

Southside Virginia Training Center

Heating Plant Month Operations Report

5/31/2009
 11:59 PM
 Monthly Report

Description

	Plant				Units
Heating Degree Days	104.18				hdd
Total Plant Steam Flow	5,074.66				klbs
Steam Flow Per Heating Degree Day	48.7				klbs/hdd
Total Condensate Return Water Flow	156.1				klbs
Total Plant Gas Flow	5,981.71				kscf
Total Plant Gas Cost	\$66,178.89				\$
Total Plant Oil Flow	0.0				gals
Total Plant Oil Cost	\$0.00				\$
Total Plant Fuel Cost	\$66,178.89				\$
Fuel Cost Per Heating Degree Day	\$635.24				\$/hdd
Plant Average Steam Cost Per Degree Day	\$0.13				\$/klbs
Total Plant Efficiency By I/O	83.1				%
Condensate Transfer Pump #1 Run Time	302.6				hrs
Condensate Transfer Pump #2 Run Time	168.1				hrs
Condensate Transfer Pump #3 Run Time	269.6				hrs
Boiler Feed Pump #1 Run Time	145.6				hrs
Boiler Feed Pump #2 Run Time	236.6				hrs
Boiler Feed Pump #3 Run Time	175.0				hrs
Boiler Feed Pump #4 Run Time	183.0				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	271.2	297.4	171.3	0.0	hrs
Steam Flow	1848.66	1984.51	1241.49	0.00	klbs
Gas Flow	2221.07	2303.42	1457.22	0.00	kscf
Natural Gas Cost	\$24,572.89	\$25,483.88	\$16,122.12	\$0.00	\$
Oil Flow	0.0	0.0	0.0	0.0	gals
Oil Cost	\$0.00	\$0.00	\$0.00	\$0.00	\$
Total Fuel Cost	\$24,572.89	\$25,483.88	\$16,122.12	\$0.00	\$
Average Steam Cost	\$13.29	\$12.84	\$12.99	---	\$/klbs
Efficiency By Losses	81.3	82.1	82.1	---	%
Efficiency By I/O	81.5	84.4	83.4	---	%