

Southside Virginia Training Center

Heating Plant Month Operations Report

12/31/2011
11:59 PM
Monthly Report

Description

	Plant	Units			
Heating Degree Days	640.17	hdd			
Total Plant Steam Flow	9,680.51	klbs			
Steam Flow Per Heating Degree Day	16.1	klbs/hdd			
Total Condensate Return Water Flow	175.8	klbs			
Total Plant Gas Flow	11,423.89	kscf			
Total Plant Gas Cost	\$78,846.83	\$			
Total Plant Oil Flow	0.0	gals			
Total Plant Oil Cost	\$0.00	\$			
Total Plant Fuel Cost	\$147,526.98	\$			
Fuel Cost Per Heating Degree Day	\$132.16	\$/hdd			
Plant Average Steam Cost Per Degree Day	\$0.01	\$/klbs			
Total Plant Efficiency By I/O	82.1	%			
Condensate Transfer Pump #1 Run Time	257.4	hrs			
Condensate Transfer Pump #2 Run Time	164.6	hrs			
Condensate Transfer Pump #3 Run Time	314.2	hrs			
Boiler Feed Pump #1 Run Time	238.2	hrs			
Boiler Feed Pump #2 Run Time	175.1	hrs			
Boiler Feed Pump #3 Run Time	149.2	hrs			
Boiler Feed Pump #4 Run Time	173.4	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	286.1	123.3	175.0	173.4	hrs
Steam Flow	3446.42	1643.64	2271.33	2319.12	klbs
Gas Flow	3900.99	2106.89	2654.78	2764.33	kscf
Natural Gas Cost	\$26,903.99	\$14,541.81	\$18,323.32	\$19,078.71	\$
Oil Flow	0.0	0.0	0.0	0.0	gals
Oil Cost	\$0.00	\$0.00	\$0.00	\$0.00	\$
Total Fuel Cost	\$26,903.99	\$14,541.81	\$18,323.32	\$19,078.71	\$
Average Steam Cost	\$7.82	\$9.09	\$8.08	\$8.30	\$/klbs
Efficiency By Losses	83.1	78.4	82.6	81.8	%
Efficiency By I/O	86.4	74.4	83.6	81.4	%