



DIANNE TRIPLETT
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Via Electronic Filing

July 24, 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 June, 2014

Dear Ms. Stauffer:

Enclosed for filing in the above docket is Duke Energy Florida's Performance Data Report for June, 2014.

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

Sincerely,

A handwritten signature in blue ink that reads "Dianne Triplett".

Dianne Triplett
Associate General Counsel

DT/at
Enclosure

cc: Tom Ballinger
Director of Engineering
FPSC
Parties of Record

Duke Energy Florida, Inc.

CERTIFICATE OF SERVICE

Docket No. 140001-EI

I HEREBY CERTIFY that a true copy of Duke Energy Florida, Inc.'s Schedules for the month of June, 2014 have been furnished to the following individuals via e-mail on this 24th day of July, 2014.



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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 - Jun Period
1. EAF	99.84	98.32	88.53	49.79	41.22	93.19							78.23
2. PH	744	672	743	720	744	720							4,343
3. SH	742.2	660.1	647.9	358.5	306.7	671.9							3,387.3
4. RSH	0.8	2.5	21.6	0.0	0.0	0.6							25.6
5. UH	1.0	9.4	73.5	361.5	437.3	47.5							930.1
6. POH	0.0	0.0	19.6	218.3	61.8	0.0							299.8
7. FOH	1.0	9.4	1.1	143.2	375.5	40.9							571.0
8. MOH	0.0	0.0	52.8	0.0	0.0	6.6							59.4
9. PPOH	0.0	0.0	18.1	25.6	0.0	0.0							43.7
10. LR PP (MW)	0.0	0.0	109.5	109.5	0.0	0.0							109.5
11. PFOH	2.2	20.8	2.4	0.0	0.0	1.3							26.7
12. LR PF (MW)	109.6	98.0	198.6	0.0	0.0	54.8							105.9
13. PMOH	0.0	0.0	110.8	0.0	0.0	14.6							125.4
14. LR PM (MW)	0.0	0.0	109.5	0.0	0.0	109.5							109.5
15. NSC (MW)	1074	1074	1074	1074	1074	1074							1074
16. OPER MBTU	5,364,255	4,662,389	4,443,220	3,075,679	3,265,340	4,892,499							25,703,382
17. NET GEN (MWH)	748,729	642,025	607,064	331,648	287,688	625,196							3,242,350
18. ANOHR (BTU/KWH)	7,164.5	7,262.0	7,319.2	9,273.9	11,350.3	7,825.5							7,927.4
19. NOF (%)	93.93	90.56	87.24	86.13	87.34	86.64							89.12
20. NPC (MW)	1074	1074	1074	1074	1074	1074							1074

Duke Energy Florida

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 - Jun Period
1. EAF	98.69	58.39	76.49	91.26	83.80	89.86							83.41
2. PH	744	672	743	720	744	720							4,343
3. SH	414.9	401.8	569.8	658.0	627.0	647.0							3,318.5
4. RSH	329.2	0.0	0.0	0.0	0.0	0.0							329.2
5. UH	0.0	270.2	173.2	62.0	117.0	73.0							695.4
6. POH	0.0	0.0	0.0	0.0	0.0	0.0							0.0
7. FOH	0.0	270.2	57.7	62.0	0.0	73.0							462.9
8. MOH	0.0	0.0	115.5	0.0	117.0	0.0							232.5
9. PPOH	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
11. PFOH	0.0	32.3	10.2	6.0	13.5	0.0							62.0
12. LR PF (MW)	0.0	144.4	60.6	117.1	179.0	0.0							135.5
13. PMOH	59.8	12.0	7.0	0.0	0.9	0.0							79.7
14. LR PM (MW)	116.2	169.3	65.0	0.0	112.4	0.0							119.7
15. NSC (MW)	712	712	712	712	712	712							712
16. OPER MBTU	2,600,473	2,343,253	3,476,791	4,058,267	3,769,771	4,187,278							20,435,833
17. NET GEN (MWH)	250,698	225,525	335,143	397,938	375,515	380,256							1,965,075
18. ANOHR (BTU/KWH)	10,372.9	10,390.2	10,374.1	10,198.2	10,038.9	11,011.7							10,399.5
19. NOF (%)	84.87	78.84	82.61	84.94	84.11	82.55							83.17
20. NPC (MW)	712	712	712	712	712	712							712

Duke Energy Florida

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 - Jun Period
1. EAF	100.00	80.05	49.80	99.37	85.89	84.77							83.28
2. PH	744	672	743	720	744	720							4,343
3. SH	623.4	541.1	375.4	720.0	642.0	613.0							3,514.9
4. RSH	120.6	0.0	0.0	0.0	0.0	0.0							120.6
5. UH	0.0	130.9	367.6	0.0	102.1	107.0							707.6
6. POH	0.0	130.9	344.5	0.0	0.0	0.0							475.4
7. FOH	0.0	0.0	23.1	0.0	0.0	0.0							23.1
8. MOH	0.0	0.0	0.0	0.0	102.1	107.0							209.1
9. PPOH	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
11. PFOH	0.0	0.0	6.8	12.9	4.1	2.2							25.9
12. LR PF (MW)	0.0	0.0	567.0	91.0	91.0	567.8							255.9
13. PMOH	0.0	9.5	0.0	28.7	18.7	7.0							63.9
14. LR PM (MW)	0.0	234.0	0.0	72.4	91.0	91.0							103.9
15. NSC (MW)	710	710	710	710	710	710							710
16. OPER MBTU	3,805,652	3,462,031	2,049,803	4,255,527	3,764,543	3,724,765							21,062,320
17. NET GEN (MWH)	389,220	358,201	206,286	433,804	386,498	343,156							2,117,165
18. ANOHR (BTU/KWH)	9,777.6	9,665.1	9,936.7	9,809.8	9,740.1	10,854.4							9,948.4
19. NOF (%)	87.93	93.24	77.40	84.86	84.80	78.84							84.84
20. NPC (MW)	710	710	710	710	710	710							710

Duke Energy Florida

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 - Jun Period
1. EAF	100.00	100.00	100.00	100.00	99.20	99.60							99.80
2. PH	744	672	743	720	744	720							4,343
3. SH	631.5	672.0	601.0	202.7	734.2	720.0							3,561.5
4. RSH	112.5	0.0	142.0	517.3	3.8	0.0							775.6
5. UH	0.0	0.0	0.0	0.0	6.0	0.0							6.0
6. POH	0.0	0.0	0.0	0.0	0.0	0.0							0.0
7. FOH	0.0	0.0	0.0	0.0	0.0	0.0							0.0
8. MOH	0.0	0.0	0.0	0.0	6.0	0.0							6.0
9. PPOH	0.0	0.0	2.9	0.0	0.0	0.0							2.9
10. LR PP (MW)	0.0	0.0	60.4	0.0	0.0	0.0							60.4
11. PFOH	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
13. PMOH	0.0	0.0	0.0	0.0	0.0	21.3							21.3
14. LR PM (MW)	0.0	0.0	0.0	0.0	0.0	62.8							62.8
15. NSC (MW)	465	465	465	465	465	465							465
16. OPER MBTU	2,021,754	2,164,212	1,971,442	695,155	1,848,292	2,119,606							10,820,461
17. NET GEN (MWH)	288,843	292,673	276,429	81,914	303,468	284,883							1,528,210
18. ANOHR (BTU/KWH)	6,999.5	7,394.6	7,131.8	8,486.4	6,090.6	7,440.3							7,080.5
19. NOF (%)	98.36	93.66	98.92	86.89	88.88	85.09							92.28
20. NPC (MW)	465	465	465	465	465	465							465

Duke Energy Florida

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 - Jun Period
1. EAF	99.60	100.00	100.00	99.99	97.16	98.33							99.17
2. PH	744	672	743	720	744	720							4,343
3. SH	536.5	114.3	629.5	720.0	722.9	691.0							3,414.2
4. RSH	205.2	557.7	113.5	0.0	0.0	17.6							894.0
5. UH	2.3	0.0	0.0	0.0	21.1	11.4							34.8
6. POH	0.0	0.0	0.0	0.0	0.0	0.0							0.0
7. FOH	2.3	0.0	0.0	0.0	21.1	1.8							25.3
8. MOH	0.0	0.0	0.0	0.0	0.0	9.5							9.5
9. PPOH	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
11. PFOH	2.7	0.0	0.0	0.0	0.0	0.0							2.7
12. LR PF (MW)	123.1	0.0	0.0	0.0	0.0	0.0							123.1
13. PMOH	0.0	0.0	0.0	0.9	0.0	6.0							7.0
14. LR PM (MW)	0.0	0.0	0.0	51.9	0.0	55.6							55.1
15. NSC (MW)	490	490	490	490	490	490							490
16. OPER MBTU	1,695,005	294,120	1,950,580	2,292,997	2,466,404	2,083,510							10,782,616
17. NET GEN (MWH)	221,604	37,816	261,867	313,969	300,792	279,209							1,415,257
18. ANOHR (BTU/KWH)	7,648.8	7,777.7	7,448.7	7,303.3	8,199.7	7,462.2							7,618.8
19. NOF (%)	84.29	67.51	84.90	88.99	84.92	82.46							84.60
20. NPC (MW)	490	490	490	490	490	490							490

Duke Energy Florida

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 - Jun Period
1. EAF	99.55	83.94	23.24	100.00	87.21	100.00							82.12
2. PH	744	672	743	720	744	720							4,343
3. SH	704.5	154.4	120.0	715.1	648.0	720.0							3,061.9
4. RSH	36.2	409.7	52.7	4.9	3.9	0.0							507.5
5. UH	3.3	108.0	570.3	0.0	92.0	0.0							773.6
6. POH	0.0	0.0	515.3	0.0	0.0	0.0							515.3
7. FOH	3.3	1.3	0.0	0.0	92.0	0.0							96.7
8. MOH	0.0	106.7	55.0	0.0	0.0	0.0							161.7
9. PPOH	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
11. PFOH	0.0	0.0	0.0	0.0	13.8	0.0							13.8
12. LR PF (MW)	0.0	0.0	0.0	0.0	88.0	0.0							88.0
13. PMOH	0.0	0.0	0.0	0.0	6.5	0.0							6.5
14. LR PM (MW)	0.0	0.0	0.0	0.0	45.3	0.0							45.3
15. NSC (MW)	488	488	488	488	488	488							488
16. OPER MBTU	2,261,854	401,229	351,207	2,223,381	1,892,675	2,279,277							9,409,622
17. NET GEN (MWH)	313,782	51,848	41,099	313,930	268,278	318,145							1,307,082
18. ANOHR (BTU/KWH)	7,208.4	7,738.6	8,545.4	7,082.4	7,054.9	7,164.3							7,199.0
19. NOF (%)	91.27	68.82	70.20	89.96	84.83	90.55							87.48
20. NPC (MW)	488	488	488	488	488	488							488

Duke Energy Florida

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 - Jun Period
1. EAF	97.20	100.00	100.00	99.99	97.19	100.00							99.04
2. PH	744	672	743	720	744	720							4,343
3. SH	558.0	584.9	743.0	720.0	724.0	715.8							4,045.6
4. RSH	168.5	87.1	0.0	0.0	0.0	4.2							259.8
5. UH	17.5	0.0	0.0	0.0	20.1	0.0							37.6
6. POH	0.0	0.0	0.0	0.0	0.0	0.0							0.0
7. FOH	6.3	0.0	0.0	0.0	10.0	0.0							16.4
8. MOH	11.2	0.0	0.0	0.0	10.0	0.0							21.2
9. PPOH	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
11. PFOH	15.4	0.0	0.0	0.0	0.0	0.0							15.4
12. LR PF (MW)	80.0	0.0	0.0	0.0	0.0	0.0							80.0
13. PMOH	4.0	0.0	0.0	1.2	8.7	0.0							13.8
14. LR PM (MW)	80.0	0.0	0.0	37.8	45.0	0.0							54.4
15. NSC (MW)	472	472	472	472	472	472							472
16. OPER MBTU	1,735,706	1,745,274	2,390,791	2,277,278	2,537,755	2,245,126							12,931,930
17. NET GEN (MWH)	243,893	244,798	347,288	325,845	329,443	316,959							1,808,226
18. ANOHR (BTU/KWH)	7,116.7	7,129.4	6,884.2	6,988.8	7,703.2	7,083.3							7,151.7
19. NOF (%)	92.61	88.67	99.03	95.88	96.41	93.82							94.69
20. NPC (MW)	472	472	472	472	472	472							472

Duke Energy Florida

ACTUAL UNIT EVENT DATA -- January - June 2014

Bartow CC

Unit	Date	Outage Type	Hours	MW Affected	Description
BCC 4A	2/19/2014	FFO	29.83	173.0	GAS TURBINE - FUEL PIPING AND VALVES
BCC 4A	3/28/2014	PO	496.12	173.0	GAS TURBINE - HOT END INSPECTION
BCC 4A	4/29/2014	FFO	1.77	173.0	PROTECTION DEVICES
BCC 4A	4/30/2014	FFO	135.38	173.0	GAS TURBINE - DIVERTER DAMPERS
BCC 4A	6/12/2014	FMO	40.92	173.0	OTHER GAS TURBINE COMPRESSOR HIGH PRESSURE PROBLEM
BCC 4A	6/30/2014	PFO	1.32	39.5	OTHER CIRCULATING WATER SYSTEM PROBLEMS
BCC 4B	3/4/2014	FMO	11.15	175.0	4000-7000-VOLT CIRCUIT BREAKERS
BCC 4B	4/5/2014	FFO	31.65	175.0	SWITCHYARD SYSTEM PROTECTION DEVICES
BCC 4B	4/17/2014	PO	501.78	175.0	GAS TURBINE - HOT END INSPECTION
BCC 4B	5/17/2014	PO	189.75	175.0	GAS TURBINE - DIVERTER DAMPERS
BCC 4B	5/25/2014	FFO	9.00	175.0	GAS TURBINE - LUBE OIL SYSTEM - GENERAL
BCC 4B	6/30/2014	PFO	1.32	38.5	OTHER CIRCULATING WATER SYSTEM PROBLEMS
BCC 4C	1/24/2014	FFO	6.25	172.0	GAS TURBINE CONTROL SYSTEM - HARDWARE PROBLEM
BCC 4C	2/20/2014	FFO	9.93	172.0	GAS TURBINE - FUEL NOZZLES/VANES
BCC 4C	3/1/2014	FMO	156.40	172.0	GAS TURBINE - BOROSCOPE INSPECTION
BCC 4C	3/8/2014	FFO	6.75	172.0	GAS TURBINE - FUEL PIPING AND VALVES
BCC 4C	4/5/2014	FFO	10.22	172.0	SWITCHYARD SYSTEM PROTECTION DEVICES
BCC 4C	4/21/2014	FFO	788.62	172.0	GENERATOR OUTPUT BREAKER
BCC 4C	6/5/2014	FFO	0.55	172.0	IP DRUM
BCC 4C	6/30/2014	PFO	1.32	35.5	OTHER CIRCULATING WATER SYSTEM PROBLEMS
BCC 4D	2/8/2014	FFO	4.77	172.0	GAS TURBINE - FIRE DETECTION AND EXTINGUISHING SYS
BCC 4D	2/11/2014	FFO	13.85	172.0	GAS TURBINE - FIRE DETECTION AND EXTINGUISHING SYS
BCC 4D	3/8/2014	FMO	161.90	172.0	JET ENGINE - BOROSCOPE INSPECTION
BCC 4D	4/5/2014	FFO	11.17	172.0	SWITCHYARD SYSTEM PROTECTION DEVICES
BCC 4D	4/8/2014	FFO	25.52	172.0	GAS TURBINE - BATTERY AND CHARGER SYSTEM
BCC 4D	4/21/2014	FFO	38.45	172.0	GENERATOR OUTPUT BREAKER
BCC 4D	6/30/2014	PFO	1.32	38.5	OTHER CIRCULATING WATER SYSTEM PROBLEMS

Duke Energy Florida

ACTUAL UNIT EVENT DATA -- January - June 2014

Bartow CC

Unit	Date	Outage Type	Hours	MW Affected	Description
BCC 4S	1/24/2014	PFO	6.25	109.5	GAS TURBINE CONTROL SYSTEM - HARDWARE PROBLEM
BCC 4S	2/8/2014	PFO	4.77	109.5	GAS TURBINE - FIRE DETECTION AND EXTINGUISHING SYS
BCC 4S	2/11/2014	PFO	13.85	109.5	GAS TURBINE - FIRE DETECTION AND EXTINGUISHING SYS
BCC 4S	2/19/2014	PFO	29.82	109.5	GAS TURBINE - FUEL PIPING AND VALVES
BCC 4S	2/20/2014	PFO	9.93	42.1	GAS TURBINE - FUEL NOZZLES/VANES
BCC 4S	3/1/2014	PMO	156.40	109.5	GAS TURBINE - BOROSCOPE INSPECTION
BCC 4S	3/8/2014	PMO	11.68	109.5	GAS TURBINE - BOROSCOPE INSPECTION
BCC 4S	3/8/2014	PFO	6.75	198.5	GAS TURBINE - FUEL PIPING AND VALVES
BCC 4S	3/8/2014	PMO	143.47	109.5	GAS TURBINE - BOROSCOPE INSPECTION
BCC 4S	3/28/2014	PPO	50.75	109.5	GAS TURBINE - HOT END INSPECTION
BCC 4S	3/31/2014	PO	301.27	382.0	GENERATOR OUTPUT BREAKER
BCC 4S	4/17/2014	PPO	72.08	109.5	GAS TURBINE - HOT END INSPECTION
BCC 4S	4/21/2014	FFO	1098.60	382.0	GENERATOR OUTPUT BREAKER
BCC 4S	6/12/2014	PMO	40.92	109.5	OTHER GAS TURBINE COMPRESSOR HIGH PRESSURE PROBLEM
BCC 4S	6/30/2014	PFO	1.32	85.6	OTHER CIRCULATING WATER SYSTEM PROBLEMS

Duke Energy Florida

ACTUAL UNIT EVENT DATA -- January - June 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
2/1/2014	PMO	8.00	93.0	PULVERIZER INSPECTION
2/9/2014	PFO	8.75	27.0	SOOT BLOWERS - STEAM
2/10/2014	PFO	23.55	188.0	MAIN TRANSFORMER
2/11/2014	PMO	4.00	322.0	CEMS - CERTIFICATION AND RECERTIFICATION
2/12/2014	FFO	229.87	712.0	SECOND SUPERHEATER LEAKS
2/27/2014	FFO	98.05	712.0	SECOND SUPERHEATER LEAKS
3/7/2014	PFO	5.83	93.0	PULVERIZER CONTROL SYSTEMS (TEMP AND PRESSURE)
3/7/2014	PMO	7.02	65.0	CEMS - CERTIFICATION AND RECERTIFICATION
3/17/2014	PFO	4.33	16.9	EXTERNAL SUPERHEATER LINK TUBING LEAKS
3/20/2014	FMO	115.48	712.0	SECOND SUPERHEATER LEAKS
4/1/2014	FFO	61.97	712.0	FURNACE WALL LEAKS
4/16/2014	PFO	0.78	117.3	PULVERIZER FEEDERS
4/17/2014	PFO	5.23	117.0	PULVERIZER FEEDERS
5/2/2014	FMO	68.22	712.0	FIRST SUPERHEATER LEAKS
5/16/2014	PMO	0.93	112.2	MAIN STEAM RELIEF/SAFETY VALVES
5/24/2014	PFO	13.48	179.0	FIRST SUPERHEATER LEAKS
5/25/2014	FMO	48.77	712.0	FIRST SUPERHEATER LEAKS
6/15/2014	FFO	73.00	712.0	FURNACE WALL LEAKS

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ACTUAL UNIT EVENT DATA -- January - June 2014

Crystal River 5

Date	Outage Type	Hours	MW Affected	Description
2/5/2014	PMO	9.50	234.0	CEMS - CERTIFICATION AND RECERTIFICATION
2/23/2014	PO	475.40	710.0	MINOR BOILER OVERHAUL (LESS THAN 720 HOURS)
3/15/2014	FFO	23.12	710.0	AIR HEATER (REGENERATIVE)
3/18/2014	PFO	6.75	588.9	PRIMARY AIR FAN
4/8/2014	PMO	21.67	91.0	PULVERIZER MILLS
4/18/2014	PFO	12.85	91.0	FLUE GAS EXPANSION JOINTS
4/19/2014	PMO	7.00	15.0	FLUE GAS EXPANSION JOINTS
5/6/2014	PMO	3.22	90.9	PULVERIZER FEEDERS
5/7/2014	PFO	4.10	90.9	PULVERIZER FEEDERS
5/15/2014	FMO	77.25	710.0	FIRST SUPERHEATER LEAKS
5/28/2014	PMO	15.50	91.0	PULVERIZER INSPECTION
5/30/2014	FMO	131.80	710.0	FIRST SUPERHEATER LEAKS
6/19/2014	PMO	7.00	91.0	OTHER PULVERIZER PROBLEMS
6/21/2014	PFO	2.23	567.2	GENERATOR LIQUID COOLING SYSTEM

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ACTUAL UNIT EVENT DATA -- January - June 2014

Hines 1

Unit	Date	Outage Type	Hours	MW Affected	Description
HEP 1A	3/10/2014	PPO	2.90	67.0	INTAKE GRATING FOULING
HEP 1A	5/21/2014	FMO	18.30	151.0	IP STARTUP BYPASS INSTRUMENTATION AND CONTROLS
HEP 1A	6/7/2014	PMO	1.50	68.0	INTAKE GRATING FOULING
HEP 1A	6/26/2014	PMO	19.75	68.0	BOILER WATER CONDITION (NOT FEEDWATER WATER QUALITY)
HEP 1B	3/10/2014	PPO	2.90	66.0	INTAKE GRATING FOULING
HEP 1B	6/7/2014	PMO	1.50	68.0	INTAKE GRATING FOULING
HEP 1B	6/26/2014	PMO	19.75	68.0	BOILER WATER CONDITION (NOT FEEDWATER WATER QUALITY)
HEP ST1	3/10/2014	PPO	2.90	49.0	INTAKE GRATING FOULING
HEP ST1	6/7/2014	PMO	1.50	51.9	INTAKE GRATING FOULING
HEP ST1	6/26/2014	PMO	19.75	53.0	BOILER WATER CONDITION (NOT FEEDWATER WATER QUALITY)

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ACTUAL UNIT EVENT DATA -- January - June 2014

Hines 2

Unit	Date	Outage Type	Hours	MW Affected	Description
HEP 2A	4/28/2014	PMO	0.83	51.0	INTAKE GRATING FOULING
HEP 2A	5/14/2014	FFO	4.52	154.0	BLADE PATH TEMPERATURE SPREAD
HEP 2A	5/24/2014	FFO	15.28	154.0	CONDENSATE PIPING
HEP 2A	6/18/2014	PMO	6.03	53.0	CONDENSER TUBE FOULING TUBE SIDE
HEP 2B	1/15/2014	FFO	7.30	154.0	GAS TURBINE - FUEL PIPING AND VALVES
HEP 2B	4/28/2014	PMO	1.17	50.9	INTAKE GRATING FOULING
HEP 2B	5/23/2014	FFO	4.05	154.0	GAS FUEL SYSTEM WITH CONTROLS AND INSTRUMENTS
HEP 2B	5/24/2014	FFO	15.28	154.0	CONDENSATE PIPING
HEP 2B	6/16/2014	FMO	30.32	154.0	HP STARTUP BYPASS INSTRUMENTATION AND CONTROLS
HEP 2B	6/17/2014	FFO	3.50	154.0	CONDENSER LOSS OF VACUUM
HEP 2B	6/18/2014	PMO	6.03	53.0	CONDENSER TUBE FOULING TUBE SIDE
HEP ST2	1/15/2014	PFO	7.30	123.0	GAS TURBINE - FUEL PIPING AND VALVES
HEP ST2	4/28/2014	PMO	0.83	54.0	INTAKE GRATING FOULING
HEP ST2	5/24/2014	FFO	0.42	182.0	OTHER DC POWER PROBLEMS
HEP ST2	5/24/2014	FFO	23.33	182.0	CONDENSATE PIPING
HEP ST2	6/17/2014	FFO	2.00	182.0	CONDENSER LOSS OF VACUUM
HEP ST2	6/18/2014	PMO	6.03	60.0	CONDENSER TUBE AND WATER BOX CLEANING

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ACTUAL UNIT EVENT DATA -- January - June 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 3A	2/10/2014	FMO	51.00	155.0	HP STARTUP BYPASS INSTRUMENTATION AND CONTROLS
HEP 3A	2/26/2014	FFO	0.70	155.0	OTHER FEEDWATER SYSTEM PROBLEMS
HEP 3A	3/4/2014	FMO	44.88	155.0	TURBINE TURNING GEAR AND MOTOR
HEP 3A	3/8/2014	PO	513.73	155.0	GENERAL GAS TURBINE UNIT INSPECTION
HEP 3A	3/30/2014	FMO	31.85	155.0	GAS TURBINE - HIGH ENGINE EXHAUST TEMPERATURE
HEP 3A	5/8/2014	FFO	1.72	155.0	HP STARTUP BYPASS INSTRUMENTATION AND CONTROLS
HEP 3A	5/8/2014	FFO	80.62	155.0	IP STARTUP BYPASS INSTRUMENTATION AND CONTROLS
HEP 3A	5/12/2014	FFO	8.12	155.0	IP STARTUP BYPASS INSTRUMENTATION AND CONTROLS
HEP 3A	5/28/2014	PMO	6.50	41.0	CONDENSER TUBE FOULING TUBE SIDE
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 3B	2/10/2014	FMO	51.00	155.0	HP STARTUP BYPASS INSTRUMENTATION AND CONTROLS
HEP 3B	2/12/2014	FMO	175.22	155.0	GAS TURBINE - TURNING GEAR AND MOTOR
HEP 3B	2/25/2014	FFO	0.87	155.0	IP STARTUP BYPASS INSTRUMENTATION AND CONTROLS
HEP 3B	2/25/2014	FFO	0.32	155.0	TURBINE SUPERVISORY SYSTEM
HEP 3B	3/4/2014	FMO	44.88	155.0	TURBINE TURNING GEAR AND MOTOR
HEP 3B	3/8/2014	PO	514.23	155.0	GENERAL GAS TURBINE UNIT INSPECTION
HEP 3B	5/3/2014	FFO	4.75	155.0	FEEDWATER PUMP
HEP 3B	5/4/2014	FFO	7.00	155.0	LOW PRESSURE COMPRESSURE BLEED VALVES
HEP 3B	5/8/2014	FFO	1.68	155.0	CONDENSER LOSS OF VACUUM
HEP 3B	5/8/2014	FFO	71.35	155.0	OTHER MISCELLANEOUS STEAM TURBINE PROBLEMS
HEP 3B	5/12/2014	FFO	1.77	155.0	TURBINE - OTHER LUBE OIL SYSTEM PROBLEMS
HEP 3B	5/12/2014	FFO	6.30	155.0	HP STARTUP BYPASS INSTRUMENTATION AND CONTROLS
HEP 3B	5/28/2014	PMO	6.50	50.0	CONDENSER TUBE FOULING TUBE SIDE
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 - June 2014

Hines 3

Unit	Date	Outage Type	Hours	MW Affected	Description
HEP ST3	2/10/2014	FMO	51.00	178.0	HP STARTUP BYPASS INSTRUMENTATION AND CONTROLS
HEP ST3	2/25/2014	FFO	1.90	178.0	IP STARTUP BYPASS INSTRUMENTATION AND CONTROLS
HEP ST3	3/4/2014	FMO	44.88	178.0	TURBINE TURNING GEAR AND MOTOR
HEP ST3	3/8/2014	PO	517.58	178.0	TURBINE - MISCELLANEOUS TURBINE PIPING
HEP ST3	5/3/2014	PFO	6.83	88.0	FEEDWATER PUMP
HEP ST3	5/3/2014	PFO	31.00	88.0	LOW PRESSURE COMPRESSURE BLEED VALVES
HEP ST3	5/8/2014	FFO	82.72	178.0	CONDENSATE SYSTEM CONTROLS AND INSTRUMENTATION
HEP ST3	5/12/2014	FFO	0.98	178.0	TURBINE - OTHER LUBE OIL SYSTEM PROBLEMS
HEP ST3	5/12/2014	FFO	4.73	178.0	TURBINE - OTHER LUBE OIL SYSTEM PROBLEMS
HEP ST3	5/12/2014	FFO	4.25	178.0	HP STARTUP BYPASS INSTRUMENTATION AND CONTROLS
HEP ST3	5/28/2014	PMO	6.50	45.0	CONDENSER TUBE FOULING TUBE SIDE

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ACTUAL UNIT EVENT DATA -- January - June 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 4A	4/27/2014	PMO	1.17	43.0	INTAKE GRATING FOULING
HEP 4A	5/14/2014	FFO	0.13	151.0	OPERATOR ERROR
HEP 4A	5/17/2014	FMO	31.33	151.0	HEAT RECOVERY STEAM GENERATOR TO GAS TURBINE CON..
HEP 4A	5/25/2014	PMO	1.25	46.0	INTAKE GRATING FOULING
HEP 4B	1/26/2014	FFO	0.50	151.0	BLADE PATH TEMPERATURE SPREAD
HEP 4B	4/27/2014	PMO	1.17	43.0	INTAKE GRATING FOULING
HEP 4B	5/25/2014	PMO	24.57	46.0	INTAKE GRATING FOULING
HEP 4B	6/6/2014	FFO	1.18	151.0	COMPRESSER WASHING
HEP 4B	6/6/2014	FFO	0.75	151.0	IP STARTUP BYPASS INSTRUMENTATION AND CONTROLS
HEP 4B	6/6/2014	FFO	1.50	151.0	IP STARTUP BYPASS INSTRUMENTATION AND CONTROLS
HEP 4B	6/6/2014	FFO	1.45	151.0	IP STARTUP BYPASS INSTRUMENTATION AND CONTROLS
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
HEP ST4	4/27/2014	PMO	1.17	29.0	INTAKE GRATING FOULING
HEP ST4	5/25/2014	PMO	1.25	27.1	INTAKE GRATING FOULING