

Southside Virginia Training Center

Heating Plant Month Operations Report

4/30/2007
11:59 PM
Monthly Report

Description

	Plant	Units			
Heating Degree Days	344.58	hdd			
Total Plant Steam Flow	12,106.12	klbs			
Steam Flow Per Heating Degree Day	35.1	klbs/hdd			
Total Condensate Return Water Flow	0.0	klbs			
Total Plant Gas Flow	13,445.99	kscf			
Total Plant Gas Cost	\$148,760.05	\$			
Total Plant Oil Flow	0.3	gals			
Total Plant Oil Cost	\$0.64	\$			
Total Plant Fuel Cost	\$148,760.69	\$			
Fuel Cost Per Heating Degree Day	\$431.72	\$/hdd			
Plant Average Steam Cost Per Degree Day	\$0.04	\$/klbs			
Total Plant Efficiency By I/O	88.2	%			
Condensate Transfer Pump #1 Run Time	167.3	hrs			
Condensate Transfer Pump #2 Run Time	201.8	hrs			
Condensate Transfer Pump #3 Run Time	350.8	hrs			
Boiler Feed Pump #1 Run Time	220.5	hrs			
Boiler Feed Pump #2 Run Time	267.3	hrs			
Boiler Feed Pump #3 Run Time	135.3	hrs			
Boiler Feed Pump #4 Run Time	117.2	hrs			
Fuel Oil Pump #1 Run Time	4.9	hrs			
Fuel Oil Pump #2 Run Time	0.4	hrs			
	Boiler 1	Boiler 2	Boiler 3	Boiler 4	Units
Run Time	174.7	25.3	368.4	214.2	hrs
Steam Flow	2110.07	196.91	6532.64	3266.50	klbs
Gas Flow	2329.14	271.33	6973.30	3872.22	kscf
Natural Gas Cost	\$25,768.12	\$3,002.36	\$77,149.48	\$42,840.09	\$
Oil Flow	0.1	0.1	0.1	0.1	gals
Oil Cost	\$0.16	\$0.16	\$0.16	\$0.16	\$
Total Fuel Cost	\$25,768.28	\$3,002.52	\$77,149.64	\$42,840.25	\$
Average Steam Cost	\$12.21	\$15.25	\$11.81	\$13.12	\$/klbs
Efficiency By Losses	82.7	82.0	82.2	82.7	%
Efficiency By I/O	88.7	71.1	91.7	82.6	%