

Southside Virginia Training Center

Heating Plant Month Operations Report

9/30/2012
 11:59 PM
 Monthly Report

Description

| | Plant | | | | Units |
|---|-----------------|-----------------|-----------------|-----------------|--------------|
| Heating Degree Days | 86.42 | | | | hdd |
| Total Plant Steam Flow | 4,016.83 | | | | klbs |
| Steam Flow Per Heating Degree Day | 46.5 | | | | klbs/hdd |
| Total Condensate Return Water Flow | 234.6 | | | | klbs |
| Total Plant Gas Flow | 5,272.97 | | | | kscf |
| Total Plant Gas Cost | \$36,394.19 | | | | \$ |
| Total Plant Oil Flow | 0.0 | | | | gals |
| Total Plant Oil Cost | \$0.00 | | | | \$ |
| Total Plant Fuel Cost | \$36,394.19 | | | | \$ |
| Fuel Cost Per Heating Degree Day | \$421.13 | | | | \$/hdd |
| Plant Average Steam Cost Per Degree Day | \$0.10 | | | | \$/klbs |
| Total Plant Efficiency By I/O | 74.6 | | | | % |
| | | | | | |
| Condensate Transfer Pump #1 Run Time | 177.6 | | | | hrs |
| Condensate Transfer Pump #2 Run Time | 167.4 | | | | hrs |
| Condensate Transfer Pump #3 Run Time | 374.6 | | | | hrs |
| Boiler Feed Pump #1 Run Time | 0.0 | | | | hrs |
| Boiler Feed Pump #2 Run Time | 458.0 | | | | hrs |
| Boiler Feed Pump #3 Run Time | 4.4 | | | | hrs |
| Boiler Feed Pump #4 Run Time | 257.0 | | | | 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 | 2.2 | 322.5 | 218.6 | 172.5 | hrs |
| Steam Flow | 3.23 | 1882.93 | 1183.47 | 947.20 | klbs |
| Gas Flow | 17.07 | 2560.39 | 1481.99 | 1213.52 | kscf |
| Natural Gas Cost | \$117.84 | \$17,671.96 | \$10,228.71 | \$8,375.68 | \$ |
| Oil Flow | 0.0 | 0.0 | 0.0 | 0.0 | gals |
| Oil Cost | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$ |
| Total Fuel Cost | \$117.84 | \$17,671.96 | \$10,228.71 | \$8,375.68 | \$ |
| Average Steam Cost | \$36.48 | \$9.39 | \$8.64 | \$8.84 | \$/klbs |
| Efficiency By Losses | 83.4 | 78.2 | 82.9 | 82.4 | % |
| Efficiency By I/O | 18.5 | 72.0 | 78.2 | 76.4 | % |