

Southside Virginia Training Center

Heating Plant Month Operations Report

11/30/2010
11:59 PM
Monthly Report

Description

	Plant	Units			
Heating Degree Days	558.91	hdd			
Total Plant Steam Flow	8,125.78	klbs			
Steam Flow Per Heating Degree Day	14.5	klbs/hdd			
Total Condensate Return Water Flow	147.8	klbs			
Total Plant Gas Flow	9,479.84	kscf			
Total Plant Gas Cost	\$65,909.42	\$			
Total Plant Oil Flow	0.0	gals			
Total Plant Oil Cost	\$0.00	\$			
Total Plant Fuel Cost	\$65,909.42	\$			
Fuel Cost Per Heating Degree Day	\$117.92	\$/hdd			
Plant Average Steam Cost Per Degree Day	\$0.01	\$/klbs			
Total Plant Efficiency By I/O	83.9	%			
Condensate Transfer Pump #1 Run Time	217.5	hrs			
Condensate Transfer Pump #2 Run Time	330.0	hrs			
Condensate Transfer Pump #3 Run Time	172.7	hrs			
Boiler Feed Pump #1 Run Time	167.5	hrs			
Boiler Feed Pump #2 Run Time	166.3	hrs			
Boiler Feed Pump #3 Run Time	167.9	hrs			
Boiler Feed Pump #4 Run Time	218.6	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	180.1	170.2	172.5	213.7	hrs
Steam Flow	2101.68	1788.30	1755.67	2480.13	klbs
Gas Flow	2301.86	2115.30	2071.16	2991.52	kscf
Natural Gas Cost	\$15,887.48	\$14,618.52	\$14,296.28	\$21,107.14	\$
Oil Flow	0.0	0.0	0.0	0.0	gals
Oil Cost	\$0.00	\$0.00	\$0.00	\$0.00	\$
Total Fuel Cost	\$15,887.48	\$14,618.52	\$14,296.28	\$21,107.14	\$
Average Steam Cost	\$7.56	\$8.17	\$8.14	\$8.51	\$/klbs
Efficiency By Losses	83.2	79.0	82.4	81.7	%
Efficiency By I/O	89.4	82.8	83.0	81.2	%