

Southside Virginia Training Center

Heating Plant Month Operations Report

3/31/2013
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 Monthly Report

Description

	Plant				Units
Heating Degree Days	701.16				hdd
Total Plant Steam Flow	11,171.84				klbs
Steam Flow Per Heating Degree Day	14.6				klbs/hdd
Total Condensate Return Water Flow	212.7				klbs
Total Plant Gas Flow	13,083.48				kscf
Total Plant Gas Cost	\$90,302.44				\$
Total Plant Oil Flow	0.3				gals
Total Plant Oil Cost	\$1.28				\$
Total Plant Fuel Cost	\$90,302.44				\$
Fuel Cost Per Heating Degree Day	\$118.58				\$/hdd
Plant Average Steam Cost Per Degree Day	\$0.01				\$/klbs
Total Plant Efficiency By I/O	83.5				%
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Condensate Transfer Pump #1 Run Time	314.0				hrs
Condensate Transfer Pump #2 Run Time	184.2				hrs
Condensate Transfer Pump #3 Run Time	173.5				hrs
Boiler Feed Pump #1 Run Time	174.5				hrs
Boiler Feed Pump #2 Run Time	177.4				hrs
Boiler Feed Pump #3 Run Time	173.8				hrs
Boiler Feed Pump #4 Run Time	145.4				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	171.8	171.0	171.4	175.3	hrs
Steam Flow	2463.60	2745.86	2723.30	3239.08	klbs
Gas Flow	2714.25	3399.03	3156.03	3814.17	kscf
Natural Gas Cost	\$18,733.86	\$23,459.97	\$21,782.86	\$26,325.75	\$
Oil Flow	0.0	0.0	0.0	0.0	gals
Oil Cost	\$0.00	\$0.00	\$0.00	\$0.00	\$
Total Fuel Cost	\$18,734.18	\$23,460.29	\$21,783.18	\$26,325.75	\$
Average Steam Cost	\$7.60	\$8.54	\$8.00	\$8.21	\$/klbs
Efficiency By Losses	83.3	78.5	82.1	82.3	%
Efficiency By I/O	88.9	79.1	84.5	82.3	%