

Southside Virginia Training Center

Heating Plant Month Operations Report

8/31/2009
11:59 PM
Monthly Report

Description

	Plant	Units			
Heating Degree Days	0.54	hdd			
Total Plant Steam Flow	3,936.69	klbs			
Steam Flow Per Heating Degree Day	7,290.2	klbs/hdd			
Total Condensate Return Water Flow	155.1	klbs			
Total Plant Gas Flow	4,909.89	kscf			
Total Plant Gas Cost	\$54,320.68	\$			
Total Plant Oil Flow	0.0	gals			
Total Plant Oil Cost	\$0.00	\$			
Total Plant Fuel Cost	\$54,320.68	\$			
Fuel Cost Per Heating Degree Day	\$100,593.85	\$/hdd			
Plant Average Steam Cost Per Degree Day	\$25.55	\$/klbs			
Total Plant Efficiency By I/O	78.5	%			
Condensate Transfer Pump #1 Run Time	56.3	hrs			
Condensate Transfer Pump #2 Run Time	353.3	hrs			
Condensate Transfer Pump #3 Run Time	334.9	hrs			
Boiler Feed Pump #1 Run Time	278.3	hrs			
Boiler Feed Pump #2 Run Time	175.9	hrs			
Boiler Feed Pump #3 Run Time	175.7	hrs			
Boiler Feed Pump #4 Run Time	114.2	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	170.5	127.6	214.8	222.8	hrs
Steam Flow	929.19	729.34	1134.55	1143.61	klbs
Gas Flow	1162.01	888.56	1408.45	1450.87	kscf
Natural Gas Cost	\$12,855.98	\$9,830.63	\$15,582.46	\$16,051.61	\$
Oil Flow	0.0	0.0	0.0	0.0	gals
Oil Cost	\$0.00	\$0.00	\$0.00	\$0.00	\$
Total Fuel Cost	\$12,855.98	\$9,830.63	\$15,582.46	\$16,051.61	\$
Average Steam Cost	\$13.84	\$13.48	\$13.73	\$14.04	\$/klbs
Efficiency By Losses	80.8	82.2	82.1	82.2	%
Efficiency By I/O	78.3	80.4	78.9	77.2	%