

# Southside Virginia Training Center

## Heating Plant Month Operations Report

12/31/2009  
 11:59 PM  
 Monthly Report

### Description

	Plant				Units
Heating Degree Days	845.05				hdd
Total Plant Steam Flow	11,328.44				klbs
Steam Flow Per Heating Degree Day	14.2				klbs/hdd
Total Condensate Return Water Flow	129.2				klbs
Total Plant Gas Flow	13,007.30				kscf
Total Plant Gas Cost	\$143,873.28				\$
Total Plant Oil Flow	0.0				gals
Total Plant Oil Cost	\$0.00				\$
Total Plant Fuel Cost	\$143,873.28				\$
Fuel Cost Per Heating Degree Day	\$181.44				\$/hdd
Plant Average Steam Cost Per Degree Day	\$0.01				\$/klbs
Total Plant Efficiency By I/O	85.0				%
Condensate Transfer Pump #1 Run Time	132.0				hrs
Condensate Transfer Pump #2 Run Time	269.9				hrs
Condensate Transfer Pump #3 Run Time	335.6				hrs
Boiler Feed Pump #1 Run Time	326.0				hrs
Boiler Feed Pump #2 Run Time	236.6				hrs
Boiler Feed Pump #3 Run Time	102.2				hrs
Boiler Feed Pump #4 Run Time	73.6				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	171.3	167.2	240.4	170.5	hrs
Steam Flow	2802.82	2565.24	3458.02	2501.03	klbs
Gas Flow	3050.81	2957.87	4015.37	2970.80	kscf
Natural Gas Cost	\$33,752.11	\$32,724.37	\$44,528.65	\$32,867.39	\$
Oil Flow	0.0	0.0	0.0	0.0	gals
Oil Cost	\$0.00	\$0.00	\$0.00	\$0.00	\$
Total Fuel Cost	\$33,752.11	\$32,724.37	\$44,528.65	\$32,867.39	\$
Average Steam Cost	\$12.22	\$12.70	\$12.90	\$13.17	\$/klbs
Efficiency By Losses	83.1	81.6	82.0	82.1	%
Efficiency By I/O	88.7	85.3	84.0	82.3	%