

Southside Virginia Training Center

Heating Plant Month Operations Report

11/30/2013
11:59 PM
Monthly Report

Description

		Plant	Units		
Heating Degree Days		605.07	hdd		
Total Plant Steam Flow		8,807.83	klbs		
Steam Flow Per Heating Degree Day		14.6	klbs/hdd		
Total Condensate Return Water Flow		218.8	klbs		
Total Plant Gas Flow		10,201.76	kscf		
Total Plant Gas Cost		\$62,706.81	\$		
Total Plant Oil Flow		0.0	gals		
Total Plant Oil Cost		\$0.00	\$		
Total Plant Fuel Cost		\$62,706.81	\$		
Fuel Cost Per Heating Degree Day		\$103.64	\$/hdd		
Plant Average Steam Cost Per Degree Day		\$0.01	\$/klbs		
Total Plant Efficiency By I/O		84.6	%		
Condensate Transfer Pump #1 Run Time	334.8		hrs		
Condensate Transfer Pump #2 Run Time	211.3		hrs		
Condensate Transfer Pump #3 Run Time	174.5		hrs		
Boiler Feed Pump #1 Run Time	180.3		hrs		
Boiler Feed Pump #2 Run Time	206.1		hrs		
Boiler Feed Pump #3 Run Time	167.7		hrs		
Boiler Feed Pump #4 Run Time	166.6		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	201.2	175.1	175.1	200.7	hrs
Steam Flow	2270.04	2056.26	1917.95	2563.58	klbs
Gas Flow	2536.50	2494.16	2147.94	3023.16	kscf
Natural Gas Cost	\$15,627.39	\$15,316.69	\$13,195.49	\$18,567.24	\$
Oil Flow	0.0	0.0	0.0	0.0	gals
Oil Cost	\$0.00	\$0.00	\$0.00	\$0.00	\$
Total Fuel Cost	\$15,627.39	\$15,316.69	\$13,195.49	\$18,567.24	\$
Average Steam Cost	\$6.88	\$7.45	\$6.88	\$7.24	\$/klbs
Efficiency By Losses	83.3	77.5	81.8	82.5	%
Efficiency By I/O	87.6	80.7	87.4	83.0	%