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COMMISSION
CLERK

April 19, 2013

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

Re: Docket No.: 130001
Performance Data Report for March, 2013

Dear Ms. Cole:

Enclosed for filing in the above docket are the original and ten (10) copies of Progress Energy Florida's Performance Data Report for March, 2013.

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

COM	_____	cc: Tom Ballinger
AFD	<u>7</u>	Director of Engineering
APA	_____	FPSC
ECO	<u>1</u>	Parties of Record
ENG	<u>1</u>	
GCL	<u>1</u>	
IDM	_____	
TEL	_____	
CLK	_____	

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DOCUMENT NUMBER-DATE

02095 APR 22 2013

FPSC-COMMISSION CLERK

PROGRESS ENERGY FLORIDA

ACTUAL UNIT PERFORMANCE DATA -- YEAR 2013

Bartow CC	Jan-13	Feb-13	Mar-13	Apr-13	May-13	Jun-13	Jul-13	Aug-13	Sep-13	Oct-13	Nov-13	Dec-13	Jan - Mar Period
1. EAF	97.92	84.48	56.60										79.52
2. PH	744	672	743										2,159
3. SH	612.5	539.2	406.6										1,558.3
4. RSH	117.6	28.8	18.6										165.1
5. UH	13.9	104.0	317.8										435.7
6. POH	0.0	87.0	317.4										404.4
7. FOH	7.6	16.9	0.4										24.9
8. MOH	6.3	0.2	0.0										6.5
9. PPOH	0.0	168.8	58.5										227.3
10. LR PP (MW)	0.0	156.5	156.5										156.5
11. PFOH	8.0	1.7	32.3										42.0
12. LR PF (MW)	214.6	156.3	156.5										167.6
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)	1074	1074	1074										1074
16. OPER MBTU	4,127,193	3,712,463	3,068,324										10,907,980
17. NET GEN (MWH)	563,341	502,626	366,800										1,432,767
18. ANOHR (BTU/KWH)	7,326.3	7,386.1	8,365.1										7,613.2
19. NOF (%)	85.64	86.80	84.00										85.61
20. NPC (MW)	1074	1074	1074										1074

DOCUMENT NUMBER-DATE

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FPSC-COMMISSION CLERK

PROGRESS ENERGY FLORIDA

ACTUAL UNIT PERFORMANCE DATA -- YEAR 2013

CRYSTAL RIVER 4	Jan-13	Feb-13	Mar-13	Apr-13	May-13	Jun-13	Jul-13	Aug-13	Sep-13	Oct-13	Nov-13	Dec-13	Jan - Mar Period
1. EAF	100.00	99.40	28.19										75.10
2. PH	744	672	743										2,159
3. SH	744.0	669.8	211.5										1,625.3
4. RSH	0.0	0.0	0.0										0.0
5. UH	0.0	2.2	531.5										533.7
6. POH	0.0	0.0	516.8										516.8
7. FOH	0.0	2.2	14.7										16.9
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	16.0										16.0
12. LR PF (MW)	0.0	0.0	93.0										93.0
13. PMOH	0.0	30.0	0.0										30.0
14. LR PM (MW)	0.0	42.8	0.0										42.8
15. NSC (MW)	712	712	712										712
16. OPER MBTU	3,665,173	3,389,230	1,043,604										8,098,007
17. NET GEN (MWH)	351,098	326,307	98,909										776,314
18. ANOHR (BTU/KWH)	10,439.2	10,386.6	10,551.2										10,431.4
19. NOF (%)	66.28	68.43	65.67										67.08
20. NPC (MW)	712	712	712										712

PROGRESS ENERGY FLORIDA

ACTUAL UNIT PERFORMANCE DATA -- YEAR 2013

CRYSTAL RIVER 5	Jan-13	Feb-13	Mar-13	Apr-13	May-13	Jun-13	Jul-13	Aug-13	Sep-13	Oct-13	Nov-13	Dec-13	Jan - Mar Period
1. EAF	75.56	88.31	86.68										83.35
2. PH	744	672	743										2,159
3. SH	597.6	623.0	645.0										1,865.6
4. RSH	0.0	0.0	0.0										0.0
5. UH	146.4	49.0	98.0										293.4
6. POH	0.0	0.0	0.0										0.0
7. FOH	146.4	0.0	98.0										244.4
8. MOH	0.0	49.0	0.0										49.0
9. PPOH	0.0	0.0	0.0										0.0
10. LR PP (MW)	0.0	0.0	0.0										0.0
11. PFOH	48.1	49.9	0.6										98.6
12. LR PF (MW)	523.9	286.4	329.0										402.5
13. PMOH	0.0	43.3	2.0										45.3
14. LR PM (MW)	0.0	155.1	234.0										158.5
15. NSC (MW)	710	710	710										710
16. OPER MBTU	2,595,380	3,126,153	3,988,380										9,709,913
17. NET GEN (MWH)	242,344	300,323	390,822										933,489
18. ANOHR (BTU/KWH)	10,709.5	10,409.3	10,205.1										10,401.7
19. NOF (%)	57.12	67.90	85.34										70.47
20. NPC (MW)	710	710	710										710

PROGRESS ENERGY FLORIDA

ACTUAL UNIT PERFORMANCE DATA -- YEAR 2013

HINES 1	Jan-13	Feb-13	Mar-13	Apr-13	May-13	Jun-13	Jul-13	Aug-13	Sep-13	Oct-13	Nov-13	Dec-13	Jan - Mar Period
1. EAF	100.00	100.00	100.00										100.00
2. PH	744	672	743										2,159
3. SH	744.0	672.0	743.0										2,159.0
4. RSH	0.0	0.0	0.0										0.0
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	216.0										216.0
10. LR PP (MW)	0.0	0.0	207.0										207.0
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)	462	462	462										462
16. OPER MBTU	2,402,918	2,210,653	2,097,737										6,711,308
17. NET GEN (MWH)	333,404	312,259	266,812										912,475
18. ANOHR (BTU/KWH)	7,207.2	7,079.6	7,862.2										7,355.1
19. NOF (%)	97.00	100.58	77.73										91.48
20. NPC (MW)	462	462	462										462

PROGRESS ENERGY FLORIDA

ACTUAL UNIT PERFORMANCE DATA -- YEAR 2013

HINES 2	Jan-13	Feb-13	Mar-13	Apr-13	May-13	Jun-13	Jul-13	Aug-13	Sep-13	Oct-13	Nov-13	Dec-13	Jan - Mar Period
1. EAF	100.00	11.25	96.56										71.19
2. PH	744	672	743										2,159
3. SH	335.8	51.6	717.4										1,104.9
4. RSH	408.2	24.0	0.0										432.2
5. UH	0.0	596.4	25.6										622.0
6. POH	0.0	495.6	0.0										495.6
7. FOH	0.0	100.8	25.6										126.4
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)	490	490	490										490
16. OPER MBTU	573,429	172,528	1,727,376										2,473,332
17. NET GEN (MWH)	76,912	10,384	251,308										338,604
18. ANOHR (BTU/KWH)	7,455.6	16,614.8	6,873.5										7,304.5
19. NOF (%)	46.74	41.05	71.49										62.54
20. NPC (MW)	490	490	490										490

PROGRESS ENERGY FLORIDA

ACTUAL UNIT PERFORMANCE DATA -- YEAR 2013

HINES 3	Jan-13	Feb-13	Mar-13	Apr-13	May-13	Jun-13	Jul-13	Aug-13	Sep-13	Oct-13	Nov-13	Dec-13	Jan - Mar Period
1. EAF	100.00	100.00	76.90										92.05
2. PH	744	672	743										2,159
3. SH	744.0	672.0	571.4										1,987.4
4. RSH	0.0	0.0	0.0										0.0
5. UH	0.0	0.0	171.7										171.7
6. POH	0.0	0.0	171.7										171.7
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	571.4										571.4
10. LR PP (MW)	0.0	0.0	228.0										228.0
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)	488	488	488										488
16. OPER MBTU	1,400,404	1,320,380	1,005,540										3,726,323
17. NET GEN (MWH)	187,931	174,079	129,263										491,273
18. ANOHR (BTU/KWH)	7,451.7	7,584.9	7,779.0										7,585.0
19. NOF (%)	51.76	53.08	46.36										50.66
20. NPC (MW)	488	488	488										488

PROGRESS ENERGY FLORIDA

ACTUAL UNIT PERFORMANCE DATA -- YEAR 2013

HINES 4	Jan-13	Feb-13	Mar-13	Apr-13	May-13	Jun-13	Jul-13	Aug-13	Sep-13	Oct-13	Nov-13	Dec-13	Jan - Mar Period
1. EAF	100.00	100.00	98.78										99.58
2. PH	744	672	743										2,159
3. SH	744.0	672.0	733.9										2,149.9
4. RSH	0.0	0.0	0.0										0.0
5. UH	0.0	0.0	9.1										9.1
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	9.1										9.1
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	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)	472	472	472										472
16. OPER MBTU	1,589,486	1,692,970	2,231,910										5,514,366
17. NET GEN (MWH)	229,724	249,046	334,726										813,496
18. ANOHR (BTU/KWH)	6,919.1	6,797.8	6,667.9										6,778.6
19. NOF (%)	65.42	78.52	96.63										80.17
20. NPC (MW)	472	472	472										472

PROGRESS ENERGY FLORIDA

ACTUAL UNIT EVENT DATA -- January - March 2013

Bartow CC

Unit	Date	Outage Type	Hours	MW Affected	Description
BCC 4A	1/3/2013	FFO	0.68	176.0	OPERATOR ERROR
BCC 4A	2/8/2013	PO	572.02	176.0	GAS TURBINE - HOT END INSPECTION
BCC 4A	3/4/2013	PO	190.05	176.0	GAS TURBINE CONTROL SYSTEM - UPGRADES
BCC 4B	1/30/2013	FFO	47.28	176.0	HP STARTUP BYPASS SYSTEM VALVES
BCC 4B	2/1/2013	FMO	1.33	176.0	POWER AUGMENTATION SYSTEM EQUIPMENT
BCC 4B	3/4/2013	PO	479.65	176.0	GAS TURBINE - HOT END INSPECTION
BCC 4C	3/5/2013	PO	174.35	176.0	GAS TURBINE CONTROL SYSTEM - UPGRADES
BCC 4D	1/2/2013	FFO	0.53	176.0	OPERATOR ERROR
BCC 4D	1/31/2013	FFO	1.53	176.0	HP STARTUP BYPASS SYSTEM VALVES
BCC 4D	3/1/2013	FFO	2.38	176.0	GAS FUEL SYSTEM WITH CONTROLS AND INSTRUMENTS
BCC 4D	3/5/2013	PO	161.35	176.0	GAS TURBINE CONTROL SYSTEM - UPGRADES
BCC 4S	1/2/2013	FMO	17.62	429.0	STEAM TURBINE CONTROL SYSTEM - HARDWARE PROBLEMS
BCC 4S	1/30/2013	PFO	22.50	214.5	HP STARTUP BYPASS SYSTEM VALVES
BCC 4S	2/1/2013	PFO	3.22	156.4	HP STARTUP BYPASS SYSTEM VALVES
BCC 4S	2/1/2013	PFO	1.42	156.5	POWER AUGMENTATION SYSTEM EQUIPMENT
BCC 4S	2/3/2013	FFO	45.90	429.0	TURBINE - OTHER LUBE OIL SYSTEM PROBLEMS
BCC 4S	2/8/2013	PPO	474.67	156.5	GAS TURBINE - HOT END INSPECTION
BCC 4S	2/28/2013	PO	420.83	429.0	OTHER LOW PRESSURE TURBINE PROBLEMS
BCC 4S	3/17/2013	PPO	164.48	156.5	GAS TURBINE - HOT END INSPECTION
BCC 4S	3/28/2013	PFO	90.83	156.5	REHEAT STEAM PIPING UP TO TURBINE STOP VALVES

PROGRESS ENERGY FLORIDA

ACTUAL UNIT EVENT DATA -- January - March 2013

Crystal River 4

Date	Outage Type	Hours	MW Affected	Description
2/2/2013	PMO	8.25	65.0	CONTROLS AND INSTRUMENTATION
2/24/2013	FFO	2.23	712.0	CONTROLS AND INSTRUMENTATION
2/26/2013	PMO	15.00	8.0	BOILER SAFETY VALVE TEST
2/27/2013	PMO	6.73	93.0	BOILER SAFETY VALVE TEST
3/2/2013	PO	516.80	712.0	BOILER INSPECTIONS
3/25/2013	FFO	14.67	712.0	START-UP FEEDWATER PUMP
3/27/2013	PFO	16.00	93.0	PRIMARY AIR DUCTS AND DAMPERS

PROGRESS ENERGY FLORIDA

ACTUAL UNIT EVENT DATA -- January - March 2013

Crystal River 5

Date	Outage Type	Hours	MW Affected	Description
1/1/2013	PFO	23.00	520.0	CONTROLS AND INSTRUMENTATION
1/2/2013	PFO	3.87	699.9	HEATER LEVEL CONTROL
1/2/2013	FFO	3.50	710.0	HEATER LEVEL CONTROL
1/2/2013	PFO	21.20	496.0	CONTROLS AND INSTRUMENTATION
1/16/2013	FFO	55.68	710.0	FURNACE WALL LEAKS
1/21/2013	FFO	87.22	710.0	CONTROLS AND INSTRUMENTATION
2/4/2013	PFO	8.80	63.0	AIR SUPPLY DAMPERS
2/5/2013	PMO	9.22	63.0	CONTROLS AND INSTRUMENTATION
2/6/2013	PMO	9.80	63.0	CONTROLS AND INSTRUMENTATION
2/7/2013	PFO	9.25	63.0	PULVERIZER FIRES
2/7/2013	PFO	0.83	91.2	PULVERIZER SYSTEM COAL LEAKS (NOT PULVERIZERS)
2/12/2013	PMO	7.92	305.0	CONTROLS AND INSTRUMENTATION
2/13/2013	PMO	7.53	305.0	CONTROLS AND INSTRUMENTATION
2/14/2013	PMO	8.82	91.0	CONTROLS AND INSTRUMENTATION
2/17/2013	PFO	3.77	58.1	PULVERIZER FEEDER MOTOR
2/19/2013	FMO	49.00	710.0	OTHER MAIN STEAM VALVES
2/24/2013	PFO	27.25	472.0	CONTROLS AND INSTRUMENTATION
3/10/2013	PFO	0.60	329.0	CONTROLS AND INSTRUMENTATION
3/12/2013	PMO	2.00	233.9	BOILER; MISCELLANEOUS
3/16/2013	FFO	98.00	710.0	GEN. STATOR WINDINGS; BUSHINGS; AND TERMINALS

PROGRESS ENERGY FLORIDA

ACTUAL UNIT EVENT DATA -- January - March 2013

Hines 1

Date	Outage Type	Hours	MW Affected	Description
3/23/2013	PPO	216.00	207.0	MAJOR GAS TURBINE OVERHAUL

PROGRESS ENERGY FLORIDA

ACTUAL UNIT EVENT DATA -- January - March 2013

Hines 2

Date	Outage Type	Hours	MW Affected	Description
2/2/2013	PO	495.57	490.0	GAS TURBINE - BOROSCOPE INSPECTION
2/24/2013	FFO	5.07	490.0	GAS TURBINE - FIRE DETECTION AND EXTINGUISHING SYS
2/25/2013	FFO	121.33	490.0	GAS TURBINE - FIRE DETECTION AND EXTINGUISHING SYS

PROGRESS ENERGY FLORIDA

ACTUAL UNIT EVENT DATA -- January - March 2013

Hines 3

Date	Outage Type	Hours	MW Affected	Description
3/1/2013	PPO	112.93	228.0	MAJOR GAS TURBINE OVERHAUL
3/5/2013	PO	171.65	488.0	GAS TURBINE - BOROSCOPE INSPECTION
3/12/2013	PPO	458.42	228.0	MAJOR GAS TURBINE OVERHAUL

PROGRESS ENERGY FLORIDA

ACTUAL UNIT EVENT DATA -- January - March 2013

Hines 4

Date	Outage Type	Hours	MW Affected	Description
3/26/2013	FMO	9.10	472.0	INVERTERS