

# Central State Hospital

## Heating Plant Month Report

4/1/2017

12:10 AM

Monthly Report

### Description

	Plant				Units
Heating Degree Days	540.85				hdd
Total Plant Steam Flow	9,298.33				klbs
Steam Flow Per Heating Degree Day	17.2				klbs/hdd
Total Condensate Return Water Flow	147.7				klbs
Total Plant Gas Flow	10,947.57				kscf
Total Plant Gas Cost	\$67,226.28				\$
Total Plant Oil Flow	0.1				gals
Total Plant Oil Cost	\$0.53				\$
Total Plant Fuel Cost	\$67,226.81				\$
Fuel Cost Per Heating Degree Day	\$124.30				\$/hdd
Plant Average Steam Cost Per Degree Day	\$0.01				\$/klbs
Total Plant Efficiency By I/O	83.2				%
Condensate Transfer Pump #1 Run Time	202.3				hrs
Condensate Transfer Pump #2 Run Time	331.0				hrs
Condensate Transfer Pump #3 Run Time	245.2				hrs
Boiler Feed Pump #1 Run Time	0.0				hrs
Boiler Feed Pump #2 Run Time	463.8				hrs
Boiler Feed Pump #3 Run Time	183.1				hrs
Boiler Feed Pump #4 Run Time	103.3				hrs
Fuel Oil Pump #1 Run Time	0.0				hrs
Fuel Oil Pump #2 Run Time	0.0				hrs
	<b>Boiler 1</b>	<b>Boiler 2</b>	<b>Boiler 3</b>	<b>Boiler 4</b>	<b>Units</b>
Run Time	0.0	394.2	44.4	342.9	hrs
Steam Flow	0.00	4921.18	262.23	4114.92	klbs
Gas Flow	0.00	5900.51	377.19	4669.88	kscf
Natural Gas Cost	\$0.00	\$36,233.54	\$2,316.20	\$28,676.53	\$
Oil Flow	0.0	0.0	0.0	0.1	gals
Oil Cost	\$0.00	\$0.00	\$0.00	\$0.53	\$
Total Fuel Cost	\$0.00	\$36,233.54	\$2,316.20	\$28,677.07	\$
Average Steam Cost	---	\$7.36	\$8.83	\$6.97	\$/klbs
Efficiency By Losses	0.0	79.1	0.0	0.0	%
Efficiency By I/O	---	81.7	68.1	86.3	%