Southside Virginia Training Center

Heating Plant Month Operations Report

3/31/2010
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Monthly Report

Description

	Plant	Units
Heating Degree Days	506.27	hdd
Total Plant Steam Flow	8,791.56	klbs
Steam Flow Per Heating Degree Day	17.3	klbs/hdd
Total Condensate Return Water Flow	132.0	klbs
Total Plant Gas Flow	10,033.04	kscf
Total Plant Gas Cost	$111,020.95	$
Total Plant Oil Flow	0.0	gals
Total Plant Oil Cost	$0.00	$
Total Plant Fuel Cost	$111,020.95	$
Fuel Cost Per Heating Degree Day	$218.27	$/hdd
Plant Average Steam Cost Per Degree Day	$0.02	$/klbs
Total Plant Efficiency By I/O	86.1	%
Condensate Transfer Pump #1 Run Time	340.4	hrs
Condensate Transfer Pump #2 Run Time	156.9	hrs
Condensate Transfer Pump #3 Run Time	245.4	hrs
Boiler Feed Pump #1 Run Time	156.4	hrs
Boiler Feed Pump #2 Run Time	235.1	hrs
Boiler Feed Pump #3 Run Time	175.4	hrs
Boiler Feed Pump #4 Run Time	175.3	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	193.0	226.2	165.8	171.3	hrs
Steam Flow	2632.09	2750.95	1809.80	1628.64	klbs
Gas Flow	2839.88	3175.18	2077.93	1940.05	kscf
Natural Gas Cost	$31,418.98	$35,128.54	$23,009.72	$21,463.72	$
Oil Flow	0.0	0.0	0.0	0.0	gals
Oil Cost	$0.00	$0.00	$0.00	$0.00	$
Total Fuel Cost	$31,419.30	$35,128.86	$23,009.72	$21,464.04	$
Average Steam Cost	$11.94	$12.77	$12.70	$13.18	$/klbs
Efficiency By Losses	81.8	80.2	82.1	82.2	%
Efficiency By I/O	90.8	84.8	85.3	82.2	%