

# Southside Virginia Training Center

## Heating Plant Month Operations Report

1/31/2008  
11:59 PM  
Monthly Report

### Description

	Plant	Units			
Heating Degree Days	855.10	hdd			
Total Plant Steam Flow	12,242.34	klbs			
Steam Flow Per Heating Degree Day	14.3	klbs/hdd			
Total Condensate Return Water Flow	0.1	klbs			
Total Plant Gas Flow	14,274.67	kscf			
Total Plant Gas Cost	\$157,928.69	\$			
Total Plant Oil Flow	0.0	gals			
Total Plant Oil Cost	\$0.00	\$			
Total Plant Fuel Cost	\$157,928.69	\$			
Fuel Cost Per Heating Degree Day	\$184.69	\$/hdd			
Plant Average Steam Cost Per Degree Day	\$0.02	\$/klbs			
Total Plant Efficiency By I/O	84.0	%			
Condensate Transfer Pump #1 Run Time	141.5	hrs			
Condensate Transfer Pump #2 Run Time	317.8	hrs			
Condensate Transfer Pump #3 Run Time	284.6	hrs			
Boiler Feed Pump #1 Run Time	8.1	hrs			
Boiler Feed Pump #2 Run Time	99.8	hrs			
Boiler Feed Pump #3 Run Time	349.3	hrs			
Boiler Feed Pump #4 Run Time	286.4	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	127.6	228.4	226.3	203.1	hrs
Steam Flow	2160.65	3478.82	3282.30	3320.57	klbs
Gas Flow	2503.35	3981.09	3790.76	3999.47	kscf
Natural Gas Cost	\$27,696.12	\$44,044.75	\$41,939.48	\$44,248.34	\$
Oil Flow	0.0	0.0	0.0	0.0	gals
Oil Cost	\$0.00	\$0.00	\$0.00	\$0.00	\$
Total Fuel Cost	\$27,696.12	\$44,044.75	\$41,939.48	\$44,248.34	\$
Average Steam Cost	\$12.82	\$12.66	\$12.78	\$13.33	\$/klbs
Efficiency By Losses	83.0	82.1	82.1	82.4	%
Efficiency By I/O	84.5	85.6	84.8	81.3	%