Heating Plant Day Operations Report



Description

| Description | | PI | ant | - | Units | |
|--|----------|--------------|------------|----------|------------|--|
| Heating Degree Days | | | .86 | | hdd | |
| Total Plant Steam Flow | | 24 | 9.43 | | klbs | |
| Steam Flow Per Heating Degree Day | ··· | | 5.3 | | klbs/hdd | |
| Total Condensate Return Water Flow | | 9 | 0.0 | | klbs | |
| Total Plant Gas Flow | | 284.09 | | | | |
| Total Plant Gas Cost | | \$1,744.55 | | | | |
| Total Plant Oil Flow | | | 0.0 | | gals | |
| Total Plant Oil Cost | O. | \$0 | 0.00 | | \$ | |
| Total Plant Fuel Cost | | \$1,7 | 44.55 | | \$ | |
| Fuel Cost Per Heating Degree Day | | | '6.95 | | \$/hdd | |
| Plant Average Steam Cost Per Degree Day | | \$0.71 | | | | |
| Total Plant Efficiency By I/O | 21.6 | | | | | |
| Condensate Transfer Pump #1 Run Time | | 2 | 1.6 | | hrs | |
| Condensate Transfer Pump #1 Run Time Condensate Transfer Pump #2 Run Time | | 21.6 23.5 | | | | |
| Condensate Transfer Pump #2 Run Time Condensate Transfer Pump #3 Run Time | | | | | hrs hrs | |
| Boiler Feed Pump #1 Run Time | | 0.2 | | | | |
| Boiler Feed Pump #2 Run Time | | 23.5 | | | | |
| Boiler Feed Pump #3 Run Time | | | | | hrs | |
| Boiler Feed Pump #3 Run Time Boiler Feed Pump #4 Run Time | | |).0).0 | | hrs | |
| Fuel Oil Pump #1 Run Time | | |).0 | | hrs | |
| Fuel Oil Pump #1 Run Time Fuel Oil Pump #2 Run Time | | |).0 | | hrs | |
| ruei Oii Pump #2 Run Time | | |).0 | <u>.</u> | hrs | |
| | Boiler 1 | Boiler 2 | Boiler 3 | Boiler 4 | Units | |
| Run Time | 0.0 | 0.0 | 22.3 | 1.8 | hrs | |
| Steam Flow | 0.00 | 0.00 | 234.46 | 14.97 | klbs | |
| Gas Flow | 0.00 | 0.00 | 262.80 | 21.29 | kscf | |
| Natural Gas Cost | \$0.00 | \$0.00 | \$1,613.80 | \$130.75 | \$ | |
| Oil Flow | 0.0 | 0.0 | 0.0 | 0.0 | gals | |
| Oil Cost | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$ | |
| Total Fuel Cost | \$0.00 | \$0.00 | \$1,613.80 | \$130.75 | \$ | |
| Average Steam Cost | _ | | \$6.88 | \$8.74 | \$/klbs | |
| Efficiency By Losses | 0.0 | 0.0 | 82.6 | 77.3 | % | |
| Efficiency By I/O | | | 87.4 | 68.8 | % | |
| Mid-Atlantic Controls Corporation | | av Report | | | Page 1 of | |

Mid-Atlantic Controls Corporation

Day Report

Heating Plant Day Operations Report

5/2/2018 7:00 AM Daily Report

| | DI | | | Units | |
|--|---|--|--|--|--|
| Plant | | | | | |
| | 1.05 222.88 211.8 5.0 252.05 \$1,547.80 0.0 \$0.00 \$1,547.80 \$1,470.98 \$6.60 86.6 12.7 23.5 0.0 23.5 23.5 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0 | | | hdd | |
| | | | | klbs | |
| | 21 | 1.8 | | klbs/hd | |
| | | | | klbs | |
| | 253 | 2.05 | | kscf | |
| | \$1,547.80 | | | | |
| | O | 0.0 | | gals | |
| | \$0 | 1.00 | | \$ | |
| | \$1,5 | 47.80 | | \$ | |
| | \$1,4 | 70.98 | | \$/hdd | |
| | | | | | |
| 12.7 23.5 | | | | | |
| | 1: | 2 7 | | hrs | |
| | | | | hrs | |
| | | | | | |
| | | | | hrs | |
| | | | | hrs | |
| | | | | hrs | |
| | | | | hrs | |
| | | | | hrs | |
| | | | | | |
| | | | | 10.6 | |
| | : | | | Units | |
| | | | | hrs | |
| | | | | klbs | |
| | | | | kscf | |
| | 23.5 0.0 23.5 23.5 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0 | | | \$ | |
| | | | | gals | |
| | | | | \$ | |
| \$0.00 \$0.00 \$1,537.90 \$9.91 | | | | \$ | |
| | | \$6.90 | | \$/klbs | |
| 0.0 | 0.0 | 82.7 | 0.0 | % | |
| 5.0 kk 252.05 kk \$1,547.80 \$ 0.0 \$ \$0.00 \$ \$1,547.80 \$ \$1,547.80 \$ \$1,470.98 \$ \$6.60 \$ 86.6 \$ 12.7 hh 23.5 hh 0.0 hh 23.5 hh 0.0 hh 0 | | | | % | |
| | 0.0 0.00 0.00 \$0.00 0.0 \$0.00 \$0.00 | 22: 21 5 25: \$1,5 \$1,5 \$1,4 \$6 8 | 222.88 211.8 5.0 252.05 \$1,547.80 0.0 \$0.00 \$1,547.80 \$1,470.98 \$6.60 86.6 12.7 23.5 0.0 23.5 23.5 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0 | 222.88 211.8 5.0 252.05 \$1,547.80 0.0 \$0.00 \$1,547.80 \$1,470.98 \$6.60 86.6 12.7 23.5 0.0 23.5 23.5 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0 | |

Heating Plant Day Operations Report

5/3/2018 7:00 AM Daily Report

Description

| | | PI | ant | | Units | |
|--|----------|-------------|----------|----------|-----------|--|
| Heating Degree Days | | 0. | 00 | | hdd | |
| Total Plant Steam Flow | | 111 | 1.01 | | klbs | |
| Steam Flow Per Heating Degree Day | | | •• | | klbs/hdd | |
| Total Condensate Return Water Flow | | 7 | .9 | | klbs | |
| Total Plant Gas Flow | | 139 | 9.76 | | kscf | |
| Total Plant Gas Cost | | \$858.26 | | | | |
| Total Plant Oil Flow | | 0 | .0 | | gals | |
| Total Plant Oil Cost | | \$0 | .00 | | \$ | |
| Total Plant Fuel Cost | | \$85 | 8.26 | | \$ | |
| Fuel Cost Per Heating Degree Day | | | | | | |
| Plant Average Steam Cost Per Degree Day | ** | *** | | | | |
| Total Plant Efficiency By I/O | | 77.8 | | | | |
| Condensate Transfer Pump #1 Run Time | | | 2.7 | <u> </u> | hrs | |
| | | | | | hrs | |
| | | 23.5 0.0 | | | | |
| | | | 3.5 | | hrs | |
| | | | 3.5 | | hrs | |
| Boiler Feed Pump #3 Run Time | | | .0 | | hrs | |
| | | | 0.0 | | hrs | |
| | | | 0.0 | | hrs | |
| Fuel Oil Pump #2 Run Time | | | .0 | | hrs | |
| otal Plant Oil Flow otal Plant Fuel Cost otal Plant Fuel Cost uel Cost Per Heating Degree Day otal Plant Efficiency By I/O ondensate Transfer Pump #1 Run Time ondensate Transfer Pump #2 Run Time ondensate Transfer Pump #3 Run Time ondersate Transfer Pump #3 Run Time ondersate Transfer Pump #3 Run Time ondersate Transfer Pump #4 Run Time ondensate Transfer Pump #4 Run Time ondersate Trans | Boiler 1 | Boiler 2 | Boiler 3 | Boiler 4 | Units | |
| Run Time | 0.0 | 0.0 | 13.9 | 1.3 | hrs | |
| Steam Flow | 0.00 | 0.00 | 104.19 | 6.82 | klbs | |
| Gas Flow | 0.00 | 0.00 | 125.39 | 14.37 | kscf | |
| Natural Gas Cost | \$0.00 | \$0.00 | \$770.00 | \$88.26 | S | |
| Oil Flow | 0.0 | 0.0 | 0.0 | 0.0 | gals | |
| Oil Cost | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$ | |
| Total Fuel Cost | \$0.00 | \$0.00 | \$770.00 | \$88.26 | S | |
| Average Steam Cost | *** | | \$7.39 | \$12.94 | \$/klbs | |
| Efficiency By Losses | 0.0 | 0.0 | 82.9 | 0.0 | % | |
| Efficiency By I/O | 0.0 | 0.0 | 81.4 | 46.5 | % | |
| Mid-Atlantic Controls Corporation | | av Renort | 01.4 | 70.5 | Page 1 of | |

Mid-Atlantic Controls Corporation

Day Report

Heating Plant Day Operations Report

5/4/2018 7:00 AM Daily Report

Description

| Description | | Di | 4 | | 11.7 | |
|---|----------|--|-------------|---------------------------------------|------------|--|
| Hanking Daniel Barra | | | ant | | Units | |
| Heating Degree Days | | | .00 | | hdd | |
| Total Plant Steam Flow | | 17 | 0.48 | | klbs | |
| Steam Flow Per Heating Degree Day | | | | | klbs/hdd | |
| Total Condensate Return Water Flow | | | 3.6 | | klbs | |
| Total Plant Gas Flow | | | 2.28 | | kscf \$ | |
| Total Plant Gas Cost | | \$1,242.16 | | | | |
| Total Plant Oil Flow | | | 0.0 | | gals | |
| Total Plant Oil Cost | | \$0 | 0.00 | | \$ | |
| Total Plant Fuel Cost | | \$1,2 | 42.16 | | \$ | |
| Fuel Cost Per Heating Degree Day | | | | | | |
| Plant Average Steam Cost Per Degree Day | | | | | | |
| Total Plant Efficiency By I/O | | 82.5 12.7 23.5 | | | | |
| 0-1 | <u> </u> | | | | hrs | |
| Condensate Transfer Pump #1 Run Time | | | | | | |
| Condensate Transfer Pump #2 Run Time | | 23.5 | | | | |
| Condensate Transfer Pump #3 Run Time | | | | | hrs | |
| Boiler Feed Pump #1 Run Time | | | | | hrs | |
| Boiler Feed Pump #2 Run Time | | | | · · · · · · · · · · · · · · · · · · · | hrs | |
| Boiler Feed Pump #3 Run Time | | | | | hrs | |
| Boiler Feed Pump #4 Run Time | | | | | hrs | |
| Fuel Oil Pump #1 Run Time | | 12.7 23.5 0.0 23.5 23.5 0.0 0.0 0.0 | | | hrs | |
| Fuel Oil Pump #2 Run Time | | | 0.0 | | hrs | |
| | Boiler 1 | Boiler 2 | Boiler 3 | Boiler 4 | Units | |
| Run Time | | | | | hrs | |
| Steam Flow | 0.00 | | | | klbs | |
| Gas Flow | 0.00 | + | | | kscf | |
| Natural Gas Cost | | | | | S | |
| Oil Flow | | 0.0 Boiler 1 Boiler 2 Boiler 3 Boiler 4 U 0.0 0.0 23.5 0.3 h 0.00 0.00 170.48 0.00 k 0.00 0.00 200.50 1.78 k | | | | |
| Oil Cost | | | | | | |
| Total Fuel Cost | \$0.00 | \$0.00 | \$1,231.22 | \$10.94 | S | |
| Average Steam Cost | | | \$7.22 | ψ10.5-Y | \$/klbs | |
| Efficiency By Losses | 0.0 | 0.0 | 83.0 | 76.0 | % | |
| Efficiency By I/O | 0.0 | 3.0 | 83.3 | 70.0 | % | |
| Mid-Atlantic Controls Corporation | | av Report | 00.0 | | Page 1 of | |

Mid-Atlantic Controls Corporation

Day Report

Heating Plant Day Operations Report

5/5/2018 7:00 AM Daily Report

| | | P | ant | | Units | | |
|---|---------------------------------------|---------------------|------------|----------|----------|--|--|
| Heating Degree Days | | 0 | .00 | | hdd | | |
| Total Plant Steam Flow | | 15 | 3.72 | | klbs | | |
| Steam Flow Per Heating Degree Day | | | | | klbs/hdd | | |
| Total Condensate Return Water Flow | | 8.7 | | | | | |
| Total Plant Gas Flow | | 18 | 4.51 | | kscf | | |
| Total Plant Gas Cost | · · · · · · · · · · · · · · · · · · · | \$1,1 | 33.03 | | \$ | | |
| Total Plant Oil Flow | | | 0.0 | | gals | | |
| Total Plant Oil Cost | | \$(| 0.00 | | \$ | | |
| Total Plant Fuel Cost | | \$1,1 | 33.03 | | \$ | | |
| Fuel Cost Per Heating Degree Day | | | 2.05 | | \$/hdd | | |
| Plant Average Steam Cost Per Degree Day | | | | | | | |
| Total Plant Efficiency By I/O | 81.6 | | | | | | |
| Condensate Transfer Pump #1 Run Time | | 12.7 | | | | | |
| Condensate Transfer Pump #2 Run Time | | 12.7 23.5 0.4 | | | | | |
| Condensate Transfer Pump #3 Run Time | | | | | hrs | | |
| Boiler Feed Pump #1 Run Time | | 2 | 3.5 | | hrs | | |
| Boiler Feed Pump #2 Run Time | | | 3.5 | | hrs | | |
| Boiler Feed Pump #3 Run Time | | | 0.0 | | hrs | | |
| Boiler Feed Pump #4 Run Time | | | 0.0 | | hrs | | |
| Fuel Oil Pump #1 Run Time | | | 0.0 | | hrs | | |
| Fuel Oil Pump #2 Run Time | 0.0 | | | | | | |
| | Boiler 1 | Boiler 2 | Boiler 3 | Boiler 4 | Units | | |
| Run Time | 0.0 | 0.0 | 23.5 | 0.6 | hrs | | |
| Steam Flow | 0.00 | 0.00 | 153.54 | 0.19 | klbs | | |
| Gas Flow | 0.00 | 0.00 | 180.62 | 3.89 | kscf | | |
| Natural Gas Cost | \$0.00 | \$0.00 | \$1,109.14 | \$23.89 | S | | |
| Oil Flow | 0.0 | 0.0 | 0.0 | 0.0 | gais | | |
| Oil Cost | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$ | | |
| Total Fuel Cost | \$0.00 | \$0.00 | \$1,109.14 | \$23.89 | S | | |
| Average Steam Cost | - | *** | \$7.22 | \$126.21 | \$/klbs | | |
| Efficiency By Losses | 0.0 | 0.0 | 82.9 | 0.0 | % | | |
| Efficiency By I/O | | | 83.2 | 4.8 | % | | |

Heating Plant Day Operations Report

5/6/2018 7:00 AM Daily Report

Description

| Description | | | | | | |
|---|----------|--|-------------|----------|----------|--|
| | | | ant | | Units | |
| Heating Degree Days | | | .00 | | hdd | |
| Total Plant Steam Flow | | 15 | 7.60 | | klbs | |
| Steam Flow Per Heating Degree Day | | | | | klbs/hdd | |
| Total Condensate Return Water Flow | | | | | klbs | |
| Total Plant Gas Flow | | 19 | 0.75 | | kscf | |
| Total Plant Gas Cost | | \$1,171.35 | | | | |
| Total Plant Oil Flow | | (| 0.0 | | gals | |
| Total Plant Oil Cost | | \$0 | 0.00 | | \$ | |
| Total Plant Fuel Cost | | \$1,1 | 71.35 | | \$ | |
| Fuel Cost Per Heating Degree Day | | | | | \$/hdd | |
| Plant Average Steam Cost Per Degree Day | | | | | | |
| Total Plant Efficiency By I/O | | 80.9 | | | | |
| Condensate Transfer Pump #1 Run Time | | 1 | 2.5 | | hrs | |
| Condensate Transfer Pump #2 Run Time | | | | | hrs | |
| Condensate Transfer Pump #3 Run Time | | | | | hrs | |
| Boiler Feed Pump #1 Run Time | | | | | hrs | |
| Boiler Feed Pump #2 Run Time | | | | | hrs | |
| Boiler Feed Pump #3 Run Time | | | | | hrs | |
| Boiler Feed Pump #4 Run Time | | | | | hrs | |
| Fuel Oil Pump #1 Run Time | | | | | hrs | |
| Fuel Oil Pump #2 Run Time | PW-0 | | | | hrs | |
| | Pollond. | Delland | D-Ha | Dallan 4 | Units | |
| Run Time | | | | | | |
| Steam Flow | | | | | hrs | |
| Gas Flow | | | | | klbs | |
| Jas Flow Natural Gas Cost | | | | | kscf | |
| | | | | | \$ | |
| Oil Flow | | | | | gals | |
| Dil Cost | | | | | \$ | |
| Total Fuel Cost | | | | | \$ | |
| Average Steam Cost | *** | | | | \$/klbs | |
| Efficiency By Losses | 0.0 | 0.0 | | 75.7 | % | |
| Efficiency By I/O Mid-Atlantic Controls Corporation | | 9.0 190.75 \$1,171.35 0.0 \$0.00 \$0.00 \$1,171.35 80.9 12.5 23.5 0.0 0.0 23.5 23.5 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0 | | | % | |

Mid-Atlantic Controls Corporation

Day Report

Heating Plant Day Operations Report

5/7/2018 7:00 AM Daily Report

Description

| Description | | | | | | |
|---|----------|-----------|------------|----------|-----------|--|
| | | Pl | ant | | Units | |
| Heating Degree Days | | 0 | .00 | | hdd | |
| Total Plant Steam Flow | | 16 | 1.91 | | klbs | |
| Steam Flow Per Heating Degree Day | | | | | klbs/hdc | |
| Total Condensate Return Water Flow | | 8 | 3.9 | | klbs | |
| Total Plant Gas Flow | | 19 | 5.01 | | kscf | |
| Total Plant Gas Cost | | \$1,1 | 97.51 | | \$ | |
| Total Plant Oil Flow | | (| 0.0 | | gals | |
| Total Plant Oil Cost | | \$0 |).00 | | \$ | |
| Total Plant Fuel Cost | | \$1,1 | 97.51 | | S | |
| Fuel Cost Per Heating Degree Day | | | | | \$/hdd | |
| Plant Average Steam Cost Per Degree Day | | 4 | | | \$/klbs | |
| Total Plant Efficiency By I/O | | 12.7 | | | | |
| Condensate Transfer Pump #1 Run Time | <u> </u> | | 2 7 | | hrs | |
| Condensate Transfer Pump #2 Run Time | | | 3.5 | | hrs | |
| Condensate Transfer Pump #3 Run Time | | | 0.0 | | hrs | |
| Boiler Feed Pump #1 Run Time | | | 3.5 | | hrs | |
| Boiler Feed Pump #2 Run Time | | | 3.5 | | hrs | |
| Boiler Feed Pump #3 Run Time | | | 0.0 | | hrs | |
| Boiler Feed Pump #4 Run Time | | |).0 | | hrs | |
| Fuel Oil Pump #1 Run Time | | |).0 | | hrs | |
| Fuel Oil Pump #2 Run Time | | |).0 | | hrs | |
| | Boiler 1 | Boiler 2 | Boiler 3 | Boiler 4 | Units | |
| Run Time | 0.0 | 0.0 | 23.5 | 0.4 | hrs | |
| Steam Flow | 0.00 | 0.00 | 161.91 | 0.00 | klbs | |
| Gas Flow | 0.00 | 0.00 | 192.74 | 2.27 | kscf | |
| Natural Gas Cost | \$0.00 | \$0.00 | \$1,183.58 | \$13.93 | \$ | |
| Oil Flow | 0.0 | 0.0 | 0.0 | 0.0 | | |
| Oil Cost | \$0.00 | \$0.00 | \$0.00 | \$0.00 | gals | |
| Total Fuel Cost | \$0.00 | \$0.00 | \$1,183.58 | \$13.93 | \$ | |
| Average Steam Cost | \$0.00 | \$0.00 | \$7,163.56 | \$13.93 | \$/klbs | |
| Efficiency By Losses | 0.0 | 0.0 | 82.9 | 79.2 | % | |
| Efficiency By I/O | 0.0 | 0.0 | 82.3 | 19.2 | % | |
| Mid-Atlantic Controls Corporation | | av Report | 02.3 | | Page 1 of | |

Mid-Atlantic Controls Corporation

Day Report

Heating Plant Day Operations Report

5/8/2018 7:00 AM Daily Report

| | | P | ant | | Units | | |
|---|----------|--------------|------------|----------|---------|--|--|
| Heating Degree Days | | | .00 | | hdd | | |
| Total Plant Steam Flow | | | 3.72 | | klbs | | |
| Steam Flow Per Heating Degree Day | | | | | klbs/hd | | |
| Total Condensate Return Water Flow | | | 3.3 | | klbs | | |
| Total Plant Gas Flow | | | 2.39 | | kscf | | |
| Total Plant Gas Cost | | | 65.62 | | \$ | | |
| Total Plant Oil Flow | | | 0.0 | | gals | | |
| Total Plant Oil Cost | | | 0.00 | | \$ | | |
| Total Plant Fuel Cost | | | 65.62 | | \$ | | |
| Fuel Cost Per Heating Degree Day | | | - | | \$/hdd | | |
| Plant Average Steam Cost Per Degree Day | | | | | \$/klbs | | |
| Total Plant Efficiency By I/O | | 8 | 0.9 | | % | | |
| | | | 0.0 | | ; 70 | | |
| Condensate Transfer Pump #1 Run Time | | 13.8 | | | | | |
| Condensate Transfer Pump #2 Run Time | | 13.8 23.5 | | | | | |
| Condensate Transfer Pump #3 Run Time | | (| 0.0 | | hrs | | |
| Boiler Feed Pump #1 Run Time | | 2 | 3.5 | | hrs | | |
| Boiler Feed Pump #2 Run Time | | 2 | 3.5 | | hrs | | |
| Boiler Feed Pump #3 Run Time | | (| 0.0 | | hrs | | |
| Boiler Feed Pump #4 Run Time | | (| 0.0 | | hrs | | |
| Fuel Oil Pump #1 Run Time | | (| 0.0 | | hrs | | |
| Fuel Oil Pump #2 Run Time | | (| 0.0 | | hrs | | |
| | | | | | | | |
| | Boiler 1 | Boiler 2 | Boiler 3 | Boiler 4 | Units | | |
| Run Time | 0.0 | 0.0 | 23.5 | 0.8 | hrs | | |
| Steam Flow | 0.00 | 0.00 | 183.49 | 0.23 | klbs | | |
| Gas Flow | 0.00 | 0.00 | 216.98 | 5.41 | kscf | | |
| Natural Gas Cost | \$0.00 | \$0.00 | \$1,332.41 | \$33.21 | \$ | | |
| Oil Flow | 0.0 | 0.0 | 0.0 | 0.0 | gals | | |
| Oil Cost | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$ | | |
| Total Fuel Cost | \$0.00 | \$0.00 | \$1,332.41 | \$33.21 | \$ | | |
| Average Steam Cost | ••• | | \$7.26 | \$142.37 | \$/klbs | | |
| Efficiency By Losses | 0.0 | 0.0 | 82.8 | 73.0 | % | | |
| Efficiency By I/O | | | 82.8 | 4.2 | % | | |

Heating Plant Day Operations Report

5/9/2018 7:00 AM Daily Report

| | | Р | lant | | Units | | |
|---|----------|---|------------|----------|----------|--|--|
| Heating Degree Days | | 0 | ,00 | | hdd | | |
| Total Plant Steam Flow | | 17 | 4.67 | | klbs | | |
| Steam Flow Per Heating Degree Day | | | | | klbs/hdd | | |
| Total Condensate Return Water Flow | | 8.8 | | | | | |
| Total Plant Gas Flow | | 21 | 0.65 | | kscf | | |
| Total Plant Gas Cost | | \$1,2 | 93.55 | | \$ | | |
| Total Plant Oil Flow | | (| 0.0 | | gals | | |
| Total Plant Oil Cost | | \$0 | 0.00 | | \$ | | |
| Total Plant Fuel Cost | | \$1,2 | 93.55 | | \$ | | |
| Fuel Cost Per Heating Degree Day | | | | | \$/hdd | | |
| Plant Average Steam Cost Per Degree Day | | - | | | | | |
| Total Plant Efficiency By I/O | 81,2 | | | | | | |
| | | | | | ,,,, | | |
| Condensate Transfer Pump #1 Run Time | | 23.5 23.5 | | | | | |
| Condensate Transfer Pump #2 Run Time | | 23.5 | | | | | |
| Condensate Transfer Pump #3 Run Time | | { | 0.0 | | hrs | | |
| Boiler Feed Pump #1 Run Time | | | | | hrs | | |
| Boiler Feed Pump #2 Run Time | | | | | hrs | | |
| Boiler Feed Pump #3 Run Time | | | | | hrs | | |
| Boiler Feed Pump #4 Run Time | | (| 0.0 | | brs | | |
| Fuel Oil Pump #1 Run Time | | (| 0.0 | | hrs | | |
| Fuel Oit Pump #2 Run Time | | (| 0.0 | hrs | | | |
| | | | | | | | |
| | Boiler 1 | Boiler 2 | Boiler 3 | Boiler 4 | Units | | |
| Run Time | 0.0 | 0.0 | 23.4 | 0.7 | hrs | | |
| Steam Flow | 0.00 | 0.00 | 173.63 | 1.05 | klbs | | |
| Gas Flow | 0.00 | 0.00 | 205.41 | 5.24 | kscf | | |
| Natural Gas Cost | \$0.00 | \$0.00 | \$1,261.39 | \$32.16 | S | | |
| Oil Flow | 0.0 | 0.0 | 0.0 | 0.0 | gals | | |
| Oil Cost | \$0.00 | | | | | | |
| Total Fuel Cost | \$0.00 | 81.2 23.5 23.5 0.0 23.5 0.0 23.5 0.0 0.0 0.0 0.0 0.0 0.0 0.0 | | | | | |
| Average Steam Cost | | | | | \$/klbs | | |
| Efficiency By Losses | 0.0 | 0.0 | | | % | | |
| Efficiency By I/O | | | | | % | | |

Heating Plant Day Operations Report

5/10/2018 7:00 AM Daily Report

| Description | | | | | | |
|---|----------|--|------------|----------|-----------|--|
| | | P | lant | | Units | |
| Heating Degree Days | | 0 | .00 | | hdd | |
| Total Plant Steam Flow | | 16 | 5.41 | | klbs | |
| Steam Flow Per Heating Degree Day | | | | | klbs/hdd | |
| Total Condensate Return Water Flow | | 3 | 3.9 | | klbs | |
| Total Plant Gas Flow | | 19 | 8.58 | | kscf | |
| Total Plant Gas Cost | | \$1,2 | 19.41 | | \$ | |
| Total Plant Oil Flow | | (| 0.0 | | gals | |
| Total Plant Oil Cost | | \$0 | 0.00 | | \$ | |
| Total Plant Fuel Cost | | \$1,2 | 19.41 | | \$ | |
| Fuel Cost Per Heating Degree Day | | | | | \$/hdd | |
| Plant Average Steam Cost Per Degree Day | | *** | | | | |
| Total Plant Efficiency By I/O | | 81.6 | | | | |
| Condensate Transfer Pump #1 Run Time | | | 2.5 | | Ibes | |
| Condensate Transfer Pump #2 Run Time | | | | | hrs | |
| Condensate Transfer Pump #3 Run Time | | 23.5 | | | | |
| Boiler Feed Pump #1 Run Time | | | | | hrs | |
| Boiler Feed Pump #2 Run Time | | | | | hrs | |
| Boiler Feed Pump #3 Run Time | | | | | hrs | |
| Boiler Feed Pump #4 Run Time | - | | | | | |
| Fuel Oil Pump #1 Run Time | | | | | hrs | |
| Fuel Oil Pump #2 Run Time | | 23.5 23.5 0.0 23.5 23.5 23.5 0.0 0.0 0.0 | | | | |
| Fuel Oil Fulfip #2 Ruft Tilfie | | | J,0 | | hrs | |
| | Boiler 1 | Boiler 2 | Boiler 3 | Boiler 4 | Units | |
| Run Time | 0.0 | 0.0 | 22.2 | 2.0 | hrs | |
| Steam Flow | 0.00 | 0.00 | 155.42 | 9.99 | ktbs | |
| Gas Flow | 0.00 | 0.00 | 182.02 | 16.56 | kscf | |
| Natural Gas Cost | \$0.00 | \$0.00 | \$1,117.72 | \$101.69 | \$ | |
| Oil Flow | 0.0 | 0.0 | 0.0 | 0.0 | gals | |
| Oil Cost | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$ | |
| Total Fuel Cost | \$0.00 | \$0.00 | \$1,117.72 | \$101.69 | \$ | |
| Average Steam Cost | | *** | \$7.19 | \$10.18 | \$/kibs | |
| Efficiency By Losses | 0.0 | 0.0 | 82.8 | 0.0 | % | |
| Efficiency By I/O | | | 83.6 | 59.1 | % | |
| Mid-Atlantic Controls Corporation | | av Report | | | Page 1 of | |

Heating Plant Day Operations Report

5/11/2018 7:00 AM Daily Report

Description

| | | PI | ant | _ | Units | |
|---|----------|--------------|------------|----------|-----------|--|
| Heating Degree Days | | 0. | 00 | - | hdd | |
| Total Plant Steam Flow | | 16- | 4.24 | | klbs | |
| Steam Flow Per Heating Degree Day | | • | *** | | klbs/hdd | |
| Total Condensate Return Water Flow | | 8 | 1.6 | | klbs | |
| Total Plant Gas Flow | 193.44 | | | | | |
| Total Plant Gas Cost | | \$1,187.86 | | | | |
| Total Plant Oil Flow | | C | 0.0 | | gals | |
| Total Plant Oil Cost | | \$C | 0.00 | | \$ | |
| Total Plant Fuel Cost | | \$1,1 | 87.86 | | \$ | |
| Fuel Cost Per Heating Degree Day | | res | | | | |
| Plant Average Steam Cost Per Degree Day | | | | | \$/klbs | |
| Total Plant Efficiency By I/O | | 23.5 23.5 | | | | |
| Condensate Transfer Pump #1 Run Time | | 2: | 3.5 | | hrs | |
| Condensate Transfer Pump #2 Run Time | | | | | | |
| Condensate Transfer Pump #3 Run Time | | | | | hrs | |
| Boiler Feed Pump #1 Run Time | | 2 | 3.5 | | hrs | |
| Boiler Feed Pump #2 Run Time | | 2 | 3.5 | | hrs | |
| Boiler Feed Pump #3 Run Time | | C |).0 | | hrs | |
| Boiler Feed Pump #4 Run Time | | C | 0,0 | | hrs | |
| Fuel Oil Pump #1 Run Time | | 0 | 0.0 | | hrs | |
| Fuel Oil Pump #2 Run Time | | | 0.0 | | hrs | |
| | Boiler 1 | Boiler 2 | Boiler 3 | Boiler 4 | Units | |
| Run Time | 0.0 | 0.0 | 23.3 | 0.7 | hrs | |
| Steam Flow | 0.00 | 0.00 | 162.67 | 1.57 | klbs | |
| Gas Flow | 0.00 | 0.00 | 187.44 | 6.00 | kscf | |
| Natural Gas Cost | \$0.00 | \$0.00 | \$1,151.05 | \$36.82 | S | |
| Oil Flow | 0.0 | 0.0 | 0.0 | 0.0 | gals | |
| Oil Cost | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$ | |
| Total Fuel Cost | \$0.00 | \$0.00 | \$1,151.05 | \$36.82 | S | |
| Average Steam Cost | *** | | \$7.08 | \$23.48 | \$/klbs | |
| Efficiency By Losses | 0.0 | 0.0 | 82.9 | 0.0 | % | |
| Efficiency By I/O | | | 85.0 | 25.6 | % | |
| Mid-Atlantic Controls Corporation | | av Report | VIII. | | Page 1 of | |

Mid-Atlantic Controls Corporation

Day Report

Heating Plant Day Operations Report

5/12/2018 7:00 AM Daily Report

| · · · · · · · · · · · · · · · · · · · | | P | lant | | Units | |
|---|----------|---|----------|----------|---------|--|
| Heating Degree Days | | 0 | .00 | | hdd | |
| Total Plant Steam Flow | | 15 | 6.83 | | klbs | |
| Steam Flow Per Heating Degree Day | | | | | klbs/hd | |
| Total Condensate Return Water Flow | | | 3.7 | | klbs | |
| Total Plant Gas Flow | | 18 | 4.90 | | kscf | |
| Total Plant Gas Cost | | \$1,1 | 35.41 | | \$ | |
| Total Plant Oil Flow | | (| 0.0 | | gals | |
| Total Plant Oil Cost | | \$(| 0.00 | | \$ | |
| Total Plant Fuel Cost | | \$1,1 | 35.41 | | \$ | |
| Fuel Cost Per Heating Degree Day | | | *** | | \$/hdd | |
| Plant Average Steam Cost Per Degree Day | | | | | \$/klbs | |
| Total Plant Efficiency By I/O | | 8 | 3.1 | | % | |
| 0-1-4 7-4 9 "4 9 7 | | | | | | |
| Condensate Transfer Pump #1 Run Time | | 23.5 23.5 | | | | |
| Condensate Transfer Pump #2 Run Time | | 23.5 | | | | |
| Condensate Transfer Pump #3 Run Time | | | | | hrs | |
| Boiler Feed Pump #1 Run Time | | | | | hrs | |
| Boiler Feed Pump #2 Run Time | | | | | hrs | |
| Boiler Feed Pump #3 Run Time | | | | | hrs | |
| Boiler Feed Pump #4 Run Time | | (| 0.0 | | hrs | |
| Fuel Oil Pump #1 Run Time | | 23.5 0.0 23.5 23.5 0.0 0.0 0.0 0.0 | | | | |
| Fuel Oil Pump #2 Run Time | | (| 0.0 | | hrs | |
| | Boiler 1 | Boiler 2 | Boiler 3 | Boiler 4 | Units | |
| Run Time | | | | | hrs | |
| Steam Flow | | | | | kibs | |
| Gas Flow | | | | | kscf | |
| Natural Gas Cost | | | | | | |
| Oil Flow | | | | | gals | |
| Oil Cost | | | | | | |
| Total Fuel Cost | | 23.5 | | | | |
| Average Steam Cost | | | | | \$/klbs | |
| Efficiency By Losses | | 0.0 | | | % | |
| Efficiency By I/O | | | | UZ. 4 | % | |

Heating Plant Day Operations Report

5/13/2018 7:00 AM Daily Report

Description

| | Plant | | | | |
|---|--|----------|------------|----------|----------|
| Heating Degree Days | | 0 | .00 | | hdd |
| Total Plant Steam Flow | | 14 | 1.30 | | klbs |
| Steam Flow Per Heating Degree Day | | | | | klbs/hdd |
| Total Condensate Return Water Flow | | 8 | 3.9 | | klbs |
| Total Plant Gas Flow | | 17 | 0.38 | | kscf |
| Total Plant Gas Cost | | \$1,0 | 146.27 | | \$ |
| Total Plant Oil Flow | | (| 0.0 | | gals |
| Total Plant Oil Cost | | \$0 | 0.00 | | \$ |
| Total Plant Fuel Cost | | \$1,0 | 46.27 | | \$ |
| Fuel Cost Per Heating Degree Day | | | _ | | \$/hdd |
| Plant Average Steam Cost Per Degree Day | | | louble | | \$/klbs |
| Total Plant Efficiency By I/O | | 8 | 1.2 | | % |
| Condensate Transfer Pump #1 Run Time | | 2 | 3.5 | | hrs |
| Condensate Transfer Pump #2 Run Time | | | 3.5 | | hrs |
| Condensate Transfer Pump #3 Run Time | | | 0.0 | | hrs |
| Boiler Feed Pump #1 Run Time | | | 3.5 | | hrs |
| Boiler Feed Pump #2 Run Time | | | 3.5 | | hrs |
| Boiler Feed Pump #3 Run Time | | (| 0.0 | | hrs |
| Boiler Feed Pump #4 Run Time | | (| 0.0 | | hrs |
| Fuel Oil Pump #1 Run Time | | (| 0.0 | | hrs |
| Fuel Oil Pump #2 Run Time | | (| 0.0 | | hrs |
| | Boiler 1 | Boiler 2 | Boiler 3 | Boiler 4 | Units |
| Run Time | 0.0 | 0.0 | 23.5 | 0.4 | hrs |
| Steam Flow | 0.00 | 0.00 | 141,30 | 0.00 | klbs |
| Gas Flow | 0.00 | 0.00 | 168.15 | 2.24 | kscf |
| Natural Gas Cost | \$0.00 | \$0.00 | \$1,032.54 | \$13.74 | S |
| Oil Flow | 0.0 | 0.0 | 0.0 | 0.0 | gals |
| Oil Cost | \$0.00 | | | | |
| Total Fuel Cost | \$0.00 | \$0.00 | \$1,032.54 | \$13.74 | \$ \$ |
| Average Steam Cost | *** | - | \$7.31 | _ | \$/klbs |
| Efficiency By Losses | 0.0 | 0.0 | 83.0 | 78.1 | % |
| Efficiency By I/O | 7-71-2-71-71-71-71-71-71-71-71-71-71-71-71-71- | | 82.3 | | % |
| Mid-Atlantic Controls Corporation | Day Report | | | | |

Mid-Atlantic Controls Corporation

Day Report

Heating Plant Day Operations Report

5/14/2018 7:00 AM Daily Report

| Description | | | | | Units | |
|---|------------|----------|------------|--|------------|--|
| | Plant | | | | | |
| Heating Degree Days | | | .00 | | hdd | |
| Total Plant Steam Flow | | 14 | 5.75 | | klbs | |
| Steam Flow Per Heating Degree Day | | | | | klbs/hdd | |
| Total Condensate Return Water Flow | | | 9.1 | | klbs | |
| Total Plant Gas Flow | | 17 | 7.26 | | kscf | |
| Total Plant Gas Cost | | \$1,0 | 88.51 | | \$ | |
| Total Plant Oil Flow | | | 0.0 | | gals | |
| Total Plant Oil Cost | | \$0 | 0.00 | | \$ | |
| Total Plant Fuel Cost | | \$1,0 | 88.51 | | \$ | |
| Fuel Cost Per Heating Degree Day | | | | | \$/hdd | |
| Plant Average Steam Cost Per Degree Day | | | | | \$/klbs | |
| Total Plant Efficiency By I/O | | 8 | 0.5 | | % | |
| Condensate Transfer Pump #1 Run Time | | 2 | 3.5 | | hrs | |
| Condensate Transfer Pump #2 Run Time | | | 3.5 | | hrs | |
| Condensate Transfer Pump #3 Run Time | | | 0.0 | | hrs | |
| Boiler Feed Pump #1 Run Time | | | 3.5 | | hrs | |
| Boiler Feed Pump #2 Run Time | | | 3.5 | | hrs | |
| Boiler Feed Pump #3 Run Time | | | 0.0 | | hrs | |
| Boiler Feed Pump #4 Run Time | | | 0.0 | | hrs | |
| Fuel Oil Pump #1 Run Time | | | 0.0 | | hrs | |
| Fuel Oil Pump #2 Run Time | | | 0.0 | | hrs | |
| | | D.11 0 | | Boiler 4 0.5 0.00 2.78 \$17.07 0.0 \$0.00 \$17.07 | inn mil | |
| Dog Tara | Boiler 1 | Boiler 2 | Boiler 3 | | Units | |
| Run Time | 0.0 | 0.0 | 23.5 | | hrs | |
| Steam Flow | 0.00 | 0.00 | 145.75 | | klbs | |
| Gas Flow | 0.00 | 0.00 | 174.48 | | kscf | |
| Natural Gas Cost | \$0.00 | \$0.00 | \$1,071.43 | | \$ | |
| Oil Flow | 0.0 | 0.0 | 0.0 | | gals \$ | |
| Oil Cost | | | | | | |
| Total Fuel Cost | \$0.00 | \$0.00 | \$1,071.43 | \$17.07 | \$ | |
| Average Steam Cost | | | \$7.35 | | \$/klbs | |
| Efficiency By Losses | 0.0 | 0.0 | 82.9 | 77.4 | % | |
| Efficiency By I/O | | | 81.8 | | % | |
| Mid-Atlantic Controls Corporation | Day Report | | | | | |

Heating Plant Day Operations Report

5/15/2018 7:00 AM Daily Report

Description

| Description | Plant | | | | | |
|---|---------------------------------------|-----------------|------------|----------|----------|--|
| Heating Degree Days | | | 00 | | Units | |
| Total Plant Steam Flow | | | 5.66 | | klbs | |
| Steam Flow Per Heating Degree Day | | | | | klbs/hdc | |
| Total Condensate Return Water Flow | | | <u> </u> | | klbs | |
| Total Plant Gas Flow | | | 1.37 | | kscf | |
| Total Plant Gas Cost | | | 13.75 | | \$ | |
| Total Plant Oil Flow | | | 13.75 | | gals | |
| Total Plant Oil Cost | | | 0.00 | | | |
| Total Plant Fuel Cost | | | 13.75 | | \$ | |
| Fuel Cost Per Heating Degree Day | | | | | <u> </u> | |
| Plant Average Steam Cost Per Degree Day | · · · · · · · · · · · · · · · · · · · | | -to- | | \$/hdd | |
| | | | 4.0 | | \$/klbs | |
| Total Plant Efficiency By I/O | | 8 | 4.6 | | % | |
| Condensate Transfer Pump #1 Run Time | | 2 | 3.1 | | hrs | |
| Condensate Transfer Pump #2 Run Time | | | 3.5 | | hrs | |
| Condensate Transfer Pump #3 Run Time | | | 1.0 | | hrs | |
| Boiler Feed Pump #1 Run Time | | | 3.5 | | hrs | |
| Boiler Feed Pump #2 Run Time | | | 3.5 | | hrs | |
| Boiler Feed Pump #3 Run Time | | | 1.0 | | hrs | |
| Boiler Feed Pump #4 Run Time | | C | 1.0 | | hrs | |
| Fuel Oil Pump #1 Run Time | | C | 1.0 | | hrs | |
| Fuel Oil Pump #2 Run Time | | (| 1.0 | | hrs | |
| | | | | | | |
| | Boiler 1 | Boiler 2 | Boiler 3 | Boiler 4 | Units | |
| Run Time | 0.0 | 0.0 | 23.5 | 0.3 | hrs | |
| Steam Flow | 0.00 | 0.00 | 156.66 | 0.00 | klbs | |
| Gas Flow | 0.00 | 0.00 | 179.64 | 1.73 | kscf | |
| Natural Gas Cost | \$0.00 | \$0.00 | \$1,103.14 | \$10.61 | \$ | |
| Oil Flow | 0.0 | 0.0 0.0 0.0 0.0 | | | | |
| Oil Cost | \$0.00 | | | | | |
| Total Fuel Cost | \$0.00 | \$0.00 | \$1,103.14 | \$10.61 | \$ | |
| Average Steam Cost | *** | *** | \$7.04 | *** | \$/klbs | |
| Efficiency By Losses | 0.0 | 0,0 | 83.0 | 76.8 | % | |
| Efficiency By I/O | | | 85.4 | | % | |
| Mid-Atlantic Controls Corporation | Day Report | | | | | |

Mid-Atlantic Controls Corporation

Day Report

Heating Plant Day Operations Report

5/16/2018 7:00 AM Daily Report

| Description | | | | | | |
|---|----------|-----------|------------|------------|-----------|--|
| | | | ant | | Units | |
| Heating Degree Days | | 0. | .00 | | hdd | |
| Total Plant Steam Flow | | 14 | 8.11 | | klbs | |
| Steam Flow Per Heating Degree Day | | | | | klbs/hdd | |
| Total Condensate Return Water Flow | | 8 | 1.9 | | klbs | |
| Total Plant Gas Flow | | 173 | 2.26 | | kscf | |
| Total Plant Gas Cost | | \$1,0 | 57.81 | | \$ | |
| Total Plant Oil Flow | | C | 0.0 | | gals | |
| Total Plant Oil Cost | | \$0 |).00 | | \$ | |
| Total Plant Fuel Cost | | \$1,0 | 57.81 | | \$ | |
| Fuel Cost Per Heating Degree Day | | | | | \$/hdd | |
| Plant Average Steam Cost Per Degree Day | | 4 | | | \$/klbs | |
| Total Plant Efficiency By I/O | | 84.2 | | | | |
| Condensate Transfer Pump #1 Run Time | <u> </u> | 1 | 2.7 | | hrs | |
| Condensate Transfer Pump #2 Run Time | | | 3.5 | | hrs | |
| Condensate Transfer Pump #3 Run Time | | | 0.0 | | hrs | |
| Boiler Feed Pump #1 Run Time | | | 3.5 | | hrs | |
| Boiler Feed Pump #2 Run Time | | | 3.5 | | hrs | |
| Boiler Feed Pump #3 Run Time | ······ | |).0 | | hrs | |
| Boiler Feed Pump #4 Run Time | | | 0.0 | | hrs | |
| Fuel Oil Pump #1 Run Time | | | 0.0 | | hrs | |
| Fuel Oil Pump #2 Run Time | | | 0.0 | | hrs | |
| | Boiler 1 | Boiler 2 | Boiler 3 | Boiler 4 | Units | |
| Run Time | 0.0 | 0.0 | 23.5 | 0.4 | hrs | |
| Steam Flow | 0.00 | 0.00 | 148.11 | 0.00 | klbs | |
| Gas Flow | 0.00 | 0.00 | 170.13 | 2.13 | kscf | |
| Natural Gas Cost | \$0.00 | \$0.00 | \$1,044.72 | \$13.09 | S | |
| Oil Flow | 0.0 | 0.0 | 0.0 | 0.0 | gals | |
| Oil Cost | \$0.00 | \$0.00 | \$0.00 | \$0.00 | S S | |
| Total Fuel Cost | \$0.00 | \$0.00 | \$1,044.72 | \$13.09 | \$ | |
| Average Steam Cost | - 40.00 | 30.00 | \$7.05 | φ13.U9 | \$/klbs | |
| Efficiency By Losses | 0.0 | 0.0 | 83.1 | 76.3 | % | |
| Efficiency By I/O | 0.0 | 0.0 | 85.3 | 70.5 | % | |
| Mid-Atlantic Controls Corporation | | av Renort | . 00.0 | | Page 1 of | |

Heating Plant Day Operations Report

5/17/2018 7:00 AM Daily Report

Description

| | Plant | | | | | |
|---|----------|------------|----------|----------------|---------|--|
| Heating Degree Days | | 23 | .87 | _ . | hdd | |
| Total Plant Steam Flow | | 139 | 9.54 | | klbs | |
| Steam Flow Per Heating Degree Day | | 5.8 | | | | |
| Total Condensate Return Water Flow | | 8 | .4 | | klbs | |
| Total Plant Gas Flow | | 188 | 3,02 | | kscf | |
| Total Plant Gas Cost | | \$1,1 | 54.61 | | \$ | |
| Total Plant Oil Flow | | 6 | .0 | | gals | |
| Total Plant Oil Cost | | \$23 | 3.28 | ····· | \$ | |
| Total Plant Fuel Cost | | \$1,1 | 77,89 | | \$ | |
| Fuel Cost Per Heating Degree Day | | \$49 | 9.35 | | \$/hdd | |
| Plant Average Steam Cost Per Degree Day | | \$0 | ,35 | | \$/klbs | |
| Total Plant Efficiency By I/O | | 72 | 2,4 | | % | |
| Condensate Transfer Pump #1 Run Time | | 18.3 | | | | |
| Condensate Transfer Pump #2 Run Time | | 23 | 3.4 | | hrs | |
| Condensate Transfer Pump #3 Run Time | | 0 | ,0 | | hrs | |
| Boiler Feed Pump #1 Run Time | | 23 | 3.4 | | hrs | |
| Boiler Feed Pump #2 Run Time | | 23 | 3.4 | | hrs | |
| Boiler Feed Pump #3 Run Time | | 19 | 9.9 | | hrs | |
| Boiler Feed Pump #4 Run Time | | 19 | 9.9 | | hrs | |
| Fuel Oil Pump #1 Run Time | | 0 | .0 | | hrs | |
| Fuel Oil Pump #2 Run Time | | 0 | .0 | 1 | hrs | |
| | Boiler 1 | Boiler 2 | Boiler 3 | Boiler 4 | Units | |
| Run Time | 0.0 | 4.0 | 19.2 | 0.1 | hrs | |
| Steam Flow | 0.00 | 18.24 | 121.30 | 0.00 | klbs | |
| Gas Flow | 0.00 | 45.56 | 141.99 | 0.48 | kscf | |
| Natural Gas Cost | \$0.00 | \$279.75 | \$871.93 | \$2.92 | \$ | |
| Oil Flow | 0.0 | 0.0 | 6.0 | 0.0 | gals | |
| Oil Cost | \$0.00 | \$0.00 | \$23.28 | \$0.00 | \$ | |
| Total Fuel Cost | \$0.00 | \$279.75 | \$895.21 | \$2.92 | \$ | |
| Average Steam Cost | *** | \$15.34 | \$7,38 | 10000 | \$/klbs | |
| Efficiency By Losses | 0.0 | 0.0 | 83.1 | 0.0 | % | |
| Efficiency By I/O | | 39.2 | 83.2 | | % | |
| Mid-Atlantic Controls Corporation | D | Day Report | | | | |

Mid-Atlantic Controls Corporation

Day Report

Heating Plant Day Operations Report

5/18/2018 7:00 AM Daily Report

Description

| Description | | | | | |
|---|----------|-----------|-------------|----------|-----------|
| | | Pla | ant | | Units |
| Heating Degree Days | | 0, | 00 | | hdd |
| Total Plant Steam Flow | | 161 | 1.62 | | klbs |
| Steam Flow Per Heating Degree Day | | - | | | klbs/hde |
| Total Condensate Return Water Flow | | 6 | .6 | | klbs |
| Total Plant Gas Flow | | 205 | 5.18 | | kscf |
| Fotal Plant Gas Cost | | \$1,2 | 59.97 | | \$ |
| Total Plant Oil Flow | | 3 | .1 | | gals |
| Total Plant Oil Cost | | \$12 | 2.01 | | \$ |
| Total Plant Fuel Cost | | \$1,2 | 71.98 | | \$ |
| Fuel Cost Per Heating Degree Day | | - | | | \$/hdd |
| Plant Average Steam Cost Per Degree Day | | - | | | \$/klbs |
| Total Plant Efficiency By I/O | | 77 | 7.0 | | % |
| | | | | | |
| Condensate Transfer Pump #1 Run Time | | | 3.5 | | hrs |
| Condensate Transfer Pump #2 Run Time | | 23 | 3.5 | | hrs |
| Condensate Transfer Pump #3 Run Time | | 0 | .0 | | hrs |
| Boiler Feed Pump #1 Run Time | | 23 | 3.5 | | hrs |
| Boiler Feed Pump #2 Run Time | | 23 | 3.5 | | hrs |
| Boiler Feed Pump #3 Run Time | | 23 | 3.5 | | hrs |
| Boiler Feed Pump #4 Run Time | | 23 | 3.5 | | hrs |
| Fuel Oil Pump #1 Run Time | | 0 | .0 | | hrs |
| Fuel Oil Pump #2 Run Time | 0.0 | | | | |
| <u>.</u> | Boiler 1 | Boiler 2 | Boiler 3 | Boiler 4 | Units |
| Run Time | 0.0 | 15.5 | 8.2 | 0.7 | hrs |
| Steam Flow | 0.00 | 101.59 | 59.97 | 0.06 | klbs |
| Gas Flow | 0.00 | 130.09 | 68.35 | 6.74 | kscf |
| Natural Gas Cost | \$0.00 | \$798.85 | \$419.73 | \$41.39 | S |
| Dil Flow | 0.0 | 0.0 | 3.1 | 0.0 | gals |
| Oil Cost | \$0.00 | | | | |
| Fotal Fuel Cost | \$0.00 | \$798.85 | \$431.74 | \$41.39 | \$ S |
| Average Steam Cost | 30.00 | \$7.86 | \$7.20 | \$734.11 | \$/klbs |
| Efficiency By Losses | 0.0 | 0.0 | 0.0 | 0.0 | % |
| Efficiency By I/O | 0.0 | 76.5 | 85.4 | 0.0 | % |
| Mid-Atlantic Controls Corporation | | av Report | | | Page 1 of |

Mid-Atlantic Controls Corporation

Day Report

Heating Plant Day Operations Report

5/19/2018 7:00 AM Daily Report

Description

| | Plant | | | | |
|---|----------|------------|----------|-------------|-----------|
| Heating Degree Days | | 0.0 | 00 | | hdd |
| Total Plant Steam Flow | | 203 | .96 | | klbs |
| Steam Flow Per Heating Degree Day | | | - | | klbs/hd |
| Total Condensate Return Water Flow | | 6. | 0 | | klbs |
| Total Plant Gas Flow | | 247 | .02 | | kscf |
| Total Plant Gas Cost | | \$1,51 | 6.87 | | \$ |
| Total Plant Oil Flow | | 0. | 0 | | gals |
| Total Plant Oil Cost | | \$0. | 00 | | \$ |
| Total Plant Fuel Cost | | \$1,51 | 6.87 | | \$ |
| Fuel Cost Per Heating Degree Day | - | - | - | | \$/hdd |
| Plant Average Steam Cost Per Degree Day | | ** | • | | \$/klbs |
| Total Plant Efficiency By I/O | | 80 | .9 | | % |
| Condensate Transfer Pump #1 Ruл Time | | 23 | .5 | | hrs |
| Condensate Transfer Pump #2 Run Time | | 23 | | | hrs |
| Condensate Transfer Pump #3 Run Time | | 0. | | | hrs |
| Boiler Feed Pump #1 Run Time | | 23 | | | hrs |
| Boiler Feed Pump #2 Run Time | | 23 | | | hrs |
| Boiler Feed Pump #3 Run Time | | 23 | .5 | | hrs |
| Boiler Feed Pump #4 Run Time | | 23 | .5 | | hrs |
| Fuel Oil Pump #1 Run Time | | 0. | 0 | | hrs |
| Fuel Oil Pump #2 Run Time | | 0. | 0 | | hrs |
| | Boiler 1 | Boiler 2 | Boiler 3 | Boiler 4 | Units |
| Run Time | 0.0 | 23.5 | 0.0 | 0.0 | hrs |
| Steam Flow | 0.00 | 203.96 | 0.00 | 0.00 | klbs |
| Gas Flow | 0.00 | 246.97 | 0.04 | 0.00 | kscf |
| Natural Gas Cost | \$0.00 | \$1,516.61 | \$0.26 | \$0.00 | S |
| Oil Flow | 0.0 | 0.0 | 0.0 | 0.0 | gals |
| Oil Cost | \$0.00 | | | | |
| Total Fuel Cost | \$0.00 | | | | |
| Average Steam Cost | *** | \$7.44 | *** | 1221 | \$/klbs |
| Efficiency By Losses | 0.0 | 0.0 | 0.0 | 0.0 | % |
| Efficiency By I/O | | 80.9 | | | % |
| Mid-Atlantic Controls Corporation | | av Report | | | Page 1 of |

Day Report

Heating Plant Day Operations Report

5/20/2018 7:00 AM Daily Report

Description

| | Plant | | | | |
|---|----------|-----------------|----------|----------|----------------|
| Heating Degree Days | | 0,0 | 00 | | hdd |
| Total Plant Steam Flow | | 212 | .65 | | klbs |
| Steam Flow Per Heating Degree Day | | • | | | klbs/hdd |
| Total Condensate Return Water Flow | | 7. | 0 | | klbs |
| Total Plant Gas Flow | | 256 | .22 | | kscf |
| Total Plant Gas Cost | | \$1,57 | 73.41 | | \$ |
| Total Plant Oil Flow | | 0. | 0 | | gals |
| Total Plant Oil Cost | | \$0. | 00 | | \$ |
| Total Plant Fuel Cost | | \$1,57 | 73.41 | | \$ |
| Fuel Cost Per Heating Degree Day | | _ | - | | \$/hdd |
| Plant Average Steam Cost Per Degree Day | | *** | - | | \$/klbs |
| Total Plant Efficiency By I/O | 81.3 | | | | |
| Condensate Transfer Pump #1 Run Time | 1 | 23 | 15 | | hrs |
| Condensate Transfer Pump #2 Run Time | | 23 | | | hrs |
| Condensate Transfer Pump #3 Run Time | | 0. | | | hrs |
| Boiler Feed Pump #1 Run Time | | 23 | | | hrs |
| Boiler Feed Pump #2 Run Time | | 23 | | | hrs |
| Boiler Feed Pump #3 Run Time | | 23 | | | hrs |
| Boiler Feed Pump #4 Run Time | | 23 | | | hrs |
| Fuel Oil Pump #1 Run Time | | 0. | | | hrs |
| Fuel Oil Pump #2 Run Time | 0.0 | | | | |
| | Boiler 1 | Boiler 2 | Boiler 3 | D-11 | 111 |
| Run Time | 0.0 | | | Boiler 4 | Units |
| Steam Flow | 0.00 | 23.5 | 0.0 | 0.2 | hrs |
| Gas Flow | 0.00 | 212.65 | 0.00 | 0.00 | klbs |
| Sas Flow Natural Gas Cost | \$0.00 | 255.01 | 0.00 | 1.22 | kscf |
| Oil Flow | | \$1,565.92 | \$0.00 | \$7.49 | \$ gals |
| Dil Cost | | 0.0 0.0 0.0 0.0 | | | |
| Oil Cost Fotal Fuel Cost | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$ |
| | \$0.00 | \$1,565.92 | \$0.00 | \$7.49 | \$ |
| Average Steam Cost | | \$7.36 | | | \$/klbs |
| Efficiency By Losses | 0.0 | 0.0 | 0.0 | 0.0 | % |
| Efficiency By I/O Mid-Atlantic Controls Corporation | | 81.7 | | | % Page 1 of |

Mid-Atlantic Controls Corporation

Day Report

Heating Plant Day Operations Report

5/21/2018 7:00 AM Daily Report

Description

| Description | | <u> </u> | | | |
|---|----------|------------|----------|----------|-----------|
| | | Pla | | | Units |
| Heating Degree Days | | 0.0 | - | | hdd |
| Total Plant Steam Flow | | 200 | .87 | | klbs |
| Steam Flow Per Heating Degree Day | | | | | klbs/hdd |
| Total Condensate Return Water Flow | | 8. | | | klbs |
| Total Plant Gas Flow | | 245 | .08 | | kscf |
| Total Plant Gas Cost | | \$1,50 | 4.95 | | \$ |
| Total Plant Oil Flow | | 0. | 0 | | gals |
| Total Plant Oil Cost | | \$0. | 00 | | \$ |
| Total Plant Fuel Cost | | \$1,50 | 4.95 | | \$ |
| Fuel Cost Per Heating Degree Day | | ** | - | | \$/hdd |
| Plant Average Steam Cost Per Degree Day | | | - | | \$/klbs |
| Total Plant Efficiency By I/O | | 80 | .3 | | % |
| Condensate Transfer Pump #1 Run Time | | 23 | 5 | | hrs |
| Condensate Transfer Pump #2 Run Time | | 23 | | | hrs |
| Condensate Transfer Pump #3 Run Time | | 1. | | | hrs |
| Boiler Feed Pump #1 Run Time | | 23 | | | hrs |
| Boiler Feed Pump #2 Run Time | | 23 | | | hrs |
| Boiler Feed Pump #3 Run Time | | 23 | | | hrs |
| Boiler Feed Pump #4 Run Time | | 23 | | | hrs |
| Fuel Oil Pump #1 Run Time | | 0. | | | hrs |
| Fuel Oil Pump #2 Run Time | | 0. | | | hrs |
| Total Time | 1 | | <u> </u> | · } | 1113 |
| | Boiler 1 | Boiler 2 | Boiler 3 | Boiler 4 | Units |
| Run Time | 0.0 | 23.5 | 0.0 | 0.3 | hrs |
| Steam Flow | 0.00 | 200,87 | 0.00 | 0.00 | klbs |
| Gas Flow | 0.00 | 243,34 | 0.00 | 1.73 | kscf |
| Natural Gas Cost | \$0.00 | \$1,494.32 | \$0.00 | \$10.63 | \$ |
| Oil Flow | 0.0 | 0.0 | 0.0 | 0.0 | gals |
| Oil Cost | \$0.00 | | | | |
| Fotal Fuel Cost | \$0.00 | \$1,494.32 | \$0.00 | \$10.63 | \$ |
| Average Steam Cost | 999 | \$7.44 | *** | *** | \$/klbs |
| Efficiency By Losses | 0.0 | 0.0 | 0.0 | 78.3 | % |
| Efficiency By I/O | | 80.8 | | | % |
| Mid-Atlantic Controls Corporation | Г | av Report | | | Page 1 of |

Mid-Atlantic Controls Corporation

Day Report

Heating Plant Day Operations Report

5/22/2018 7:00 AM Daily Report

Description

| | Plant | | | | |
|---|---|-----------|----------|---|---------------|
| Heating Degree Days | | 0, | 00 | | hdd |
| Total Plant Steam Flow | | 149 | 9.69 | | klbs |
| Steam Flow Per Heating Degree Day | | | | | klbs/hdd |
| Total Condensate Return Water Flow | | 8 | .3 | | klbs |
| Total Plant Gas Flow | | 182 | 2.60 | · - · · · · · · · · · · · · · · · · · · | kscf |
| Total Plant Gas Cost | ····· | \$1,1 | 21.32 | | \$ |
| Total Plant Oil Flow | | 0 | .0 | | gals |
| Total Plant Oil Cost | | \$0 | .00 | | \$ |
| Total Plant Fuel Cost | | \$1,1: | 21.32 | | \$ |
| Fuel Cost Per Heating Degree Day | | - | | | \$/hdd |
| Plant Average Steam Cost Per Degree Day | | | | | \$/klbs |
| Total Plant Efficiency By I/O | | 80 |).3 | | % |
| Condensate Transfer Pump #1 Run Time | | 23 | 3.5 | <u> </u> | hrs |
| Condensate Transfer Pump #2 Run Time | | | 3.5 | | hrs |
| Condensate Transfer Pump #3 Run Time | | | .6 | | hrs |
| Boiler Feed Pump #1 Run Time | *************************************** | | 3.5 | | hrs |
| Boiler Feed Pump #2 Run Time | 1,000 | 23 | 3.5 | | hrs |
| Boiler Feed Pump #3 Run Time | | 23 | 3.5 | | hrs |
| Boiler Feed Pump #4 Run Time | | 23 | 3.5 | | hrs |
| Fuel Oil Pump #1 Run Time | | 0 | .0 | | hrs |
| Fuel Oil Pump #2 Run Time | | 0 | .0 | | hrs |
| | Boiler 1 | Boiler 2 | Boiler 3 | Boiler 4 | Units |
| Run Time | 0.0 | 7.6 | 0.0 | 14.9 | hrs |
| Steam Flow | 0.00 | 73.99 | 0.00 | 75.71 | klbs |
| Gas Flow | 0.00 | 90.16 | 0.00 | 92.45 | kscf |
| Natural Gas Cost | \$0.00 | \$553.63 | \$0.00 | \$567.69 | \$ |
| Oit Flow | 0.0 | 0.0 | 0.0 | 0.0 | gals |
| Oil Cost | \$0.00 | | | | |
| Total Fuel Cost | \$0.00 | | | | |
| Average Steam Cost | Armer | \$7.48 | _ | \$7.50 | \$ \$/klbs |
| Efficiency By Losses | 0.0 | 0.0 | 0.0 | 83.2 | % |
| Efficiency By I/O | | 80.4 | | 80.2 | % |
| Mid-Atlantic Controls Corporation | D | ay Report | | | Page 1 of |

Mid-Atlantic Controls Corporation

Day Report

Heating Plant Day Operations Report

5/23/2018 7:00 AM **Daily Report**

| · · · · · · · · · · · · · · · · · · · | Plant | | | | | |
|---|-----------------------|----------|-------------|------------|----------|--|
| Heating Degree Days | | 0. | 00 | | hdd | |
| Total Plant Steam Flow | | 170 | 0.93 | · | klbs | |
| Steam Flow Per Heating Degree Day | | | | | klbs/hdd | |
| Total Condensate Return Water Flow | | 7 | .8 | | klbs | |
| Total Plant Gas Flow | | 229 | 9.69 | | kscf | |
| Total Plant Gas Cost | | \$1,4 | 10.49 | | \$ | |
| Total Plant Oil Flow | | 0 | .0 | | gals | |
| Total Plant Oil Cost | | \$0 | .00 | | \$ | |
| Total Plant Fuel Cost | | \$1,4 | 10.49 | | \$ | |
| Fuel Cost Per Heating Degree Day | | | •• | | \$/hdd | |
| Plant Average Steam Cost Per Degree Day | | - | _ | | \$/klbs | |
| Total Plant Efficiency By I/O | | 72 | 2.9 | | % | |
| Condensate Transfer Pump #1 Run Time | <u> </u> | 2 | 0 | | hrs | |
| Condensate Transfer Pump #2 Run Time | | | 3.5 | | hrs | |
| Condensate Transfer Pump #3 Run Time | | | 3.4 | | hrs | |
| Boiler Feed Pump #1 Run Time | 23.5 | | | | | |
| Boiler Feed Pump #2 Run Time | | | 3.5 | | hrs | |
| Boiler Feed Pump #3 Run Time | | | 3.5 | | hrs | |
| Boiler Feed Pump #4 Run Time | | | 3.5 | | hrs | |
| Fuel Oil Pump #1 Run Time | | | 0.0 | | hrs | |
| Fuel Oil Pump #2 Run Time | 0.0 | | | | | |
| | Dollar 4 | Dallas 0 | D-31 2 | D-H | 188-74- | |
| Run Time | Boiler 1 0.0 | Boiler 2 | Boiler 3 | Boiler 4 | Units | |
| Steam Flow | | 2.2 | | 22.2 | hrs | |
| Gas Flow | 0.00 | 12.15 | 0.00 | 158.79 | klbs | |
| | 0.00 | 25.90 | 0.00 | 203.80 | kscf | |
| Natural Gas Cost | \$0.00 | \$159.04 | \$0.00 | \$1,251.46 | \$ | |
| Oil Flow | 0.0 | 0.0 | 0.0 | 0.0 | gals | |
| Oil Cost | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$ | |
| Total Fuel Cost | \$0.00 | \$159.04 | \$0.00 | \$1,251.46 | \$ | |
| Average Steam Cost | | \$13.09 | | \$7.88 | \$/klbs | |
| Efficiency By Losses | 0.0 | 0.0 | 0.0 | 81.4 | % | |
| Efficiency By I/O Mid-Atlantic Controls Corporation | 45.9 76.3 Day Report | | | | | |

Heating Plant Day Operations Report

5/24/2018 7:00 AM Daily Report

Description

| Description | | | | | | |
|---|------------|----------|----------|------------|----------|--|
| | | Plant | | | | |
| Heating Degree Days | | 0. | 00 | | hdd | |
| Total Plant Steam Flow | | 153 | 3.34 | | kibs | |
| Steam Flow Per Heating Degree Day | | - | - | | klbs/hdd | |
| Total Condensate Return Water Flow | | 7 | .9 | | klbs | |
| Total Plant Gas Flow | | 192 | 2.06 | | kscf | |
| Total Plant Gas Cost | | \$1,1 | 79.39 | | \$ | |
| Total Plant Oil Flow | | 0 | .0 | | gals | |
| Total Plant Oil Cost | | \$0 | .00 | | \$ | |
| Total Plant Fuel Cost | | \$1,1 | 79.39 | | \$ | |
| Fuel Cost Per Heating Degree Day | | - | - | | \$/hdd | |
| Plant Average Steam Cost Per Degree Day | | • | | | \$/klbs | |
| Total Plant Efficiency By I/O | | 78 | 3.2 | | % | |
| | <u> </u> | | | | 14. | |
| Condensate Transfer Pump #1 Run Time | | | .9 | | hrs | |
| Condensate Transfer Pump #2 Run Time | | | 3.5 | | hrs | |
| Condensate Transfer Pump #3 Run Time | | | 3.5 | | hrs | |
| Boiler Feed Pump #1 Run Time | | | 3.5 | | hrs | |
| Boiler Feed Pump #2 Run Time | | | 3.5 | | hrs | |
| Boiler Feed Pump #3 Run Time | | | 3.5 | | hrs | |
| Boiler Feed Pump #4 Run Time | | | 3.5 | | hrs | |
| Fuel Oil Pump #1 Run Time | | | .0 | | hrs | |
| Fuel Oil Pump #2 Run Time | | 0 | .0 | T | hrs | |
| | Boiler 1 | Boiler 2 | Boiler 3 | Boiler 4 | Units | |
| Run Time | 0.0 | 0.5 | 0.0 | 23.4 | hrs | |
| Steam Flow | 0.00 | 0.63 | 0.00 | 152.72 | klbs | |
| Gas Flow | 0.00 | 4.36 | 0.00 | 187.70 | kscf | |
| Natural Gas Cost | \$0.00 | \$26.77 | \$0.00 | \$1,152.62 | \$ | |
| Oil Flow | 0.0 | 0.0 | 0.0 | 0.0 | gals | |
| Oil Cost | \$0.00 | | | | | |
| Total Fuel Cost | \$0.00 | | | | | |
| Average Steam Cost | | \$42.80 | | \$7.55 | \$/klbs | |
| Efficiency By Losses | 0.0 | 0.0 | 0.0 | 81.2 | % | |
| Efficiency By I/O | | 14.1 | | 79.7 | % | |
| Mid-Atlantic Controls Corporation | Day Report | | | | | |

Mid-Atlantic Controls Corporation

Day Report

Heating Plant Day Operations Report

5/25/2018 7:00 AM Daily Report

Description

| | Plant | | | | |
|--|--------------|------------|----------|----------|-----------|
| Heating Degree Days | | 0.0 | 00 | | hdd |
| Total Plant Steam Flow | | 158 | .44 | | klbs |
| Steam Flow Per Heating Degree Day | | - | • | | klbs/hdd |
| Total Condensate Return Water Flow | | 7. | 3 | | klbs |
| Total Piant Gas Flow | | 210 | .84 | | kscf |
| Total Plant Gas Cost | | \$1,29 | 14.73 | | \$ |
| Total Plant Oil Flow | | 0. | 0 | | gals |
| Total Plant Oil Cost | | \$0. | 00 | | \$ |
| Total Plant Fuel Cost | | \$1,29 | 14.73 | | \$ |
| Fuel Cost Per Heating Degree Day | | | • | | \$/hdd |
| Plant Average Steam Cost Per Degree Day | be-1-1 for 1 | - | _ | | \$/klbs |
| Total Plant Efficiency By I/O | | 73 | .6 | | % |
| Condensate Transfer Pump #1 Run Time | <u> </u> | 1 | 0 | | hrs |
| Condensate Transfer Pump #1 Run Time Condensate Transfer Pump #2 Run Time | 1.8 | | | | |
| Condensate Transfer Pump #3 Run Time | 23.5 | | | | |
| Boiler Feed Pump #1 Run Time | 23.5 | | | | |
| Boiler Feed Pump #2 Run Time | 23.5 | | | | |
| Boiler Feed Pump #3 Run Time | | | | | |
| Boiler Feed Pump #4 Run Time | 23.5 | | | | |
| Fuel Oil Pump #1 Run Time | | 0. | | | hrs |
| Fuet Oil Pump #2 Run Time | | 0. | | | hrs |
| rder Oil Fullip #2 Rull Time | | 0. | | | 1115 |
| | Boiler 1 | Boiler 2 | Boiler 3 | Boiler 4 | Units |
| Run Time | 0.0 | 18.9 | 0.0 | 4.3 | hrs |
| Steam Flow | 0.00 | 125.01 | 0.00 | 33.43 | klbs |
| Gas Flow | 0.00 | 167.33 | 0.00 | 43.51 | kscf |
| Natural Gas Cost | \$0.00 | \$1,027.55 | \$0.00 | \$267.18 | \$ |
| Oil Flow | 0.0 | 0.0 | 0.0 | 0.0 | gals |
| Oil Cost | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$ |
| Total Fuel Cost | \$0.00 | \$1,027.55 | \$0.00 | \$267.18 | \$ |
| Average Steam Cost | | \$8.22 | 000 | \$7.99 | \$/klbs |
| Efficiency By Losses | 0.0 | 0.0 | 0.0 | 79.8 | % |
| Efficiency By I/O | 73.2 75.3 | | | | |
| | | | | | Page 1 of |

Mid-Atlantic Controls Corporation

Day Report

Heating Plant Day Operations Report

5/26/2018 7:00 AM Daily Report

Description

| Description | | | | | Units | |
|---|----------|----------|----------|------------|----------|--|
| | Plant | | | | | |
| Heating Degree Days | | | 00 | | hdd | |
| Total Plant Steam Flow | | 150 | 0.03 | | klbs | |
| Steam Flow Per Heating Degree Day | | | - | | klbs/hdd | |
| Total Condensate Return Water Flow | | 7.6 | | | | |
| Total Plant Gas Flow | 189.22 | | | | | |
| Total Plant Gas Cost | | \$1,16 | 51.92 | | \$ | |
| Total Plant Oil Flow | | 0 | .0 | | gals | |
| Total Plant Oil Cost | | \$0 | .00 | | \$ | |
| Total Plant Fuel Cost | | \$1,16 | 61.92 | | \$ | |
| Fuel Cost Per Heating Degree Day | | | | | \$/hdd | |
| Plant Average Steam Cost Per Degree Day | | - | - | | \$/klbs | |
| Total Plant Efficiency By I/O | | 77 | 7,7 | | % | |
| Condensate Transfer Pump #1 Run Time | | 1 | .8 | | hrs | |
| Condensate Transfer Pump #2 Run Time | 23.5 | | | | | |
| Condensate Transfer Pump #3 Run Time | 23.5 | | | | | |
| Boiler Feed Pump #1 Run Time | 23.5 | | | | | |
| Boiler Feed Pump #2 Run Time | 23.5 | | | | | |
| Boiler Feed Pump #3 Run Time | 23.5 | | | | | |
| Boiler Feed Pump #4 Run Time | | 23 | 3.5 | | hrs | |
| Fuel Oil Pump #1 Run Time | | | .0 | | hrs | |
| Fuel Oil Pump #2 Run Time | 0.0 | | | | hrs | |
| | Boiler 1 | Boiler 2 | Boiler 3 | Boiler 4 | Units | |
| Run Time | 0.0 | 1.7 | 0.0 | 22.3 | hrs | |
| Steam Flow | 0.00 | 9.75 | 0.00 | 140.28 | klbs | |
| Gas Flow | 0.00 | 15.64 | 0.00 | 173.57 | kscf | |
| Natural Gas Cost | \$0.00 | \$96.06 | \$0.00 | \$1,065.86 | S | |
| Oil Flow | 0.0 | 0.0 | 0.0 | 0.0 | gals | |
| Oil Cost | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$ | |
| Total Fuel Cost | \$0.00 | \$96.06 | \$0.00 | \$1,065.86 | S | |
| Average Steam Cost | φσ.σσ | \$9.85 | 40.00 | \$7.60 | \$/klbs | |
| Efficiency By Losses | 0.0 | 0.0 | 0.0 | 81.3 | % | |
| Efficiency By I/O | 0.0 | 61.0 | 0.0 | 79.1 | % | |
| Mid-Atlantic Controls Corporation | | | | | | |

Mid-Atlantic Controls Corporation

Day Report

Heating Plant Day Operations Report

5/27/2018 7:00 AM Daily Report

Description

| | Plant | | | | |
|---|----------|---------------------------------------|----------|------------------|----------------|
| Heating Degree Days | | 0, | 00 | | hdd |
| Total Plant Steam Flow | | 139 | 0.03 | | klbs |
| Steam Flow Per Heating Degree Day | | | | | klbs/hd |
| Total Condensate Return Water Flow | | 8 | .0 | | klbs |
| Total Plant Gas Flow | | 174 | .25 | ··········· | kscf |
| Total Plant Gas Cost | | \$1,07 | 70.04 | | \$ |
| Total Plant Oil Flow | | 0 | .0 | | gals |
| Total Plant Oil Cost | | \$0 | .00 | | \$ |
| Total Plant Fuel Cost | | \$1,0 | 70.04 | | \$ |
| Fuel Cost Per Heating Degree Day | | • | •• | | \$/hdd |
| Plant Average Steam Cost Per Degree Day | | - | - | | \$/klbs |
| Total Plant Efficiency By I/O | | 78 | 3.1 | | % |
| Condensate Transfer Pump #1 Run Time | 1 | 1 | .9 | <u> </u> | hrs |
| Condensate Transfer Pump #2 Run Time | 23.5 | | | | |
| Condensate Transfer Pump #3 Run Time | 23.5 | | | | |
| Boiler Feed Pump #1 Run Time | 23.5 | | | | |
| Boiler Feed Pump #2 Run Time | 23.5 | | | | |
| Boiler Feed Pump #3 Run Time | 23.5 | | | | |
| Boiler Feed Pump #4 Run Time | | | 3.5 | | hrs |
| Fuel Oil Pump #1 Run Time | | | .0 | | hrs |
| Fuel Oil Pump #2 Run Time | | | .0 | | hrs |
| | Boiler 1 | Boiler 2 | Boiler 3 | Boiler 4 | Units |
| Run Time | 0.0 | 0.3 | 0.0 | 23.5 | hrs |
| Steam Flow | 0.00 | 0.00 | 0.00 | } | klbs |
| Gas Flow | 0.00 | 2.30 | 0.00 | 139.03 171.96 | kscf |
| | | · · · · · · · · · · · · · · · · · · · | | | |
| Natural Gas Cost | \$0.00 | \$14.10 | \$0.00 | \$1,055.94 | \$ |
| Oil Flow | 0.0 | 0,0 | 0.0 | 0.0 | gals |
| Oil Cost | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$ |
| Total Fuel Cost | \$0.00 | \$14.10 | \$0.00 | \$1,055.94 | \$ |
| Average Steam Cost | | | | \$7.60 | \$/klbs |
| Efficiency By Losses | 0.0 | 0.0 | 0.0 | 81.3 | % |
| Efficiency By I/O Mid-Atlantic Controls Corporation | | lav Report | | 79.2 | % Page 1 of |

Mid-Atlantic Controls Corporation

Day Report

Heating Plant Day Operations Report

5/28/2018 7:00 AM Daily Report

Description

| | Plant | | | | |
|---|--|----------|----------|------------|-----------|
| Heating Degree Days | | 0. | 00 | | hdd |
| Total Plant Steam Flow | | 139 |).13 | | klbs |
| Steam Flow Per Heating Degree Day | | w | - | | klbs/hd |
| Total Condensate Return Water Flow | 8.0 | | | | |
| Total Plant Gas Flow | 174.78 | | | | kscf |
| Total Plant Gas Cost | | \$1,0 | 73.25 | | \$ |
| Total Plant Oil Flow | bridsker blacker black | 0 | ,0 | | gals |
| Total Plant Oil Cost | | \$0 | 00 | | \$ |
| Total Plant Fuel Cost | | \$1,01 | 73.25 | | \$ |
| Fuel Cost Per Heating Degree Day | | • | •• | | \$/hdd |
| Plant Average Steam Cost Per Degree Day | | - | _ | | \$/klbs |
| Total Plant Efficiency By I/O | | 78 | 3.0 | | % |
| | | | | 1 | |
| Condensate Transfer Pump #1 Run Time | 1,9 | | | | |
| Condensate Transfer Pump #2 Run Time | 23.5 | | | | |
| Condensate Transfer Pump #3 Run Time | 23.5 | | | | |
| Boiler Feed Pump #1 Run Time | 23.5 | | | | |
| Boiler Feed Pump #2 Run Time | 23.5 | | | | |
| Boiler Feed Pump #3 Run Time | 23.5 | | | | |
| Boiler Feed Pump #4 Run Time | | 23 | 3.5 | | hrs |
| Fuel Oil Pump #1 Run Time | | 0 | .0 | | hrs |
| Fuel Oil Pump #2 Run Time | 0.0 | | | | |
| | Boiler 1 | Boiler 2 | Boiler 3 | Boiler 4 | Units |
| Run Time | 0.0 | 0.6 | 0.0 | 23.5 | hrs |
| Steam Flow | 0.00 | 0.00 | 0.00 | 139.13 | klbs |
| Gas Flow | 0.00 | 4.33 | 0.00 | 170.44 | kscf |
| Natural Gas Cost | \$0.00 | \$26.60 | \$0.00 | \$1,046.65 | \$ |
| Oil Flow | 0.0 | 0.0 | 0.0 | 0.0 | gals |
| Oil Cost | \$0.00 | \$0.00 | \$0.00 | \$0.00 | S |
| Total Fuel Cost | \$0.00 | \$26.60 | \$0.00 | \$1,046.65 | \$ |
| Average Steam Cost | *** | ••• | ••• | \$7.52 | \$/klbs |
| Efficiency By Losses | 0.0 | 0.0 | 0.0 | 81.3 | % |
| Efficiency By I/O | | | | 79.9 | % |
| | | | | | Page 1 of |

Mid-Atlantic Controls Corporation

Day Report

Heating Plant Day Operations Report

5/29/2018 7:00 AM Daily Report

Description

| | Plant | | | | |
|---|----------|----------|----------|------------|-----------|
| Heating Degree Days | 0,00 | | | | hdd |
| Total Plant Steam Flow | | 139 |).75 | ····· | klbs |
| Steam Flow Per Heating Degree Day | | - | | | klbs/hdd |
| Total Condensate Return Water Flow | 7.7 | | | | klbs |
| Total Plant Gas Flow | | 175 | 5.16 | | kscf |
| Total Plant Gas Cost | | \$1,0 | 75.64 | | \$ |
| Total Plant Oil Flow | | 0 | .0 | | gals |
| Total Plant Oil Cost | | \$0 | .00 | | \$ |
| Total Plant Fuel Cost | | \$1,0 | 75.64 | | \$ |
| Fuel Cost Per Heating Degree Day | | - | - | | \$/hdd |
| Plant Average Steam Cost Per Degree Day | | _ | - | | \$/klbs |
| Total Plant Efficiency By I/O | | 78 | 3.1 | 1 | % |
| Condensate Transfer Pump #1 Run Time | | 1 | <u> </u> | | hrs |
| Condensate Transfer Pump #2 Run Time | 23.5 | | | | |
| Condensate Transfer Pump #3 Run Time | 23.5 | | | | |
| Boiler Feed Pump #1 Run Time | 23.5 | | | | |
| Boiler Feed Pump #2 Run Time | 23.5 | | | | |
| Boiler Feed Pump #3 Run Time | 23.5 | | | | |
| Boiler Feed Pump #4 Run Time | | 23 | 3.5 | | hrs |
| Fuel Oil Pump #1 Run Time | | 0 | .0 | | hrs |
| Fuel Oil Pump #2 Run Time | 0.0 | | | | |
| | Boiler 1 | Boiler 2 | Boiler 3 | Boiler 4 | Units |
| Run Time | 0.0 | 0.3 | 0.0 | 23,5 | hrs |
| Steam Flow | 0.00 | 0.00 | 0.00 | 139.75 | klbs |
| Gas Flow | 0.00 | 2.15 | 0.00 | 173.02 | kscf |
| Natural Gas Cost | \$0.00 | \$13.19 | \$0.00 | \$1,062.45 | \$ |
| Oil Flow | 0.0 | 0.0 | 0.0 | 0.0 | gals |
| Oil Cost | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$ |
| Total Fuel Cost | \$0.00 | \$13.19 | \$0.00 | \$1,062.45 | \$ |
| Average Steam Cost | | | | \$7.60 | \$/klbs |
| Efficiency By Losses | 0.0 | 0.0 | 0.0 | 81.2 | % |
| Efficiency By I/O | | | | 79.1 | % |
| | | | | | Page 1 of |

Mid-Atlantic Controls Corporation

Day Report

Heating Plant Day Operations Report

5/30/2018 7:00 AM Daily Report

Description

| | Plant | | | | |
|---|----------|------------|----------|------------|------------|
| Heating Degree Days | | 0. | 00 | | hdd |
| Total Plant Steam Flow | | 158 | 3.24 | | klbs |
| Steam Flow Per Heating Degree Day | | | _ | | klbs/hdd |
| Total Condensate Return Water Flow | | 7 | .8 | | klbs |
| Total Plant Gas Flow | 198.92 | | | | kscf |
| Total Plant Gas Cost | | \$1,221.54 | | | |
| Total Plant Oil Flow | | 0 | .0 | | gals |
| Total Plant Oil Cost | | \$0 | .00 | | \$ |
| Total Plant Fuel Cost | | \$1,2 | 21.54 | | \$ |
| Fuel Cost Per Heating Degree Day | | | www. | | \$/hdd |
| Plant Average Steam Cost Per Degree Day | | | _ | | \$/klbs |
| Total Plant Efficiency By I/O | | 7 | 7.9 | | % |
| Condensate Transfer Pump #1 Run Time | | | 1.9 | | hrs |
| Condensate Transfer Pump #2 Run Time | 23.5 | | | | |
| Condensate Transfer Pump #3 Run Time | 23.5 | | | | |
| Boiler Feed Pump #1 Run Time | 23.5 | | | | |
| Boiler Feed Pump #2 Run Time | 23.5 | | | | |
| Boiler Feed Pump #3 Run Time | 23.5 | | | | |
| Boiler Feed Pump #4 Run Time | | | 3.5 | | hrs hrs |
| Fuel Oil Pump #1 Run Time | | | .0 | | hrs |
| Fuel Oil Pump #2 Run Time | | 0 | 0.0 | | |
| | Boiler 1 | Boiler 2 | Boiler 3 | Boiler 4 | Units |
| Run Time | 0.0 | 0.7 | 0.0 | 23.5 | hrs |
| Steam Flow | 0.00 | 0.00 | 0.00 | 158.24 | klbs |
| Gas Flow | 0.00 | 5.35 | 0.00 | 193.57 | kscf |
| Natural Gas Cost | \$0.00 | \$32.87 | \$0.00 | \$1,188.67 | \$ |
| Oil Flow | 0.0 | 0.0 | 0.0 | 0.0 | gals |
| Oil Cost | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$ |
| Total Fuel Cost | \$0.00 | \$32.87 | \$0.00 | \$1,188.67 | S |
| Average Steam Cost | Ψ0.00 | \$02.07 | ψο.σο | \$7.51 | \$/klbs |
| Efficiency By Losses | 0.0 | 0.0 | 0.0 | 81.3 | % |
| Efficiency By I/O | | 0.0 | | 80.1 | % |
| Mid-Atlantic Controls Corporation | | av Report | | | Page 1 of |

Mid-Atlantic Controls Corporation

Day Report

Heating Plant Day Operations Report

5/31/2018 7:00 AM Daily Report

| | Plant | | | | |
|---|-----------|------------|----------|-------------|---------|
| Heating Degree Days | | 0.0 | 00 | | hđđ |
| Total Plant Steam Flow | | 149 | .65 | | klbs |
| Steam Flow Per Heating Degree Day | | - | •." | | klbs/ho |
| Total Condensate Return Water Flow | | 7. | 9 | | klbs |
| Total Plant Gas Flow | | 206 | .77 | | kscf |
| Total Plant Gas Cost | | \$1,26 | 9.74 | | \$ |
| Total Plant Oil Flow | | 0. | 0 | | gals |
| Total Plant Oil Cost | | \$0. | 00 | | \$ |
| Total Plant Fuel Cost | | \$1,26 | 9.74 | | \$ |
| Fuel Cost Per Heating Degree Day | | - | - | | \$/hdd |
| Plant Average Steam Cost Per Degree Day | | 4-4 | • | | \$/klbs |
| Total Plant Efficiency By I/O | | 70 | .9 | | % |
| Condensate Transfer Pump #1 Run Time | | 23 | .5 | | hrs |
| Condensate Transfer Pump #2 Run Time | | 23 | .5 | | hrs |
| Condensate Transfer Pump #3 Run Time | 23.5 | | | | |
| Boiler Feed Pump #1 Run Time | 23.5 | | | | |
| Boiler Feed Pump #2 Run Time | 23.5 | | | | |
| Boiler Feed Pump #3 Run Time | 23.5 | | | | |
| Boiler Feed Pump #4 Run Time | 23.5 | | | | |
| Fuel Oil Pump #1 Run Time | | 0. | 0 | | hrs |
| Fuel Oil Pump #2 Run Time | 0.0 | | | | hrs |
| | Boiler 1 | Boiler 2 | Boiler 3 | Boiler 4 | Units |
| Run Time | 0.0 | 21.9 | 0.0 | 1.9 | hrs |
| Steam Flow | 0.00 | 138.86 | 0.00 | 10.79 | klbs |
| Gas Flow | 0.00 | 189.43 | 0.00 | 17.34 | kscf |
| Natural Gas Cost | \$0.00 | \$1,163.26 | \$0.00 | \$106.47 | \$ |
| Oil Flow | 0.0 | 0.0 | 0.0 | 0.0 | gals |
| Oil Cost | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$ |
| Total Fuel Cost | \$0.00 | \$1,163.26 | \$0.00 | \$106.47 | \$ |
| Average Steam Cost | *** | \$8.38 | | \$9.87 | \$/klbs |
| Efficiency By Losses | 0.0 | 0.0 | 0.0 | 0.0 | % |
| Efficiency By I/O | 71.8 60.9 | | | | |