

Central State Hospital

Heating Plant Month Report

5/1/2016

12:02 AM

Monthly Report

Description

	Plant				Units
Heating Degree Days	306.17				hdd
Total Plant Steam Flow	6,471.70				klbs
Steam Flow Per Heating Degree Day	21.1				klbs/hdd
Total Condensate Return Water Flow	237.9				klbs
Total Plant Gas Flow	7,781.47				kscf
Total Plant Gas Cost	\$47,784.05				\$
Total Plant Oil Flow	0.0				gals
Total Plant Oil Cost	\$0.06				\$
Total Plant Fuel Cost	\$47,784.11				\$
Fuel Cost Per Heating Degree Day	\$156.07				\$/hdd
Plant Average Steam Cost Per Degree Day	\$0.02				\$/klbs
Total Plant Efficiency By I/O	81.4				%
Condensate Transfer Pump #1 Run Time	210.1				hrs
Condensate Transfer Pump #2 Run Time	252.1				hrs
Condensate Transfer Pump #3 Run Time	257.8				hrs
Boiler Feed Pump #1 Run Time	89.4				hrs
Boiler Feed Pump #2 Run Time	168.1				hrs
Boiler Feed Pump #3 Run Time	446.4				hrs
Boiler Feed Pump #4 Run Time	16.7				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	349.4	229.9	4.1	183.8	hrs
Steam Flow	2865.21	2110.55	5.17	1490.77	klbs
Gas Flow	3355.67	2609.05	24.89	1791.86	kscf
Natural Gas Cost	\$20,606.32	\$16,021.54	\$152.85	\$11,003.34	\$
Oil Flow	0.0	0.0	0.0	0.0	gals
Oil Cost	\$0.00	\$0.00	\$0.00	\$0.06	\$
Total Fuel Cost	\$20,606.32	\$16,021.54	\$152.85	\$11,003.39	\$
Average Steam Cost	\$7.19	\$7.59	\$29.55	\$7.38	\$/klbs
Efficiency By Losses	0.0	77.8	0.0	0.0	%
Efficiency By I/O	83.6	79.2	20.4	81.5	%