

Southside Virginia Training Center

Heating Plant Month Operations Report

5/31/2013
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 Monthly Report

Description

	Plant				Units
Heating Degree Days	140.43				hdd
Total Plant Steam Flow	5,423.55				klbs
Steam Flow Per Heating Degree Day	38.6				klbs/hdd
Total Condensate Return Water Flow	264.4				klbs
Total Plant Gas Flow	6,626.78				kscf
Total Plant Gas Cost	\$45,738.15				\$
Total Plant Oil Flow	0.0				gals
Total Plant Oil Cost	\$0.00				\$
Total Plant Fuel Cost	\$45,738.15				\$
Fuel Cost Per Heating Degree Day	\$325.70				\$/hdd
Plant Average Steam Cost Per Degree Day	\$0.06				\$/klbs
Total Plant Efficiency By I/O	80.1				%
Condensate Transfer Pump #1 Run Time	331.6				hrs
Condensate Transfer Pump #2 Run Time	167.5				hrs
Condensate Transfer Pump #3 Run Time	221.0				hrs
Boiler Feed Pump #1 Run Time	168.8				hrs
Boiler Feed Pump #2 Run Time	172.9				hrs
Boiler Feed Pump #3 Run Time	163.4				hrs
Boiler Feed Pump #4 Run Time	214.8				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	195.2	170.2	168.2	202.2	hrs
Steam Flow	1611.65	1251.68	1085.19	1475.03	klbs
Gas Flow	1907.69	1638.55	1295.56	1784.98	kscf
Natural Gas Cost	\$13,166.86	\$11,309.26	\$8,941.97	\$12,320.06	\$
Oil Flow	0.0	0.0	0.0	0.0	gals
Oil Cost	\$0.00	\$0.00	\$0.00	\$0.00	\$
Total Fuel Cost	\$13,166.86	\$11,309.26	\$8,941.97	\$12,320.06	\$
Average Steam Cost	\$8.17	\$9.04	\$8.24	\$8.35	\$/klbs
Efficiency By Losses	83.4	79.1	83.1	82.3	%
Efficiency By I/O	82.7	74.8	82.0	80.9	%