

# Southside Virginia Training Center

## Heating Plant Month Operations Report

5/31/2008  
11:59 PM  
Monthly Report

### Description

	Plant	Units			
Heating Degree Days	140.40	hdd			
Total Plant Steam Flow	6,200.41	klbs			
Steam Flow Per Heating Degree Day	44.2	klbs/hdd			
Total Condensate Return Water Flow	17.2	klbs			
Total Plant Gas Flow	7,204.22	kscf			
Total Plant Gas Cost	\$79,704.04	\$			
Total Plant Oil Flow	0.0	gals			
Total Plant Oil Cost	\$0.00	\$			
Total Plant Fuel Cost	\$79,704.04	\$			
Fuel Cost Per Heating Degree Day	\$567.69	\$/hdd			
Plant Average Steam Cost Per Degree Day	\$0.09	\$/klbs			
Total Plant Efficiency By I/O	84.3	%			
Condensate Transfer Pump #1 Run Time	167.7	hrs			
Condensate Transfer Pump #2 Run Time	335.4	hrs			
Condensate Transfer Pump #3 Run Time	239.0	hrs			
Boiler Feed Pump #1 Run Time	175.9	hrs			
Boiler Feed Pump #2 Run Time	289.9	hrs			
Boiler Feed Pump #3 Run Time	102.9	hrs			
Boiler Feed Pump #4 Run Time	173.4	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	166.2	220.1	221.4	143.9	hrs
Steam Flow	1449.91	1803.73	1786.44	1160.33	klbs
Gas Flow	1670.12	2044.66	2079.72	1409.72	kscf
Natural Gas Cost	\$18,477.31	\$22,620.92	\$23,009.43	\$15,596.38	\$
Oil Flow	0.0	0.0	0.0	0.0	gals
Oil Cost	\$0.00	\$0.00	\$0.00	\$0.00	\$
Total Fuel Cost	\$18,477.31	\$22,620.92	\$23,009.43	\$15,596.38	\$
Average Steam Cost	\$12.74	\$12.54	\$12.88	\$13.44	\$/klbs
Efficiency By Losses	82.0	82.0	81.9	81.9	%
Efficiency By I/O	85.0	86.4	84.1	80.6	%