

Southside Virginia Training Center

Heating Plant Month Operations Report

7/31/2008
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 Monthly Report

Description

	Plant				Units
Heating Degree Days	9.87				hdd
Total Plant Steam Flow	4,127.61				klbs
Steam Flow Per Heating Degree Day	832.1				klbs/hdd
Total Condensate Return Water Flow	59.9				klbs
Total Plant Gas Flow	5,535.31				kscf
Total Plant Gas Cost	\$58,654.12				\$
Total Plant Oil Flow	21.2				gals
Total Plant Oil Cost	\$57.95				\$
Total Plant Fuel Cost	\$58,654.12				\$
Fuel Cost Per Heating Degree Day	\$11,670.57				\$/hdd
Plant Average Steam Cost Per Degree Day	\$1.42				\$/klbs
Total Plant Efficiency By I/O	77.3				%
Condensate Transfer Pump #1 Run Time	172.7				hrs
Condensate Transfer Pump #2 Run Time	288.6				hrs
Condensate Transfer Pump #3 Run Time	281.6				hrs
Boiler Feed Pump #1 Run Time	53.1				hrs
Boiler Feed Pump #2 Run Time	403.7				hrs
Boiler Feed Pump #3 Run Time	249.0				hrs
Boiler Feed Pump #4 Run Time	13.0				hrs
Fuel Oil Pump #1 Run Time	0.6				hrs
Fuel Oil Pump #2 Run Time	0.1				hrs
	Boiler 1	Boiler 2	Boiler 3	Boiler 4	Units
Run Time	20.0	161.8	180.7	386.6	hrs
Steam Flow	107.37	905.72	964.45	2279.26	klbs
Gas Flow	419.20	1088.02	1164.39	2683.44	kscf
Natural Gas Cost	\$1,834.97	\$10,568.00	\$15,079.13	\$24,929.52	\$
Oil Flow	7.7	12.5	1.1	0.0	gals
Oil Cost	\$31.15	\$24.70	\$2.10	\$0.00	\$
Total Fuel Cost	\$1,834.97	\$10,568.00	\$15,079.13	\$24,929.52	\$
Average Steam Cost	\$24.37	\$13.15	\$13.45	\$13.82	\$/klbs
Efficiency By Losses	81.8	81.9	81.9	82.0	%
Efficiency By I/O	44.6	82.4	80.6	78.4	%