

Central State Hospital

Heating Plant Month Report

7/1/2015

12:01 AM

Monthly Report

Description

	Plant				Units
Heating Degree Days	114.47				hdd
Total Plant Steam Flow	4,002.67				klbs
Steam Flow Per Heating Degree Day	35.0				klbs/hdd
Total Condensate Return Water Flow	267.4				klbs
Total Plant Gas Flow	5,265.26				kscf
Total Plant Gas Cost	\$32,332.68				\$
Total Plant Oil Flow	49.4				gals
Total Plant Oil Cost	\$190.90				\$
Total Plant Fuel Cost	\$32,523.58				\$
Fuel Cost Per Heating Degree Day	\$284.11				\$/hdd
Plant Average Steam Cost Per Degree Day	\$0.07				\$/klbs
Total Plant Efficiency By I/O	74.4				%
Condensate Transfer Pump #1 Run Time	171.2				hrs
Condensate Transfer Pump #2 Run Time	250.4				hrs
Condensate Transfer Pump #3 Run Time	295.2				hrs
Boiler Feed Pump #1 Run Time	156.3				hrs
Boiler Feed Pump #2 Run Time	227.5				hrs
Boiler Feed Pump #3 Run Time	179.2				hrs
Boiler Feed Pump #4 Run Time	164.8				hrs
Fuel Oil Pump #1 Run Time	0.0				hrs
Fuel Oil Pump #2 Run Time	1.2				hrs
	Boiler 1	Boiler 2	Boiler 3	Boiler 4	Units
Run Time	185.6	180.6	175.4	225.7	hrs
Steam Flow	1022.13	902.08	831.41	1247.05	klbs
Gas Flow	1388.63	1262.08	1045.23	1569.32	kscf
Natural Gas Cost	\$8,527.22	\$7,750.12	\$6,418.51	\$9,636.83	\$
Oil Flow	0.0	0.0	0.0	49.4	gals
Oil Cost	\$0.00	\$0.00	\$0.00	\$190.90	\$
Total Fuel Cost	\$8,527.22	\$7,750.12	\$6,418.51	\$9,827.73	\$
Average Steam Cost	\$8.34	\$8.59	\$7.72	\$7.88	\$/klbs
Efficiency By Losses	81.0	76.2	82.1	81.3	%
Efficiency By I/O	72.1	70.0	77.9	77.5	%