

# Southside Virginia Training Center

## Heating Plant Month Operations Report

5/31/2012  
11:59 PM  
Monthly Report

### Description

	Plant	Units			
Heating Degree Days	352.86	hdd			
Total Plant Steam Flow	4,773.65	klbs			
Steam Flow Per Heating Degree Day	33.1	klbs/hdd			
Total Condensate Return Water Flow	395.0	klbs			
Total Plant Gas Flow	6,107.98	kscf			
Total Plant Gas Cost	\$42,157.02	\$			
Total Plant Oil Flow	0.0	gals			
Total Plant Oil Cost	\$0.00	\$			
Total Plant Fuel Cost	\$42,157.02	\$			
Fuel Cost Per Heating Degree Day	\$281.76	\$/hdd			
Plant Average Steam Cost Per Degree Day	\$0.02	\$/klbs			
Total Plant Efficiency By I/O	79.3	%			
Condensate Transfer Pump #1 Run Time	170.1	hrs			
Condensate Transfer Pump #2 Run Time	328.9	hrs			
Condensate Transfer Pump #3 Run Time	234.9	hrs			
Boiler Feed Pump #1 Run Time	198.1	hrs			
Boiler Feed Pump #2 Run Time	194.3	hrs			
Boiler Feed Pump #3 Run Time	167.9	hrs			
Boiler Feed Pump #4 Run Time	173.7	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	174.0	174.0	169.8	191.5	hrs
Steam Flow	1151.16	1412.99	961.33	1248.17	klbs
Gas Flow	1477.78	1890.79	1158.06	1581.35	kscf
Natural Gas Cost	\$10,199.54	\$13,050.18	\$7,992.90	\$10,914.39	\$
Oil Flow	0.0	0.0	0.0	0.0	gals
Oil Cost	\$0.00	\$0.00	\$0.00	\$0.00	\$
Total Fuel Cost	\$10,199.54	\$13,050.18	\$7,992.90	\$10,914.39	\$
Average Steam Cost	\$8.31	\$9.06	\$8.18	\$8.74	\$/klbs
Efficiency By Losses	83.2	78.3	83.0	82.2	%
Efficiency By I/O	81.4	74.6	82.6	77.3	%