

Southside Virginia Training Center

Heating Plant Month Operations Report

7/31/2012
 11:59 PM
 Monthly Report

Description

	Plant				Units
Heating Degree Days	0.00				hdd
Total Plant Steam Flow	3,852.41				klbs
Steam Flow Per Heating Degree Day	---				klbs/hdd
Total Condensate Return Water Flow	220.4				klbs
Total Plant Gas Flow	5,232.66				kscf
Total Plant Gas Cost	\$36,115.88				\$
Total Plant Oil Flow	0.0				gals
Total Plant Oil Cost	\$0.00				\$
Total Plant Fuel Cost	\$36,115.88				\$
Fuel Cost Per Heating Degree Day	---				\$/hdd
Plant Average Steam Cost Per Degree Day	---				\$/klbs
Total Plant Efficiency By I/O	72.1				%
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Condensate Transfer Pump #1 Run Time	269.0				hrs
Condensate Transfer Pump #2 Run Time	273.1				hrs
Condensate Transfer Pump #3 Run Time	201.7				hrs
Boiler Feed Pump #1 Run Time	0.0				hrs
Boiler Feed Pump #2 Run Time	270.5				hrs
Boiler Feed Pump #3 Run Time	304.2				hrs
Boiler Feed Pump #4 Run Time	167.5				hrs
Fuel Oil Pump #1 Run Time	0.0				hrs
Fuel Oil Pump #2 Run Time	0.0				hrs
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	Boiler 1	Boiler 2	Boiler 3	Boiler 4	Units
Run Time	218.4	327.0	176.8	25.7	hrs
Steam Flow	1108.45	1743.29	923.88	76.79	klbs
Gas Flow	1492.35	2407.90	1166.19	166.22	kscf
Natural Gas Cost	\$10,300.23	\$16,619.28	\$8,049.10	\$1,147.27	\$
Oil Flow	0.0	0.0	0.0	0.0	gals
Oil Cost	\$0.00	\$0.00	\$0.00	\$0.00	\$
Total Fuel Cost	\$10,300.23	\$16,619.28	\$8,049.10	\$1,147.27	\$
Average Steam Cost	\$9.29	\$9.53	\$8.71	\$14.94	\$/klbs
Efficiency By Losses	82.7	78.6	82.9	82.5	%
Efficiency By I/O	72.7	70.9	77.6	45.2	%