

Southside Virginia Training Center

Heating Plant Month Operations Report

4/30/2009
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 Monthly Report

Description

	Plant				Units
Heating Degree Days	293.56				hdd
Total Plant Steam Flow	6,942.60				klbs
Steam Flow Per Heating Degree Day	23.6				klbs/hdd
Total Condensate Return Water Flow	132.6				klbs
Total Plant Gas Flow	8,091.75				kscf
Total Plant Gas Cost	\$89,523.17				\$
Total Plant Oil Flow	0.0				gals
Total Plant Oil Cost	\$0.00				\$
Total Plant Fuel Cost	\$89,523.17				\$
Fuel Cost Per Heating Degree Day	\$304.96				\$/hdd
Plant Average Steam Cost Per Degree Day	\$0.04				\$/klbs
Total Plant Efficiency By I/O	84.0				%
Condensate Transfer Pump #1 Run Time	166.1				hrs
Condensate Transfer Pump #2 Run Time	204.6				hrs
Condensate Transfer Pump #3 Run Time	348.2				hrs
Boiler Feed Pump #1 Run Time	175.6				hrs
Boiler Feed Pump #2 Run Time	64.7				hrs
Boiler Feed Pump #3 Run Time	174.3				hrs
Boiler Feed Pump #4 Run Time	304.2				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	260.7	170.0	196.4	109.8	hrs
Steam Flow	2199.04	1845.92	1955.22	942.42	klbs
Gas Flow	2541.02	2100.87	2272.29	1177.57	kscf
Natural Gas Cost	\$28,112.71	\$23,242.95	\$25,139.63	\$13,027.88	\$
Oil Flow	0.0	0.0	0.0	0.0	gals
Oil Cost	\$0.00	\$0.00	\$0.00	\$0.00	\$
Total Fuel Cost	\$28,112.71	\$23,242.95	\$25,139.63	\$13,027.88	\$
Average Steam Cost	\$12.78	\$12.59	\$12.86	\$13.82	\$/klbs
Efficiency By Losses	82.0	82.4	82.1	81.5	%
Efficiency By I/O	84.8	86.0	84.3	78.4	%