

Southside Virginia Training Center

Heating Plant Month Operations Report

8/31/2006
 11:59 PM
 Monthly Report

Description

	Plant				Units
Heating Degree Days	2.47				hdd
Total Plant Steam Flow	7,912.28				klbs
Steam Flow Per Heating Degree Day	3,203.4				klbs/hdd
Total Condensate Return Water Flow	4,159.5				klbs
Total Plant Gas Flow	8,492.39				kscf
Total Plant Gas Cost	\$93,955.65				\$
Total Plant Oil Flow	0.0				gals
Total Plant Oil Cost	\$0.00				\$
Total Plant Fuel Cost	\$93,955.65				\$
Fuel Cost Per Heating Degree Day	\$38,038.72				\$/hdd
Plant Average Steam Cost Per Degree Day	\$4.81				\$/klbs
Total Plant Efficiency By I/O	91.2				%
Condensate Transfer Pump #1 Run Time	334.4				hrs
Condensate Transfer Pump #2 Run Time	370.5				hrs
Condensate Transfer Pump #3 Run Time	11.3				hrs
Boiler Feed Pump #1 Run Time	85.7				hrs
Boiler Feed Pump #2 Run Time	157.3				hrs
Boiler Feed Pump #3 Run Time	390.4				hrs
Boiler Feed Pump #4 Run Time	83.0				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	265.2	55.0	195.6	217.7	hrs
Steam Flow	2649.13	533.90	2449.97	2279.28	klbs
Gas Flow	2953.58	617.12	2214.45	2707.24	kscf
Natural Gas Cost	\$32,676.85	\$6,827.65	\$24,499.72	\$29,951.43	\$
Oil Flow	0.0	0.0	0.0	0.0	gals
Oil Cost	\$0.00	\$0.00	\$0.00	\$0.00	\$
Total Fuel Cost	\$32,676.85	\$6,827.65	\$24,499.72	\$29,951.43	\$
Average Steam Cost	\$12.33	\$12.79	\$10.00	\$13.14	\$/klbs
Efficiency By Losses	82.7	81.6	82.5	82.7	%
Efficiency By I/O	87.8	84.7	108.3	82.5	%