

Southside Virginia Training Center

Heating Plant Month Operations Report

8/31/2010
11:59 PM
Monthly Report

Description

	Plant	Units			
Heating Degree Days	0.61	hdd			
Total Plant Steam Flow	3,551.72	klbs			
Steam Flow Per Heating Degree Day	5,822.5	klbs/hdd			
Total Condensate Return Water Flow	159.5	klbs			
Total Plant Gas Flow	4,738.67	kscf			
Total Plant Gas Cost	\$52,426.11	\$			
Total Plant Oil Flow	0.0	gals			
Total Plant Oil Cost	\$0.00	\$			
Total Plant Fuel Cost	\$52,426.11	\$			
Fuel Cost Per Heating Degree Day	\$85,944.44	\$/hdd			
Plant Average Steam Cost Per Degree Day	\$24.20	\$/klbs			
Total Plant Efficiency By I/O	73.4	%			
Condensate Transfer Pump #1 Run Time	329.4	hrs			
Condensate Transfer Pump #2 Run Time	140.4	hrs			
Condensate Transfer Pump #3 Run Time	274.0	hrs			
Boiler Feed Pump #1 Run Time	140.5	hrs			
Boiler Feed Pump #2 Run Time	183.1	hrs			
Boiler Feed Pump #3 Run Time	244.9	hrs			
Boiler Feed Pump #4 Run Time	175.2	hrs			
Fuel Oil Pump #1 Run Time	0.1	hrs			
Fuel Oil Pump #2 Run Time	0.0	hrs			
	Boiler 1	Boiler 2	Boiler 3	Boiler 4	Units
Run Time	166.5	191.7	235.9	87.8	hrs
Steam Flow	832.50	1091.45	1203.00	424.77	klbs
Gas Flow	1097.44	1419.51	1619.09	602.63	kscf
Natural Gas Cost	\$12,141.47	\$15,704.71	\$17,912.80	\$6,667.13	\$
Oil Flow	0.0	0.0	0.0	0.0	gals
Oil Cost	\$0.00	\$0.00	\$0.00	\$0.00	\$
Total Fuel Cost	\$12,141.47	\$15,704.71	\$17,912.80	\$6,667.13	\$
Average Steam Cost	\$14.58	\$14.39	\$14.89	\$15.70	\$/klbs
Efficiency By Losses	80.4	78.4	82.5	82.0	%
Efficiency By I/O	74.3	75.3	72.8	69.0	%