

Central State Hospital

Heating Plant Month Report

4/1/2016

12:02 AM

Monthly Report

Description

	Plant				Units
Heating Degree Days	393.13				hdd
Total Plant Steam Flow	7,361.21				klbs
Steam Flow Per Heating Degree Day	18.7				klbs/hdd
Total Condensate Return Water Flow	244.6				klbs
Total Plant Gas Flow	8,817.20				kscf
Total Plant Gas Cost	\$54,144.20				\$
Total Plant Oil Flow	0.0				gals
Total Plant Oil Cost	\$0.00				\$
Total Plant Fuel Cost	\$54,144.20				\$
Fuel Cost Per Heating Degree Day	\$137.73				\$/hdd
Plant Average Steam Cost Per Degree Day	\$0.02				\$/klbs
Total Plant Efficiency By I/O	81.8				%
Condensate Transfer Pump #1 Run Time	244.6				hrs
Condensate Transfer Pump #2 Run Time	250.0				hrs
Condensate Transfer Pump #3 Run Time	248.5				hrs
Boiler Feed Pump #1 Run Time	162.4				hrs
Boiler Feed Pump #2 Run Time	167.6				hrs
Boiler Feed Pump #3 Run Time	328.1				hrs
Boiler Feed Pump #4 Run Time	84.8				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	194.9	187.2	78.0	341.5	hrs
Steam Flow	1441.86	1751.04	922.26	3246.06	klbs
Gas Flow	1772.03	2195.75	1021.80	3827.62	kscf
Natural Gas Cost	\$10,881.58	\$13,483.55	\$6,274.61	\$23,504.47	\$
Oil Flow	0.0	0.0	0.0	0.0	gals
Oil Cost	\$0.00	\$0.00	\$0.00	\$0.00	\$
Total Fuel Cost	\$10,881.58	\$13,483.55	\$6,274.61	\$23,504.47	\$
Average Steam Cost	\$7.55	\$7.70	\$6.80	\$7.24	\$/klbs
Efficiency By Losses	0.0	0.0	0.0	0.0	%
Efficiency By I/O	79.7	78.1	88.4	83.1	%