

Southside Virginia Training Center

Heating Plant Month Operations Report

2/28/2009
 11:59 PM
 Monthly Report

Description

	Plant				Units
Heating Degree Days	700.62				hdd
Total Plant Steam Flow	10,151.01				klbs
Steam Flow Per Heating Degree Day	14.5				klbs/hdd
Total Condensate Return Water Flow	113.0				klbs
Total Plant Gas Flow	11,841.55				kscf
Total Plant Gas Cost	\$131,009.07				\$
Total Plant Oil Flow	0.0				gals
Total Plant Oil Cost	\$0.00				\$
Total Plant Fuel Cost	\$131,009.07				\$
Fuel Cost Per Heating Degree Day	\$186.99				\$/hdd
Plant Average Steam Cost Per Degree Day	\$0.02				\$/klbs
Total Plant Efficiency By I/O	84.0				%
Condensate Transfer Pump #1 Run Time	258.0				hrs
Condensate Transfer Pump #2 Run Time	246.3				hrs
Condensate Transfer Pump #3 Run Time	167.5				hrs
Boiler Feed Pump #1 Run Time	146.9				hrs
Boiler Feed Pump #2 Run Time	174.8				hrs
Boiler Feed Pump #3 Run Time	175.1				hrs
Boiler Feed Pump #4 Run Time	174.8				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	96.9	207.8	175.3	228.4	hrs
Steam Flow	1248.88	3276.53	2577.13	3048.47	klbs
Gas Flow	1406.17	3763.23	3057.74	3614.41	kscf
Natural Gas Cost	\$15,557.14	\$41,634.48	\$33,829.36	\$39,988.09	\$
Oil Flow	0.0	0.0	0.0	0.0	gals
Oil Cost	\$0.00	\$0.00	\$0.00	\$0.00	\$
Total Fuel Cost	\$15,557.14	\$41,634.48	\$33,829.36	\$39,988.09	\$
Average Steam Cost	\$12.46	\$12.71	\$13.13	\$13.12	\$/klbs
Efficiency By Losses	82.4	82.0	82.0	82.0	%
Efficiency By I/O	87.0	85.3	82.5	82.6	%