

Southside Virginia Training Center

Heating Plant Month Operations Report

12/31/2012
11:59 PM
Monthly Report

Description

	Plant	Units			
Heating Degree Days	637.31	hdd			
Total Plant Steam Flow	9,427.40	klbs			
Steam Flow Per Heating Degree Day	14.4	klbs/hdd			
Total Condensate Return Water Flow	218.3	klbs			
Total Plant Gas Flow	10,962.05	kscf			
Total Plant Gas Cost	\$75,660.46	\$			
Total Plant Oil Flow	0.0	gals			
Total Plant Oil Cost	\$0.00	\$			
Total Plant Fuel Cost	\$75,660.46	\$			
Fuel Cost Per Heating Degree Day	\$116.28	\$/hdd			
Plant Average Steam Cost Per Degree Day	\$0.01	\$/klbs			
Total Plant Efficiency By I/O	83.5	%			
Condensate Transfer Pump #1 Run Time	253.0	hrs			
Condensate Transfer Pump #2 Run Time	167.4	hrs			
Condensate Transfer Pump #3 Run Time	313.6	hrs			
Boiler Feed Pump #1 Run Time	175.2	hrs			
Boiler Feed Pump #2 Run Time	177.2	hrs			
Boiler Feed Pump #3 Run Time	206.7	hrs			
Boiler Feed Pump #4 Run Time	175.0	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	174.3	234.9	172.4	177.0	hrs
Steam Flow	2320.08	3040.37	1977.04	2089.91	klbs
Gas Flow	2542.00	3705.01	2279.94	2430.97	kscf
Natural Gas Cost	\$17,572.59	\$25,573.05	\$15,736.12	\$16,778.70	\$
Oil Flow	0.0	0.0	0.0	0.0	gals
Oil Cost	\$0.00	\$0.00	\$0.00	\$0.00	\$
Total Fuel Cost	\$17,572.59	\$25,573.05	\$15,736.12	\$16,778.70	\$
Average Steam Cost	\$7.66	\$8.45	\$7.96	\$8.19	\$/klbs
Efficiency By Losses	83.3	77.8	82.9	82.2	%
Efficiency By I/O	88.2	80.0	84.9	82.5	%