Southside Virginia Training Center

Heating Plant Month Operations Report

1/31/2015
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Monthly Report

Description

	Plant	Units
Heating Degree Days	951.58	hdd
Total Plant Steam Flow	11,761.01	klbs
Steam Flow Per Heating Degree Day	294.5	klbs/hdd
Total Condensate Return Water Flow	210.7	klbs
Total Plant Gas Flow	13,300.05	kscf
Total Plant Gas Cost	$81,672.24	$
Total Plant Oil Flow	2,416.1	gals
Total Plant Oil Cost	$8,456.34	$
Total Plant Fuel Cost	$90,128.58	$
Fuel Cost Per Heating Degree Day	$94.71	$/hdd
Plant Average Steam Cost Per Degree Day	$0.00	$/klbs
Total Plant Efficiency By I/O	84.1	%
Condensate Transfer Pump #1 Run Time	368.1	hrs
Condensate Transfer Pump #2 Run Time	167.5	hrs
Condensate Transfer Pump #3 Run Time	211.4	hrs
Boiler Feed Pump #1 Run Time	0.0	hrs
Boiler Feed Pump #2 Run Time	194.4	hrs
Boiler Feed Pump #3 Run Time	338.1	hrs
Boiler Feed Pump #4 Run Time	210.3	hrs
Fuel Oil Pump #1 Run Time	0.0	hrs
Fuel Oil Pump #2 Run Time	16.4	hrs

	Boiler 1	Boiler 2	Boiler 3	Boiler 4	Units
Run Time	181.1	204.5	212.7	231.5	hrs
Steam Flow	2571.17	2853.74	3122.17	3213.93	klbs
Gas Flow	2942.37	3081.72	3509.38	3766.58	kscf
Natural Gas Cost	$18,068.38	$18,923.97	$21,550.16	$23,129.73	$
Oil Flow	0.0	2416.1	0.0	0.0	gals
Oil Cost	$0.00	$8,456.34	$0.00	$0.00	$
Total Fuel Cost	$18,068.38	$27,380.31	$21,550.16	$23,129.73	$
Average Steam Cost	$7.03	$12.45	$6.90	$7.20	$/klbs
Efficiency By Losses	82.7	80.1	82.5	82.3	%
Efficiency By I/O	85.6	79.2	87.1	83.6	%