

Southside Virginia Training Center

Heating Plant Month Operations Report

8/31/2012
11:59 PM
Monthly Report

Description

	Plant	Units			
Heating Degree Days	0.77	hdd			
Total Plant Steam Flow	3,727.87	klbs			
Steam Flow Per Heating Degree Day	4,841.4	klbs/hdd			
Total Condensate Return Water Flow	255.4	klbs			
Total Plant Gas Flow	4,965.54	kscf			
Total Plant Gas Cost	\$34,272.16	\$			
Total Plant Oil Flow	0.0	gals			
Total Plant Oil Cost	\$0.00	\$			
Total Plant Fuel Cost	\$34,272.16	\$			
Fuel Cost Per Heating Degree Day	\$44,509.30	\$/hdd			
Plant Average Steam Cost Per Degree Day	\$11.94	\$/klbs			
Total Plant Efficiency By I/O	73.5	%			
Condensate Transfer Pump #1 Run Time	182.7	hrs			
Condensate Transfer Pump #2 Run Time	339.5	hrs			
Condensate Transfer Pump #3 Run Time	221.8	hrs			
Boiler Feed Pump #1 Run Time	0.0	hrs			
Boiler Feed Pump #2 Run Time	188.6	hrs			
Boiler Feed Pump #3 Run Time	201.7	hrs			
Boiler Feed Pump #4 Run Time	353.7	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	168.2	163.6	226.0	170.0	hrs
Steam Flow	862.25	862.85	1157.96	844.81	klbs
Gas Flow	1157.08	1221.34	1477.65	1109.47	kscf
Natural Gas Cost	\$7,986.20	\$8,429.77	\$10,198.65	\$7,657.54	\$
Oil Flow	0.0	0.0	0.0	0.0	gals
Oil Cost	\$0.00	\$0.00	\$0.00	\$0.00	\$
Total Fuel Cost	\$7,986.20	\$8,429.77	\$10,198.65	\$7,657.54	\$
Average Steam Cost	\$9.26	\$9.77	\$8.81	\$9.06	\$/klbs
Efficiency By Losses	82.8	78.7	82.9	82.5	%
Efficiency By I/O	73.0	69.2	76.7	74.6	%