

Southside Virginia Training Center

Heating Plant Month Operations Report

12/31/2013
11:59 PM
Monthly Report

Description

		Plant	Units		
Heating Degree Days		722.35	hdd		
Total Plant Steam Flow		10,436.26	klbs		
Steam Flow Per Heating Degree Day		14.4	klbs/hdd		
Total Condensate Return Water Flow		208.5	klbs		
Total Plant Gas Flow		11,917.98	kscf		
Total Plant Gas Cost		\$73,185.79	\$		
Total Plant Oil Flow		0.0	gals		
Total Plant Oil Cost		\$0.00	\$		
Total Plant Fuel Cost		\$73,185.79	\$		
Fuel Cost Per Heating Degree Day		\$101.32	\$/hdd		
Plant Average Steam Cost Per Degree Day		\$0.01	\$/klbs		
Total Plant Efficiency By I/O		85.8	%		
Condensate Transfer Pump #1 Run Time		168.0	hrs		
Condensate Transfer Pump #2 Run Time		295.3	hrs		
Condensate Transfer Pump #3 Run Time		257.2	hrs		
Boiler Feed Pump #1 Run Time		167.3	hrs		
Boiler Feed Pump #2 Run Time		217.5	hrs		
Boiler Feed Pump #3 Run Time		166.7	hrs		
Boiler Feed Pump #4 Run Time		168.5	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	219.9	177.6	175.2	180.1	hrs
Steam Flow	2956.92	2575.62	2644.64	2259.08	klbs
Gas Flow	3262.10	3048.36	2971.21	2636.31	kscf
Natural Gas Cost	\$20,031.84	\$18,719.23	\$18,245.57	\$16,189.15	\$
Oil Flow	0.0	0.0	0.0	0.0	gals
Oil Cost	\$0.00	\$0.00	\$0.00	\$0.00	\$
Total Fuel Cost	\$20,031.84	\$18,719.23	\$18,245.57	\$16,189.15	\$
Average Steam Cost	\$6.77	\$7.27	\$6.90	\$7.17	\$/klbs
Efficiency By Losses	83.3	79.6	81.8	82.6	%
Efficiency By I/O	88.8	82.7	87.2	83.9	%