

# Southside Virginia Training Center

## Heating Plant Month Operations Report

2/29/2008  
11:59 PM  
Monthly Report

### Description

	Plant	Units			
Heating Degree Days	679.22	hdd			
Total Plant Steam Flow	10,629.87	klbs			
Steam Flow Per Heating Degree Day	15.7	klbs/hdd			
Total Condensate Return Water Flow	0.0	klbs			
Total Plant Gas Flow	12,283.80	kscf			
Total Plant Gas Cost	\$135,902.27	\$			
Total Plant Oil Flow	0.0	gals			
Total Plant Oil Cost	\$0.00	\$			
Total Plant Fuel Cost	\$135,902.27	\$			
Fuel Cost Per Heating Degree Day	\$200.09	\$/hdd			
Plant Average Steam Cost Per Degree Day	\$0.02	\$/klbs			
Total Plant Efficiency By I/O	84.7	%			
Condensate Transfer Pump #1 Run Time	334.0	hrs			
Condensate Transfer Pump #2 Run Time	273.3	hrs			
Condensate Transfer Pump #3 Run Time	87.8	hrs			
Boiler Feed Pump #1 Run Time	216.4	hrs			
Boiler Feed Pump #2 Run Time	302.8	hrs			
Boiler Feed Pump #3 Run Time	175.7	hrs			
Boiler Feed Pump #4 Run Time	0.0	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	171.8	174.9	179.9	200.5	hrs
Steam Flow	2499.36	2790.18	2315.58	3024.75	klbs
Gas Flow	2847.94	3187.56	2629.67	3618.63	kscf
Natural Gas Cost	\$31,508.22	\$35,265.29	\$29,093.52	\$40,035.24	\$
Oil Flow	0.0	0.0	0.0	0.0	gals
Oil Cost	\$0.00	\$0.00	\$0.00	\$0.00	\$
Total Fuel Cost	\$31,508.22	\$35,265.29	\$29,093.52	\$40,035.24	\$
Average Steam Cost	\$12.61	\$12.64	\$12.56	\$13.24	\$/klbs
Efficiency By Losses	82.8	81.9	81.9	82.3	%
Efficiency By I/O	85.9	85.7	86.2	81.9	%