

# Southside Virginia Training Center

## Heating Plant Month Operations Report

3/31/2012  
 11:59 PM  
 Monthly Report

**Description**

	<b>Plant</b>				<b>Units</b>
Heating Degree Days	669.98				hdd
Total Plant Steam Flow	7,508.49				klbs
Steam Flow Per Heating Degree Day	17.6				klbs/hdd
Total Condensate Return Water Flow	168.9				klbs
Total Plant Gas Flow	9,089.04				kscf
Total Plant Gas Cost	\$62,732.75				\$
Total Plant Oil Flow	0.3				gals
Total Plant Oil Cost	\$0.00				\$
Total Plant Fuel Cost	\$62,732.75				\$
Fuel Cost Per Heating Degree Day	\$118.67				\$/hdd
Plant Average Steam Cost Per Degree Day	\$0.01				\$/klbs
Total Plant Efficiency By I/O	82.4				%
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Condensate Transfer Pump #1 Run Time	358.3				hrs
Condensate Transfer Pump #2 Run Time	240.6				hrs
Condensate Transfer Pump #3 Run Time	141.4				hrs
Boiler Feed Pump #1 Run Time	89.8				hrs
Boiler Feed Pump #2 Run Time	166.4				hrs
Boiler Feed Pump #3 Run Time	205.7				hrs
Boiler Feed Pump #4 Run Time	275.2				hrs
Fuel Oil Pump #1 Run Time	0.0				hrs
Fuel Oil Pump #2 Run Time	0.0				hrs
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	<b>Boiler 1</b>	<b>Boiler 2</b>	<b>Boiler 3</b>	<b>Boiler 4</b>	<b>Units</b>
Run Time	172.8	282.1	282.1	0.0	hrs
Steam Flow	1472.97	2870.63	3164.90	0.00	klbs
Gas Flow	1765.75	3659.65	3663.61	0.03	kscf
Natural Gas Cost	\$12,187.19	\$25,258.93	\$25,286.42	\$0.21	\$
Oil Flow	0.0	0.0	0.0	0.0	gals
Oil Cost	\$0.00	\$0.00	\$0.00	\$0.00	\$
Total Fuel Cost	\$12,187.19	\$25,258.93	\$25,286.42	\$0.00	\$
Average Steam Cost	\$7.85	\$8.73	\$7.98	---	\$/klbs
Efficiency By Losses	83.2	78.0	82.7	---	%
Efficiency By I/O	86.1	77.4	84.7	0.0	%