

# Southside Virginia Training Center

## Heating Plant Month Operations Report

5/31/2013  
11:59 PM  
Monthly Report

### Description

	Plant	Units			
Heating Degree Days	140.43	hdd			
Total Plant Steam Flow	5,423.55	klbs			
Steam Flow Per Heating Degree Day	38.6	klbs/hdd			
Total Condensate Return Water Flow	264.4	klbs			
Total Plant Gas Flow	6,626.78	kscf			
Total Plant Gas Cost	\$45,738.15	\$			
Total Plant Oil Flow	0.0	gals			
Total Plant Oil Cost	\$0.00	\$			
Total Plant Fuel Cost	\$45,738.15	\$			
Fuel Cost Per Heating Degree Day	\$325.70	\$/hdd			
Plant Average Steam Cost Per Degree Day	\$0.06	\$/klbs			
Total Plant Efficiency By I/O	80.1	%			
Condensate Transfer Pump #1 Run Time	331.6	hrs			
Condensate Transfer Pump #2 Run Time	167.5	hrs			
Condensate Transfer Pump #3 Run Time	221.0	hrs			
Boiler Feed Pump #1 Run Time	168.8	hrs			
Boiler Feed Pump #2 Run Time	172.9	hrs			
Boiler Feed Pump #3 Run Time	163.4	hrs			
Boiler Feed Pump #4 Run Time	214.8	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	195.2	170.2	168.2	202.2	hrs
Steam Flow	1611.65	1251.68	1085.19	1475.03	klbs
Gas Flow	1907.69	1638.55	1295.56	1784.98	kscf
Natural Gas Cost	\$13,166.86	\$11,309.26	\$8,941.97	\$12,320.06	\$
Oil Flow	0.0	0.0	0.0	0.0	gals
Oil Cost	\$0.00	\$0.00	\$0.00	\$0.00	\$
Total Fuel Cost	\$13,166.86	\$11,309.26	\$8,941.97	\$12,320.06	\$
Average Steam Cost	\$8.17	\$9.04	\$8.24	\$8.35	\$/klbs
Efficiency By Losses	83.4	79.1	83.1	82.3	%
Efficiency By I/O	82.7	74.8	82.0	80.9	%