

Southside Virginia Training Center

Heating Plant Month Operations Report

12/31/2007
11:59 PM
Monthly Report

Description

	Plant	Units			
Heating Degree Days	718.87	hdd			
Total Plant Steam Flow	11,466.60	klbs			
Steam Flow Per Heating Degree Day	16.0	klbs/hdd			
Total Condensate Return Water Flow	0.0	klbs			
Total Plant Gas Flow	13,114.34	kscf			
Total Plant Gas Cost	\$145,090.18	\$			
Total Plant Oil Flow	0.0	gals			
Total Plant Oil Cost	\$0.00	\$			
Total Plant Fuel Cost	\$145,090.18	\$			
Fuel Cost Per Heating Degree Day	\$201.83	\$/hdd			
Plant Average Steam Cost Per Degree Day	\$0.02	\$/klbs			
Total Plant Efficiency By I/O	85.6	%			
Condensate Transfer Pump #1 Run Time	229.8	hrs			
Condensate Transfer Pump #2 Run Time	168.5	hrs			
Condensate Transfer Pump #3 Run Time	345.6	hrs			
Boiler Feed Pump #1 Run Time	177.1	hrs			
Boiler Feed Pump #2 Run Time	188.0	hrs			
Boiler Feed Pump #3 Run Time	212.9	hrs			
Boiler Feed Pump #4 Run Time	166.0	hrs			
Fuel Oil Pump #1 Run Time	0.0	hrs			
Fuel Oil Pump #2 Run Time	0.1	hrs			
	Boiler 1	Boiler 2	Boiler 3	Boiler 4	Units
Run Time	240.6	151.4	247.6	137.8	hrs
Steam Flow	3619.32	2256.17	3760.46	1830.65	klbs
Gas Flow	4070.70	2557.20	4274.89	2211.55	kscf
Natural Gas Cost	\$45,036.52	\$28,291.18	\$47,295.40	\$24,467.08	\$
Oil Flow	0.0	0.0	0.0	0.0	gals
Oil Cost	\$0.00	\$0.00	\$0.00	\$0.00	\$
Total Fuel Cost	\$45,036.52	\$28,291.18	\$47,295.40	\$24,467.08	\$
Average Steam Cost	\$12.44	\$12.54	\$12.58	\$13.37	\$/klbs
Efficiency By Losses	83.0	81.9	82.1	82.2	%
Efficiency By I/O	87.1	86.4	86.1	81.1	%