

Southside Virginia Training Center

Heating Plant Month Operations Report

2/28/2010
 11:59 PM
 Monthly Report

Description

	Plant				Units
Heating Degree Days	897.15				hdd
Total Plant Steam Flow	11,560.79				klbs
Steam Flow Per Heating Degree Day	12.9				klbs/hdd
Total Condensate Return Water Flow	114.8				klbs
Total Plant Gas Flow	13,565.71				kscf
Total Plant Gas Cost	\$150,084.57				\$
Total Plant Oil Flow	0.0				gals
Total Plant Oil Cost	\$0.00				\$
Total Plant Fuel Cost	\$150,084.57				\$
Fuel Cost Per Heating Degree Day	\$167.29				\$/hdd
Plant Average Steam Cost Per Degree Day	\$0.01				\$/klbs
Total Plant Efficiency By I/O	83.5				%
Condensate Transfer Pump #1 Run Time	167.9				hrs
Condensate Transfer Pump #2 Run Time	247.9				hrs
Condensate Transfer Pump #3 Run Time	256.2				hrs
Boiler Feed Pump #1 Run Time	175.1				hrs
Boiler Feed Pump #2 Run Time	146.7				hrs
Boiler Feed Pump #3 Run Time	174.6				hrs
Boiler Feed Pump #4 Run Time	175.2				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	178.7	111.4	201.5	221.0	hrs
Steam Flow	3108.99	1745.04	3493.99	3212.77	klbs
Gas Flow	3510.27	2057.00	4159.49	3838.95	kscf
Natural Gas Cost	\$38,835.95	\$22,757.63	\$46,018.61	\$42,472.38	\$
Oil Flow	0.0	0.0	0.0	0.0	gals
Oil Cost	\$0.00	\$0.00	\$0.00	\$0.00	\$
Total Fuel Cost	\$38,835.95	\$22,757.63	\$46,018.61	\$42,472.38	\$
Average Steam Cost	\$12.49	\$13.04	\$13.17	\$13.22	\$/klbs
Efficiency By Losses	82.2	79.9	82.2	82.1	%
Efficiency By I/O	86.7	83.1	82.3	82.0	%