

Central State Hospital

Heating Plant Month Report

9/1/2015

12:01 AM

Monthly Report

Description

	Plant				Units
Heating Degree Days	69.43				hdd
Total Plant Steam Flow	3,951.64				klbs
Steam Flow Per Heating Degree Day	56.9				klbs/hdd
Total Condensate Return Water Flow	283.0				klbs
Total Plant Gas Flow	5,099.09				kscf
Total Plant Gas Cost	\$31,312.22				\$
Total Plant Oil Flow	0.0				gals
Total Plant Oil Cost	\$0.00				\$
Total Plant Fuel Cost	\$31,312.22				\$
Fuel Cost Per Heating Degree Day	\$450.97				\$/hdd
Plant Average Steam Cost Per Degree Day	\$0.11				\$/klbs
Total Plant Efficiency By I/O	75.9				%
Condensate Transfer Pump #1 Run Time	219.5				hrs
Condensate Transfer Pump #2 Run Time	334.7				hrs
Condensate Transfer Pump #3 Run Time	189.1				hrs
Boiler Feed Pump #1 Run Time	175.7				hrs
Boiler Feed Pump #2 Run Time	215.4				hrs
Boiler Feed Pump #3 Run Time	176.0				hrs
Boiler Feed Pump #4 Run Time	176.3				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	184.8	250.4	175.4	182.2	hrs
Steam Flow	879.90	1274.73	903.92	893.10	klbs
Gas Flow	1190.14	1688.64	1091.86	1128.45	kscf
Natural Gas Cost	\$7,308.35	\$10,369.49	\$6,704.86	\$6,929.51	\$
Oil Flow	0.0	0.0	0.0	0.0	gals
Oil Cost	\$0.00	\$0.00	\$0.00	\$0.00	\$
Total Fuel Cost	\$7,308.35	\$10,369.49	\$6,704.86	\$6,929.51	\$
Average Steam Cost	\$8.31	\$8.13	\$7.42	\$7.76	\$/klbs
Efficiency By Losses	80.9	77.6	82.3	81.4	%
Efficiency By I/O	72.4	73.9	81.1	77.5	%