

Southside Virginia Training Center

Heating Plant Month Operations Report

4/30/2013
 11:59 PM
 Monthly Report

Description

	Plant				Units
Heating Degree Days	377.90				hdd
Total Plant Steam Flow	6,794.46				klbs
Steam Flow Per Heating Degree Day	23.8				klbs/hdd
Total Condensate Return Water Flow	296.8				klbs
Total Plant Gas Flow	8,103.95				kscf
Total Plant Gas Cost	\$55,933.70				\$
Total Plant Oil Flow	0.0				gals
Total Plant Oil Cost	\$0.00				\$
Total Plant Fuel Cost	\$55,933.70				\$
Fuel Cost Per Heating Degree Day	\$195.18				\$/hdd
Plant Average Steam Cost Per Degree Day	\$0.03				\$/klbs
Total Plant Efficiency By I/O	82.5				%
Condensate Transfer Pump #1 Run Time	167.5				hrs
Condensate Transfer Pump #2 Run Time	343.6				hrs
Condensate Transfer Pump #3 Run Time	280.3				hrs
Boiler Feed Pump #1 Run Time	177.6				hrs
Boiler Feed Pump #2 Run Time	172.8				hrs
Boiler Feed Pump #3 Run Time	167.9				hrs
Boiler Feed Pump #4 Run Time	273.0				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	180.1	170.0	216.5	134.9	hrs
Steam Flow	1886.48	1264.60	2467.76	1175.62	klbs
Gas Flow	2185.36	1662.05	2833.99	1422.55	kscf
Natural Gas Cost	\$15,083.47	\$11,471.51	\$19,560.25	\$9,818.47	\$
Oil Flow	0.0	0.0	0.0	0.0	gals
Oil Cost	\$0.00	\$0.00	\$0.00	\$0.00	\$
Total Fuel Cost	\$15,083.47	\$11,471.51	\$19,560.25	\$9,818.47	\$
Average Steam Cost	\$8.00	\$9.07	\$7.92	\$8.35	\$/klbs
Efficiency By Losses	83.3	78.7	82.9	82.0	%
Efficiency By I/O	84.5	74.5	85.3	80.9	%