

# Southside Virginia Training Center

## Heating Plant Month Operations Report

4/30/2006  
 11:59 PM  
 Monthly Report

### Description

	Plant				Units
Heating Degree Days	245.21				hdd
Total Plant Steam Flow	12,975.54				klbs
Steam Flow Per Heating Degree Day	52.9				klbs/hdd
Total Condensate Return Water Flow	7,448.7				klbs
Total Plant Gas Flow	14,509.09				kscf
Total Plant Gas Cost	\$160,521.62				\$
Total Plant Oil Flow	0.3				gals
Total Plant Oil Cost	\$0.64				\$
Total Plant Fuel Cost	\$160,522.26				\$
Fuel Cost Per Heating Degree Day	\$654.63				\$/hdd
Plant Average Steam Cost Per Degree Day	\$0.05				\$/klbs
Total Plant Efficiency By I/O	87.6				%
Condensate Transfer Pump #1 Run Time	0.3				hrs
Condensate Transfer Pump #2 Run Time	355.4				hrs
Condensate Transfer Pump #3 Run Time	360.0				hrs
Boiler Feed Pump #1 Run Time	241.1				hrs
Boiler Feed Pump #2 Run Time	127.2				hrs
Boiler Feed Pump #3 Run Time	169.3				hrs
Boiler Feed Pump #4 Run Time	178.0				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	1.3	253.4	308.5	231.2	hrs
Steam Flow	0.03	4177.55	5503.19	3294.77	klbs
Gas Flow	8.73	4729.92	5889.57	3880.87	kscf
Natural Gas Cost	\$96.57	\$52,329.64	\$65,159.57	\$42,935.84	\$
Oil Flow	0.1	0.1	0.1	0.1	gals
Oil Cost	\$0.16	\$0.16	\$0.16	\$0.16	\$
Total Fuel Cost	\$96.73	\$52,329.80	\$65,159.73	\$42,936.00	\$
Average Steam Cost	\$3,224.33	\$12.53	\$11.84	\$13.03	\$/klbs
Efficiency By Losses	83.8	81.8	82.1	82.7	%
Efficiency By I/O	0.3	86.5	91.5	83.1	%