

Southside Virginia Training Center

Heating Plant Month Operations Report

3/31/2008
11:59 PM
Monthly Report

Description

	Plant	Units			
Heating Degree Days	464.90	hdd			
Total Plant Steam Flow	9,447.96	klbs			
Steam Flow Per Heating Degree Day	18.9	klbs/hdd			
Total Condensate Return Water Flow	0.0	klbs			
Total Plant Gas Flow	10,799.52	kscf			
Total Plant Gas Cost	\$119,480.20	\$			
Total Plant Oil Flow	0.3	gals			
Total Plant Oil Cost	\$0.64	\$			
Total Plant Fuel Cost	\$119,480.20	\$			
Fuel Cost Per Heating Degree Day	\$239.57	\$/hdd			
Plant Average Steam Cost Per Degree Day	\$0.03	\$/klbs			
Total Plant Efficiency By I/O	85.6	%			
Condensate Transfer Pump #1 Run Time	370.6	hrs			
Condensate Transfer Pump #2 Run Time	25.5	hrs			
Condensate Transfer Pump #3 Run Time	298.8	hrs			
Boiler Feed Pump #1 Run Time	464.3	hrs			
Boiler Feed Pump #2 Run Time	22.4	hrs			
Boiler Feed Pump #3 Run Time	208.4	hrs			
Boiler Feed Pump #4 Run Time	0.0	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	192.7	163.1	228.2	171.9	hrs
Steam Flow	2465.27	1972.30	2961.24	2031.15	klbs
Gas Flow	2802.69	2219.29	3325.53	2419.43	kscf
Natural Gas Cost	\$31,007.69	\$24,552.95	\$36,792.05	\$26,767.09	\$
Oil Flow	0.1	0.1	0.1	0.1	gals
Oil Cost	\$0.16	\$0.16	\$0.16	\$0.16	\$
Total Fuel Cost	\$31,007.85	\$24,552.95	\$36,792.21	\$26,767.25	\$
Average Steam Cost	\$12.58	\$12.52	\$12.42	\$13.18	\$/klbs
Efficiency By Losses	82.5	82.3	81.9	82.1	%
Efficiency By I/O	86.1	86.5	87.2	82.2	%