

Southside Virginia Training Center

Heating Plant Month Operations Report

5/31/2009
11:59 PM
Monthly Report

Description

| | | Plant | Units | | |
|---|-------------|-------------|-------------|----------|---------|
| Heating Degree Days | | 104.18 | hdd | | |
| Total Plant Steam Flow | | 5,074.66 | klbs | | |
| Steam Flow Per Heating Degree Day | | 48.7 | klbs/hdd | | |
| Total Condensate Return Water Flow | | 156.1 | klbs | | |
| Total Plant Gas Flow | | 5,981.71 | kscf | | |
| Total Plant Gas Cost | | \$66,178.89 | \$ | | |
| Total Plant Oil Flow | | 0.0 | gals | | |
| Total Plant Oil Cost | | \$0.00 | \$ | | |
| Total Plant Fuel Cost | | \$66,178.89 | \$ | | |
| Fuel Cost Per Heating Degree Day | | \$635.24 | \$/hdd | | |
| Plant Average Steam Cost Per Degree Day | | \$0.13 | \$/klbs | | |
| Total Plant Efficiency By I/O | | 83.1 | % | | |
| | | | | | |
| Condensate Transfer Pump #1 Run Time | | 302.6 | hrs | | |
| Condensate Transfer Pump #2 Run Time | | 168.1 | hrs | | |
| Condensate Transfer Pump #3 Run Time | | 269.6 | hrs | | |
| Boiler Feed Pump #1 Run Time | | 145.6 | hrs | | |
| Boiler Feed Pump #2 Run Time | | 236.6 | hrs | | |
| Boiler Feed Pump #3 Run Time | | 175.0 | hrs | | |
| Boiler Feed Pump #4 Run Time | | 183.0 | 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 | 271.2 | 297.4 | 171.3 | 0.0 | hrs |
| Steam Flow | 1848.66 | 1984.51 | 1241.49 | 0.00 | klbs |
| Gas Flow | 2221.07 | 2303.42 | 1457.22 | 0.00 | kscf |
| Natural Gas Cost | \$24,572.89 | \$25,483.88 | \$16,122.12 | \$0.00 | \$ |
| Oil Flow | 0.0 | 0.0 | 0.0 | 0.0 | gals |
| Oil Cost | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$ |
| Total Fuel Cost | \$24,572.89 | \$25,483.88 | \$16,122.12 | \$0.00 | \$ |
| Average Steam Cost | \$13.29 | \$12.84 | \$12.99 | --- | \$/klbs |
| Efficiency By Losses | 81.3 | 82.1 | 82.1 | --- | % |
| Efficiency By I/O | 81.5 | 84.4 | 83.4 | --- | % |