

# Southside Virginia Training Center

## Heating Plant Month Operations Report

9/30/2013  
11:59 PM  
Monthly Report

### Description

		Plant	Units		
Heating Degree Days		94.50	hdd		
Total Plant Steam Flow		4,177.63	klbs		
Steam Flow Per Heating Degree Day		44.2	klbs/hdd		
Total Condensate Return Water Flow		238.1	klbs		
Total Plant Gas Flow		5,386.01	kscf		
Total Plant Gas Cost		\$37,174.65	\$		
Total Plant Oil Flow		0.0	gals		
Total Plant Oil Cost		\$0.00	\$		
Total Plant Fuel Cost		\$37,174.65	\$		
Fuel Cost Per Heating Degree Day		\$393.38	\$/hdd		
Plant Average Steam Cost Per Degree Day		\$0.09	\$/klbs		
Total Plant Efficiency By I/O		76.0	%		
Condensate Transfer Pump #1 Run Time		291.9	hrs		
Condensate Transfer Pump #2 Run Time		254.6	hrs		
Condensate Transfer Pump #3 Run Time		172.7	hrs		
Boiler Feed Pump #1 Run Time		215.7	hrs		
Boiler Feed Pump #2 Run Time		167.0	hrs		
Boiler Feed Pump #3 Run Time		171.4	hrs		
Boiler Feed Pump #4 Run Time		165.1	hrs		
Fuel Oil Pump #1 Run Time		0.0	hrs		
Fuel Oil Pump #2 Run Time		0.0	hrs		
	Boiler 1	Boiler 2	Boiler 3	Boiler 4	Units
Run Time	167.2	268.9	286.5	11.4	hrs
Steam Flow	930.20	1594.38	1641.60	11.45	klbs
Gas Flow	1255.41	2099.59	1967.93	63.08	kscf
Natural Gas Cost	\$8,664.96	\$14,491.43	\$13,582.85	\$435.41	\$
Oil Flow	0.0	0.0	0.0	0.0	gals
Oil Cost	\$0.00	\$0.00	\$0.00	\$0.00	\$
Total Fuel Cost	\$8,664.96	\$14,491.43	\$13,582.85	\$435.41	\$
Average Steam Cost	\$9.32	\$9.09	\$8.27	\$38.03	\$/klbs
Efficiency By Losses	82.9	78.6	81.8	83.1	%
Efficiency By I/O	72.6	74.4	81.7	17.8	%