

Southside Virginia Training Center

Heating Plant Month Operations Report

12/31/2013
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 Monthly Report

Description

	Plant				Units
Heating Degree Days	722.35				hdd
Total Plant Steam Flow	10,436.26				klbs
Steam Flow Per Heating Degree Day	14.4				klbs/hdd
Total Condensate Return Water Flow	208.5				klbs
Total Plant Gas Flow	11,917.98				kscf
Total Plant Gas Cost	\$73,185.79				\$
Total Plant Oil Flow	0.0				gals
Total Plant Oil Cost	\$0.00				\$
Total Plant Fuel Cost	\$73,185.79				\$
Fuel Cost Per Heating Degree Day	\$101.32				\$/hdd
Plant Average Steam Cost Per Degree Day	\$0.01				\$/klbs
Total Plant Efficiency By I/O	85.8				%
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Condensate Transfer Pump #1 Run Time	168.0				hrs
Condensate Transfer Pump #2 Run Time	295.3				hrs
Condensate Transfer Pump #3 Run Time	257.2				hrs
Boiler Feed Pump #1 Run Time	167.3				hrs
Boiler Feed Pump #2 Run Time	217.5				hrs
Boiler Feed Pump #3 Run Time	166.7				hrs
Boiler Feed Pump #4 Run Time	168.5				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	219.9	177.6	175.2	180.1	hrs
Steam Flow	2956.92	2575.62	2644.64	2259.08	klbs
Gas Flow	3262.10	3048.36	2971.21	2636.31	kscf
Natural Gas Cost	\$20,031.84	\$18,719.23	\$18,245.57	\$16,189.15	\$
Oil Flow	0.0	0.0	0.0	0.0	gals
Oil Cost	\$0.00	\$0.00	\$0.00	\$0.00	\$
Total Fuel Cost	\$20,031.84	\$18,719.23	\$18,245.57	\$16,189.15	\$
Average Steam Cost	\$6.77	\$7.27	\$6.90	\$7.17	\$/klbs
Efficiency By Losses	83.3	79.6	81.8	82.6	%
Efficiency By I/O	88.8	82.7	87.2	83.9	%