

# Southside Virginia Training Center

## Heating Plant Month Operations Report

1/31/2010  
11:59 PM  
Monthly Report

### Description

		Plant	Units		
Heating Degree Days		980.96	hdd		
Total Plant Steam Flow		12,114.65	klbs		
Steam Flow Per Heating Degree Day		12.3	klbs/hdd		
Total Condensate Return Water Flow		132.8	klbs		
Total Plant Gas Flow		14,307.93	kscf		
Total Plant Gas Cost		\$158,295.98	\$		
Total Plant Oil Flow		0.0	gals		
Total Plant Oil Cost		\$0.00	\$		
Total Plant Fuel Cost		\$158,295.98	\$		
Fuel Cost Per Heating Degree Day		\$161.37	\$/hdd		
Plant Average Steam Cost Per Degree Day		\$0.01	\$/klbs		
Total Plant Efficiency By I/O		82.9	%		
Condensate Transfer Pump #1 Run Time	295.0		hrs		
Condensate Transfer Pump #2 Run Time	281.3		hrs		
Condensate Transfer Pump #3 Run Time	167.5		hrs		
Boiler Feed Pump #1 Run Time	175.5		hrs		
Boiler Feed Pump #2 Run Time	217.9		hrs		
Boiler Feed Pump #3 Run Time	175.0		hrs		
Boiler Feed Pump #4 Run Time	175.3		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	182.6	0.0	269.9	314.0	hrs
Steam Flow	2758.82	0.00	4125.39	5230.44	klbs
Gas Flow	3051.80	0.00	4868.74	6387.39	kscf
Natural Gas Cost	\$33,763.72	\$0.00	\$53,865.37	\$70,666.89	\$
Oil Flow	0.0	0.0	0.0	0.0	gals
Oil Cost	\$0.00	\$0.00	\$0.00	\$0.00	\$
Total Fuel Cost	\$33,763.72	\$0.00	\$53,865.37	\$70,666.89	\$
Average Steam Cost	\$12.24	---	\$13.06	\$13.51	\$/klbs
Efficiency By Losses	82.2	---	82.1	82.0	%
Efficiency By I/O	88.5	---	83.0	80.2	%