

# Southside Virginia Training Center

## Heating Plant Month Operations Report

12/31/2010  
 11:59 PM  
 Monthly Report

**Description**

	<b>Plant</b>				<b>Units</b>
Heating Degree Days	1,078.64				hdd
Total Plant Steam Flow	12,863.92				klbs
Steam Flow Per Heating Degree Day	11.9				klbs/hdd
Total Condensate Return Water Flow	113.3				klbs
Total Plant Gas Flow	15,111.92				kscf
Total Plant Gas Cost	\$104,302.48				\$
Total Plant Oil Flow	134.5				gals
Total Plant Oil Cost	\$543.38				\$
Total Plant Fuel Cost	\$104,845.86				\$
Fuel Cost Per Heating Degree Day	\$97.20				\$/hdd
Plant Average Steam Cost Per Degree Day	\$0.01				\$/klbs
Total Plant Efficiency By I/O	83.3				%
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Condensate Transfer Pump #1 Run Time	239.7				hrs
Condensate Transfer Pump #2 Run Time	171.9				hrs
Condensate Transfer Pump #3 Run Time	337.4				hrs
Boiler Feed Pump #1 Run Time	203.1				hrs
Boiler Feed Pump #2 Run Time	167.7				hrs
Boiler Feed Pump #3 Run Time	196.7				hrs
Boiler Feed Pump #4 Run Time	177.1				hrs
Fuel Oil Pump #1 Run Time	0.0				hrs
Fuel Oil Pump #2 Run Time	1.8				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	199.4	172.2	182.6	230.0	hrs
Steam Flow	3221.87	2842.55	3071.63	3727.87	klbs
Gas Flow	3493.91	3445.83	3687.61	4484.57	kscf
Natural Gas Cost	\$24,115.06	\$23,783.10	\$25,451.82	\$30,952.50	\$
Oil Flow	0.0	134.5	0.0	0.0	gals
Oil Cost	\$0.00	\$543.38	\$0.00	\$0.00	\$
Total Fuel Cost	\$24,115.06	\$24,326.48	\$25,451.82	\$30,952.50	\$
Average Steam Cost	\$7.48	\$8.56	\$8.29	\$8.30	\$/klbs
Efficiency By Losses	83.2	79.0	82.2	81.9	%
Efficiency By I/O	90.3	80.4	81.6	81.4	%