

Southside Virginia Training Center

Heating Plant Month Operations Report

10/31/2010
11:59 PM
Monthly Report

Description

		Plant	Units		
Heating Degree Days		298.30	hdd		
Total Plant Steam Flow		5,757.85	klbs		
Steam Flow Per Heating Degree Day		32.7	klbs/hdd		
Total Condensate Return Water Flow		208.6	klbs		
Total Plant Gas Flow		6,753.89	kscf		
Total Plant Gas Cost		\$74,721.80	\$		
Total Plant Oil Flow		0.0	gals		
Total Plant Oil Cost		\$0.00	\$		
Total Plant Fuel Cost		\$74,721.80	\$		
Fuel Cost Per Heating Degree Day		\$439.76	\$/hdd		
Plant Average Steam Cost Per Degree Day		\$0.05	\$/klbs		
Total Plant Efficiency By I/O		80.7	%		
Condensate Transfer Pump #1 Run Time		285.2	hrs		
Condensate Transfer Pump #2 Run Time		167.0	hrs		
Condensate Transfer Pump #3 Run Time		282.8	hrs		
Boiler Feed Pump #1 Run Time		176.1	hrs		
Boiler Feed Pump #2 Run Time		160.0	hrs		
Boiler Feed Pump #3 Run Time		152.7	hrs		
Boiler Feed Pump #4 Run Time		246.6	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	185.2	169.6	169.4	214.2	hrs
Steam Flow	1299.36	1365.20	1406.75	1686.54	klbs
Gas Flow	1365.65	1622.60	1672.30	2093.34	kscf
Natural Gas Cost	\$15,108.86	\$17,951.60	\$17,951.60	\$23,159.69	\$
Oil Flow	0.0	0.0	0.0	0.0	gals
Oil Cost	\$0.00	\$0.00	\$0.00	\$0.00	\$
Total Fuel Cost	\$15,108.86	\$17,951.60	\$17,951.60	\$23,159.69	\$
Average Steam Cost	\$12.58	\$13.52	\$13.55	\$13.95	\$/klbs
Efficiency By Losses	80.5	78.0	82.5	81.8	%
Efficiency By I/O	86.1	80.1	80.0	77.7	%