



Matthew R. Bernier
ASSOCIATE GENERAL COUNSEL

May 21, 2018

VIA ELECTRONIC FILING

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

Re: *Performance Date Report for April 2018*
Docket No. 20180001-EI

Dear Ms. Stauffer:

Attached for electronic filing in the above Docket is Duke Energy Florida, LLC's Performance Data Report for April 2018.

Thank you for your assistance in this matter. Please feel free to call me at (850) 521-1428 should you have any questions concerning this filing.

Sincerely,

/s/ Matthew R. Bernier

Matthew R. Bernier

MRB/cmkn
Attachment

cc: Daniel Lee, Division of Engineering, FPSC

CERTIFICATE OF SERVICE

Docket No. 20180001-EI

I HEREBY CERTIFY that a true copy of Performance Data Report for the month of April 2018 has been furnished to the following individuals via e-mail on this 21st day of May, 2018.

/s/ Matthew R. Bernier

Attorney

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Duke Energy Florida

ACTUAL UNIT PERFORMANCE DATA -- YEAR 2018

Bartow CC	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Jan - Apr Period
1. EAF	100.00	99.71	83.44	99.07									95.43
2. PH	744	672	743	720									2,879
3. SH	723.1	576.0	617.3	699.2									2,615.7
4. RSH	20.9	95.7	13.3	14.1									144.0
5. UH	0.0	0.3	112.4	6.7									119.4
6. POH	0.0	0.0	111.7	0.0									111.7
7. FOH	0.0	0.3	0.8	6.7									7.7
8. MOH	0.0	0.0	0.0	0.0									0.0
9. PPOH	0.0	0.0	64.1	0.0									64.1
10. LR PP (MW)	0.0	0.0	178.5	0.0									178.5
11. PFOH	0.0	15.1	0.0	0.0									15.1
12. LR PF (MW)	0.0	120.0	0.0	0.0									120.0
13. PMOH	0.0	0.0	0.0	0.0									0.0
14. LR PM (MW)	0.0	0.0	0.0	0.0									0.0
15. NSC (MW)	1080	1080	1080	1080									1080
16. OPER MBTU	4,808,629	3,821,765	4,534,493	5,087,891									18,252,778
17. NET GEN (MWH)	627,889	499,274	535,332	670,047									2,332,542
18. ANOHR (BTU/KWH)	7,658.4	7,654.6	8,470.4	7,593.3									7,825.3
19. NOF (%)	80.40	80.26	80.30	88.73									82.57
20. NPC (MW)	1080	1080	1080	1080									1080

Duke Energy Florida

ACTUAL UNIT PERFORMANCE DATA -- YEAR 2018

CRYSTAL RIVER 4	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Jan - Apr Period
1. EAF	95.73	99.52	6.43	65.82									66.09
2. PH	744	672	743	720									2,879
3. SH	744.0	672.0	47.8	482.3									1,946.1
4. RSH	0.0	0.0	0.0	0.0									0.0
5. UH	0.0	0.0	695.2	237.7									932.9
6. POH	0.0	0.0	695.2	211.0									906.3
7. FOH	0.0	0.0	0.0	24.6									24.6
8. MOH	0.0	0.0	0.0	2.0									2.0
9. PPOH	0.6	4.0	0.0	0.0									4.6
10. LR PP (MW)	555.0	426.0	0.0	0.0									442.8
11. PFOH	65.7	6.5	0.0	6.0									78.2
12. LR PF (MW)	339.0	93.0	0.0	93.0									299.9
13. PMOH	0.0	0.0	0.0	34.1									34.1
14. LR PM (MW)	0.0	0.0	0.0	160.0									160.0
15. NSC (MW)	712	712	712	712									712
16. OPER MBTU	4,015,993	3,240,899	222,277	2,320,777									9,799,945
17. NET GEN (MWH)	413,001	321,886	22,657	218,186									975,730
18. ANOHR (BTU/KWH)	9,723.9	10,068.5	9,810.5	10,636.7									10,043.7
19. NOF (%)	77.96	67.27	66.60	63.53									70.42
20. NPC (MW)	712	712	712	712									712

Duke Energy Florida

ACTUAL UNIT PERFORMANCE DATA -- YEAR 2018

CRYSTAL RIVER 5	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Jan - Apr Period
1. EAF	97.92	97.07	97.93	49.56									85.63
2. PH	744	672	743	720									2,879
3. SH	744.0	668.0	730.3	368.4									2,510.7
4. RSH	0.0	0.0	0.0	0.0									0.0
5. UH	0.0	4.0	12.7	351.6									368.3
6. POH	0.0	0.0	0.0	351.6									351.6
7. FOH	0.0	0.0	12.7	0.0									12.7
8. MOH	0.0	4.0	0.0	0.0									4.0
9. PPOH	2.0	0.0	0.0	90.1									92.1
10. LR PP (MW)	91.0	0.0	0.0	91.0									91.0
11. PFOH	36.5	0.0	5.0	0.0									41.5
12. LR PF (MW)	296.0	0.0	377.0	0.0									305.8
13. PMOH	0.0	22.5	0.0	0.0									22.5
14. LR PM (MW)	0.0	496.0	0.0	0.0									496.0
15. NSC (MW)	710	710	710	710									710
16. OPER MBTU	4,144,476	3,158,789	3,800,740	1,868,760									12,972,765
17. NET GEN (MWH)	429,919	314,067	386,624	173,240									1,303,850
18. ANOHR (BTU/KWH)	9,640.1	10,057.7	9,830.6	10,787.1									9,949.6
19. NOF (%)	81.39	66.22	74.56	66.23									73.14
20. NPC (MW)	710	710	710	710									710

Duke Energy Florida

ACTUAL UNIT PERFORMANCE DATA -- YEAR 2018

HINES Power Block 1	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Jan - Apr Period
1. EAF	98.04	99.99	48.88	68.76									78.48
2. PH	744	672	743	720									2,879
3. SH	714.5	672.0	363.7	495.0									2,245.2
4. RSH	16.7	0.0	0.1	0.0									16.7
5. UH	12.9	0.0	379.3	224.9									617.1
6. POH	0.0	0.0	359.9	224.9									584.8
7. FOH	12.9	0.0	19.4	0.0									32.2
8. MOH	0.0	0.0	0.0	0.0									0.0
9. PPOH	0.0	0.8	0.0	0.0									0.8
10. LR PP (MW)	0.0	50.6	0.0	0.0									50.6
11. PFOH	12.4	0.0	3.6	0.0									16.0
12. LR PF (MW)	69.8	0.0	76.6	0.0									71.3
13. PMOH	0.0	0.0	0.0	0.0									0.0
14. LR PM (MW)	0.0	0.0	0.0	0.0									0.0
15. NSC (MW)	495	495	495	495									495
16. OPER MBTU	2,318,447	2,219,815	1,223,092	1,644,308									7,405,662
17. NET GEN (MWH)	321,975	304,049	166,322	225,245									1,017,591
18. ANOHR (BTU/KWH)	7,200.7	7,300.8	7,353.8	7,300.1									7,277.6
19. NOF (%)	91.04	91.40	92.39	91.92									91.56
20. NPC (MW)	495	495	495	495									495

Duke Energy Florida

ACTUAL UNIT PERFORMANCE DATA -- YEAR 2018

HINES Power Block 2	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Jan - Apr Period
1. EAF	100.00	99.39	90.43	43.47									83.25
2. PH	744	672	743	720									2,879
3. SH	693.3	464.5	669.7	313.0									2,140.5
4. RSH	50.7	204.0	2.2	0.0									256.9
5. UH	0.0	3.5	71.1	407.0									481.6
6. POH	0.0	0.0	0.0	407.0									407.0
7. FOH	0.0	3.5	71.1	0.0									74.6
8. MOH	0.0	0.0	0.0	0.0									0.0
9. PPOH	0.0	0.0	0.0	0.0									0.0
10. LR PP (MW)	0.0	0.0	0.0	0.0									0.0
11. PFOH	0.0	3.4	0.0	0.0									3.4
12. LR PF (MW)	0.0	92.3	0.0	0.0									92.3
13. PMOH	0.0	0.0	0.0	0.0									0.0
14. LR PM (MW)	0.0	0.0	0.0	0.0									0.0
15. NSC (MW)	527	527	527	527									527
16. OPER MBTU	2,282,848	1,421,231	2,365,022	1,097,825									7,166,926
17. NET GEN (MWH)	314,763	201,941	323,728	148,433									988,865
18. ANOHR (BTU/KWH)	7,252.6	7,037.9	7,305.6	7,396.1									7,247.6
19. NOF (%)	86.15	82.49	91.73	89.99									87.66
20. NPC (MW)	527	527	527	527									527

Duke Energy Florida

ACTUAL UNIT PERFORMANCE DATA -- YEAR 2018

HINES Power Block 3	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Jan - Apr Period
1. EAF	99.51	99.62	98.60	97.89									98.90
2. PH	744	672	743	720									2,879
3. SH	478.3	413.2	598.2	705.8									2,195.5
4. RSH	262.5	256.5	135.9	1.4									656.3
5. UH	3.2	2.3	9.0	12.8									27.2
6. POH	0.0	0.0	0.0	0.0									0.0
7. FOH	3.2	2.3	0.8	0.0									6.3
8. MOH	0.0	0.0	8.1	12.8									20.9
9. PPOH	0.0	1.0	0.0	5.0									6.0
10. LR PP (MW)	0.0	59.1	0.0	41.8									44.7
11. PFOH	2.9	1.1	1.0	0.0									5.0
12. LR PF (MW)	81.0	81.0	81.3	0.0									81.1
13. PMOH	0.0	0.0	7.9	12.5									20.4
14. LR PM (MW)	0.0	0.0	83.0	81.7									82.2
15. NSC (MW)	521	521	521	521									521
16. OPER MBTU	1,547,605	1,321,596	1,931,761	2,329,506									7,130,468
17. NET GEN (MWH)	207,822	179,431	273,608	325,098									985,959
18. ANOHR (BTU/KWH)	7,446.8	7,365.5	7,060.3	7,165.6									7,232.0
19. NOF (%)	83.40	83.34	87.79	88.41									86.20
20. NPC (MW)	521	521	521	521									521

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ACTUAL UNIT PERFORMANCE DATA -- YEAR 2018

HINES Power Block 4	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Jan - Apr Period
1. EAF	98.03	99.97	99.99	97.21									98.78
2. PH	744	672	743	720									2,879
3. SH	574.2	630.0	743.0	697.7									2,645.0
4. RSH	156.8	42.0	0.0	4.8									203.5
5. UH	13.0	0.0	0.0	17.5									30.5
6. POH	0.0	0.0	0.0	0.0									0.0
7. FOH	13.0	0.0	0.0	0.0									13.0
8. MOH	0.0	0.0	0.0	17.5									17.5
9. PPOH	0.5	2.1	1.0	0.0									3.6
10. LR PP (MW)	50.1	50.9	47.7	0.0									49.9
11. PFOH	12.0	0.0	0.0	0.0									12.0
12. LR PF (MW)	69.2	0.0	0.0	0.0									69.2
13. PMOH	0.0	0.0	0.0	16.5									16.5
14. LR PM (MW)	0.0	0.0	0.0	78.1									78.1
15. NSC (MW)	504	504	504	504									504
16. OPER MBTU	1,859,462	1,997,841	2,490,044	2,248,954									8,596,300
17. NET GEN (MWH)	268,522	289,609	367,086	320,318									1,245,535
18. ANOHR (BTU/KWH)	6,924.8	6,898.4	6,783.3	7,021.0									6,901.7
19. NOF (%)	92.78	91.21	98.03	91.09									93.43
20. NPC (MW)	504	504	504	504									504

Duke Energy Florida

ACTUAL UNIT EVENT DATA -- January - April 2018

Bartow CC

Unit	Date	Outage Type	Hours	MW Affected	Description
BCC 4A	2/2/2018	FFO	1.47	185.0	OTHER GAS TURBINE PROBLEMS
BCC 4A	3/10/2018	PO	191.00	185.0	GAS TURBINE - BOROSCOPE INSPECTION
BCC 4B	3/17/2018	PO	13.33	183.0	OTHER GAS TURBINE PROBLEMS
BCC 4B	3/18/2018	FFO	1.73	183.0	BLADE PATH TEMPERATURE SPREAD
BCC 4B	3/18/2018	FFO	2.85	183.0	BLADE PATH TEMPERATURE SPREAD
BCC 4S	2/7/2018	PFO	19.53	120.0	FEEDWATER CHEMISTRY
BCC 4S	2/9/2018	PFO	28.55	120.0	FEEDWATER CHEMISTRY
BCC 4S	3/10/2018	PPO	191.00	191.0	GAS TURBINE - BOROSCOPE INSPECTION
BCC 4S	3/17/2018	PPO	13.33	0.0	OTHER GAS TURBINE PROBLEMS
BCC 4S	3/18/2018	PO	244.28	339.0	CIRCULATING WATER CHEMISTRY
BCC 4S	4/30/2018	FFO	21.25	339.0	OTHER MAIN STEAM VALVES (INCLUDING VENT AND DRAIN.

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ACTUAL UNIT EVENT DATA -- January - April 2018

Crystal River 4

Date	Outage Type	Hours	MW Affected	Description
1/3/2018	PFO	15.17	93.0	CONDENSER TUBE LEAKS
1/4/2018	PFO	3.07	235.9	CONDENSER TUBE LEAKS
1/4/2018	PFO	1.23	474.1	CONDENSER TUBE LEAKS
1/4/2018	PFO	8.98	498.0	CONDENSER TUBE LEAKS
1/4/2018	PFO	1.48	403.3	OTHER WET SCRUBBER PROBLEMS
1/7/2018	PFO	6.00	284.0	CONDENSER TUBE LEAKS
1/7/2018	PFO	26.98	474.0	CONDENSER TUBE LEAKS
1/18/2018	PFO	2.83	1.0	OTHER MISC. OPERATIONAL ENVIRONMENTAL LIMITS-FOSSI
1/29/2018	PPO	0.60	555.4	GENERATOR - OTHER COOLING SYSTEM PROBLEMS
2/7/2018	PFO	6.48	93.0	AIR SUPPLY DAMPERS
2/27/2018	PPO	4.00	426.0	FORCED DRAFT FANS
3/2/2018	PO	906.25	712.0	MINOR BOILER OVERHAUL (LESS THAN 720 HOURS)
4/10/2018	FFO	9.50	712.0	FEEDWATER CONTROLS
4/10/2018	FFO	1.15	712.0	FEEDWATER CONTROLS
4/11/2018	FFO	13.98	712.0	CONTROLS AND INSTRUMENTATION
4/12/2018	PMO	8.63	188.0	PULVERIZER MILLS
4/12/2018	PMO	10.48	93.0	PULVERIZER MILLS
4/13/2018	PMO	7.30	93.0	PRIMARY AIR DUCTS AND DAMPERS
4/16/2018	PFO	1.37	93.2	PULVERIZER MOTORS AND DRIVES
4/17/2018	PMO	7.67	284.0	CIRCULATING WATER PIPING
4/18/2018	PFO	4.58	93.1	PRIMARY AIR DUCTS AND DAMPERS
4/29/2018	FMO	2.00	712.0	GENERATOR LIQUID COOLING SYSTEM

Duke Energy Florida

ACTUAL UNIT EVENT DATA -- January - April 2018

Crystal River 5

Date	Outage Type	Hours	MW Affected	Description
1/1/2018	PFO	3.17	423.9	OTHER BOILER CONTROL AND INSTRUMENTATION PROBLEMS
1/1/2018	PFO	2.13	186.1	OTHER BOILER CONTROL AND INSTRUMENTATION PROBLEMS
1/4/2018	PFO	10.92	234.0	OTHER WET SCRUBBER PROBLEMS
1/6/2018	PFO	1.40	124.8	CONDENSER TUBE LEAKS
1/7/2018	PFO	6.00	44.0	CONDENSER TUBE LEAKS
1/9/2018	PFO	12.83	472.0	CONDENSER TUBE LEAKS
1/31/2018	PPO	2.00	90.9	PULVERIZER LUBE OIL SYSTEM
2/1/2018	FMO	4.00	710.0	BURNERS
2/24/2018	PMO	22.50	496.0	WET SCRUBBER - RECYCLE (LIQUID) PUMPS
3/3/2018	PFO	5.00	377.0	COAL CONVEYERS AND FEEDERS
3/27/2018	FFO	12.70	710.0	GENERATOR LIQUID COOLING SYSTEM
4/12/2018	PO	351.60	710.0	BOILER; MISCELLANEOUS
4/27/2018	PPO	90.10	91.0	PULVERIZER MILLS

Duke Energy Florida

ACTUAL UNIT EVENT DATA -- January - April 2018

Hines Power Block 1

Unit	Date	Outage Type	Hours	MW Affected	Description
HEP 1A	1/4/2018	FFO	2.40	164.7	COMBINED CYCLE INSTRUMENTS AND CONTROLS
HEP 1A	1/29/2018	FFO	35.18	164.7	GENERATOR CURRENT AND POTENTIAL TRANSFORMERS
HEP 1A	2/22/2018	PPO	0.75	54.7	TRAVELING SCREEN FOULING
HEP 1A	3/13/2018	FFO	28.23	164.7	OTHER HYDROGEN SYSTEM PROBLEMS
HEP 1A	3/17/2018	PO	583.52	164.7	GENERAL GAS TURBINE UNIT INSPECTION
HEP 1B	1/27/2018	FFO	1.00	170.7	GAS TURBINE - COOLING AND SEAL AIR SYSTEM
HEP 1B	2/22/2018	PPO	0.75	60.8	TRAVELING SCREEN FOULING
HEP 1B	3/13/2018	FFO	12.88	170.7	OTHER HYDROGEN SYSTEM PROBLEMS
HEP 1B	3/17/2018	PO	584.05	170.7	GENERAL GAS TURBINE UNIT INSPECTION
HEP ST1	1/4/2018	PFO	2.40	69.6	COMBINED CYCLE INSTRUMENTS AND CONTROLS
HEP ST1	1/27/2018	PFO	1.00	75.7	GAS TURBINE - COOLING AND SEAL AIR SYSTEM
HEP ST1	1/29/2018	PFO	35.18	69.6	GENERATOR CURRENT AND POTENTIAL TRANSFORMERS
HEP ST1	2/22/2018	PPO	0.75	35.5	TRAVELING SCREEN FOULING
HEP ST1	3/13/2018	FFO	17.20	159.6	OTHER HYDROGEN SYSTEM PROBLEMS
HEP ST1	3/14/2018	PFO	11.03	76.6	GAS FUEL SYSTEM WITH CONTROLS AND INSTRUMENTS
HEP ST1	3/17/2018	PO	586.98	159.6	INSPECTION

Duke Energy Florida

ACTUAL UNIT EVENT DATA -- January - April 2018

Hines Power Block 2

Unit	Date	Outage Type	Hours	MW Affected	Description
HEP 2A	3/23/2018	FFO	71.60	171.2	OTHER COMBINED CYCLE PROBLEMS
HEP 2A	4/14/2018	PO	407.72	171.2	GENERAL GAS TURBINE UNIT INSPECTION
HEP 2B	2/21/2018	FFO	10.22	179.5	GAS TURBINE VIBRATION
HEP 2B	3/23/2018	FFO	69.07	179.5	OTHER COMBINED CYCLE PROBLEMS
HEP 2B	3/26/2018	FFO	0.58	179.5	FEEDWATER REGULATING (BOILER LEVEL CONTROL) VALVE
HEP 2B	4/14/2018	PO	406.42	179.5	GENERAL GAS TURBINE UNIT INSPECTION
HEP ST2	2/21/2018	PFO	10.22	92.3	GAS TURBINE VIBRATION
HEP ST2	3/23/2018	FFO	72.10	176.4	OTHER COMBINED CYCLE PROBLEMS
HEP ST2	4/14/2018	PO	406.87	176.4	INSPECTION

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ACTUAL UNIT EVENT DATA -- January - April 2018

Hines Power Block 3

Unit	Date	Outage Type	Hours	MW Affected	Description
HEP 3A	2/22/2018	PPO	1.00	65.1	TRAVELING SCREEN FOULING
HEP 3A	2/27/2018	FFO	3.38	175.0	GAS TURBINE CONTROL SYSTEM - HARDWARE PROBLEM
HEP 3A	3/5/2018	FFO	1.03	175.0	GAS TURBINE COMPRESSOR - BLEED VALVES
HEP 3A	4/16/2018	PPO	5.00	51.0	INTAKE GRATING FOULING
HEP 3A	4/22/2018	FMO	25.27	175.0	GAS FUEL SYSTEM WITH CONTROLS AND INSTRUMENTS
HEP 3B	1/5/2018	FFO	8.97	175.0	GAS TURBINE COMPRESSOR - BLEED VALVES
HEP 3B	1/13/2018	FFO	0.50	175.0	BLADE PATH TEMPERATURE SPREAD
HEP 3B	2/10/2018	FFO	0.17	175.0	GAS TURBINE - HIGH ENGINE EXHAUST TEMPERATURE
HEP 3B	2/10/2018	FFO	3.25	175.0	HP STARTUP BYPASS INSTRUMENTATION AND CONTROLS
HEP 3B	2/22/2018	PPO	1.00	65.1	TRAVELING SCREEN FOULING
HEP 3B	3/5/2018	FFO	0.75	175.0	HP DRUM
HEP 3B	3/30/2018	FMO	24.15	175.0	HEAT RECOVERY STEAM GENERATOR TO GAS TURBINE CON..
HEP 3B	4/1/2018	FMO	12.83	175.0	HEAT RECOVERY STEAM GENERATOR TO GAS TURBINE CON..
HEP 3B	4/16/2018	PPO	5.00	51.0	INTAKE GRATING FOULING
HEP ST3	1/5/2018	PFO	8.97	81.0	GAS TURBINE COMPRESSOR - BLEED VALVES
HEP ST3	2/22/2018	PPO	1.00	47.0	TRAVELING SCREEN FOULING
HEP ST3	2/27/2018	PFO	3.38	81.0	GAS TURBINE CONTROL SYSTEM - HARDWARE PROBLEM
HEP ST3	3/5/2018	FFO	0.75	171.0	HP DRUM
HEP ST3	3/5/2018	PFO	3.00	81.0	COMBINED CYCLE INSTRUMENTS AND CONTROLS
HEP ST3	3/30/2018	PMO	24.17	83.0	HEAT RECOVERY STEAM GENERATOR TO GAS TURBINE CON..
HEP ST3	4/1/2018	PMO	12.83	83.0	HEAT RECOVERY STEAM GENERATOR TO GAS TURBINE CON..
HEP ST3	4/16/2018	PPO	5.00	23.0	INTAKE GRATING FOULING
HEP ST3	4/22/2018	PMO	25.27	81.0	LOW PRESSURE HEATER TUBE LEAKS

Duke Energy Florida

ACTUAL UNIT EVENT DATA -- January - April 2018

Hines Power Block 4

Unit	Date	Outage Type	Hours	MW Affected	Description
HEP 4A	1/22/2018	PPO	0.50	68.8	TRAVELING SCREEN FOULING
HEP 4A	2/2/2018	PPO	1.10	56.9	TRAVELING SCREEN FOULING
HEP 4A	2/22/2018	PPO	1.00	61.9	TRAVELING SCREEN FOULING
HEP 4A	3/6/2018	PPO	1.00	56.9	TRAVELING SCREEN FOULING
HEP 4B	1/13/2018	FFO	38.25	170.9	IP STARTUP BYPASS INSTRUMENTATION AND CONTROLS
HEP 4B	1/22/2018	PPO	0.50	66.0	TRAVELING SCREEN FOULING
HEP 4B	2/2/2018	PPO	1.10	55.9	TRAVELING SCREEN FOULING
HEP 4B	2/22/2018	PPO	1.00	60.9	TRAVELING SCREEN FOULING
HEP 4B	3/6/2018	PPO	1.00	55.9	TRAVELING SCREEN FOULING
HEP 4B	4/26/2018	FMO	51.65	170.9	INTAKE GRATING FOULING
HEP ST4	1/13/2018	PFO	37.50	69.2	IP STARTUP BYPASS INSTRUMENTATION AND CONTROLS
HEP ST4	1/22/2018	PPO	0.50	13.2	TRAVELING SCREEN FOULING
HEP ST4	2/2/2018	PPO	1.10	31.2	TRAVELING SCREEN FOULING
HEP ST4	2/22/2018	PPO	1.00	37.2	TRAVELING SCREEN FOULING
HEP ST4	3/6/2018	PPO	1.00	29.2	TRAVELING SCREEN FOULING
HEP ST4	4/26/2018	PMO	51.65	78.2	INTAKE GRATING FOULING