

Southside Virginia Training Center

Heating Plant Month Operations Report

9/30/2009
11:59 PM
Monthly Report

Description

	Plant	Units			
Heating Degree Days	62.53	hdd			
Total Plant Steam Flow	3,972.86	klbs			
Steam Flow Per Heating Degree Day	63.5	klbs/hdd			
Total Condensate Return Water Flow	150.7	klbs			
Total Plant Gas Flow	5,024.40	kscf			
Total Plant Gas Cost	\$55,587.42	\$			
Total Plant Oil Flow	0.0	gals			
Total Plant Oil Cost	\$0.00	\$			
Total Plant Fuel Cost	\$55,587.42	\$			
Fuel Cost Per Heating Degree Day	\$888.97	\$/hdd			
Plant Average Steam Cost Per Degree Day	\$0.22	\$/klbs			
Total Plant Efficiency By I/O	77.4	%			
Condensate Transfer Pump #1 Run Time	166.8	hrs			
Condensate Transfer Pump #2 Run Time	359.2	hrs			
Condensate Transfer Pump #3 Run Time	194.0	hrs			
Boiler Feed Pump #1 Run Time	175.8	hrs			
Boiler Feed Pump #2 Run Time	175.9	hrs			
Boiler Feed Pump #3 Run Time	176.1	hrs			
Boiler Feed Pump #4 Run Time	192.2	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	164.9	193.3	170.4	171.3	hrs
Steam Flow	920.68	1150.30	955.34	946.54	klbs
Gas Flow	1152.30	1446.00	1214.26	1211.84	kscf
Natural Gas Cost	\$12,748.37	\$15,997.71	\$13,434.07	\$13,407.27	\$
Oil Flow	0.0	0.0	0.0	0.0	gals
Oil Cost	\$0.00	\$0.00	\$0.00	\$0.00	\$
Total Fuel Cost	\$12,748.37	\$15,997.71	\$13,434.07	\$13,407.27	\$
Average Steam Cost	\$13.85	\$13.91	\$14.06	\$14.16	\$/klbs
Efficiency By Losses	81.2	81.2	82.1	82.0	%
Efficiency By I/O	78.2	77.9	77.0	76.5	%