

Southside Virginia Training Center

Heating Plant Month Operations Report

6/30/2010
11:59 PM
Monthly Report

Description

	Plant	Units			
Heating Degree Days	2.98	hdd			
Total Plant Steam Flow	3,826.10	klbs			
Steam Flow Per Heating Degree Day	1,283.9	klbs/hdd			
Total Condensate Return Water Flow	178.5	klbs			
Total Plant Gas Flow	4,873.81	kscf			
Total Plant Gas Cost	\$53,921.49	\$			
Total Plant Oil Flow	0.0	gals			
Total Plant Oil Cost	\$0.00	\$			
Total Plant Fuel Cost	\$53,921.49	\$			
Fuel Cost Per Heating Degree Day	\$18,094.46	\$/hdd			
Plant Average Steam Cost Per Degree Day	\$4.73	\$/klbs			
Total Plant Efficiency By I/O	76.9	%			
Condensate Transfer Pump #1 Run Time	243.7	hrs			
Condensate Transfer Pump #2 Run Time	235.1	hrs			
Condensate Transfer Pump #3 Run Time	241.1	hrs			
Boiler Feed Pump #1 Run Time	175.4	hrs			
Boiler Feed Pump #2 Run Time	257.0	hrs			
Boiler Feed Pump #3 Run Time	112.5	hrs			
Boiler Feed Pump #4 Run Time	174.9	hrs			
Fuel Oil Pump #1 Run Time	0.1	hrs			
Fuel Oil Pump #2 Run Time	2.0	hrs			
	Boiler 1	Boiler 2	Boiler 3	Boiler 4	Units
Run Time	204.7	155.5	164.2	170.5	hrs
Steam Flow	1127.32	843.99	947.33	907.46	klbs
Gas Flow	1435.34	1075.38	1196.93	1166.16	kscf
Natural Gas Cost	\$15,880.00	\$11,897.42	\$13,242.29	\$12,901.78	\$
Oil Flow	0.0	0.0	0.0	0.0	gals
Oil Cost	\$0.00	\$0.00	\$0.00	\$0.00	\$
Total Fuel Cost	\$15,880.00	\$11,897.42	\$13,242.29	\$12,901.78	\$
Average Steam Cost	\$14.09	\$14.10	\$13.98	\$14.22	\$/klbs
Efficiency By Losses	81.7	79.0	82.5	82.1	%
Efficiency By I/O	76.9	76.9	77.5	76.2	%