

Southside Virginia Training Center

Heating Plant Month Operations Report

2/28/2006
11:59 PM
Monthly Report

Description

	Plant	Units			
Heating Degree Days	738.68	hdd			
Total Plant Steam Flow	19,811.54	klbs			
Steam Flow Per Heating Degree Day	26.8	klbs/hdd			
Total Condensate Return Water Flow	9,393.2	klbs			
Total Plant Gas Flow	22,290.73	kscf			
Total Plant Gas Cost	\$246,613.55	\$			
Total Plant Oil Flow	1,998.3	gals			
Total Plant Oil Cost	\$4,247.37	\$			
Total Plant Fuel Cost	\$250,860.92	\$			
Fuel Cost Per Heating Degree Day	\$339.61	\$/hdd			
Plant Average Steam Cost Per Degree Day	\$0.02	\$/klbs			
Total Plant Efficiency By I/O	86.0	%			
Condensate Transfer Pump #1 Run Time	0.2	hrs			
Condensate Transfer Pump #2 Run Time	327.0	hrs			
Condensate Transfer Pump #3 Run Time	343.9	hrs			
Boiler Feed Pump #1 Run Time	243.4	hrs			
Boiler Feed Pump #2 Run Time	339.3	hrs			
Boiler Feed Pump #3 Run Time	354.6	hrs			
Boiler Feed Pump #4 Run Time	301.3	hrs			
Fuel Oil Pump #1 Run Time	9.6	hrs			
Fuel Oil Pump #2 Run Time	7.9	hrs			
	Boiler 1	Boiler 2	Boiler 3	Boiler 4	Units
Run Time	354.7	451.4	3.7	455.7	hrs
Steam Flow	4941.43	8294.81	17.08	6558.22	klbs
Gas Flow	5467.74	9286.82	23.80	7512.37	kscf
Natural Gas Cost	\$60,492.08	\$102,745.04	\$263.44	\$83,112.99	\$
Oil Flow	0.0	1004.1	0.0	994.2	gals
Oil Cost	\$0.00	\$2,135.10	\$0.00	\$2,112.27	\$
Total Fuel Cost	\$60,492.08	\$104,880.14	\$263.44	\$85,225.26	\$
Average Steam Cost	\$12.24	\$12.64	\$15.42	\$13.00	\$/klbs
Efficiency By Losses	81.9	81.8	82.6	82.7	%
Efficiency By I/O	88.5	86.2	70.3	84.0	%