

# Southside Virginia Training Center

## Heating Plant Month Operations Report

1/31/2011  
11:59 PM  
Monthly Report

### Description

	Plant	Units			
Heating Degree Days	1,006.27	hdd			
Total Plant Steam Flow	12,724.53	klbs			
Steam Flow Per Heating Degree Day	12.6	klbs/hdd			
Total Condensate Return Water Flow	113.2	klbs			
Total Plant Gas Flow	15,022.31	kscf			
Total Plant Gas Cost	\$103,684.25	\$			
Total Plant Oil Flow	0.0	gals			
Total Plant Oil Cost	\$0.00	\$			
Total Plant Fuel Cost	\$103,684.25	\$			
Fuel Cost Per Heating Degree Day	\$103.04	\$/hdd			
Plant Average Steam Cost Per Degree Day	\$0.01	\$/klbs			
Total Plant Efficiency By I/O	83.0	%			
Condensate Transfer Pump #1 Run Time	311.8	hrs			
Condensate Transfer Pump #2 Run Time	271.8	hrs			
Condensate Transfer Pump #3 Run Time	173.6	hrs			
Boiler Feed Pump #1 Run Time	251.2	hrs			
Boiler Feed Pump #2 Run Time	144.5	hrs			
Boiler Feed Pump #3 Run Time	174.0	hrs			
Boiler Feed Pump #4 Run Time	174.5	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	245.9	172.2	174.2	172.8	hrs
Steam Flow	3892.07	3070.25	2787.48	2974.73	klbs
Gas Flow	4296.18	3741.53	3280.79	3703.81	kscf
Natural Gas Cost	\$29,652.36	\$25,824.05	\$22,644.10	\$25,563.74	\$
Oil Flow	0.0	0.0	0.0	0.0	gals
Oil Cost	\$0.00	\$0.00	\$0.00	\$0.00	\$
Total Fuel Cost	\$29,652.36	\$25,824.05	\$22,644.10	\$25,563.74	\$
Average Steam Cost	\$7.62	\$8.41	\$8.12	\$8.59	\$/klbs
Efficiency By Losses	83.2	79.0	82.1	82.0	%
Efficiency By I/O	88.7	80.4	83.2	78.7	%