

Southside Virginia Training Center

Heating Plant Month Operations Report

6/30/2012
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 Monthly Report

Description

	Plant				Units
Heating Degree Days	35.26				hdd
Total Plant Steam Flow	4,098.18				klbs
Steam Flow Per Heating Degree Day	116.2				klbs/hdd
Total Condensate Return Water Flow	205.2				klbs
Total Plant Gas Flow	5,251.10				kscf
Total Plant Gas Cost	\$36,243.31				\$
Total Plant Oil Flow	0.0				gals
Total Plant Oil Cost	\$0.04				\$
Total Plant Fuel Cost	\$36,243.35				\$
Fuel Cost Per Heating Degree Day	\$1,027.89				\$/hdd
Plant Average Steam Cost Per Degree Day	\$0.25				\$/klbs
Total Plant Efficiency By I/O	76.4				%
Condensate Transfer Pump #1 Run Time	258.0				hrs
Condensate Transfer Pump #2 Run Time	167.5				hrs
Condensate Transfer Pump #3 Run Time	294.0				hrs
Boiler Feed Pump #1 Run Time	117.5				hrs
Boiler Feed Pump #2 Run Time	260.4				hrs
Boiler Feed Pump #3 Run Time	175.3				hrs
Boiler Feed Pump #4 Run Time	167.9				hrs
Fuel Oil Pump #1 Run Time	0.1				hrs
Fuel Oil Pump #2 Run Time	0.0				hrs
	Boiler 1	Boiler 2	Boiler 3	Boiler 4	Units
Run Time	172.4	167.2	163.5	220.9	hrs
Steam Flow	965.48	993.90	878.08	1260.72	klbs
Gas Flow	1240.98	1331.28	1087.81	1591.03	kscf
Natural Gas Cost	\$8,565.29	\$9,188.55	\$7,508.01	\$10,981.46	\$
Oil Flow	0.0	0.0	0.0	0.0	gals
Oil Cost	\$0.00	\$0.00	\$0.00	\$0.04	\$
Total Fuel Cost	\$8,565.29	\$9,188.55	\$7,508.01	\$10,981.50	\$
Average Steam Cost	\$8.87	\$9.24	\$8.55	\$8.71	\$/klbs
Efficiency By Losses	83.0	77.6	82.9	82.3	%
Efficiency By I/O	76.2	73.1	79.0	77.6	%