

# Southside Virginia Training Center

## Heating Plant Month Operations Report

3/31/2009  
 11:59 PM  
 Monthly Report

### Description

	Plant				Units
Heating Degree Days	599.29				hdd
Total Plant Steam Flow	10,079.44				klbs
Steam Flow Per Heating Degree Day	15.5				klbs/hdd
Total Condensate Return Water Flow	121.4				klbs
Total Plant Gas Flow	11,497.31				kscf
Total Plant Gas Cost	\$127,200.96				\$
Total Plant Oil Flow	0.0				gals
Total Plant Oil Cost	\$0.00				\$
Total Plant Fuel Cost	\$127,200.96				\$
Fuel Cost Per Heating Degree Day	\$195.20				\$/hdd
Plant Average Steam Cost Per Degree Day	\$0.02				\$/klbs
Total Plant Efficiency By I/O	84.2				%
Condensate Transfer Pump #1 Run Time	177.5				hrs
Condensate Transfer Pump #2 Run Time	357.4				hrs
Condensate Transfer Pump #3 Run Time	207.9				hrs
Boiler Feed Pump #1 Run Time	204.9				hrs
Boiler Feed Pump #2 Run Time	188.4				hrs
Boiler Feed Pump #3 Run Time	174.5				hrs
Boiler Feed Pump #4 Run Time	175.0				hrs
Fuel Oil Pump #1 Run Time	15.8				hrs
Fuel Oil Pump #2 Run Time	6.5				hrs
	<b>Boiler 1</b>	<b>Boiler 2</b>	<b>Boiler 3</b>	<b>Boiler 4</b>	<b>Units</b>
Run Time	244.5	172.5	172.8	172.6	hrs
Steam Flow	3545.95	2090.82	2398.11	2044.59	klbs
Gas Flow	3916.74	2382.63	2738.49	2459.45	kscf
Natural Gas Cost	\$43,333.04	\$26,360.05	\$30,297.39	\$27,209.92	\$
Oil Flow	0.0	0.0	0.0	0.0	gals
Oil Cost	\$0.00	\$0.00	\$0.00	\$0.00	\$
Total Fuel Cost	\$43,333.04	\$26,360.05	\$30,297.39	\$27,209.92	\$
Average Steam Cost	\$12.20	\$12.57	\$12.60	\$13.34	\$/klbs
Efficiency By Losses	82.5	82.3	81.9	81.8	%
Efficiency By I/O	88.8	86.2	86.0	81.2	%