Southside Virginia Training Center

Heating Plant Month Operations Report

3/31/2014
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Monthly Report

Description

	Plant	Units
Heating Degree Days	718.63	hdd
Total Plant Steam Flow	10,515.41	klbs
Steam Flow Per Heating Degree Day	14.6	klbs/hdd
Total Condensate Return Water Flow	226.3	klbs
Total Plant Gas Flow	12,092.41	kscf
Total Plant Gas Cost	$74,256.24	$
Total Plant Oil Flow	14.3	gals
Total Plant Oil Cost	$50.06	$
Total Plant Fuel Cost	$74,306.30	$
Fuel Cost Per Heating Degree Day	$103.40	$/hdd
Plant Average Steam Cost Per Degree Day	$0.01	$/klbs
Total Plant Efficiency By I/O	85.1	%
Condensate Transfer Pump #1 Run Time	166.7	hrs
Condensate Transfer Pump #2 Run Time	275.7	hrs
Condensate Transfer Pump #3 Run Time	300.5	hrs
Boiler Feed Pump #1 Run Time	167.5	hrs
Boiler Feed Pump #2 Run Time	222.9	hrs
Boiler Feed Pump #3 Run Time	185.6	hrs
Boiler Feed Pump #4 Run Time	167.0	hrs
Fuel Oil Pump #1 Run Time	0.0	hrs
Fuel Oil Pump #2 Run Time	0.3	hrs

	Boiler 1	Boiler 2	Boiler 3	Boiler 4	Units
Run Time	412.0	22.1	0.0	344.2	hrs
Steam Flow	5906.30	80.62	0.00	4528.49	klbs
Gas Flow	6544.36	231.59	0.03	5316.43	kscf
Natural Gas Cost	$40,187.45	$1,422.00	$0.18	$32,646.61	$
Oil Flow	0.1	14.0	0.1	0.1	gals
Oil Cost	$0.30	$49.16	$0.30	$0.30	$
Total Fuel Cost	$40,187.75	$1,471.16	$0.48	$32,646.91	$
Average Steam Cost	$6.80	$18.25	---	$7.21	$/klbs
Efficiency By Losses	83.3	78.3	---	82.5	%
Efficiency By I/O	88.4	33.8	0.0	83.4	%