

# Southside Virginia Training Center

## Heating Plant Month Operations Report

5/31/2006  
11:59 PM  
Monthly Report

### Description

Plant		Units			
Heating Degree Days	167.42	hdd			
Total Plant Steam Flow	11,984.30	klbs			
Steam Flow Per Heating Degree Day	71.6	klbs/hdd			
Total Condensate Return Water Flow	6,823.3	klbs			
Total Plant Gas Flow	13,030.31	kscf			
Total Plant Gas Cost	\$144,161.67	\$			
Total Plant Oil Flow	10.7	gals			
Total Plant Oil Cost	\$21.22	\$			
Total Plant Fuel Cost	\$144,182.89	\$			
Fuel Cost Per Heating Degree Day	\$861.20	\$/hdd			
Plant Average Steam Cost Per Degree Day	\$0.07	\$/klbs			
Total Plant Efficiency By I/O	90.1	%			
Condensate Transfer Pump #1 Run Time	1.3	hrs			
Condensate Transfer Pump #2 Run Time	379.2	hrs			
Condensate Transfer Pump #3 Run Time	362.3	hrs			
Boiler Feed Pump #1 Run Time	175.7	hrs			
Boiler Feed Pump #2 Run Time	314.0	hrs			
Boiler Feed Pump #3 Run Time	209.2	hrs			
Boiler Feed Pump #4 Run Time	44.2	hrs			
Fuel Oil Pump #1 Run Time	0.0	hrs			
Fuel Oil Pump #2 Run Time	0.2	hrs			
	Boiler 1	Boiler 2	Boiler 3	Boiler 4	Units
Run Time	173.5	199.3	221.4	182.7	hrs
Steam Flow	2297.21	3143.11	3864.71	2679.27	klbs
Gas Flow	2547.46	3562.35	3749.23	3171.27	kscf
Natural Gas Cost	\$28,183.84	\$39,412.44	\$41,480.09	\$35,085.30	\$
Oil Flow	0.0	0.0	8.7	2.0	gals
Oil Cost	\$0.00	\$0.00	\$17.26	\$3.96	\$
Total Fuel Cost	\$28,183.84	\$39,412.44	\$41,497.35	\$35,089.26	\$
Average Steam Cost	\$12.27	\$12.54	\$10.74	\$13.10	\$/klbs
Efficiency By Losses	82.3	81.7	82.0	82.7	%
Efficiency By I/O	88.3	86.4	100.9	82.7	%