

Southside Virginia Training Center

Heating Plant Month Operations Report

4/30/2007
 11:59 PM
 Monthly Report

Description

	Plant				Units
Heating Degree Days	344.58				hdd
Total Plant Steam Flow	12,106.12				klbs
Steam Flow Per Heating Degree Day	35.1				klbs/hdd
Total Condensate Return Water Flow	0.0				klbs
Total Plant Gas Flow	13,445.99				kscf
Total Plant Gas Cost	\$148,760.05				\$
Total Plant Oil Flow	0.3				gals
Total Plant Oil Cost	\$0.64				\$
Total Plant Fuel Cost	\$148,760.69				\$
Fuel Cost Per Heating Degree Day	\$431.72				\$/hdd
Plant Average Steam Cost Per Degree Day	\$0.04				\$/klbs
Total Plant Efficiency By I/O	88.2				%
Condensate Transfer Pump #1 Run Time	167.3				hrs
Condensate Transfer Pump #2 Run Time	201.8				hrs
Condensate Transfer Pump #3 Run Time	350.8				hrs
Boiler Feed Pump #1 Run Time	220.5				hrs
Boiler Feed Pump #2 Run Time	267.3				hrs
Boiler Feed Pump #3 Run Time	135.3				hrs
Boiler Feed Pump #4 Run Time	117.2				hrs
Fuel Oil Pump #1 Run Time	4.9				hrs
Fuel Oil Pump #2 Run Time	0.4				hrs
	Boiler 1	Boiler 2	Boiler 3	Boiler 4	Units
Run Time	174.7	25.3	368.4	214.2	hrs
Steam Flow	2110.07	196.91	6532.64	3266.50	klbs
Gas Flow	2329.14	271.33	6973.30	3872.22	kscf
Natural Gas Cost	\$25,768.12	\$3,002.36	\$77,149.48	\$42,840.09	\$
Oil Flow	0.1	0.1	0.1	0.1	gals
Oil Cost	\$0.16	\$0.16	\$0.16	\$0.16	\$
Total Fuel Cost	\$25,768.28	\$3,002.52	\$77,149.64	\$42,840.25	\$
Average Steam Cost	\$12.21	\$15.25	\$11.81	\$13.12	\$/klbs
Efficiency By Losses	82.7	82.0	82.2	82.7	%
Efficiency By I/O	88.7	71.1	91.7	82.6	%