

Southside Virginia Training Center

Heating Plant Month Operations Report

5/31/2011
 11:59 PM
 Monthly Report

Description

	Plant				Units
Heating Degree Days	330.35				hdd
Total Plant Steam Flow	5,509.12				klbs
Steam Flow Per Heating Degree Day	37.7				klbs/hdd
Total Condensate Return Water Flow	179.6				klbs
Total Plant Gas Flow	6,760.19				kscf
Total Plant Gas Cost	\$47,371.85				\$
Total Plant Oil Flow	0.0				gals
Total Plant Oil Cost	\$0.00				\$
Total Plant Fuel Cost	\$47,371.85				\$
Fuel Cost Per Heating Degree Day	\$313.74				\$/hdd
Plant Average Steam Cost Per Degree Day	\$0.03				\$/klbs
Total Plant Efficiency By I/O	81.2				%
Condensate Transfer Pump #1 Run Time	282.3				hrs
Condensate Transfer Pump #2 Run Time	167.5				hrs
Condensate Transfer Pump #3 Run Time	295.7				hrs
Boiler Feed Pump #1 Run Time	168.1				hrs
Boiler Feed Pump #2 Run Time	241.1				hrs
Boiler Feed Pump #3 Run Time	172.7				hrs
Boiler Feed Pump #4 Run Time	163.2				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	169.3	198.1	223.8	168.9	hrs
Steam Flow	1165.67	945.46	1658.05	1281.63	klbs
Gas Flow	1476.60	1692.54	1984.47	1603.58	kscf
Natural Gas Cost	\$10,191.42	\$12,415.79	\$13,696.81	\$11,068.00	\$
Oil Flow	0.0	0.0	0.0	0.0	gals
Oil Cost	\$0.00	\$0.00	\$0.00	\$0.00	\$
Total Fuel Cost	\$10,191.42	\$12,415.79	\$13,696.81	\$11,068.00	\$
Average Steam Cost	\$8.62	\$8.16	\$8.12	\$8.52	\$/klbs
Efficiency By Losses	82.8	78.7	82.9	81.9	%
Efficiency By I/O	78.4	82.9	83.3	79.3	%