

Southside Virginia Training Center

Heating Plant Month Operations Report

10/31/2011
 11:59 PM
 Monthly Report

Description

	Plant				Units
Heating Degree Days	323.02				hdd
Total Plant Steam Flow	5,976.53				klbs
Steam Flow Per Heating Degree Day	18.5				klbs/hdd
Total Condensate Return Water Flow	195.2				klbs
Total Plant Gas Flow	7,320.98				kscf
Total Plant Gas Cost	\$50,529.66				\$
Total Plant Oil Flow	0.0				gals
Total Plant Oil Cost	\$0.00				\$
Total Plant Fuel Cost	\$50,529.66				\$
Fuel Cost Per Heating Degree Day	\$156.43				\$/hdd
Plant Average Steam Cost Per Degree Day	\$0.03				\$/klbs
Total Plant Efficiency By I/O	79.9				%
Condensate Transfer Pump #1 Run Time	334.0				hrs
Condensate Transfer Pump #2 Run Time	181.4				hrs
Condensate Transfer Pump #3 Run Time	228.2				hrs
Boiler Feed Pump #1 Run Time	183.8				hrs
Boiler Feed Pump #2 Run Time	68.1				hrs
Boiler Feed Pump #3 Run Time	209.0				hrs
Boiler Feed Pump #4 Run Time	283.6				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	170.0	169.0	175.8	242.6	hrs
Steam Flow	1150.21	1198.16	1387.14	2241.02	klbs
Gas Flow	1464.29	1450.05	1671.98	2734.66	kscf
Natural Gas Cost	\$10,106.52	\$10,008.34	\$11,540.06	\$18,874.74	\$
Oil Flow	0.0	0.0	0.0	0.0	gals
Oil Cost	\$0.00	\$0.00	\$0.00	\$0.00	\$
Total Fuel Cost	\$10,106.52	\$10,008.34	\$11,540.06	\$18,874.74	\$
Average Steam Cost	\$8.79	\$8.35	\$8.32	\$8.42	\$/klbs
Efficiency By Losses	82.9	77.8	83.0	81.7	%
Efficiency By I/O	76.9	80.9	81.2	80.3	%