

# Southside Virginia Training Center

## Heating Plant Month Operations Report

3/31/2006  
11:59 PM  
Monthly Report

### Description

	Plant	Units			
Heating Degree Days	568.28	hdd			
Total Plant Steam Flow	17,562.58	klbs			
Steam Flow Per Heating Degree Day	30.9	klbs/hdd			
Total Condensate Return Water Flow	10,038.4	klbs			
Total Plant Gas Flow	20,353.62	kscf			
Total Plant Gas Cost	\$225,182.63	\$			
Total Plant Oil Flow	0.0	gals			
Total Plant Oil Cost	\$0.00	\$			
Total Plant Fuel Cost	\$225,182.63	\$			
Fuel Cost Per Heating Degree Day	\$396.25	\$/hdd			
Plant Average Steam Cost Per Degree Day	\$0.02	\$/klbs			
Total Plant Efficiency By I/O	84.5	%			
Condensate Transfer Pump #1 Run Time	329.5	hrs			
Condensate Transfer Pump #2 Run Time	318.6	hrs			
Condensate Transfer Pump #3 Run Time	91.4	hrs			
Boiler Feed Pump #1 Run Time	302.3	hrs			
Boiler Feed Pump #2 Run Time	315.8	hrs			
Boiler Feed Pump #3 Run Time	169.8	hrs			
Boiler Feed Pump #4 Run Time	173.7	hrs			
Fuel Oil Pump #1 Run Time	0.9	hrs			
Fuel Oil Pump #2 Run Time	0.1	hrs			
	Boiler 1	Boiler 2	Boiler 3	Boiler 4	Units
Run Time	473.4	520.3	41.8	194.5	hrs
Steam Flow	5752.86	9077.50	347.30	2384.92	klbs
Gas Flow	6576.80	10470.12	429.94	2876.76	kscf
Natural Gas Cost	\$72,762.32	\$115,836.38	\$4,757.02	\$31,826.91	\$
Oil Flow	0.0	0.0	0.0	0.0	gals
Oil Cost	\$0.00	\$0.00	\$0.00	\$0.00	\$
Total Fuel Cost	\$72,762.32	\$115,836.38	\$4,757.02	\$31,826.91	\$
Average Steam Cost	\$12.65	\$12.76	\$13.70	\$13.35	\$/klbs
Efficiency By Losses	80.6	81.8	82.1	82.8	%
Efficiency By I/O	85.7	84.9	79.1	81.2	%