

Southside Virginia Training Center

Heating Plant Month Operations Report

2/28/2013
11:59 PM
Monthly Report

Description

	Plant	Units			
Heating Degree Days	761.25	hdd			
Total Plant Steam Flow	10,474.13	klbs			
Steam Flow Per Heating Degree Day	13.8	klbs/hdd			
Total Condensate Return Water Flow	199.5	klbs			
Total Plant Gas Flow	12,190.96	kscf			
Total Plant Gas Cost	\$84,142.29	\$			
Total Plant Oil Flow	0.0	gals			
Total Plant Oil Cost	\$0.00	\$			
Total Plant Fuel Cost	\$84,142.29	\$			
Fuel Cost Per Heating Degree Day	\$110.53	\$/hdd			
Plant Average Steam Cost Per Degree Day	\$0.01	\$/klbs			
Total Plant Efficiency By I/O	84.1	%			
Condensate Transfer Pump #1 Run Time	167.4	hrs			
Condensate Transfer Pump #2 Run Time	174.9	hrs			
Condensate Transfer Pump #3 Run Time	328.9	hrs			
Boiler Feed Pump #1 Run Time	166.2	hrs			
Boiler Feed Pump #2 Run Time	166.3	hrs			
Boiler Feed Pump #3 Run Time	204.2	hrs			
Boiler Feed Pump #4 Run Time	134.5	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	171.2	173.5	169.7	174.7	hrs
Steam Flow	2699.30	2681.33	2658.71	2434.79	klbs
Gas Flow	2989.71	3292.35	3079.26	2829.64	kscf
Natural Gas Cost	\$20,634.97	\$22,723.85	\$21,253.02	\$19,530.45	\$
Oil Flow	0.0	0.0	0.0	0.0	gals
Oil Cost	\$0.00	\$0.00	\$0.00	\$0.00	\$
Total Fuel Cost	\$20,634.97	\$22,723.85	\$21,253.02	\$19,530.45	\$
Average Steam Cost	\$7.64	\$8.47	\$7.99	\$8.02	\$/klbs
Efficiency By Losses	83.3	78.6	82.2	82.5	%
Efficiency By I/O	88.4	79.8	84.6	84.3	%