

Southside Virginia Training Center

Heating Plant Month Operations Report

4/30/2008
11:59 PM
Monthly Report

Description

	Plant	Units			
Heating Degree Days	325.57	hdd			
Total Plant Steam Flow	8,602.56	klbs			
Steam Flow Per Heating Degree Day	26.4	klbs/hdd			
Total Condensate Return Water Flow	13.8	klbs			
Total Plant Gas Flow	9,930.70	kscf			
Total Plant Gas Cost	\$109,868.32	\$			
Total Plant Oil Flow	0.3	gals			
Total Plant Oil Cost	\$0.64	\$			
Total Plant Fuel Cost	\$109,868.96	\$			
Fuel Cost Per Heating Degree Day	\$337.47	\$/hdd			
Plant Average Steam Cost Per Degree Day	\$0.04	\$/klbs			
Total Plant Efficiency By I/O	84.8	%			
Condensate Transfer Pump #1 Run Time	386.2	hrs			
Condensate Transfer Pump #2 Run Time	15.6	hrs			
Condensate Transfer Pump #3 Run Time	362.5	hrs			
Boiler Feed Pump #1 Run Time	318.3	hrs			
Boiler Feed Pump #2 Run Time	1.5	hrs			
Boiler Feed Pump #3 Run Time	242.6	hrs			
Boiler Feed Pump #4 Run Time	201.7	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	168.8	222.4	192.6	197.0	hrs
Steam Flow	1756.10	2379.74	2267.29	2199.43	klbs
Gas Flow	2009.95	2673.70	2616.25	2630.80	kscf
Natural Gas Cost	\$22,237.17	\$29,580.26	\$28,945.22	\$29,105.67	\$
Oil Flow	0.1	0.1	0.1	0.1	gals
Oil Cost	\$0.16	\$0.16	\$0.16	\$0.16	\$
Total Fuel Cost	\$22,237.33	\$29,580.42	\$28,945.38	\$29,105.83	\$
Average Steam Cost	\$12.66	\$12.43	\$12.77	\$13.23	\$/klbs
Efficiency By Losses	82.2	82.2	81.9	82.0	%
Efficiency By I/O	85.6	87.2	84.9	81.9	%