

Southside Virginia Training Center

Heating Plant Month Operations Report

8/31/2007
 11:59 PM
 Monthly Report

Description

	Plant				Units
Heating Degree Days	0.74				hdd
Total Plant Steam Flow	3,881.51				klbs
Steam Flow Per Heating Degree Day	5,245.3				klbs/hdd
Total Condensate Return Water Flow	0.0				klbs
Total Plant Gas Flow	4,893.13				kscf
Total Plant Gas Cost	\$54,135.34				\$
Total Plant Oil Flow	0.0				gals
Total Plant Oil Cost	\$0.00				\$
Total Plant Fuel Cost	\$54,135.34				\$
Fuel Cost Per Heating Degree Day	\$73,155.86				\$/hdd
Plant Average Steam Cost Per Degree Day	\$18.85				\$/klbs
Total Plant Efficiency By I/O	77.7				%
Condensate Transfer Pump #1 Run Time	167.8				hrs
Condensate Transfer Pump #2 Run Time	393.5				hrs
Condensate Transfer Pump #3 Run Time	182.4				hrs
Boiler Feed Pump #1 Run Time	167.9				hrs
Boiler Feed Pump #2 Run Time	300.6				hrs
Boiler Feed Pump #3 Run Time	145.0				hrs
Boiler Feed Pump #4 Run Time	130.2				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	108.7	191.6	11.7	411.5	hrs
Steam Flow	600.95	1077.92	0.96	2201.68	klbs
Gas Flow	730.86	1404.06	67.46	2690.75	kscf
Natural Gas Cost	\$8,085.48	\$15,534.00	\$746.99	\$29,768.87	\$
Oil Flow	0.0	0.0	0.0	0.0	gals
Oil Cost	\$0.00	\$0.00	\$0.00	\$0.00	\$
Total Fuel Cost	\$8,085.48	\$15,534.00	\$746.99	\$29,768.87	\$
Average Steam Cost	\$13.45	\$14.41	\$778.11	\$13.52	\$/klbs
Efficiency By Losses	82.0	81.9	82.4	82.2	%
Efficiency By I/O	80.5	75.2	1.4	80.1	%