

Southside Virginia Training Center

Heating Plant Month Operations Report

9/30/2011
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 Monthly Report

Description

	Plant				Units
Heating Degree Days	37.57				hdd
Total Plant Steam Flow	3,957.70				klbs
Steam Flow Per Heating Degree Day	105.3				klbs/hdd
Total Condensate Return Water Flow	199.2				klbs
Total Plant Gas Flow	5,083.97				kscf
Total Plant Gas Cost	\$35,089.45				\$
Total Plant Oil Flow	0.0				gals
Total Plant Oil Cost	\$0.00				\$
Total Plant Fuel Cost	\$35,089.45				\$
Fuel Cost Per Heating Degree Day	\$933.98				\$/hdd
Plant Average Steam Cost Per Degree Day	\$0.24				\$/klbs
Total Plant Efficiency By I/O	76.2				%
Condensate Transfer Pump #1 Run Time	0.1				hrs
Condensate Transfer Pump #2 Run Time	364.8				hrs
Condensate Transfer Pump #3 Run Time	354.6				hrs
Boiler Feed Pump #1 Run Time	168.9				hrs
Boiler Feed Pump #2 Run Time	169.1				hrs
Boiler Feed Pump #3 Run Time	48.2				hrs
Boiler Feed Pump #4 Run Time	333.7				hrs
Fuel Oil Pump #1 Run Time	0.6				hrs
Fuel Oil Pump #2 Run Time	0.4				hrs
	Boiler 1	Boiler 2	Boiler 3	Boiler 4	Units
Run Time	164.5	31.5	322.9	186.9	hrs
Steam Flow	956.41	165.36	1831.72	1004.21	klbs
Gas Flow	1254.69	237.57	2298.23	1293.48	kscf
Natural Gas Cost	\$8,659.85	\$1,639.69	\$15,862.33	\$8,927.58	\$
Oil Flow	0.0	0.0	0.0	0.0	gals
Oil Cost	\$0.00	\$0.00	\$0.00	\$0.00	\$
Total Fuel Cost	\$8,659.85	\$1,639.69	\$15,862.33	\$8,927.58	\$
Average Steam Cost	\$9.05	\$9.92	\$8.66	\$8.89	\$/klbs
Efficiency By Losses	82.6	78.5	82.8	81.9	%
Efficiency By I/O	74.6	68.2	78.1	76.0	%