

Southside Virginia Training Center

Heating Plant Month Operations Report

12/31/2006
 11:59 PM
 Monthly Report

Description

	Plant				Units
Heating Degree Days	1,174.82				hdd
Total Plant Steam Flow	30,022.08				klbs
Steam Flow Per Heating Degree Day	25.6				klbs/hdd
Total Condensate Return Water Flow	98.4				klbs
Total Plant Gas Flow	36,200.50				kscf
Total Plant Gas Cost	\$400,505.58				\$
Total Plant Oil Flow	0.0				gals
Total Plant Oil Cost	\$0.00				\$
Total Plant Fuel Cost	\$400,505.58				\$
Fuel Cost Per Heating Degree Day	\$340.91				\$/hdd
Plant Average Steam Cost Per Degree Day	\$0.01				\$/klbs
Total Plant Efficiency By I/O	81.2				%
Condensate Transfer Pump #1 Run Time	424.2				hrs
Condensate Transfer Pump #2 Run Time	522.8				hrs
Condensate Transfer Pump #3 Run Time	516.9				hrs
Boiler Feed Pump #1 Run Time	573.3				hrs
Boiler Feed Pump #2 Run Time	419.5				hrs
Boiler Feed Pump #3 Run Time	231.6				hrs
Boiler Feed Pump #4 Run Time	239.7				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	620.8	593.7	75.0	523.8	hrs
Steam Flow	10400.73	10558.66	1255.84	7806.85	klbs
Gas Flow	12487.62	12630.55	1382.41	9699.92	kscf
Natural Gas Cost	\$138,156.43	\$139,738.54	\$15,294.38	\$107,316.23	\$
Oil Flow	0.0	0.0	0.0	0.0	gals
Oil Cost	\$0.00	\$0.00	\$0.00	\$0.00	\$
Total Fuel Cost	\$138,156.43	\$139,738.54	\$15,294.38	\$107,316.23	\$
Average Steam Cost	\$13.28	\$13.23	\$12.18	\$13.75	\$/klbs
Efficiency By Losses	81.2	81.9	82.4	82.7	%
Efficiency By I/O	81.6	81.9	89.0	78.8	%