

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	%