Southside Virginia Training Center

Heating Plant Month Operations Report

10/31/2014
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Monthly Report

Description

	Plant	Units
Heating Degree Days	243.61	hdd
Total Plant Steam Flow	6,093.88	klbs
Steam Flow Per Heating Degree Day	25.0	klbs/hdd
Total Condensate Return Water Flow	238.6	klbs
Total Plant Gas Flow	7,511.93	kscf
Total Plant Gas Cost	$46,129.37	$
Total Plant Oil Flow	99.9	gals
Total Plant Oil Cost	$349.49	$
Total Plant Fuel Cost	$46,478.86	$
Fuel Cost Per Heating Degree Day	$190.79	$/hdd
Plant Average Steam Cost Per Degree Day	$0.03	$/klbs
Total Plant Efficiency By I/O	79.3	%
Condensate Transfer Pump #1 Run Time	191.8	hrs
Condensate Transfer Pump #2 Run Time	217.3	hrs
Condensate Transfer Pump #3 Run Time	334.2	hrs
Boiler Feed Pump #1 Run Time	225.7	hrs
Boiler Feed Pump #2 Run Time	186.1	hrs
Boiler Feed Pump #3 Run Time	169.4	hrs
Boiler Feed Pump #4 Run Time	163.1	hrs
Fuel Oil Pump #1 Run Time	0.0	hrs
Fuel Oil Pump #2 Run Time	1.9	hrs

	Boiler 1	Boiler 2	Boiler 3	Boiler 4	Units
Run Time	233.7	175.6	221.2	196.4	hrs
Steam Flow	1720.20	1567.09	1501.76	1304.83	klbs
Gas Flow	2127.78	1944.34	1800.97	1638.84	kscf
Natural Gas Cost	$13,066.60	$11,939.70	$11,059.48	$10,063.59	$
Oil Flow	0.0	99.9	0.0	0.0	gals
Oil Cost	$0.00	$349.49	$0.00	$0.00	$
Total Fuel Cost	$13,066.60	$12,289.19	$11,059.48	$10,063.59	$
Average Steam Cost	$7.60	$7.84	$7.36	$7.71	$/klbs
Efficiency By Losses	82.3	78.3	82.9	81.6	%
Efficiency By I/O	79.2	78.4	81.7	78.0	%