

Southside Virginia Training Center

Heating Plant Month Operations Report

10/31/2007
11:59 PM
Monthly Report

Description

		Plant	Units		
Heating Degree Days		171.94	hdd		
Total Plant Steam Flow		5,007.32	klbs		
Steam Flow Per Heating Degree Day		29.1	klbs/hdd		
Total Condensate Return Water Flow		0.0	klbs		
Total Plant Gas Flow		6,126.18	kscf		
Total Plant Gas Cost		\$67,777.04	\$		
Total Plant Oil Flow		0.0	gals		
Total Plant Oil Cost		\$0.00	\$		
Total Plant Fuel Cost		\$67,777.04	\$		
Fuel Cost Per Heating Degree Day		\$394.19	\$/hdd		
Plant Average Steam Cost Per Degree Day		\$0.08	\$/klbs		
Total Plant Efficiency By I/O		80.0	%		
Condensate Transfer Pump #1 Run Time	233.4		hrs		
Condensate Transfer Pump #2 Run Time	176.8		hrs		
Condensate Transfer Pump #3 Run Time	334.0		hrs		
Boiler Feed Pump #1 Run Time	26.8		hrs		
Boiler Feed Pump #2 Run Time	350.8		hrs		
Boiler Feed Pump #3 Run Time	175.0		hrs		
Boiler Feed Pump #4 Run Time	191.8		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	5.0	231.2	10.4	508.2	hrs
Steam Flow	0.81	1686.52	6.89	3313.10	klbs
Gas Flow	41.78	1966.35	63.06	4054.99	kscf
Natural Gas Cost	\$462.09	\$21,754.70	\$698.07	\$44,862.18	\$
Oil Flow	0.0	0.0	0.0	0.0	gals
Oil Cost	\$0.00	\$0.00	\$0.00	\$0.00	\$
Total Fuel Cost	\$462.09	\$21,754.70	\$698.07	\$44,862.18	\$
Average Steam Cost	\$570.48	\$12.90	\$101.32	\$13.54	\$/klbs
Efficiency By Losses	83.3	81.8	82.6	81.9	%
Efficiency By I/O	1.9	84.0	10.7	80.0	%