Southside Virginia Training Center

Heating Plant Month Operations Report

7/31/2014
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Monthly Report

Description

	Plant	Units
Heating Degree Days	4.79	hdd
Total Plant Steam Flow	4,122.30	klbs
Steam Flow Per Heating Degree Day	860.6	klbs/hdd
Total Condensate Return Water Flow	270.2	klbs
Total Plant Gas Flow	5,477.30	kscf
Total Plant Gas Cost	$33,635.56	$
Total Plant Oil Flow	0.0	gals
Total Plant Oil Cost	$0.00	$
Total Plant Fuel Cost	$33,635.56	$
Fuel Cost Per Heating Degree Day	$7,022.04	$/hdd
Plant Average Steam Cost Per Degree Day	$1.70	$/klbs
Total Plant Efficiency By I/O	73.7	%
Condensate Transfer Pump #1 Run Time	249.2	hrs
Condensate Transfer Pump #2 Run Time	326.8	hrs
Condensate Transfer Pump #3 Run Time	166.4	hrs
Boiler Feed Pump #1 Run Time	153.1	hrs
Boiler Feed Pump #2 Run Time	183.7	hrs
Boiler Feed Pump #3 Run Time	213.7	hrs
Boiler Feed Pump #4 Run Time	215.0	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	179.0	184.8	197.2	227.8	hrs
Steam Flow	898.32	957.97	1041.93	1224.08	klbs
Gas Flow	1286.07	1337.07	1282.64	1571.52	kscf
Natural Gas Cost	$7,897.98	$8,210.78	$7,876.58	$9,650.22	$
Oil Flow	0.0	0.0	0.0	0.0	gals
Oil Cost	$0.00	$0.00	$0.00	$0.00	$
Total Fuel Cost	$7,897.98	$8,210.78	$7,876.58	$9,650.22	$
Average Steam Cost	$8.79	$8.57	$7.56	$7.88	$/klbs
Efficiency By Losses	82.8	75.8	82.7	81.7	%
Efficiency By I/O	68.4	70.2	79.6	76.3	%