

Southside Virginia Training Center

Heating Plant Month Operations Report

11/30/2013
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 Monthly Report

Description

	Plant				Units
Heating Degree Days	605.07				hdd
Total Plant Steam Flow	8,807.83				klbs
Steam Flow Per Heating Degree Day	14.6				klbs/hdd
Total Condensate Return Water Flow	218.8				klbs
Total Plant Gas Flow	10,201.76				kscf
Total Plant Gas Cost	\$62,706.81				\$
Total Plant Oil Flow	0.0				gals
Total Plant Oil Cost	\$0.00				\$
Total Plant Fuel Cost	\$62,706.81				\$
Fuel Cost Per Heating Degree Day	\$103.64				\$/hdd
Plant Average Steam Cost Per Degree Day	\$0.01				\$/klbs
Total Plant Efficiency By I/O	84.6				%
Condensate Transfer Pump #1 Run Time	334.8				hrs
Condensate Transfer Pump #2 Run Time	211.3				hrs
Condensate Transfer Pump #3 Run Time	174.5				hrs
Boiler Feed Pump #1 Run Time	180.3				hrs
Boiler Feed Pump #2 Run Time	206.1				hrs
Boiler Feed Pump #3 Run Time	167.7				hrs
Boiler Feed Pump #4 Run Time	166.6				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	201.2	175.1	175.1	200.7	hrs
Steam Flow	2270.04	2056.26	1917.95	2563.58	klbs
Gas Flow	2536.50	2494.16	2147.94	3023.16	kscf
Natural Gas Cost	\$15,627.39	\$15,316.69	\$13,195.49	\$18,567.24	\$
Oil Flow	0.0	0.0	0.0	0.0	gals
Oil Cost	\$0.00	\$0.00	\$0.00	\$0.00	\$
Total Fuel Cost	\$15,627.39	\$15,316.69	\$13,195.49	\$18,567.24	\$
Average Steam Cost	\$6.88	\$7.45	\$6.88	\$7.24	\$/klbs
Efficiency By Losses	83.3	77.5	81.8	82.5	%
Efficiency By I/O	87.6	80.7	87.4	83.0	%