

# Southside Virginia Training Center

## Heating Plant Month Operations Report

2/28/2011  
11:59 PM  
Monthly Report

### Description

	Plant	Units			
Heating Degree Days	626.72	hdd			
Total Plant Steam Flow	9,712.99	klbs			
Steam Flow Per Heating Degree Day	15.5	klbs/hdd			
Total Condensate Return Water Flow	117.5	klbs			
Total Plant Gas Flow	11,339.75	kscf			
Total Plant Gas Cost	\$78,267.07	\$			
Total Plant Oil Flow	0.0	gals			
Total Plant Oil Cost	\$0.00	\$			
Total Plant Fuel Cost	\$78,267.07	\$			
Fuel Cost Per Heating Degree Day	\$124.88	\$/hdd			
Plant Average Steam Cost Per Degree Day	\$0.01	\$/klbs			
Total Plant Efficiency By I/O	83.9	%			
Condensate Transfer Pump #1 Run Time	190.6	hrs			
Condensate Transfer Pump #2 Run Time	232.2	hrs			
Condensate Transfer Pump #3 Run Time	259.5	hrs			
Boiler Feed Pump #1 Run Time	165.0	hrs			
Boiler Feed Pump #2 Run Time	168.7	hrs			
Boiler Feed Pump #3 Run Time	165.1	hrs			
Boiler Feed Pump #4 Run Time	173.1	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	175.3	169.8	172.1	170.5	hrs
Steam Flow	2290.78	2744.24	2421.04	2256.93	klbs
Gas Flow	2588.46	3216.12	2827.50	2707.67	kscf
Natural Gas Cost	\$17,865.56	\$22,197.57	\$19,515.44	\$18,688.50	\$
Oil Flow	0.0	0.0	0.0	0.0	gals
Oil Cost	\$0.00	\$0.00	\$0.00	\$0.00	\$
Total Fuel Cost	\$17,865.56	\$22,197.57	\$19,515.44	\$18,688.50	\$
Average Steam Cost	\$7.80	\$8.09	\$8.06	\$8.28	\$/klbs
Efficiency By Losses	83.1	78.8	82.1	81.9	%
Efficiency By I/O	86.7	83.6	83.9	81.6	%