

Southside Virginia Training Center

Heating Plant Year Operations Report

12/31/2012
 11:59 PM
 Yearly Report

Description

	Plant				Units
Heating Degree Days	3,847.01				hdd
Total Plant Steam Flow	80,915.33				klbs
Steam Flow Per Heating Degree Day	21.0				klbs/hdd
Total Condensate Return Water Flow	2,405.3				klbs
Total Plant Gas Flow	98,447.22				kscf
Total Plant Gas Cost	\$679,483.91				\$
Total Plant Oil Flow	0.3				gals
Total Plant Oil Cost	\$1.32				\$
Total Plant Fuel Cost	\$679,485.23				\$
Fuel Cost Per Heating Degree Day	\$176.63				\$/hdd
Plant Average Steam Cost Per Degree Day	\$0.00				\$/klbs
Total Plant Efficiency By I/O	80.5				%
Condensate Transfer Pump #1 Run Time	2,991.1				hrs
Condensate Transfer Pump #2 Run Time	2,834.9				hrs
Condensate Transfer Pump #3 Run Time	2,954.4				hrs
Boiler Feed Pump #1 Run Time	1,586.8				hrs
Boiler Feed Pump #2 Run Time	2,719.2				hrs
Boiler Feed Pump #3 Run Time	2,058.0				hrs
Boiler Feed Pump #4 Run Time	2,426.5				hrs
Fuel Oil Pump #1 Run Time	0.1				hrs
Fuel Oil Pump #2 Run Time	0.1				hrs
	Boiler 1	Boiler 2	Boiler 3	Boiler 4	Units
Run Time	2258.0	2571.0	2584.2	1474.9	hrs
Steam Flow	21693.08	24225.33	23536.13	11460.79	klbs
Gas Flow	25404.02	31109.27	27802.40	14131.53	kscf
Natural Gas Cost	\$175,338.78	\$214,716.46	\$191,892.43	\$97,536.24	\$
Oil Flow	0.1	0.1	0.1	0.1	gals
Oil Cost	\$0.32	\$0.32	\$0.32	\$0.36	\$
Total Fuel Cost	\$175,339.10	\$214,716.78	\$191,892.75	\$97,536.60	\$
Average Steam Cost	\$8.08	\$8.86	\$8.15	\$8.51	\$/klbs
Efficiency By Losses	83.1	78.1	82.9	82.3	%
Efficiency By I/O	83.6	76.3	82.9	79.4	%