

# Southside Virginia Training Center

## Heating Plant Month Operations Report

8/31/2013  
11:59 PM  
Monthly Report

### Description

	Plant	Units			
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			
	Boiler 1	Boiler 2	Boiler 3	Boiler 4	Units
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	%