

# Southside Virginia Training Center

## Heating Plant Month Operations Report

8/31/2013  
 11:59 PM  
 Monthly Report

### Description

	<b>Plant</b>				<b>Units</b>
Heating Degree Days	18.81				hdd
Total Plant Steam Flow	3,976.69				klbs
Steam Flow Per Heating Degree Day	211.4				klbs/hdd
Total Condensate Return Water Flow	287.7				klbs
Total Plant Gas Flow	5,319.94				kscf
Total Plant Gas Cost	\$36,718.41				\$
Total Plant Oil Flow	0.0				gals
Total Plant Oil Cost	\$0.00				\$
Total Plant Fuel Cost	\$36,718.41				\$
Fuel Cost Per Heating Degree Day	\$1,952.07				\$/hdd
Plant Average Steam Cost Per Degree Day	\$0.49				\$/klbs
Total Plant Efficiency By I/O	73.2				%
Condensate Transfer Pump #1 Run Time	209.7				hrs
Condensate Transfer Pump #2 Run Time	223.4				hrs
Condensate Transfer Pump #3 Run Time	334.7				hrs
Boiler Feed Pump #1 Run Time	201.8				hrs
Boiler Feed Pump #2 Run Time	164.0				hrs
Boiler Feed Pump #3 Run Time	173.2				hrs
Boiler Feed Pump #4 Run Time	229.0				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	183.8	135.4	276.6	176.9	hrs
Steam Flow	924.07	725.73	1387.89	939.00	klbs
Gas Flow	1327.82	1061.25	1709.15	1221.72	kscf
Natural Gas Cost	\$9,164.72	\$7,324.79	\$11,796.45	\$8,432.45	\$
Oil Flow	0.0	0.0	0.0	0.0	gals
Oil Cost	\$0.00	\$0.00	\$0.00	\$0.00	\$
Total Fuel Cost	\$9,164.72	\$7,324.79	\$11,796.45	\$8,432.45	\$
Average Steam Cost	\$9.92	\$10.09	\$8.50	\$8.98	\$/klbs
Efficiency By Losses	82.7	78.8	81.6	82.6	%
Efficiency By I/O	68.2	67.0	79.5	75.3	%