

Southside Virginia Training Center

Heating Plant Month Operations Report

3/31/2007
11:59 PM
Monthly Report

Description

	Plant	Units			
Heating Degree Days	581.45	hdd			
Total Plant Steam Flow	13,932,700.00	klbs			
Steam Flow Per Heating Degree Day	21.6	klbs/hdd			
Total Condensate Return Water Flow	0.0	klbs			
Total Plant Gas Flow	14,577.99	kscf			
Total Plant Gas Cost	\$143,155.86	\$			
Total Plant Oil Flow	9,601.5	gals			
Total Plant Oil Cost	\$19,030.10	\$			
Total Plant Fuel Cost	\$162,185.96	\$			
Fuel Cost Per Heating Degree Day	\$274.63	\$/hdd			
Plant Average Steam Cost Per Degree Day	\$0.01	\$/klbs			
Total Plant Efficiency By I/O	86.3	%			
Condensate Transfer Pump #1 Run Time	175.7	hrs			
Condensate Transfer Pump #2 Run Time	328.8	hrs			
Condensate Transfer Pump #3 Run Time	219.8	hrs			
Boiler Feed Pump #1 Run Time	168.7	hrs			
Boiler Feed Pump #2 Run Time	168.0	hrs			
Boiler Feed Pump #3 Run Time	168.0	hrs			
Boiler Feed Pump #4 Run Time	268.0	hrs			
Fuel Oil Pump #1 Run Time	5.4	hrs			
Fuel Oil Pump #2 Run Time	79.5	hrs			
	Boiler 1	Boiler 2	Boiler 3	Boiler 4	Units
Run Time	168.0	168.0	268.0	300.0	hrs
Steam Flow	1331.00	9388.00	6043.70	4960.10	klbs
Gas Flow	1750.00	2985.59	4633.47	5385.85	kscf
Natural Gas Cost	\$17,185.00	\$29,318.49	\$45,500.69	\$52,889.05	\$
Oil Flow	0.1	0.1	9599.2	2.1	gals
Oil Cost	\$0.22	\$0.22	\$19,025.49	\$4.17	\$
Total Fuel Cost	\$17,185.00	\$29,318.49	\$64,526.18	\$52,889.05	\$
Average Steam Cost	\$13.49	\$13.12	\$11.55	\$13.06	\$/klbs
Efficiency By Losses	81.7	82.0	82.7	82.7	%
Efficiency By I/O	80.3	82.6	98.2	83.0	%