

Southside Virginia Training Center

Heating Plant Month Operations Report

9/30/2013
 11:59 PM
 Monthly Report

Description

	Plant				Units
Heating Degree Days	94.50				hdd
Total Plant Steam Flow	4,177.63				klbs
Steam Flow Per Heating Degree Day	44.2				klbs/hdd
Total Condensate Return Water Flow	238.1				klbs
Total Plant Gas Flow	5,386.01				kscf
Total Plant Gas Cost	\$37,174.65				\$
Total Plant Oil Flow	0.0				gals
Total Plant Oil Cost	\$0.00				\$
Total Plant Fuel Cost	\$37,174.65				\$
Fuel Cost Per Heating Degree Day	\$393.38				\$/hdd
Plant Average Steam Cost Per Degree Day	\$0.09				\$/klbs
Total Plant Efficiency By I/O	76.0				%
Condensate Transfer Pump #1 Run Time	291.9				hrs
Condensate Transfer Pump #2 Run Time	254.6				hrs
Condensate Transfer Pump #3 Run Time	172.7				hrs
Boiler Feed Pump #1 Run Time	215.7				hrs
Boiler Feed Pump #2 Run Time	167.0				hrs
Boiler Feed Pump #3 Run Time	171.4				hrs
Boiler Feed Pump #4 Run Time	165.1				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	167.2	268.9	286.5	11.4	hrs
Steam Flow	930.20	1594.38	1641.60	11.45	klbs
Gas Flow	1255.41	2099.59	1967.93	63.08	kscf
Natural Gas Cost	\$8,664.96	\$14,491.43	\$13,582.85	\$435.41	\$
Oil Flow	0.0	0.0	0.0	0.0	gals
Oil Cost	\$0.00	\$0.00	\$0.00	\$0.00	\$
Total Fuel Cost	\$8,664.96	\$14,491.43	\$13,582.85	\$435.41	\$
Average Steam Cost	\$9.32	\$9.09	\$8.27	\$38.03	\$/klbs
Efficiency By Losses	82.9	78.6	81.8	83.1	%
Efficiency By I/O	72.6	74.4	81.7	17.8	%