

Central State Hospital

Heating Plant Month Report

2/1/2016

12:01 AM

Monthly Report

Description

	Plant				Units
Heating Degree Days	1,019.86				hdd
Total Plant Steam Flow	10,149.58				klbs
Steam Flow Per Heating Degree Day	10.0				klbs/hdd
Total Condensate Return Water Flow	164.2				klbs
Total Plant Gas Flow	12,007.72				kscf
Total Plant Gas Cost	\$73,736.40				\$
Total Plant Oil Flow	0.0				gals
Total Plant Oil Cost	\$0.15				\$
Total Plant Fuel Cost	\$73,736.55				\$
Fuel Cost Per Heating Degree Day	\$72.30				\$/hdd
Plant Average Steam Cost Per Degree Day	\$0.01				\$/klbs
Total Plant Efficiency By I/O	82.8				%
Condensate Transfer Pump #1 Run Time	182.4				hrs
Condensate Transfer Pump #2 Run Time	433.1				hrs
Condensate Transfer Pump #3 Run Time	123.1				hrs
Boiler Feed Pump #1 Run Time	230.8				hrs
Boiler Feed Pump #2 Run Time	156.2				hrs
Boiler Feed Pump #3 Run Time	189.6				hrs
Boiler Feed Pump #4 Run Time	127.7				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	9.0	288.7	223.3	267.2	hrs
Steam Flow	8.03	3509.17	3305.90	3326.49	klbs
Gas Flow	53.78	4278.06	3789.87	3886.00	kscf
Natural Gas Cost	\$330.27	\$26,270.52	\$23,272.63	\$23,862.96	\$
Oil Flow	0.0	0.0	0.0	0.0	gals
Oil Cost	\$0.00	\$0.00	\$0.00	\$0.15	\$
Total Fuel Cost	\$330.27	\$26,270.52	\$23,272.63	\$23,863.11	\$
Average Steam Cost	\$41.15	\$7.49	\$7.04	\$7.17	\$/klbs
Efficiency By Losses	0.0	0.0	0.0	0.0	%
Efficiency By I/O	14.6	80.3	85.4	83.8	%