

Southside Virginia Training Center

Heating Plant Month Operations Report

7/31/2006
11:59 PM
Monthly Report

Description

	Plant	Units			
Heating Degree Days	4.41	hdd			
Total Plant Steam Flow	9,112,220.00	klbs			
Steam Flow Per Heating Degree Day	1,676.7	klbs/hdd			
Total Condensate Return Water Flow	3,925.2	klbs			
Total Plant Gas Flow	9,727.95	kscf			
Total Plant Gas Cost	\$107,620.33	\$			
Total Plant Oil Flow	0.0	gals			
Total Plant Oil Cost	\$0.00	\$			
Total Plant Fuel Cost	\$107,620.33	\$			
Fuel Cost Per Heating Degree Day	\$19,372.94	\$/hdd			
Plant Average Steam Cost Per Degree Day	\$2.62	\$/klbs			
Total Plant Efficiency By I/O	93.8	%			
Condensate Transfer Pump #1 Run Time	0.0	hrs			
Condensate Transfer Pump #2 Run Time	430.8	hrs			
Condensate Transfer Pump #3 Run Time	167.0	hrs			
Boiler Feed Pump #1 Run Time	0.1	hrs			
Boiler Feed Pump #2 Run Time	457.6	hrs			
Boiler Feed Pump #3 Run Time	136.8	hrs			
Boiler Feed Pump #4 Run Time	0.7	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	165.7	433.8	155.3	0.0	hrs
Steam Flow	1782.06	3150.90	2461.32	0.00	klbs
Gas Flow	4671.37	5558.61	1896.91	0.00	kscf
Natural Gas Cost				\$0.00	\$
Oil Flow	0.0	0.0	0.0	0.0	gals
Oil Cost	\$0.00	\$0.00	\$0.00	\$0.00	\$
Total Fuel Cost				\$0.00	\$
Average Steam Cost	\$12.25	\$12.40	\$9.96	---	\$/klbs
Efficiency By Losses	82.7	81.6	82.4	---	%
Efficiency By I/O	88.4	87.3	108.8	---	%