

Southside Virginia Training Center

Heating Plant Month Operations Report

5/31/2007
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 Monthly Report

Description

	Plant				Units
Heating Degree Days	124.77				hdd
Total Plant Steam Flow	8,998.43				klbs
Steam Flow Per Heating Degree Day	72.1				klbs/hdd
Total Condensate Return Water Flow	0.0				klbs
Total Plant Gas Flow	9,538.73				kscf
Total Plant Gas Cost	\$105,532.35				\$
Total Plant Oil Flow	0.0				gals
Total Plant Oil Cost	\$0.00				\$
Total Plant Fuel Cost	\$105,532.35				\$
Fuel Cost Per Heating Degree Day	\$845.82				\$/hdd
Plant Average Steam Cost Per Degree Day	\$0.09				\$/klbs
Total Plant Efficiency By I/O	92.4				%
Condensate Transfer Pump #1 Run Time	334.3				hrs
Condensate Transfer Pump #2 Run Time	173.5				hrs
Condensate Transfer Pump #3 Run Time	235.0				hrs
Boiler Feed Pump #1 Run Time	350.5				hrs
Boiler Feed Pump #2 Run Time	126.9				hrs
Boiler Feed Pump #3 Run Time	41.9				hrs
Boiler Feed Pump #4 Run Time	223.5				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	176.1	243.2	177.5	173.3	hrs
Steam Flow	1765.52	2638.23	2564.36	2030.32	klbs
Gas Flow	1964.07	2907.18	2306.29	2361.19	kscf
Natural Gas Cost	\$21,729.06	\$32,163.92	\$25,516.10	\$26,123.27	\$
Oil Flow	0.0	0.0	0.0	0.0	gals
Oil Cost	\$0.00	\$0.00	\$0.00	\$0.00	\$
Total Fuel Cost	\$21,729.06	\$32,163.92	\$25,516.10	\$26,123.27	\$
Average Steam Cost	\$12.31	\$12.19	\$9.95	\$12.87	\$/klbs
Efficiency By Losses	82.5	81.5	82.0	82.6	%
Efficiency By I/O	88.0	88.9	108.9	84.2	%