

# Southside Virginia Training Center

## Heating Plant Month Operations Report

7/31/2013  
 11:59 PM  
 Monthly Report

**Description**

	<b>Plant</b>				<b>Units</b>
Heating Degree Days	1.17				hdd
Total Plant Steam Flow	3,868.27				klbs
Steam Flow Per Heating Degree Day	3,196.1				klbs/hdd
Total Condensate Return Water Flow	273.1				klbs
Total Plant Gas Flow	5,151.35				kscf
Total Plant Gas Cost	\$35,554.96				\$
Total Plant Oil Flow	0.0				gals
Total Plant Oil Cost	\$0.00				\$
Total Plant Fuel Cost	\$35,554.96				\$
Fuel Cost Per Heating Degree Day	\$293.73				\$/hdd
Plant Average Steam Cost Per Degree Day	\$7.84				\$/klbs
Total Plant Efficiency By I/O	73.7				%
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Condensate Transfer Pump #1 Run Time	231.9				hrs
Condensate Transfer Pump #2 Run Time	343.1				hrs
Condensate Transfer Pump #3 Run Time	169.0				hrs
Boiler Feed Pump #1 Run Time	176.5				hrs
Boiler Feed Pump #2 Run Time	187.6				hrs
Boiler Feed Pump #3 Run Time	171.0				hrs
Boiler Feed Pump #4 Run Time	210.0				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	248.3	138.8	169.7	196.3	hrs
Steam Flow	1452.29	709.22	851.52	851.99	klbs
Gas Flow	2005.93	972.64	1051.76	1107.77	kscf
Natural Gas Cost	\$13,844.95	\$6,713.28	\$7,259.38	\$7,645.87	\$
Oil Flow	0.0	0.0	0.0	0.0	gals
Oil Cost	\$0.00	\$0.00	\$0.00	\$0.00	\$
Total Fuel Cost	\$13,844.95	\$6,713.28	\$7,259.38	\$7,645.87	\$
Average Steam Cost	\$9.55	\$9.47	\$8.53	\$8.97	\$/klbs
Efficiency By Losses	82.8	79.6	81.5	82.6	%
Efficiency By I/O	70.8	71.4	79.3	75.3	%