

Southside Virginia Training Center

Heating Plant Month Operations Report

1/31/2012
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 Monthly Report

Description

	Plant				Units
Heating Degree Days	758.73				hdd
Total Plant Steam Flow	10,895.39				klbs
Steam Flow Per Heating Degree Day	14.4				klbs/hdd
Total Condensate Return Water Flow	157.4				klbs
Total Plant Gas Flow	12,874.89				kscf
Total Plant Gas Cost	\$88,862.56				\$
Total Plant Oil Flow	0.0				gals
Total Plant Oil Cost	\$0.00				\$
Total Plant Fuel Cost	\$88,862.56				\$
Fuel Cost Per Heating Degree Day	\$117.12				\$/hdd
Plant Average Steam Cost Per Degree Day	\$0.01				\$/klbs
Total Plant Efficiency By I/O	82.9				%
Condensate Transfer Pump #1 Run Time	245.3				hrs
Condensate Transfer Pump #2 Run Time	308.4				hrs
Condensate Transfer Pump #3 Run Time	190.2				hrs
Boiler Feed Pump #1 Run Time	257.0				hrs
Boiler Feed Pump #2 Run Time	299.0				hrs
Boiler Feed Pump #3 Run Time	4.2				hrs
Boiler Feed Pump #4 Run Time	186.7				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	194.9	223.2	337.7	2.7	hrs
Steam Flow	2878.43	3409.95	4601.33	5.68	klbs
Gas Flow	3204.81	4279.91	5369.83	20.34	kscf
Natural Gas Cost	\$22,119.65	\$29,539.90	\$37,062.62	\$140.39	\$
Oil Flow	0.0	0.0	0.0	0.0	gals
Oil Cost	\$0.00	\$0.00	\$0.00	\$0.00	\$
Total Fuel Cost	\$22,119.65	\$29,539.90	\$37,062.62	\$140.39	\$
Average Steam Cost	\$7.68	\$8.66	\$8.05	\$24.72	\$/klbs
Efficiency By Losses	83.1	77.5	82.5	82.5	%
Efficiency By I/O	88.0	78.0	83.9	27.3	%