

Southside Virginia Training Center

Heating Plant Month Operations Report

1/31/2007
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 Monthly Report

Description

	Plant				Units
Heating Degree Days	744.61				hdd
Total Plant Steam Flow	15,151.54				klbs
Steam Flow Per Heating Degree Day	20.3				klbs/hdd
Total Condensate Return Water Flow	0.0				klbs
Total Plant Gas Flow	18,598.60				kscf
Total Plant Gas Cost	\$205,766.11				\$
Total Plant Oil Flow	20.9				gals
Total Plant Oil Cost	\$41.38				\$
Total Plant Fuel Cost	\$205,807.49				\$
Fuel Cost Per Heating Degree Day	\$276.40				\$/hdd
Plant Average Steam Cost Per Degree Day	\$0.02				\$/klbs
Total Plant Efficiency By I/O	79.8				%
Condensate Transfer Pump #1 Run Time	32.5				hrs
Condensate Transfer Pump #2 Run Time	458.5				hrs
Condensate Transfer Pump #3 Run Time	252.9				hrs
Boiler Feed Pump #1 Run Time	350.0				hrs
Boiler Feed Pump #2 Run Time	144.2				hrs
Boiler Feed Pump #3 Run Time	66.7				hrs
Boiler Feed Pump #4 Run Time	183.1				hrs
Fuel Oil Pump #1 Run Time	2.7				hrs
Fuel Oil Pump #2 Run Time	0.1				hrs
	Boiler 1	Boiler 2	Boiler 3	Boiler 4	Units
Run Time	187.0	299.2	168.1	228.0	hrs
Steam Flow	3150.94	5504.90	2844.54	3651.16	klbs
Gas Flow	3813.41	7176.08	3099.23	4509.88	kscf
Natural Gas Cost	\$42,189.36	\$79,392.65	\$34,288.37	\$49,895.73	\$
Oil Flow	0.0	0.0	19.0	1.9	gals
Oil Cost	\$0.00	\$0.00	\$37.57	\$3.81	\$
Total Fuel Cost	\$42,189.36	\$79,392.65	\$34,325.94	\$49,899.54	\$
Average Steam Cost	\$13.39	\$14.42	\$12.07	\$13.67	\$/klbs
Efficiency By Losses	81.1	82.3	82.3	82.7	%
Efficiency By I/O	80.9	75.1	89.8	79.3	%