

Southside Virginia Training Center

Heating Plant Month Operations Report

1/31/2010
 11:59 PM
 Monthly Report

Description

	Plant				Units
Heating Degree Days	980.96				hdd
Total Plant Steam Flow	12,114.65				klbs
Steam Flow Per Heating Degree Day	12.3				klbs/hdd
Total Condensate Return Water Flow	132.8				klbs
Total Plant Gas Flow	14,307.93				kscf
Total Plant Gas Cost	\$158,295.98				\$
Total Plant Oil Flow	0.0				gals
Total Plant Oil Cost	\$0.00				\$
Total Plant Fuel Cost	\$158,295.98				\$
Fuel Cost Per Heating Degree Day	\$161.37				\$/hdd
Plant Average Steam Cost Per Degree Day	\$0.01				\$/klbs
Total Plant Efficiency By I/O	82.9				%
Condensate Transfer Pump #1 Run Time	295.0				hrs
Condensate Transfer Pump #2 Run Time	281.3				hrs
Condensate Transfer Pump #3 Run Time	167.5				hrs
Boiler Feed Pump #1 Run Time	175.5				hrs
Boiler Feed Pump #2 Run Time	217.9				hrs
Boiler Feed Pump #3 Run Time	175.0				hrs
Boiler Feed Pump #4 Run Time	175.3				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	182.6	0.0	269.9	314.0	hrs
Steam Flow	2758.82	0.00	4125.39	5230.44	klbs
Gas Flow	3051.80	0.00	4868.74	6387.39	kscf
Natural Gas Cost	\$33,763.72	\$0.00	\$53,865.37	\$70,666.89	\$
Oil Flow	0.0	0.0	0.0	0.0	gals
Oil Cost	\$0.00	\$0.00	\$0.00	\$0.00	\$
Total Fuel Cost	\$33,763.72	\$0.00	\$53,865.37	\$70,666.89	\$
Average Steam Cost	\$12.24	---	\$13.06	\$13.51	\$/klbs
Efficiency By Losses	82.2	---	82.1	82.0	%
Efficiency By I/O	88.5	---	83.0	80.2	%