

Southside Virginia Training Center

Heating Plant Month Operations Report

7/31/2010
11:59 PM
Monthly Report

Description

	Plant	Units			
Heating Degree Days	5.50	hdd			
Total Plant Steam Flow	3,719.54	klbs			
Steam Flow Per Heating Degree Day	676.3	klbs/hdd			
Total Condensate Return Water Flow	176.4	klbs			
Total Plant Gas Flow	4,846.37	kscf			
Total Plant Gas Cost	\$53,618.09	\$			
Total Plant Oil Flow	0.0	gals			
Total Plant Oil Cost	\$0.00	\$			
Total Plant Fuel Cost	\$53,618.09	\$			
Fuel Cost Per Heating Degree Day	\$9,748.74	\$/hdd			
Plant Average Steam Cost Per Degree Day	\$2.62	\$/klbs			
Total Plant Efficiency By I/O	75.2	%			
Condensate Transfer Pump #1 Run Time	128.8	hrs			
Condensate Transfer Pump #2 Run Time	333.6	hrs			
Condensate Transfer Pump #3 Run Time	277.9	hrs			
Boiler Feed Pump #1 Run Time	88.8	hrs			
Boiler Feed Pump #2 Run Time	170.8	hrs			
Boiler Feed Pump #3 Run Time	305.0	hrs			
Boiler Feed Pump #4 Run Time	175.8	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	165.6	79.9	293.5	167.4	hrs
Steam Flow	825.72	431.65	1582.87	879.30	klbs
Gas Flow	1089.02	564.47	2032.14	1160.74	kscf
Natural Gas Cost	\$12,048.39	\$6,244.94	\$22,482.79	\$12,841.97	\$
Oil Flow	0.0	0.0	0.0	0.0	gals
Oil Cost	\$0.00	\$0.00	\$0.00	\$0.00	\$
Total Fuel Cost	\$12,048.39	\$6,244.94	\$22,482.79	\$12,841.97	\$
Average Steam Cost	\$14.59	\$14.47	\$14.20	\$14.60	\$/klbs
Efficiency By Losses	79.7	78.4	82.5	82.0	%
Efficiency By I/O	74.3	74.9	76.3	74.2	%