

Central State Hospital

Heating Plant Month Report

2/1/2017

12:10 AM

Monthly Report

Description

	Plant				Units
Heating Degree Days	784.12				hdd
Total Plant Steam Flow	10,327.37				klbs
Steam Flow Per Heating Degree Day	13.2				klbs/hdd
Total Condensate Return Water Flow	176.3				klbs
Total Plant Gas Flow	11,769.10				kscf
Total Plant Gas Cost	\$72,271.09				\$
Total Plant Oil Flow	2.1				gals
Total Plant Oil Cost	\$8.14				\$
Total Plant Fuel Cost	\$72,279.22				\$
Fuel Cost Per Heating Degree Day	\$92.18				\$/hdd
Plant Average Steam Cost Per Degree Day	\$0.01				\$/klbs
Total Plant Efficiency By I/O	85.9				%
Condensate Transfer Pump #1 Run Time	395.7				hrs
Condensate Transfer Pump #2 Run Time	168.4				hrs
Condensate Transfer Pump #3 Run Time	193.2				hrs
Boiler Feed Pump #1 Run Time	0.0				hrs
Boiler Feed Pump #2 Run Time	741.7				hrs
Boiler Feed Pump #3 Run Time	0.0				hrs
Boiler Feed Pump #4 Run Time	1.3				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	0.0	143.2	326.3	339.6	hrs
Steam Flow	0.00	2013.08	3760.04	4554.26	klbs
Gas Flow	0.00	2363.03	4225.77	5180.30	kscf
Natural Gas Cost	\$0.00	\$14,510.80	\$25,949.38	\$31,810.91	\$
Oil Flow	0.0	0.0	0.0	2.1	gals
Oil Cost	\$0.00	\$0.00	\$0.00	\$8.14	\$
Total Fuel Cost	\$0.00	\$14,510.80	\$25,949.38	\$31,819.04	\$
Average Steam Cost	---	\$7.21	\$6.90	\$6.99	\$/klbs
Efficiency By Losses	0.0	79.8	0.0	0.0	%
Efficiency By I/O	---	83.4	87.1	86.1	%