

Southside Virginia Training Center

Heating Plant Month Operations Report

3/31/2012
11:59 PM
Monthly Report

Description

	Plant	Units			
Heating Degree Days	669.98	hdd			
Total Plant Steam Flow	7,508.49	klbs			
Steam Flow Per Heating Degree Day	17.6	klbs/hdd			
Total Condensate Return Water Flow	168.9	klbs			
Total Plant Gas Flow	9,089.04	kscf			
Total Plant Gas Cost	\$62,732.75	\$			
Total Plant Oil Flow	0.3	gals			
Total Plant Oil Cost	\$0.00	\$			
Total Plant Fuel Cost	\$62,732.75	\$			
Fuel Cost Per Heating Degree Day	\$118.67	\$/hdd			
Plant Average Steam Cost Per Degree Day	\$0.01	\$/klbs			
Total Plant Efficiency By I/O	82.4	%			
Condensate Transfer Pump #1 Run Time	358.3	hrs			
Condensate Transfer Pump #2 Run Time	240.6	hrs			
Condensate Transfer Pump #3 Run Time	141.4	hrs			
Boiler Feed Pump #1 Run Time	89.8	hrs			
Boiler Feed Pump #2 Run Time	166.4	hrs			
Boiler Feed Pump #3 Run Time	205.7	hrs			
Boiler Feed Pump #4 Run Time	275.2	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	172.8	282.1	282.1	0.0	hrs
Steam Flow	1472.97	2870.63	3164.90	0.00	klbs
Gas Flow	1765.75	3659.65	3663.61	0.03	kscf
Natural Gas Cost	\$12,187.19	\$25,258.93	\$25,286.42	\$0.21	\$
Oil Flow	0.0	0.0	0.0	0.0	gals
Oil Cost	\$0.00	\$0.00	\$0.00	\$0.00	\$
Total Fuel Cost	\$12,187.19	\$25,258.93	\$25,286.42	\$0.00	\$
Average Steam Cost	\$7.85	\$8.73	\$7.98	---	\$/klbs
Efficiency By Losses	83.2	78.0	82.7	---	%
Efficiency By I/O	86.1	77.4	84.7	0.0	%