

Southside Virginia Training Center

Heating Plant Month Operations Report

1/31/2013
 11:59 PM
 Monthly Report

Description

	Plant				Units
Heating Degree Days	810.52				hdd
Total Plant Steam Flow	11,043.40				klbs
Steam Flow Per Heating Degree Day	13.6				klbs/hdd
Total Condensate Return Water Flow	220.7				klbs
Total Plant Gas Flow	12,920.14				kscf
Total Plant Gas Cost	\$89,175.12				\$
Total Plant Oil Flow	0.0				gals
Total Plant Oil Cost	\$0.00				\$
Total Plant Fuel Cost	\$89,175.12				\$
Fuel Cost Per Heating Degree Day	\$110.02				\$/hdd
Plant Average Steam Cost Per Degree Day	\$0.01				\$/klbs
Total Plant Efficiency By I/O	83.7				%
Condensate Transfer Pump #1 Run Time	249.2				hrs
Condensate Transfer Pump #2 Run Time	327.4				hrs
Condensate Transfer Pump #3 Run Time	167.5				hrs
Boiler Feed Pump #1 Run Time	165.1				hrs
Boiler Feed Pump #2 Run Time	171.4				hrs
Boiler Feed Pump #3 Run Time	198.7				hrs
Boiler Feed Pump #4 Run Time	208.9				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	175.8	222.6	195.6	177.7	hrs
Steam Flow	2751.86	3379.45	2748.38	2163.71	klbs
Gas Flow	3068.50	4218.77	3090.96	2541.91	kscf
Natural Gas Cost	\$21,178.74	\$29,118.02	\$21,333.73	\$17,544.63	\$
Oil Flow	0.0	0.0	0.0	0.0	gals
Oil Cost	\$0.00	\$0.00	\$0.00	\$0.00	\$
Total Fuel Cost	\$21,178.74	\$29,118.02	\$21,333.73	\$17,544.63	\$
Average Steam Cost	\$7.70	\$8.62	\$7.76	\$8.11	\$/klbs
Efficiency By Losses	83.3	78.7	82.5	82.3	%
Efficiency By I/O	87.8	78.4	87.1	83.4	%