

# Southside Virginia Training Center

## Heating Plant Month Operations Report

4/30/2010  
11:59 PM  
Monthly Report

### Description

	Plant	Units			
Heating Degree Days	221.40	hdd			
Total Plant Steam Flow	5,913.92	klbs			
Steam Flow Per Heating Degree Day	26.7	klbs/hdd			
Total Condensate Return Water Flow	152.7	klbs			
Total Plant Gas Flow	6,853.54	kscf			
Total Plant Gas Cost	\$75,824.36	\$			
Total Plant Oil Flow	0.0	gals			
Total Plant Oil Cost	\$0.00	\$			
Total Plant Fuel Cost	\$75,824.36	\$			
Fuel Cost Per Heating Degree Day	\$342.48	\$/hdd			
Plant Average Steam Cost Per Degree Day	\$0.06	\$/klbs			
Total Plant Efficiency By I/O	84.5	%			
Condensate Transfer Pump #1 Run Time	282.0	hrs			
Condensate Transfer Pump #2 Run Time	270.2	hrs			
Condensate Transfer Pump #3 Run Time	167.7	hrs			
Boiler Feed Pump #1 Run Time	175.6	hrs			
Boiler Feed Pump #2 Run Time	129.3	hrs			
Boiler Feed Pump #3 Run Time	239.6	hrs			
Boiler Feed Pump #4 Run Time	175.5	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	213.6	330.6	176.6	9.4	hrs
Steam Flow	1861.17	2571.61	1463.48	17.66	klbs
Gas Flow	2119.78	2971.01	1698.63	64.12	kscf
Natural Gas Cost	\$23,452.21	\$32,869.75	\$18,792.94	\$709.46	\$
Oil Flow	0.0	0.0	0.0	0.0	gals
Oil Cost	\$0.00	\$0.00	\$0.00	\$0.00	\$
Total Fuel Cost	\$23,452.21	\$32,869.75	\$18,792.94	\$709.46	\$
Average Steam Cost	\$12.60	\$12.78	\$12.84	\$40.17	\$/klbs
Efficiency By Losses	81.9	79.9	82.3	82.7	%
Efficiency By I/O	86.0	84.8	84.4	27.0	%