

Southside Virginia Training Center

Heating Plant Month Operations Report

7/31/2008
11:59 PM
Monthly Report

Description

	Plant	Units			
Heating Degree Days	9.87	hdd			
Total Plant Steam Flow	4,127.61	klbs			
Steam Flow Per Heating Degree Day	832.1	klbs/hdd			
Total Condensate Return Water Flow	59.9	klbs			
Total Plant Gas Flow	5,535.31	kscf			
Total Plant Gas Cost	\$58,654.12	\$			
Total Plant Oil Flow	21.2	gals			
Total Plant Oil Cost	\$57.95	\$			
Total Plant Fuel Cost	\$58,654.12	\$			
Fuel Cost Per Heating Degree Day	\$11,670.57	\$/hdd			
Plant Average Steam Cost Per Degree Day	\$1.42	\$/klbs			
Total Plant Efficiency By I/O	77.3	%			
Condensate Transfer Pump #1 Run Time	172.7	hrs			
Condensate Transfer Pump #2 Run Time	288.6	hrs			
Condensate Transfer Pump #3 Run Time	281.6	hrs			
Boiler Feed Pump #1 Run Time	53.1	hrs			
Boiler Feed Pump #2 Run Time	403.7	hrs			
Boiler Feed Pump #3 Run Time	249.0	hrs			
Boiler Feed Pump #4 Run Time	13.0	hrs			
Fuel Oil Pump #1 Run Time	0.6	hrs			
Fuel Oil Pump #2 Run Time	0.1	hrs			
	Boiler 1	Boiler 2	Boiler 3	Boiler 4	Units
Run Time	20.0	161.8	180.7	386.6	hrs
Steam Flow	107.37	905.72	964.45	2279.26	klbs
Gas Flow	419.20	1088.02	1164.39	2683.44	kscf
Natural Gas Cost	\$1,834.97	\$10,568.00	\$15,079.13	\$24,929.52	\$
Oil Flow	7.7	12.5	1.1	0.0	gals
Oil Cost	\$31.15	\$24.70	\$2.10	\$0.00	\$
Total Fuel Cost	\$1,834.97	\$10,568.00	\$15,079.13	\$24,929.52	\$
Average Steam Cost	\$24.37	\$13.15	\$13.45	\$13.82	\$/klbs
Efficiency By Losses	81.8	81.9	81.9	82.0	%
Efficiency By I/O	44.6	82.4	80.6	78.4	%