

Southside Virginia Training Center

Heating Plant Month Operations Report

10/31/2008
 11:59 PM
 Monthly Report

Description

	Plant				Units
Heating Degree Days	357.69				hdd
Total Plant Steam Flow	6,292.08				klbs
Steam Flow Per Heating Degree Day	50.6				klbs/hdd
Total Condensate Return Water Flow	123.2				klbs
Total Plant Gas Flow	7,625.38				kscf
Total Plant Gas Cost	\$84,363.60				\$
Total Plant Oil Flow	0.0				gals
Total Plant Oil Cost	\$0.00				\$
Total Plant Fuel Cost	\$84,363.60				\$
Fuel Cost Per Heating Degree Day	\$679.62				\$/hdd
Plant Average Steam Cost Per Degree Day	\$0.03				\$/klbs
Total Plant Efficiency By I/O	80.7				%
Condensate Transfer Pump #1 Run Time	132.5				hrs
Condensate Transfer Pump #2 Run Time	383.0				hrs
Condensate Transfer Pump #3 Run Time	218.0				hrs
Boiler Feed Pump #1 Run Time	11.0				hrs
Boiler Feed Pump #2 Run Time	259.6				hrs
Boiler Feed Pump #3 Run Time	290.6				hrs
Boiler Feed Pump #4 Run Time	171.0				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	367.8	32.2	180.4	176.1	hrs
Steam Flow	2995.93	185.22	1370.60	1740.33	klbs
Gas Flow	3695.93	246.56	1587.98	2094.91	kscf
Natural Gas Cost	\$40,890.06	\$2,727.78	\$17,568.91	\$23,176.87	\$
Oil Flow	0.0	0.0	0.0	0.0	gals
Oil Cost	\$0.00	\$0.00	\$0.00	\$0.00	\$
Total Fuel Cost	\$40,890.06	\$2,727.78	\$17,568.91	\$23,176.87	\$
Average Steam Cost	\$13.77	\$14.97	\$12.92	\$13.56	\$/klbs
Efficiency By Losses	82.5	81.9	81.9	82.0	%
Efficiency By I/O	78.7	80.3	83.9	79.9	%