

Southside Virginia Training Center

Heating Plant Month Operations Report

12/31/2009
11:59 PM
Monthly Report

Description

		Plant	Units		
Heating Degree Days		845.05	hdd		
Total Plant Steam Flow		11,328.44	klbs		
Steam Flow Per Heating Degree Day		14.2	klbs/hdd		
Total Condensate Return Water Flow		129.2	klbs		
Total Plant Gas Flow		13,007.30	kscf		
Total Plant Gas Cost		\$143,873.28	\$		
Total Plant Oil Flow		0.0	gals		
Total Plant Oil Cost		\$0.00	\$		
Total Plant Fuel Cost		\$143,873.28	\$		
Fuel Cost Per Heating Degree Day		\$181.44	\$/hdd		
Plant Average Steam Cost Per Degree Day		\$0.01	\$/klbs		
Total Plant Efficiency By I/O		85.0	%		
Condensate Transfer Pump #1 Run Time		132.0	hrs		
Condensate Transfer Pump #2 Run Time		269.9	hrs		
Condensate Transfer Pump #3 Run Time		335.6	hrs		
Boiler Feed Pump #1 Run Time		326.0	hrs		
Boiler Feed Pump #2 Run Time		236.6	hrs		
Boiler Feed Pump #3 Run Time		102.2	hrs		
Boiler Feed Pump #4 Run Time		73.6	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	171.3	167.2	240.4	170.5	hrs
Steam Flow	2802.82	2565.24	3458.02	2501.03	klbs
Gas Flow	3050.81	2957.87	4015.37	2970.80	kscf
Natural Gas Cost	\$33,752.11	\$32,724.37	\$44,528.65	\$32,867.39	\$
Oil Flow	0.0	0.0	0.0	0.0	gals
Oil Cost	\$0.00	\$0.00	\$0.00	\$0.00	\$
Total Fuel Cost	\$33,752.11	\$32,724.37	\$44,528.65	\$32,867.39	\$
Average Steam Cost	\$12.22	\$12.70	\$12.90	\$13.17	\$/klbs
Efficiency By Losses	83.1	81.6	82.0	82.1	%
Efficiency By I/O	88.7	85.3	84.0	82.3	%