

Southside Virginia Training Center

Heating Plant Month Operations Report

4/30/2010
 11:59 PM
 Monthly Report

Description

	Plant				Units
Heating Degree Days	221.40				hdd
Total Plant Steam Flow	5,913.92				klbs
Steam Flow Per Heating Degree Day	26.7				klbs/hdd
Total Condensate Return Water Flow	152.7				klbs
Total Plant Gas Flow	6,853.54				kscf
Total Plant Gas Cost	\$75,824.36				\$
Total Plant Oil Flow	0.0				gals
Total Plant Oil Cost	\$0.00				\$
Total Plant Fuel Cost	\$75,824.36				\$
Fuel Cost Per Heating Degree Day	\$342.48				\$/hdd
Plant Average Steam Cost Per Degree Day	\$0.06				\$/klbs
Total Plant Efficiency By I/O	84.5				%
Condensate Transfer Pump #1 Run Time	282.0				hrs
Condensate Transfer Pump #2 Run Time	270.2				hrs
Condensate Transfer Pump #3 Run Time	167.7				hrs
Boiler Feed Pump #1 Run Time	175.6				hrs
Boiler Feed Pump #2 Run Time	129.3				hrs
Boiler Feed Pump #3 Run Time	239.6				hrs
Boiler Feed Pump #4 Run Time	175.5				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	213.6	330.6	176.6	9.4	hrs
Steam Flow	1861.17	2571.61	1463.48	17.66	klbs
Gas Flow	2119.78	2971.01	1698.63	64.12	kscf
Natural Gas Cost	\$23,452.21	\$32,869.75	\$18,792.94	\$709.46	\$
Oil Flow	0.0	0.0	0.0	0.0	gals
Oil Cost	\$0.00	\$0.00	\$0.00	\$0.00	\$
Total Fuel Cost	\$23,452.21	\$32,869.75	\$18,792.94	\$709.46	\$
Average Steam Cost	\$12.60	\$12.78	\$12.84	\$40.17	\$/klbs
Efficiency By Losses	81.9	79.9	82.3	82.7	%
Efficiency By I/O	86.0	84.8	84.4	27.0	%