DUKE ENERGY FLORIDA

August 28, 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 July, 2013

Dear Ms. Cole:

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

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

COM
AFD 7
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ECO 1
ENG 1
GCL 1
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TEL
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Sincerely,

Dianne Triplett
Associate General Counsel

DT/emc
Enclosure

cc: Tom Ballinger
Director of Engineering
FPSC
Parties of Record

299 First Avenue N (33701) ∃ Post Office Box 14042 (33733) ∃ St. Petersburg, Florida
Phone: 727.820.4692 ∃ Fax: 727.820.5041 ∃ Email: Diane.Triplett@pgnmail.com

Duke 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 - Jul Period
1. EAF	97.92	84.48	56.60	93.13	95.12	99.03	95.48						88.82
2. PH	744	672	743	720	744	720	744						5,087
3. SH	612.5	539.2	406.6	632.5	653.5	690.7	696.7						4,231.5
4. RSH	117.6	28.8	18.6	70.7	60.5	23.5	14.4						334.1
5. UH	13.9	104.0	317.8	16.8	30.1	5.9	33.0						521.4
6. POH	0.0	87.0	317.4	0.0	0.0	0.0	0.0						404.4
7. FOH	7.6	16.9	0.4	0.6	3.9	4.1	4.3						37.7
8. MOH	6.3	0.2	0.0	16.2	26.2	1.8	28.7						79.4
9. PPOH	0.0	168.8	58.5	0.0	0.0	0.0	0.0						227.3
10. LR PP (MW)	0.0	156.5	156.5	0.0	0.0	0.0	0.0						156.5
11. PFOH	8.0	1.7	32.3	223.6	8.9	9.0	10.5						293.8
12. LR PF (MW)	214.6	156.3	156.5	157.0	90.2	99.5	69.3						151.6
13. PMOH	0.0	0.0	0.0	0.0	57.8	4.0	0.0						61.8
14. LR PM (MW)	0.0	0.0	0.0	0.0	101.8	67.5	0.0						99.6
15. NSC (MW)	1074	1074	1074	1074	1074	1074	1074						1074
16. OPER MBTU	4,127,193	3,712,463	3,068,324	4,104,517	4,284,649	4,783,269	4,989,524						29,069,939
17. NET GEN (MWH)	563,341	502,626	366,800	560,403	588,872	654,808	664,060						3,900,910
18. ANOHR (BTU/KWH)	7,326.3	7,386.1	8,365.1	7,324.2	7,276.0	7,304.8	7,513.7						7,452.1
19. NOF (%)	85.64	86.80	84.00	82.50	83.91	88.28	88.75						85.83
20. NPC (MW)	1074	1074	1074	1074	1074	1074	1074						1074

Duke 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 - Jul Period
1. EAF	100.00	99.40	30.07	99.40	73.17	69.97	80.26						78.56
2. PH	744	672	743	720	744	720	744						5,087
3. SH	744.0	669.8	225.5	720.0	545.0	503.8	597.3						4,005.4
4. RSH	0.0	0.0	0.0	0.0	0.0	0.0	0.0						0.0
5. UH	0.0	2.2	517.5	0.0	199.0	216.2	146.7						1,081.6
6. POH	0.0	0.0	516.8	0.0	0.0	0.0	0.0						516.8
7. FOH	0.0	2.2	0.7	0.0	38.3	0.0	0.0						41.2
8. MOH	0.0	0.0	0.0	0.0	160.8	216.2	146.7						523.7
9. PPOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0						0.0
10. LR PP (MW)	0.0	0.0	0.0	0.0	0.0	0.0	0.0						0.0
11. PFOH	0.0	0.0	16.0	10.8	8.7	0.0	1.5						37.0
12. LR PF (MW)	0.0	0.0	93.0	5.0	44.2	0.0	93.2						55.9
13. PMOH	0.0	30.0	0.0	12.5	0.0	0.0	0.0						42.5
14. LR PM (MW)	0.0	42.8	0.0	241.7	0.0	0.0	0.0						101.3
15. NSC (MW)	712	712	712	712	712	712	712						712
16. OPER MBTU	3,665,173	3,389,230	1,043,604	4,691,727	3,416,885	3,079,048	3,314,511						22,600,179
17. NET GEN (MWH)	351,098	326,307	98,909	441,792	312,393	290,324	301,999						2,122,822
18. ANOHR (BTU/KWH)	10,439.2	10,386.6	10,551.2	10,619.8	10,937.8	10,605.6	10,975.2						10,646.3
19. NOF (%)	66.28	68.43	61.60	86.18	80.51	80.94	71.01						74.44
20. NPC (MW)	712	712	712	712	712	712	712						712

Duke 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 - Jul Period
1. EAF	75.56	90.09	86.71	99.73	99.00	92.32	99.77						91.87
2. PH	744	672	743	720	744	720	744						5,087
3. SH	597.6	635.0	645.0	720.0	736.8	666.3	744.0						4,744.7
4. RSH	0.0	0.0	0.0	0.0	0.0	0.0	0.0						0.0
5. UH	146.4	37.0	98.0	0.0	7.2	53.7	0.0						342.3
6. POH	0.0	0.0	0.0	0.0	0.0	0.0	0.0						0.0
7. FOH	146.4	0.0	98.0	0.0	7.2	53.7	0.0						305.3
8. MOH	0.0	37.0	0.0	0.0	0.0	0.0	0.0						37.0
9. PPOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0						0.0
10. LR PP (MW)	0.0	0.0	0.0	0.0	0.0	0.0	0.0						0.0
11. PFOH	48.1	49.9	0.6	19.4	5.5	4.5	9.2						137.1
12. LR PF (MW)	523.9	286.4	79.0	45.7	28.8	91.0	63.4						303.1
13. PMOH	0.0	43.3	2.0	5.5	0.0	8.0	7.0						65.8
14. LR PM (MW)	0.0	155.1	234.0	91.0	0.0	91.0	91.0						137.5
15. NSC (MW)	710	710	710	710	710	710	710						710
16. OPER MBTU	2,595,380	3,126,153	3,988,380	4,364,618	4,373,920	3,818,889	3,798,563						26,065,903
17. NET GEN (MWH)	242,344	300,323	390,822	414,469	415,235	363,532	353,702						2,480,427
18. ANOHR (BTU/KWH)	10,709.5	10,409.3	10,205.1	10,530.6	10,533.6	10,505.0	10,739.4						10,508.6
19. NOF (%)	57.12	66.61	85.34	81.08	79.38	76.84	66.96						73.63
20. NPC (MW)	710	710	710	710	710	710	710						710

Duke 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 - Jul Period
1. EAF	100.00	100.00	100.00	40.53	76.25	95.02	97.27						87.00
2. PH	744	672	743	720	744	720	744						5,087
3. SH	744.0	672.0	743.0	291.8	567.3	699.0	744.0						4,461.1
4. RSH	0.0	0.0	0.0	0.0	0.0	0.0	0.0						0.0
5. UH	0.0	0.0	0.0	428.2	176.7	21.0	0.0						625.9
6. POH	0.0	0.0	0.0	428.2	170.7	0.0	0.0						598.9
7. FOH	0.0	0.0	0.0	0.0	6.1	21.0	0.0						27.1
8. MOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0						0.0
9. PPOH	0.0	0.0	216.0	291.8	383.4	0.0	0.0						891.2
10. LR PP (MW)	0.0	0.0	207.0	207.0	207.0	0.0	0.0						207.0
11. PFOH	0.0	0.0	0.0	0.0	0.0	28.6	55.3						83.9
12. LR PF (MW)	0.0	0.0	0.0	0.0	0.0	229.0	169.6						189.8
13. PMOH	0.0	0.0	0.0	0.0	0.0	1.6	0.0						1.6
14. LR PM (MW)	0.0	0.0	0.0	0.0	0.0	198.6	0.0						198.6
15. NSC (MW)	462	462	462	462	462	462	462						462
16. OPER MBTU	2,402,918	2,210,653	2,097,737	429,245	970,603	1,985,653	2,144,916						12,241,725
17. NET GEN (MWH)	333,404	312,259	266,812	53,909	123,979	255,827	292,937						1,639,127
18. ANOHR (BTU/KWH)	7,207.2	7,079.6	7,862.2	7,962.4	7,828.8	7,761.7	7,322.1						7,468.4
19. NOF (%)	97.00	100.58	77.73	39.99	47.31	79.22	85.22						79.53
20. NPC (MW)	462	462	462	462	462	462	462						462

Duke 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 - Jul Period
1. EAF	100.00	11.25	96.56	100.00	96.39	96.68	98.57						86.57
2. PH	744	672	743	720	744	720	744						5,087
3. SH	335.8	51.6	717.4	720.0	717.2	696.5	744.0						3,982.5
4. RSH	408.2	24.0	0.0	0.0	0.0	0.0	0.0						432.2
5. UH	0.0	596.4	25.6	0.0	26.8	23.6	0.0						672.4
6. POH	0.0	495.6	0.0	0.0	0.0	0.0	0.0						495.6
7. FOH	0.0	100.8	25.6	0.0	26.8	23.6	0.0						176.8
8. MOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0						0.0
9. PPOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0						0.0
10. LR PP (MW)	0.0	0.0	0.0	0.0	0.0	0.0	0.0						0.0
11. PFOH	0.0	0.0	0.0	0.0	0.0	0.0	22.7						22.7
12. LR PF (MW)	0.0	0.0	0.0	0.0	0.0	0.0	230.3						230.3
13. PMOH	0.0	0.0	0.0	0.0	0.0	1.5	0.0						1.5
14. LR PM (MW)	0.0	0.0	0.0	0.0	0.0	127.0	0.0						127.0
15. NSC (MW)	490	490	490	490	490	490	490						490
16. OPER MBTU	573,429	172,528	1,727,376	2,023,581	2,120,946	2,330,984	2,274,828						11,223,672
17. NET GEN (MWH)	76,912	10,384	251,308	279,001	283,907	303,656	310,483						1,515,651
18. ANOHR (BTU/KWH)	7,455.6	16,614.8	6,873.5	7,253.0	7,470.6	7,676.4	7,326.7						7,405.2
19. NOF (%)	46.74	41.05	71.49	79.08	80.79	88.98	85.17						77.67
20. NPC (MW)	490	490	490	490	490	490	490						490

Duke 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 - Jul Period
1. EAF	100.00	100.00	76.90	100.00	100.00	100.00	93.52						95.68
2. PH	744	672	743	720	744	720	744						5,087
3. SH	744.0	672.0	571.4	720.0	744.0	720.0	700.4						4,871.8
4. RSH	0.0	0.0	0.0	0.0	0.0	0.0	0.0						0.0
5. UH	0.0	0.0	171.7	0.0	0.0	0.0	43.6						215.2
6. POH	0.0	0.0	171.7	0.0	0.0	0.0	0.0						171.7
7. FOH	0.0	0.0	0.0	0.0	0.0	0.0	43.6						43.6
8. MOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0						0.0
9. PPOH	0.0	0.0	571.4	176.5	8.9	0.0	0.0						756.7
10. LR PP (MW)	0.0	0.0	228.0	228.0	125.0	0.0	0.0						226.8
11. PFOH	0.0	0.0	0.0	0.0	0.0	0.0	17.1						17.1
12. LR PF (MW)	0.0	0.0	0.0	0.0	0.0	0.0	132.2						132.2
13. PMOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0						0.0
14. LR PM (MW)	0.0	0.0	0.0	0.0	0.0	0.0	0.0						0.0
15. NSC (MW)	488	488	488	488	488	488	488						488
16. OPER MBTU	1,400,404	1,320,380	1,005,540	1,778,298	2,300,689	2,158,319	2,125,122						12,088,752
17. NET GEN (MWH)	187,931	174,079	129,263	243,767	309,630	297,713	294,815						1,637,198
18. ANOHR (BTU/KWH)	7,451.7	7,584.9	7,779.0	7,295.1	7,430.4	7,249.7	7,208.3						7,383.8
19. NOF (%)	51.76	53.08	46.36	69.38	85.28	84.73	86.25						68.86
20. NPC (MW)	488	488	488	488	488	488	488						488

Duke 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 - Jul Period
1. EAF	100.00	100.00	98.78	100.00	98.25	99.91	100.00						99.55
2. PH	744	672	743	720	744	720	744						5,087
3. SH	744.0	672.0	733.9	720.0	731.0	720.0	744.0						5,064.9
4. RSH	0.0	0.0	0.0	0.0	0.0	0.0	0.0						0.0
5. UH	0.0	0.0	9.1	0.0	13.0	0.0	0.0						22.1
6. POH	0.0	0.0	0.0	0.0	0.0	0.0	0.0						0.0
7. FOH	0.0	0.0	0.0	0.0	13.0	0.0	0.0						13.0
8. MOH	0.0	0.0	9.1	0.0	0.0	0.0	0.0						9.1
9. PPOH	0.0	0.0	0.0	0.0	6.6	0.0	0.0						6.6
10. LR PP (MW)	0.0	0.0	0.0	0.0	140.0	0.0	0.0						140.0
11. PFOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0						0.0
12. LR PF (MW)	0.0	0.0	0.0	0.0	0.0	0.0	0.0						0.0
13. PMOH	0.0	0.0	0.0	0.0	0.0	2.2	0.0						2.2
14. LR PM (MW)	0.0	0.0	0.0	0.0	0.0	139.8	0.0						139.8
15. NSC (MW)	472	472	472	472	472	472	472						472
16. OPER MBTU	1,589,486	1,692,970	2,231,910	1,839,618	1,797,414	2,158,318	2,439,978						13,749,694
17. NET GEN (MWH)	229,724	249,046	334,726	255,052	252,425	333,089	346,547						2,000,609
18. ANOHR (BTU/KWH)	6,919.1	6,797.8	6,667.9	7,212.7	7,120.6	6,479.7	7,040.8						6,872.8
19. NOF (%)	65.42	78.52	96.63	75.05	73.16	98.01	98.68						83.69
20. NPC (MW)	472	472	472	472	472	472	472						472

Duke Energy Florida

ACTUAL UNIT EVENT DATA -- January - July 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 4A	6/18/2013	FFO	25.17	176.0	GAS TURBINE - COMBUSTOR CASING
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 4B	4/26/2013	FMO	100.48	176.0	IP SUPERHEATER
BCC 4B	5/15/2013	FFO	23.90	176.0	GAS TURBINE - FIRE DETECTION AND EXTINGUISHING SYS
BCC 4B	6/2/2013	FMO	11.17	176.0	OTHER HP STEAM SYSTEM PROBLEMS
BCC 4C	3/5/2013	PO	174.35	176.0	GAS TURBINE CONTROL SYSTEM - UPGRADES
BCC 4C	5/17/2013	FMO	162.57	176.0	OTHER EXCITER PROBLEMS
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 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 4D	4/3/2013	FFO	3.65	176.0	GAS TURBINE - LUBE OIL VALVES/PIPING
BCC 4D	7/22/2013	FFO	26.80	176.0	GAS TURBINE - FUEL PIPING AND 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	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	155.02	156.5	REHEAT STEAM PIPING UP TO TURBINE STOP VALVES

Duke Energy Florida

ACTUAL UNIT EVENT DATA -- January - July 2013

Bartow CC

Unit	Date	Outage Type	Hours	MW Affected	Description
BCC 4S	4/3/2013	PFO	3.65	245.5	GAS TURBINE - LUBE OIL VALVES/PIPING
BCC 4S	4/3/2013	PFO	450.90	156.5	REHEAT STEAM PIPING UP TO TURBINE STOP VALVES
BCC 4S	4/26/2013	PFO	110.80	156.5	IP SUPERHEATER
BCC 4S	5/15/2013	PFO	23.90	87.5	GAS TURBINE - FIRE DETECTION AND EXTINGUISHING SYS
BCC 4S	5/17/2013	PMO	70.72	69.5	OTHER EXCITER PROBLEMS
BCC 4S	5/20/2013	PMO	60.28	156.5	FEEDWATER CONTROLS
BCC 4S	5/23/2013	PMO	31.57	69.5	OTHER EXCITER PROBLEMS
BCC 4S	6/2/2013	PMO	11.17	67.5	OTHER HP STEAM SYSTEM PROBLEMS
BCC 4S	6/18/2013	PFO	25.17	99.5	GAS TURBINE - COMBUSTOR CASING
BCC 4S	7/12/2013	FMO	80.57	429.0	MAIN TRANSFORMER
BCC 4S	7/22/2013	PFO	26.80	69.5	GAS TURBINE - FUEL PIPING AND VALVES
BCC 4S	7/29/2013	PFO	2.63	67.5	TRAVELING SCREENS

Duke Energy Florida

ACTUAL UNIT EVENT DATA -- January - July 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	0.67	712.0	START-UP FEEDWATER PUMP
3/27/2013	PFO	16.00	93.0	PRIMARY AIR DUCTS AND DAMPERS
4/3/2013	PMO	6.50	379.0	COAL CONVEYERS AND FEEDERS
4/18/2013	PMO	6.00	93.0	PULVERIZER LUBE OIL SYSTEM
4/19/2013	PFO	10.08	1.0	WET COAL (OMC)
4/27/2013	PFO	0.67	65.1	CONTROLS AND INSTRUMENTATION
5/3/2013	FMO	160.77	712.0	MAIN TRANSFORMER
5/11/2013	FFO	1.82	712.0	WET SCRUBBER/ABSORBER TOWER OR MODULE
5/17/2013	PFO	0.50	159.5	WET COAL (OMC)
5/17/2013	PFO	0.52	140.5	WET COAL (OMC)
5/17/2013	PFO	1.28	141.0	WET COAL (OMC)
5/28/2013	FFO	36.45	712.0	OTHER EXCITER PROBLEMS
5/31/2013	PFO	6.42	8.0	MAIN STEAM RELIEF/SAFETY VALVES
6/21/2013	FMO	362.90	712.0	OTHER HYDROGEN SYSTEM PROBLEMS
7/7/2013	PFO	1.53	92.9	PULVERIZER SYSTEM COAL LEAKS (NOT PULVERIZERS)

Duke Energy Florida

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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	37.00	710.0	OTHER MAIN STEAM VALVES
2/24/2013	PFO	27.25	472.0	CONTROLS AND INSTRUMENTATION
3/10/2013	PFO	0.60	79.3	CONTROLS AND INSTRUMENTATION
3/12/2013	PMO	2.00	233.9	INVERTERS
3/16/2013	FFO	98.00	710.0	GEN. STATOR WINDINGS; BUSHINGS; AND TERMINALS
4/8/2013	PFO	1.00	90.9	PULVERIZER MILLS
4/9/2013	PFO	1.48	91.0	CONTROLS AND INSTRUMENTATION
4/9/2013	PFO	0.15	89.9	CONTROLS AND INSTRUMENTATION
4/9/2013	PFO	0.25	42.6	CONTROLS AND INSTRUMENTATION
4/18/2013	PMO	5.50	91.0	PULVERIZER FEEDER MOTOR
4/19/2013	PFO	0.50	48.3	PULVERIZER FEEDERS
4/19/2013	PFO	9.87	1.0	WET COAL (OMC)

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ACTUAL UNIT EVENT DATA -- January - July 2013

Crystal River 5

Date	Outage Type	Hours	MW Affected	Description
4/20/2013	PFO	1.58	91.0	CONTROLS AND INSTRUMENTATION
4/28/2013	PFO	4.52	101.1	CONTROLS AND INSTRUMENTATION
5/5/2013	PFO	1.00	90.9	CONTROLS AND INSTRUMENTATION
5/15/2013	FFO	7.22	710.0	SWITCHYARD SYSTEM PROTECTION DEVICES
5/17/2013	PFO	4.50	15.0	WET COAL (OMC)
6/7/2013	FFO	53.70	710.0	OTHER MISCELLANEOUS GENERATOR PROBLEMS
6/19/2013	PMO	8.00	91.0	PULVERIZER FEEDERS
6/24/2013	PFO	4.50	91.0	PULVERIZER FEEDER MOTOR
7/2/2013	PFO	3.98	15.0	WET COAL (OMC)
7/2/2013	PFO	2.58	109.9	FOREIGN OBJECT IN MILL
7/10/2013	PFO	2.62	90.9	CONTROLS AND INSTRUMENTATION
7/29/2013	PMO	7.00	91.0	FOREIGN OBJECT IN MILL

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Hines 1

Date	Outage Type	Hours	MW Affected	Description
3/23/2013	PPO	507.80	207.0	MAJOR GAS TURBINE OVERHAUL
4/13/2013	PO	598.88	462.0	MAJOR GAS TURBINE OVERHAUL
5/8/2013	PPO	13.57	207.0	MAJOR GAS TURBINE OVERHAUL
5/8/2013	FFO	6.05	462.0	GAS TURBINE - INLET AIR VANES
5/8/2013	PPO	369.80	207.0	MAJOR GAS TURBINE OVERHAUL
6/4/2013	PFO	2.95	229.0	OTHER EXCITER PROBLEMS
6/22/2013	FFO	4.00	462.0	STEAM TURBINE CONTROL SYSTEM - HARDWARE PROBLEMS
6/25/2013	PMO	1.62	198.9	INTAKE GRATING FOULING
6/28/2013	FFO	17.00	462.0	4000-7000-VOLT CONDUCTORS AND BUSES
6/29/2013	PFO	25.63	229.0	4000-7000-VOLT CONDUCTORS AND BUSES
7/11/2013	PFO	19.00	58.0	MAIN TRANSFORMER
7/27/2013	PFO	30.30	228.0	GAS TURBINE - FIRE DETECTION AND EXTINGUISHING SYS
7/31/2013	PFO	6.00	228.0	GAS TURBINE - FIRE DETECTION AND EXTINGUISHING SYS

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ACTUAL UNIT EVENT DATA -- January - July 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
5/3/2013	FFO	18.40	490.0	UNIT AUXILIARIES TRANSFORMER
5/27/2013	FFO	8.43	490.0	CIRCULATING WATER PUMP MOTORS
6/1/2013	PMO	1.50	127.1	INTAKE GRATING FOULING
6/28/2013	FFO	23.55	490.0	4000-7000-VOLT CONDUCTORS AND BUSES
7/5/2013	PFO	1.00	336.1	CONDENSER LOSS OF VACUUM
7/6/2013	PFO	13.48	225.0	MAIN TRANSFORMER
7/18/2013	PFO	8.18	226.0	MAIN TRANSFORMER

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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	634.87	228.0	MAJOR GAS TURBINE OVERHAUL
5/14/2013	PPO	8.87	125.0	CONDENSER TUBE AND WATER BOX CLEANING
7/16/2013	PFO	13.63	68.0	CIRCULATING WATER PUMP MOTORS
7/20/2013	FFO	40.45	488.0	TURBINE HYDRAULIC SYSTEM PUMPS
7/22/2013	PFO	3.43	387.1	TURBINE HYDRAULIC SYSTEM PUMPS
7/23/2013	FFO	3.13	488.0	STEAM TURBINE CONTROL SYSTEM - LOGIC PROBLEMS

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Hines 4

Date	Outage Type	Hours	MW Affected	Description
3/26/2013	FMO	9.10	472.0	INVERTERS
5/13/2013	FFO	13.02	472.0	CONDENSATE/HOTWELL PUMPS
5/23/2013	PPO	6.55	140.0	CONDENSER TUBE AND WATER BOX CLEANING
6/3/2013	PMO	1.22	140.0	INTAKE GRATING FOULING
6/25/2013	PMO	1.00	140.2	INTAKE GRATING FOULING