

Southside Virginia Training Center

Heating Plant Month Operations Report

7/30/2011
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 Monthly Report

Description

	Plant				Units
Heating Degree Days	1.64				hdd
Total Plant Steam Flow	3,688.75				klbs
Steam Flow Per Heating Degree Day	2,249.2				klbs/hdd
Total Condensate Return Water Flow	191.1				klbs
Total Plant Gas Flow	4,736.63				kscf
Total Plant Gas Cost	\$32,692.32				\$
Total Plant Oil Flow	0.1				gals
Total Plant Oil Cost	\$0.20				\$
Total Plant Fuel Cost	\$32,692.52				\$
Fuel Cost Per Heating Degree Day	\$19,934.46				\$/hdd
Plant Average Steam Cost Per Degree Day	\$5.40				\$/klbs
Total Plant Efficiency By I/O	76.3				%
Condensate Transfer Pump #1 Run Time	207.7				hrs
Condensate Transfer Pump #2 Run Time	173.4				hrs
Condensate Transfer Pump #3 Run Time	336.7				hrs
Boiler Feed Pump #1 Run Time	165.5				hrs
Boiler Feed Pump #2 Run Time	175.7				hrs
Boiler Feed Pump #3 Run Time	212.1				hrs
Boiler Feed Pump #4 Run Time	164.4				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	155.4	185.7	186.1	166.7	hrs
Steam Flow	724.53	1016.26	1050.54	897.42	klbs
Gas Flow	1048.18	1252.52	1285.41	1150.52	kscf
Natural Gas Cost	\$7,234.73	\$8,644.89	\$8,871.82	\$7,940.88	\$
Oil Flow	0.0	0.0	0.0	0.1	gals
Oil Cost	\$0.00	\$0.00	\$0.00	\$0.20	\$
Total Fuel Cost	\$7,234.73	\$8,644.89	\$8,871.82	\$7,941.08	\$
Average Steam Cost	\$9.99	\$8.51	\$8.45	\$8.85	\$/klbs
Efficiency By Losses	82.1	78.4	82.8	82.0	%
Efficiency By I/O	67.7	79.5	80.0	76.4	%