

Southside Virginia Training Center

Heating Plant Month Operations Report

11/30/2012
11:59 PM
Monthly Report

Description

	Plant	Units			
Heating Degree Days	686.81	hdd			
Total Plant Steam Flow	9,590.20	klbs			
Steam Flow Per Heating Degree Day	14.0	klbs/hdd			
Total Condensate Return Water Flow	187.5	klbs			
Total Plant Gas Flow	11,345.90	kscf			
Total Plant Gas Cost	\$78,309.53	\$			
Total Plant Oil Flow	0.0	gals			
Total Plant Oil Cost	\$0.00	\$			
Total Plant Fuel Cost	\$78,309.53	\$			
Fuel Cost Per Heating Degree Day	\$114.02	\$/hdd			
Plant Average Steam Cost Per Degree Day	\$0.01	\$/klbs			
Total Plant Efficiency By I/O	82.8	%			
Condensate Transfer Pump #1 Run Time	206.8	hrs			
Condensate Transfer Pump #2 Run Time	335.0	hrs			
Condensate Transfer Pump #3 Run Time	188.8	hrs			
Boiler Feed Pump #1 Run Time	160.2	hrs			
Boiler Feed Pump #2 Run Time	175.5	hrs			
Boiler Feed Pump #3 Run Time	221.2	hrs			
Boiler Feed Pump #4 Run Time	174.5	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	173.5	223.4	172.7	184.3	hrs
Steam Flow	2268.87	3014.02	2048.62	2258.69	klbs
Gas Flow	2548.98	3707.84	2361.00	2728.08	kscf
Natural Gas Cost	\$17,593.05	\$25,591.50	\$16,295.67	\$18,829.31	\$
Oil Flow	0.0	0.0	0.0	0.0	gals
Oil Cost	\$0.00	\$0.00	\$0.00	\$0.00	\$
Total Fuel Cost	\$17,593.05	\$25,591.50	\$16,295.67	\$18,829.31	\$
Average Steam Cost	\$7.75	\$8.49	\$7.95	\$8.34	\$/klbs
Efficiency By Losses	83.3	77.2	82.8	82.2	%
Efficiency By I/O	87.2	79.6	85.0	81.1	%