

# Southside Virginia Training Center

## Heating Plant Year Operations Report

12/31/2007  
 11:59 PM  
 Yearly Report

### Description

	Plant				Units
Heating Degree Days	4,058.08				hdd
Total Plant Steam Flow	106,473.90				klbs
Steam Flow Per Heating Degree Day	26.2				klbs/hdd
Total Condensate Return Water Flow	0.1				klbs
Total Plant Gas Flow	122,469.80				kscf
Total Plant Gas Cost	\$1,354,946.56				\$
Total Plant Oil Flow	9,622.7				gals
Total Plant Oil Cost	\$19,072.12				\$
Total Plant Fuel Cost	\$1,374,018.68				\$
Fuel Cost Per Heating Degree Day	\$338.59				\$/hdd
Plant Average Steam Cost Per Degree Day	\$0.00				\$/klbs
Total Plant Efficiency By I/O	84.2				%
Condensate Transfer Pump #1 Run Time	2,264.8				hrs
Condensate Transfer Pump #2 Run Time	3,386.0				hrs
Condensate Transfer Pump #3 Run Time	3,043.3				hrs
Boiler Feed Pump #1 Run Time	2,409.8				hrs
Boiler Feed Pump #2 Run Time	2,288.0				hrs
Boiler Feed Pump #3 Run Time	1,835.1				hrs
Boiler Feed Pump #4 Run Time	2,185.5				hrs
Fuel Oil Pump #1 Run Time	13.0				hrs
Fuel Oil Pump #2 Run Time	80.1				hrs
	<b>Boiler 1</b>	<b>Boiler 2</b>	<b>Boiler 3</b>	<b>Boiler 4</b>	<b>Units</b>
Run Time	2759.5	2051.6	1814.5	2852.2	hrs
Steam Flow	28978.05	23385.13	25872.33	28238.39	klbs
Gas Flow	33650.77	28101.79	26538.80	34178.44	kscf
Natural Gas Cost	\$372,293.83	\$310,905.35	\$293,615.95	\$378,131.43	\$
Oil Flow	0.2	0.2	9618.2	4.1	gals
Oil Cost	\$0.38	\$0.38	\$19,063.22	\$8.14	\$
Total Fuel Cost	\$372,294.21	\$310,905.73	\$312,679.17	\$378,139.57	\$
Average Steam Cost	\$12.85	\$13.30	\$12.09	\$13.39	\$/klbs
Efficiency By Losses	82.1	81.9	82.3	82.5	%
Efficiency By I/O	84.3	81.5	90.9	80.9	%