

Southside Virginia Training Center

Heating Plant Month Operations Report

10/31/2013
11:59 PM
Monthly Report

Description

		Plant	Units		
Heating Degree Days		268.98	hdd		
Total Plant Steam Flow		5,946.16	klbs		
Steam Flow Per Heating Degree Day		22.1	klbs/hdd		
Total Condensate Return Water Flow		224.7	klbs		
Total Plant Gas Flow		7,137.48	kscf		
Total Plant Gas Cost		\$49,262.60	\$		
Total Plant Oil Flow		0.0	gals		
Total Plant Oil Cost		\$0.00	\$		
Total Plant Fuel Cost		\$49,262.60	\$		
Fuel Cost Per Heating Degree Day		\$183.15	\$/hdd		
Plant Average Steam Cost Per Degree Day		\$0.03	\$/klbs		
Total Plant Efficiency By I/O		81.6	%		
Condensate Transfer Pump #1 Run Time		170.3	hrs		
Condensate Transfer Pump #2 Run Time		245.8	hrs		
Condensate Transfer Pump #3 Run Time		326.3	hrs		
Boiler Feed Pump #1 Run Time		240.5	hrs		
Boiler Feed Pump #2 Run Time		176.2	hrs		
Boiler Feed Pump #3 Run Time		171.8	hrs		
Boiler Feed Pump #4 Run Time		167.0	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	189.5	172.5	226.7	175.2	hrs
Steam Flow	1232.39	1264.16	1649.60	1800.01	klbs
Gas Flow	1546.65	1594.27	1911.94	2084.62	kscf
Natural Gas Cost	\$10,675.02	\$11,003.53	\$13,196.14	\$14,387.91	\$
Oil Flow	0.0	0.0	0.0	0.0	gals
Oil Cost	\$0.00	\$0.00	\$0.00	\$0.00	\$
Total Fuel Cost	\$10,675.02	\$11,003.53	\$13,196.14	\$14,387.91	\$
Average Steam Cost	\$8.66	\$8.70	\$8.00	\$7.99	\$/klbs
Efficiency By Losses	83.1	77.6	81.8	82.4	%
Efficiency By I/O	78.0	77.7	84.5	84.6	%