Southside Virginia Training Center

Heating Plant Month Operations Report

5/31/2014
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Monthly Report

Description

	Plant	Units
Heating Degree Days	81.16	hdd
Total Plant Steam Flow	5,223.52	klbs
Steam Flow Per Heating Degree Day	64.4	klbs/hdd
Total Condensate Return Water Flow	270.8	klbs
Total Plant Gas Flow	6,705.80	kscf
Total Plant Gas Cost	$41,178.92	$
Total Plant Oil Flow	365.8	gals
Total Plant Oil Cost	$1,280.24	$
Total Plant Fuel Cost	$42,459.16	$
Fuel Cost Per Heating Degree Day	$523.15	$/hdd
Plant Average Steam Cost Per Degree Day	$0.10	$/klbs
Total Plant Efficiency By I/O	75.7	%
Condensate Transfer Pump #1 Run Time	194.3	hrs
Condensate Transfer Pump #2 Run Time	334.7	hrs
Condensate Transfer Pump #3 Run Time	214.5	hrs
Boiler Feed Pump #1 Run Time	166.0	hrs
Boiler Feed Pump #2 Run Time	169.5	hrs
Boiler Feed Pump #3 Run Time	198.8	hrs
Boiler Feed Pump #4 Run Time	209.4	hrs
Fuel Oil Pump #1 Run Time	0.0	hrs
Fuel Oil Pump #2 Run Time	7.8	hrs

	Boiler 1	Boiler 2	Boiler 3	Boiler 4	Units
Run Time	285.5	180.7	232.4	81.4	hrs
Steam Flow	2020.98	1224.76	1485.36	492.42	klbs
Gas Flow	2574.94	1669.64	1782.71	678.51	kscf
Natural Gas Cost	$15,812.18	$10,252.80	$10,947.21	$4,166.73	$
Oil Flow	0.0	0.0	116.7	249.0	gals
Oil Cost	$0.00	$0.00	$408.57	$871.67	$
Total Fuel Cost	$15,812.18	$10,252.80	$11,355.78	$5,038.40	$
Average Steam Cost	$7.82	$8.37	$7.65	$10.23	$/klbs
Efficiency By Losses	83.0	77.4	82.6	82.1	%
Efficiency By I/O	76.9	71.8	80.9	67.6	%