

Southside Virginia Training Center

Heating Plant Month Operations Report

1/31/2007
11:59 PM
Monthly Report

Description

		Plant	Units		
Heating Degree Days		744.61	hdd		
Total Plant Steam Flow		15,151.54	klbs		
Steam Flow Per Heating Degree Day		20.3	klbs/hdd		
Total Condensate Return Water Flow		0.0	klbs		
Total Plant Gas Flow		18,598.60	kscf		
Total Plant Gas Cost		\$205,766.11	\$		
Total Plant Oil Flow		20.9	gals		
Total Plant Oil Cost		\$41.38	\$		
Total Plant Fuel Cost		\$205,807.49	\$		
Fuel Cost Per Heating Degree Day		\$276.40	\$/hdd		
Plant Average Steam Cost Per Degree Day		\$0.02	\$/klbs		
Total Plant Efficiency By I/O		79.8	%		
Condensate Transfer Pump #1 Run Time		32.5	hrs		
Condensate Transfer Pump #2 Run Time		458.5	hrs		
Condensate Transfer Pump #3 Run Time		252.9	hrs		
Boiler Feed Pump #1 Run Time		350.0	hrs		
Boiler Feed Pump #2 Run Time		144.2	hrs		
Boiler Feed Pump #3 Run Time		66.7	hrs		
Boiler Feed Pump #4 Run Time		183.1	hrs		
Fuel Oil Pump #1 Run Time		2.7	hrs		
Fuel Oil Pump #2 Run Time		0.1	hrs		
	Boiler 1	Boiler 2	Boiler 3	Boiler 4	Units
Run Time	187.0	299.2	168.1	228.0	hrs
Steam Flow	3150.94	5504.90	2844.54	3651.16	klbs
Gas Flow	3813.41	7176.08	3099.23	4509.88	kscf
Natural Gas Cost	\$42,189.36	\$79,392.65	\$34,288.37	\$49,895.73	\$
Oil Flow	0.0	0.0	19.0	1.9	gals
Oil Cost	\$0.00	\$0.00	\$37.57	\$3.81	\$
Total Fuel Cost	\$42,189.36	\$79,392.65	\$34,325.94	\$49,899.54	\$
Average Steam Cost	\$13.39	\$14.42	\$12.07	\$13.67	\$/klbs
Efficiency By Losses	81.1	82.3	82.3	82.7	%
Efficiency By I/O	80.9	75.1	89.8	79.3	%