

Southside Virginia Training Center

Heating Plant Month Operations Report

12/31/2008
11:59 PM
Monthly Report

Description

		Plant	Units			
Heating Degree Days		619.70	hdd			
Total Plant Steam Flow		11,045.43	klbs			
Steam Flow Per Heating Degree Day		9.3	klbs/hdd			
Total Condensate Return Water Flow		0.1	klbs			
Total Plant Gas Flow		12,494.08	kscf			
Total Plant Gas Cost		\$137,581.51	\$			
Total Plant Oil Flow		0.0	gals			
Total Plant Oil Cost		\$0.00	\$			
Total Plant Fuel Cost		\$137,581.51	\$			
Fuel Cost Per Heating Degree Day		\$114.23	\$/hdd			
Plant Average Steam Cost Per Degree Day		\$0.00	\$/klbs			
Total Plant Efficiency By I/O		81.4	%			
Condensate Transfer Pump #1 Run Time		169.1	hrs			
Condensate Transfer Pump #2 Run Time		333.9	hrs			
Condensate Transfer Pump #3 Run Time		246.9	hrs			
Boiler Feed Pump #1 Run Time		218.6	hrs			
Boiler Feed Pump #2 Run Time		174.8	hrs			
Boiler Feed Pump #3 Run Time		174.3	hrs			
Boiler Feed Pump #4 Run Time		175.0	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		221.8	215.5	166.9	144.9	hrs
Steam Flow		3106.83	3014.45	2295.47	2628.68	klbs
Gas Flow		3608.69	3323.07	2295.47	3005.09	kscf
Natural Gas Cost		\$41,432.18	\$33,365.57	\$28,777.53	\$33,806.23	\$
Oil Flow		0.0	0.0	0.0	0.0	gals
Oil Cost		\$0.00	\$0.00	\$0.00	\$0.00	\$
Total Fuel Cost		\$41,432.18	\$33,365.57	\$28,777.53	\$33,806.23	\$
Average Steam Cost		\$13.60	\$12.23	\$12.54	\$13.24	\$/klbs
Efficiency By Losses		81.9	81.5	81.9	82.1	%
Efficiency By I/O		82.2	84.3	83.0	80.1	%