

# Southside Virginia Training Center

## Heating Plant Month Operations Report

2/29/2008  
 11:59 PM  
 Monthly Report

### Description

	<b>Plant</b>				<b>Units</b>
Heating Degree Days	679.22				hdd
Total Plant Steam Flow	10,629.87				klbs
Steam Flow Per Heating Degree Day	15.7				klbs/hdd
Total Condensate Return Water Flow	0.0				klbs
Total Plant Gas Flow	12,283.80				kscf
Total Plant Gas Cost	\$135,902.27				\$
Total Plant Oil Flow	0.0				gals
Total Plant Oil Cost	\$0.00				\$
Total Plant Fuel Cost	\$135,902.27				\$
Fuel Cost Per Heating Degree Day	\$200.09				\$/hdd
Plant Average Steam Cost Per Degree Day	\$0.02				\$/klbs
Total Plant Efficiency By I/O	84.7				%
Condensate Transfer Pump #1 Run Time	334.0				hrs
Condensate Transfer Pump #2 Run Time	273.3				hrs
Condensate Transfer Pump #3 Run Time	87.8				hrs
Boiler Feed Pump #1 Run Time	216.4				hrs
Boiler Feed Pump #2 Run Time	302.8				hrs
Boiler Feed Pump #3 Run Time	175.7				hrs
Boiler Feed Pump #4 Run Time	0.0				hrs
Fuel Oil Pump #1 Run Time	0.0				hrs
Fuel Oil Pump #2 Run Time	0.0				hrs
	<b>Boiler 1</b>	<b>Boiler 2</b>	<b>Boiler 3</b>	<b>Boiler 4</b>	<b>Units</b>
Run Time	171.8	174.9	179.9	200.5	hrs
Steam Flow	2499.36	2790.18	2315.58	3024.75	klbs
Gas Flow	2847.94	3187.56	2629.67	3618.63	kscf
Natural Gas Cost	\$31,508.22	\$35,265.29	\$29,093.52	\$40,035.24	\$
Oil Flow	0.0	0.0	0.0	0.0	gals
Oil Cost	\$0.00	\$0.00	\$0.00	\$0.00	\$
Total Fuel Cost	\$31,508.22	\$35,265.29	\$29,093.52	\$40,035.24	\$
Average Steam Cost	\$12.61	\$12.64	\$12.56	\$13.24	\$/klbs
Efficiency By Losses	82.8	81.9	81.9	82.3	%
Efficiency By I/O	85.9	85.7	86.2	81.9	%