

Southside Virginia Training Center

Heating Plant Month Operations Report

1/31/2012
11:59 PM
Monthly Report

Description

	Plant	Units			
Heating Degree Days	758.73	hdd			
Total Plant Steam Flow	10,895.39	klbs			
Steam Flow Per Heating Degree Day	14.4	klbs/hdd			
Total Condensate Return Water Flow	157.4	klbs			
Total Plant Gas Flow	12,874.89	kscf			
Total Plant Gas Cost	\$88,862.56	\$			
Total Plant Oil Flow	0.0	gals			
Total Plant Oil Cost	\$0.00	\$			
Total Plant Fuel Cost	\$88,862.56	\$			
Fuel Cost Per Heating Degree Day	\$117.12	\$/hdd			
Plant Average Steam Cost Per Degree Day	\$0.01	\$/klbs			
Total Plant Efficiency By I/O	82.9	%			
Condensate Transfer Pump #1 Run Time	245.3	hrs			
Condensate Transfer Pump #2 Run Time	308.4	hrs			
Condensate Transfer Pump #3 Run Time	190.2	hrs			
Boiler Feed Pump #1 Run Time	257.0	hrs			
Boiler Feed Pump #2 Run Time	299.0	hrs			
Boiler Feed Pump #3 Run Time	4.2	hrs			
Boiler Feed Pump #4 Run Time	186.7	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	194.9	223.2	337.7	2.7	hrs
Steam Flow	2878.43	3409.95	4601.33	5.68	klbs
Gas Flow	3204.81	4279.91	5369.83	20.34	kscf
Natural Gas Cost	\$22,119.65	\$29,539.90	\$37,062.62	\$140.39	\$
Oil Flow	0.0	0.0	0.0	0.0	gals
Oil Cost	\$0.00	\$0.00	\$0.00	\$0.00	\$
Total Fuel Cost	\$22,119.65	\$29,539.90	\$37,062.62	\$140.39	\$
Average Steam Cost	\$7.68	\$8.66	\$8.05	\$24.72	\$/klbs
Efficiency By Losses	83.1	77.5	82.5	82.5	%
Efficiency By I/O	88.0	78.0	83.9	27.3	%