Southside Virginia Training Center

Heating Plant Month Operations Report

6/30/2014
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Monthly Report

Description

	Plant	Units
Heating Degree Days	17.86	hdd
Total Plant Steam Flow	4,400.44	klbs
Steam Flow Per Heating Degree Day	246.4	klbs/hdd
Total Condensate Return Water Flow	243.6	klbs
Total Plant Gas Flow	5,711.62	kscf
Total Plant Gas Cost	$35,073.92	$
Total Plant Oil Flow	0.0	gals
Total Plant Oil Cost	$0.00	$
Total Plant Fuel Cost	$35,073.92	$
Fuel Cost Per Heating Degree Day	$1,963.83	$/hdd
Plant Average Steam Cost Per Degree Day	$0.45	$/klbs
Total Plant Efficiency By I/O	75.4	%
Condensate Transfer Pump #1 Run Time	206.8	hrs
Condensate Transfer Pump #2 Run Time	186.8	hrs
Condensate Transfer Pump #3 Run Time	325.0	hrs
Boiler Feed Pump #1 Run Time	167.7	hrs
Boiler Feed Pump #2 Run Time	187.2	hrs
Boiler Feed Pump #3 Run Time	168.0	hrs
Boiler Feed Pump #4 Run Time	197.1	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	180.3	179.7	176.0	228.7	hrs
Steam Flow	1039.56	1026.38	990.67	1343.83	klbs
Gas Flow	1471.36	1368.12	1188.03	1684.11	kscf
Natural Gas Cost	$9,035.26	$8,401.39	$7,295.58	$10,341.69	$
Oil Flow	0.0	0.0	0.0	0.0	gals
Oil Cost	$0.00	$0.00	$0.00	$0.00	$
Total Fuel Cost	$9,035.26	$8,401.39	$7,295.58	$10,341.69	$
Average Steam Cost	$8.69	$8.19	$7.36	$7.70	$/klbs
Efficiency By Losses	82.7	76.6	82.7	81.8	%
Efficiency By I/O	69.2	73.5	81.7	78.1	%