

# Southside Virginia Training Center

## Heating Plant Month Operations Report

4/30/2013  
11:59 PM  
Monthly Report

### Description

	Plant	Units			
Heating Degree Days	377.90	hdd			
Total Plant Steam Flow	6,794.46	klbs			
Steam Flow Per Heating Degree Day	23.8	klbs/hdd			
Total Condensate Return Water Flow	296.8	klbs			
Total Plant Gas Flow	8,103.95	kscf			
Total Plant Gas Cost	\$55,933.70	\$			
Total Plant Oil Flow	0.0	gals			
Total Plant Oil Cost	\$0.00	\$			
Total Plant Fuel Cost	\$55,933.70	\$			
Fuel Cost Per Heating Degree Day	\$195.18	\$/hdd			
Plant Average Steam Cost Per Degree Day	\$0.03	\$/klbs			
Total Plant Efficiency By I/O	82.5	%			
Condensate Transfer Pump #1 Run Time	167.5	hrs			
Condensate Transfer Pump #2 Run Time	343.6	hrs			
Condensate Transfer Pump #3 Run Time	280.3	hrs			
Boiler Feed Pump #1 Run Time	177.6	hrs			
Boiler Feed Pump #2 Run Time	172.8	hrs			
Boiler Feed Pump #3 Run Time	167.9	hrs			
Boiler Feed Pump #4 Run Time	273.0	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	180.1	170.0	216.5	134.9	hrs
Steam Flow	1886.48	1264.60	2467.76	1175.62	klbs
Gas Flow	2185.36	1662.05	2833.99	1422.55	kscf
Natural Gas Cost	\$15,083.47	\$11,471.51	\$19,560.25	\$9,818.47	\$
Oil Flow	0.0	0.0	0.0	0.0	gals
Oil Cost	\$0.00	\$0.00	\$0.00	\$0.00	\$
Total Fuel Cost	\$15,083.47	\$11,471.51	\$19,560.25	\$9,818.47	\$
Average Steam Cost	\$8.00	\$9.07	\$7.92	\$8.35	\$/klbs
Efficiency By Losses	83.3	78.7	82.9	82.0	%
Efficiency By I/O	84.5	74.5	85.3	80.9	%