

Southside Virginia Training Center

Heating Plant Month Operations Report

8/31/2011
11:59 PM
Monthly Report

Description

	Plant	Units			
Heating Degree Days	4.06	hdd			
Total Plant Steam Flow	3,639.95	klbs			
Steam Flow Per Heating Degree Day	896.5	klbs/hdd			
Total Condensate Return Water Flow	230.3	klbs			
Total Plant Gas Flow	4,851.75	kscf			
Total Plant Gas Cost	\$33,486.79	\$			
Total Plant Oil Flow	0.0	gals			
Total Plant Oil Cost	\$0.00	\$			
Total Plant Fuel Cost	\$33,486.79	\$			
Fuel Cost Per Heating Degree Day	\$8,247.98	\$/hdd			
Plant Average Steam Cost Per Degree Day	\$2.27	\$/klbs			
Total Plant Efficiency By I/O	73.5	%			
Condensate Transfer Pump #1 Run Time	287.2	hrs			
Condensate Transfer Pump #2 Run Time	312.5	hrs			
Condensate Transfer Pump #3 Run Time	168.3	hrs			
Boiler Feed Pump #1 Run Time	173.9	hrs			
Boiler Feed Pump #2 Run Time	161.7	hrs			
Boiler Feed Pump #3 Run Time	256.5	hrs			
Boiler Feed Pump #4 Run Time	175.8	hrs			
Fuel Oil Pump #1 Run Time	13.3	hrs			
Fuel Oil Pump #2 Run Time	0.1	hrs			
	Boiler 1	Boiler 2	Boiler 3	Boiler 4	Units
Run Time	163.1	244.5	152.5	166.2	hrs
Steam Flow	795.82	1293.89	743.03	807.21	klbs
Gas Flow	1132.66	1634.12	1002.12	1082.85	kscf
Natural Gas Cost	\$7,817.63	\$11,278.73	\$6,916.57	\$7,473.86	\$
Oil Flow	0.0	0.0	0.0	0.0	gals
Oil Cost	\$0.00	\$0.00	\$0.00	\$0.00	\$
Total Fuel Cost	\$7,817.63	\$11,278.73	\$6,916.57	\$7,473.86	\$
Average Steam Cost	\$9.82	\$8.72	\$9.31	\$9.26	\$/klbs
Efficiency By Losses	82.2	78.3	82.7	82.0	%
Efficiency By I/O	68.8	77.5	72.6	73.0	%