



RECEIVED FPSC
13 APR - 3 AM 9:39
COMMISSION
CLERK

April 2, 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 February, 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 February, 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

cc: Tom Ballinger
Director of Engineering
FPSC
Parties of Record

COM
AFD
APA
ECO
ENG
GCL
IDM
TEL
CLK

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 - Feb Period
1. EAF	97.92	84.48											91.54
2. PH	744	672											1,416
3. SH	612.5	539.2											1,151.7
4. RSH	117.6	28.8											146.4
5. UH	13.9	104.0											117.9
6. POH	0.0	87.0											87.0
7. FOH	7.6	16.9											24.5
8. MOH	6.3	0.2											6.5
9. PPOH	0.0	168.8											168.8
10. LR PP (MW)	0.0	156.5											156.5
11. PFOH	8.0	1.7											9.7
12. LR PF (MW)	214.6	156.3											204.6
13. PMOH	0.0	0.0											0.0
14. LR PM (MW)	0.0	0.0											0.0
15. NSC (MW)	1074	1074											1074
16. OPER MBTU	4,127,193	3,712,463											7,839,656
17. NET GEN (MWH)	563,341	502,626											1,065,967
18. ANOHR (BTU/KWH)	7,326.3	7,386.1											7,354.5
19. NOF (%)	85.64	86.80											86.18
20. NPC (MW)	1074	1074											1074

DOCUMENT NUMBER-DATE

01628 APR-3 2013

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 - Feb Period
1. EAF	100.00	99.67											99.84
2. PH	744	672											1,416
3. SH	744.0	669.8											1,413.8
4. RSH	0.0	0.0											0.0
5. UH	0.0	2.2											2.2
6. POH	0.0	0.0											0.0
7. FOH	0.0	2.2											2.2
8. MOH	0.0	0.0											0.0
9. PPOH	0.0	30.0											30.0
10. LR PP (MW)	0.0	42.8											42.8
11. PFOH	0.0	0.0											0.0
12. LR PF (MW)	0.0	0.0											0.0
13. PMOH	0.0	0.0											0.0
14. LR PM (MW)	0.0	0.0											0.0
15. NSC (MW)	712	712											712
16. OPER MBTU	3,665,173	3,389,230											7,054,403
17. NET GEN (MWH)	351,098	326,307											677,405
18. ANOHR (BTU/KWH)	10,439.2	10,386.6											10,413.9
19. NOF (%)	66.28	68.43											67.30
20. NPC (MW)	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 - Feb Period
1. EAF	75.56	89.71											82.27
2. PH	744	672											1,416
3. SH	597.6	623.0											1,220.6
4. RSH	0.0	0.0											0.0
5. UH	146.4	49.0											195.4
6. POH	0.0	0.0											0.0
7. FOH	146.4	0.0											146.4
8. MOH	0.0	49.0											49.0
9. PPOH	0.0	43.3											43.3
10. LR PP (MW)	0.0	155.1											155.1
11. PFOH	48.1	49.9											98.0
12. LR PF (MW)	523.9	286.4											402.9
13. PMOH	0.0	0.0											0.0
14. LR PM (MW)	0.0	0.0											0.0
15. NSC (MW)	710	710											710
16. OPER MBTU	2,595,380	3,126,153											5,721,533
17. NET GEN (MWH)	242,344	300,323											542,667
18. ANOHR (BTU/KWH)	10,709.5	10,409.3											10,543.4
19. NOF (%)	57.12	67.90											62.62
20. NPC (MW)	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 - Feb Period
1. EAF	100.00	100.00											100.00
2. PH	744	672											1,416
3. SH	744.0	672.0											1,416.0
4. RSH	0.0	0.0											0.0
5. UH	0.0	0.0											0.0
6. POH	0.0	0.0											0.0
7. FOH	0.0	0.0											0.0
8. MOH	0.0	0.0											0.0
9. PPOH	0.0	0.0											0.0
10. LR PP (MW)	0.0	0.0											0.0
11. PFOH	0.0	0.0											0.0
12. LR PF (MW)	0.0	0.0											0.0
13. PMOH	0.0	0.0											0.0
14. LR PM (MW)	0.0	0.0											0.0
15. NSC (MW)	462	462											462
16. OPER MBTU	2,402,918	2,210,653											4,613,571
17. NET GEN (MWH)	333,404	312,259											645,663
18. ANOHR (BTU/KWH)	7,207.2	7,079.6											7,145.5
19. NOF (%)	97.00	100.58											98.70
20. NPC (MW)	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 - Feb Period
1. EAF	100.00	11.25											57.88
2. PH	744	672											1,416
3. SH	335.8	51.6											387.4
4. RSH	408.2	24.0											432.2
5. UH	0.0	596.4											596.4
6. POH	0.0	495.6											495.6
7. FOH	0.0	100.8											100.8
8. MOH	0.0	0.0											0.0
9. PPOH	0.0	0.0											0.0
10. LR PP (MW)	0.0	0.0											0.0
11. PFOH	0.0	0.0											0.0
12. LR PF (MW)	0.0	0.0											0.0
13. PMOH	0.0	0.0											0.0
14. LR PM (MW)	0.0	0.0											0.0
15. NSC (MW)	490	490											490
16. OPER MBTU	573,429	172,528											745,957
17. NET GEN (MWH)	76,912	10,384											87,296
18. ANOHR (BTU/KWH)	7,455.6	16,614.8											8,545.1
19. NOF (%)	46.74	41.05											45.98
20. NPC (MW)	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 - Feb Period
1. EAF	100.00	100.00											100.00
2. PH	744	672											1,416
3. SH	744.0	672.0											1,416.0
4. RSH	0.0	0.0											0.0
5. UH	0.0	0.0											0.0
6. POH	0.0	0.0											0.0
7. FOH	0.0	0.0											0.0
8. MOH	0.0	0.0											0.0
9. PPOH	0.0	0.0											0.0
10. LR PP (MW)	0.0	0.0											0.0
11. PFOH	0.0	0.0											0.0
12. LR PF (MW)	0.0	0.0											0.0
13. PMOH	0.0	0.0											0.0
14. LR PM (MW)	0.0	0.0											0.0
15. NSC (MW)	488	488											488
16. OPER MBTU	1,400,404	1,320,380											2,720,783
17. NET GEN (MWH)	187,931	174,079											362,010
18. ANOHR (BTU/KWH)	7,451.7	7,584.9											7,515.8
19. NOF (%)	51.76	53.08											52.39
20. NPC (MW)	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 - Feb Period
1. EAF	100.00	100.00											100.00
2. PH	744	672											1,416
3. SH	744.0	672.0											1,416.0
4. RSH	0.0	0.0											0.0
5. UH	0.0	0.0											0.0
6. POH	0.0	0.0											0.0
7. FOH	0.0	0.0											0.0
8. MOH	0.0	0.0											0.0
9. PPOH	0.0	0.0											0.0
10. LR PP (MW)	0.0	0.0											0.0
11. PFOH	0.0	0.0											0.0
12. LR PF (MW)	0.0	0.0											0.0
13. PMOH	0.0	0.0											0.0
14. LR PM (MW)	0.0	0.0											0.0
15. NSC (MW)	472	472											472
16. OPER MBTU	1,589,486	1,692,970											3,282,456
17. NET GEN (MWH)	229,724	249,046											478,770
18. ANOHR (BTU/KWH)	6,919.1	6,797.8											6,856.0
19. NOF (%)	65.42	78.52											71.63
20. NPC (MW)	472	472											472

PROGRESS ENERGY FLORIDA

ACTUAL UNIT EVENT DATA -- January - February 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	495.00	176.0	GAS TURBINE - HOT END INSPECTION
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 4D	1/2/2013	FFO	0.53	176.0	OPERATOR ERROR
BCC 4D	1/31/2013	FFO	1.53	176.0	IP STARTUP BYPASS SYSTEM VALVES
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	20.33	429.0	OTHER LOW PRESSURE TURBINE PROBLEMS

PROGRESS ENERGY FLORIDA

ACTUAL UNIT EVENT DATA -- January - February 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

PROGRESS ENERGY FLORIDA

ACTUAL UNIT EVENT DATA -- January - February 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

PROGRESS ENERGY FLORIDA

ACTUAL UNIT EVENT DATA -- January - February 2013

Hines 1

Date	Outage Type	Hours	MW Affected	Description

PROGRESS ENERGY FLORIDA

ACTUAL UNIT EVENT DATA -- January - February 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	100.82	490.0	GAS TURBINE - FIRE DETECTION AND EXTINGUISHING SYS

PROGRESS ENERGY FLORIDA

ACTUAL UNIT EVENT DATA -- January - February 2013

Hines 3

Date	Outage Type	Hours	MW Affected	Description

PROGRESS ENERGY FLORIDA

ACTUAL UNIT EVENT DATA -- January - February 2013

Hines 4

Date	Outage Type	Hours	MW Affected	Description