

Central State Hospital

Heating Plant Month Report

12/1/2016

12:10 AM

Monthly Report

Description

	Plant				Units
Heating Degree Days	742.30				hdd
Total Plant Steam Flow	8,025.17				klbs
Steam Flow Per Heating Degree Day	10.8				klbs/hdd
Total Condensate Return Water Flow	195.3				klbs
Total Plant Gas Flow	9,404.57				kscf
Total Plant Gas Cost	\$57,751.10				\$
Total Plant Oil Flow	0.0				gals
Total Plant Oil Cost	\$0.00				\$
Total Plant Fuel Cost	\$57,751.10				\$
Fuel Cost Per Heating Degree Day	\$77.80				\$/hdd
Plant Average Steam Cost Per Degree Day	\$0.01				\$/klbs
Total Plant Efficiency By I/O	83.6				%
Condensate Transfer Pump #1 Run Time	454.6				hrs
Condensate Transfer Pump #2 Run Time	126.2				hrs
Condensate Transfer Pump #3 Run Time	144.2				hrs
Boiler Feed Pump #1 Run Time	0.1				hrs
Boiler Feed Pump #2 Run Time	594.8				hrs
Boiler Feed Pump #3 Run Time	26.5				hrs
Boiler Feed Pump #4 Run Time	124.1				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	162.7	399.4	200.8	0.5	hrs
Steam Flow	1729.69	4194.58	2100.89	0.00	klbs
Gas Flow	1971.69	5045.01	2385.15	2.72	kscf
Natural Gas Cost	\$12,107.64	\$30,980.14	\$14,646.59	\$16.73	\$
Oil Flow	0.0	0.0	0.0	0.0	gals
Oil Cost	\$0.00	\$0.00	\$0.00	\$0.00	\$
Total Fuel Cost	\$12,107.64	\$30,980.14	\$14,646.59	\$16.73	\$
Average Steam Cost	\$7.00	\$7.39	\$6.97	---	\$/klbs
Efficiency By Losses	0.0	0.0	82.9	0.0	%
Efficiency By I/O	85.9	81.4	86.3	0.0	%