Central State Hospital

Heating Plant Day Operations Report

12/1/2020
7:00 AM
Daily Report

Description

	Plant	Units
Heating Degree Days	0.00	hdd
Total Plant Steam Flow	263.40	klbs
Steam Flow Per Heating Degree Day	---	klbs/hdd
Total Condensate Return Water Flow	0.0	klbs
Total Plant Gas Flow	331.76	kscf
Total Plant Gas Cost	$2,037.25	$
Total Plant Oil Flow	0.0	gals
Total Plant Oil Cost	$0.00	$
Total Plant Fuel Cost	$2,037.25	$
Fuel Cost Per Heating Degree Day	---	$/hdd
Plant Average Steam Cost Per Degree Day	---	$/klbs
Total Plant Efficiency By I/O	77.8	%

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	0.9	0.0	23.5	0.8	hrs
Steam Flow	0.00	263.40	0.00	0.00	klbs
Gas Flow	0.00	331.76	0.00	0.00	kscf
Natural Gas Cost	$0.00	$2,037.25	$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	$0.00	$2,037.25	$0.00	$0.00	$
Average Steam Cost	---	$7.73	---	---	$/klbs
Efficiency By Losses	0.0	0.0	0.0	0.0	%
Efficiency By I/O		77.8			%

Central State Hospital

Heating Plant Day Operations Report

12/2/2020
7:00 AM
Daily Report

Description

	Plant	Units
Heating Degree Days	0.00	hdd
Total Plant Steam Flow	263.40	klbs
Steam Flow Per Heating Degree Day	---	klbs/hdd
Total Condensate Return Water Flow	0.0	klbs
Total Plant Gas Flow	331.76	kscf
Total Plant Gas Cost	$2,037.26	$
Total Plant Oil Flow	0.0	gals
Total Plant Oil Cost	$0.00	$
Total Plant Fuel Cost	$2,037.26	$
Fuel Cost Per Heating Degree Day	---	$/hdd
Plant Average Steam Cost Per Degree Day	---	$/klbs
Total Plant Efficiency By I/O	77.8	%

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	0.9	0.0	23.5	0.6	hrs
Steam Flow	0.00	263.40	0.00	0.00	klbs
Gas Flow	0.00	331.76	0.00	0.00	kscf
Natural Gas Cost	$0.00	$2,037.26	$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	$0.00	$2,037.26	$0.00	$0.00	$
Average Steam Cost	---	$7.73	---	---	$/klbs
Efficiency By Losses	0.0	0.0	0.0	0.0	%
Efficiency By I/O		77.8			%

Central State Hospital

Heating Plant Day Operations Report

12/3/2020
7:00 AM
Daily Report

Description

	Plant	Units
Heating Degree Days	0.00	hdd
Total Plant Steam Flow	263.21	klbs
Steam Flow Per Heating Degree Day	—	klbs/hdd
Total Condensate Return Water Flow	0.0	klbs
Total Plant Gas Flow	331.57	kscf
Total Plant Gas Cost	$2,036.07	$
Total Plant Oil Flow	0.0	gals
Total Plant Oil Cost	$0.00	$
Total Plant Fuel Cost	$2,036.07	$
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	0.9	0.0	23.5	0.5	hrs
Steam Flow	0.00	263.21	0.00	0.00	klbs
Gas Flow	0.00	331.57	0.00	0.00	kscf
Natural Gas Cost	$0.00	$2 036.07	$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	$0.00	$2,036.07	$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

12/4/2020
7:00 AM
Daily Report

Description

	Plant	Units
Heating Degree Days	0.00	hdd
Total Plant Steam Flow	263.45	klbs
Steam Flow Per Heating Degree Day	---	klbs/hdd
Total Condensate Return Water Flow	0.0	klbs
Total Plant Gas Flow	331.83	kscf
Total Plant Gas Cost	$2,037.67	$
Total Plant Oil Flow	0.0	gals
Total Plant Oil Cost	$0.00	$
Total Plant Fuel Cost	$2,037.67	$
Fuel Cost Per Heating Degree Day	---	$/hdd
Plant Average Steam Cost Per Degree Day	---	$/klbs
Total Plant Efficiency By I/O	77.8	%

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	0.8	0.0	23.5	0.4	hrs
Steam Flow	0.00	263.45	0.00	0.00	klbs
Gas Flow	0.00	331.83	0.00	0.00	kscf
Natural Gas Cost	$0.00	$2,037.67	$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	$0.00	$2,037.67	$0.00	$0.00	$
Average Steam Cost	---	$7.73	---	---	$/klbs
Efficiency By Losses	0.0	0.0	0.0	0.0	%
Efficiency By I/O		77.8			%

Central State Hospital

Heating Plant Day Operations Report

12/5/2020
7:00 AM
Daily Report

Description

	Plant	Units
Heating Degree Days	0.00	hdd
Total Plant Steam Flow	263.33	klbs
Steam Flow Per Heating Degree Day	---	klbs/hdd
Total Condensate Return Water Flow	0.0	klbs
Total Plant Gas Flow	331.63	kscf
Total Plant Gas Cost	$2,036.46	$
Total Plant Oil Flow	0.0	gals
Total Plant Oil Cost	$0.00	$
Total Plant Fuel Cost	$2,036.46	$
Fuel Cost Per Heating Degree Day	---	$/hdd
Plant Average Steam Cost Per Degree Day	---	$/klbs
Total Plant Efficiency By I/O	77.8	%

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	0.8	0.0	23.5	0.4	hrs
Steam Flow	0.00	263.33	0.00	0.00	klbs
Gas Flow	0.00	331.63	0.00	0.00	kscf
Natural Gas Cost	$0.00	$2,036.46	$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	$0.00	$2,036.46	$0.00	$0.00	$
Average Steam Cost	---	$7.73	---	---	$/klbs
Efficiency By Losses	0.0	0.0	0.0	0.0	%
Efficiency By I/O		77.8			%

Central State Hospital

Heating Plant Day Operations Report

12/6/2020
7:00 AM
Daily Report

Description

	Plant	Units
Heating Degree Days	0.00	hdd
Total Plant Steam Flow	263.31	klbs
Steam Flow Per Heating Degree Day	---	klbs/hdd
Total Condensate Return Water Flow	0.0	klbs
Total Plant Gas Flow	331.65	kscf
Total Plant Gas Cost	$2,036.57	$
Total Plant Oil Flow	0.0	gals
Total Plant Oil Cost	$0.00	$
Total Plant Fuel Cost	$2,036.57	$
Fuel Cost Per Heating Degree Day	---	$/hdd
Plant Average Steam Cost Per Degree Day	---	$/klbs
Total Plant Efficiency By I/O	77.8	%

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	0.8	0.0	23.5	0.6	hrs
Steam Flow	0.00	263.31	0.00	0.00	klbs
Gas Flow	0.00	331.65	0.00	0.00	kscf
Natural Gas Cost	$0.00	$2,036.57	$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	$0.00	$2,036.57	$0.00	$0.00	$
Average Steam Cost	---	$7.73	---	---	$/klbs
Efficiency By Losses	0.0	0.0	0.0	0.0	%
Efficiency By I/O		77.8			%

Central State Hospital

Heating Plant Day Operations Report

12/7/2020
7:00 AM
Daily Report

Description

	Plant	Units
Heating Degree Days	0.00	hdd
Total Plant Steam Flow	263.32	klbs
Steam Flow Per Heating Degree Day	---	klbs/hdd
Total Condensate Return Water Flow	0.0	klbs
Total Plant Gas Flow	331.62	kscf
Total Plant Gas Cost	$2,036.39	$
Total Plant Oil Flow	0.0	gals
Total Plant Oil Cost	$0.00	$
Total Plant Fuel Cost	$2,036.39	$
Fuel Cost Per Heating Degree Day	---	$/hdd
Plant Average Steam Cost Per Degree Day	---	$/klbs
Total Plant Efficiency By I/O	77.8	%

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	1.0	0.0	23.5	0.6	hrs
Steam Flow	0.00	263.32	0.00	0.00	klbs
Gas Flow	0.00	331.62	0.00	0.00	kscf
Natural Gas Cost	$0.00	$2,036.39	$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	$0.00	$2,036.39	$0.00	$0.00	$
Average Steam Cost	---	$7.73	---	---	$/klbs
Efficiency By Losses	0.0	0.0	0.0	0.0	%
Efficiency By I/O		77.8			%

Central State Hospital

Heating Plant Day Operations Report

12/8/2020
7:00 AM
Daily Report

Description

	Plant	Units
Heating Degree Days	0.00	hdd
Total Plant Steam Flow	263.32	klbs
Steam Flow Per Heating Degree Day	---	klbs/hdd
Total Condensate Return Water Flow	0.0	klbs
Total Plant Gas Flow	331.66	kscf
Total Plant Gas Cost	$2,036.67	$
Total Plant Oil Flow	0.0	gals
Total Plant Oil Cost	$0.00	$
Total Plant Fuel Cost	$2,036.67	$
Fuel Cost Per Heating Degree Day	---	$/hdd
Plant Average Steam Cost Per Degree Day	---	$/klbs
Total Plant Efficiency By I/O	77.8	%

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	1.0	0.0	23.5	0.6	hrs
Steam Flow	0.00	263.32	0.00	0.00	klbs
Gas Flow	0.00	331.66	0.00	0.00	kscf
Natural Gas Cost	$0.00	$2,036.67	$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	$0.00	$2,036.67	$0.00	$0.00	$
Average Steam Cost	---	$7.73	---	---	$/klbs
Efficiency By Losses	0.0	0.0	0.0	0.0	%
Efficiency By I/O		77.8			%

Central State Hospital

Heating Plant Day Operations Report

12/9/2020
7:00 AM
Daily Report

Description

	Plant	Units
Heating Degree Days	0.00	hdd
Total Plant Steam Flow	263.31	klbs
Steam Flow Per Heating Degree Day	---	klbs/hdd
Total Condensate Return Water Flow	0.0	klbs
Total Plant Gas Flow	331.65	kscf
Total Plant Gas Cost	$2,036.58	$
Total Plant Oil Flow	0.0	gals
Total Plant Oil Cost	$0.00	$
Total Plant Fuel Cost	$2,036.58	$
Fuel Cost Per Heating Degree Day	---	$/hdd
Plant Average Steam Cost Per Degree Day	---	$/klbs
Total Plant Efficiency By I/O	77.8	%

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	0.9	0.0	23.5	0.7	hrs
Steam Flow	0.00	263.31	0.00	0.00	klbs
Gas Flow	0.00	331.65	0.00	0.00	kscf
Natural Gas Cost	$0.00	$2,036.58	$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	$0.00	$2,036.58	$0.00	$0.00	$
Average Steam Cost	---	$7.73	---	---	$/klbs
Efficiency By Losses	0.0	0.0	0.0	0.0	%
Efficiency By I/O		77.8			%

Central State Hospital

Heating Plant Day Operations Report

12/10/2020
7:00 AM
Daily Report

Description

	Plant	Units
Heating Degree Days	0.00	hdd
Total Plant Steam Flow	263.50	klbs
Steam Flow Per Heating Degree Day	---	klbs/hdd
Total Condensate Return Water Flow	0.0	klbs
Total Plant Gas Flow	331.89	kscf
Total Plant Gas Cost	$2,038.04	$
Total Plant Oil Flow	0.0	gals
Total Plant Oil Cost	$0.00	$
Total Plant Fuel Cost	$2,038.04	$
Fuel Cost Per Heating Degree Day	---	$/hdd
Plant Average Steam Cost Per Degree Day	---	$/klbs
Total Plant Efficiency By I/O	77.8	%

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	1.0	0.0	23.5	0.5	hrs
Steam Flow	0.00	263.50	0.00	0.00	klbs
Gas Flow	0.00	331.89	0.00	0.00	kscf
Natural Gas Cost	$0.00	$2,038.04	$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	$0.00	$2,038.04	$0.00	$0.00	$
Average Steam Cost	---	$7.73	---	---	$/klbs
Efficiency By Losses	0.0	0.0	0.0	0.0	%
Efficiency By I/O		77.8			%

Central State Hospital

Heating Plant Day Operations Report

12/11/2020
7:00 AM
Daily Report

Description

	Plant	Units
Heating Degree Days	0.00	hdd
Total Plant Steam Flow	263.51	klbs
Steam Flow Per Heating Degree Day	---	klbs/hdd
Total Condensate Return Water Flow	0.0	klbs
Total Plant Gas Flow	331.90	kscf
Total Plant Gas Cost	$2,038.10	$
Total Plant Oil Flow	0.0	gals
Total Plant Oil Cost	$0.00	$
Total Plant Fuel Cost	$2,038.10	$
Fuel Cost Per Heating Degree Day	---	$/hdd
Plant Average Steam Cost Per Degree Day	---	$/klbs
Total Plant Efficiency By I/O	77.8	%

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	0.9	0.0	23.5	0.4	hrs
Steam Flow	0.00	263.51	0.00	0.00	klbs
Gas Flow	0.00	331.90	0.00	0.00	kscf
Natural Gas Cost	$0.00	$2,038.10	$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	$0.00	$2,038.10	$0.00	$0.00	$
Average Steam Cost	---	$7.73	---	---	$/klbs
Efficiency By Losses	0.0	0.0	0.0	0.0	%
Efficiency By I/O		77.8			%

Central State Hospital

Heating Plant Day Operations Report

12/12/2020
7:00 AM
Daily Report

Description

	Plant	Units
Heating Degree Days	0.00	hdd
Total Plant Steam Flow	263.49	klbs
Steam Flow Per Heating Degree Day	---	klbs/hdd
Total Condensate Return Water Flow	0.0	klbs
Total Plant Gas Flow	331.88	kscf
Total Plant Gas Cost	$2,037.97	$
Total Plant Oil Flow	0.0	gals
Total Plant Oil Cost	$0.00	$
Total Plant Fuel Cost	$2,037.97	$
Fuel Cost Per Heating Degree Day	---	$/hdd
Plant Average Steam Cost Per Degree Day	---	$/klbs
Total Plant Efficiency By I/O	77.8	%

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	0.8	0.0	23.5	0.4	hrs
Steam Flow	0.00	263.49	0.00	0.00	klbs
Gas Flow	0.00	331.88	0.00	0.00	kscf
Natural Gas Cost	$0.00	$2,037.97	$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	$0.00	$2,037.97	$0.00	$0.00	$
Average Steam Cost	---	$7.73	---	---	$/klbs
Efficiency By Losses	0.0	0.0	0.0	0.0	%
Efficiency By I/O		77.8			%

Central State Hospital

Heating Plant Day Operations Report

12/13/2020
7:00 AM
Daily Report

Description

	Plant	Units
Heating Degree Days	0.00	hdd
Total Plant Steam Flow	263.48	klbs
Steam Flow Per Heating Degree Day	---	klbs/hdd
Total Condensate Return Water Flow	0.0	klbs
Total Plant Gas Flow	331.87	kscf
Total Plant Gas Cost	$2,037.91	$
Total Plant Oil Flow	0.0	gals
Total Plant Oil Cost	$0.00	$
Total Plant Fuel Cost	$2,037.91	$
Fuel Cost Per Heating Degree Day	---	$/hdd
Plant Average Steam Cost Per Degree Day	---	$/klbs
Total Plant Efficiency By I/O	77.8	%

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	0.8	0.0	23.5	0.4	hrs
Steam Flow	0.00	263.48	0.00	0.00	klbs
Gas Flow	0.00	331.87	0.00	0.00	kscf
Natural Gas Cost	$0.00	$2,037.91	$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	$0.00	$2,037.91	$0.00	$0.00	$
Average Steam Cost	---	$7.73	---	---	$/klbs
Efficiency By Losses	0.0	0.0	0.0	0.0	%
Efficiency By I/O		77.8			%

Central State Hospital

Heating Plant Day Operations Report

12/14/2020
7:00 AM
Daily Report

Description

	Plant	Units
Heating Degree Days	0.00	hdd
Total Plant Steam Flow	263.50	klbs
Steam Flow Per Heating Degree Day	---	klbs/hdd
Total Condensate Return Water Flow	0.0	klbs
Total Plant Gas Flow	331.88	kscf
Total Plant Gas Cost	$2,038.02	$
Total Plant Oil Flow	0.0	gals
Total Plant Oil Cost	$0.00	$
Total Plant Fuel Cost	$2,038.02	$
Fuel Cost Per Heating Degree Day	---	$/hdd
Plant Average Steam Cost Per Degree Day	---	$/klbs
Total Plant Efficiency By I/O	77.8	%

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	0.8	0.0	23.5	0.5	hrs
Steam Flow	0.00	263.50	0.00	0.00	klbs
Gas Flow	0.00	331.88	0.00	0.00	kscf
Natural Gas Cost	$0.00	$2,038.02	$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	$0.00	$2,038.02	$0.00	$0.00	$
Average Steam Cost	---	$7.73	---	---	$/klbs
Efficiency By Losses	0.0	0.0	0.0	0.0	%
Efficiency By I/O		77.8			%

Central State Hospital

Heating Plant Day Operations Report

12/15/2020
7:00 AM
Daily Report

Description

	Plant	Units
Heating Degree Days	0.00	hdd
Total Plant Steam Flow	263.48	klbs
Steam Flow Per Heating Degree Day	---	klbs/hdd
Total Condensate Return Water Flow	0.0	klbs
Total Plant Gas Flow	331.86	kscf
Total Plant Gas Cost	$2,037.89	$
Total Plant Oil Flow	0.0	gals
Total Plant Oil Cost	$0.00	$
Total Plant Fuel Cost	$2,037.89	$
Fuel Cost Per Heating Degree Day	---	$/hdd
Plant Average Steam Cost Per Degree Day	---	$/klbs
Total Plant Efficiency By I/O	77.8	%

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	1.0	0.0	23.5	0.6	hrs
Steam Flow	0.00	263.48	0.00	0.00	klbs
Gas Flow	0.00	331.86	0.00	0.00	kscf
Natural Gas Cost	$0.00	$2,037.89	$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	$0.00	$2,037.89	$0.00	$0.00	$
Average Steam Cost	---	$7.73	---	---	$/klbs
Efficiency By Losses	0.0	0.0	0.0	0.0	%
Efficiency By I/O		77.8			%

Central State Hospital

Heating Plant Day Operations Report

12/16/2020
7:00 AM
Daily Report

Description

	Plant	Units
Heating Degree Days	0.00	hdd
Total Plant Steam Flow	263.51	klbs
Steam Flow Per Heating Degree Day	---	klbs/hdd
Total Condensate Return Water Flow	0.0	klbs
Total Plant Gas Flow	331.90	kscf
Total Plant Gas Cost	$2,038.13	$
Total Plant Oil Flow	0.0	gals
Total Plant Oil Cost	$0.00	$
Total Plant Fuel Cost	$2,038.13	$
Fuel Cost Per Heating Degree Day	---	$/hdd
Plant Average Steam Cost Per Degree Day	---	$/klbs
Total Plant Efficiency By I/O	77.8	%

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	0.9	0.0	23.5	0.6	hrs
Steam Flow	0.00	263.51	0.00	0.00	klbs
Gas Flow	0.00	331.90	0.00	0.00	kscf
Natural Gas Cost	$0.00	$2,038.13	$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	$0.00	$2,038.13	$0.00	$0.00	$
Average Steam Cost	---	$7.73	---	---	$/klbs
Efficiency By Losses	0.0	0.0	0.0	0.0	%
Efficiency By I/O		77.8			%

Central State Hospital

Heating Plant Day Operations Report

12/17/2020
7:00 AM
Daily Report

Description

	Plant	Units
Heating Degree Days	0.00	hdd
Total Plant Steam Flow	263.53	klbs
Steam Flow Per Heating Degree Day	---	klbs/hdd
Total Condensate Return Water Flow	0.0	klbs
Total Plant Gas Flow	331.92	kscf
Total Plant Gas Cost	$2,038.26	$
Total Plant Oil Flow	0.0	gals
Total Plant Oil Cost	$0.00	$
Total Plant Fuel Cost	$2,038.26	$
Fuel Cost Per Heating Degree Day	---	$/hdd
Plant Average Steam Cost Per Degree Day	---	$/klbs
Total Plant Efficiency By I/O	77.8	%

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	1.0	0.0	23.5	0.6	hrs
Steam Flow	0.00	263.53	0.00	0.00	klbs
Gas Flow	0.00	331.92	0.00	0.00	kscf
Natural Gas Cost	$0.00	$2,038.26	$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	$0.00	$2,038.26	$0.00	$0.00	$
Average Steam Cost	---	$7.73	---	---	$/klbs
Efficiency By Losses	0.0	0.0	0.0	0.0	%
Efficiency By I/O		77.8			%

Central State Hospital

Heating Plant Day Operations Report

12/18/2020
7:00 AM
Daily Report

Description

	Plant	Units
Heating Degree Days	0.00	hdd
Total Plant Steam Flow	263.48	klbs
Steam Flow Per Heating Degree Day	---	klbs/hdd
Total Condensate Return Water Flow	0.0	klbs
Total Plant Gas Flow	331.87	kscf
Total Plant Gas Cost	$2,037.90	$
Total Plant Oil Flow	0.0	gals
Total Plant Oil Cost	$0.00	$
Total Plant Fuel Cost	$2,037.90	$
Fuel Cost Per Heating Degree Day	---	$/hdd
Plant Average Steam Cost Per Degree Day	---	$/klbs
Total Plant Efficiency By I/O	77.8	%

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	0.9	0.0	23.5	0.5	hrs
Steam Flow	0.00	263.48	0.00	0.00	klbs
Gas Flow	0.00	331.87	0.00	0.00	kscf
Natural Gas Cost	$0.00	$2,037.90	$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	$0.00	$2,037.90	$0.00	$0.00	$
Average Steam Cost	---	$7.73	---	---	$/klbs
Efficiency By Losses	0.0	0.0	0.0	0.0	%
Efficiency By I/O		77.8			%

Central State Hospital

Heating Plant Day Operations Report

12/19/2020
7:00 AM
Daily Report

Description

	Plant	Units
Heating Degree Days	0.00	hdd
Total Plant Steam Flow	263.49	klbs
Steam Flow Per Heating Degree Day	---	klbs/hdd
Total Condensate Return Water Flow	0.0	klbs
Total Plant Gas Flow	331.88	kscf
Total Plant Gas Cost	$2,037.97	$
Total Plant Oil Flow	0.0	gals
Total Plant Oil Cost	$0.00	$
Total Plant Fuel Cost	$2,037.97	$
Fuel Cost Per Heating Degree Day	---	$/hdd
Plant Average Steam Cost Per Degree Day	---	$/klbs
Total Plant Efficiency By I/O	77.8	%

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	1.0	0.0	23.5	0.6	hrs
Steam Flow	0.00	263.49	0.00	0.00	klbs
Gas Flow	0.00	331.88	0.00	0.00	kscf
Natural Gas Cost	$0.00	$2,037.97	$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	$0.00	$2,037.97	$0.00	$0.00	$
Average Steam Cost	---	$7.73	---	---	$/klbs
Efficiency By Losses	0.0	0.0	0.0	0.0	%
Efficiency By I/O		77.8			%

Central State Hospital

Heating Plant Day Operations Report

12/20/2020
7:00 AM
Daily Report

Description

	Plant	Units
Heating Degree Days	0.00	hdd
Total Plant Steam Flow	263.31	klbs
Steam Flow Per Heating Degree Day	---	klbs/hdd
Total Condensate Return Water Flow	0.0	klbs
Total Plant Gas Flow	331.69	kscf
Total Plant Gas Cost	$2,036.86	$
Total Plant Oil Flow	0.0	gals
Total Plant Oil Cost	$0.00	$
Total Plant Fuel Cost	$2,036.86	$
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	0.9	0.0	23.5	0.6	hrs
Steam Flow	0.00	263.31	0.00	0.00	klbs
Gas Flow	0.00	331.69	0.00	0.00	kscf
Natural Gas Cost	$0.00	$2,036.86	$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	$0.00	$2,036.86	$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

12/21/2020
7:00 AM
Daily Report

Description

	Plant	Units
Heating Degree Days	0.00	hdd
Total Plant Steam Flow	263.14	klbs
Steam Flow Per Heating Degree Day	---	klbs/hdd
Total Condensate Return Water Flow	0.0	klbs
Total Plant Gas Flow	331.43	kscf
Total Plant Gas Cost	$2,035.24	$
Total Plant Oil Flow	0.0	gals
Total Plant Oil Cost	$0.00	$
Total Plant Fuel Cost	$2,035.24	$
Fuel Cost Per Heating Degree Day	---	$/hdd
Plant Average Steam Cost Per Degree Day	---	$/klbs
Total Plant Efficiency By I/O	77.8	%

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	0.9	0.0	23.5	0.5	hrs
Steam Flow	0.00	263.14	0.00	0.00	klbs
Gas Flow	0.00	331.43	0.00	0.00	kscf
Natural Gas Cost	$0.00	$2,035.24	$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	$0.00	$2,035.24	$0.00	$0.00	$
Average Steam Cost	---	$7.73	---	---	$/klbs
Efficiency By Losses	0.0	0.0	0.0	0.0	%
Efficiency By I/O		77.8			%

Central State Hospital

Heating Plant Day Operations Report

12/22/2020
7:00 AM
Daily Report

Description

	Plant	Units
Heating Degree Days	0.00	hdd
Total Plant Steam Flow	263.38	klbs
Steam Flow Per Heating Degree Day	---	klbs/hdd
Total Condensate Return Water Flow	0.0	klbs
Total Plant Gas Flow	331.74	kscf
Total Plant Gas Cost	$2,037.13	$
Total Plant Oil Flow	0.0	gals
Total Plant Oil Cost	$0.00	$
Total Plant Fuel Cost	$2,037.13	$
Fuel Cost Per Heating Degree Day	---	$/hdd
Plant Average Steam Cost Per Degree Day	---	$/klbs
Total Plant Efficiency By I/O	77.8	%

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	0.9	0.0	23.5	0.6	hrs
Steam Flow	0.00	263.38	0.00	0.00	klbs
Gas Flow	0.00	331.74	0.00	0.00	kscf
Natural Gas Cost	$0.00	$2,037.13	$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	$0.00	$2,037.13	$0.00	$0.00	$
Average Steam Cost	---	$7.73	---	---	$/klbs
Efficiency By Losses	0.0	0.0	0.0	0.0	%
Efficiency By I/O		77.8			%

Central State Hospital

Heating Plant Day Operations Report

12/23/2020
7:00 AM
Daily Report

Description

	Plant	Units
Heating Degree Days	0.00	hdd
Total Plant Steam Flow	263.37	klbs
Steam Flow Per Heating Degree Day	---	klbs/hdd
Total Condensate Return Water Flow	0.0	klbs
Total Plant Gas Flow	331.73	kscf
Total Plant Gas Cost	$2,037.04	$
Total Plant Oil Flow	0.0	gals
Total Plant Oil Cost	$0.00	$
Total Plant Fuel Cost	$2,037.04	$
Fuel Cost Per Heating Degree Day	---	$/hdd
Plant Average Steam Cost Per Degree Day	—	$/klbs
Total Plant Efficiency By I/O	77.8	%

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	1.0	0.0	23.5	0.6	hrs
Steam Flow	0.00	263.37	0.00	0.00	klbs
Gas Flow	0.00	331.73	0.00	0.00	kscf
Natural Gas Cost	$0.00	$2,037.04	$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	$0.00	$2 037.04	$0.00	$0.00	$
Average Steam Cost	—	$7.73	—	---	$/klbs
Efficiency By Losses	0.0	0.0	0.0	0.0	%
Efficiency By I/O		77.8			%

Central State Hospital

Heating Plant Day Operations Report

12/24/2020
7:00 AM
Daily Report

Description

	Plant	Units
Heating Degree Days	0.00	hdd
Total Plant Steam Flow	263.32	klbs
Steam Flow Per Heating Degree Day	---	klbs/hdd
Total Condensate Return Water Flow	0.0	klbs
Total Plant Gas Flow	331.66	kscf
Total Plant Gas Cost	$2,036.66	$
Total Plant Oil Flow	0.0	gals
Total Plant Oil Cost	$0.00	$
Total Plant Fuel Cost	$2,036.66	$
Fuel Cost Per Heating Degree Day	---	$/hdd
Plant Average Steam Cost Per Degree Day	---	$/klbs
Total Plant Efficiency By I/O	77.8	%

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	0.9	0.0	23.5	0.4	hrs
Steam Flow	0.00	263.32	0.00	0.00	klbs
Gas Flow	0.00	331.66	0.00	0.00	kscf
Natural Gas Cost	$0.00	$2,036.66	$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	$0.00	$2,036.66	$0.00	$0.00	$
Average Steam Cost	---	$7.73	---	---	$/klbs
Efficiency By Losses	0.0	0.0	0.0	0.0	%
Efficiency By I/O		77.8			%

Central State Hospital

Heating Plant Day Operations Report

12/25/2020
7:00 AM
Daily Report

Description

	Plant	Units
Heating Degree Days	0.00	hdd
Total Plant Steam Flow	263.49	klbs
Steam Flow Per Heating Degree Day	---	klbs/hdd
Total Condensate Return Water Flow	0.0	klbs
Total Plant Gas Flow	331.92	kscf
Total Plant Gas Cost	$2,038.22	$
Total Plant Oil Flow	0.0	gals
Total Plant Oil Cost	$0.00	$
Total Plant Fuel Cost	$2,038.22	$
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	1.0	0.0	23.5	0.8	hrs
Steam Flow	0.00	263.49	0.00	0.00	klbs
Gas Flow	0.00	331.92	0.00	0.00	kscf
Natural Gas Cost	$0.00	$2,038.22	$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	$0.00	$2,038.22	$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

12/26/2020
7:00 AM
Daily Report

Description

	Plant	Units
Heating Degree Days	0.00	hdd
Total Plant Steam Flow	263.39	klbs
Steam Flow Per Heating Degree Day	---	klbs/hdd
Total Condensate Return Water Flow	0.0	klbs
Total Plant Gas Flow	331.76	kscf
Total Plant Gas Cost	$2,037.23	$
Total Plant Oil Flow	0.0	gals
Total Plant Oil Cost	$0.00	$
Total Plant Fuel Cost	$2,037.23	$
Fuel Cost Per Heating Degree Day	---	$/hdd
Plant Average Steam Cost Per Degree Day	---	$/klbs
Total Plant Efficiency By I/O	77.8	%

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	1.1	0.0	23.5	2.1	hrs
Steam Flow	0.00	263.39	0.00	0.00	klbs
Gas Flow	0.00	331.76	0.00	0.00	kscf
Natural Gas Cost	$0.00	$2,037.23	$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	$0.00	$2,037.23	$0.00	$0.00	$
Average Steam Cost	—	$7.73	—	—	$/klbs
Efficiency By Losses	0.0	0.0	0.0	0.0	%
Efficiency By I/O		77.8			%

Central State Hospital

Heating Plant Day Operations Report

12/27/2020
7:00 AM
Daily Report

Description

	Plant	Units
Heating Degree Days	0.00	hdd
Total Plant Steam Flow	263.36	klbs
Steam Flow Per Heating Degree Day	---	klbs/hdd
Total Condensate Return Water Flow	0.0	klbs
Total Plant Gas Flow	331.75	kscf
Total Plant Gas Cost	$2,037.20	$
Total Plant Oil Flow	0.0	gals
Total Plant Oil Cost	$0.00	$
Total Plant Fuel Cost	$2,037.20	$
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	0.9	0.0	23.5	0.9	hrs
Steam Flow	0.00	263.36	0.00	0.00	klbs
Gas Flow	0.00	331.75	0.00	0.00	kscf
Natural Gas Cost	$0.00	$2,037.20	$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	$0.00	$2,037.20	$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

12/28/2020
7:00 AM
Daily Report

Description

	Plant	Units
Heating Degree Days	0.00	hdd
Total Plant Steam Flow	263.37	klbs
Steam Flow Per Heating Degree Day	---	klbs/hdd
Total Condensate Return Water Flow	0.0	klbs
Total Plant Gas Flow	331.77	kscf
Total Plant Gas Cost	$2,037.32	$
Total Plant Oil Flow	0.0	gals
Total Plant Oil Cost	$0.00	$
Total Plant Fuel Cost	$2,037.32	$
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	0.9	0.0	23.5	0.6	hrs
Steam Flow	0.00	263.37	0.00	0.00	klbs
Gas Flow	0.00	331.77	0.00	0.00	kscf
Natural Gas Cost	$0.00	$2,037.32	$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	$0.00	$2,037.32	$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

12/29/2020
7:00 AM
Daily Report

Description

	Plant	Units
Heating Degree Days	0.00	hdd
Total Plant Steam Flow	263.50	klbs
Steam Flow Per Heating Degree Day	---	klbs/hdd
Total Condensate Return Water Flow	0.0	klbs
Total Plant Gas Flow	331.89	kscf
Total Plant Gas Cost	$2,038.07	$
Total Plant Oil Flow	0.0	gals
Total Plant Oil Cost	$0.00	$
Total Plant Fuel Cost	$2,038.07	$
Fuel Cost Per Heating Degree Day	---	$/hdd
Plant Average Steam Cost Per Degree Day	---	$/klbs
Total Plant Efficiency By I/O	77.8	%

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	0.8	0.0	23.5	0.4	hrs
Steam Flow	0.00	263.50	0.00	0.00	klbs
Gas Flow	0.00	331.89	0.00	0.00	kscf
Natural Gas Cost	$0.00	$2,038.07	$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	$0.00	$2,038.07	$0.00	$0.00	$
Average Steam Cost	---	$7.73	---	---	$/klbs
Efficiency By Losses	0.0	0.0	0.0	0.0	%
Efficiency By I/O		77.8			%

Central State Hospital

Heating Plant Day Operations Report

12/30/2020
7:00 AM
Daily Report

Description

	Plant	Units
Heating Degree Days	0.00	hdd
Total Plant Steam Flow	263.51	klbs
Steam Flow Per Heating Degree Day	---	klbs/hdd
Total Condensate Return Water Flow	0.0	klbs
Total Plant Gas Flow	331.91	kscf
Total Plant Gas Cost	$2,038.16	$
Total Plant Oil Flow	0.0	gals
Total Plant Oil Cost	$0.00	$
Total Plant Fuel Cost	$2,038.16	$
Fuel Cost Per Heating Degree Day	---	$/hdd
Plant Average Steam Cost Per Degree Day	---	$/klbs
Total Plant Efficiency By I/O	77.8	%

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	1.0	0.0	23.5	0.7	hrs
Steam Flow	0.00	263.51	0.00	0.00	klbs
Gas Flow	0.00	331.91	0.00	0.00	kscf
Natural Gas Cost	$0.00	$2,038.16	$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	$0.00	$2,038.16	$0.00	$0.00	$
Average Steam Cost	---	$7.73	---	---	$/klbs
Efficiency By Losses	0.0	0.0	0.0	0.0	%
Efficiency By I/O		77.8			%

Central State Hospital

Heating Plant Day Operations Report

12/31/2020
7:00 AM
Daily Report

Description

	Plant	Units
Heating Degree Days	0.00	hdd
Total Plant Steam Flow	263.38	klbs
Steam Flow Per Heating Degree Day	---	klbs/hdd
Total Condensate Return Water Flow	0.0	klbs
Total Plant Gas Flow	331.70	kscf
Total Plant Gas Cost	$2,036.86	$
Total Plant Oil Flow	0.0	gals
Total Plant Oil Cost	$0.00	$
Total Plant Fuel Cost	$2,036.86	$
Fuel Cost Per Heating Degree Day	---	$/hdd
Plant Average Steam Cost Per Degree Day	---	$/klbs
Total Plant Efficiency By I/O	77.8	%

		Units
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	0.9	0.0	21.7	3.0	hrs
Steam Flow	0.00	263.38	0.00	0.00	klbs
Gas Flow	0.00	331.70	0.00	0.00	kscf
Natural Gas Cost	$0.00	$2,036.86	$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	$0.00	$2,036.86	$0.00	$0.00	$
Average Steam Cost	---	$7.73	---	---	$/klbs
Efficiency By Losses	0.0	0.0	0.0	0.0	%
Efficiency By I/O		77.8			%