Southside Virginia Training Center

Heating Plant Month Operations Report

4/30/2014
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Monthly Report

Description

	Plant	Units
Heating Degree Days	279.44	hdd
Total Plant Steam Flow	6,862.83	klbs
Steam Flow Per Heating Degree Day	24.6	klbs/hdd
Total Condensate Return Water Flow	259.5	klbs
Total Plant Gas Flow	8,052.93	kscf
Total Plant Gas Cost	$49,451.16	$
Total Plant Oil Flow	0.0	gals
Total Plant Oil Cost	$0.00	$
Total Plant Fuel Cost	$49,451.16	$
Fuel Cost Per Heating Degree Day	$176.97	$/hdd
Plant Average Steam Cost Per Degree Day	$0.03	$/klbs
Total Plant Efficiency By I/O	83.5	%
Condensate Transfer Pump #1 Run Time	306.4	hrs
Condensate Transfer Pump #2 Run Time	167.5	hrs
Condensate Transfer Pump #3 Run Time	245.1	hrs
Boiler Feed Pump #1 Run Time	168.0	hrs
Boiler Feed Pump #2 Run Time	172.0	hrs
Boiler Feed Pump #3 Run Time	213.3	hrs
Boiler Feed Pump #4 Run Time	167.6	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	663.4	27.4	0.0	41.9	hrs
Steam Flow	6366.08	145.80	0.00	350.95	klbs
Gas Flow	7303.37	299.85	0.00	449.71	kscf
Natural Gas Cost	$44,848.34	$1,841.26	$0.00	$2,761.56	$
Oil Flow	0.0	0.0	0.0	0.0	gals
Oil Cost	$0.00	$0.00	$0.00	$0.00	$
Total Fuel Cost	$44,848.34	$1,841.26	$0.00	$2,761.56	$
Average Steam Cost	$7.04	$12.63	---	$7.87	$/klbs
Efficiency By Losses	83.3	78.1	---	82.5	%
Efficiency By I/O	85.4	47.6	---	76.4	%