

Southside Virginia Training Center

Heating Plant Month Operations Report

9/30/2011
11:59 PM
Monthly Report

Description

	Plant	Units			
Heating Degree Days	37.57	hdd			
Total Plant Steam Flow	3,957.70	klbs			
Steam Flow Per Heating Degree Day	105.3	klbs/hdd			
Total Condensate Return Water Flow	199.2	klbs			
Total Plant Gas Flow	5,083.97	kscf			
Total Plant Gas Cost	\$35,089.45	\$			
Total Plant Oil Flow	0.0	gals			
Total Plant Oil Cost	\$0.00	\$			
Total Plant Fuel Cost	\$35,089.45	\$			
Fuel Cost Per Heating Degree Day	\$933.98	\$/hdd			
Plant Average Steam Cost Per Degree Day	\$0.24	\$/klbs			
Total Plant Efficiency By I/O	76.2	%			
Condensate Transfer Pump #1 Run Time	0.1	hrs			
Condensate Transfer Pump #2 Run Time	364.8	hrs			
Condensate Transfer Pump #3 Run Time	354.6	hrs			
Boiler Feed Pump #1 Run Time	168.9	hrs			
Boiler Feed Pump #2 Run Time	169.1	hrs			
Boiler Feed Pump #3 Run Time	48.2	hrs			
Boiler Feed Pump #4 Run Time	333.7	hrs			
Fuel Oil Pump #1 Run Time	0.6	hrs			
Fuel Oil Pump #2 Run Time	0.4	hrs			
	Boiler 1	Boiler 2	Boiler 3	Boiler 4	Units
Run Time	164.5	31.5	322.9	186.9	hrs
Steam Flow	956.41	165.36	1831.72	1004.21	klbs
Gas Flow	1254.69	237.57	2298.23	1293.48	kscf
Natural Gas Cost	\$8,659.85	\$1,639.69	\$15,862.33	\$8,927.58	\$
Oil Flow	0.0	0.0	0.0	0.0	gals
Oil Cost	\$0.00	\$0.00	\$0.00	\$0.00	\$
Total Fuel Cost	\$8,659.85	\$1,639.69	\$15,862.33	\$8,927.58	\$
Average Steam Cost	\$9.05	\$9.92	\$8.66	\$8.89	\$/klbs
Efficiency By Losses	82.6	78.5	82.8	81.9	%
Efficiency By I/O	74.6	68.2	78.1	76.0	%