

# Southside Virginia Training Center

## Heating Plant Month Operations Report

3/31/2008  
 11:59 PM  
 Monthly Report

### Description

	Plant				Units
Heating Degree Days	464.90				hdd
Total Plant Steam Flow	9,447.96				klbs
Steam Flow Per Heating Degree Day	18.9				klbs/hdd
Total Condensate Return Water Flow	0.0				klbs
Total Plant Gas Flow	10,799.52				kscf
Total Plant Gas Cost	\$119,480.20				\$
Total Plant Oil Flow	0.3				gals
Total Plant Oil Cost	\$0.64				\$
Total Plant Fuel Cost	\$119,480.20				\$
Fuel Cost Per Heating Degree Day	\$239.57				\$/hdd
Plant Average Steam Cost Per Degree Day	\$0.03				\$/klbs
Total Plant Efficiency By I/O	85.6				%
Condensate Transfer Pump #1 Run Time	370.6				hrs
Condensate Transfer Pump #2 Run Time	25.5				hrs
Condensate Transfer Pump #3 Run Time	298.8				hrs
Boiler Feed Pump #1 Run Time	464.3				hrs
Boiler Feed Pump #2 Run Time	22.4				hrs
Boiler Feed Pump #3 Run Time	208.4				hrs
Boiler Feed Pump #4 Run Time	0.0				hrs
Fuel Oil Pump #1 Run Time	0.1				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	192.7	163.1	228.2	171.9	hrs
Steam Flow	2465.27	1972.30	2961.24	2031.15	klbs
Gas Flow	2802.69	2219.29	3325.53	2419.43	kscf
Natural Gas Cost	\$31,007.69	\$24,552.95	\$36,792.05	\$26,767.09	\$
Oil Flow	0.1	0.1	0.1	0.1	gals
Oil Cost	\$0.16	\$0.16	\$0.16	\$0.16	\$
Total Fuel Cost	\$31,007.85	\$24,552.95	\$36,792.21	\$26,767.25	\$
Average Steam Cost	\$12.58	\$12.52	\$12.42	\$13.18	\$/klbs
Efficiency By Losses	82.5	82.3	81.9	82.1	%
Efficiency By I/O	86.1	86.5	87.2	82.2	%