Southside Virginia Training Center

Heating Plant Month Operations Report

5/31/2010
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Monthly Report

Description

	Plant	Units
Heating Degree Days	81.75	hdd
Total Plant Steam Flow	4,618.90	klbs
Steam Flow Per Heating Degree Day	56.5	klbs/hdd
Total Condensate Return Water Flow	169.9	klbs
Total Plant Gas Flow	5,662.19	kscf
Total Plant Gas Cost	$62,643.81	$
Total Plant Oil Flow	0.0	gals
Total Plant Oil Cost	$0.00	$
Total Plant Fuel Cost	$62,643.81	$
Fuel Cost Per Heating Degree Day	$766.29	$/hdd
Plant Average Steam Cost Per Degree Day	$0.17	$/klbs
Total Plant Efficiency By I/O	79.9	%
Condensate Transfer Pump #1 Run Time	157.4	hrs
Condensate Transfer Pump #2 Run Time	221.9	hrs
Condensate Transfer Pump #3 Run Time	363.5	hrs
Boiler Feed Pump #1 Run Time	184.3	hrs
Boiler Feed Pump #2 Run Time	232.0	hrs
Boiler Feed Pump #3 Run Time	148.6	hrs
Boiler Feed Pump #4 Run Time	178.1	hrs
Fuel Oil Pump #1 Run Time	1.0	hrs
Fuel Oil Pump #2 Run Time	1.1	hrs

	Boiler 1	Boiler 2	Boiler 3	Boiler 4	Units
Run Time	259.7	1.2	310.0	169.6	hrs
Steam Flow	1656.77	3.04	1843.67	1115.42	klbs
Gas Flow	2025.65	12.13	2233.05	1391.36	kscf
Natural Gas Cost	$22,410.77	$134.19	$24,705.48	$15,393.37	$
Oil Flow	0.0	0.0	0.0	0.0	gals
Oil Cost	$0.00	$0.00	$0.00	$0.00	$
Total Fuel Cost	$22,410.77	$134.19	$24,705.48	$15,393.37	$
Average Steam Cost	$13.53	$44.14	$13.40	$13.80	$/klbs
Efficiency By Losses	81.2	81.9	82.5	82.1	%
Efficiency By I/O	80.1	24.5	80.9	78.5	%