

Central State Hospital

Heating Plant Month Report

3/1/2016

12:02 AM

Monthly Report

Description

	Plant				Units
Heating Degree Days	746.27				hdd
Total Plant Steam Flow	9,237.10				klbs
Steam Flow Per Heating Degree Day	12.4				klbs/hdd
Total Condensate Return Water Flow	159.1				klbs
Total Plant Gas Flow	10,832.40				kscf
Total Plant Gas Cost	\$66,519.09				\$
Total Plant Oil Flow	0.0				gals
Total Plant Oil Cost	\$0.00				\$
Total Plant Fuel Cost	\$66,519.09				\$
Fuel Cost Per Heating Degree Day	\$89.14				\$/hdd
Plant Average Steam Cost Per Degree Day	\$0.01				\$/klbs
Total Plant Efficiency By I/O	83.5				%
Condensate Transfer Pump #1 Run Time	284.8				hrs
Condensate Transfer Pump #2 Run Time	167.4				hrs
Condensate Transfer Pump #3 Run Time	245.0				hrs
Boiler Feed Pump #1 Run Time	190.1				hrs
Boiler Feed Pump #2 Run Time	167.7				hrs
Boiler Feed Pump #3 Run Time	168.6				hrs
Boiler Feed Pump #4 Run Time	169.4				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	184.7	346.8	110.3	115.3	hrs
Steam Flow	2502.71	4465.98	1138.17	1130.25	klbs
Gas Flow	2819.37	5306.15	1327.38	1379.50	kscf
Natural Gas Cost	\$17,313.08	\$32,583.77	\$8,151.10	\$8,471.14	\$
Oil Flow	0.0	0.0	0.0	0.0	gals
Oil Cost	\$0.00	\$0.00	\$0.00	\$0.00	\$
Total Fuel Cost	\$17,313.08	\$32,583.77	\$8,151.10	\$8,471.14	\$
Average Steam Cost	\$6.92	\$7.30	\$7.16	\$7.49	\$/klbs
Efficiency By Losses	0.0	0.0	0.0	0.0	%
Efficiency By I/O	86.9	82.4	84.0	80.2	%