

Southside Virginia Training Center

Heating Plant Month Operations Report

10/31/2013
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 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				%
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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
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	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	%