

Southside Virginia Training Center

Heating Plant Month Operations Report

5/31/2006
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 Monthly Report

Description

	Plant				Units
Heating Degree Days	167.42				hdd
Total Plant Steam Flow	11,984.30				klbs
Steam Flow Per Heating Degree Day	71.6				klbs/hdd
Total Condensate Return Water Flow	6,823.3				klbs
Total Plant Gas Flow	13,030.31				kscf
Total Plant Gas Cost	\$144,161.67				\$
Total Plant Oil Flow	10.7				gals
Total Plant Oil Cost	\$21.22				\$
Total Plant Fuel Cost	\$144,182.89				\$
Fuel Cost Per Heating Degree Day	\$861.20				\$/hdd
Plant Average Steam Cost Per Degree Day	\$0.07				\$/klbs
Total Plant Efficiency By I/O	90.1				%
Condensate Transfer Pump #1 Run Time	1.3				hrs
Condensate Transfer Pump #2 Run Time	379.2				hrs
Condensate Transfer Pump #3 Run Time	362.3				hrs
Boiler Feed Pump #1 Run Time	175.7				hrs
Boiler Feed Pump #2 Run Time	314.0				hrs
Boiler Feed Pump #3 Run Time	209.2				hrs
Boiler Feed Pump #4 Run Time	44.2				hrs
Fuel Oil Pump #1 Run Time	0.0				hrs
Fuel Oil Pump #2 Run Time	0.2				hrs
	Boiler 1	Boiler 2	Boiler 3	Boiler 4	Units
Run Time	173.5	199.3	221.4	182.7	hrs
Steam Flow	2297.21	3143.11	3864.71	2679.27	klbs
Gas Flow	2547.46	3562.35	3749.23	3171.27	kscf
Natural Gas Cost	\$28,183.84	\$39,412.44	\$41,480.09	\$35,085.30	\$
Oil Flow	0.0	0.0	8.7	2.0	gals
Oil Cost	\$0.00	\$0.00	\$17.26	\$3.96	\$
Total Fuel Cost	\$28,183.84	\$39,412.44	\$41,497.35	\$35,089.26	\$
Average Steam Cost	\$12.27	\$12.54	\$10.74	\$13.10	\$/klbs
Efficiency By Losses	82.3	81.7	82.0	82.7	%
Efficiency By I/O	88.3	86.4	100.9	82.7	%