

Central State Hospital

Heating Plant Month Report

12/1/2015

12:01 AM

Monthly Report

Description

	Plant				Units
Heating Degree Days	462.82				hdd
Total Plant Steam Flow	7,302.61				klbs
Steam Flow Per Heating Degree Day	15.8				klbs/hdd
Total Condensate Return Water Flow	256.8				klbs
Total Plant Gas Flow	8,710.59				kscf
Total Plant Gas Cost	\$53,489.57				\$
Total Plant Oil Flow	0.0				gals
Total Plant Oil Cost	\$0.00				\$
Total Plant Fuel Cost	\$53,489.57				\$
Fuel Cost Per Heating Degree Day	\$115.57				\$/hdd
Plant Average Steam Cost Per Degree Day	\$0.02				\$/klbs
Total Plant Efficiency By I/O	82.1				%
Condensate Transfer Pump #1 Run Time	294.2				hrs
Condensate Transfer Pump #2 Run Time	259.2				hrs
Condensate Transfer Pump #3 Run Time	167.4				hrs
Boiler Feed Pump #1 Run Time	80.6				hrs
Boiler Feed Pump #2 Run Time	297.2				hrs
Boiler Feed Pump #3 Run Time	167.4				hrs
Boiler Feed Pump #4 Run Time	175.6				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	13.4	328.9	244.1	182.3	hrs
Steam Flow	23.87	3307.52	2250.09	1721.13	klbs
Gas Flow	94.80	4000.25	2579.82	2035.72	kscf
Natural Gas Cost	\$582.13	\$24,564.53	\$15,842.06	\$12,500.85	\$
Oil Flow	0.0	0.0	0.0	0.0	gals
Oil Cost	\$0.00	\$0.00	\$0.00	\$0.00	\$
Total Fuel Cost	\$582.13	\$24,564.53	\$15,842.06	\$12,500.85	\$
Average Steam Cost	\$24.39	\$7.43	\$7.04	\$7.26	\$/klbs
Efficiency By Losses	0.0	0.0	0.0	0.0	%
Efficiency By I/O	24.7	81.0	85.4	82.8	%