

Southside Virginia Training Center

Heating Plant Month Operations Report

11/30/2006
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 Monthly Report

Description

	Plant				Units
Heating Degree Days	481.85				hdd
Total Plant Steam Flow	15,379,020.00				klbs
Steam Flow Per Heating Degree Day	25.6				klbs/hdd
Total Condensate Return Water Flow	98.4				klbs
Total Plant Gas Flow	18,429.61				kscf
Total Plant Gas Cost	\$203,896.34				\$
Total Plant Oil Flow	0.0				gals
Total Plant Oil Cost	\$0.00				\$
Total Plant Fuel Cost	\$203,896.34				\$
Fuel Cost Per Heating Degree Day	\$340.91				\$/hdd
Plant Average Steam Cost Per Degree Day	\$0.01				\$/klbs
Total Plant Efficiency By I/O	81.2				%
Condensate Transfer Pump #1 Run Time	212.1				hrs
Condensate Transfer Pump #2 Run Time	261.4				hrs
Condensate Transfer Pump #3 Run Time	258.5				hrs
Boiler Feed Pump #1 Run Time	286.7				hrs
Boiler Feed Pump #2 Run Time	209.8				hrs
Boiler Feed Pump #3 Run Time	115.8				hrs
Boiler Feed Pump #4 Run Time	119.9				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	221.2	340.4	75.0	292.2	hrs
Steam Flow	3545.21	4236.20	1255.84	4236.20	klbs
Gas Flow	4172.81	4969.77	1382.41	4969.77	kscf
Natural Gas Cost	\$46,166.31	\$54,982.87	\$15,294.38	\$54,982.87	\$
Oil Flow	0.0	0.0	0.0	0.0	gals
Oil Cost	\$0.00	\$0.00	\$0.00	\$0.00	\$
Total Fuel Cost	\$46,166.31	\$54,982.87	\$15,294.38	\$54,982.87	\$
Average Steam Cost	\$13.28	\$12.98	\$12.18	\$12.98	\$/klbs
Efficiency By Losses	81.2	81.9	82.4	82.7	%
Efficiency By I/O	81.6	81.9	89.0	78.8	%