

Southside Virginia Training Center

Heating Plant Month Operations Report

4/30/2009
11:59 PM
Monthly Report

Description

	Plant	Units			
Heating Degree Days	293.56	hdd			
Total Plant Steam Flow	6,942.60	klbs			
Steam Flow Per Heating Degree Day	23.6	klbs/hdd			
Total Condensate Return Water Flow	132.6	klbs			
Total Plant Gas Flow	8,091.75	kscf			
Total Plant Gas Cost	\$89,523.17	\$			
Total Plant Oil Flow	0.0	gals			
Total Plant Oil Cost	\$0.00	\$			
Total Plant Fuel Cost	\$89,523.17	\$			
Fuel Cost Per Heating Degree Day	\$304.96	\$/hdd			
Plant Average Steam Cost Per Degree Day	\$0.04	\$/klbs			
Total Plant Efficiency By I/O	84.0	%			
Condensate Transfer Pump #1 Run Time	166.1	hrs			
Condensate Transfer Pump #2 Run Time	204.6	hrs			
Condensate Transfer Pump #3 Run Time	348.2	hrs			
Boiler Feed Pump #1 Run Time	175.6	hrs			
Boiler Feed Pump #2 Run Time	64.7	hrs			
Boiler Feed Pump #3 Run Time	174.3	hrs			
Boiler Feed Pump #4 Run Time	304.2	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	260.7	170.0	196.4	109.8	hrs
Steam Flow	2199.04	1845.92	1955.22	942.42	klbs
Gas Flow	2541.02	2100.87	2272.29	1177.57	kscf
Natural Gas Cost	\$28,112.71	\$23,242.95	\$25,139.63	\$13,027.88	\$
Oil Flow	0.0	0.0	0.0	0.0	gals
Oil Cost	\$0.00	\$0.00	\$0.00	\$0.00	\$
Total Fuel Cost	\$28,112.71	\$23,242.95	\$25,139.63	\$13,027.88	\$
Average Steam Cost	\$12.78	\$12.59	\$12.86	\$13.82	\$/klbs
Efficiency By Losses	82.0	82.4	82.1	81.5	%
Efficiency By I/O	84.8	86.0	84.3	78.4	%