

**Central State Hospital**  
Heating Plant Day Operations Report

5/1/2019  
7:00 AM  
Daily Report

**Description**

	Plant			Units	
Heating Degree Days	35.33			hdd	
Total Plant Steam Flow	240.96			klbs	
Steam Flow Per Heating Degree Day	6.8			klbs/hdd	
Total Condensate Return Water Flow	8.9			klbs	
Total Plant Gas Flow	272.15			kscf	
Total Plant Gas Cost	\$1,671.18			\$	
Total Plant Oil Flow	0.0			gals	
Total Plant Oil Cost	\$0.00			\$	
Total Plant Fuel Cost	\$1,671.18			\$	
Fuel Cost Per Heating Degree Day	\$47.30			\$/hdd	
Plant Average Steam Cost Per Degree Day	\$0.20			\$/klbs	
Total Plant Efficiency By I/O	86.7			%	
Condensate Transfer Pump #1 Run Time	1.7			hrs	
Condensate Transfer Pump #2 Run Time	1.7			hrs	
Condensate Transfer Pump #3 Run Time	1.7			hrs	
Boiler Feed Pump #1 Run Time	1.7			hrs	
Boiler Feed Pump #2 Run Time	1.7			hrs	
Boiler Feed Pump #3 Run Time	1.7			hrs	
Boiler Feed Pump #4 Run Time	1.7			hrs	
Fuel Oil Pump #1 Run Time	1.8			hrs	
Fuel Oil Pump #2 Run Time	0.0			hrs	
	Boiler 1	Boiler 2	Boiler 3	Boiler 4	Units
Run Time	0.6	0.0	23.5	0.0	hrs
Steam Flow	0.00	0.00	240.96	0.00	klbs
Gas Flow	0.00	0.00	272.15	0.00	kscf
Natural Gas Cost	\$0.00	\$0.00	\$1,671.18	\$0.00	\$
Oil Flow	0.0	0.0	0.0	0.0	gals
Oil Cost	\$0.00	\$0.00	\$0.00	\$0.00	\$
Total Fuel Cost	\$0.00	\$0.00	\$1,671.18	\$0.00	\$
Average Steam Cost	---	---	\$6.94	---	\$/klbs
Efficiency By Losses	0.0	0.0	0.0	0.0	%
Efficiency By I/O			86.7		%

**Central State Hospital**  
Heating Plant Day Operations Report

5/2/2019  
7:00 AM  
Daily Report

**Description**

	Plant	Units			
Heating Degree Days	0.00	hdd			
Total Plant Steam Flow	243.38	klbs			
Steam Flow Per Heating Degree Day	---	klbs/hdd			
Total Condensate Return Water Flow	8.9	klbs			
Total Plant Gas Flow	271.44	kscf			
Total Plant Gas Cost	\$1,666.82	\$			
Total Plant Oil Flow	0.0	gals			
Total Plant Oil Cost	\$0.00	\$			
Total Plant Fuel Cost	\$1,666.82	\$			
Fuel Cost Per Heating Degree Day	---	\$/hdd			
Plant Average Steam Cost Per Degree Day	---	\$/klbs			
Total Plant Efficiency By I/O	87.8	%			
Condensate Transfer Pump #1 Run Time	0.0	hrs			
Condensate Transfer Pump #2 Run Time	0.0	hrs			
Condensate Transfer Pump #3 Run Time	0.0	hrs			
Boiler Feed Pump #1 Run Time	0.0	hrs			
Boiler Feed Pump #2 Run Time	0.0	hrs			
Boiler Feed Pump #3 Run Time	0.0	hrs			
Boiler Feed Pump #4 Run Time	0.0	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	0.6	0.0	23.5	0.0	hrs
Steam Flow	0.00	0.00	243.38	0.00	klbs
Gas Flow	0.00	0.00	271.44	0.00	kscf
Natural Gas Cost	\$0.00	\$0.00	\$1,666.82	\$0.00	\$
Oil Flow	0.0	0.0	0.0	0.0	gals
Oil Cost	\$0.00	\$0.00	\$0.00	\$0.00	\$
Total Fuel Cost	\$0.00	\$0.00	\$1,666.82	\$0.00	\$
Average Steam Cost	---	---	\$6.85	---	\$/klbs
Efficiency By Losses	0.0	0.0	0.0	0.0	%
Efficiency By I/O			87.8		%

**Central State Hospital**  
Heating Plant Day Operations Report

5/3/2019  
7:00 AM  
Daily Report

**Description**

	Plant	Units			
Heating Degree Days	0.00	hdd			
Total Plant Steam Flow	243.40	klbs			
Steam Flow Per Heating Degree Day	---	klbs/hdd			
Total Condensate Return Water Flow	8.9	klbs			
Total Plant Gas Flow	271.46	kscf			
Total Plant Gas Cost	\$1,666.99	\$			
Total Plant Oil Flow	0.0	gals			
Total Plant Oil Cost	\$0.00	\$			
Total Plant Fuel Cost	\$1,666.99	\$			
Fuel Cost Per Heating Degree Day	---	\$/hdd			
Plant Average Steam Cost Per Degree Day	---	\$/klbs			
Total Plant Efficiency By I/O	87.8	%			
Condensate Transfer Pump #1 Run Time	0.0	hrs			
Condensate Transfer Pump #2 Run Time	0.0	hrs			
Condensate Transfer Pump #3 Run Time	0.0	hrs			
Boiler Feed Pump #1 Run Time	0.0	hrs			
Boiler Feed Pump #2 Run Time	0.0	hrs			
Boiler Feed Pump #3 Run Time	0.0	hrs			
Boiler Feed Pump #4 Run Time	0.0	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	0.6	0.0	23.5	0.0	hrs
Steam Flow	0.00	0.00	243.40	0.00	klbs
Gas Flow	0.00	0.00	271.46	0.00	kscf
Natural Gas Cost	\$0.00	\$0.00	\$1,666.99	\$0.00	\$
Oil Flow	0.0	0.0	0.0	0.0	gals
Oil Cost	\$0.00	\$0.00	\$0.00	\$0.00	\$
Total Fuel Cost	\$0.00	\$0.00	\$1,666.99	\$0.00	\$
Average Steam Cost	---	---	\$6.85	---	\$/klbs
Efficiency By Losses	0.0	0.0	0.0	0.0	%
Efficiency By I/O			87.8		%

**Central State Hospital**  
Heating Plant Day Operations Report

5/4/2019  
7:00 AM  
Daily Report

**Description**

	Plant	Units			
Heating Degree Days	0.00	hdd			
Total Plant Steam Flow	243.37	klbs			
Steam Flow Per Heating Degree Day	---	klbs/hdd			
Total Condensate Return Water Flow	8.9	klbs			
Total Plant Gas Flow	271.43	kscf			
Total Plant Gas Cost	\$1,666.80	\$			
Total Plant Oil Flow	0.0	gals			
Total Plant Oil Cost	\$0.00	\$			
Total Plant Fuel Cost	\$1,666.80	\$			
Fuel Cost Per Heating Degree Day	---	\$/hdd			
Plant Average Steam Cost Per Degree Day	---	\$/klbs			
Total Plant Efficiency By I/O	87.8	%			
Condensate Transfer Pump #1 Run Time	0.0	hrs			
Condensate Transfer Pump #2 Run Time	0.0	hrs			
Condensate Transfer Pump #3 Run Time	0.0	hrs			
Boiler Feed Pump #1 Run Time	0.0	hrs			
Boiler Feed Pump #2 Run Time	0.0	hrs			
Boiler Feed Pump #3 Run Time	0.0	hrs			
Boiler Feed Pump #4 Run Time	0.0	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	0.6	0.0	23.5	0.0	hrs
Steam Flow	0.00	0.00	243.37	0.00	klbs
Gas Flow	0.00	0.00	271.43	0.00	kscf
Natural Gas Cost	\$0.00	\$0.00	\$1,666.80	\$0.00	\$
Oil Flow	0.0	0.0	0.0	0.0	gals
Oil Cost	\$0.00	\$0.00	\$0.00	\$0.00	\$
Total Fuel Cost	\$0.00	\$0.00	\$1,666.80	\$0.00	\$
Average Steam Cost	---	---	\$6.85	---	\$/klbs
Efficiency By Losses	0.0	0.0	0.0	0.0	%
Efficiency By I/O			87.8		%

**Central State Hospital**  
Heating Plant Day Operations Report

5/5/2019  
7:00 AM  
Daily Report

**Description**

	Plant	Units			
Heating Degree Days	0.00	hdd			
Total Plant Steam Flow	243.41	klbs			
Steam Flow Per Heating Degree Day	---	klbs/hdd			
Total Condensate Return Water Flow	8.9	klbs			
Total Plant Gas Flow	271.48	kscf			
Total Plant Gas Cost	\$1,667.06	\$			
Total Plant Oil Flow	0.0	gals			
Total Plant Oil Cost	\$0.00	\$			
Total Plant Fuel Cost	\$1,667.06	\$			
Fuel Cost Per Heating Degree Day	---	\$/hdd			
Plant Average Steam Cost Per Degree Day	---	\$/klbs			
Total Plant Efficiency By I/O	87.8	%			
Condensate Transfer Pump #1 Run Time	0.0	hrs			
Condensate Transfer Pump #2 Run Time	0.0	hrs			
Condensate Transfer Pump #3 Run Time	0.0	hrs			
Boiler Feed Pump #1 Run Time	0.0	hrs			
Boiler Feed Pump #2 Run Time	0.0	hrs			
Boiler Feed Pump #3 Run Time	0.0	hrs			
Boiler Feed Pump #4 Run Time	0.0	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	0.6	0.0	23.5	0.0	hrs
Steam Flow	0.00	0.00	243.41	0.00	klbs
Gas Flow	0.00	0.00	271.48	0.00	kscf
Natural Gas Cost	\$0.00	\$0.00	\$1,667.06	\$0.00	\$
Oil Flow	0.0	0.0	0.0	0.0	gals
Oil Cost	\$0.00	\$0.00	\$0.00	\$0.00	\$
Total Fuel Cost	\$0.00	\$0.00	\$1,667.06	\$0.00	\$
Average Steam Cost	---	---	\$6.85	---	\$/klbs
Efficiency By Losses	0.0	0.0	0.0	0.0	%
Efficiency By I/O			87.8		%

**Central State Hospital**  
Heating Plant Day Operations Report

5/6/2019  
7:00 AM  
Daily Report

**Description**

	Plant	Units			
Heating Degree Days	0.00	hdd			
Total Plant Steam Flow	243.41	klbs			
Steam Flow Per Heating Degree Day	---	klbs/hdd			
Total Condensate Return Water Flow	8.9	klbs			
Total Plant Gas Flow	271.47	kscf			
Total Plant Gas Cost	\$1,667.02	\$			
Total Plant Oil Flow	0.0	gals			
Total Plant Oil Cost	\$0.00	\$			
Total Plant Fuel Cost	\$1,667.02	\$			
Fuel Cost Per Heating Degree Day	---	\$/hdd			
Plant Average Steam Cost Per Degree Day	---	\$/klbs			
Total Plant Efficiency By I/O	87.8	%			
Condensate Transfer Pump #1 Run Time	0.0	hrs			
Condensate Transfer Pump #2 Run Time	0.0	hrs			
Condensate Transfer Pump #3 Run Time	0.0	hrs			
Boiler Feed Pump #1 Run Time	0.0	hrs			
Boiler Feed Pump #2 Run Time	0.0	hrs			
Boiler Feed Pump #3 Run Time	0.0	hrs			
Boiler Feed Pump #4 Run Time	0.0	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	0.7	0.0	23.5	0.0	hrs
Steam Flow	0.00	0.00	243.41	0.00	klbs
Gas Flow	0.00	0.00	271.47	0.00	kscf
Natural Gas Cost	\$0.00	\$0.00	\$1,667.02	\$0.00	\$
Oil Flow	0.0	0.0	0.0	0.0	gals
Oil Cost	\$0.00	\$0.00	\$0.00	\$0.00	\$
Total Fuel Cost	\$0.00	\$0.00	\$1,667.02	\$0.00	\$
Average Steam Cost	---	---	\$6.85	---	\$/klbs
Efficiency By Losses	0.0	0.0	0.0	0.0	%
Efficiency By I/O			87.8		%

**Central State Hospital**  
Heating Plant Day Operations Report

5/7/2019  
7:00 AM  
Daily Report

**Description**

	Plant	Units			
Heating Degree Days	0.00	hdd			
Total Plant Steam Flow	243.42	klbs			
Steam Flow Per Heating Degree Day	---	klbs/hdd			
Total Condensate Return Water Flow	8.9	klbs			
Total Plant Gas Flow	271.48	kscf			
Total Plant Gas Cost	\$1,667.07	\$			
Total Plant Oil Flow	0.0	gals			
Total Plant Oil Cost	\$0.00	\$			
Total Plant Fuel Cost	\$1,667.07	\$			
Fuel Cost Per Heating Degree Day	---	\$/hdd			
Plant Average Steam Cost Per Degree Day	---	\$/klbs			
Total Plant Efficiency By I/O	87.8	%			
Condensate Transfer Pump #1 Run Time	0.0	hrs			
Condensate Transfer Pump #2 Run Time	0.0	hrs			
Condensate Transfer Pump #3 Run Time	0.0	hrs			
Boiler Feed Pump #1 Run Time	0.0	hrs			
Boiler Feed Pump #2 Run Time	0.0	hrs			
Boiler Feed Pump #3 Run Time	0.0	hrs			
Boiler Feed Pump #4 Run Time	0.0	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	22.6	0.0	1.2	1.0	hrs
Steam Flow	0.00	0.00	243.42	0.00	klbs
Gas Flow	0.00	0.00	271.48	0.00	kscf
Natural Gas Cost	\$0.00	\$0.00	\$1,667.07	\$0.00	\$
Oil Flow	0.0	0.0	0.0	0.0	gals
Oil Cost	\$0.00	\$0.00	\$0.00	\$0.00	\$
Total Fuel Cost	\$0.00	\$0.00	\$1,667.07	\$0.00	\$
Average Steam Cost	---	---	\$6.85	---	\$/klbs
Efficiency By Losses	0.0	0.0	0.0	0.0	%
Efficiency By I/O			87.8		%

**Central State Hospital**  
Heating Plant Day Operations Report

5/8/2019  
7:00 AM  
Daily Report

**Description**

	Plant				Units
Heating Degree Days	0.00				hdd
Total Plant Steam Flow	243.37				klbs
Steam Flow Per Heating Degree Day	---				klbs/hdd
Total Condensate Return Water Flow	8.9				klbs
Total Plant Gas Flow	271.43				kscf
Total Plant Gas Cost	\$1,666.76				\$
Total Plant Oil Flow	0.0				gals
Total Plant Oil Cost	\$0.00				\$
Total Plant Fuel Cost	\$1,666.76				\$
Fuel Cost Per Heating Degree Day	---				\$/hdd
Plant Average Steam Cost Per Degree Day	---				\$/klbs
Total Plant Efficiency By I/O	87.8				%
Condensate Transfer Pump #1 Run Time	0.0				hrs
Condensate Transfer Pump #2 Run Time	0.0				hrs
Condensate Transfer Pump #3 Run Time	0.0				hrs
Boiler Feed Pump #1 Run Time	0.0				hrs
Boiler Feed Pump #2 Run Time	0.0				hrs
Boiler Feed Pump #3 Run Time	0.0				hrs
Boiler Feed Pump #4 Run Time	0.0				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	23.5	0.0	0.6	0.4	hrs
Steam Flow	0.00	0.00	243.37	0.00	klbs
Gas Flow	0.00	0.00	271.43	0.00	kscf
Natural Gas Cost	\$0.00	\$0.00	\$1,666.76	\$0.00	\$
Oil Flow	0.0	0.0	0.0	0.0	gals
Oil Cost	\$0.00	\$0.00	\$0.00	\$0.00	\$
Total Fuel Cost	\$0.00	\$0.00	\$1,666.76	\$0.00	\$
Average Steam Cost	---	---	\$6.85	---	\$/klbs
Efficiency By Losses	0.0	0.0	0.0	0.0	%
Efficiency By I/O			87.8		%



**Central State Hospital**  
Heating Plant Day Operations Report

5/9/2019  
7:00 AM  
Daily Report

**Description**

	Plant	Units			
Heating Degree Days	0.00	hdd			
Total Plant Steam Flow	243.37	klbs			
Steam Flow Per Heating Degree Day	---	klbs/hdd			
Total Condensate Return Water Flow	8.9	klbs			
Total Plant Gas Flow	271.43	kscf			
Total Plant Gas Cost	\$1,666.75	\$			
Total Plant Oil Flow	0.0	gals			
Total Plant Oil Cost	\$0.00	\$			
Total Plant Fuel Cost	\$1,666.75	\$			
Fuel Cost Per Heating Degree Day	---	\$/hdd			
Plant Average Steam Cost Per Degree Day	---	\$/klbs			
Total Plant Efficiency By I/O	87.8	%			
Condensate Transfer Pump #1 Run Time	0.0	hrs			
Condensate Transfer Pump #2 Run Time	0.0	hrs			
Condensate Transfer Pump #3 Run Time	0.0	hrs			
Boiler Feed Pump #1 Run Time	0.0	hrs			
Boiler Feed Pump #2 Run Time	0.0	hrs			
Boiler Feed Pump #3 Run Time	0.0	hrs			
Boiler Feed Pump #4 Run Time	0.0	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	23.5	0.0	0.7	0.3	hrs
Steam Flow	0.00	0.00	243.37	0.00	klbs
Gas Flow	0.00	0.00	271.43	0.00	kscf
Natural Gas Cost	\$0.00	\$0.00	\$1,666.75	\$0.00	\$
Oil Flow	0.0	0.0	0.0	0.0	gals
Oil Cost	\$0.00	\$0.00	\$0.00	\$0.00	\$
Total Fuel Cost	\$0.00	\$0.00	\$1,666.75	\$0.00	\$
Average Steam Cost	---	---	\$6.85	---	\$/klbs
Efficiency By Losses	0.0	0.0	0.0	0.0	%
Efficiency By I/O			87.8		%

**Central State Hospital**  
Heating Plant Day Operations Report

5/10/2019  
7:00 AM  
Daily Report

**Description**

	Plant	Units			
Heating Degree Days	0.00	hdd			
Total Plant Steam Flow	243.37	klbs			
Steam Flow Per Heating Degree Day	---	klbs/hdd			
Total Condensate Return Water Flow	8.9	klbs			
Total Plant Gas Flow	271.43	kscf			
Total Plant Gas Cost	\$1,666.76	\$			
Total Plant Oil Flow	0.0	gals			
Total Plant Oil Cost	\$0.00	\$			
Total Plant Fuel Cost	\$1,666.76	\$			
Fuel Cost Per Heating Degree Day	---	\$/hdd			
Plant Average Steam Cost Per Degree Day	---	\$/klbs			
Total Plant Efficiency By I/O	87.8	%			
Condensate Transfer Pump #1 Run Time	0.0	hrs			
Condensate Transfer Pump #2 Run Time	0.0	hrs			
Condensate Transfer Pump #3 Run Time	0.0	hrs			
Boiler Feed Pump #1 Run Time	0.0	hrs			
Boiler Feed Pump #2 Run Time	0.0	hrs			
Boiler Feed Pump #3 Run Time	0.0	hrs			
Boiler Feed Pump #4 Run Time	0.0	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	23.5	0.0	0.7	0.4	hrs
Steam Flow	0.00	0.00	243.37	0.00	klbs
Gas Flow	0.00	0.00	271.43	0.00	kscf
Natural Gas Cost	\$0.00	\$0.00	\$1,666.76	\$0.00	\$
Oil Flow	0.0	0.0	0.0	0.0	gals
Oil Cost	\$0.00	\$0.00	\$0.00	\$0.00	\$
Total Fuel Cost	\$0.00	\$0.00	\$1,666.76	\$0.00	\$
Average Steam Cost	---	---	\$6.85	---	\$/klbs
Efficiency By Losses	0.0	0.0	0.0	0.0	%
Efficiency By I/O			87.8		%

**Central State Hospital**  
Heating Plant Day Operations Report

5/11/2019  
7:00 AM  
Daily Report

**Description**

	Plant	Units			
Heating Degree Days	0.00	hdd			
Total Plant Steam Flow	243.36	klbs			
Steam Flow Per Heating Degree Day	---	klbs/hdd			
Total Condensate Return Water Flow	8.9	klbs			
Total Plant Gas Flow	271.42	kscf			
Total Plant Gas Cost	\$1,666.71	\$			
Total Plant Oil Flow	0.0	gals			
Total Plant Oil Cost	\$0.00	\$			
Total Plant Fuel Cost	\$1,666.71	\$			
Fuel Cost Per Heating Degree Day	---	\$/hdd			
Plant Average Steam Cost Per Degree Day	---	\$/klbs			
Total Plant Efficiency By I/O	87.8	%			
Condensate Transfer Pump #1 Run Time	0.0	hrs			
Condensate Transfer Pump #2 Run Time	0.0	hrs			
Condensate Transfer Pump #3 Run Time	0.0	hrs			
Boiler Feed Pump #1 Run Time	0.0	hrs			
Boiler Feed Pump #2 Run Time	0.0	hrs			
Boiler Feed Pump #3 Run Time	0.0	hrs			
Boiler Feed Pump #4 Run Time	0.0	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	23.5	0.0	0.7	0.3	hrs
Steam Flow	0.00	0.00	243.36	0.00	klbs
Gas Flow	0.00	0.00	271.42	0.00	kscf
Natural Gas Cost	\$0.00	\$0.00	\$1,666.71	\$0.00	\$
Oil Flow	0.0	0.0	0.0	0.0	gals
Oil Cost	\$0.00	\$0.00	\$0.00	\$0.00	\$
Total Fuel Cost	\$0.00	\$0.00	\$1,666.71	\$0.00	\$
Average Steam Cost	---	---	\$6.85	---	\$/klbs
Efficiency By Losses	0.0	0.0	0.0	0.0	%
Efficiency By I/O			87.8		%

**Central State Hospital**  
Heating Plant Day Operations Report

5/12/2019  
7:00 AM  
Daily Report

**Description**

	Plant	Units			
Heating Degree Days	0.00	hdd			
Total Plant Steam Flow	243.37	klbs			
Steam Flow Per Heating Degree Day	---	klbs/hdd			
Total Condensate Return Water Flow	8.9	klbs			
Total Plant Gas Flow	271.43	kscf			
Total Plant Gas Cost	\$1,666.75	\$			
Total Plant Oil Flow	0.0	gals			
Total Plant Oil Cost	\$0.00	\$			
Total Plant Fuel Cost	\$1,666.75	\$			
Fuel Cost Per Heating Degree Day	---	\$/hdd			
Plant Average Steam Cost Per Degree Day	---	\$/klbs			
Total Plant Efficiency By I/O	87.8	%			
Condensate Transfer Pump #1 Run Time	0.0	hrs			
Condensate Transfer Pump #2 Run Time	0.0	hrs			
Condensate Transfer Pump #3 Run Time	0.0	hrs			
Boiler Feed Pump #1 Run Time	0.0	hrs			
Boiler Feed Pump #2 Run Time	0.0	hrs			
Boiler Feed Pump #3 Run Time	0.0	hrs			
Boiler Feed Pump #4 Run Time	0.0	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	23.5	0.0	0.6	0.3	hrs
Steam Flow	0.00	0.00	243.37	0.00	klbs
Gas Flow	0.00	0.00	271.43	0.00	kscf
Natural Gas Cost	\$0.00	\$0.00	\$1,666.75	\$0.00	\$
Oil Flow	0.0	0.0	0.0	0.0	gals
Oil Cost	\$0.00	\$0.00	\$0.00	\$0.00	\$
Total Fuel Cost	\$0.00	\$0.00	\$1,666.75	\$0.00	\$
Average Steam Cost	---	---	\$6.85	---	\$/klbs
Efficiency By Losses	0.0	0.0	0.0	0.0	%
Efficiency By I/O			87.8		%

**Central State Hospital**  
Heating Plant Day Operations Report

5/13/2019  
7:00 AM  
Daily Report

**Description**

	Plant	Units			
Heating Degree Days	0.00	hdd			
Total Plant Steam Flow	243.36	klbs			
Steam Flow Per Heating Degree Day	---	klbs/hdd			
Total Condensate Return Water Flow	8.9	klbs			
Total Plant Gas Flow	271.42	kscf			
Total Plant Gas Cost	\$1,666.71	\$			
Total Plant Oil Flow	0.0	gals			
Total Plant Oil Cost	\$0.00	\$			
Total Plant Fuel Cost	\$1,666.71	\$			
Fuel Cost Per Heating Degree Day	---	\$/hdd			
Plant Average Steam Cost Per Degree Day	---	\$/klbs			
Total Plant Efficiency By I/O	87.8	%			
Condensate Transfer Pump #1 Run Time	0.0	hrs			
Condensate Transfer Pump #2 Run Time	0.0	hrs			
Condensate Transfer Pump #3 Run Time	0.0	hrs			
Boiler Feed Pump #1 Run Time	0.0	hrs			
Boiler Feed Pump #2 Run Time	0.0	hrs			
Boiler Feed Pump #3 Run Time	0.0	hrs			
Boiler Feed Pump #4 Run Time	0.0	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	23.5	0.0	0.8	0.4	hrs
Steam Flow	0.00	0.00	243.36	0.00	klbs
Gas Flow	0.00	0.00	271.42	0.00	kscf
Natural Gas Cost	\$0.00	\$0.00	\$1,666.71	\$0.00	\$
Oil Flow	0.0	0.0	0.0	0.0	gals
Oil Cost	\$0.00	\$0.00	\$0.00	\$0.00	\$
Total Fuel Cost	\$0.00	\$0.00	\$1,666.71	\$0.00	\$
Average Steam Cost	---	---	\$6.85	---	\$/klbs
Efficiency By Losses	0.0	0.0	0.0	0.0	%
Efficiency By I/O			87.8		%

**Central State Hospital**  
Heating Plant Day Operations Report

5/14/2019  
7:00 AM  
Daily Report

**Description**

	Plant				Units
Heating Degree Days	0.00				hdd
Total Plant Steam Flow	243.38				klbs
Steam Flow Per Heating Degree Day	---				klbs/hdd
Total Condensate Return Water Flow	8.9				klbs
Total Plant Gas Flow	271.44				kscf
Total Plant Gas Cost	\$1,666.83				\$
Total Plant Oil Flow	0.0				gals
Total Plant Oil Cost	\$0.00				\$
Total Plant Fuel Cost	\$1,666.83				\$
Fuel Cost Per Heating Degree Day	---				\$/hdd
Plant Average Steam Cost Per Degree Day	---				\$/klbs
Total Plant Efficiency By I/O	87.8				%
Condensate Transfer Pump #1 Run Time	0.0				hrs
Condensate Transfer Pump #2 Run Time	0.0				hrs
Condensate Transfer Pump #3 Run Time	0.0				hrs
Boiler Feed Pump #1 Run Time	0.0				hrs
Boiler Feed Pump #2 Run Time	0.0				hrs
Boiler Feed Pump #3 Run Time	0.0				hrs
Boiler Feed Pump #4 Run Time	0.0				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	23.5	0.0	0.1	0.4	hrs
Steam Flow	0.00	0.00	243.38	0.00	klbs
Gas Flow	0.00	0.00	271.44	0.00	kscf
Natural Gas Cost	\$0.00	\$0.00	\$1,666.83	\$0.00	\$
Oil Flow	0.0	0.0	0.0	0.0	gals
Oil Cost	\$0.00	\$0.00	\$0.00	\$0.00	\$
Total Fuel Cost	\$0.00	\$0.00	\$1,666.83	\$0.00	\$
Average Steam Cost	---	---	\$6.85	---	\$/klbs
Efficiency By Losses	0.0	0.0	0.0	0.0	%
Efficiency By I/O			87.8		%

**Central State Hospital**  
Heating Plant Day Operations Report

5/15/2019  
7:00 AM  
Daily Report

**Description**

	Plant			Units	
Heating Degree Days	0.00			hdd	
Total Plant Steam Flow	243.38			klbs	
Steam Flow Per Heating Degree Day	---			klbs/hdd	
Total Condensate Return Water Flow	8.9			klbs	
Total Plant Gas Flow	271.44			kscf	
Total Plant Gas Cost	\$1,666.82			\$	
Total Plant Oil Flow	0.0			gals	
Total Plant Oil Cost	\$0.00			\$	
Total Plant Fuel Cost	\$1,666.82			\$	
Fuel Cost Per Heating Degree Day	---			\$/hdd	
Plant Average Steam Cost Per Degree Day	---			\$/klbs	
Total Plant Efficiency By I/O	87.8			%	
Condensate Transfer Pump #1 Run Time	0.0			hrs	
Condensate Transfer Pump #2 Run Time	0.0			hrs	
Condensate Transfer Pump #3 Run Time	0.0			hrs	
Boiler Feed Pump #1 Run Time	0.0			hrs	
Boiler Feed Pump #2 Run Time	0.0			hrs	
Boiler Feed Pump #3 Run Time	0.0			hrs	
Boiler Feed Pump #4 Run Time	0.0			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	23.5	0.0	1.1	0.4	hrs
Steam Flow	0.00	0.00	243.38	0.00	klbs
Gas Flow	0.00	0.00	271.44	0.00	kscf
Natural Gas Cost	\$0.00	\$0.00	\$1,666.82	\$0.00	\$
Oil Flow	0.0	0.0	0.0	0.0	gals
Oil Cost	\$0.00	\$0.00	\$0.00	\$0.00	\$
Total Fuel Cost	\$0.00	\$0.00	\$1,666.82	\$0.00	\$
Average Steam Cost	---	---	\$6.85	---	\$/klbs
Efficiency By Losses	0.0	0.0	0.0	0.0	%
Efficiency By I/O			87.8		%

**Central State Hospital**  
Heating Plant Day Operations Report

5/16/2019  
7:00 AM  
Daily Report

**Description**

	Plant				Units
Heating Degree Days	0.00				hdd
Total Plant Steam Flow	243.37				klbs
Steam Flow Per Heating Degree Day	---				klbs/hdd
Total Condensate Return Water Flow	8.9				klbs
Total Plant Gas Flow	271.43				kscf
Total Plant Gas Cost	\$1,666.77				\$
Total Plant Oil Flow	0.0				gals
Total Plant Oil Cost	\$0.00				\$
Total Plant Fuel Cost	\$1,666.77				\$
Fuel Cost Per Heating Degree Day	---				\$/hdd
Plant Average Steam Cost Per Degree Day	---				\$/klbs
Total Plant Efficiency By I/O	87.8				%
Condensate Transfer Pump #1 Run Time	0.0				hrs
Condensate Transfer Pump #2 Run Time	0.0				hrs
Condensate Transfer Pump #3 Run Time	0.0				hrs
Boiler Feed Pump #1 Run Time	0.0				hrs
Boiler Feed Pump #2 Run Time	0.0				hrs
Boiler Feed Pump #3 Run Time	0.0				hrs
Boiler Feed Pump #4 Run Time	0.0				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	23.5	0.0	1.9	0.4	hrs
Steam Flow	0.00	0.00	243.37	0.00	klbs
Gas Flow	0.00	0.00	271.43	0.00	kscf
Natural Gas Cost	\$0.00	\$0.00	\$1,666.77	\$0.00	\$
Oil Flow	0.0	0.0	0.0	0.0	gals
Oil Cost	\$0.00	\$0.00	\$0.00	\$0.00	\$
Total Fuel Cost	\$0.00	\$0.00	\$1,666.77	\$0.00	\$
Average Steam Cost	---	---	\$6.85	---	\$/klbs
Efficiency By Losses	0.0	0.0	0.0	0.0	%
Efficiency By I/O			87.8		%



**Central State Hospital**  
Heating Plant Day Operations Report

5/17/2019  
7:00 AM  
Daily Report

**Description**

	Plant				Units
Heating Degree Days	0.00				hdd
Total Plant Steam Flow	243.38				klbs
Steam Flow Per Heating Degree Day	---				klbs/hdd
Total Condensate Return Water Flow	8.9				klbs
Total Plant Gas Flow	271.44				kscf
Total Plant Gas Cost	\$1,666.86				\$
Total Plant Oil Flow	0.0				gals
Total Plant Oil Cost	\$0.00				\$
Total Plant Fuel Cost	\$1,666.86				\$
Fuel Cost Per Heating Degree Day	---				\$/hdd
Plant Average Steam Cost Per Degree Day	---				\$/klbs
Total Plant Efficiency By I/O	87.8				%
Condensate Transfer Pump #1 Run Time	0.0				hrs
Condensate Transfer Pump #2 Run Time	0.0				hrs
Condensate Transfer Pump #3 Run Time	0.0				hrs
Boiler Feed Pump #1 Run Time	0.0				hrs
Boiler Feed Pump #2 Run Time	0.0				hrs
Boiler Feed Pump #3 Run Time	0.0				hrs
Boiler Feed Pump #4 Run Time	0.0				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	23.5	0.0	0.0	0.4	hrs
Steam Flow	0.00	0.00	243.38	0.00	klbs
Gas Flow	0.00	0.00	271.44	0.00	kscf
Natural Gas Cost	\$0.00	\$0.00	\$1,666.86	\$0.00	\$
Oil Flow	0.0	0.0	0.0	0.0	gals
Oil Cost	\$0.00	\$0.00	\$0.00	\$0.00	\$
Total Fuel Cost	\$0.00	\$0.00	\$1,666.86	\$0.00	\$
Average Steam Cost	---	---	\$6.85	---	\$/klbs
Efficiency By Losses	0.0	0.0	0.0	0.0	%
Efficiency By I/O			87.8		%

**Central State Hospital**  
Heating Plant Day Operations Report

5/18/2019  
7:00 AM  
Daily Report

**Description**

	Plant		Units		
Heating Degree Days	0.00		hdd		
Total Plant Steam Flow	243.37		klbs		
Steam Flow Per Heating Degree Day	---		klbs/hdd		
Total Condensate Return Water Flow	8.9		klbs		
Total Plant Gas Flow	271.42		kscf		
Total Plant Gas Cost	\$1,666.74		\$		
Total Plant Oil Flow	0.0		gals		
Total Plant Oil Cost	\$0.00		\$		
Total Plant Fuel Cost	\$1,666.74		\$		
Fuel Cost Per Heating Degree Day	---		\$/hdd		
Plant Average Steam Cost Per Degree Day	---		\$/klbs		
Total Plant Efficiency By I/O	87.8		%		
Condensate Transfer Pump #1 Run Time	0.0		hrs		
Condensate Transfer Pump #2 Run Time	0.0		hrs		
Condensate Transfer Pump #3 Run Time	0.0		hrs		
Boiler Feed Pump #1 Run Time	0.0		hrs		
Boiler Feed Pump #2 Run Time	0.0		hrs		
Boiler Feed Pump #3 Run Time	0.0		hrs		
Boiler Feed Pump #4 Run Time	0.0		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	23.5	0.0	0.0	0.3	hrs
Steam Flow	0.00	0.00	243.37	0.00	klbs
Gas Flow	0.00	0.00	271.42	0.00	kscf
Natural Gas Cost	\$0.00	\$0.00	\$1,666.74	\$0.00	\$
Oil Flow	0.0	0.0	0.0	0.0	gals
Oil Cost	\$0.00	\$0.00	\$0.00	\$0.00	\$
Total Fuel Cost	\$0.00	\$0.00	\$1,666.74	\$0.00	\$
Average Steam Cost	---	---	\$6.85	---	\$/klbs
Efficiency By Losses	0.0	0.0	0.0	0.0	%
Efficiency By I/O			87.8		%

**Central State Hospital**  
Heating Plant Day Operations Report

5/19/2019  
7:00 AM  
Daily Report

**Description**

	Plant	Units			
Heating Degree Days	0.00	hdd			
Total Plant Steam Flow	243.37	klbs			
Steam Flow Per Heating Degree Day	---	klbs/hdd			
Total Condensate Return Water Flow	8.9	klbs			
Total Plant Gas Flow	271.43	kscf			
Total Plant Gas Cost	\$1,666.77	\$			
Total Plant Oil Flow	0.0	gals			
Total Plant Oil Cost	\$0.00	\$			
Total Plant Fuel Cost	\$1,666.77	\$			
Fuel Cost Per Heating Degree Day	---	\$/hdd			
Plant Average Steam Cost Per Degree Day	---	\$/klbs			
Total Plant Efficiency By I/O	87.8	%			
Condensate Transfer Pump #1 Run Time	0.0	hrs			
Condensate Transfer Pump #2 Run Time	0.0	hrs			
Condensate Transfer Pump #3 Run Time	0.0	hrs			
Boiler Feed Pump #1 Run Time	0.0	hrs			
Boiler Feed Pump #2 Run Time	0.0	hrs			
Boiler Feed Pump #3 Run Time	0.0	hrs			
Boiler Feed Pump #4 Run Time	0.0	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	23.5	0.0	0.0	0.3	hrs
Steam Flow	0.00	0.00	243.37	0.00	klbs
Gas Flow	0.00	0.00	271.43	0.00	kscf
Natural Gas Cost	\$0.00	\$0.00	\$1,666.77	\$0.00	\$
Oil Flow	0.0	0.0	0.0	0.0	gals
Oil Cost	\$0.00	\$0.00	\$0.00	\$0.00	\$
Total Fuel Cost	\$0.00	\$0.00	\$1,666.77	\$0.00	\$
Average Steam Cost	---	---	\$6.85	---	\$/klbs
Efficiency By Losses	0.0	0.0	0.0	0.0	%
Efficiency By I/O			87.8		%

**Central State Hospital**  
Heating Plant Day Operations Report

5/20/2019  
7:00 AM  
Daily Report

**Description**

	Plant	Units			
Heating Degree Days	0.00	hdd			
Total Plant Steam Flow	243.38	klbs			
Steam Flow Per Heating Degree Day	---	klbs/hdd			
Total Condensate Return Water Flow	8.9	klbs			
Total Plant Gas Flow	271.44	kscf			
Total Plant Gas Cost	\$1,666.86	\$			
Total Plant Oil Flow	0.0	gals			
Total Plant Oil Cost	\$0.00	\$			
Total Plant Fuel Cost	\$1,666.86	\$			
Fuel Cost Per Heating Degree Day	---	\$/hdd			
Plant Average Steam Cost Per Degree Day	---	\$/klbs			
Total Plant Efficiency By I/O	87.8	%			
Condensate Transfer Pump #1 Run Time	0.0	hrs			
Condensate Transfer Pump #2 Run Time	0.0	hrs			
Condensate Transfer Pump #3 Run Time	0.0	hrs			
Boiler Feed Pump #1 Run Time	0.0	hrs			
Boiler Feed Pump #2 Run Time	0.0	hrs			
Boiler Feed Pump #3 Run Time	0.0	hrs			
Boiler Feed Pump #4 Run Time	0.0	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	23.5	0.0	0.0	0.3	hrs
Steam Flow	0.00	0.00	243.38	0.00	klbs
Gas Flow	0.00	0.00	271.44	0.00	kscf
Natural Gas Cost	\$0.00	\$0.00	\$1,666.86	\$0.00	\$
Oil Flow	0.0	0.0	0.0	0.0	gals
Oil Cost	\$0.00	\$0.00	\$0.00	\$0.00	\$
Total Fuel Cost	\$0.00	\$0.00	\$1,666.86	\$0.00	\$
Average Steam Cost	---	---	\$6.85	---	\$/klbs
Efficiency By Losses	0.0	0.0	0.0	0.0	%
Efficiency By I/O			87.8		%

**Central State Hospital**  
Heating Plant Day Operations Report

5/21/2019  
7:00 AM  
Daily Report

**Description**

	Plant	Units			
Heating Degree Days	0.00	hdd			
Total Plant Steam Flow	243.36	klbs			
Steam Flow Per Heating Degree Day	---	klbs/hdd			
Total Condensate Return Water Flow	8.9	klbs			
Total Plant Gas Flow	271.42	kscf			
Total Plant Gas Cost	\$1,666.73	\$			
Total Plant Oil Flow	0.0	gals			
Total Plant Oil Cost	\$0.00	\$			
Total Plant Fuel Cost	\$1,666.73	\$			
Fuel Cost Per Heating Degree Day	---	\$/hdd			
Plant Average Steam Cost Per Degree Day	---	\$/klbs			
Total Plant Efficiency By I/O	87.8	%			
Condensate Transfer Pump #1 Run Time	0.0	hrs			
Condensate Transfer Pump #2 Run Time	0.0	hrs			
Condensate Transfer Pump #3 Run Time	0.0	hrs			
Boiler Feed Pump #1 Run Time	0.0	hrs			
Boiler Feed Pump #2 Run Time	0.0	hrs			
Boiler Feed Pump #3 Run Time	0.0	hrs			
Boiler Feed Pump #4 Run Time	0.0	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	23.5	0.0	0.0	0.2	hrs
Steam Flow	0.00	0.00	243.36	0.00	klbs
Gas Flow	0.00	0.00	271.42	0.00	kscf
Natural Gas Cost	\$0.00	\$0.00	\$1,666.73	\$0.00	\$
Oil Flow	0.0	0.0	0.0	0.0	gals
Oil Cost	\$0.00	\$0.00	\$0.00	\$0.00	\$
Total Fuel Cost	\$0.00	\$0.00	\$1,666.73	\$0.00	\$
Average Steam Cost	---	---	\$6.85	---	\$/klbs
Efficiency By Losses	0.0	0.0	0.0	0.0	%
Efficiency By I/O			87.8		%

**Central State Hospital**  
Heating Plant Day Operations Report

5/22/2019  
7:00 AM  
Daily Report

**Description**

	Plant	Units			
Heating Degree Days	0.00	hdd			
Total Plant Steam Flow	243.36	klbs			
Steam Flow Per Heating Degree Day	---	klbs/hdd			
Total Condensate Return Water Flow	8.9	klbs			
Total Plant Gas Flow	271.41	kscf			
Total Plant Gas Cost	\$1,666.69	\$			
Total Plant Oil Flow	0.0	gals			
Total Plant Oil Cost	\$0.00	\$			
Total Plant Fuel Cost	\$1,666.69	\$			
Fuel Cost Per Heating Degree Day	---	\$/hdd			
Plant Average Steam Cost Per Degree Day	---	\$/klbs			
Total Plant Efficiency By I/O	87.8	%			
Condensate Transfer Pump #1 Run Time	0.0	hrs			
Condensate Transfer Pump #2 Run Time	0.0	hrs			
Condensate Transfer Pump #3 Run Time	0.0	hrs			
Boiler Feed Pump #1 Run Time	0.0	hrs			
Boiler Feed Pump #2 Run Time	0.0	hrs			
Boiler Feed Pump #3 Run Time	0.0	hrs			
Boiler Feed Pump #4 Run Time	0.0	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	23.5	0.0	0.0	0.4	hrs
Steam Flow	0.00	0.00	243.36	0.00	klbs
Gas Flow	0.00	0.00	271.41	0.00	kscf
Natural Gas Cost	\$0.00	\$0.00	\$1,666.69	\$0.00	\$
Oil Flow	0.0	0.0	0.0	0.0	gals
Oil Cost	\$0.00	\$0.00	\$0.00	\$0.00	\$
Total Fuel Cost	\$0.00	\$0.00	\$1,666.69	\$0.00	\$
Average Steam Cost	---	---	\$6.85	---	\$/klbs
Efficiency By Losses	0.0	0.0	0.0	0.0	%
Efficiency By I/O			87.8		%

**Central State Hospital**  
Heating Plant Day Operations Report

5/23/2019  
7:00 AM  
Daily Report

**Description**

	Plant	Units			
Heating Degree Days	0.00	hdd			
Total Plant Steam Flow	243.36	klbs			
Steam Flow Per Heating Degree Day	---	klbs/hdd			
Total Condensate Return Water Flow	8.9	klbs			
Total Plant Gas Flow	271.42	kscf			
Total Plant Gas Cost	\$1,666.71	\$			
Total Plant Oil Flow	0.0	gals			
Total Plant Oil Cost	\$0.00	\$			
Total Plant Fuel Cost	\$1,666.71	\$			
Fuel Cost Per Heating Degree Day	---	\$/hdd			
Plant Average Steam Cost Per Degree Day	---	\$/klbs			
Total Plant Efficiency By I/O	87.8	%			
Condensate Transfer Pump #1 Run Time	0.0	hrs			
Condensate Transfer Pump #2 Run Time	0.0	hrs			
Condensate Transfer Pump #3 Run Time	0.0	hrs			
Boiler Feed Pump #1 Run Time	0.0	hrs			
Boiler Feed Pump #2 Run Time	0.0	hrs			
Boiler Feed Pump #3 Run Time	0.0	hrs			
Boiler Feed Pump #4 Run Time	0.0	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	23.5	0.0	0.0	0.4	hrs
Steam Flow	0.00	0.00	243.36	0.00	klbs
Gas Flow	0.00	0.00	271.42	0.00	kscf
Natural Gas Cost	\$0.00	\$0.00	\$1,666.71	\$0.00	\$
Oil Flow	0.0	0.0	0.0	0.0	gals
Oil Cost	\$0.00	\$0.00	\$0.00	\$0.00	\$
Total Fuel Cost	\$0.00	\$0.00	\$1,666.71	\$0.00	\$
Average Steam Cost	---	---	\$6.85	---	\$/klbs
Efficiency By Losses	0.0	0.0	0.0	0.0	%
Efficiency By I/O			87.8		%

**Central State Hospital**  
Heating Plant Day Operations Report

5/24/2019  
7:00 AM  
Daily Report

**Description**

	Plant				Units
Heating Degree Days	0.00				hdd
Total Plant Steam Flow	243.47				klbs
Steam Flow Per Heating Degree Day	---				klbs/hdd
Total Condensate Return Water Flow	8.9				klbs
Total Plant Gas Flow	271.54				kscf
Total Plant Gas Cost	\$1,667.49				\$
Total Plant Oil Flow	0.0				gals
Total Plant Oil Cost	\$0.00				\$
Total Plant Fuel Cost	\$1,667.49				\$
Fuel Cost Per Heating Degree Day	---				\$/hdd
Plant Average Steam Cost Per Degree Day	---				\$/klbs
Total Plant Efficiency By I/O	87.8				%
Condensate Transfer Pump #1 Run Time	0.0				hrs
Condensate Transfer Pump #2 Run Time	0.0				hrs
Condensate Transfer Pump #3 Run Time	0.0				hrs
Boiler Feed Pump #1 Run Time	0.0				hrs
Boiler Feed Pump #2 Run Time	0.0				hrs
Boiler Feed Pump #3 Run Time	0.0				hrs
Boiler Feed Pump #4 Run Time	0.0				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	23.5	0.0	0.0	0.3	hrs
Steam Flow	0.00	0.00	243.47	0.00	klbs
Gas Flow	0.00	0.00	271.54	0.00	kscf
Natural Gas Cost	\$0.00	\$0.00	\$1,667.49	\$0.00	\$
Oil Flow	0.0	0.0	0.0	0.0	gals
Oil Cost	\$0.00	\$0.00	\$0.00	\$0.00	\$
Total Fuel Cost	\$0.00	\$0.00	\$1,667.49	\$0.00	\$
Average Steam Cost	---	---	\$6.85	---	\$/klbs
Efficiency By Losses	0.0	0.0	0.0	0.0	%
Efficiency By I/O			87.8		%



**Central State Hospital**  
Heating Plant Day Operations Report

5/25/2019  
7:00 AM  
Daily Report

**Description**

	Plant	Units			
Heating Degree Days	56.73	hdd			
Total Plant Steam Flow	202.61	klbs			
Steam Flow Per Heating Degree Day	3.6	klbs/hdd			
Total Condensate Return Water Flow	9.1	klbs			
Total Plant Gas Flow	233.40	kscf			
Total Plant Gas Cost	\$1,433.25	\$			
Total Plant Oil Flow	0.0	gals			
Total Plant Oil Cost	\$0.00	\$			
Total Plant Fuel Cost	\$1,433.25	\$			
Fuel Cost Per Heating Degree Day	\$25.26	\$/hdd			
Plant Average Steam Cost Per Degree Day	\$0.12	\$/klbs			
Total Plant Efficiency By I/O	85.0	%			
Condensate Transfer Pump #1 Run Time	3.2	hrs			
Condensate Transfer Pump #2 Run Time	3.2	hrs			
Condensate Transfer Pump #3 Run Time	3.2	hrs			
Boiler Feed Pump #1 Run Time	3.2	hrs			
Boiler Feed Pump #2 Run Time	3.2	hrs			
Boiler Feed Pump #3 Run Time	3.2	hrs			
Boiler Feed Pump #4 Run Time	3.2	hrs			
Fuel Oil Pump #1 Run Time	3.2	hrs			
Fuel Oil Pump #2 Run Time	0.0	hrs			
	Boiler 1	Boiler 2	Boiler 3	Boiler 4	Units
Run Time	23.5	0.0	0.0	0.3	hrs
Steam Flow	50.56	0.00	152.05	0.00	klbs
Gas Flow	63.23	0.00	169.52	0.65	kscf
Natural Gas Cost	\$388.30	\$0.00	\$1,040.97	\$3.98	\$
Oil Flow	0.0	0.0	0.0	0.0	gals
Oil Cost	\$0.00	\$0.00	\$0.00	\$0.00	\$
Total Fuel Cost	\$388.30	\$0.00	\$1,040.97	\$3.98	\$
Average Steam Cost	\$7.68	---	\$6.85	---	\$/klbs
Efficiency By Losses	81.8	0.0	0.0	0.0	%
Efficiency By I/O	78.3		87.8		%

**Central State Hospital**  
Heating Plant Day Operations Report

5/26/2019  
7:00 AM  
Daily Report

**Description**

	Plant				Units
Heating Degree Days	0.00				hdd
Total Plant Steam Flow	134.82				klbs
Steam Flow Per Heating Degree Day	---				klbs/hdd
Total Condensate Return Water Flow	9.4				klbs
Total Plant Gas Flow	169.93				kscf
Total Plant Gas Cost	\$1,043.47				\$
Total Plant Oil Flow	0.0				gals
Total Plant Oil Cost	\$0.00				\$
Total Plant Fuel Cost	\$1,043.47				\$
Fuel Cost Per Heating Degree Day	---				\$/hdd
Plant Average Steam Cost Per Degree Day	---				\$/klbs
Total Plant Efficiency By I/O	77.7				%
Condensate Transfer Pump #1 Run Time	0.0				hrs
Condensate Transfer Pump #2 Run Time	0.0				hrs
Condensate Transfer Pump #3 Run Time	0.0				hrs
Boiler Feed Pump #1 Run Time	0.0				hrs
Boiler Feed Pump #2 Run Time	0.0				hrs
Boiler Feed Pump #3 Run Time	0.0				hrs
Boiler Feed Pump #4 Run Time	0.0				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	23.5	0.0	0.0	0.3	hrs
Steam Flow	134.82	0.00	0.00	0.00	klbs
Gas Flow	169.93	0.00	0.00	0.00	kscf
Natural Gas Cost	\$1,043.47	\$0.00	\$0.00	\$0.00	\$
Oil Flow	0.0	0.0	0.0	0.0	gals
Oil Cost	\$0.00	\$0.00	\$0.00	\$0.00	\$
Total Fuel Cost	\$1,043.47	\$0.00	\$0.00	\$0.00	\$
Average Steam Cost	\$7.74	---	---	---	\$/klbs
Efficiency By Losses	0.0	0.0	0.0	0.0	%
Efficiency By I/O	77.7				%

**Central State Hospital**  
Heating Plant Day Operations Report

5/27/2019  
7:00 AM  
Daily Report

**Description**

	Plant				Units
Heating Degree Days	0.00				hdd
Total Plant Steam Flow	134.84				klbs
Steam Flow Per Heating Degree Day	---				klbs/hdd
Total Condensate Return Water Flow	9.4				klbs
Total Plant Gas Flow	169.92				kscf
Total Plant Gas Cost	\$1,043.46				\$
Total Plant Oil Flow	0.0				gals
Total Plant Oil Cost	\$0.00				\$
Total Plant Fuel Cost	\$1,043.46				\$
Fuel Cost Per Heating Degree Day	---				\$/hdd
Plant Average Steam Cost Per Degree Day	---				\$/klbs
Total Plant Efficiency By I/O	77.7				%
Condensate Transfer Pump #1 Run Time	0.0				hrs
Condensate Transfer Pump #2 Run Time	0.0				hrs
Condensate Transfer Pump #3 Run Time	0.0				hrs
Boiler Feed Pump #1 Run Time	0.0				hrs
Boiler Feed Pump #2 Run Time	0.0				hrs
Boiler Feed Pump #3 Run Time	0.0				hrs
Boiler Feed Pump #4 Run Time	0.0				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	23.5	0.0	0.0	0.3	hrs
Steam Flow	134.84	0.00	0.00	0.00	klbs
Gas Flow	169.92	0.00	0.00	0.00	kscf
Natural Gas Cost	\$1,043.46	\$0.00	\$0.00	\$0.00	\$
Oil Flow	0.0	0.0	0.0	0.0	gals
Oil Cost	\$0.00	\$0.00	\$0.00	\$0.00	\$
Total Fuel Cost	\$1,043.46	\$0.00	\$0.00	\$0.00	\$
Average Steam Cost	\$7.74	---	---	---	\$/klbs
Efficiency By Losses	0.0	0.0	0.0	0.0	%
Efficiency By I/O	77.7				%

**Central State Hospital**  
Heating Plant Day Operations Report

5/28/2019  
7:00 AM  
Daily Report

**Description**

	Plant				Units
Heating Degree Days	0.00				hdd
Total Plant Steam Flow	134.83				klbs
Steam Flow Per Heating Degree Day	---				klbs/hdd
Total Condensate Return Water Flow	9.4				klbs
Total Plant Gas Flow	169.93				kscf
Total Plant Gas Cost	\$1,043.53				\$
Total Plant Oil Flow	0.0				gals
Total Plant Oil Cost	\$0.00				\$
Total Plant Fuel Cost	\$1,043.53				\$
Fuel Cost Per Heating Degree Day	---				\$/hdd
Plant Average Steam Cost Per Degree Day	---				\$/klbs
Total Plant Efficiency By I/O	77.7				%
Condensate Transfer Pump #1 Run Time	0.0				hrs
Condensate Transfer Pump #2 Run Time	0.0				hrs
Condensate Transfer Pump #3 Run Time	0.0				hrs
Boiler Feed Pump #1 Run Time	0.0				hrs
Boiler Feed Pump #2 Run Time	0.0				hrs
Boiler Feed Pump #3 Run Time	0.0				hrs
Boiler Feed Pump #4 Run Time	0.0				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	23.5	0.0	0.0	0.4	hrs
Steam Flow	134.83	0.00	0.00	0.00	klbs
Gas Flow	169.93	0.00	0.00	0.00	kscf
Natural Gas Cost	\$1,043.53	\$0.00	\$0.00	\$0.00	\$
Oil Flow	0.0	0.0	0.0	0.0	gals
Oil Cost	\$0.00	\$0.00	\$0.00	\$0.00	\$
Total Fuel Cost	\$1,043.53	\$0.00	\$0.00	\$0.00	\$
Average Steam Cost	\$7.74	---	---	---	\$/klbs
Efficiency By Losses	0.0	0.0	0.0	0.0	%
Efficiency By I/O	77.7				%

**Central State Hospital**  
Heating Plant Day Operations Report

5/29/2019  
7:00 AM  
Daily Report

**Description**

	Plant			Units	
Heating Degree Days	0.00			hdd	
Total Plant Steam Flow	134.83			klbs	
Steam Flow Per Heating Degree Day	---			klbs/hdd	
Total Condensate Return Water Flow	9.4			klbs	
Total Plant Gas Flow	169.92			kscf	
Total Plant Gas Cost	\$1,043.43			\$	
Total Plant Oil Flow	0.0			gals	
Total Plant Oil Cost	\$0.00			\$	
Total Plant Fuel Cost	\$1,043.43			\$	
Fuel Cost Per Heating Degree Day	---			\$/hdd	
Plant Average Steam Cost Per Degree Day	---			\$/klbs	
Total Plant Efficiency By I/O	77.7			%	
Condensate Transfer Pump #1 Run Time	0.0			hrs	
Condensate Transfer Pump #2 Run Time	0.0			hrs	
Condensate Transfer Pump #3 Run Time	0.0			hrs	
Boiler Feed Pump #1 Run Time	0.0			hrs	
Boiler Feed Pump #2 Run Time	0.0			hrs	
Boiler Feed Pump #3 Run Time	0.0			hrs	
Boiler Feed Pump #4 Run Time	0.0			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	23.5	0.0	0.0	0.1	hrs
Steam Flow	134.83	0.00	0.00	0.00	klbs
Gas Flow	169.92	0.00	0.00	0.00	kscf
Natural Gas Cost	\$1,043.43	\$0.00	\$0.00	\$0.00	\$
Oil Flow	0.0	0.0	0.0	0.0	gals
Oil Cost	\$0.00	\$0.00	\$0.00	\$0.00	\$
Total Fuel Cost	\$1,043.43	\$0.00	\$0.00	\$0.00	\$
Average Steam Cost	\$7.74	---	---	---	\$/klbs
Efficiency By Losses	0.0	0.0	0.0	0.0	%
Efficiency By I/O	77.7				%

**Central State Hospital**  
Heating Plant Day Operations Report

5/30/2019  
7:00 AM  
Daily Report

**Description**

	Plant				Units
Heating Degree Days	0.00				hdd
Total Plant Steam Flow	134.82				klbs
Steam Flow Per Heating Degree Day	---				klbs/hdd
Total Condensate Return Water Flow	9.4				klbs
Total Plant Gas Flow	169.92				kscf
Total Plant Gas Cost	\$1,043.44				\$
Total Plant Oil Flow	0.0				gals
Total Plant Oil Cost	\$0.00				\$
Total Plant Fuel Cost	\$1,043.44				\$
Fuel Cost Per Heating Degree Day	---				\$/hdd
Plant Average Steam Cost Per Degree Day	---				\$/klbs
Total Plant Efficiency By I/O	77.7				%
Condensate Transfer Pump #1 Run Time	0.0				hrs
Condensate Transfer Pump #2 Run Time	0.0				hrs
Condensate Transfer Pump #3 Run Time	0.0				hrs
Boiler Feed Pump #1 Run Time	0.0				hrs
Boiler Feed Pump #2 Run Time	0.0				hrs
Boiler Feed Pump #3 Run Time	0.0				hrs
Boiler Feed Pump #4 Run Time	0.0				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	23.5	0.0	0.6	0.3	hrs
Steam Flow	134.82	0.00	0.00	0.00	klbs
Gas Flow	169.92	0.00	0.00	0.00	kscf
Natural Gas Cost	\$1,043.44	\$0.00	\$0.00	\$0.00	\$
Oil Flow	0.0	0.0	0.0	0.0	gals
Oil Cost	\$0.00	\$0.00	\$0.00	\$0.00	\$
Total Fuel Cost	\$1,043.44	\$0.00	\$0.00	\$0.00	\$
Average Steam Cost	\$7.74	---	---	---	\$/klbs
Efficiency By Losses	0.0	0.0	0.0	0.0	%
Efficiency By I/O	77.7				%

**Central State Hospital**  
Heating Plant Day Operations Report

5/31/2019  
7:00 AM  
Daily Report

**Description**

	Plant				Units
Heating Degree Days	0.00				hdd
Total Plant Steam Flow	134.83				klbs
Steam Flow Per Heating Degree Day	---				klbs/hdd
Total Condensate Return Water Flow	9.4				klbs
Total Plant Gas Flow	169.93				kscf
Total Plant Gas Cost	\$1,043.51				\$
Total Plant Oil Flow	0.0				gals
Total Plant Oil Cost	\$0.00				\$
Total Plant Fuel Cost	\$1,043.51				\$
Fuel Cost Per Heating Degree Day	---				\$/hdd
Plant Average Steam Cost Per Degree Day	---				\$/klbs
Total Plant Efficiency By I/O	77.7				%
Condensate Transfer Pump #1 Run Time	0.0				hrs
Condensate Transfer Pump #2 Run Time	0.0				hrs
Condensate Transfer Pump #3 Run Time	0.0				hrs
Boiler Feed Pump #1 Run Time	0.0				hrs
Boiler Feed Pump #2 Run Time	0.0				hrs
Boiler Feed Pump #3 Run Time	0.0				hrs
Boiler Feed Pump #4 Run Time	0.0				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	23.5	0.0	0.6	0.4	hrs
Steam Flow	134.83	0.00	0.00	0.00	klbs
Gas Flow	169.93	0.00	0.00	0.00	kscf
Natural Gas Cost	\$1,043.51	\$0.00	\$0.00	\$0.00	\$
Oil Flow	0.0	0.0	0.0	0.0	gals
Oil Cost	\$0.00	\$0.00	\$0.00	\$0.00	\$
Total Fuel Cost	\$1,043.51	\$0.00	\$0.00	\$0.00	\$
Average Steam Cost	\$7.74	---	---	---	\$/klbs
Efficiency By Losses	0.0	0.0	0.0	0.0	%
Efficiency By I/O	77.7				%