

Southside Virginia Training Center

Heating Plant Month Operations Report

9/30/2006
11:59 PM
Monthly Report

Description

	Plant	Units			
Heating Degree Days	83.60	hdd			
Total Plant Steam Flow	10,131.36	klbs			
Steam Flow Per Heating Degree Day	121.2	klbs/hdd			
Total Condensate Return Water Flow	5,551.9	klbs			
Total Plant Gas Flow	10,939.36	kscf			
Total Plant Gas Cost	\$121,027.86	\$			
Total Plant Oil Flow	0.0	gals			
Total Plant Oil Cost	\$0.00	\$			
Total Plant Fuel Cost	\$121,027.86	\$			
Fuel Cost Per Heating Degree Day	\$1,447.70	\$/hdd			
Plant Average Steam Cost Per Degree Day	\$0.14	\$/klbs			
Total Plant Efficiency By I/O	90.7	%			
Condensate Transfer Pump #1 Run Time	211.7	hrs			
Condensate Transfer Pump #2 Run Time	169.6	hrs			
Condensate Transfer Pump #3 Run Time	337.8	hrs			
Boiler Feed Pump #1 Run Time	183.6	hrs			
Boiler Feed Pump #2 Run Time	183.0	hrs			
Boiler Feed Pump #3 Run Time	105.3	hrs			
Boiler Feed Pump #4 Run Time	247.2	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	0.0	226.7	207.1	303.1	hrs
Steam Flow	0.32	2704.92	3189.92	4236.20	klbs
Gas Flow	0.00	3045.11	2924.48	4969.77	kscf
Natural Gas Cost	\$0.00	\$33,689.63	\$32,355.36	\$54,982.87	\$
Oil Flow	0.0	0.0	0.0	0.0	gals
Oil Cost	\$0.00	\$0.00	\$0.00	\$0.00	\$
Total Fuel Cost	\$0.00	\$33,689.63	\$32,355.36	\$54,982.87	\$
Average Steam Cost	\$0.00	\$12.45	\$10.14	\$12.98	\$/klbs
Efficiency By Losses	---	81.6	82.2	82.7	%
Efficiency By I/O	---	87.0	106.8	83.5	%