Central State Hospital

Heating Plant Month Report

10/1/2016
12:14 AM
Monthly Report

Description

	Plant	Units
Heating Degree Days	263.36	hdd
Total Plant Steam Flow	5,821.26	klbs
Steam Flow Per Heating Degree Day	22.1	klbs/hdd
Total Condensate Return Water Flow	244.7	klbs
Total Plant Gas Flow	7,097.36	kscf
Total Plant Gas Cost	$43,583.11	$
Total Plant Oil Flow	0.0	gals
Total Plant Oil Cost	$0.00	$
Total Plant Fuel Cost	$43,583.11	$
Fuel Cost Per Heating Degree Day	$165.49	$/hdd
Plant Average Steam Cost Per Degree Day	$0.03	$/klbs
Total Plant Efficiency By I/O	85.5	%

Condensate Transfer Pump #1 Run Time	413.7	hrs
Condensate Transfer Pump #2 Run Time	163.8	hrs
Condensate Transfer Pump #3 Run Time	166.3	hrs
Boiler Feed Pump #1 Run Time	0.0	hrs
Boiler Feed Pump #2 Run Time	318.4	hrs
Boiler Feed Pump #3 Run Time	167.1	hrs
Boiler Feed Pump #4 Run Time	259.0	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	165.8	184.9	275.7	174.0	hrs
Steam Flow	1142.18	1408.48	1880.15	1390.45	klbs
Gas Flow	1417.91	1811.96	2183.73	1683.76	kscf
Natural Gas Cost	$8,707.03	$11,126.79	$13,409.74	$10,339.55	$
Oil Flow	0.0	0.0	0.0	0.0	gals
Oil Cost	$0.00	$0.00	$0.00	$0.00	$
Total Fuel Cost	$8,707.03	$11,126.79	$13,409.74	$10,339.55	$
Average Steam Cost	$7.62	$7.90	$7.13	$7.44	$/klbs
Efficiency By Losses					%
Efficiency By I/O	78.9	76.1	84.3	80.9	%