Southside Virginia Training Center

Heating Plant Month Operations Report

10/31/2012
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Monthly Report

Description

	Plant	Units
Heating Degree Days	306.90	hdd
Total Plant Steam Flow	6,330.94	klbs
Steam Flow Per Heating Degree Day	20.6	klbs/hdd
Total Condensate Return Water Flow	214.5	klbs
Total Plant Gas Flow	7,556.16	kscf
Total Plant Gas Cost	$52,152.75	$
Total Plant Oil Flow	0.0	gals
Total Plant Oil Cost	$0.00	$
Total Plant Fuel Cost	$52,152.75	$
Fuel Cost Per Heating Degree Day	$169.93	$/hdd
Plant Average Steam Cost Per Degree Day	$0.03	$/klbs
Total Plant Efficiency By I/O	82.1	%
Condensate Transfer Pump #1 Run Time	295.6	hrs
Condensate Transfer Pump #2 Run Time	167.1	hrs
Condensate Transfer Pump #3 Run Time	280.6	hrs
Boiler Feed Pump #1 Run Time	173.1	hrs
Boiler Feed Pump #2 Run Time	201.6	hrs
Boiler Feed Pump #3 Run Time	133.5	hrs
Boiler Feed Pump #4 Run Time	239.1	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	169.4	2.0	253.5	330.3	hrs
Steam Flow	1510.51	3.50	2088.11	2728.82	klbs
Gas Flow	1796.61	15.37	2453.66	3290.52	kscf
Natural Gas Cost	$12,400.23	$106.08	$16,935.15	$22,711.29	$
Oil Flow	0.0	0.0	0.0	0.0	gals
Oil Cost	$0.00	$0.00	$0.00	$0.00	$
Total Fuel Cost	$12,400.23	$106.08	$16,935.15	$22,711.29	$
Average Steam Cost	$8.21	$30.31	$8.11	$8.32	$/klbs
Efficiency By Losses	83.2	72.0	83.1	82.3	%
Efficiency By I/O	82.3	22.3	83.3	81.2	%