

Southside Virginia Training Center

Heating Plant Month Operations Report

10/31/2009
11:59 PM
Monthly Report

Description

	Plant	Units			
Heating Degree Days	309.86	hdd			
Total Plant Steam Flow	5,813.17	klbs			
Steam Flow Per Heating Degree Day	18.8	klbs/hdd			
Total Condensate Return Water Flow	164.0	klbs			
Total Plant Gas Flow	7,012.25	kscf			
Total Plant Gas Cost	\$77,580.61	\$			
Total Plant Oil Flow	0.0	gals			
Total Plant Oil Cost	\$0.00	\$			
Total Plant Fuel Cost	\$77,580.61	\$			
Fuel Cost Per Heating Degree Day	\$250.37	\$/hdd			
Plant Average Steam Cost Per Degree Day	\$0.04	\$/klbs			
Total Plant Efficiency By I/O	81.2	%			
Condensate Transfer Pump #1 Run Time	167.8	hrs			
Condensate Transfer Pump #2 Run Time	295.5	hrs			
Condensate Transfer Pump #3 Run Time	279.8	hrs			
Boiler Feed Pump #1 Run Time	175.8	hrs			
Boiler Feed Pump #2 Run Time	175.4	hrs			
Boiler Feed Pump #3 Run Time	175.5	hrs			
Boiler Feed Pump #4 Run Time	216.4	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	167.9	239.4	169.1	176.4	hrs
Steam Flow	1359.88	1695.00	1023.04	1735.25	klbs
Gas Flow	1700.06	1963.69	1255.78	2092.72	kscf
Natural Gas Cost	\$18,808.99	\$21,725.33	\$13,893.40	\$23,152.89	\$
Oil Flow	0.0	0.0	0.0	0.0	gals
Oil Cost	\$0.00	\$0.00	\$0.00	\$0.00	\$
Total Fuel Cost	\$18,808.99	\$21,725.33	\$13,893.40	\$23,152.89	\$
Average Steam Cost	\$13.83	\$12.82	\$13.58	\$13.34	\$/klbs
Efficiency By Losses	80.9	81.4	82.1	82.1	%
Efficiency By I/O	78.3	84.5	79.8	81.2	%