPER MBTU	2,600,473												2,600,473
17. NET GEN (MWH)	250,698												250,698
18. ANOHR (BTU/KWH)	10,372.9												10,372.9
19. NOF (%)	84.87												84.87
20. NPC (MW)	712												712

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ACTUAL UNIT PERFORMANCE DATA -- YEAR 2014

CRYSTAL RIVER 5	Jan-14	Feb-14	Mar-14	Apr-14	May-14	Jun-14	Jul-14	Aug-14	Sep-14	Oct-14	Nov-14	Dec-14	Jan - Jan Period
1. EAF	100.00												100.00
2. PH	744												744
3. SH	623.4												623.4
4. RSH	120.6												120.6
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	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	3,805,652												3,805,652
17. NET GEN (MWH)	389,220												389,220
18. ANOHR (BTU/KWH)	9,777.6												9,777.6
19. NOF (%)	87.93												87.93
20. NPC (MW)	710												710

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ACTUAL UNIT PERFORMANCE DATA -- YEAR 2014

HINES 1	Jan-14	Feb-14	Mar-14	Apr-14	May-14	Jun-14	Jul-14	Aug-14	Sep-14	Oct-14	Nov-14	Dec-14	Jan - Jan Period
1. EAF	100.00												100.00
2. PH	744												744
3. SH	635.6												635.6
4. RSH	108.4												108.4
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)	462												462
16. OPER MBTU	2,021,754												2,021,754
17. NET GEN (MWH)	288,843												288,843
18. ANOHR (BTU/KWH)	6,999.5												6,999.5
19. NOF (%)	98.36												98.36
20. NPC (MW)	462												462

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ACTUAL UNIT PERFORMANCE DATA -- YEAR 2014

HINES 2	Jan-14	Feb-14	Mar-14	Apr-14	May-14	Jun-14	Jul-14	Aug-14	Sep-14	Oct-14	Nov-14	Dec-14	Jan - Jan Period
1. EAF	99.60												99.60
2. PH	744												744
3. SH	536.5												536.5
4. RSH	205.2												205.2
5. UH	2.3												2.3
6. POH	0.0												0.0
7. FOH	0.0												0.0
8. MOH	2.3												2.3
9. PPOH	0.0												0.0
10. LR PP (MW)	0.0												0.0
11. PFOH	2.7												2.7
12. LR PF (MW)	123.1												123.1
13. PMOH	0.0												0.0
14. LR PM (MW)	0.0												0.0
15. NSC (MW)	490												490
16. OPER MBTU	1,695,005												1,695,005
17. NET GEN (MWH)	221,604												221,604
18. ANOHR (BTU/KWH)	7,648.8												7,648.8
19. NOF (%)	84.29												84.29
20. NPC (MW)	490												490

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ACTUAL UNIT PERFORMANCE DATA -- YEAR 2014

HINES 3	Jan-14	Feb-14	Mar-14	Apr-14	May-14	Jun-14	Jul-14	Aug-14	Sep-14	Oct-14	Nov-14	Dec-14	Jan - Jan Period
1. EAF	99.55												99.55
2. PH	744												744
3. SH	704.5												704.5
4. RSH	36.2												36.2
5. UH	3.3												3.3
6. POH	0.0												0.0
7. FOH	0.0												0.0
8. MOH	3.3												3.3
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)	488												488
16. OPER MBTU	2,261,854												2,261,854
17. NET GEN (MWH)	313,782												313,782
18. ANOHR (BTU/KWH)	7,208.4												7,208.4
19. NOF (%)	91.27												91.27
20. NPC (MW)	488												488

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ACTUAL UNIT PERFORMANCE DATA -- YEAR 2014

HINES 4	Jan-14	Feb-14	Mar-14	Apr-14	May-14	Jun-14	Jul-14	Aug-14	Sep-14	Oct-14	Nov-14	Dec-14	Jan - Jan Period
1. EAF	97.20												97.20
2. PH	744												744
3. SH	558.0												558.0
4. RSH	168.5												168.5
5. UH	17.5												17.5
6. POH	0.0												0.0
7. FOH	11.2												11.2
8. MOH	6.3												6.3
9. PPOH	0.0												0.0
10. LR PP (MW)	0.0												0.0
11. PFOH	15.4												15.4
12. LR PF (MW)	80.0												80.0
13. PMOH	4.0												4.0
14. LR PM (MW)	80.0												80.0
15. NSC (MW)	472												472
16. OPER MBTU	1,735,706												1,735,706
17. NET GEN (MWH)	243,893												243,893
18. ANOHR (BTU/KWH)	7,116.7												7,116.7
19. NOF (%)	92.61												92.61
20. NPC (MW)	472												472

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ACTUAL UNIT EVENT DATA -- January - January 2014

Bartow CC

Unit	Date	Outage Type	Hours	MW Affected	Description
BCC 4C	1/24/2014	FFO	6.25	172.0	GAS TURBINE CONTROL SYSTEM - HARDWARE PROBLEM
BCC 4S	1/24/2014	PFO	6.25	109.5	GAS TURBINE CONTROL SYSTEM - HARDWARE PROBLEM

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ACTUAL UNIT EVENT DATA -- January - January 2014

Crystal River 4

Date	Outage Type	Hours	MW Affected	Description
1/2/2014	PMO	10.75	93.0	PULVERIZER FEEDER MOTOR
1/23/2014	PMO	48.00	112.0	AIR HEATER FOULING (REGENERATIVE)
1/31/2014	PMO	1.00	568.9	GENERATOR LIQUID COOLING SYSTEM

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ACTUAL UNIT EVENT DATA -- January - January 2014

Crystal River 5

Date	Outage Type	Hours	MW Affected	Description

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ACTUAL UNIT EVENT DATA -- January - January 2014

Hines 1

Unit	Date	Outage Type	Hours	MW Affected	Description

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ACTUAL UNIT EVENT DATA -- January - January 2014

Hines 2

Unit	Date	Outage Type	Hours	MW Affected	Description
HEP 2B	1/15/2014	FFO	7.30	154.0	GAS TURBINE - FUEL PIPING AND VALVES
HEP ST2	1/15/2014	PFO	7.30	123.0	GAS TURBINE - FUEL PIPING AND VALVES

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ACTUAL UNIT EVENT DATA -- January - January 2014

Hines 3

Unit	Date	Outage Type	Hours	MW Affected	Description
HEP 3A	1/29/2014	FFO	1.57	155.0	HP STARTUP BYPASS INSTRUMENTATION AND CONTROLS
HEP 3B	1/29/2014	FFO	2.58	155.0	HP STARTUP BYPASS INSTRUMENTATION AND CONTROLS
HEP 3B	1/29/2014	FFO	1.42	155.0	HP STARTUP BYPASS INSTRUMENTATION AND CONTROLS
HEP ST3	1/29/2014	FFO	1.05	178.0	HP STARTUP BYPASS INSTRUMENTATION AND CONTROLS
HEP ST3	1/29/2014	FFO	3.27	178.0	HP STARTUP BYPASS INSTRUMENTATION AND CONTROLS

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ACTUAL UNIT EVENT DATA -- January - January 2014

Hines 4

Unit	Date	Outage Type	Hours	MW Affected	Description
HEP 4A	1/7/2014	FFO	18.75	151.0	GAS TURBINE - COOLING WATER SYSTEM
HEP 4A	1/8/2014	FMO	35.00	151.0	ECONOMIZER LEAKS
HEP 4B	1/26/2014	FFO	0.50	151.0	BLADE PATH TEMPERATURE SPREAD
HEP ST4	1/7/2014	PFO	42.75	80.0	GAS TURBINE - COOLING WATER SYSTEM
HEP ST4	1/9/2014	PMO	11.00	80.0	ECONOMIZER LEAKS
HEP ST4	1/26/2014	FFO	0.50	170.0	BLADE PATH TEMPERATURE SPREAD