

# Southside Virginia Training Center

## Heating Plant Month Operations Report

6/30/2012  
11:59 PM  
Monthly Report

### Description

	Plant	Units			
Heating Degree Days	35.26	hdd			
Total Plant Steam Flow	4,098.18	klbs			
Steam Flow Per Heating Degree Day	116.2	klbs/hdd			
Total Condensate Return Water Flow	205.2	klbs			
Total Plant Gas Flow	5,251.10	kscf			
Total Plant Gas Cost	\$36,243.31	\$			
Total Plant Oil Flow	0.0	gals			
Total Plant Oil Cost	\$0.04	\$			
Total Plant Fuel Cost	\$36,243.35	\$			
Fuel Cost Per Heating Degree Day	\$1,027.89	\$/hdd			
Plant Average Steam Cost Per Degree Day	\$0.25	\$/klbs			
Total Plant Efficiency By I/O	76.4	%			
Condensate Transfer Pump #1 Run Time	258.0	hrs			
Condensate Transfer Pump #2 Run Time	167.5	hrs			
Condensate Transfer Pump #3 Run Time	294.0	hrs			
Boiler Feed Pump #1 Run Time	117.5	hrs			
Boiler Feed Pump #2 Run Time	260.4	hrs			
Boiler Feed Pump #3 Run Time	175.3	hrs			
Boiler Feed Pump #4 Run Time	167.9	hrs			
Fuel Oil Pump #1 Run Time	0.1	hrs			
Fuel Oil Pump #2 Run Time	0.0	hrs			
	Boiler 1	Boiler 2	Boiler 3	Boiler 4	Units
Run Time	172.4	167.2	163.5	220.9	hrs
Steam Flow	965.48	993.90	878.08	1260.72	klbs
Gas Flow	1240.98	1331.28	1087.81	1591.03	kscf
Natural Gas Cost	\$8,565.29	\$9,188.55	\$7,508.01	\$10,981.46	\$
Oil Flow	0.0	0.0	0.0	0.0	gals
Oil Cost	\$0.00	\$0.00	\$0.00	\$0.04	\$
Total Fuel Cost	\$8,565.29	\$9,188.55	\$7,508.01	\$10,981.50	\$
Average Steam Cost	\$8.87	\$9.24	\$8.55	\$8.71	\$/klbs
Efficiency By Losses	83.0	77.6	82.9	82.3	%
Efficiency By I/O	76.2	73.1	79.0	77.6	%