

Southside Virginia Training Center

Heating Plant Month Operations Report

7/31/2013
11:59 PM
Monthly Report

Description

| | Plant | Units | | | |
|---|-------------|------------|------------|------------|---------|
| Heating Degree Days | 1.17 | hdd | | | |
| Total Plant Steam Flow | 3,868.27 | klbs | | | |
| Steam Flow Per Heating Degree Day | 3,196.1 | klbs/hdd | | | |
| Total Condensate Return Water Flow | 273.1 | klbs | | | |
| Total Plant Gas Flow | 5,151.35 | kscf | | | |
| Total Plant Gas Cost | \$35,554.96 | \$ | | | |
| Total Plant Oil Flow | 0.0 | gals | | | |
| Total Plant Oil Cost | \$0.00 | \$ | | | |
| Total Plant Fuel Cost | \$35,554.96 | \$ | | | |
| Fuel Cost Per Heating Degree Day | \$293.73 | \$/hdd | | | |
| Plant Average Steam Cost Per Degree Day | \$7.84 | \$/klbs | | | |
| Total Plant Efficiency By I/O | 73.7 | % | | | |
| | | | | | |
| Condensate Transfer Pump #1 Run Time | 231.9 | hrs | | | |
| Condensate Transfer Pump #2 Run Time | 343.1 | hrs | | | |
| Condensate Transfer Pump #3 Run Time | 169.0 | hrs | | | |
| Boiler Feed Pump #1 Run Time | 176.5 | hrs | | | |
| Boiler Feed Pump #2 Run Time | 187.6 | hrs | | | |
| Boiler Feed Pump #3 Run Time | 171.0 | hrs | | | |
| Boiler Feed Pump #4 Run Time | 210.0 | 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 | 248.3 | 138.8 | 169.7 | 196.3 | hrs |
| Steam Flow | 1452.29 | 709.22 | 851.52 | 851.99 | klbs |
| Gas Flow | 2005.93 | 972.64 | 1051.76 | 1107.77 | kscf |
| Natural Gas Cost | \$13,844.95 | \$6,713.28 | \$7,259.38 | \$7,645.87 | \$ |
| Oil Flow | 0.0 | 0.0 | 0.0 | 0.0 | gals |
| Oil Cost | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$ |
| Total Fuel Cost | \$13,844.95 | \$6,713.28 | \$7,259.38 | \$7,645.87 | \$ |
| Average Steam Cost | \$9.55 | \$9.47 | \$8.53 | \$8.97 | \$/klbs |
| Efficiency By Losses | 82.8 | 79.6 | 81.5 | 82.6 | % |
| Efficiency By I/O | 70.8 | 71.4 | 79.3 | 75.3 | % |