

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	%