

Central State Hospital

Heating Plant Month Report

3/1/2017

12:10 AM

Monthly Report

Description

	Plant				Units
Heating Degree Days	516.76				hdd
Total Plant Steam Flow	8,282.12				klbs
Steam Flow Per Heating Degree Day	16.0				klbs/hdd
Total Condensate Return Water Flow	122.2				klbs
Total Plant Gas Flow	9,554.90				kscf
Total Plant Gas Cost	\$58,674.28				\$
Total Plant Oil Flow	1.1				gals
Total Plant Oil Cost	\$4.37				\$
Total Plant Fuel Cost	\$58,678.65				\$
Fuel Cost Per Heating Degree Day	\$113.55				\$/hdd
Plant Average Steam Cost Per Degree Day	\$0.01				\$/klbs
Total Plant Efficiency By I/O	84.9				%
Condensate Transfer Pump #1 Run Time	229.3				hrs
Condensate Transfer Pump #2 Run Time	283.8				hrs
Condensate Transfer Pump #3 Run Time	192.3				hrs
Boiler Feed Pump #1 Run Time	0.0				hrs
Boiler Feed Pump #2 Run Time	671.6				hrs
Boiler Feed Pump #3 Run Time	0.0				hrs
Boiler Feed Pump #4 Run Time	0.7				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	212.8	317.4	175.7	hrs
Steam Flow	0.00	2428.92	3698.84	2154.36	klbs
Gas Flow	0.00	2947.30	4147.51	2460.09	kscf
Natural Gas Cost	\$0.00	\$18,098.65	\$25,468.81	\$15,106.82	\$
Oil Flow	0.0	0.0	0.0	1.1	gals
Oil Cost	\$0.00	\$0.00	\$0.00	\$4.37	\$
Total Fuel Cost	\$0.00	\$18,098.65	\$25,468.81	\$15,111.19	\$
Average Steam Cost	---	\$7.45	\$6.89	\$7.01	\$/klbs
Efficiency By Losses	0.0	0.0	82.9	0.0	%
Efficiency By I/O	---	80.7	87.3	85.8	%