

Southside Virginia Training Center

Heating Plant Month Operations Report

6/30/2008
 11:59 PM
 Monthly Report

Description

	Plant				Units
Heating Degree Days	6.18				hdd
Total Plant Steam Flow	4,085.30				klbs
Steam Flow Per Heating Degree Day	682.7				klbs/hdd
Total Condensate Return Water Flow	0.0				klbs
Total Plant Gas Flow	4,871.00				kscf
Total Plant Gas Cost	\$56,476.48				\$
Total Plant Oil Flow	0.0				gals
Total Plant Oil Cost	\$0.00				\$
Total Plant Fuel Cost	\$56,476.48				\$
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	164.5				hrs
Condensate Transfer Pump #2 Run Time	215.4				hrs
Condensate Transfer Pump #3 Run Time	339.2				hrs
Boiler Feed Pump #1 Run Time	200.1				hrs
Boiler Feed Pump #2 Run Time	167.1				hrs
Boiler Feed Pump #3 Run Time	197.7				hrs
Boiler Feed Pump #4 Run Time	178.3				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	40.8	163.3	80.3	430.1	hrs
Steam Flow	223.90	991.30	486.60	2262.86	klbs
Gas Flow	307.65	1164.38	599.09	2980.24	kscf
Natural Gas Cost	\$546.84	\$12,849.81	\$6,595.83	\$32,626.60	\$
Oil Flow	0.0	0.0	0.0	0.0	gals
Oil Cost	\$0.00	\$0.00	\$0.00	\$0.00	\$
Total Fuel Cost	\$546.84	\$12,849.81	\$6,595.83	\$32,626.60	\$
Average Steam Cost	\$13.23	\$17.23	---	\$13.95	\$/klbs
Efficiency By Losses	81.9	82.1	82.4	82.8	%
Efficiency By I/O	81.9	84.1	84.0	77.6	%