Heating Plant Day Operations Report

4/1/2018 7:00 AM Daily Report

	Plant						
Heating Degree Days		15.99					
Total Plant Steam Flow		25	5.08		klbs		
Steam Flow Per Heating Degree Day		1	6.0		klbs/hdd		
Total Condensate Return Water Flow			5.4		klbs		
Total Plant Gas Flow		30	5.73		kscf		
Total Plant Gas Cost		\$1,8	77.44		\$		
Total Plant Oil Flow		(0.0		gals		
Total Plant Oil Cost		\$0	0.00		\$		
Total Plant Fuel Cost		\$1,8	77.44		\$		
Fuel Cost Per Heating Degree Day		\$11	17.43		\$/hdd		
Plant Average Steam Cost Per Degree Day		\$0).46		\$/klbs		
Total Plant Efficiency By I/O		\$0.46 81.7					
Condensate Transfer Pump #1 Run Time		23.5					
Condensate Transfer Pump #2 Run Time		(0.0		hrs		
Condensate Transfer Pump #3 Run Time		1:	2.7		hrs		
Boiler Feed Pump #1 Run Time	0.0						
Boiler Feed Pump #2 Run Time).0		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		hrs		
Fuel Oil Pump #2 Run Time		(0.0		hrs		
	Boiler 1	Boiler 2	Boiler 3	Boiler 4	Units		
Run Time	19.2	0.0	23.5	0.0	hrs		
Steam Flow	96.09	0.00	158.99	0.00	klbs		
Gas Flow	123.92	0.00	181.81	0.00	kscf		
Natural Gas Cost	\$760.99	\$0.00	\$1,116.45	\$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	\$760.99	\$0.00	\$1,116.45	\$0.00	S		
Average Steam Cost	\$7.92		\$7.02	-	\$/klbs		
Efficiency By Losses	0.0	0.0	82.8	0.0	%		
Efficiency By I/O	75.9		85.6		%		

Heating Plant Day Operations Report

4/2/2018 7:00 AM Daily Report

		Plant					
Heating Degree Days		8.68					
Total Plant Steam Flow		236	5.84		klbs		
Steam Flow Per Heating Degree Day		2	7.3		klbs/hdc		
Total Condensate Return Water Flow		4	.8		klbs		
Total Plant Gas Flow		289	9.45		kscf		
Total Plant Gas Cost		\$1,7	77.47		\$		
Total Plant Oil Flow		0	0.0		gals		
Total Plant Oil Cost		\$0	.00		\$		
Total Plant Fuel Cost		\$1,7	77,47		\$		
Fuel Cost Per Heating Degree Day		\$20	4.75		\$/hdd		
Plant Average Steam Cost Per Degree Day		\$0	.86		\$/klbs		
Total Plant Efficiency By I/O		. 80	0.1		%		
Condensate Transfer Pump #1 Run Time		23.5					
Condensate Transfer Pump #2 Run Time	PT-00-01-01-01-01-01-01-01-01-01-01-01-01-		0.0		hrs		
Condensate Transfer Pump #3 Run Time			2.6		hrs		
Boiler Feed Pump #1 Run Time		0	0.0		hrs		
Boiler Feed Pump #2 Run Time			0.0		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			9.0		hrs		
	Boiler 1	Boiler 2	Boiler 3	Boiler 4	Units		
Run Time	23.5	0.0	23.5	0.0	hrs		
Steam Flow	121.32	0.00	115.53	0.00	klbs		
Gas Flow	151.85	0.00	137.60	0.00	kscf		
Natural Gas Cost	\$932.50	\$0.00	\$844.96	\$0.00	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	\$932.50	\$0.00	\$844.96	\$0.00	S		
Average Steam Cost	\$7.69	_	\$7.31		\$/klbs		
Efficiency By Losses	0.0	0.0	82.5	0.0	%		
Efficiency By I/O	78.2		82.2	<u> </u>	%		

Heating Plant Day Operations Report

4/3/2018 7:00 AM Daily Report

Description

Description						
		Plant				
Heating Degree Days		12	2.72		hdd	
Total Plant Steam Flow		26	3.89		klbs	
Steam Flow Per Heating Degree Day		2	0.7		klbs/hdd	
Total Condensate Return Water Flow		5	i.1		klbs	
Total Plant Gas Flow		31	6.43		kscf	
Total Plant Gas Cost		\$1,9	43.09		\$	
Total Plant Oil Flow		0	1.0		gals	
Total Plant Oil Cost		\$0	0.00		\$	
Total Plant Fuel Cost		\$1,9	43.09		\$	
Fuel Cost Per Heating Degree Day		\$15	2.77		\$/hdd	
Plant Average Steam Cost Per Degree Day		\$0	0.58		\$/klbs	
Total Plant Efficiency By I/O		8	1.7		%	
Condensate Transfer Pump #1 Run Time		2	3.5		hrs	
Condensate Transfer Pump #2 Run Time			0.0		hrs	
Condensate Transfer Pump #3 Run Time			7.0		hrs	
Boiler Feed Pump #1 Run Time	0.0					
Boiler Feed Pump #2 Run Time			0.0		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			0.0		hrs	
	!				1113	
	Boiler 1	Boiler 2	Boiler 3	Boiler 4	Units	
Run Time	23.5	0.0	23.5	0.0	hrs	
Steam Flow	121.95	0,00	141.94	0.00	klbs	
Gas Flow	151.82	0.00	164.60	0.00	kscf	
Natural Gas Cost	\$932.30	\$0.00	\$1,010.79	\$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	\$932.30	\$0.00	\$1,010.79	\$0.00	\$	
Average Steam Cost	\$7.65		\$7.12		\$/klbs	
Efficiency By Losses	0.0	0.0	82.7	0.0	%	
Efficiency By I/O	78.7		84.4		%	
Mid-Atlantic Controls Corporation	D	ay Report			Page 1 of	

Day Report

Heating Plant Day Operations Report

4/4/2018 7:00 AM **Daily Report**

Description

Description						
		Plant				
Heating Degree Days		10).47		hdd	
Total Plant Steam Flow		22	9.73		klbs	
Steam Flow Per Heating Degree Day		2	1.9	**************************************	klbs/hde	
Total Condensate Return Water Flow		5	i.5		klbs	
Total Plant Gas Flow		28	7.81		kscf	
Total Plant Gas Cost		\$1,7	67.35		\$	
Total Plant Oil Flow		C	0.0		gals	
Total Plant Oil Cost		\$0	.00		\$	
Total Plant Fuel Cost		\$1,7	67.35		S	
Fuel Cost Per Heating Degree Day		\$16	8.84		\$/hdd	
Plant Average Steam Cost Per Degree Day		\$0	.73		\$/klbs	
Total Plant Efficiency By I/O		7(3.2		%	
Condensate Transfer Pump #1 Run Time			3.5			
Condensate Transfer Pump #2 Run Time		4-11-4-4-4-4-4-4-4-4-4-4-4-4-4-4-4-4-4-			hrs	
Condensate Transfer Pump #3 Run Time			.0		hrs	
Boiler Feed Pump #1 Run Time			3.5		hrs	
Boiler Feed Pump #2 Run Time			.0		hrs	
Boiler Feed Pump #3 Run Time			.0		hrs	
Boiler Feed Pump #4 Run Time			3.5		hrs	
Fuel Oil Pump #1 Run Time			3.5		hrs	
Fuel Oil Pump #2 Run Time			.0		hrs	
t dei Oil t drip #2 (dil time			.0		hrs	
	Boiler 1	Boiler 2	Boiler 3	Boiler 4	Units	
Run Time	23.5	0.0	18.1	0.0	hrs	
Steam Flow	122.45	0.00	107.27	0.00	klbs	
Gas Flow	152.10	0.00	135.71	0.00	kscf	
Natural Gas Cost	\$934.00	\$0.00	\$833.35	\$0.00	\$	
Oil Flow	0.0	0.0	0.0	0.0	gals	
Dil Cost	\$0.00	\$0.00	\$0.00	\$0.00	\$	
Total Fuel Cost	\$934.00	\$0.00	\$833.35	\$0.00	S	
Average Steam Cost	\$7.63		\$7.77		\$/klbs	
Efficiency By Losses	0.0	0.0	81.2	0.0	%	
Efficiency By I/O	78.8		77.4		%	
Mid-Atlantic Controls Corporation		ay Report			Page 1 of 1	

Day Report

Heating Plant Day Operations Report

4/5/2018 7:00 AM Daily Report

	Plant						
Heating Degree Days			.97		hdd		
Total Plant Steam Flow		23	6.81		klbs		
Steam Flow Per Heating Degree Day		5	9.7		klbs/hde		
Total Condensate Return Water Flow		4	1.5		klbs		
Total Plant Gas Flow		30	9.90	00.5030 500	kscf		
Total Plant Gas Cost		\$1,9	03.02		\$		
Total Plant Oil Flow		(0.0		gals		
Total Plant Oil Cost		\$(0.00		\$		
Total Plant Fuel Cost		\$1,9	03.02		\$		
Fuel Cost Per Heating Degree Day		\$47	79.48		\$/hdd		
Plant Average Steam Cost Per Degree Day		\$2	2.02		\$/klbs		
Total Plant Efficiency By I/O		7	4.8		%		
Condensate Transfer Pump #1 Run Time	<u> </u>	23.5					
Condensate Transfer Pump #2 Run Time			0.0		hrs		
Condensate Transfer Pump #3 Run Time			3.5		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			3.5		hrs		
Boiler Feed Pump #4 Run Time			3.5		hrs		
Fuel Oil Pump #1 Run Time					hrs		
Fuel Oil Pump #2 Run Time	0.0						
ruei Oii Punip #2 Ruii Time			J.U		hrs		
1.000	Boiler 1	Boiler 2	Boiler 3	Boiler 4	Units		
Run Time	5.3	0.0	17.9	17.7	hrs		
Steam Flow	26.42	0.00	126.98	83.41	klbs		
Gas Flow	34.21	0.00	164.28	111.41	kscf		
Natural Gas Cost	\$210.05	\$0.00	\$1,008.80	\$684.17	\$		
Oil Flow	0.0	0.0	0.0	0.0	gals		
Oil Cost	\$0.00	\$0.00	\$0.00	\$0.00	\$		
Total Fuel Cost	\$210.05	\$0.00	\$1,008.80	\$684.17	\$		
Average Steam Cost	\$7.95		\$7.94	\$8.20	\$/klbs		
Efficiency By Losses	0.0	0.0	81.5	81.0	%		
Efficiency By I/O	75.6		75.7	73.3	%		

Heating Plant Day Operations Report

4/6/2018 7:00 AM Daily Report

	Plant				
Heating Degree Days		19).32		hdd
Total Plant Steam Flow		25	8.72		klbs
Steam Flow Per Heating Degree Day		1	3.4		klbs/hdd
Total Condensate Return Water Flow		3	3.8		klbs
Total Plant Gas Flow		30	3.82		kscf
Total Plant Gas Cost		\$1,8	65.67		\$
Total Plant Oil Flow		().0		gals
Total Plant Oil Cost		\$0	0.00		\$
Total Plant Fuel Cost	N	\$1,8	65.67		S
Fuel Cost Per Heating Degree Day		\$9	6.56		\$/hdd
Plant Average Steam Cost Per Degree Day		\$0).37		\$/klbs
Total Plant Efficiency By I/O		8	3.4		%
Condensate Transfer Pump #1 Run Time		2	3.5		hrs
Condensate Transfer Pump #2 Run Time			7.2		hrs
Condensate Transfer Pump #3 Run Time			7.5		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	1-1		0.0		hrs
	Boiler 1	Boiler 2	Boiler 3	Boiler 4	Units
Run Time	0.0	0.0	22.1	0.2	hrs
Steam Flow	0.00	0.00	258.72	0.00	klbs
Gas Flow	0.00	0.00	302.69	1.13	kscf
Natural Gas Cost	\$0.00	\$0.00	\$1,858.74	\$6.94	\$
Oil Flow	0.0	0.0	0.0	0.0	gals
Oil Cost	\$0.00	\$0.00	\$0.00	\$0.00	\$
Total Fuel Cost	\$0.00	\$0.00	\$1,858,74	\$6.94	\$
Average Steam Cost	_	***	\$7.18	***	\$/klbs
Efficiency By Losses	0.0	0.0	82.1	77.2	%
Efficiency By I/O			83.7		%

Heating Plant Day Operations Report

4/7/2018 7:00 AM Daily Report

Description							
	Plant						
Heating Degree Days		9	.50		hdd		
Total Plant Steam Flow		22	0.97		klbs		
Steam Flow Per Heating Degree Day		2	3.3		klbs/hdc		
Total Condensate Return Water Flow		3	3.5		klbs		
Total Plant Gas Flow		28	5.83		kscf		
Total Plant Gas Cost		\$1,7	55.23		\$		
Total Plant Oil Flow		(0.0		gals		
Total Plant Oil Cost		\$0	0.00		\$		
Total Plant Fuel Cost		\$1,7	55.23		\$		
Fuel Cost Per Heating Degree Day		\$18	34.80		\$/hdd		
Plant Average Steam Cost Per Degree Day		\$0	0.84		\$/klbs		
Total Plant Efficiency By I/O		7	5.7		%		
Condensate Transfer Pump #1 Run Time		23.5					
Condensate Transfer Pump #2 Run Time			3.5		hrs		
Condensate Transfer Pump #3 Run Time			0.0		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			0.0		hrs		
· · · · · · · · · · · · · · · · · · ·	Boiler 1	Boiler 2	Boiler 3	Boiler 4	Units		
Run Time	0.0	0.0	21.2	5.5	hrs		
Steam Flow	0.00	0.00	213.54	7.44	klbs		
Gas Flow	0.00	0.00	254.21	31.63	kscf		
Natural Gas Cost	\$0.00	\$0.00	\$1,561.02	\$194.22	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	\$0.00	\$1,561.02	\$194.22	S		
Average Steam Cost	-		\$7.31	\$26.12	\$/klbs		
Efficiency By Losses	0.0	0.0	81.9	77.6	%		
Efficiency By I/O			82.3	23.0	%		

Heating Plant Day Operations Report

4/8/2018 7:00 AM Daily Report

	Plant						
Heating Degree Days		35	5.82		hdd		
Total Plant Steam Flow		28	9.82		klbs		
Steam Flow Per Heating Degree Day		3	3.1		klbs/hd		
Total Condensate Return Water Flow		3	3.4		klbs		
Total Plant Gas Flow		34	3.84		kscf		
Total Plant Gas Cost	L. Detterminister Albania	\$2,1	11.41		\$		
Total Plant Oil Flow		(0.0		gals		
Total Plant Oil Cost		\$0	0.00		\$		
Total Plant Fuel Cost		\$2,1	11.41		\$		
Fuel Cost Per Heating Degree Day		\$5	8.95		\$/hdd		
Plant Average Steam Cost Per Degree Day		\$0	0.20		\$/klbs		
Total Plant Efficiency By I/O		8	2.5		%		
Condensate Transfer Pump #1 Run Time		23.4					
Condensate Transfer Pump #2 Run Time		2	3.4		hrs		
Condensate Transfer Pump #3 Run Time		(0.0		hrs		
Boiler Feed Pump #1 Run Time	23.4						
Boiler Feed Pump #2 Run Time		2	3.4		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	0.0	0.0	23.0	0.0	hrs		
Steam Flow	0.00	0.00	289.82	0.00	klbs		
Gas Flow	0.00	0.00	343.84	0.00	kscf		
Natural Gas Cost	\$0.00	\$0.00	\$2,111.41	\$0.00	\$		
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	\$0.00	\$2,111.41	\$0.00	S		
Average Steam Cost		_	\$7.29	***	\$/klbs		
Efficiency By Losses	0.0	0.0	82.4	0.0	%		
Efficiency By I/O			82.5		%		

Heating Plant Day Operations Report

4/9/2018 7:00 AM Daily Report

	Plant						
Heating Degree Days		24	.56		hdd		
Total Plant Steam Flow		27	1.36		klbs		
Steam Flow Per Heating Degree Day		1	1.1		klbs/hd		
Total Condensate Return Water Flow		4	1.0		klbs		
Total Plant Gas Flow		32	6.24		kscf		
Total Plant Gas Cost		\$2,0	03.34		\$		
Total Plant Oil Flow		C	0.0		gals		
Total Plant Oil Cost		\$0).00		\$		
Total Plant Fuel Cost		\$2,0	03.34		\$		
Fuel Cost Per Heating Degree Day		\$8	1.58		\$/hdd		
Plant Average Steam Cost Per Degree Day		\$C	0.30		\$/klbs		
Total Plant Efficiency By I/O		8	1.5		%		
Condensate Transfer Pump #1 Run Time		23.5					
Condensate Transfer Pump #2 Run Time		2	3.5		hrs		
Condensate Transfer Pump #3 Run Time		0).0		hrs		
Boiler Feed Pump #1 Run Time		2	3.5		hrs		
Boiler Feed Pump #2 Run Time		2	3.5		hrs		
Boiler Feed Pump #3 Run Time		C	0.0		hrs		
Boiler Feed Pump #4 Run Time).0		hrs		
Fuel Oil Pump #1 Run Time		C	0.0		hrs		
Fuel Oil Pump #2 Run Time		0	0.0		hrs		
	Boiler 1	Boiler 2	Boiler 3	Boiler 4	Units		
Run Time	0.0	0.0	22.8	0.0	hrs		
Steam Flow	0.00	0.00	271.36	0.00	klbs		
Gas Flow	0.00	0.00	326.24	0.00	kscf		
Natural Gas Cost	\$0.00	\$0.00	\$2,003.34	\$0.00	\$		
Oil Flow	0.0	0.0	0.0	0.0	galş		
Oil Cost	\$0.00	\$0.00	\$0.00	\$0.00	\$		
Total Fuel Cost	\$0.00	\$0.00	\$2,003.34	\$0.00	\$		
Average Steam Cost	•••	***	\$7.38		\$/klbs		
Efficiency By Losses	0.0	0.0	82.3	0.0	%		
Efficiency By I/O			81.5		%		

Heating Plant Day Operations Report

4/10/2018 8:01 AM Daily Report

	Plant					
Heating Degree Days		0,0	00		hdd	
Total Plant Steam Flow		7.	36		kibs	
Steam Flow Per Heating Degree Day		•	••		klbs/hd	
Total Condensate Return Water Flow		0	.1		kibs	
Total Plant Gas Flow		9.	61		kscf	
Total Plant Gas Cost		\$59	0.03		\$	
Total Plant Oil Flow		0	.0		gals	
Total Plant Oil Cost		\$0	.00		\$	
Total Plant Fuel Cost		\$59	9.03		\$	
Fuel Cost Per Heating Degree Day		-	-		\$/hdd	
Plant Average Steam Cost Per Degree Day	**************************************					
Total Plant Efficiency By I/O		75.0				
	<u>'</u>					
Condensate Transfer Pump #1 Run Time		0.5				
Condensate Transfer Pump #2 Run Time		0	.5		hrs	
Condensate Transfer Pump #3 Run Time		0	.0		hrs	
Boiler Feed Pump #1 Run Time		0	.5		hrs	
Boiler Feed Pump #2 Run Time		0	.5		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	0.0	0.5	0.0	0.5	hrs	
Steam Flow	0.00	1,68	0.00	5.68	klbs	
Gas Flow	0.00	2,60	0.00	7.01	kscf	
Natural Gas Cost	\$0.00	\$15.98	\$0.00	\$43.05	\$	
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	\$15.98	\$0.00	\$43.05	\$	
Average Steam Cost		\$9.52	***	\$7.57	\$/klbs	
Efficiency By Losses	0.0	0.0	0.0	81.4	%	
Efficiency By I/O		63.1		79.4	%	

Heating Plant Day Operations Report

4/11/2018 7:00 AM Daily Report

		Pla	Plant					
Heating Degree Days	16.61							
Total Plant Steam Flow		229	9.34		klbs			
Steam Flow Per Heating Degree Day		13	3.8		klbs/hd			
Total Condensate Return Water Flow		3	.9		klbs			
Total Plant Gas Flow		300).37		kscf			
Total Plant Gas Cost		\$1,84	14.48		\$			
Total Plant Oil Flow		0	.0		gals			
Total Plant Oil Cost		\$0	.00		\$			
Total Plant Fuel Cost		\$1,84	14.48		\$			
Fuel Cost Per Heating Degree Day		\$11	1.02		\$/hdd			
Plant Average Steam Cost Per Degree Day		\$0	.48		\$/klbs			
Total Plant Efficiency By I/O		\$0.48 74.8						
Condensate Transfer Pump #1 Run Time		\$111.02 \$0.48 74.8 23.5 23.5 0.0 23.5 23.5						
Condensate Transfer Pump #2 Run Time					hrs hrs			
Condensate Transfer Pump #3 Run Time					hrs			
Boiler Feed Pump #1 Run Time								
Boiler Feed Pump #2 Run Time					hrs			
Boiler Feed Pump #3 Run Time					hrs			
Boiler Feed Pump #4 Run Time		-	.0		hrs			
Fuel Oil Pump #1 Run Time			.0		hrs			
Fuel Oil Pump #2 Run Time			.0		hrs			
				1				
	Boiler 1	Boiler 2	Boiler 3	Boiler 4	Units			
Run Time	0.0	12.8	0.0	17.8	hrs			
Steam Flow	0.00	41.72	0.00	187.62	klbs			
Gas Flow	0.00	63.81	0.00	236.55	kscf			
Natural Gas Cost	\$0.00	\$391.86	\$0.00	\$1,452.61	\$			
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	\$391.86	\$0.00	\$1,452.61	\$			
Average Steam Cost		\$9.39		\$7.74	\$/klbs			
Efficiency By Losses	0.0	0.0	0.0	80.8	%			
Efficiency By I/O		64.0		77.7	%			

Heating Plant Day Operations Report

4/12/2018 8:01 AM Daily Report

		Pla	ant		Units
Heating Degree Days		0.	00		hdd
Total Plant Steam Flow		6.	24		klbs
Steam Flow Per Heating Degree Day			-		klbs/hd
Total Condensate Return Water Flow		0	.0		klbs
Total Plant Gas Flow		7.	89		kscf
Total Plant Gas Cost		\$48	3.48		\$
Total Plant Oil Flow		0	.0		gals
Total Plant Oil Cost		\$0	.00		\$
Total Plant Fuel Cost		\$48	3.48		\$
Fuel Cost Per Heating Degree Day		-	_		\$/hdd
Plant Average Steam Cost Per Degree Day	1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-	•	•		\$/klbs
Total Plant Efficiency By I/O		77	7.4		%
Condensate Transfer Pump #1 Run Time		0	.5		hrs
Condensate Transfer Pump #2 Run Time			.5		hrs
Condensate Transfer Pump #3 Run Time					hrs
Boiler Feed Pump #1 Run Time	0.0				
Boiler Feed Pump #2 Run Time			.5		hrs hrs
Boiler Feed Pump #3 Run Time	-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1		.0		hrs
Boiler Feed Pump #4 Run Time			.0		hrs
Fuel Oil Pump #1 Run Time			.0		hrs
Fuel Oil Pump #2 Run Time	\-\frac{1}{2} \cdot \frac{1}{2} \cdot \frac{1}{2		.0		hrs
	Boiler 1	Boiler 2	Boiler 3	Boiler 4	Units
Run Time	0.0	0.0	0.5	0.5	hrs
Steam Flow	0.00	0.00	3.65	2.59	klbs
Gas Flow	0.00	0.00	4.49	3.40	kscf
Natural Gas Cost	\$0.00	\$0.00	\$27.57	\$20.91	\$
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	\$0.00	\$27.57	\$20.91	\$
Average Steam Cost			\$7.55	\$8.08	\$/klbs
Efficiency By Losses	0.0	0.0	82.7	80.7	%
Efficiency By I/O			79.7	74.4	%

Heating Plant Day Operations Report

4/13/2018 8:01 AM Daily Report

		Plant					
Heating Degree Days		0.	00		hdd		
Total Plant Steam Flow		5.	94		klbs		
Steam Flow Per Heating Degree Day	=++-(-==+++++++++++++++++++++++++++++++	-	_		klbs/hd		
Total Condensate Return Water Flow		0	2		klbs		
Total Plant Gas Flow		7.	38		kscf		
Total Plant Gas Cost		\$45	5.31		\$		
Total Plant Oil Flow		0	.0		gals		
Total Plant Oil Cost		\$0	.00		\$		
Total Plant Fuel Cost		\$45	5.31		\$		
Fuel Cost Per Heating Degree Day		-	-		\$/hdd		
Plant Average Steam Cost Per Degree Day		_	_		\$/klbs		
Total Plant Efficiency By I/O		78	3.8		%		
Condensate Transfer Pump #1 Run Time			.5		lb-n		
Condensate Transfer Pump #2 Run Time					hrs		
Condensate Transfer Pump #2 Run Time		0.5					
Boiler Feed Pump #1 Run Time	0.0						
Boiler Feed Pump #2 Run Time			.5 .5		hrs		
Boiler Feed Pump #3 Run Time			.0		hrs		
Boiler Feed Pump #4 Run Time			.0				
Fuel Oil Pump #1 Run Time			.0		hrs		
Fuel Oil Pump #2 Run Time			.0				
r der On Punip #2 Nun Time			.0		hrs		
	Boiler 1	Boiler 2	Boiler 3	Boiler 4	Units		
Run Time	0.0	0.0	0.5	0.5	hrs		
Steam Flow	0.00	0.00	3.28	2.66	klbs		
Gas Flow	0.00	0.00	3.96	3.42	kscf		
Natural Gas Cost	\$0.00	\$0.00	\$24.34	\$20.98	\$		
Oil Flow	0.0	0.0	0.0	0.0	gals		
Oil Cost	\$0.00	\$0.00	\$0.00	\$0.00	\$		
Total Fuel Cost	\$0.00	\$0.00	\$24.34	\$20.98	\$		
Average Steam Cost	•••		\$7.42	\$7.88	\$/klbs		
Efficiency By Losses	0.0	0.0	82.8	80.8	%		
Efficiency By I/O			81.0	76.3	%		

Heating Plant Day Operations Report

4/14/2018 8:01 AM Daily Report

		Plant					
Heating Degree Days		0.	00		hdd		
Total Plant Steam Flow		4.	62		klbs		
Steam Flow Per Heating Degree Day		•	••		klbs/hd		
Total Condensate Return Water Flow		0	2		klbs		
Total Plant Gas Flow		5.	69		kscf		
Total Plant Gas Cost		\$34	1.92		\$		
Total Plant Oil Flow		0	.0		gals		
Total Plant Oil Cost		\$0	00		\$		
Total Plant Fuel Cost		\$34	1.92		\$		
Fuel Cost Per Heating Degree Day		•	••		\$/hdd		
Plant Average Steam Cost Per Degree Day			_		\$/klbs		
Total Plant Efficiency By I/O		79	0.6		%		
Condensate Transfer Pump #1 Run Time	1		.5		hrs		
Condensate Transfer Pump #2 Run Time			5		hrs		
Condensate Transfer Pump #3 Run Time			.0		hrs		
Boiler Feed Pump #1 Run Time	0.5						
Boiler Feed Pump #2 Run Time		0.5					
Boiler Feed Pump #3 Run Time			.0		hrs hrs		
Boiler Feed Pump #4 Run Time			.0		hrs		
Fuel Oil Pump #1 Run Time			.0		hrs		
Fuel Oil Pump #2 Run Time			.0		hrs		
					1110		
	Boiler 1	Boiler 2	Boiler 3	Boiler 4	Units		
Run Time	0.0	0.0	0.5	0.5	hrs		
Steam Flow	0.00	0.00	2.26	2.36	klbs		
Gas Flow	0.00	0.00	2.74	2.95	kscf		
Natural Gas Cost	\$0.00	\$0.00	\$16.82	\$18.10	\$		
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	\$0.00	\$16.82	\$18.10	\$		
Average Steam Cost			\$7.44	\$7.66	\$/klbs		
Efficiency By Losses	0.0	0.0	82.8	80.3	%		
Efficiency By I/O			80.8	78.5	%		

Heating Plant Day Operations Report

4/15/2018 7:00 AM Daily Report

Description						
	Plant					
Heating Degree Days		0.00				
Total Plant Steam Flow		182	2.50		klbs	
Steam Flow Per Heating Degree Day			-		klbs/hdd	
Total Condensate Return Water Flow		6	.7		klbs	
Total Plant Gas Flow		233	3.91		kscf	
Total Plant Gas Cost		\$1,43	36.40		\$	
Total Plant Oil Flow		0	.0		gals	
Total Plant Oil Cost		\$0	.00		\$	
Total Plant Fuel Cost		\$1,4	36.40		\$	
Fuel Cost Per Heating Degree Day			••		\$/hdd	
Plant Average Steam Cost Per Degree Day			-		\$/klbs	
Total Plant Efficiency By I/O		76	3.4	7	%	
Condensate Transfer Pump #1 Run Time		22	3.5		hrs	
Condensate Transfer Pump #2 Run Time			3.5		hrs	
Condensate Transfer Pump #3 Run Time					hrs	
Boiler Feed Pump #1 Run Time	0.0 23.5					
Boiler Feed Pump #2 Run Time			3.5		hrs	
Boiler Feed Pump #3 Run Time			.0		hrs	
Boiler Feed Pump #4 Run Time			.0		hrs	
Fuel Oil Pump #1 Run Time					hrs	
Fuel Oil Pump #2 Run Time	0.0					
T doi on T drip re Tair Time			.0		hrs	
	Boiler 1	Boiler 2	Boiler 3	Boiler 4	Units	
Run Time	0.0	0.0	23,5	17.2	hrs	
Steam Flow	0.00	0.00	109.92	72.58	klbs	
Gas Flow	0.00	0.00	131.06	102.85	kscf	
Natural Gas Cost	\$0.00	\$0.00	\$804.81	\$631.59	\$	
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	\$804.81	\$631.59	\$	
Average Steam Cost	artino .	440	\$7,32	\$8.70	\$/klbs	
Efficiency By Losses	0.0	0.0	83,3	80.5	%	
Efficiency By I/O			82.1	69.1	%	

Heating Plant Day Operations Report

4/16/2018 8:01 AM Daily Report

Description							
	Plant						
Heating Degree Days		0.	00		hdd		
Total Plant Steam Flow		5.	43		klbs		
Steam Flow Per Heating Degree Day					klbs/hdc		
Total Condensate Return Water Flow		0	.2		klbs		
Total Plant Gas Flow		6.	45		kscf		
Total Plant Gas Cost		\$39	9.62		\$		
Total Plant Oil Flow		0	.0		gals		
Total Plant Oil Cost		\$0	.00		\$		
Total Plant Fuel Cost		\$39	9.62		\$		
Fuel Cost Per Heating Degree Day		-	_		\$/hdd		
Plant Average Steam Cost Per Degree Day					\$/klbs		
Total Plant Efficiency By I/O		82.4					
Condensate Transfer Pump #1 Run Time	<u> </u>		.5	<u> </u>	hrs		
Condensate Transfer Pump #2 Run Time			.5		hrs		
Condensate Transfer Pump #3 Run Time			.0		hrs		
Boiler Feed Pump #1 Run Time			.5		hrs		
Boiler Feed Pump #2 Run Time			.5		hrs		
Boiler Feed Pump #3 Run Time			.0		hrs		
Boiler Feed Pump #4 Run Time			.0		hrs		
Fuel Oil Pump #1 Run Time			.0		hrs		
Fuel Oil Pump #2 Run Time			.0		hrs		
	Boiler 1	Boiler 2	Boiler 3	Boiler 4	Units		
Run Time	0.0	0.0	0.5	0.5	hrs		
Steam Flow	0.00	0.00	3.05	2.38	kibs		
Gas Flow	0.00	0.00	3.52	2.93	kscf		
Natural Gas Cost	\$0.00	\$0.00	\$21.60	\$18.02	\$		
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	\$21.60	\$18.02	\$		
Average Steam Cost			\$7.08	\$7.58	\$/klbs		
Efficiency By Losses	0.0	0.0	83.3	80.7	%		
Efficiency By I/O			85.0	79.4	%		
Mid-Atlantic Controls Corporation	П	av Report			Page 1 of		

Heating Plant Day Operations Report

4/18/2018 8:01 AM Daily Report

		Plant					
Heating Degree Days	0.00						
Total Plant Steam Flow		6.	71		klbs		
Steam Flow Per Heating Degree Day		_	_		klbs/hde		
Total Condensate Return Water Flow		0	.1		klbs		
Total Plant Gas Flow		8.	22		kscf		
Total Plant Gas Cost		\$50).49		S		
Total Plant Oil Flow		0	.0		gals		
Total Plant Oil Cost		\$0	.00		\$		
Total Plant Fuel Cost		\$50).49		\$		
Fuel Cost Per Heating Degree Day			-		\$/hdd		
Plant Average Steam Cost Per Degree Day			-		\$/klbs		
Total Plant Efficiency By I/O		79	0.9		%		
Condensate Transfer Pump #1 Run Time			.5	<u> </u>	hrs		
Condensate Transfer Pump #2 Run Time			.5		hrs		
Condensate Transfer Pump #3 Run Time			.0		hrs		
Boiler Feed Pump #1 Run Time	0.5						
Boiler Feed Pump #2 Run Time			.5		hrs		
Boiler Feed Pump #3 Run Time			.0		hrs		
Boiler Feed Pump #4 Run Time		0	.0		hrs		
Fuel Oil Pump #1 Run Time			.0		hrs		
Fuel Oil Pump #2 Run Time		0	.0		hrs		
	Boiler 1	Boiler 2	Boiler 3	Boiler 4	Units		
Run Time	0.0	0.0	0.5	0.5	hrs		
Steam Flow	0.00	0.00	3.67	3.04	klbs		
Gas Flow	0.00	0.00	4.39	3.83	kscf		
Natural Gas Cost	\$0.00	\$0.00	\$26.97	\$23.52	S		
Oil Flow	0.0	0.0	0.0	0.0	gals		
Dil Cost	\$0.00	\$0.00	\$0.00	\$0.00	S		
Total Fuel Cost	\$0.00	\$0.00	\$26.97	\$23.52	\$		
Average Steam Cost	_	_	\$7.35	\$7.74	\$/klbs		
Efficiency By Losses	0.0	0.0	82.9	80.7	%		
Efficiency By I/O			81.8	77.7	%		

Heating Plant Day Operations Report

4/19/2018 8:01 AM Daily Report

	Plant					
Heating Degree Days	0.00					
Total Plant Steam Flow		6.	17		klbs	
Steam Flow Per Heating Degree Day		•	••		klbs/hd	
Total Condensate Return Water Flow		0	.1		klbs	
Total Plant Gas Flow		7.	83		kscf	
Total Plant Gas Cost		\$48	3.09		\$	
Total Plant Oil Flow		0	.0		gals	
Total Plant Oil Cost		\$0	.00		\$	
Total Plant Fuel Cost		\$48	3.09		\$	
Fuel Cost Per Heating Degree Day			_		\$/hdd	
Plant Average Steam Cost Per Degree Day					\$/klbs	
Total Plant Efficiency By I/O		77	7.1		%	
Condensate Transfer Pump #1 Run Time		//. O	.5		hrs	
Condensate Transfer Pump #2 Run Time	3, 1		.5		hrs	
Condensate Transfer Pump #3 Run Time	0.0					
Boiler Feed Pump #1 Run Time	0.5					
Boiler Feed Pump #2 Run Time	0.5					
Boiler Feed Pump #3 Run Time			.0		hrs hrs	
Boiler Feed Pump #4 Run Time			.0		hrs	
Fuel Oil Pump #1 Run Time			.0		hrs	
Fuel Oil Pump #2 Run Time			.0		hrs	
	Boiler 1	Boiler 2	Boiler 3	Boiler 4	Units	
Run Time	0.0	0.0	0.0	0.5	hrs	
Steam Flow	0.00	0.00	0.00	6.17	klbs	
Gas Flow	0.00	0.00	0.00	7.83	kscf	
Natural Gas Cost	\$0.00	\$0.00	\$0.00	\$48.09	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	\$0.00	\$0.00	\$48.09	\$	
Average Steam Cost			-	\$7.80	\$/klbs	
Efficiency By Losses	0.0	0.0	0.0	81.5	%	
Efficiency By I/O				77.1	%	

Heating Plant Day Operations Report

4/20/2018 7:00 AM Daily Report

Description						
			ant		Units	
Heating Degree Days		8.69				
Total Plant Steam Flow			1.00		klbs	
Steam Flow Per Heating Degree Day			9.2		klbs/hdo	
Total Condensate Return Water Flow			.4		klbs	
Total Plant Gas Flow		303	3.43		kscf	
Total Plant Gas Cost		\$1,80	53.28		\$	
Total Plant Oil Flow		0	.0		gals	
Total Plant Oil Cost		\$0	.00		\$	
Total Plant Fuel Cost		\$1,80	63.28		\$	
Fuel Cost Per Heating Degree Day		\$21	4.40		\$/hdd	
Plant Average Steam Cost Per Degree Day		\$0	.84		\$/klbs	
Total Plant Efficiency By I/O		82	2.0	1	%	
Condensate Transfer Pump #1 Run Time		3	.4	1	hrs	
Condensate Transfer Pump #2 Run Time		23	3.5		hrs	
Condensate Transfer Pump #3 Run Time			.0		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		0	.0		hrs	
Boiler Feed Pump #4 Run Time		0	.0		hrs	
Fuel Oil Pump #1 Run Time			.0		hrs	
Fuel Oil Pump #2 Run Time		0	.0		hrs	
	Boiler 1	Boiler 2	Boiler 3	Boiler 4	Units	
Run Time	0.0	0.0	0.0	23.5	hrs	
Steam Flow	0.00	0.00	0.00	254.00	klbs	
Gas Flow	0.00	0.00	0.00	303.43	kscf	
Natural Gas Cost	\$0.00	\$0.00	\$0.00	\$1,863.28	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	\$0.00	\$0.00	\$1,863.28	s	
Average Steam Cost	***	•••		\$7.34	\$/klbs	
Efficiency By Losses	0.0	0.0	0.0	81.5	%	
Efficiency By I/O				82.0	%	

Heating Plant Day Operations Report

4/21/2018 7:00 AM Daily Report

	Plant					
Heating Degree Days		13	.16	-	hdd	
Total Plant Steam Flow		270).28		klbs	
Steam Flow Per Heating Degree Day		20).5		klbs/hd	
Total Condensate Return Water Flow		6	.5		klbs	
Total Plant Gas Flow		338	3.18		kscf	
Total Plant Gas Cost		\$2,0	76.68		\$	
Total Plant Oil Flow		0	.0		gals	
Total Plant Oil Cost		\$0	.09		\$	
Total Plant Fuel Cost		\$2,0	76.77		S	
Fuel Cost Per Heating Degree Day			7.86		\$/hdd	
Plant Average Steam Cost Per Degree Day		\$0	.58		\$/klbs	
Total Plant Efficiency By I/O		78	3.3		%	
Condensate Transfer Pump #1 Run Time			.0		hrs	
Condensate Transfer Pump #2 Run Time			3.5		hrs	
Condensate Transfer Pump #3 Run Time			.0		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			.0		hrs	
Boiler Feed Pump #4 Run Time			.0		hrs	
Fuel Oil Pump #1 Run Time			.0		hrs	
Fuel Oil Pump #2 Run Time		0	.0		hrs	
	Boiler 1	Boiler 2	Boiler 3	Boiler 4	Units	
Run Time	0.0	1.1	1.0	23.2	hrs	
Steam Flow	0.00	0.29	0.84	269.16	klbs	
Gas Flow	0.00	6.69	5.78	325.71	kscf	
Natural Gas Cost	\$0.00	\$41.06	\$35.50	\$2,000.12	S	
Oil Flow	0.0	0.0	0.0	0.0	gals	
Oil Cost	\$0.00	\$0.00	\$0.00	\$0.09	\$	
Total Fuel Cost	\$0.00	\$41.06	\$35.50	\$2,000.21	\$	
Average Steam Cost	***	\$143.53	\$42.11	\$7.43	\$/klbs	
Efficiency By Losses	0.0	0.0	0.0	81.4	%	
Efficiency By I/O		4.2	14.3	80.9	%	

Heating Plant Day Operations Report

4/22/2018 7:00 AM Daily Report

	Plant					
Heating Degree Days		12.60				
Total Plant Steam Flow		254	1.00		klbs	
Steam Flow Per Heating Degree Day		20).2		klbs/hdd	
Total Condensate Return Water Flow		5	.9		klbs	
Total Plant Gas Flow		306	6.65		kscf	
Total Plant Gas Cost		\$1,8	33.06		\$	
Total Plant Oil Flow		0	.0		gals	
Total Plant Oil Cost		\$0	.00		\$	
Total Plant Fuel Cost		\$1,8	33.06		\$	
Fuel Cost Per Heating Degree Day		\$14	9.39		\$/hdd	
Plant Average Steam Cost Per Degree Day		\$0	.59		\$/klbs	
Total Plant Efficiency By I/O		81	l.1		%	
Condensate Transfer Pump #1 Run Time			^		11	
			.0		hrs	
Condensate Transfer Pump #2 Run Time			3.5		hrs	
Condensate Transfer Pump #3 Run Time			.0		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			.0		hrs	
Boiler Feed Pump #4 Run Time			.0		hrs	
Fuel Oil Pump #1 Run Time			.0		hrs	
Fuel Oil Pump #2 Run Time		0	.0	1	hrs	
	Boiler 1	Boiler 2	Boiler 3	Boiler 4	Units	
Run Time	0.0	0.0	0.0	23.5	hrs	
Steam Flow	0.00	0.00	0.00	254.00	klbs	
Gas Flow	0.00	0.00	0.00	306.65	kscf	
Natural Gas Cost	\$0.00	\$0.00	\$0.00	\$1,883.06	\$	
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	\$0.00	\$0.00	\$1,883.06	\$	
Average Steam Cost	***		1,	\$7.41	\$/klbs	
Efficiency By Losses	0.0	0.0	0.0	81.5	%	
Efficiency By I/O				81.1	%	

Heating Plant Day Operations Report

4/23/2018 7:00 AM Daily Report

Description					Units		
	Plant						
Heating Degree Days			82		hdd		
Total Plant Steam Flow			5.49		klbs		
Steam Flow Per Heating Degree Day			7.9		klbs/hdc		
Total Condensate Return Water Flow		5	.8		klbs		
Total Plant Gas Flow		298	5.84		kscf		
Total Plant Gas Cost		\$1,83	22.84		\$		
Total Plant Oil Flow		0	.0		gals		
Total Plant Oil Cost		\$0	.00		\$		
Total Plant Fuel Cost		\$1,82	22.84		\$		
Fuel Cost Per Heating Degree Day		\$20	6.59		\$/hdd		
Plant Average Steam Cost Per Degree Day		\$0	.84		\$/klbs		
Total Plant Efficiency By I/O		81	1.3		%		
Condensate Transfer Pump #1 Run Time		0.0					
Condensate Transfer Pump #2 Run Time		23	3.5		hrs		
Condensate Transfer Pump #3 Run Time	0.0						
Boiler Feed Pump #1 Run Time	23.5						
Boiler Feed Pump #2 Run Time		23	3.5		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	0.0	0.0	0.0	23.5	hrs		
Steam Flow	0.00	0.00	0.00	246.49	klbs		
Gas Flow	0.00	0.00	0.00	296.84	kscf		
Natural Gas Cost	\$0.00	\$0.00	\$0.00	\$1,822.84	\$		
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	\$0.00	\$0.00	\$1,822.84	\$		
Average Steam Cost	gma			\$7.40	\$/klbs		
Efficiency By Losses	0.0	0.0	0.0	81.4	%		
Efficiency By I/O				81.3	%		
Mid-Atlantic Controls Corporation	D	ay Report			Page 1 of		

Heating Plant Day Operations Report

4/24/2018 7:00 AM Daily Report

Description					Units		
		Plant					
Heating Degree Days		30	.76		hdd		
Total Plant Steam Flow		241	0.60		kibs		
Steam Flow Per Heating Degree Day		7	.8		klbs/hd		
Total Condensate Return Water Flow		6	i.3		klbs		
Total Plant Gas Flow		31:	2.30		kscf		
Total Plant Gas Cost		\$1,9	17.76		\$		
Total Plant Oil Flow		C	0.0		gals		
Total Plant Oil Cost		\$0).00		\$		
Total Plant Fuel Cost		\$1,9	17.76		\$		
Fuel Cost Per Heating Degree Day		\$6:	2.34		\$/hdd		
Plant Average Steam Cost Per Degree Day		\$0),26		\$/klbs		
Total Plant Efficiency By I/O		7:	5.4		%		
Condensate Transfer Pump #1 Run Time		1	9.0		hrs		
Condensate Transfer Pump #2 Run Time			3.3		hrs		
Condensate Transfer Pump #3 Run Time	0.0						
Boiler Feed Pump #1 Run Time	23.3						
Boiler Feed Pump #2 Run Time			3.3		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						
			-				
	Boiler 1	Boiler 2	Boiler 3	Boiler 4	Units		
Run Time	0.0	0.2	16.1	14.0	hrs		
Steam Flow	0.00	0.00	125.76	114.84	klbs		
Gas Flow	0.00	0.89	167.30	144.11	kscf		
Natural Gas Cost	\$0.00	\$5.45	\$1,027.36	\$884.95	\$		
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	\$5.45	\$1,027.36	\$884.95	\$		
Average Steam Cost	_		\$8.17	\$7.71	\$/klbs		
Efficiency By Losses	0.0	0.0	81.8	81.2	%		
Efficiency By I/O		,	73.6	78.0	%		

Heating Plant Day Operations Report

4/25/2018 7:00 AM Daily Report

Description	r		<u> </u>		Units		
		Plant					
Heating Degree Days			7.53		hdd		
Total Plant Steam Flow			8.83		klbs		
Steam Flow Per Heating Degree Day			5.9		klbs/hdc		
Total Condensate Return Water Flow			.8		klbs		
Total Plant Gas Flow			7.13		kscf		
Total Plant Gas Cost		i_	86.03		\$		
Total Plant Oil Flow		-	0.0		gals		
Total Plant Oil Cost		\$0	0.00		\$		
Total Plant Fuel Cost		\$1,8	86.03		\$		
Fuel Cost Per Heating Degree Day		\$5	0.26		\$/hdd		
Plant Average Steam Cost Per Degree Day		\$0).19		\$/klbs		
Total Plant Efficiency By I/O		82.5					
Condensate Transfer Pump #1 Run Time		2	3.0		hrs		
Condensate Transfer Pump #2 Run Time			3.2		hrs		
Condensate Transfer Pump #3 Run Time			0.0		hrs		
Boiler Feed Pump #1 Run Time			3.2		hrs		
Boiler Feed Pump #2 Run Time			3.2		hrs		
Boiler Feed Pump #3 Run Time			0.0		hrs		
Boiler Feed Pump #4 Run Time			0.0		hrs		
Fuel Oil Pump #1 Run Time).0		hrs		
Fuel Oil Pump #2 Run Time			0.0		hrs		
·							
	Boiler 1	Boiler 2	Boiler 3	Boiler 4	Units		
Run Time	0.0	0.0	22.2	1.8	hrs		
Steam Flow	0.00	0.00	236.29	22.54	klbs		
Gas Flow	0.00	0.00	278,16	28,97	kscf		
Natural Gas Cost	\$0.00	\$0.00	\$1,708.10	\$177.93	\$		
Oil Flow	0.0	0.0	0.0	0.0	gals		
Oil Cost	\$0.00	\$0.00	\$0.00	\$0.00	\$		
Total Fuel Cost	\$0.00	\$0.00	\$1,708.10	\$177.93	\$		
Average Steam Cost			\$7.23	\$7.89	\$/klbs		
Efficiency By Losses	0.0	0.0	82.7	0.0	%		
Efficiency By I/O		-	83.2	76.2	%		
Mid-Atlantic Controls Corporation		av Report			Page 1 of		

Mid-Atlantic Controls Corporation

Day Report

Heating Plant Day Operations Report

4/26/2018 7:00 AM Daily Report

Description

	Plant				
Heating Degree Days		4	.03	-	hdd
Total Plant Steam Flow		24	1.89		klbs
Steam Flow Per Heating Degree Day		6	0.1		klbs/hdc
Total Condensate Return Water Flow		5	i.3		klbs
Total Plant Gas Flow		29	0.99		kscf
Total Plant Gas Cost		\$1,7	86.89		\$
Total Plant Oil Flow		(0.0		gals
Total Plant Oil Cost		\$0).00		\$
Total Plant Fuel Cost	· · · · · · · · · · · · · · · · · · ·	\$1,7	86.89		\$
Fuel Cost Per Heating Degree Day		\$44	13.85		\$/hdd
Plant Average Steam Cost Per Degree Day		\$1	.83		\$/klbs
Total Plant Efficiency By I/O	81.4				%
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	0.0				hrs
Boiler Feed Pump #1 Run Time	23.5 23.5 0.0				
Boiler Feed Pump #2 Run Time					
Boiler Feed Pump #3 Run Time					
Boiler Feed Pump #4 Run Time	0.0				hrs
Fuel Oil Pump #1 Run Time					hrs
Fuel Oil Pump #2 Run Time	0.0				hrs
	Boiler 1	Boiler 2	Boiler 3	Boiler 4	Units
Run Time	0.0	0.0	23.5	0.3	hrs
Steam Flow	0.00	0.00	241.89	0.00	klbs
Gas Flow	0.00	0.00	289.29	1.70	kscf
Natural Gas Cost	\$0.00	\$0.00	\$1,776.48	\$10.41	\$
Oil Flow	0.0	0.0	0.0	0.0	gals
Oil Cost	\$0.00	\$0.00	\$0.00	\$0.00	\$
Total Fuel Cost	\$0.00	\$0.00	\$1,776.48	\$10.41	\$
Average Steam Cost	•••		\$7.34	ΨΙ Ψ , ΤΙ	\$/klbs
Efficiency By Losses	0.0	0.0	82.6	77.6	%
Efficiency By I/O		0.0	81.9	71,0	%
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Mid-Atlantic Controls Corporation

Day Report

Heating Plant Day Operations Report

4/27/2018 7:00 AM Daily Report

Description	Plant					
Heating Degree Days	0.40					
Total Plant Steam Flow			9.63		hdd klbs	
Steam Flow Per Heating Degree Day			78.9		klbs/hdo	
Total Condensate Return Water Flow			5.3		klbs	
Total Plant Gas Flow			6.74		kscf	
Total Plant Gas Cost					\$	
Total Plant Oil Flow	\$1,699.36 0.0 \$0.00				gals	
Total Plant Oil Cost					S	
Total Plant Fuel Cost			99.36		S	
Fuel Cost Per Heating Degree Day					\$/hdd	
Plant Average Steam Cost Per Degree Day	\$4,283.84 \$18.66				\$/klbs	
Total Plant Efficiency By I/O			1.3		%	
			1.0		70	
Condensate Transfer Pump #1 Run Time	23.5					
Condensate Transfer Pump #2 Run Time	23.5					
Condensate Transfer Pump #3 Run Time	0.0					
Boiler Feed Pump #1 Run Time	23.5					
Boiler Feed Pump #2 Run Time	23.5					
Boiler Feed Pump #3 Run Time	0.0					
Boiler Feed Pump #4 Run Time	0.0				hrs	
Fuel Oil Pump #1 Run Time					hrs	
Fuel Oil Pump #2 Run Time	0.0					
	Boiler 1	Boiler 2	Boiler 3	Boiler 4	Units	
Run Time	0.0	0.0	22.6	1.4	hrs	
Steam Flow	0.00	0.00	218.12	11.51	klbs	
Gas Flow	0.00	0.00	259.79	16.95	kscf	
Natural Gas Cost	\$0.00	\$0.00	\$1,595.29	\$104.07	\$	
Oil Flow	0.0	0.0	0.0	0.0	gals	
Oil Cost	\$0.00	\$0.00	\$0.00	\$0.00	\$	
Total Fuel Cost	\$0.00	\$0.00	\$1,595.29	\$104.07	\$	
Average Steam Cost			\$7.31	\$9.04	\$/klbs	
Efficiency By Losses	0.0	0.0	82.6	0.0	%	
Efficiency By I/O			82.2	66.5	%	
Mid-Atlantic Controls Corporation Day Report				Page 1 of		

Heating Plant Day Operations Report

4/28/2018 7:00 AM Daily Report

Description

	Plant					
Heating Degree Days		0	.01		hdd	
Total Plant Steam Flow		23:	2.65		klbs	
Steam Flow Per Heating Degree Day		32,4	152.2		klbs/hdd	
Total Condensate Return Water Flow		5	i.9		klbs	
Total Plant Gas Flow		26	6.07		kscf	
Total Plant Gas Cost		\$1,6	33.85		\$	
Total Plant Oil Flow		C	0.0		gals	
Total Plant Oil Cost		\$0).00		\$	
Total Plant Fuel Cost		\$1,6	33.85		\$	
Fuel Cost Per Heating Degree Day		\$227,	907.95		\$/hdd	
Plant Average Steam Cost Per Degree Day	\$979.63					
Total Plant Efficiency By I/O	85.6					
Condensate Transfer Pump #1 Run Time	23.5					
Condensate Transfer Pump #2 Run Time	23.5					
Condensate Transfer Pump #3 Run Time	0.0					
Boiler Feed Pump #1 Run Time	23.5					
Boiler Feed Pump #2 Run Time	23.5					
Boiler Feed Pump #3 Run Time	0.0					
Boiler Feed Pump #4 Run Time	0.0					
Fuel Oil Pump #1 Run Time	0.0					
Fuel Oil Pump #2 Run Time	0.0				hrs	
	Boiler 1	Boiler 2	Boiler 3	Boiler 4	Units	
Run Time	0.0	0.0	21.5	2.3	hrs	
Steam Flow	0.00	0.00	211.87	20.78	klbs	
Gas Flow	0.00	0.00	239.22	26.85	kscf	
Natural Gas Cost	\$0.00	\$0.00	\$1,468.96	\$164.89	\$	
Oil Flow	0.0	0.0	0.0	0.0	gals	
Oil Cost	\$0.00	\$0.00	\$0.00	\$0.00	\$	
Total Fuel Cost	\$0.00	\$0.00	\$1,468.96	\$164.89	\$	
Average Steam Cost			\$6.93	\$7.94	\$/klbs	
Efficiency By Losses	0.0	0.0	82.7	0.0	%	
Efficiency By I/O			86.7	75.8	%	
Mid-Atlantic Controls Corporation Day Report					Page 1 of 1	

Day Report

Heating Plant Day Operations Report

4/29/2018 7:00 AM Daily Report

-	Plant					
Heating Degree Days		0.	.03		hdd	
Total Plant Steam Flow		22	0.66		klbs	
Steam Flow Per Heating Degree Day		8,4	31.8		klbs/hd	
Total Condensate Return Water Flow		6	5.8		klbs	
Total Plant Gas Flow		25	2.30		kscf	
Total Plant Gas Cost		\$1,5	49.34		\$	
Total Plant Oil Flow	0.0					
Total Plant Oil Cost		\$0).00		S	
Total Plant Fuel Cost		\$1,5	49.34		\$	
Fuel Cost Per Heating Degree Day		\$59,2	202.78		\$/hdd	
Plant Average Steam Cost Per Degree Day	\$268.30					
Total Plant Efficiency By I/O		8	5.6		%	
Condensate Transfer Pump #1 Run Time	23.5					
Condensate Transfer Pump #2 Run Time		2	3.5		hrs	
Condensate Transfer Pump #3 Run Time	0.0					
Boiler Feed Pump #1 Run Time	23.5					
Boiler Feed Pump #2 Run Time	23.5					
Boiler Feed Pump #3 Run Time	0.0					
Boiler Feed Pump #4 Run Time	0.0					
Fuel Oil Pump #1 Run Time	0.0					
Fuel Oil Pump #2 Run Time	0.0				hrs	
	Boiler 1	Boiler 2	Boiler 3	Boiler 4	Units	
Run Time	0.0	0.0	23.5	0.5	hrs	
Steam Flow	0.00	0.00	220.66	0.00	klbs	
Gas Flow	0.00	0.00	248 69	3.62	kscf	
Natural Gas Cost	\$0.00	\$0.00	\$1,527.13	\$22.21	\$	
Oil Flow	0.0	0.0	0.0	0.0	gals	
Oil Cost	\$0.00	\$0.00	\$0.00	\$0.00	\$	
Total Fuel Cost	\$0.00	\$0.00	\$1,527.13	\$22.21	\$	
Average Steam Cost			\$6.92		\$/klbs	
Efficiency By Losses	0.0	0.0	82.7	76.3	%	
Efficiency By I/O		1	86.9		%	

Heating Plant Day Operations Report

4/30/2018 7:00 AM Daily Report

Description	Plant				
Heating Degree Days		9.	78		hdd
Fotal Plant Steam Flow		247			klbs
Steam Flow Per Heating Degree Day			5.3		klbs/hd
Total Condensate Return Water Flow			.3		klbs
Total Plant Gas Flow).99		kscf
Total Plant Gas Cost			25.49		\$
Total Plant Gas Cost			.0		gals
			.00		\$
Total Plant Oil Cost	\$1,725.49				
Total Plant Fuel Cost			6.37		\$/hdd
Fuel Cost Per Heating Degree Day	\$0.71				
Plant Average Steam Cost Per Degree Day			5.4		%
Total Plant Efficiency By I/O			+		
Condensate Transfer Pump #1 Run Time	23.5				
Condensate Transfer Pump #2 Run Time	23.5				
Condensate Transfer Pump #3 Run Time	0.0				
Boiler Feed Pump #1 Run Time	23.5				
Boiler Feed Pump #2 Run Time	23.5				
Boiler Feed Pump #3 Run Time	0.0				
Boiler Feed Pump #4 Run Time	0.0				
Fuel Oil Pump #1 Run Time	0.0				
Fuel Oil Pump #2 Run Time).0		hrs
					111-14-
	Boiler 1	Boiler 2	Boiler 3	Boiler 4	Units
Run Time	0.0	0.0	23.5	0.6	hrs
Steam Flow	0.00	0.00	247.83	0.00	klbs
Gas Flow	0.00	0.00	277.79	3.20	kscf
Natural Gas Cost	\$0.00	\$0.00	\$1,705.85	\$19.64	\$
Oil Flow	0.0	0.0	0.0	0.0	gals
Oil Cost	\$0.00	\$0.00	\$0.00	\$0.00	\$
Total Fuel Cost	\$0.00	\$0.00	\$1,705.85	\$19.64	\$
Average Steam Cost		***	\$6.88		\$/klbs
Efficiency By Losses	0.0	0.0	82.7	76.7	%
Efficiency By I/O	87.4				