

Central State Hospital

Heating Plant Month Report

1/1/2017

12:10 AM

Monthly Report

Description

	Plant				Units
Heating Degree Days	1,461.01				hdd
Total Plant Steam Flow	10,174.66				klbs
Steam Flow Per Heating Degree Day	7.0				klbs/hdd
Total Condensate Return Water Flow	186.7				klbs
Total Plant Gas Flow	11,625.23				kscf
Total Plant Gas Cost	\$71,387.61				\$
Total Plant Oil Flow	0.5				gals
Total Plant Oil Cost	\$1.82				\$
Total Plant Fuel Cost	\$71,389.42				\$
Fuel Cost Per Heating Degree Day	\$48.86				\$/hdd
Plant Average Steam Cost Per Degree Day	\$0.00				\$/klbs
Total Plant Efficiency By I/O	85.7				%
Condensate Transfer Pump #1 Run Time	191.4				hrs
Condensate Transfer Pump #2 Run Time	316.7				hrs
Condensate Transfer Pump #3 Run Time	259.8				hrs
Boiler Feed Pump #1 Run Time	0.0				hrs
Boiler Feed Pump #2 Run Time	743.7				hrs
Boiler Feed Pump #3 Run Time	0.0				hrs
Boiler Feed Pump #4 Run Time	0.5				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	15.0	68.6	388.2	315.6	hrs
Steam Flow	0.00	704.77	5164.66	4305.22	klbs
Gas Flow	73.44	922.99	5771.93	4856.86	kscf
Natural Gas Cost	\$451.00	\$5,667.85	\$35,443.97	\$29,824.79	\$
Oil Flow	0.0	0.0	0.0	0.5	gals
Oil Cost	\$0.00	\$0.00	\$0.00	\$1.82	\$
Total Fuel Cost	\$451.00	\$5,667.85	\$35,443.97	\$29,826.60	\$
Average Steam Cost	---	\$8.04	\$6.86	\$6.93	\$/klbs
Efficiency By Losses	0.0	0.0	82.7	0.0	%
Efficiency By I/O	0.0	74.8	87.6	86.8	%