Heating Plant Day Operations Report

2/1/2020 7:00 AM Daily Report

		Plant					
Heating Degree Days		28.	76		hdd		
Total Plant Steam Flow		370	.49		klbs		
Steam Flow Per Heating Degree Day		12	.9		klbs/hd		
Total Condensate Return Water Flow		8.			klbs		
Total Plant Gas Flow		466	i.48		kscf		
Total Plant Gas Cost		\$2,86	64.52		\$		
Total Plant Oil Flow		0.	0		gals		
Total Plant Oil Cost		\$0.	00		\$		
Total Plant Fuel Cost		\$2,86	34.52		\$		
Fuel Cost Per Heating Degree Day		\$99	.62		\$/hdd		
Plant Average Steam Cost Per Degree Day		\$0.	27		\$/klbs		
Total Plant Efficiency By I/O		77	7.8		%		
Condensate Transfer Pump #1 Run Time		23	.5		hrs		
Condensate Transfer Pump #2 Run Time		23			hrs		
Condensate Transfer Pump #3 Run Time		23			hrs		
Boiler Feed Pump #1 Run Time		23			hrs		
Boiler Feed Pump #2 Run Time	h-1-80-4	23	1.5		hrs		
Boiler Feed Pump #3 Run Time		23			hrs		
Boiler Feed Pump #4 Run Time		23			hrs		
Fuel Oil Pump #1 Run Time		0.	0		hrs		
Fuel Oil Pump #2 Run Time		23			hrs		
	Boiler 1	Boiler 2	Boiler 3	Boiler 4	Units		
Run Time	0.7	23.5	0.7	0.4	hrs		
Steam Flow	0.00	370.49	0.00	0.00	klbs		
Gas Flow	3.50	457.48	2.93	2.56	kscf		
Natural Gas Cost	\$21.52	\$2,809.27	\$17.99	\$15.74	\$		
Oil Flow	0.0	0.0	0.0	0.0	gals		
Oil Cost	\$0.00	\$0.00	\$0.00	\$0.00	\$		
Total Fuel Cost	\$21.52	\$2,809.27	\$17.99	\$15.74	\$		
Average Steam Cost	_	\$7.58	***		\$/kibs		
Efficiency By Losses	75.9	80.1	78.5	80.5	%		
Efficiency By I/O		79.3	~~		%		

Heating Plant Day Operations Report

2/2/2020 7:00 AM Daily Report

	Plant					
Heating Degree Days		23.	69		hdd	
Total Plant Steam Flow		349).79		klbs	
Steam Flow Per Heating Degree Day		14	.8		klbs/hde	
Total Condensate Return Water Flow		8.	3		klbs	
Total Plant Gas Flow		440	.06		kscf	
Total Plant Gas Cost		\$2,70)2.32		\$	
Total Plant Oil Flow		0.	0		gals	
Total Plant Oil Cost		\$0.	00		\$	
Total Plant Fuel Cost		\$2,70	02.32		\$	
Fuel Cost Per Heating Degree Day	·	\$114	4.06		\$/hdd	
Plant Average Steam Cost Per Degree Day		\$0.	33		\$/klbs	
Total Plant Efficiency By I/O		77	2.8		%	
Condensate Transfer Pump #1 Run Time		23	5		hrs	
Condensate Transfer Pump #2 Run Time		23			hrs	
Condensate Transfer Pump #3 Run Time		23			hrs	
Boiler Feed Pump #1 Run Time		23			hrs	
Boiler Feed Pump #2 Run Time		23			hrs	
Boiler Feed Pump #3 Run Time	-2-3	23			hrs	
Boiler Feed Pump #4 Run Time	describer	23			hrs	
Fuel Oil Pump #1 Run Time		0.			hrs	
Fuel Oil Pump #2 Run Time		23			hrs	
	Boiler 1	Boiler 2	Boiler 3	Boiler 4	Units	
Run Time	0.7	23.5	0.8	0.4	hrs	
Steam Flow	0.00	349.79	0.00	0.00	klbs	
Gas Flow	3.77	430.37	3.18	2.74	kscf	
Natural Gas Cost	\$23.14	\$2,642.77	\$19.55	\$16.85	S	
Oil Flow	0.0	0.0	0.0	0.0	gals	
Oil Cost	\$0.00	\$0.00	\$0.00	\$0.00	\$	
Total Fuel Cost	\$23.14	\$2,642.77	\$19.55	\$16.85	\$	
Average Steam Cost	Ψ&V.14	\$7.56	ψ13.00	Ψ10.03	\$/klbs	
Efficiency By Losses	73.3	79.9	77.3	72.5	%	
Efficiency By I/O	10.0	79.6	11.9	12.0	%	

Heating Plant Day Operations Report

2/3/2020 7:00 AM Daily Report

Description

Description						
		Pla	int		Units	
Heating Degree Days		19.	16		hdd	
Total Plant Steam Flow		319	.38		klbs	
Steam Flow Per Heating Degree Day		16	.7		klbs/hdd	
Total Condensate Return Water Flow		8.	7		klbs	
Total Plant Gas Flow		404	.21		kscf	
Total Plant Gas Cost		\$2,48	2,16		\$	
Total Plant Oil Flow		0.	0		gals	
Total Plant Oil Cost		\$0.	00		\$	
Total Plant Fuel Cost		\$2,48	2.16		\$	
Fuel Cost Per Heating Degree Day		\$12	9.55		\$/hdd	
Plant Average Steam Cost Per Degree Day		\$0,	41		\$/klbs	
Total Plant Efficiency By I/O		77.4				
Condensate Transfer Pump #1 Run Time		23	.5	-	hrs	
Condensate Transfer Pump #2 Run Time		23			hrs	
Condensate Transfer Pump #3 Run Time		23			hrs	
Boiler Feed Pump #1 Run Time		23			hrs	
Boiler Feed Pump #2 Run Time		23			hrs	
Boiler Feed Pump #3 Run Time		23			inrs	
Boiler Feed Pump #4 Run Time		23			hrs	
Fuel Oil Pump #1 Run Time		0.			hrs	
Fuel Oil Pump #2 Run Time		23			hrs	
	Boiler 1	Boiler 2	Boiler 3	Boiler 4	Units	
Run Time	0.7	23.5	0.8	0.4	hrs	
Steam Flow	0.00	319.38	0.00	0.00	klbs	
Gas Flow	3.60	395.12	3.07	2.42	kscf	
Natural Gas Cost	\$22.10	\$2,426.35	\$18.83	\$14.88	S	
Oil Flow	0.0	0.0	0.0	0.0	gals	
Oil Cost	\$0.00	\$0.00	\$0.00	\$0.00	\$	
Total Fuel Cost	\$22.10	\$2,426.35	\$18.83	\$14.88	\$	
Average Steam Cost		\$7.60	φ10.03	417.00	\$/klbs	
Efficiency By Losses	72.3	79.9	73.1	69.8	%	
Efficiency By I/O	12.0	79.2	70.1	09.0	%	

Mid-Atlantic Controls Corporation

Day Report

Heating Plant Day Operations Report

2/4/2020 7:00 AM Daily Report

		Pla	ınt		Units	
Heating Degree Days		6.0	06		hdd	
Total Plant Steam Flow		292	.05		klbs	
Steam Flow Per Heating Degree Day		48	.2		klbs/hdd	
Total Condensate Return Water Flow		8.	8		klbs	
Total Plant Gas Flow		369	.90		kscf	
Total Plant Gas Cost		\$2,27	71.46		\$	
Total Plant Oil Flow		0.	0		gals	
Total Plant Oil Cost		\$0.	00		\$	
Total Plant Fuel Cost		\$2,27	71.46		\$	
Fuel Cost Per Heating Degree Day		\$374	4.89		\$/hdd	
Plant Average Steam Cost Per Degree Day		\$1	28		\$/klbs	
Total Plant Efficiency By I/O		77	.3	THE STATE OF THE S	%	
Condensate Transfer Pump #1 Run Time		23.5				
Condensate Transfer Pump #2 Run Time		23.5				
Condensate Transfer Pump #3 Run Time		23	.5		hrs	
Boiler Feed Pump #1 Run Time		23	.5		hrs	
Boiler Feed Pump #2 Run Time		23	.5		hrs	
Boiler Feed Pump #3 Run Time		23	.5		hrs	
Boiler Feed Pump #4 Run Time		23	.5		hrs	
Fuel Oil Pump #1 Run Time		0.	0		hrs	
Fuel Oil Pump #2 Run Time		23	.5		hrs	
	Boiler 1	Boiler 2	Boiler 3	Boiler 4	Units	
Run Time	0.7	23.5	0.6	0.3	hrs	
Steam Flow	0.00	292.05	0.00	0.00	klbs	
Gas Flow	3.39	362.29	2.48	1.75	kscf	
Natural Gas Cost	\$20.80	\$2,224.73	\$15.21	\$10.72	\$	
Oil Flow	0.0	0.0	0.0	0.0	gals	
Oil Cost	\$0.00	\$0.00	\$0.00	\$0.00	\$	
Total Fuel Cost	\$20.80	\$2,224.73	\$15.21	\$10.72	\$	
Average Steam Cost		\$7.62		-	\$/klbs	
Efficiency By Losses	75.5	79.9	79.3	72.3	%	
Efficiency By I/O		78.9			%	

Mid-Atlantic Controls Corporation

Day Report

Heating Plant Day Operations Report

2/5/2020 7:00 AM Daily Report

Description							
		Plant					
Heating Degree Days		3,	76		hdd		
Total Plant Steam Flow		284	1.14		klbs		
Steam Flow Per Heating Degree Day		75	5.6		klbs/hdd		
Total Condensate Return Water Flow		8.	.8		klbs		
Total Plant Gas Flow		363	3,11		kscf		
Total Plant Gas Cost		\$2,22	29.77		\$		
Total Plant Oil Flow		0	.0		gals		
Total Plant Oil Cost		\$0.	.00		\$		
Total Plant Fuel Cost		\$2,22	29.77		\$		
Fuel Cost Per Heating Degree Day		\$593	3.04		\$/hdd		
Plant Average Steam Cost Per Degree Day		\$2	.09		\$/klbs		
Total Plant Efficiency By I/O		76	3.6		%		
Condensate Transfer Pump #1 Run Time		23	3.5	į .	hrs		
Condensate Transfer Pump #2 Run Time		23.5					
Condensate Transfer Pump #3 Run Time		23			hrs		
Boiler Feed Pump #1 Run Time		23			hrs		
Boiler Feed Pump #2 Run Time		23			hrs		
Boiler Feed Pump #3 Run Time		23			hrs		
Boiler Feed Pump #4 Run Time		23			hrs		
Fuel Oil Pump #1 Run Time		0.			hrs		
Fuel Oil Pump #2 Run Time		23			hrs		
	Boiler 1	Boiler 2	Boiler 3	Boiler 4	Units		
Run Time	0.7	23.5	0.6	0.4	hrs		
Steam Flow	0.00	284.14	0.00	0.00	klbs		
Gas Flow	3.41	354.85	2.47	2.38	kscf		
Natural Gas Cost	\$20.95	\$2,179.07	\$15.16	\$14.58	S		
Oil Flow	0.0	0.0	0.0	0.0	gals		
Oil Cost	\$0.00	\$0.00	\$0.00	\$0.00	S		
Total Fuel Cost	\$20.95	\$2,179.07	\$15.16	\$14.58	\$		
Average Steam Cost	•	\$7.67	ψ13.10		\$/klbs		
Efficiency By Losses	75.7	79.9	73.4	76.8	%		
Efficiency By I/O		78.4	, 3.1	, , , ,	%		

Mid-Atlantic Controls Corporation

Day Report

Heating Plant Day Operations Report

2/6/2020 7:00 AM Daily Report

		Plant					
Heating Degree Days		11.	.68		hdd		
Total Plant Steam Flow		322	1.32		klbs		
Steam Flow Per Heating Degree Day	**************************************	27	7.6		klbs/hd		
Total Condensate Return Water Flow		9.	.0		klbs		
Total Plant Gas Flow		415	5.27		kscf		
Total Plant Gas Cost		\$2,55	50.06		\$		
Total Plant Oil Flow		0.	.0		gals		
Total Plant Oil Cost		\$0.	.00		S		
Total Plant Fuel Cost		\$2,55	50.06		S		
Fuel Cost Per Heating Degree Day		\$218	8.26		\$/hdd		
Plant Average Steam Cost Per Degree Day		\$0.	.68		\$/klbs		
Total Plant Efficiency By I/O		76	i.0		%		
Condensate Transfer Pump #1 Run Time		76.0 23.5					
Condensate Transfer Pump #2 Run Time		23	1.5		hrs		
Condensate Transfer Pump #3 Run Time		23	1,5		hrs		
Boiler Feed Pump #1 Run Time	herality (23	3.5		hrs		
Boiler Feed Pump #2 Run Time		23			hrs		
Boiler Feed Pump #3 Run Time		23	3.5		hrs		
Boiler Feed Pump #4 Run Time		23			hrs		
Fuel Oil Pump #1 Run Time		0.			hrs		
Fuel Oil Pump #2 Run Time		23	3.5		hrs		
	Boiler 1	Boiler 2	Boiler 3	Boiler 4	Units		
Run Time	0.8	23.5	0.7	0.5	hrs		
Steam Flow	0.00	322.32	0.00	0.00	klbs		
Gas Flow	4.32	404.50	2.91	3.54	kscf		
Natural Gas Cost	\$26.56	\$2,483.92	\$17.87	\$21.72	\$		
Oil Flow	0.0	0.0	0.0	0.0	gals		
Oil Cost	\$0.00	\$0.00	\$0.00	\$0.00	\$		
Total Fuel Cost	\$26.56	\$2,483.92	\$17.87	\$21.72	S		
Average Steam Cost		\$7.71		***	\$/klbs		
Efficiency By Losses	76.7	79.9	80.9	81.1	%		
Efficiency By I/O		78.0			%		

Heating Plant Day Operations Report

2/7/2020 7:00 AM Daily Report

Description

Description					
		Pta	ant		Units
Heating Degree Days		17.	.22		hdd
Total Plant Steam Flow		344	1.63		kibs
Steam Flow Per Heating Degree Day		20	0.0		klbs/hdd
Total Condensate Return Water Flow		9.	.1		klbs
Total Plant Gas Flow		436	3.01		kscf
Total Plant Gas Cost		\$2,67	77.40		\$
Total Plant Oil Flow		0.	.0		gals
Total Plant Oil Cost		\$0.	.00		\$
Total Plant Fuel Cost		\$2,67	77.40		\$
Fuel Cost Per Heating Degree Day		\$15	5.46		\$/hdd
Plant Average Steam Cost Per Degree Day		\$0.	45		\$/klbs
Total Plant Efficiency By I/O		77	'.4	1	%
Condensate Transfer Pump #1 Run Time		23	1.5		hrs
Condensate Transfer Pump #2 Run Time		23			hrs
Condensate Transfer Pump #3 Run Time		23			hrs
Boiler Feed Pump #1 Run Time		23			hrs
Boiler Feed Pump #2 Run Time		23			hrs
Boiler Feed Pump #3 Run Time		23			hrs
Boiler Feed Pump #4 Run Time		23			hrs
Fuel Oil Pump #1 Run Time		0.			hrs
Fuel Oil Pump #2 Run Time		23			hrs
	Boiler 1	Boiler 2	Boiler 3	Boiler 4	Units
Run Time	0.6	23.5	0.7	0.4	hrs
Steam Flow	0.00	344.63	0.00	0.00	klbs
Gas Flow	3.23	427.45	2.87	2.46	kscf
Natural Gas Cost	\$19.82	\$2,624.88	\$17.62	\$15.08	S
Oil Flow	0.0	0.0	0.0	0.0	gals
Oil Cost	\$0.00	\$0.00	\$0.00	\$0.00	\$
Total Fuel Cost	\$19.82	\$2,624.88	\$17.62	\$15.08	S
Average Steam Cost	-	\$7.62			\$/klbs
Efficiency By Losses	76.5	80.1	78.9	79.1	%
Efficiency By I/O		79.0			%

Mid-Atlantic Controls Corporation

Day Report

Heating Plant Day Operations Report

2/8/2020 7:00 AM Daily Report

Description					
		PI	ant		Units
Heating Degree Days		18	.17		hdd
Total Plant Steam Flow	•	340	5.88		klbs
Steam Flow Per Heating Degree Day		1!	9.1		klbs/hdd
Total Condensate Return Water Flow		8	.7		klbs
Total Plant Gas Flow		470	0.50		kscf
Total Plant Gas Cost		\$2,8	89.20		\$
Total Plant Oil Flow		0	.0		gals
Total Plant Oil Cost		\$0	.00		\$
Total Plant Fuel Cost		\$2,8	89,20		\$
Fuel Cost Per Heating Degree Day		\$15	8.99		\$/hdd
Plant Average Steam Cost Per Degree Day		\$0	.46		\$/klbs
Total Plant Efficiency By I/O		7:	2.2		%
Condensate Transfer Pump #1 Run Time		2:	3.5		hrs
Condensate Transfer Pump #2 Run Time		23	3.5		hrs
Condensate Transfer Pump #3 Run Time		2:	3.5		hrs
Boiler Feed Pump #1 Run Time		23	3.5		hrs
Boiler Feed Pump #2 Run Time		23	3.5		hrs
Boiler Feed Pump #3 Run Time		23	3.5		hrs
Boiler Feed Pump #4 Run Time		2:	3.5		hrs
Fuel Oil Pump #1 Run Time		0	.0		hrs
Fuel Oil Pump #2 Run Time		2:	3.5		hrs
	Boiler 1	Boiler 2	Boiler 3	Boiler 4	Units
Run Time	1.0	1.4	4.2	19.5	hrs
Steam Flow	0.00	23.04	41.75	282.09	klbs
Gas Flow	5.23	28.73	68.49	368.04	kscf
Natural Gas Cost	\$32.13	\$176.44	\$420.57	\$2,260.05	S
Oil Flow	0.0	0.0	0.0	0.0	gals
Oil Cost	\$0.00	\$0.00	\$0.00	\$0.00	\$
Total Fuel Cost	\$32.13	\$176.44	\$420.57	\$2,260.05	s
Average Steam Cost		\$7.66	\$10.07	\$8.01	\$/klbs
Efficiency By Losses	76.9	0.0	77.2	79.0	%
Efficiency By I/O		78.5	59.7	75.1	%

Mid-Atlantic Controls Corporation

Day Report

Heating Plant Day Operations Report

2/9/2020 7:00 AM Daily Report

Description

Description					
		Pi	ant		Units
Heating Degree Days		28	3.45		hdd
Total Plant Steam Flow		36	7.07		klbs
Steam Flow Per Heating Degree Day		1	2.9		klbs/hdc
Total Condensate Return Water Flow		9	0.0		klbs
Total Plant Gas Flow		45	2.39		kscf
Total Plant Gas Cost		\$2,7	78.04		\$
Total Plant Oil Flow		C	0.0		gals
Total Plant Oil Cost		\$0).00		\$
Total Plant Fuel Cost		\$2,7	78.04		\$
Fuel Cost Per Heating Degree Day		\$9	7.64		\$/hdd
Plant Average Steam Cost Per Degree Day		\$0).27		\$/klbs
Total Plant Efficiency By I/O		7	9.5		%
Condensate Transfer Pump #1 Run Time		2	3.5		hrs
Condensate Transfer Pump #2 Run Time			3.5		hrs
Condensate Transfer Pump #3 Run Time			3.5		hrs
Boiler Feed Pump #1 Run Time			3.5		hrs
Boiler Feed Pump #2 Run Time			3.5		hrs
Boiler Feed Pump #3 Run Time			3.5		hrs
Boiler Feed Pump #4 Run Time			3.5		hrs
Fuel Oil Pump #1 Run Time			0.0		hrs
Fuel Oil Pump #2 Run Time			3.5		hrs
	Boiler 1	Boiler 2	Boiler 3	Boiler 4	Units
Run Time	0,9	0.0	0.8	23.5	hrs
Steam Flow	0.00	0.00	0.00	367.07	klbs
Gas Flow	4.45	0.00	3.25	444.70	kscf
Natural Gas Cost	\$27.31	\$0.00	\$19.94	\$2,730.79	\$
Oil Flow	0.0	0.0	0.0	0.0	gals
Oil Cost	\$0.00	\$0.00	\$0.00	\$0.00	\$
Total Fuel Cost	\$27.31	\$0.00	\$19.94	\$2,730.79	\$
Average Steam Cost				\$7.44	\$/klbs
Efficiency By Losses	76.9	0.0	77.8	79.1	%
Efficiency By I/O				80.8	%

Mid-Atlantic Controls Corporation

Day Report

Heating Plant Day Operations Report

2/10/2020 7:00 AM Daily Report

	Plant				
Heating Degree Days		26	.60		hdd
Total Plant Steam Flow		347	7.29		klbs
Steam Flow Per Heating Degree Day		13	3.1		klbs/hd
Total Condensate Return Water Flow		8	.9		klbs
Total Plant Gas Flow		427	7.08		kscf
Total Plant Gas Cost		\$2,6	22.60		\$
Total Plant Oil Flow		0	.0		gals
Total Plant Oil Cost		\$0	.00		\$
Total Plant Fuel Cost		\$2,6	22.60		S
Fuel Cost Per Heating Degree Day			3.60		\$/hdd
Plant Average Steam Cost Per Degree Day		\$0	.28		\$/klbs
Total Plant Efficiency By I/O	79.6				
Condensate Transfer Pump #1 Run Time		2:	3.5	<u> </u>	hrs
Condensate Transfer Pump #2 Run Time			3.5		hrs
Condensate Transfer Pump #3 Run Time			3.5		hrs
Boiler Feed Pump #1 Run Time			3.5		hrs
Boiler Feed Pump #2 Run Time			3.5		hrs
Boiler Feed Pump #3 Run Time			3.5		hrs
Boiler Feed Pump #4 Run Time			3.5		hrs
Fuel Oil Pump #1 Run Time			.0		hrs
Fuel Oil Pump #2 Run Time			3.5		hrs
	Boiler 1	Boiler 2	Boiler 3	Boiler 4	Units
Run Time	0.7	0.0	0.7	23.5	hrs
Steam Flow	0.00	0.00	0.00	347.29	klbs
Gas Flow	3.65	0.00	2.84	420.58	kscf
Natural Gas Cost	\$22.44	\$0.00	\$17.47	\$2,582.70	S
Oil Flow	0.0	0.0	0.0	0.0	gals
Oil Cost	\$0.00	\$0.00	\$0.00	\$0.00	\$
otal Fuel Cost	\$22.44	\$0.00	\$17.47	\$2,582.70	S
Average Steam Cost			P11.7	\$7.44	\$/klbs
Efficiency By Losses	77.9	0.0	76.1	79.2	%
Efficiency By I/O	7710	V-V	70.1	80.9	%

Heating Plant Day Operations Report

2/11/2020 7:00 AM Daily Report

		Pl	ant		Units
Heating Degree Days		18	.85		hdd
Total Plant Steam Flow		330	0.94		klbs
Steam Flow Per Heating Degree Day		17	7.6		klbs/hdd
Total Condensate Return Water Flow		9	.0		klbs
Total Plant Gas Flow		405	5.89		kscf
Total Plant Gas Cost		\$2,4	92.45		\$
Total Plant Oil Flow		0	.0		gals
Total Plant Oil Cost		\$0	.00		\$
Total Plant Fuel Cost		\$2,4	92.45		\$
Fuel Cost Per Heating Degree Day		\$13	2.25		\$/hdd
Plant Average Steam Cost Per Degree Day	V-0-081-11-01-	\$0	.40		\$/klbs
Total Plant Efficiency By I/O		79	9.8		%
Condensate Transfer Pump #1 Run Time		23	3.5	·	hrs
Condensate Transfer Pump #2 Run Time			3.5		hrs
Condensate Transfer Pump #3 Run Time			3.5		hrs
Boiler Feed Pump #1 Run Time			3.5		hrs
Boiler Feed Pump #2 Run Time		23	3.5		hrs
Boiler Feed Pump #3 Run Time		23	3.5		hrs
Boiler Feed Pump #4 Run Time		23	3.5		hrs
Fuel Oil Pump #1 Run Time		0	.0		hrs
Fuel Oil Pump #2 Run Time		23	3.5		hrs
	Boiler 1	Boiler 2	Boiler 3	Boiler 4	Units
Run Time	0.6	0.0	0.7	23.5	hrs
Steam Flow	0.00	0.00	0.00	330 94	klbs
Gas Flow	3.07	0.00	2.52	400.30	kscf
Natural Gas Cost	\$18.82	\$0.00	\$15.46	\$2,458.17	\$
Oil Flow	0.0	0.0	0.0	0.0	gals
Oil Cost	\$0.00	\$0.00	\$0.00	\$0.00	\$
Total Fuel Cost	\$18.82	\$0.00	\$15.46	\$2,458.17	\$
Average Steam Cost				\$7.43	\$/klbs
Efficiency By Losses	77.3	0.0	79.6	79.6	%
Efficiency By I/O	44.4-			81.0	%

Heating Plant Day Operations Report

2/12/2020 7:00 AM Daily Report

	Plant					
Heating Degree Days		9.	88		hdd	
Total Plant Steam Flow		326	6.67		klbs	
Steam Flow Per Heating Degree Day		33	3.1		klbs/hd	
Total Condensate Return Water Flow		9	.1		klbs	
Total Plant Gas Flow		402	2.61		kscf	
Total Plant Gas Cost		\$2,4	72.32		\$	
Total Plant Oil Flow		0	.0		gals	
Total Plant Oil Cost		\$0	.00		S	
Total Plant Fuel Cost		\$2,4	72.32		\$	
Fuel Cost Per Heating Degree Day			0.28		\$/hdd	
Plant Average Steam Cost Per Degree Day		\$0	.77		\$/klbs	
Total Plant Efficiency By I/O	4	79	9.5		%	
Condensate Transfer Pump #1 Run Time		23	3.5		hrs	
Condensate Transfer Pump #2 Run Time			3.5		hrs	
Condensate Transfer Pump #3 Run Time			3.5		hrs	
Boiler Feed Pump #1 Run Time			3.5		hrs	
Boiler Feed Pump #2 Run Time			3.5		hrs	
Boiler Feed Pump #3 Run Time	· ·		3.5		hrs	
Boiler Feed Pump #4 Run Time			3.5		hrs	
Fuel Oil Pump #1 Run Time			.0		hrs	
Fuel Oil Pump #2 Run Time			3.5		hrs	
	Boiler 1	Boiler 2	Boiler 3	Boiler 4	Units	
Run Time	0.8	0.0	0.7	23.5	hrs	
Steam Flow	0.00	0.00	0.00	326.67	klbs	
Gas Flow	4.04	0.00	2.77	395.80	kscf	
Natural Gas Cost	\$24.81	\$0.00	\$17.02	\$2,430.49	\$	
Oil Flow	0.0	0.0	0.0	0.0	gals	
Oil Cost	\$0.00	\$0.00	\$0.00	\$0.00	S	
Total Fuel Cost	\$24.81	\$0.00	\$17.02	\$2,430.49	\$	
Average Steam Cost		***		\$7.44	\$/klbs	
Efficiency By Losses	71.3	0.0	76.9	79.3	%	
Efficiency By I/O				80.8	%	

Heating Plant Day Operations Report

2/13/2020 7:00 AM Daily Report

Description						
		PI	ant		Units	
Heating Degree Days		16	5.51		hdd	
Total Plant Steam Flow		35	6.45		klbs	
Steam Flow Per Heating Degree Day		2	1.6		klbs/hdd	
Total Condensate Return Water Flow		8	3.7		klbs	
Total Plant Gas Flow		43	5.81		kscf	
Total Plant Gas Cost		\$2,6	76.21		\$	
Total Plant Oil Flow		(0.0		gals	
Total Plant Oil Cost		\$0	0.00		\$	
Total Plant Fuel Cost		\$2,6	76.21		\$	
Fuel Cost Per Heating Degree Day		\$16	2.10		\$/hdd	
Plant Average Steam Cost Per Degree Day		\$0).45		\$/klbs	
Total Plant Efficiency By I/O		8	0.1		%	
Condensate Transfer Pump #1 Run Time		23.5				
Condensate Transfer Pump #2 Run Time			3.5		hrs hrs	
Condensate Transfer Pump #3 Run Time			3.5		hrs	
Boiler Feed Pump #1 Run Time			3.5		hrs	
Boiler Feed Pump #2 Run Time			3.5		hrs	
Boiler Feed Pump #3 Run Time			3.5		hrs	
Boiler Feed Pump #4 Run Time			3.5		hrs	
Fuel Oil Pump #1 Run Time).0		hrs	
Fuel Oil Pump #2 Run Time	23.5					
	Boiler 1	Boiler 2	Boiler 3	Boiler 4	Units	
Run Time	0.7	0.0	0.8	23.5	hrs	
Steam Flow	0.00	0.00	0.00	356.45	klbs	
Gas Flow	3.80	0.00	3.17	428.84	kscf	
Natural Gas Cost	\$23.34	\$0.00	\$19.44	\$2,633.43	\$	
Oil Flow	0.0	0.0	0.0	0.0	gals	
Oil Cost	\$0.00	\$0.00	\$0.00	\$0.00	\$	
Total Fuel Cost	\$23.34	\$0.00	\$19.44	\$2,633.43	S	
Average Steam Cost		***		\$7.39	\$/klbs	
Efficiency By Losses	76.8	0.0	74.3	79.4	%	
Efficiency By I/O		-		81.4	%	

Mid-Atlantic Controls Corporation

Day Report

Heating Plant Day Operations Report

2/14/2020 7:00 AM **Daily Report**

	<u> </u>			Units
	1;	3.53		hdd
	33	6.63		klbs
	2	4.9		klbs/hdc
	(9.1		klbs
	39	5.30		kscf
	\$2,4	127.43		\$
	(0.0		gals
	\$(0.00		\$
	\$2,4	27.43		\$
	\$17	79.46		\$/hdd
	\$(0.53		\$/klbs
	8	3.4		%
		3.5		hrs
	_			hrs
				hrs
				hrs
				hrs
				hrs
				hrs
23.5				
Boiler 1	Boiler 2	Roiler 3	Boiler 4	Units
		· · · · · · · · · · · · · · · · · · ·		hrs
		· 		klbs
	·			kscf
	† 			S
		·		gals
				S
	<u> </u>			\$
920.00				\$/klbs
				%
99.1	0.0			%
	Boiler 1 0.8 0.00 4.23 \$26.00 0.0 \$0.00 \$0.00 \$26.00	113 333 2 339 \$2,4 (1 3 3 3 3 3 3 3 3 3	Boiler 1 Boiler 2 Boiler 3 0.8 0.0 23.3 0.00 0.00 333.79 4.23 0.00 385.58 \$26.00 \$0.00 \$2,367.74 0.0 0.0 0.0 \$0.00 \$0.00 \$0.00 \$26.00 \$0.00 \$2,367.74 \$7.09	13.53 336.63 24.9 9.1 395.30 \$2,427.43 0.0 \$0.00 \$2,427.43 \$179.46 \$0.53 83.4 23.5 23.5 23.5 23.5 23.5 23.5 23.5 23.

Mid-Atlantic Controls Corporation

Day Report

Heating Plant Day Operations Report

2/15/2020 7:00 AM Daily Report

Description

Description					
		Р	lant		Units
Heating Degree Days		26	5.70		hdd
Total Plant Steam Flow		38	2.18		klbs
Steam Flow Per Heating Degree Day		1	4.3		klbs/hdo
Total Condensate Return Water Flow		1	3.6		klbs
Total Plant Gas Flow		45	0.89		kscf
Total Plant Gas Cost		\$2,7	68.79		\$
Total Plant Oil Flow			0.0		gals
Total Plant Oil Cost		\$(0.00		\$
Total Plant Fuel Cost		\$2,7	68.79		\$
Fuel Cost Per Heating Degree Day		\$16	03.69		\$/hdd
Plant Average Steam Cost Per Degree Day		\$(0.27		\$/klbs
Total Plant Efficiency By I/O		8	3.0		%
Condensate Transfer Pump #1 Run Time			3.5		hrs
Condensate Transfer Pump #2 Run Time			3.5		hrs
Condensate Transfer Pump #3 Run Time			3.5	- N STATE	hrs
Boiler Feed Pump #1 Run Time	23.5				
Boiler Feed Pump #2 Run Time	23.5				
Boiler Feed Pump #3 Run Time			3.5		hrs
Boiler Feed Pump #4 Run Time		2	3.5		hrs
Fuel Oil Pump #1 Run Time			0.0		hrs
Fuel Oil Pump #2 Run Time	23,5				
	Boiler 1	Boiler 2	Boiler 3	Boiler 4	Units
Run Time	0.7	0.0	23.5	0.5	hrs
Steam Flow	0.00	0.00	382.18	0.00	klbs
Gas Flow	3.85	0.00	443.68	3.37	kscf
Natural Gas Cost	\$23.61	\$0.00	\$2,724.50	\$20.67	S
Oil Flow	0.0	0.0	0.0	0.0	gals
Oil Cost	\$0.00	\$0.00	\$0.00	\$0.00	\$
Total Fuel Cost	\$23.61	\$0.00	\$2,724.50	\$20.67	\$
Average Steam Cost	***	_	\$7.13		\$/klbs
Efficiency By Losses	74.5	0.0	82.5	75.5	%
Efficiency By I/O			84.4		%

Mid-Atlantic Controls Corporation

Day Report

Heating Plant Day Operations Report

2/16/2020 7:00 AM **Daily Report**

Description					
		P	lant	·	Units
Heating Degree Days		34	4.16		hdd
Total Plant Steam Flow		37	5.30		klbs
Steam Flow Per Heating Degree Day		1	1.0		klbs/hdd
Total Condensate Return Water Flow			9.0		klbs
Total Plant Gas Flow		44	2.56		kscf
Total Plant Gas Cost		\$2,7	17.67		\$
Total Plant Oil Flow		(0.0		gals
Total Plant Oil Cost		\$0	0.00		\$
Total Plant Fuel Cost		\$2,7	17.67		\$
Fuel Cost Per Heating Degree Day		\$7	9.55		\$/hdd
Plant Average Steam Cost Per Degree Day		\$0	0.21		\$/klbs
Total Plant Efficiency By I/O		8	3.0		%
Condensate Transfer Pump #1 Run Time		2	3.5	1	hrs
Condensate Transfer Pump #2 Run Time			3.5		hrs
Condensate Transfer Pump #3 Run Time			3.5		hrs
Boiler Feed Pump #1 Run Time			3.5	- 000-0	hrs
Boiler Feed Pump #2 Run Time			3.5		hrs
Boiler Feed Pump #3 Run Time			3.5		hrs
Boiler Feed Pump #4 Run Time			3.5		hrs
Fuel Oil Pump #1 Run Time			0.0		hrs
Fuel Oil Pump #2 Run Time	23.5				
	Boiler 1	Boiler 2	Boiler 3	Boiler 4	Units
Run Time	0.7	0.0	23.5	0.5	hrs
Steam Flow	0.00	0.00	375.29	0.01	klbs
Gas Flow	3.85	0.00	435.35	3.37	kscf
Natural Gas Cost	\$23.63	\$0.00	\$2,673.35	\$20.69	\$
Oil Flow	0.0	0.0	0.0	0.0	gals
Oil Cost	\$0.00	\$0.00	\$0.00	\$0.00	\$
Total Fuel Cost	\$23.63	\$0.00	\$2,673.35	\$20.69	\$
Average Steam Cost		_	\$7.12	\$2,525.33	\$/klbs
Efficiency By Losses	75.7	0.0	82.7	71.9	%
Efficiency By I/O			84.4		%

Mid-Atlantic Controls Corporation

Day Report

Heating Plant Day Operations Report

2/17/2020 7:00 AM Daily Report

Description

Description					
		P	ant		Units
Heating Degree Days		25	5.10		hdd
Total Plant Steam Flow		34	1.93		klbs
Steam Flow Per Heating Degree Day		1	3.6		klbs/hdd
Total Condensate Return Water Flow		9	9.1		klbs
Total Plant Gas Flow	-	40	2.15		kscf
Total Plant Gas Cost		\$2,4	69.53		\$
Total Plant Oil Flow		(0.0		gals
Total Plant Oil Cost		\$0	0.00		\$
Total Plant Fuel Cost		\$2,4	69.53		\$
Fuel Cost Per Heating Degree Day		\$9	8.39		\$/hdd
Plant Average Steam Cost Per Degree Day		\$0	0.29		\$/klbs
Total Plant Efficiency By I/O		8	3.3		%
Condensate Transfer Pump #1 Run Time		2	3.5		hrs
Condensate Transfer Pump #2 Run Time		2	3.5		hrs
Condensate Transfer Pump #3 Run Time	23.5				
Boiler Feed Pump #1 Run Time	23.5				
Boiler Feed Pump #2 Run Time		2	3.5		hrs
Boiler Feed Pump #3 Run Time		2	3.5		hrs
Boiler Feed Pump #4 Run Time		2	3.5		hrs
Fuel Oil Pump #1 Run Time		(0.0		hrs
Fuel Oil Pump #2 Run Time	23.5				
	Boiler 1	Boiler 2	Boiler 3	Boiler 4	Units
Run Time	0.6	0.0	23.5	0.4	hrs
Steam Flow	0.00	0.00	341.93	0.00	klbs
Gas Flow	3.31	0.00	396.19	2.65	kscf
Natural Gas Cost	\$20.33	\$0.00	\$2,432.93	\$16.27	S
Oil Flow	0.0	0.0	0.0	0.0	gals
Oil Cost	\$0.00	\$0.00	\$0.00	\$0.00	\$
Total Fuel Cost	\$20.33	\$0.00	\$2,432.93	\$16.27	s
Average Steam Cost		***	\$7.12	***	\$/klbs
Efficiency By Losses	81.7	0.0	82.9	79.6	%
Efficiency By I/O			84.5		%

Mid-Atlantic Controls Corporation

Day Report

Heating Plant Day Operations Report

2/18/2020 7:00 AM Daily Report

Description					
		Р	lant		Units
Heating Degree Days		1!	9.33		hdd
Total Plant Steam Flow		33	4.23		klbs
Steam Flow Per Heating Degree Day		1	7.3		klbs/hdd
Total Condensate Return Water Flow			9.3		klbs
Total Plant Gas Flow		39	5.44		kscf
Total Plant Gas Cost		\$2,4	28.31		\$
Total Plant Oil Flow		(0.0		gals
Total Plant Oil Cost		\$(0.00		\$
Total Plant Fuel Cost		\$2,4	28.31		\$
Fuel Cost Per Heating Degree Day		\$1:	25.62		\$/hdd
Plant Average Steam Cost Per Degree Day		\$(0.38		\$/klbs
Total Plant Efficiency By I/O		8	2.8		%
Condensate Transfer Pump #1 Run Time			3.5		hrs
Condensate Transfer Pump #2 Run Time			3.5		
Condensate Transfer Pump #2 Run Time			3.5		hrs
Boiler Feed Pump #1 Run Time			3.5		hrs
Boiler Feed Pump #2 Run Time			3.5		hrs
Boiler Feed Pump #3 Run Time			3.5		hrs
Boiler Feed Pump #4 Run Time			3.5		hrs
Fuel Oil Pump #1 Run Time			3.5).0		hrs
Fuel Oil Pump #2 Run Time			3.5		
rue: Oil Fullip #2 Ruil Tillie			3.5		hrs
	Boiler 1	Boiler 2	Boiler 3	Boiler 4	Units
Run Time	0.7	0.0	23.5	0.4	hrs
Steam Flow	0.00	0.00	334.23	0.00	klbs
Gas Flow	3.84	0.00	388.68	2.92	kscf
Natural Gas Cost	\$23.56	\$0.00	\$2,386.80	\$17.94	\$
Oil Flow	0.0	0.0	0.0	0.0	galş
Oil Cost	\$0.00	\$0.00	\$0.00	\$0.00	\$
Total Fuel Cost	\$23.56	\$0.00	\$2,386.80	\$17.94	\$
Average Steam Cost			\$7.14		\$/klbs
Efficiency By Losses	78.6	0.0	82.7	78.2	%
Efficiency By I/O			84.2		%

Mid-Atlantic Controls Corporation

Day Report

Heating Plant Day Operations Report

2/19/2020 7:00 AM Daily Report

Description						
		Р	lant		Units	
Heating Degree Days		17.23				
Total Plant Steam Flow		31	8.97		klbs	
Steam Flow Per Heating Degree Day		1	8.5		klbs/hdd	
Total Condensate Return Water Flow			9.4		klbs	
Total Plant Gas Flow		37	8.57		kscf	
Total Plant Gas Cost		\$2,3	24.73		\$	
Total Plant Oil Flow		(0,0	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	gals	
Total Plant Oil Cost		\$(0.00		\$	
Total Plant Fuel Cost		\$2,3	24.73		\$	
Fuel Cost Per Heating Degree Day		\$13	34.91		\$/hdd	
Plant Average Steam Cost Per Degree Day	1-2	\$(0.42		\$/klbs	
Total Plant Efficiency By I/O		8	2.5		%	
Condensate Transfer Pump #1 Run Time			3.5	· · · · · · · · · · · · · · · · · · ·	hrs	
Condensate Transfer Pump #2 Run Time			3.5		hrs	
Condensate Transfer Pump #3 Run Time			3.5		hrs	
Boiler Feed Pump #1 Run Time			3.5	- 1111110	hrs	
Boiler Feed Pump #2 Run Time			3.5		hrs	
Boiler Feed Pump #3 Run Time			3.5		hrs	
Boiler Feed Pump #4 Run Time			3.5		hrs	
Fuel Oil Pump #1 Run Time			0.0		hrs	
Fuel Oil Pump #2 Run Time	23.5					
	Boiler 1	Boiler 2	Boiler 3	Boiler 4	Units	
Run Time	0.8	0.0	23.5	0.3	hrs	
Steam Flow	0.00	0.00	318.97	0.00	kibs	
Gas Flow	3.88	0.00	372.67	2.02	kscf	
Natural Gas Cost	\$23.84	\$0.00	\$2,288.50	\$12.39	\$	
Oil Flow	0.0	0.0	0.0	0.0	gals	
Oil Cost	\$0.00	\$0.00	\$0.00	\$0.00	\$	
Total Fuel Cost	\$23.84	\$0.00	\$2,288.50	\$12.39	\$	
Average Steam Cost	_	_	\$7.17	412.00	\$/klbs	
Efficiency By Losses	74.9	0.0	82.9	76.3	%	
Efficiency By I/O			83.8		%	

Mid-Atlantic Controls Corporation

Day Report

Heating Plant Day Operations Report

2/20/2020 7:00 AM Daily Report

Description

Description							
		Plant					
Heating Degree Days		23.40					
Total Plant Steam Flow		34	6.07		klbs		
Steam Flow Per Heating Degree Day		1	4.8		klbs/hdd		
Total Condensate Return Water Flow			9.4		klbs		
Total Plant Gas Flow		41	0.05		kscf		
Total Plant Gas Cost		\$2,5	518.04		\$		
Total Plant Oil Flow		(0.0		gals		
Total Plant Oil Cost		\$0	0.00		\$		
Total Plant Fuel Cost		\$2,5	18.04		\$		
Fuel Cost Per Heating Degree Day		\$10	07.62		\$/hdd		
Plant Average Steam Cost Per Degree Day		\$0	0.31		\$/klbs		
Total Plant Efficiency By I/O		. 8	2.6		%		
Condensate Transfer Pump #1 Run Time		2	3.5		hrs		
Condensate Transfer Pump #2 Run Time			3.5		hrs		
Condensate Transfer Pump #3 Run Time			3.5		hrs		
Boiler Feed Pump #1 Run Time			3.5		hrs		
Boiler Feed Pump #2 Run Time			3.5		hrs		
Boiler Feed Pump #3 Run Time			3.5		hrs		
Boiler Feed Pump #4 Run Time			3.5		hrs		
Fuel Oil Pump #1 Run Time			0.0		hrs		
Fuel Oil Pump #2 Run Time	23.5						
	Boiler 1	Boiler 2	Boiler 3	Boiler 4	Units		
Run Time	0.9	0.0	23.5	0.6	hrs		
Steam Flow	0.00	0.00	346.07	0.00	klbs		
Gas Flow	4.63	0.00	401.54	3.89	kscf		
Natural Gas Cost	\$28.44	\$0.00	\$2,465.73	\$23.87	\$		
Oil Flow	0.0	0.0	0.0	0.0	gals		
Oil Cost	\$0.00	\$0.00	\$0.00	\$0.00	\$		
Total Fuel Cost	\$28.44	\$0.00	\$2,465.73	\$23.87	S		
Average Steam Cost	WE VITT		\$7.13	φ23.01	\$/klbs		
Efficiency By Losses	74.5	0.0	82.7	78.8	%		
Efficiency By I/O	77.0	7.7	84.4	10.0	%		
Mid Atlantic Controls Corporation		ov Bened	7.7		1/0		

Mid-Atlantic Controls Corporation

Day Report

Heating Plant Day Operations Report

2/21/2020 7:00 AM **Daily Report**

		Plant					
Heating Degree Days		30).48		hdd		
Total Plant Steam Flow		33	8.07		klbs		
Steam Flow Per Heating Degree Day		1	1,1		klbs/hd		
Total Condensate Return Water Flow		8	3.9		klbs		
Total Plant Gas Flow		44	3.09		kscf		
Total Plant Gas Cost		\$2,7	20.93		\$		
Total Plant Oil Flow		(0.0		gals		
Total Plant Oil Cost		\$(0.00		\$		
Total Plant Fuel Cost		\$2,7	20.93		\$		
Fuel Cost Per Heating Degree Day		\$8	9.25		\$/hdd		
Plant Average Steam Cost Per Degree Day		\$(0.26		\$/klbs		
Total Plant Efficiency By I/O		7	4.7		%		
Condensate Transfer Pump #1 Run Time		2	3.5		hrs		
Condensate Transfer Pump #2 Run Time		2	3.5		hrs		
Condensate Transfer Pump #3 Run Time			3.5		hrs		
Boiler Feed Pump #1 Run Time	23.5						
Boiler Feed Pump #2 Run Time			3.5		hrs		
Boiler Feed Pump #3 Run Time			3.5		hrs		
Boiler Feed Pump #4 Run Time			3.5	- 10.555	hrs		
Fuel Oil Pump #1 Run Time		(0.0		hrs		
Fuel Oil Pump #2 Run Time	23.5						
	Boiler 1	Boiler 2	Boiler 3	Boiler 4	Units		
Run Time	8.3	0.0	12.3	5.2	hrs		
Steam Flow	87.41	0.00	198.37	52.28	klbs		
Gas Flow	125.23	0.00	231.40	86.47	kscf		
Natural Gas Cost	\$769.02	\$0.00	\$1,420.94	\$530.97	S		
Oil Flow	0.0	0.0	0.0	0.0	gals		
Oil Cost	\$0.00	\$0.00	\$0.00	\$0.00	S		
Total Fuel Cost	\$769.02	\$0.00	\$1,420.94	\$530.97	S		
Average Steam Cost	\$8.80		\$7.16	\$10.16	\$/klbs		
Efficiency By Losses	80.1	0.0	0.0	75.5	%		
Efficiency By I/O	68.4		84.0	59.2	%		

Heating Plant Day Operations Report

2/22/2020 7:00 AM Daily Report

Description						
		Р	lant		Units	
Heating Degree Days		35.98				
Total Plant Steam Flow		38	7.82		klbs	
Steam Flow Per Heating Degree Day		1	0.8		klbs/hdd	
Total Condensate Return Water Flow		(9.0		klbs	
Total Plant Gas Flow		46	9.30		kscf	
Total Plant Gas Cost		\$2,8	81.84		\$	
Total Plant Oil Flow		-	0.0		gals	
Total Plant Oil Cost		\$(0.00		\$	
Total Plant Fuel Cost		\$2,8	81.84		\$	
Fuel Cost Per Heating Degree Day		\$8	0.10		\$/hdd	
Plant Average Steam Cost Per Degree Day		\$(0.21		\$/klbs	
Total Plant Efficiency By I/O			0.9		%	
Condensate Transfer Pump #1 Run Time	<u></u>	2	3.5		hrs	
Condensate Transfer Pump #2 Run Time			3.5		hrs	
Condensate Transfer Pump #3 Run Time			3.5		hrs	
Boiler Feed Pump #1 Run Time			3.5		hrs	
Boiler Feed Pump #2 Run Time			3.5		hrs	
Boiler Feed Pump #3 Run Time			3.5		hrs	
Boiler Feed Pump #4 Run Time			3.5		hrs	
Fuel Oil Pump #1 Run Time			0.0		hrs	
Fuel Oil Pump #2 Run Time	23.5					
	Boiler 1	Dellar 9	Dollar 2	D-11	188 24	
Run Time	2.3	Boiler 2	Boiler 3	Boiler 4	Units	
Steam Flow			21.2	1.0	hrs	
Gas Flow	43.59 48.77	0.00	335.71	8.51	klbs	
Natural Gas Cost		0.00	404.53	16.00	kscf	
Oil Flow	\$299.49	\$0.00	\$2,484.10	\$98.26	\$	
Oil Cost	0.0	0.0	0.0	0.0	gals	
Total Fuel Cost	\$0.00	\$0.00	\$0.00	\$0.00	\$	
	\$299.49	\$0.00	\$2,484.10	\$98.26	\$	
Average Steam Cost	\$6.87		\$7.40	\$11.55	\$/klbs	
Efficiency By Losses	0.0	0.0	82.5	72.2	%	
Efficiency By I/O	87.5	au Danad	81.3	52.1	%	

Mid-Atlantic Controls Corporation

Day Report

Heating Plant Day Operations Report

2/23/2020 7:00 AM **Daily Report**

Description						
		P	lant		Units	
Heating Degree Days		30.17				
Total Plant Steam Flow		34	8.59		klbs	
Steam Flow Per Heating Degree Day		1	1.6		klbs/hd	
Total Condensate Return Water Flow		9	9.1		klbs	
Total Plant Gas Flow		40	6.77		kscf	
Total Plant Gas Cost		\$2,4	97.86		\$	
Total Plant Oil Flow			0.0		gals	
Total Plant Oil Cost		\$0	0.00		\$	
Total Plant Fuel Cost		\$2,4	97.86		S	
Fuel Cost Per Heating Degree Day		\$8	2.79		\$/hdd	
Plant Average Steam Cost Per Degree Day		\$(0.24		\$/klbs	
Total Plant Efficiency By I/O		8	3.9		%	
Condensate Transfer Pump #1 Run Time		2	3.5		hrs	
Condensate Transfer Pump #2 Run Time	1-2-0-10-10-10-10-10-10-10-10-10-10-10-10-1	2	3.5		hrs	
Condensate Transfer Pump #3 Run Time		2	3.5		hrs	
Boiler Feed Pump #1 Run Time			3.5		hrs	
Boiler Feed Pump #2 Run Time		2	3.5		hrs	
Boiler Feed Pump #3 Run Time		2	3.5		hrs	
Boiler Feed Pump #4 Run Time		2	3.5		hrs	
Fuel Oil Pump #1 Run Time		(0.0		hrs	
Fuel Oil Pump #2 Run Time	23.5					
	Boiler 1	Boiler 2	Boiler 3	Boiler 4	Units	
Run Time	0.0	0.0	23.5	0.4	hrs	
Steam Flow	0.00	0.00	348.59	0.00	klbs	
Gas Flow	0.00	0.00	404.24	2.53	kscf	
Natural Gas Cost	\$0.00	\$0.00	\$2,482,31	\$15.55	\$	
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	\$2,482.31	\$15.55	s	
Average Steam Cost	•••		\$7.12		\$/klbs	
Efficiency By Losses	0.0	0.0	82.7	78.5	%	
Efficiency By I/O			84.4	1 1 1 1 (4 5 3	%	

Mid-Atlantic Controls Corporation

Day Report

Heating Plant Day Operations Report

2/24/2020 7:00 AM Daily Report

Description

	P	lant		Units
	22	2.83		hdd
	31	6.71		klbs
	1	3.9		klbs/hdc
		9.2		klbs
	36	7.50		kscf
	\$2,2	156.75		\$
	(0.0		gals
	\$0	0.00		\$
	\$2,2	56.75		\$
	\$9	8.86		\$/hdd
	\$0),31		\$/klbs
		4.4		%
		3.5		hrs
				hrs
····				hrs
				hrs
				hrs
23.5				
Boiler 1	Boiler 2	Boiler 3	Boiler 4	Units
				hrs
				klbs
				kscf
				S
				gals
				\$
	· · · · · · · · · · · · · · · · · · ·			\$
Ψ0,00	40.00		φ13, 10 	\$/klbs
0.0	0.0		78.7	%
	3.0		10.1	%
	Boiler 1 0.0 0.00 0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	Soller 1 Soller 2	Boiler 1 Boiler 2 Boiler 3 0.0 0.0 23.5 0.00 0.00 316.71 0.00 0.00 365.04 \$0.00 \$0.00 \$2,241.59 0.0 0.0 0.0 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$2,241.59 \$7.08	22.83 316.71 13.9 92 367.50 \$2,256.75 0.0 \$0.00 \$0.00 \$2,256.75 \$98.86 \$0.31 84.4 23.5 23.5 23.5 23.5 23.5 23.5 23.5 23.

Mid-Atlantic Controls Corporation

Day Report

Heating Plant Day Operations Report

2/25/2020 7:00 AM Daily Report

Description					
	Plant				
Heating Degree Days		2	1.08		hdd
Total Plant Steam Flow		32	8.80		klbs
Steam Flow Per Heating Degree Day		1	5.6		klbs/hd
Total Condensate Return Water Flow		(9.3		klbs
Total Plant Gas Flow		38	4.77		kscf
Total Plant Gas Cost		\$2,3	62.76		\$
Total Plant Oil Flow		(0.0		gals
Total Plant Oil Cost		\$0	0.00		\$
Total Plant Fuel Cost		\$2,3	62.76		\$
Fuel Cost Per Heating Degree Day		\$1	12.09		\$/hdd
Plant Average Steam Cost Per Degree Day		\$0).34		\$/klbs
Total Plant Efficiency By I/O		8	3.7		%
Condensate Transfer Pump #1 Run Time		2	3.5		hrs
Condensate Transfer Pump #2 Run Time	23.5				hrs
Condensate Transfer Pump #3 Run Time	23.5				hrs
Boiler Feed Pump #1 Run Time	23.5				
Boiler Feed Pump #2 Run Time	23.5				
Boiler Feed Pump #3 Run Time	23.5				hrs
Boiler Feed Pump #4 Run Time	23.5				hrs
Fuel Oil Pump #1 Run Time	0.0				hrs
Fuel Oil Pump #2 Run Time	23.5				hrs
	Boiler 1	Boiler 2	Boiler 3	Boiler 4	Units
Run Time	0.0	0.0	23.5	0.4	hrs
Steam Flow	0.00	0.00	328.80	0.00	klbs
Gas Flow	0.00	0.00	381.90	2.87	kscf
Natural Gas Cost	\$0.00	\$0.00	\$2,345.17	\$17.59	\$
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	\$2,345.17	\$17.59	S
Average Steam Cost			\$7.13	ψ17.55	\$/klbs
Efficiency By Losses	0.0	0.0	82.9	75.2	%
Efficiency By I/O			84.3	f 6.4	%

Mid-Atlantic Controls Corporation

Day Report

Heating Plant Day Operations Report

2/26/2020 7:00 AM Daily Report

Description

Description					
	Plant				
Heating Degree Days		12	2.28		hdd
Total Plant Steam Flow		30	9.42		klbs
Steam Flow Per Heating Degree Day		2	5.2		klbs/hdd
Total Condensate Return Water Flow		8	3.7		klbs
Total Plant Gas Flow		36	5.46		kscf
Total Plant Gas Cost		\$2,2	44.21		S
Total Plant Oil Flow		C	0.0		gals
Total Plant Oil Cost		\$0	0.00		\$
Total Plant Fuel Cost		\$2,2	44.21		S
Fuel Cost Per Heating Degree Day		\$18	12.73		\$/hdd
Plant Average Steam Cost Per Degree Day		\$0).59		\$/klbs
Total Plant Efficiency By I/O	82.9				
Condensate Transfer Pump #1 Run Time		2	3.5		hrs
Condensate Transfer Pump #2 Run Time	23.5				hrs
Condensate Transfer Pump #3 Run Time	23.5				hrs
Boiler Feed Pump #1 Run Time	23.5				hrs
Boiler Feed Pump #2 Run Time	23.5				hrs
Boiler Feed Pump #3 Run Time	23.5				hrs
Boiler Feed Pump #4 Run Time	23.5				hrs
Fuel Oil Pump #1 Run Time	0.0				hrs
Fuel Oil Pump #2 Run Time	23.5				hrs
	Boiler 1	Boiler 2	Boiler 3	Boiler 4	Units
Run Time	17.0	0.0	7.6	0.1	hrs
Steam Flow	204.72	0.00	104.70	0.00	klbs
Gas Flow	240.60	0.00	124.28	0.58	kscf
Natural Gas Cost	\$1,477.46	\$0.00	\$763.17	\$3.58	\$
Oil Flow	0.0	0.0	0.0	0.0	gals
Oil Cost	\$0.00	\$0.00	\$0.00	\$0.00	\$
Total Fuel Cost	\$1,477.46	\$0.00	\$763.17	\$3.58	S
Average Steam Cost	\$7.22		\$7.29	40.00	\$/klbs
Efficiency By Losses	81.4	0.0	78.4	0.0	%
Efficiency By I/O	83.3		82.5		%

Mid-Atlantic Controls Corporation

Day Report

Heating Plant Day Operations Report

2/27/2020 7:00 AM Daily Report

Description

Description					
	Plant				
Heating Degree Days		12.60			
Total Plant Steam Flow		311	8.47		klbs
Steam Flow Per Heating Degree Day		2:	5.3		klbs/hdc
Total Condensate Return Water Flow		9	.5		klbs
Total Plant Gas Flow		362	2.86		kscf
Total Plant Gas Cost		\$2,2	28.24		\$
Total Plant Oil Flow		0	.0		gals
Total Plant Oil Cost		\$0	.00		\$
Total Plant Fuel Cost		\$2,2	28.24		s
Fuel Cost Per Heating Degree Day		\$17	6.91		\$/hdd
Plant Average Steam Cost Per Degree Day		\$0	.56		\$/klbs
Total Plant Efficiency By I/O		8	5.9		%
Condensate Transfer Pump #1 Run Time		2'	3.5		hrs
Condensate Transfer Pump #2 Run Time	23.5				hrs
Condensate Transfer Pump #3 Run Time	23.5				hrs
Boiler Feed Pump #1 Run Time	23.5				hrs
Boiler Feed Pump #2 Run Time	23.5				hrs
Boiler Feed Pump #3 Run Time	23.5				hrs
Boiler Feed Pump #4 Run Time	23.5				hrs
Fuel Oil Pump #1 Run Time	0.0				hrs
Fuel Oil Pump #2 Run Time	23.5				hrs
	D-34	2 1 2			
Run Time	Boiler 1	Boiler 2	Boiler 3	Boiler 4	Units
	23.5	0.0	0.9	0.0	hrs
Steam Flow	317.92	0.00	0.55	0.00	klbs
Gas Flow	357.89	0.00	4.97	0.00	kscf
Natural Gas Cost	\$2,197.71	\$0.00	\$30.53	\$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	\$2,197.71	\$0.00	\$30.53	\$0.00	\$
Average Steam Cost	\$6.91	***	\$55.95		\$/klbs
Efficiency By Losses	81.3	0.0	76.9	0.0	%
Efficiency By I/O	87.0		10.7		%

Mid-Atlantic Controls Corporation

Day Report

Heating Plant Day Operations Report

2/28/2020 7:00 AM Daily Report

Description

Description	 				Units
	Plant				
Heating Degree Days			.13		hdd
Total Plant Steam Flow		363	3.39		klbs
Steam Flow Per Heating Degree Day		15	5.7		klbs/hd
Total Condensate Return Water Flow		9	.4		klbs
Total Plant Gas Flow		427	7.02		kscf
Total Plant Gas Cost		\$2,6	22.20	*****	\$
Total Plant Oil Flow		0	.0		gals
Total Plant Oil Cost		\$0	.00		\$
Total Plant Fuel Cost		\$2,6	22.20		\$
Fuel Cost Per Heating Degree Day		\$11	3.36		\$/hdd
Plant Average Steam Cost Per Degree Day		\$0	.31		\$/klbs
Total Plant Efficiency By I/O		83	3.3		%
Condensate Transfer Pump #1 Run Time		23	3.5		hrs
Condensate Transfer Pump #2 Run Time	23.5				hrs
Condensate Transfer Pump #3 Run Time	23.5				hrs
Boiler Feed Pump #1 Run Time	23.5				hrs
Boiler Feed Pump #2 Run Time	23.5				hrs
Boiler Feed Pump #3 Run Time	23.5				hrs
Boiler Feed Pump #4 Run Time	23.5				hrs
Fuel Oil Pump #1 Run Time	0.0				hrs
Fuel Oil Pump #2 Run Time	23.5				hrs
	Boiler 1	Boiler 2	Boiler 3	Boiler 4	Units
Run Time	23.4	1.4	2.1	0.0	hrs
Steam Flow	363.06	0.33	0.00	0.00	klbs
Gas Flow	405.81	12.83	8.38	0.00	kscf
Natural Gas Cost	\$2,491.96	\$78.81	\$51.43	\$0.00	\$
Oil Flow	0.0	0.0	0.0	0.0	gals
Oil Cost	\$0.00	\$0.00	\$0.00	\$0.00	
Fotal Fuel Cost	\$2,491.96	\$78.81	\$51.43	\$0.00	\$
Average Steam Cost	\$6.86	\$236,51	\$31.43	\$0.00	\$/klbs
Efficiency By Losses	81.2	74.3	79.2	0.0	%
Efficiency By I/O	87.6	2.5	13.2	0.0	%
Mid-Atlantic Controls Corporation	Day Report				Page 1 of

Mid-Atlantic Controls Corporation

Day Report

Heating Plant Day Operations Report

2/29/2020 7:00 AM Daily Report

Description

	Plant				
Heating Degree Days	26.73				hdd
Total Plant Steam Flow		355	5.50		klbs
Steam Flow Per Heating Degree Day		13	3.3		klbs/hdd
Total Condensate Return Water Flow		9	.9		klbs
Total Plant Gas Flow		447	.67		kscf
Total Plant Gas Cost		\$2,74	19.03		S
Total Plant Oil Flow		0	.0		gals
Total Plant Oil Cost		\$0	.00		\$
Total Plant Fuel Cost		\$2,74	19.03		\$
Fuel Cost Per Heating Degree Day		\$10	2.84		\$/hdd
Plant Average Steam Cost Per Degree Day		\$0	29		\$/klbs
Total Plant Efficiency By I/O		77	2.8		%
Condensate Transfer Pump #1 Run Time					
Condensate Transfer Pump #2 Run Time	23.5				hrs
Condensate Transfer Pump #3 Run Time	23.5				hrs
Boiler Feed Pump #1 Run Time	23.5				hrs
Boiler Feed Pump #2 Run Time	23.5				
Boiler Feed Pump #3 Run Time	23.5				hrs
Boiler Feed Pump #4 Run Time	23.5				hrs
Fuel Oil Pump #1 Run Time	23.5				hrs hrs
Fuel Oil Pump #2 Run Time	23.5				
T del Oil t dilip #2 Itali Tille		23	.5		hrs
	Boiler 1	Boiler 2	Boiler 3	Boiler 4	Units
Run Time	1.6	22.4	2.1	0.0	hrs
Steam Flow	21.47	334.02	0.00	0.00	klbs
Gas Flow	25.76	413.50	8.41	0.00	kscf
Natural Gas Cost	\$158.17	\$2,539.22	\$51.64	\$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	\$158.17	\$2,539.22	\$51.64	\$0.00	\$
Average Steam Cost	\$7.37	\$7.60		***	\$/klbs
Efficiency By Losses	75.7	79.8	77.0	0.0	%
Efficiency By I/O	81.6	79.1			%

Mid-Atlantic Controls Corporation

Day Report