

Southside Virginia Training Center

Heating Plant Month Operations Report

2/28/2011
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 Monthly Report

Description

	Plant				Units
Heating Degree Days	626.72				hdd
Total Plant Steam Flow	9,712.99				klbs
Steam Flow Per Heating Degree Day	15.5				klbs/hdd
Total Condensate Return Water Flow	117.5				klbs
Total Plant Gas Flow	11,339.75				kscf
Total Plant Gas Cost	\$78,267.07				\$
Total Plant Oil Flow	0.0				gals
Total Plant Oil Cost	\$0.00				\$
Total Plant Fuel Cost	\$78,267.07				\$
Fuel Cost Per Heating Degree Day	\$124.88				\$/hdd
Plant Average Steam Cost Per Degree Day	\$0.01				\$/klbs
Total Plant Efficiency By I/O	83.9				%
Condensate Transfer Pump #1 Run Time	190.6				hrs
Condensate Transfer Pump #2 Run Time	232.2				hrs
Condensate Transfer Pump #3 Run Time	259.5				hrs
Boiler Feed Pump #1 Run Time	165.0				hrs
Boiler Feed Pump #2 Run Time	168.7				hrs
Boiler Feed Pump #3 Run Time	165.1				hrs
Boiler Feed Pump #4 Run Time	173.1				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	175.3	169.8	172.1	170.5	hrs
Steam Flow	2290.78	2744.24	2421.04	2256.93	klbs
Gas Flow	2588.46	3216.12	2827.50	2707.67	kscf
Natural Gas Cost	\$17,865.56	\$22,197.57	\$19,515.44	\$18,688.50	\$
Oil Flow	0.0	0.0	0.0	0.0	gals
Oil Cost	\$0.00	\$0.00	\$0.00	\$0.00	\$
Total Fuel Cost	\$17,865.56	\$22,197.57	\$19,515.44	\$18,688.50	\$
Average Steam Cost	\$7.80	\$8.09	\$8.06	\$8.28	\$/klbs
Efficiency By Losses	83.1	78.8	82.1	81.9	%
Efficiency By I/O	86.7	83.6	83.9	81.6	%