Heating Plant Day Operations Report

1/1/2020 7:00 AM Daily Report

		Plant					
Heating Degree Days		19.	05		hdd		
Total Plant Steam Flow	324.04						
Steam Flow Per Heating Degree Day		17	.0		klbs/hc		
Total Condensate Return Water Flow		8.	9		klbs		
Total Plant Gas Flow		401	.43		kscf		
Total Plant Gas Cost		\$2,46	5.05		\$		
Total Plant Oil Flow		0.	0		gals		
Total Plant Oil Cost		\$0.	00		\$		
Total Plant Fuel Cost		\$2,46	5.05		\$		
Fuel Cost Per Heating Degree Day		\$129	9.42		\$/hdd		
Plant Average Steam Cost Per Degree Day		\$0.	40		\$/klbs		
Total Plant Efficiency By I/O	79.1						
Condensate Transfer Pum: #1 Run Time	23.5						
Condensate Transfer Pump #2 Run Time	23.5						
Condensate Transfer Pum #3 Run Time	23.5						
Boiler Feed Pump #1 Run Time	23.5						
Boiler Feed Pump #2 Run Time	23.5						
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	0.0	23.5	0.0	0.5	hrs		
Steam Flow	0.00	324.04	0.00	0.00	klbs		
Gas Flow	0.00	398.44	0.00	2.98	kscf		
Natural Gas Cost	\$0.00	\$2,446.73	\$0.00	\$18.32	\$		
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	\$2,446.73	\$0.00	\$18.32	\$		
Average Steam Cost		\$7.55			\$/klbs		
Efficiency By Losses	0.0	80.0	0.0	72.1	%		
Efficiency By I/O		79.6			%		

Heating Plant Day Operations Report

1/2/2020 7:00 AM Daily Report

		Pla	int		Units	
Heating Degree Days	23.19					
Total Plant Steam Flow		326	.36		klbs	
Steam Flow Per Heating Degree Day		14	.1		klbs/hd	
Total Condensate Return Water Flow		9.	1		klbs	
Total Plant Gas Flow		402	.52		kscf	
Total Plant Gas Cost		\$2,47	71.80		\$	
Total Plant Oil Flow		0.	0		gals	
Total Plant Oil Cost		\$0.	00		\$	
Total Plant Fuel Cost		\$2,47	71,80		\$	
Fuel Cost Per Heating Degree Day		\$100	5.60		\$/hdd	
Plant Average Steam Cost Per Degree Day		\$0.	33		\$/klbs	
Total Plant Efficiency By I/O	79.4					
Condensate Transfer Pump #1 Run Time	23.5					
Condensate Transfer Pump #2 Run Time	23.5					
Condensate Transfer Pump #3 Run Time	23.5					
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					
	Boiler 1	Boiler 2	Boiler 3	Boiler 4	Units	
Run Time	0.0	23.5	0.0	0.4	hrs	
Steam Flow	0.00	326,36	0.00	0.00	klbs	
Gas Flow	0.00	399.93	0.00	2.59	kscf	
Natural Gas Cost	\$0.00	\$2,455.88	\$0.00	\$15.92	\$	
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	\$0.00	\$2,455.88	\$0.00	\$15.92	\$	
Average Steam Cost	***	\$7.52		***	\$/klbs	
Efficiency By Losses	0.0	80.0	0.0	72.4	%	
Efficiency By I/O		79.9			%	

Heating Plant Day Operations Report

1/3/2020 7:00 AM Daily Report

		Units hdd klbs klbs/hdd klbs kscf \$ gals \$ \$/hdd \$/klbs			
		klbs klbs/hd klbs kscf \$ gals \$ \$ \$/hdd \$/klbs			
		klbs/hd klbs kscf \$ gals \$ \$ //hdd \$/klbs			
		klbs kscf \$ gals \$ \$ \$/hdd \$/klbs			
		kscf \$ gals \$ \$ \$/hdd \$/klbs			
		\$ gals \$ \$ \$ \$/hdd \$/klbs			
		gals \$ \$ \$/hdd \$/klbs			
		\$ \$ \$/hdd \$/klbs			
		\$ \$/hdd \$/klbs			
		\$/hdd \$/klbs			
		\$/klbs			
		%			
		1,0			
		hrs			
		hrs			
23.5					
23.5					
23.5					
		hrs			
		III			
	Boiler 4	Units			
.0	0.4	hrs			
00	0.00	klbs			
00	2.48	kscf			
.00	\$15.25	\$			
.0	0.0	gals			
.00	\$0.00	\$			
.00	\$15.25	\$			
-		\$/klbs			
.0	74.7	%			
		%			
)	iler 3 0.0 00 00 00 0.00 0.00 0.00 0.00	0.0 0.4 0.00 0.00 0.00 2.48 0.00 \$15.25 0.0 0.0 0.00 \$0.00 0.00 \$15.25			

Heating Plant Day Operations Report

1/4/2020 7:00 AM Daily Report

		Pla	ınt		Units	
Heating Degree Days		14	84		hdd	
Total Plant Steam Flow		300	.46		klbs	
Steam Flow Per Heating Degree Day		20	1.3		klbs/hd	
Total Condensate Return Water Flow		8	9		klbs	
Total Plant Gas Flow		374	.68		kscf	
Total Plant Gas Cost		\$2,30	00.80		\$	
Total Plant Oil Flow		0	0		gais	
Total Plant Oil Cost		\$0	00		\$	
Total Plant Fuel Cost		\$2,30	08.00		\$	
Fuel Cost Per Heating Degree Day		\$15	5.07		\$/hdd	
Plant Average Steam Cost Per Degree Day		\$0.	52		\$/klbs	
Total Plant Efficiency By I/O	78.5					
Condensate Transfer Pump #1 Run Time	<u> </u>	23	5	·	hrs	
Condensate Transfer Pump #2 Run Time	23.5					
Condensate Transfer Pump #3 Run Time	23.5					
Boiler Feed Pump #1 Run Time	23.5					
Boiler Feed Pump #2 Run Time	23.5					
Boiler Feed Pump #3 Run Time	23.5					
Boiler Feed Pump #4 Run Time		23			hrs hrs	
Fuel Oil Pump #1 Run Time		0		·····	hrs	
Fuel Oil Pump #2 Run Time	23.5					
	D-9-4	D-110	D-21	7.11.4	14.1 24	
	Boiler 1	Boiler 2	Boiler 3	Boiler 4	Units	
Run Time	0.0	23.5	0.0	0.4	hrs	
Steam Flow	0,00	300.46	0.00	0.00	klbs	
Gas Flow	0.00	372.09	0.00	2.59	kscf	
Natural Gas Cost	\$0.00	\$2,284.89	\$0.00	\$15.91	\$	
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	\$2,284.89	\$0.00	\$15.91	\$	
Average Steam Cost		\$7.60		***	\$/klbs	
Efficiency By Losses	0,0	80.1	0.0	81.7	%	
Efficiency By I/O Mid-Atlantic Controls Corporation		79.1 Pay Report			%	

Heating Plant Day Operations Report

1/5/2020 7:00 AM Daily Report

		Pla	int		Units	
Heating Degree Days	12.46					
Total Plant Steam Flow		298	3.30		klbs	
Steam Flow Per Heating Degree Day		23	.9		klbs/hd	
Total Condensate Return Water Flow		8	8		klbs	
Total Plant Gas Flow		373	.23		kscf	
Total Plant Gas Cost		\$2,29	1.94		\$	
Total Plant Oil Flow		0.	0		gals	
Total Plant Oil Cost		\$0.	00		\$	
Total Plant Fuel Cost		\$2,29	1.94		\$	
Fuel Cost Per Heating Degree Day		\$18	3.91		\$/hdd	
Plant Average Steam Cost Per Degree Day		\$0.	62		\$/klbs	
Total Plant Efficiency By I/O		78	1.3		%	
	:					
Condensate Transfer Pump #1 Run Time	23.5					
Condensate Transfer Pump #2 Run Time		23	.5		hrs	
Condensate Transfer Pump #3 Run Time	23.5					
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	
	Defined.	D. 3. 0	D 11 0		(4.5. **	
D. Time	Boiler 1	Boiler 2	Boiler 3	Boiler 4	Units	
Run Time	0.0	23.5	0.0	0.4	hrs	
Steam Flow	0.00	298.30	0.00	0.00	klbs	
Gas Flow	0.00	370.29	0.00	2.94	kscf	
Natural Gas Cost	\$0.00	\$2,273.88	\$0.00	\$18.06	\$	
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	\$2,273.88	\$0.00	\$18.06	\$	
Average Steam Cost		\$7.62		_	\$/klbs	
Efficiency By Losses	0.0	80.0	0.0	78.5	%	
Efficiency By I/O		78.9			%	

Heating Plant Day Operations Report

1/6/2020 7:00 AM Daily Report

Description	· · · · · · · · · · · · · · · · · · ·						
		Plant					
Heating Degree Days		25.	16		hdd		
Total Plant Steam Flow		342	.19		klbs		
Steam Flow Per Heating Degree Day		13	6.6		klbs/hd		
Total Condensate Return Water Flow		9.	2		klbs		
Total Plant Gas Flow		420	.69		kscf		
Total Plant Gas Cost		\$2,58	33.33		\$		
Total Plant Oil Flow		0.	0		gals		
Total Plant Oil Cost		\$0.	00		\$		
Total Plant Fuel Cost		\$2,58	33.33		\$		
Fuel Cost Per Heating Degree Day		\$10	2.66		\$/hdd		
Plant Average Steam Cost Per Degree Day		\$0	30		\$/klbs		
Total Plant Efficiency By I/O		79	.7		%		
Condensate Transfer Pump #1 Run Time	23.5						
Condensate Transfer Pump #2 Run Time		23	.5		hrs		
Condensate Transfer Pump #3 Run Time	23.5						
Boiler Feed Pump #1 Run Time	23.5						
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						
					100.00		
Bur Thur	Boiler 1	Boiler 2	Boiler 3	Boiler 4	Units		
Run Time	0.0	23.5	0.0	0.5	hrs		
Steam Flow	0.00	342.19	0.00	0.00	klbs		
Gas Flow	0.00	417.44	0.00	3.24	kscf		
Natural Gas Cost	\$0.00	\$2,563.42	\$0.00	\$19.91	\$		
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	\$2,563.42	\$0.00	\$19.91	\$\$		
Average Steam Cost		\$7.49	***		\$/klbs		
Efficiency By Losses	0.0	0.08	0.0	79.5	%		
Efficiency By I/O		80.3			%		

Heating Plant Day Operations Report

1/7/2020 7:00 AM Daily Report

		Pla	int		Units	
Heating Degree Days		22	.56		hdd	
Total Plant Steam Flow	346.29					
Steam Flow Per Heating Degree Day	15.3					
Total Condensate Return Water Flow			2		klbs	
Total Plant Gas Flow		430	0.06		kscf	
Total Plant Gas Cost		\$2,64	10.90		\$	
Total Plant Oil Flow		0.	0		gals	
Total Plant Oil Cost		\$0.	.00		\$	
Total Plant Fuel Cost		\$2.64	10.90		\$	
Fuel Cost Per Heating Degree Day		\$11	7.05		\$/hdd	
Plant Average Steam Cost Per Degree Day		\$0.	34		\$/klbs	
Total Plant Efficiency By I/O	78.9					
Condensate Transfer Pump #1 Run Time	23.5					
Condensate Transfer Pump #2 Run Time	23.5					
Condensate Transfer Pump #3 Run Time	23.5					
Boiler Feed Pump #1 Run Time	23.5					
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			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	0.2	23.5	0.0	0.5	hrs	
Steam Flow	0.00	346.29	0.00	0.00	klbs	
Gas Flow	0.99	425.78	0.00	3.29	kscf	
Natural Gas Cost	\$6.05	\$2,614.62	\$0.00	\$20.23	\$	
Oil Flow	0.0	0.0	0.0	0.0	gals	
Oil Cost	\$0.00	\$0.00	\$0.00	\$0.00	\$	
Total Fuel Cost	\$6.05	\$2,614.62	\$0.00	\$20.23	\$	
Average Steam Cost		\$7.55			\$/klbs	
Efficiency By Losses	0.0	80.1	0.0	77.6	%	
Efficiency By I/O		79.6			%	

Heating Plant Day Operations Report

1/8/2020 7:00 AM Daily Report

		Pla	int		Units		
Heating Degree Days		30.	32		hdd		
Total Plant Steam Flow		378.26					
Steam Flow Per Heating Degree Day		12	5		klbs/hd		
Total Condensate Return Water Flow		8.	4		klbs		
Total Plant Gas Flow		466	i.17		kscf		
Total Plant Gas Cost		\$2,86	52.63		\$		
Total Plant Oil Flow		0.	0		gals		
Total Plant Oil Cost		\$0.	00		\$		
Total Plant Fuel Cost		\$2,86	52.63		\$		
Fuel Cost Per Heating Degree Day		\$94	.40		\$/hdd		
Plant Average Steam Cost Per Degree Day		\$0.	25		\$/klbs		
Total Plant Efficiency By I/O	79.5						
Condensate Transfer Pump #1 Run Time		23	1.5		hrs		
Condensate Transfer Pump #2 Run Time	23.5						
Condensate Transfer Pump #3 Run Time	23.5						
Boiler Feed Pump #1 Run Time	23.5						
Boiler Feed Pump #2 Run Time	23.5						
Boiler Feed Pump #3 Run Time		23			hrs hrs		
Boiler Feed Pump #4 Run Time		23			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	0.5	23.5	0.0	0.6	hrs		
Steam Flow	0.00	378.25	0.00	0.01	klbs		
Gas Flow	5.04	457.36	0.00	3.77	kscf		
Natural Gas Cost	\$30.97	\$2,808.53	\$0.00	\$23.14	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	\$30.97	\$2,808.53	\$0.00	\$23.14	S		
Average Steam Cost		\$7.43		\$1,809.42	\$/klbs		
Efficiency By Losses	0.0	80.2	0.0	79.2	%		
Efficiency By I/O		81.0			%		

Heating Plant Day Operations Report

1/9/2020 7:00 AM Daily Report

	Plant						
Heating Degree Days		25.72					
Total Plant Steam Flow		362	2.55		klbs		
Steam Flow Per Heating Degree Day	14.1						
Total Condensate Return Water Flow		8	.3		klbs		
Total Plant Gas Flow		444	.90		kscf		
Total Plant Gas Cost		\$2,73	31.99		\$		
Total Plant Oil Flow		0	.0		gals		
Total Plant Oil Cost		\$0	.00		\$		
Total Plant Fuel Cost		\$2,73	31.99		\$		
Fuel Cost Per Heating Degree Day		\$10	6.24		\$/hdd		
Plant Average Steam Cost Per Degree Day		\$0	29		\$/klbs		
Total Plant Efficiency By I/O	79.8						
Condensate Transfer Pump #1 Run Time	23.5						
Condensate Transfer Pump #2 Run Time		23	3.5	are to the armin of	hrs		
Condensate Transfer Pump #3 Run Time	23.5						
Boiler Feed Pump #1 Run Time	23.5						
Boiler Feed Pump #2 Run Time	23.5						
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	23.5						
	Boiler 1	Boiler 2	Boiler 3	Boiler 4	Units		
Run Time	0.0	23.5	0.0	0.6	hrs		
Steam Flow	0.00	362.52	0.00	0.02	klbs		
Gas Flow	0.00	441.13	0.00	3.76	kscf		
Natural Gas Cost	\$0.00	\$2,708.90	\$0.00	\$23.09	\$		
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	\$2,708.90	\$0.00	\$23.09	\$		
Average Steam Cost		\$7.47		\$929.58	\$/klbs		
Efficiency By Losses	0.0	79.9	0.0	75.7	%		
Efficiency By I/O		80.5			%		
Mid-Atlantic Controls Corporation		ay Report			Page 1 o		

Heating Plant Day Operations Report

1/10/2020 7:00 AM Daily Report

Description		DI	ent		Units	
Hanking Danna Baya				.	hdd	
Heating Degree Days Total Plant Steam Flow	31.67 367.02					
					klbs	
Steam Flow Per Heating Degree Day Total Condensate Return Water Flow		 	.6		klbs/hd	
Total Plant Gas Flow			5		klbs	
Total Plant Gas Flow Total Plant Gas Cost		448			kscf	
		\$2,75			\$	
Total Plant Oil Flow		0.			gals	
Total Plant Oil Cost			.00		\$	
Total Plant Fuel Cost		\$2,75			\$	
Fuel Cost Per Heating Degree Day			6.98		\$/hdd	
Plant Average Steam Cost Per Degree Day			24		\$/klbs %	
Total Plant Efficiency By I/O	80.1					
Condensate Transfer Pump #1 Run Time	23.5					
Condensate Transfer Pump #2 Run Time		23	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	23.5					
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	23.5					
	Boiler 1	Boiler 2	Boiler 3	Boiler 4	Units	
Run Time	0.0	23.5	0.0	0.5	hrs	
Steam Flow	0.00	367.02	0.00	0.00	klbs	
Gas Flow	0.00	445.27	0.00	3.34	kscf	
Natural Gas Cost	\$0.00	\$2,734.31	\$0.00	\$20.48	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	\$0.00	\$2,734,31	\$0.00	\$20.48	\$	
Average Steam Cost		\$7.45	40.00	Ψ20.40	\$/klbs	
Efficiency By Losses	0.0	80.0	0.0	76.3	%	
Efficiency By I/O	0.0	80.7	0.0	10.3	%	
Mid-Atlantic Controls Corporation		Day Report			Page 1 of	

Heating Plant Day Operations Report

1/11/2020 7:00 AM Daily Report

		Pla	ınt		Units		
Heating Degree Days		20.	05		hdd		
Total Plant Steam Flow	310.10						
Steam Flow Per Heating Degree Day		15.5					
Total Condensate Return Water Flow		8	8		klbs		
Total Plant Gas Flow		382	.81		kscf		
Total Plant Gas Cost		\$2,35	50.75		\$		
Total Plant Oil Flow		0.	0		gals		
Total Plant Oil Cost		\$0	00		\$		
Total Plant Fuel Cost		\$2,35	50.75		\$		
Fuel Cost Per Heating Degree Day		\$11			\$/hdd		
Plant Average Steam Cost Per Degree Day		\$0.	38		\$/klbs		
Total Plant Efficiency By I/O	79.3						
Condensate Transfer Pump #1 Run Time		23	3.5		hrs		
Condensate Transfer Pump #2 Run Time	23.5						
Condensate Transfer Pump #3 Run Time	23.5						
Boiler Feed Pump #1 Run Time	23.5						
Boiler Feed Pump #2 Run Time	23.5						
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	23.5						
	Boiler 1	Boiler 2	Boiler 3	Boiler 4	Units		
Run Time	0.0	23.5	0.0	0.3	hrs		
Steam Flow	0.00	310.10	0.00	0.00	klbs		
Gas Flow	0.00	380.93	0.00	1.88	kscf		
Natural Gas Cost	\$0.00	\$2,339.21	\$0.00	\$11.53	\$		
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	\$2,339.21	\$0.00	\$11.53	\$		
Average Steam Cost	***	\$7.54	•••		\$/klbs		
Efficiency By Losses	0.0	80.0	0.0	81.6	%		
Efficiency By I/O		79.7			%		

Heating Plant Day Operations Report

1/12/2020 7:00 AM Daily Report

		Plant					
Heating Degree Days		3.4	47		hdd		
Total Plant Steam Flow		263.85					
Steam Flow Per Heating Degree Day		76	.1		klbs/hd		
Total Condensate Return Water Flow		8.	8		klbs		
Total Plant Gas Flow		330	.06		kscf		
Total Plant Gas Cost		\$2,02	26.83		\$		
Total Plant Oil Flow		0.	0		gals		
Total Plant Oil Cost		\$0.	00		\$		
Total Plant Fuel Cost		\$2,02	26.83		\$		
Fuel Cost Per Heating Degree Day		\$584	4.88		\$/hdd		
Plant Average Steam Cost Per Degree Day		\$2.	22		\$/klbs		
Total Plant Efficiency By I/O	78.3						
Condensate Transfer Pump #1 Run Time		22	5		hrs		
Condensate Transfer Pump #2 Run Time	23.5 23.5						
Condensate Transfer Pump #3 Run Time	23.5						
Boiler Feed Pump #1 Run Time	23.5						
Boiler Feed Pump #2 Run Time	23.5						
Boiler Feed Pump #3 Run Time	23.5						
Boiler Feed Pump #4 Run Time		23			hrs		
Fuel Oil Pump #1 Run Time		0.			hrs		
Fuel Oil Pump #2 Run Time		23			hrs		
1 dol off and the free free free free free free free fr					1113		
	Boiler 1	Boiler 2	Boiler 3	Boiler 4	Units		
Run Time	0.0	23.5	0.0	0.3	hrs		
Steam Flow	0.00	263.85	0.00	0.00	klbs		
Gas Flow	0.00	327.80	0.00	2.26	kscf		
Natural Gas Cost	\$0.00	\$2,012.93	\$0.00	\$13.89	\$		
Oil Flow	0.0	0.0	0.0	0.0	gals		
Oil Cost	\$0.00 \$0.00 \$0.00				\$		
Total Fuel Cost	\$0.00	\$2,012.93	\$0.00	\$13.89	\$		
Average Steam Cost		\$7.63			\$/klbs		
Efficiency By Losses	0.0	80.2	0.0	81.2	%		
Efficiency By I/O		78.8			%		

Heating Plant Day Operations Report

1/13/2020 7:00 AM Daily Report

Description						
	Plant					
Heating Degree Days		5.9	99		hdd	
Total Plant Steam Flow		267	.90		klbs	
Steam Flow Per Heating Degree Day		44	.7		klbs/hdd	
Total Condensate Return Water Flow		8.	6		klbs	
Total Plant Gas Flow		334	.75		kscf	
Total Plant Gas Cost		\$2,05	5.63		\$	
Total Plant Oil Flow		0.	0		gals	
Total Plant Oil Cost		\$0.	00		\$	
Total Plant Fuel Cost		\$2,05	55.63		\$	
Fuel Cost Per Heating Degree Day		\$34	3.03		\$/hdd	
Plant Average Steam Cost Per Degree Day		\$1.	28		\$/klbs	
Total Plant Efficiency By I/O		78	.4		%	
Condensate Transfer Pump #1 Run Time	1	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	10 4000	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	
T dot off and the train time					1110	
	Boiler 1	Boiler 2	Boiler 3	Boiler 4	Units	
Run Time	0.0	23.5	0.0	0.4	hrs	
Steam Flow	0.00	267.90	0.00	0.00	klbs	
Gas Flow	0.00	332.36	0.00	2.39	kscf	
Natural Gas Cost	\$0.00	\$2,040.95	\$0.00	\$14.67	\$	
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	\$2,040.95	\$0.00	\$14.67	\$	
Average Steam Cost		\$7.62		***	\$/klbs	
Efficiency By Losses	0.0	80.0	0.0	78.8	%	
Efficiency By I/O		78.9			%	
Mid-Atlantic Controls Corporation	E	ay Report		· · · · · · · · · · · · · · · · · · ·	Page 1 of	

Heating Plant Day Operations Report

1/14/2020 7:00 AM Daily Report

Description		. <u></u>			Units		
		Plant					
Heating Degree Days		10.60					
Total Plant Steam Flow		292	2.43		klbs		
Steam Flow Per Heating Degree Day		27	7.6		klbs/hd		
Total Condensate Return Water Flow		8	.5		klbs		
Total Plant Gas Flow		367	7.55		kscf		
Total Plant Gas Cost		\$2,25	57.06		\$		
Total Plant Oil Flow		0.	.0		gals		
Total Plant Oil Cost		\$0.	.00		\$		
Total Plant Fuel Cost		\$2,25	57.06		\$		
Fuel Cost Per Heating Degree Day		\$21:	2.92		\$/hdd		
Plant Average Steam Cost Per Degree Day		\$0	.73		\$/klbs		
Total Plant Efficiency By I/O		77	'.9	-	%		
Condensate Transfer Pump #1 Run Time		23	3.5		hrs		
Condensate Transfer Pump #2 Run Time		23			hrs		
Condensate Transfer Pump #3 Run Time	23.5						
Boiler Feed Pump #1 Run Time	23.5						
Boiler Feed Pump #2 Run Time	23.5						
Boiler Feed Pump #3 Run Time			1.5		hrs		
Boiler Feed Pump #4 Run Time		23			hrs		
Fuel Oil Pump #1 Run Time		0			hrs		
Fuel Oil Pump #2 Run Time		23			hrs		
Tadi di Faripi Zi Tari Tind					1113		
	Boiler 1	Boiler 2	Boiler 3	Boiler 4	Units		
Run Time	0.0	23,5	0.0	0.4	hrs		
Steam Flow	0.00	292.43	0.00	0.00	klbs		
Gas Flow	0.00	364.70	0.00	2.86	kscf		
Natural Gas Cost	\$0.00	\$2,239.52	\$0.00	\$17.54	\$		
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	\$2,239.52	\$0.00	\$17.54	\$		
Average Steam Cost	***	\$7.66			\$/klbs		
Efficiency By Losses	0.0	79.9	0.0	78.9	%		
Efficiency By I/O		78.5			%		
Mid-Atlantic Controls Corporation		Day Report			Page 1 of		

Heating Plant Day Operations Report

1/15/2020 7:00 AM Daily Report

Description						
		Pla	ant		Units	
Heating Degree Days		0,00				
Total Plant Steam Flow		324	1.76		klbs	
Steam Flow Per Heating Degree Day		-	-		klbs/hdd	
Total Condensate Return Water Flow		8	.7		klbs	
Total Plant Gas Flow		432	2.32		kscf	
Total Plant Gas Cost		\$2,65	54.76		\$	
Total Plant Oil Flow		0	.0		gals	
Total Plant Oil Cost		\$0	.00		\$	
Total Plant Fuel Cost		\$2,65	54.76		\$	
Fuel Cost Per Heating Degree Day		-	-		\$/hdd	
Plant Average Steam Cost Per Degree Day		•	•		\$/klbs	
Total Plant Efficiency By I/O		73	3.6		%	
Condensate Transfer Pump #1 Run Time		4	6		hrs	
Condensate Transfer Pump #1 Run Time Condensate Transfer Pump #2 Run Time	1.6					
Condensate Transfer Pump #2 Run Time Condensate Transfer Pump #3 Run Time		1.6 1.6				
Boiler Feed Pump #1 Run Time	-				hrs	
Boiler Feed Pump #2 Run Time	1.6					
Boiler Feed Pump #3 Run Time					hrs	
*	-1	1			hrs	
Boiler Feed Pump #4 Run Time		1			hrs	
Fuel Oil Pump #1 Run Time		0			hrs	
Fuel Oil Pump #2 Run Time	<u> </u>	1,	.6		hrs	
	Boiler 1	Boiler 2	Boiler 3	Boiler 4	Units	
Run Time	0.0	23.5	0.0	0.4	hrs	
Steam Flow	0.00	324.76	0.00	0.00	klbs	
Gas Flow	0.00	431.56	0.00	0.76	kscf	
Natural Gas Cost	\$0.00	\$2,650.09	\$0.00	\$4.66	\$	
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	\$2,650.09	\$0.00	\$4.66	\$	
Average Steam Cost		\$8.16			\$/klbs	
Efficiency By Losses	0.0	0.0	0.0	0.0	%	
Efficiency By I/O		73.7			%	
Mid-Atlantic Controls Corporation		ay Report			Page 1 of	
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Heating Plant Day Operations Report

1/16/2020 7:00 AM Daily Report

Description	<u> </u>				Units		
		Plant					
Heating Degree Days		76	.08	-	hdd		
Total Plant Steam Flow		298	3,06		klbs		
Steam Flow Per Heating Degree Day		3	9		klbs/hdd		
Total Condensate Return Water Flow		8	3		klbs		
Total Plant Gas Flow		381	.71		kscf		
Total Plant Gas Cost		\$2,34	13,96		\$		
Total Plant Oil Flow		0	0		gals		
Total Plant Oil Cost		\$0	00		\$		
Total Plant Fuel Cost		\$2,34	13.96		\$		
Fuel Cost Per Heating Degree Day		\$30).81		\$/hdd		
Plant Average Steam Cost Per Degree Day		\$0	10		\$/klbs		
Total Plant Efficiency By I/O	and the same of th	76	5.5		%		
Condensate Transfer Pump #1 Run Time		15	13		hrs		
Condensate Transfer Pump #2 Run Time	18.3 18.3						
Condensate Transfer Pump #3 Run Time	18.3						
Boiler Feed Pump #1 Run Time	18.3						
Boiler Feed Pump #2 Run Time					hrs		
Boiler Feed Pump #3 Run Time	18.3 18.3						
Boiler Feed Pump #4 Run Time			3.3		hrs		
Fuel Oil Pump #1 Run Time		0			hrs		
Fuel Oil Pump #2 Run Time			.2		hrs		
Table of Family #2 from Fifthe]	11115		
	Boiler 1	Boiler 2	Boiler 3	Boiler 4	Units		
Run Time	0.4	23.5	0.0	0.4	hrs		
Steam Flow	0.00	298,06	0.00	0.00	klbs		
Gas Flow	0.00	379.62	0.00	2.09	kscf		
Natural Gas Cost	\$0.00	\$2,331.14	\$0.00	\$12.82	\$		
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	\$2,331.14	\$0.00	\$12.82	\$		
Average Steam Cost	***	\$7.82	***		\$/klbs		
Efficiency By Losses	0.0	80.1	0.0	72.8	%		
Efficiency By I/O		76.9			%		
Mid-Atlantic Controls Corporation	C	ay Report		<u> </u>	Page 1 of		

Heating Plant Day Operations Report

1/17/2020 7:00 AM Daily Report

		Pla	int		Units
Heating Degree Days		16.	68		hdd
Total Plant Steam Flow		326	.72		klbs
Steam Flow Per Heating Degree Day		19	.6		klbs/hc
Total Condensate Return Water Flow		8.	4		klbs
Total Plant Gas Flow		404	.81		kscf
Total Plant Gas Cost		\$2,48	5.82		\$
Total Plant Oil Flow		0.	0		gals
Total Plant Oil Cost		\$0.	00		\$
Total Plant Fuel Cost		\$2,48	5.82		\$
Fuel Cost Per Heating Degree Day		\$149	9.02		\$/hdd
Plant Average Steam Cost Per Degree Day		\$0.	46		\$/klbs
Total Plant Efficiency By I/O		79	.0		%
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			hrs
Boiler Feed Pump #4 Run Time		23			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	0.0	23.5	0.0	0.6	hrs
Steam Flow	0.00	326.71	0.00	0.01	klbs
Gas Flow	0.00	401.04	0.00	3.76	kscf
Natural Gas Cost	\$0.00	\$2,462,72	\$0.00	\$23.10	\$
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	\$2,462.72	\$0.00	\$23.10	\$
Average Steam Cost		\$7.54		\$1,581.74	\$/klbs
Efficiency By Losses	0.0	79.9	0.0	73.8	%
Efficiency By I/O		79.8			%

Heating Plant Day Operations Report

1/18/2020 7:00 AM Daily Report

		Pla	int		Units
Heating Degree Days		30.	67		hdd
Total Plant Steam Flow		359	.16		klbs
Steam Flow Per Heating Degree Day		11	.7		klbs/hde
Total Condensate Return Water Flow		8.	2		kibs
Total Plant Gas Flow		441	.69		kscf
Total Plant Gas Cost		\$2,71	2.33		\$
Total Plant Oil Flow		0.	0		gals
Total Plant Oil Cost		\$0.	00		\$
Total Plant Fuel Cost		\$2,71	2.33		\$
Fuel Cost Per Heating Degree Day		\$88	.42		\$/hdd
Plant Average Steam Cost Per Degree Day		\$0.	25		\$/klbs
Total Plant Efficiency By I/O		79	.6		%
Condensate Transfer Pump #1 Run Time					
		23			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	.5		hrs
	Boiler 1	Boiler 2	Boiler 3	Boiler 4	Units
Run Time	0.0	23.5	0.0	0.6	hrs
Steam Flow	0.00	359.12	0.00	0.04	klbs
Gas Flow	0.00	437.78	0.00	3.92	kscf
Natural Gas Cost	\$0.00	\$2,688.27	\$0.00	\$24.06	\$
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	\$2,688.27	\$0.00	\$24.06	\$
Average Steam Cost	***	\$7.49	***	\$661.56	\$/klbs
Efficiency By Losses	0.0	79.9	0.0	74.6	%
Efficiency By I/O		80.3			%

Heating Plant Day Operations Report

1/19/2020 7:00 AM Daily Report

Description					
		Pla	W		Units
Heating Degree Days		30.			hdd
Total Plant Steam Flow		353			klbs
Steam Flow Per Heating Degree Day		11	.6		klbs/hd
Total Condensate Return Water Flow		8.	2		klbs
Total Plant Gas Flow		441	.60		kscf
Total Plant Gas Cost		\$2,71	1.76		\$
Total Plant Oil Flow		0.	0		gais
Total Plant Oil Cost		\$0.	00		\$
Total Plant Fuel Cost		\$2,71	1.76		\$
Fuel Cost Per Heating Degree Day		\$88	.57		\$/hdd
Plant Average Steam Cost Per Degree Day		\$0.	25		\$/klbs
Total Plant Efficiency By I/O		78	4		%
Condensate Transfer Pump #1 Run Time		23	6		hrs
Condensate Transfer Pump #2 Run Time		23			hrs
Condensate Transfer Pump #3 Run Time	-				hrs
Boiler Feed Pump #1 Run Time	23.5				
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			
ruei Oii Fump #2 Run Time			5.5]	hrs
	Boiler 1	Boiler 2	Boiler 3	Boiler 4	Units
Run Time	0.0	23.5	0.0	0.5	hrs
Steam Flow	0.00	353.64	0.00	0.01	klbs
Gas Flow	0.00	438.57	0.00	3.03	kscf
Natural Gas Cost	\$0.00	\$2,693.14	\$0.00	\$18.62	\$
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	\$2,693.14	\$0.00	\$18.62	\$
Average Steam Cost	_	\$7.62	-	\$1,697.98	\$/klbs
Efficiency By Losses	0.0	80.0	0.0	76.5	%
Efficiency By I/O		79.0			%

Heating Plant Day Operations Report

1/20/2020 7:00 AM Daily Report

Description					
			ant		Units
Heating Degree Days		25	.58		hdd
Total Plant Steam Flow		348	3.96		klbs
Steam Flow Per Heating Degree Day		13	3.6		klbs/hd
Total Condensate Return Water Flow		8	.0		klbs
Total Plant Gas Flow		449	9.89		kscf
Total Plant Gas Cost		\$2,76	52.67		\$
Total Plant Oil Flow		0	.0		gals
Total Plant Oil Cost		\$0	.00		\$
Total Plant Fuel Cost		\$2,76	32.67		\$
Fuel Cost Per Heating Degree Day		\$10	7.99		\$/hdd
Plant Average Steam Cost Per Degree Day		\$0	.31		\$/klbs
Total Plant Efficiency By I/O		76	3.0		%
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	23.5				
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			3.5		hrs
Fuel Oil Pump #1 Run Time			.0		hrs
Fuel Oil Pump #2 Run Time			3.5		hrs
					11113
	Boiler 1	Boiler 2	Boiler 3	Boiler 4	Units
Run Time	0.0	23.5	0.0	0.7	hrs
Steam Flow	0.00	348.94	0.00	0.02	klbs
Gas Flow	0.00	445 26	0.00	4.63	kscf
Natural Gas Cost	\$0.00	\$2,734.22	\$0.00	\$28.45	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	\$0.00	\$2,734.22	\$0.00	\$28.45	\$
Average Steam Cost	***	\$7.84	_	\$1,880.58	\$/klbs
Efficiency By Losses	0.0	79.8	0.0	78.8	%
Efficiency By I/O		76.7			%
Mid-Atlantic Controls Corporation		Day Report			Page 1 of
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Heating Plant Day Operations Report

1/21/2020 7:00 AM Daily Report

	Pla	int		Units
	49.	97		hdd
	368	.03		klbs
	7.	4		klbs/hdd
	8.	6		klbs
	476	.57		kscf
	\$2,92	26.50		\$
	0.	0		gals
	\$0.	00		\$
	\$2,92	26.50		\$
	\$58	.56		\$/hdd
	\$0.	16		\$/klbs
	75	.6		%
	9	5		hrs
				hrs
				hrs hrs
				hrs
Ballas 4	Bailes 2	Dailer 2	D-11 4	Units

				hrs
				klbs
				kscf
				\$
				gals
				\$
		\$0.00	*	\$
				\$/klbs
0.0		0.0		%
			3.0	% Page 1 of
	Boiler 1 0.0 0.00 0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	49. 368 7. 8. 476 \$2,92 0. 58 58 58	0.0 23.5 0.0 0.00 367.98 0.00 0.00 474.68 0.00 \$0.00 \$2,914.86 \$0.00 0.0 0.0 0.0 \$0.00 \$0.00 \$0.00 \$0.00 \$2,914.86 \$0.00 \$0.00 \$7.92 0.0 79.7 0.0 75.9	49.97 368.03 7.4 8.6 476.57 \$2,926.50 0.0 \$0.00 \$2,926.50 \$58.56 \$0.16 75.6 9.5 9.5 9.5 9.5 9.5 9.5 9.5 9.5 9.5 9.

Heating Plant Day Operations Report

1/22/2020 7:00 AM Daily Report

		Pl	ant		Units
Heating Degree Days		49	.97		hdd
Total Plant Steam Flow		402	2.69		klbs
Steam Flow Per Heating Degree Day		8	.1		klbs/hd
Total Condensate Return Water Flow		7	.9		klbs
Total Plant Gas Flow		508	3.18		kscf
Total Plant Gas Cost		\$3,1	20.59		\$
Total Plant Oil Flow		0	.0		gals
Total Plant Oil Cost		\$0	.00		\$
Total Plant Fuel Cost		\$3,1	20.59		S
Fuel Cost Per Heating Degree Day			2.44		\$/hdd
Plant Average Steam Cost Per Degree Day		\$0	.16		\$/klbs
Total Plant Efficiency By I/O		77	7.6		%
Condensate Transfer Pump #1 Run Time		23	3.5	t	hrs
Condensate Transfer Pump #2 Run Time			0.5		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	23.5				
	Boiler 1	Boiler 2	Boiler 3	Boiler 4	Units
Run Time	1.5	2.8	0.0	20.9	hrs
Steam Flow	0.00	55.30	0.00	347.38	klbs
Gas Flow	10.38	70.16	0.00	427.64	kscf
Natural Gas Cost	\$63.72	\$430.81	\$0.00	\$2,626.05	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	\$63.72	\$430.81	\$0.00	\$2,626.05	S
Average Steam Cost	****	\$7.79		\$7.56	\$/kibs
Efficiency By Losses	73.7	0.0	0.0	79.1	%
Efficiency By I/O		77.2		79.6	%

Heating Plant Day Operations Report

1/23/2020 7:00 AM **Daily Report**

Description

Description					
		Pl	алт		Units
Heating Degree Days		36	3.00		hdd
Total Plant Steam Flow		39:	2,65		klbs
Steam Flow Per Heating Degree Day		1(0.9		klbs/hdd
Total Condensate Return Water Flow		7	.6		klbs
Total Plant Gas Flow		49	0.15		kscf
Total Plant Gas Cost		\$3,0	09.91		\$
Total Plant Oil Flow		C	0.0		gals
Total Plant Oil Cost		\$0	.00		\$
Total Plant Fuel Cost		\$3,0	09.91		\$
Fuel Cost Per Heating Degree Day		\$8:	3.62		\$/hdd
Plant Average Steam Cost Per Degree Day		\$0	.21		\$/klbs
Total Plant Efficiency By I/O		78	3.4		%
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			1.0		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	0.0	23.5	hrs
Steam Flow	0.00	0.00	0.00	392.65	klbs
Gas Flow	4.33	0.00	0.00	485.82	kscf
Natural Gas Cost	\$26.59	\$0.00	\$0.00	\$2,983.32	\$
Oil Flow	0.0	0.0	0.0	0.0	gals
Oil Cost	\$0.00	\$0.00	\$0.00	\$0.00	\$
Total Fuel Cost	\$26.59	\$0.00	\$0.00	\$2,983.32	\$
Average Steam Cost				\$7.60	\$/klbs
Efficiency By Losses	76.2	0.0	0.0	79.1	%
Efficiency By I/O				79.1	%
Mid-Atlantic Controls Corporation	D	ay Report			Page 1 of

Mid-Atlantic Controls Corporation

Day Report

Page 1 of 1

Heating Plant Day Operations Report

1/24/2020 7:00 AM Daily Report

Description					
			ant		Units
Heating Degree Days		32	.60		hdd
Total Plant Steam Flow		380	0.06		klbs
Steam Flow Per Heating Degree Day		1	1.7		klbs/hd
Total Condensate Return Water Flow		8	3.0		klbs
Total Plant Gas Flow		463	3.46		kscf
Total Plant Gas Cost		\$2,8	46.02		\$
Total Plant Oil Flow		O	.0		gals
Total Plant Oil Cost		\$0	.00		\$
Total Plant Fuel Cost		\$2,8	46.02		\$
Fuel Cost Per Heating Degree Day		\$8	7.29		\$/hdd
Plant Average Steam Cost Per Degree Day		\$0	.23		\$/klbs
Total Plant Efficiency By I/O		81	0.3		%
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
Too on Tamp is 2 rear Time	!		5.0		11113
	Boiler 1	Boiler 2	Boiler 3	Boiler 4	Units
Run Time	0.6	0.0	0.0	23.5	hrs
Steam Flow	0.00	0.00	0.00	380.06	klbs
Gas Flow	2.91	0.00	0.00	460.55	kscf
Natural Gas Cost	\$17.89	\$0.00	\$0.00	\$2,828.12	\$
Oil Flow	0.0	0.0	0.0	0.0	gals
Oil Cost	\$0.00	\$0.00	\$0.00	\$0.00	\$
Total Fuel Cost	\$17.89	\$0.00	\$0.00	\$2,828.12	\$
Average Steam Cost		***	_	\$7.44	\$/klbs
Efficiency By Losses	79.1	0.0	0.0	79.3	%
Efficiency By I/O				80.8	%

Heating Plant Day Operations Report

1/25/2020 7:00 AM Daily Report

Description

Efficiency By I/O

Mid-Atlantic Controls Corporation

Description					
	Plant				
Heating Degree Days	18.23				
Total Plant Steam Flow		328	3.24		klbs
Steam Flow Per Heating Degree Day		18	3.0		klbs/hdd
Total Condensate Return Water Flow		8	.1		klbs
Total Plant Gas Flow		400	0.78		kscf
Total Plant Gas Cost		\$2,4	61.08		\$
Total Plant Oil Flow		0	0		gals
Total Plant Oil Cost		\$0	.00		\$
Total Plant Fuel Cost		\$2,4	61.08		\$
Fuel Cost Per Heating Degree Day		\$13	5.01		\$/hdd
Plant Average Steam Cost Per Degree Day		\$0	.41		\$/klbs
Total Plant Efficiency By I/O		80).2	,	%
Condensate Transfer Pump #1 Run Time		23	3.5		hrs
Condensate Transfer Pump #2 Run Time	23.5				
Condensate Transfer Pump #3 Run Time	23.5				
Boiler Feed Pump #1 Run Time	23.5				
Boiler Feed Pump #2 Run Time	23.5				
Boiler Feed Pump #3 Run Time	23.5				
Boiler Feed Pump #4 Run Time		23	3.5		hrs
Fuel Oil Pump #1 Run Time		0	.0	0.00-1-0.0	hrs
Fuel Oil Pump #2 Run Time	23.5				
	Boiler 1	Boiler 2	Boiler 3	Boiler 4	Units
Run Time	0.6	0.0	0.0	23.5	hrs
Steam Flow	0.00	0.00	0.00	328.24	klbs
Gas Flow	3.32	0.00	0.00	397.46	kscf
Natural Gas Cost	\$20.38	\$0.00	\$0.00	\$2,440.70	\$
Oil Flow	0.0	0.0	0.0	0.0	gals
Oil Cost	\$0.00	\$0.00	\$0.00	\$0.00	\$
Total Fuel Cost	\$20.38	\$0.00	\$0.00	\$2,440.70	\$
Average Steam Cost	***	***	_	\$7.44	\$/klbs
Efficiency By Losses	78.1	0.0	0.0	79.5	%

Day Report

80.9

%

Page 1 of 1

Heating Plant Day Operations Report

1/26/2020 7:00 AM Daily Report

	Plant				
Heating Degree Days	15.48				
Total Plant Steam Flow		326	5.03		klbs
Steam Flow Per Heating Degree Day		2	1.1		klbs/hd
Total Condensate Return Water Flow		8	.2		klbs
Total Plant Gas Flow		399	5.71		kscf
Total Plant Gas Cost		\$2,4	29.94		\$
Total Plant Oil Flow		0	.0		gals
Total Plant Oil Cost		\$0	.00		\$
Total Plant Fuel Cost		\$2,4	29.94		\$
Fuel Cost Per Heating Degree Day		\$15	6.94		\$/hdd
Plant Average Steam Cost Per Degree Day		\$0	.48		\$/klbs
Total Plant Efficiency By I/O		80).7		%
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	23.5				
Boiler Feed Pump #1 Run Time	23.5				
Boiler Feed Pump #2 Run Time	23.5				
Boiler Feed Pump #3 Run Time	23.5				
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	0.8	0.0	0.0	23.5	hrs
Steam Flow	0.00	0.00	0.00	326.03	klbs
Gas Flow	4.12	0.00	0.00	391.59	kscf
Natural Gas Cost	\$25.31	\$0.00	\$0.00	\$2,404.64	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	\$25.31	\$0.00	\$0.00	\$2,404.64	S
Average Steam Cost		•••	_	\$7.38	\$/klbs
Efficiency By Losses	76.5	0.0	0.0	79.3	%
Efficiency By I/O				81.5	%

Heating Plant Day Operations Report

1/27/2020 7:00 AM Daily Report

	Plant					
Heating Degree Days		23	.54		hdd	
Total Plant Steam Flow		347	7.33		klbs	
Steam Flow Per Heating Degree Day		14	4.8		klbs/hd	
Total Condensate Return Water Flow		8	.4		klbs	
Total Plant Gas Flow		42	1.32		kscf	
Total Plant Gas Cost		\$2,5	87.23		\$	
Total Plant Oil Flow		0	.0		gals	
Total Plant Oil Cost		\$0	.00		\$	
Total Plant Fuel Cost		\$2,5	87.23		\$	
Fuel Cost Per Heating Degree Day		\$10	9.91		\$/hdd	
Plant Average Steam Cost Per Degree Day		\$0	.32		\$/klbs	
Total Plant Efficiency By I/O		80	0.7		%	
					-	
Condensate Transfer Pump #1 Run Time	23.5					
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	23.5					
Boiler Feed Pump #3 Run Time	23.5					
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	23.5					
	Boiler 1	Boiler 2	Boiler 3	Boiler 4	Units	
Run Time	0.7	0.0	0.0	23.5	hrs	
Steam Flow	0.00	0.00	0.00	347.33	klbs	
Gas Flow	3.57	0.00	0.00	417.75	kscf	
Natural Gas Cost	\$21.92	\$0.00	\$0.00	\$2,565.32	\$	
Oil Flow	0.0 0.0 0.0 0.0					
Oil Cost	\$0.00	\$0.00	\$0.00	\$0.00	gals \$	
Fotal Fuel Cost	\$21.92	\$0.00	\$0.00	\$2,565.32	\$	
Average Steam Cost	- \$7.39					
Efficiency By Losses	79.9 0.0 0.0 79.3					
Efficiency By I/O	81.4					

Heating Plant Day Operations Report

1/28/2020 7:00 AM Daily Report

	Plant				
Heating Degree Days	24.59				
Total Plant Steam Flow		352	2.95		klbs
Steam Flow Per Heating Degree Day		14	1.4		klbs/hd
Total Condensate Return Water Flow		8	.5		klbs
Total Plant Gas Flow		430	0.03		kscf
Total Plant Gas Cost		\$2,6	40.71		\$
Total Plant Oil Flow		0	.0		gals
Total Plant Oil Cost		\$0	.00		\$
Total Plant Fuel Cost		\$2,6	40.71		\$
Fuel Cost Per Heating Degree Day		\$10	7.41		\$/hdd
Plant Average Steam Cost Per Degree Day		\$0	.30		\$/klbs
Total Plant Efficiency By I/O		80),4		%
Condensate Transfer Pump #1 Run Time		23	3.5	1	hrs
Condensate Transfer Pump #2 Run Time	23.5				
Condensate Transfer Pump #3 Run Time	23.5				
Boiler Feed Pump #1 Run Time	23,5				
Boiler Feed Pump #2 Run Time	23.5				
Boiler Feed Pump #3 Run Time	23.5				
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	23.5				
	Boiler 1	Boiler 2	Boiler 3	Boiler 4	Units
Run Time	0.7	0.0	0.0	23.5	hrs
Steam Flow	0.00	0.00	0.00	352.95	klbs
Gas Flow	3.57	0.00	0.00	426.46	kscf
Natural Gas Cost	\$21.91	\$0.00	\$0.00	\$2,618,80	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	\$21.91	\$0.00	\$0.00	\$2,618.80	S
Average Steam Cost				\$7.42	\$/klbs
Efficiency By Losses	72.7	0.0	0.0	79.4	%
Efficiency By I/O				81.0	%

Heating Plant Day Operations Report

1/29/2020 7:00 AM Daily Report

Description					
	Plant				
Heating Degree Days	26.54				hdd
Total Plant Steam Flow		360	0.61	,	klbs
Steam Flow Per Heating Degree Day		1;	3.6		klbs/hdd
Total Condensate Return Water Flow		8	.3		klbs
Total Plant Gas Flow		44(0.44		kscf
Total Plant Gas Cost		\$2,7	04.62		\$
Total Plant Oil Flow		0	.0		gals
Total Plant Oil Cost		\$0	.00		\$
Total Plant Fuel Cost		\$2,7	04.62		\$
Fuel Cost Per Heating Degree Day		\$10	1.90		\$/hdd
Plant Average Steam Cost Per Degree Day		\$0	.28		\$/klbs
Total Plant Efficiency By I/O	80.2				
Condensate Transfer Pump #1 Run Time			3.5	<u> </u>	hrs
Condensate Transfer Pump #2 Run Time	23.5				
Condensate Transfer Pump #3 Run Time	23.5				
Boiler Feed Pump #1 Run Time	23.5 23.5				
Boiler Feed Pump #2 Run Time					
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	0.0	23.5	hrs
Steam Flow	0.00	0.00	0.00	360.61	klbs
Gas Flow	4.21	0.00	0.00	436.23	kscf
Natural Gas Cost	\$25.85	\$0.00	\$0.00	\$2,678.77	\$
Oil Flow	0.0	0.0	0.0	0.0	gals
Oil Cost	\$0.00	\$0.00	\$0.00	\$0.00	\$
Total Fuel Cost	\$25.85	\$0.00	\$0.00	\$2,678.77	\$
Average Steam Cost		***	_	\$7,43	\$/klbs
Efficiency By Losses	74.1	0.0	0.0	79.2	%
Efficiency By I/O				81.0	%
Mid-Atlantic Controls Corporation	D	ay Report			Page 1 of

Heating Plant Day Operations Report

1/30/2020 7:00 AM Daily Report

Description					Units
	Plant				
Heating Degree Days		29.			hdd
Total Plant Steam Flow		374			klbs
Steam Flow Per Heating Degree Day		12			klbs/hd
Total Condensate Return Water Flow		7.			klbs
Total Plant Gas Flow		486			kscf
Total Plant Gas Cost		\$2,98			\$
Total Plant Oil Flow		0.			gals
Total Plant Oil Cost		\$0,	39		\$
Total Plant Fuel Cost		\$2,98	35.00		\$
Fuel Cost Per Heating Degree Day		\$10	2.25		\$/hdd
Plant Average Steam Cost Per Degree Day		\$0.	27		\$/klbs
Total Plant Efficiency By I/O		75	.5		%
Condensate Transfer Pump #1 Run Time		23	5	-	hrs
Condensate Transfer Pump #2 Run Time	23.5				
Condensate Transfer Pump #3 Run Time	23.5				
Boiler Feed Pump #1 Run Time	23.5				
Boiler Feed Pump #2 Run Time	23.5				
Boiler Feed Pump #3 Run Time	23.5				
Boiler Feed Pump #4 Run Time		23			hrs
Fuel Oil Pump #1 Run Time		0.			hrs
Fuel Oil Pump #2 Run Time		23			hrs
Tues on Fullip #2 Ituit Tune		20	.5		IIIIS
	Boiler 1	Boiler 2	Boiler 3	Boiler 4	Units
Run Time	0.8	19.3	2.6	6.0	hrs
Steam Flow	0.00	277.49	0.89	96.53	klbs
Gas Flow	3.89	349.90	13.80	118.44	kscf
Natural Gas Cost	\$23.87	\$2,148.67	\$84.75	\$727.32	\$
Oil Flow	0.0	0.1	0.0	0.0	gals
Oil Cost	\$0.00	\$0.39	\$0.00	\$0.00	\$
Total Fuel Cost	\$23.87	\$2,149.06	\$84.75	\$727.32	\$
Average Steam Cost		\$7.74	\$95.51	\$7.53	\$/klbs
Efficiency By Losses	78.0	79.9	80.8	74.3	%
Efficiency By I/O	77.7 6.3 79.8				

Heating Plant Day Operations Report

1/31/2020 7:00 AM Daily Report

	Plant				
Heating Degree Days		29.	32		hdd
Total Plant Steam Flow		374	.05		klbs
Steam Flow Per Heating Degree Day		12	.8		klbs/hd
Total Condensate Return Water Flow		8.	3		klbs
Total Plant Gas Flow		481	.08		kscf
Total Plant Gas Cost		\$2,95	4.19		\$
Total Plant Oil Flow		0.	0		gals
Total Plant Oil Cost		\$0.	00		\$
Total Plant Fuel Cost		\$2,95	54.19		\$
Fuel Cost Per Heating Degree Day		\$10	0.77		\$/hdd
Plant Average Steam Cost Per Degree Day		\$0.	27		\$/klbs
Total Plant Efficiency By I/O	**************************************	76	.1		%
Condensate Transfer Pump #1 Run Time		23	5		hrs
Condensate Transfer Pump #2 Run Time	23.5				
Condensate Transfer Pump #3 Run Time	23.5				
Boiler Feed Pump #1 Run Time	23.5				
Boiler Feed Pump #2 Run Time	23.5				
Boiler Feed Pump #3 Run Time	23.5				
Boiler Feed Pump #4 Run Time		23			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	23.5	0.8	0.4	hrs
Steam Flow	0.00	374.05	0.00	0.00	klbs
Gas Flow	3.77	471.38	3.06	2.86	kscf
Natural Gas Cost	\$23.16	\$2,894.64	\$18.82	\$17.57	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	\$23.16	\$2.894.64	\$18.82	\$17.57	S
Average Steam Cost	-	\$7.74	_		\$/klbs
Efficiency By Losses	77.5	79.8	75.5	81.0	%
Efficiency By I/O	77.7				