

Southside Virginia Training Center

Heating Plant Month Operations Report

8/31/2008
11:59 PM
Monthly Report

Description

	Plant	Units			
Heating Degree Days	6.26	hdd			
Total Plant Steam Flow	3,841.92	klbs			
Steam Flow Per Heating Degree Day	613.7	klbs/hdd			
Total Condensate Return Water Flow	59.9	klbs			
Total Plant Gas Flow	4,740.53	kscf			
Total Plant Gas Cost	\$52,447.17	\$			
Total Plant Oil Flow	0.0	gals			
Total Plant Oil Cost	\$0.00	\$			
Total Plant Fuel Cost	\$52,447.17	\$			
Fuel Cost Per Heating Degree Day	\$8,378.14	\$/hdd			
Plant Average Steam Cost Per Degree Day	\$2.18	\$/klbs			
Total Plant Efficiency By I/O	79.4	%			
Condensate Transfer Pump #1 Run Time	167.4	hrs			
Condensate Transfer Pump #2 Run Time	320.8	hrs			
Condensate Transfer Pump #3 Run Time	255.8	hrs			
Boiler Feed Pump #1 Run Time	228.5	hrs			
Boiler Feed Pump #2 Run Time	199.0	hrs			
Boiler Feed Pump #3 Run Time	147.9	hrs			
Boiler Feed Pump #4 Run Time	168.4	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	13.0	299.5	171.2	248.1	hrs
Steam Flow	47.84	1653.02	865.93	1275.13	klbs
Gas Flow	105.57	1971.23	1066.51	1597.22	kscf
Natural Gas Cost	\$1,167.95	\$21,808.68	\$11,799.71	\$17,670.83	\$
Oil Flow	0.0	0.0	0.0	0.0	gals
Oil Cost	\$0.00	\$0.00	\$0.00	\$0.00	\$
Total Fuel Cost	\$1,167.95	\$21,808.68	\$11,799.71	\$17,670.83	\$
Average Steam Cost	\$24.41	\$13.19	\$13.63	\$13.86	\$/klbs
Efficiency By Losses	80.7	82.1	81.8	82.2	%
Efficiency By I/O	44.4	82.1	79.5	78.2	%