

Southside Virginia Training Center

Heating Plant Month Operations Report

7/31/2007
 11:59 PM
 Monthly Report

Description

	Plant				Units
Heating Degree Days	6.18				hdd
Total Plant Steam Flow	4,219.04				klbs
Steam Flow Per Heating Degree Day	682.7				klbs/hdd
Total Condensate Return Water Flow	0.0				klbs
Total Plant Gas Flow	5,343.88				kscf
Total Plant Gas Cost	\$59,123.22				\$
Total Plant Oil Flow	0.0				gals
Total Plant Oil Cost	\$0.00				\$
Total Plant Fuel Cost	\$59,123.22				\$
Fuel Cost Per Heating Degree Day	\$9,566.86				\$/hdd
Plant Average Steam Cost Per Degree Day	\$2.27				\$/klbs
Total Plant Efficiency By I/O	77.3				%
Condensate Transfer Pump #1 Run Time	236.8				hrs
Condensate Transfer Pump #2 Run Time	297.3				hrs
Condensate Transfer Pump #3 Run Time	208.2				hrs
Boiler Feed Pump #1 Run Time	199.3				hrs
Boiler Feed Pump #2 Run Time	45.7				hrs
Boiler Feed Pump #3 Run Time	50.7				hrs
Boiler Feed Pump #4 Run Time	448.4				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	290.1	41.1	12.1	407.8	hrs
Steam Flow	1637.07	215.90	0.00	2366.07	klbs
Gas Flow	1957.89	336.23	65.32	2984.44	kscf
Natural Gas Cost	\$21,661.34	\$3,720.24	\$723.30	\$33,018.34	\$
Oil Flow	0.0	0.0	0.0	0.0	gals
Oil Cost	\$0.00	\$0.00	\$0.00	\$0.00	\$
Total Fuel Cost	\$21,661.34	\$3,720.24	\$723.30	\$33,018.34	\$
Average Steam Cost	\$13.23	\$17.23	---	\$13.95	\$/klbs
Efficiency By Losses	81.9	81.6	82.4	82.8	%
Efficiency By I/O	81.9	62.9	0.0	77.6	%