Heating Plant Day Operations Report

9/1/2019 7:00 AM Daily Report

		Plant					
Heating Degree Days		0.00					
Total Plant Steam Flow		133	7.48		klbs		
Steam Flow Per Heating Degree Day			-		klbs/hd		
Total Condensate Return Water Flow		8	.9		klbs		
Total Plant Gas Flow		170	0.51		kscf		
Total Plant Gas Cost		\$1,0	47.04		\$		
Total Plant Oil Flow		0	.0		gals		
Total Plant Oil Cost		\$0	.00		\$		
Total Plant Fuel Cost		\$1,0	47.04		\$		
Fuel Cost Per Heating Degree Day			-		\$/hdd		
Plant Average Steam Cost Per Degree Day			-		\$/klbs		
Total Plant Efficiency By I/O		79	9.0		%		
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		2:	3.5		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			3.5		hrs		
Fuel Oil Pump #1 Run Time			3.5		hrs		
Fuel Oil Pump #2 Run Time			0		hrs		
	Boiler 1	Boiler 2	Boiler 3	Boiler 4	Units		
Run Time	23.5	0.0	0.6	0.0	hrs		
Steam Flow	137.48	0.00	0.00	0.00	klbs		
Gas Flow	168.19	0.00	2.32	0.00	kscf		
Natural Gas Cost	\$1,032.82	\$0.00	\$14.22	\$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	\$1,032.82	\$0.00	\$14.22	\$0.00	\$		
Average Steam Cost	\$7.51	•••	***		\$/klbs		
Efficiency By Losses	81.8	0.0	77.9	0.0	%		
Efficiency By I/O	80.0				%		

Heating Plant Day Operations Report

9/2/2019 7:00 AM Daily Report

		Plant					
Heating Degree Days		0.	00		hdd		
Total Plant Steam Flow		136	5.27		klbs		
Steam Flow Per Heating Degree Day			••		klbs/hd		
Total Condensate Return Water Flow		8	.9		klbs		
Total Plant Gas Flow		167	7.40		kscf		
Total Plant Gas Cost		\$1,0	27.97		\$		
Total Plant Oil Flow		0	.0		gals		
Total Plant Oil Cost		\$0	.00		\$		
Total Plant Fuel Cost		\$1,0	27.97		\$		
Fuel Cost Per Heating Degree Day					\$/hdd		
Plant Average Steam Cost Per Degree Day		-	-		\$/klbs		
Total Plant Efficiency By I/O		79	9.7		%		
Condensate Transfer Pump #1 Run Time		23	3.5		hrs		
Condensate Transfer Pump #2 Run Time		23	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		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		23	3.5		hrs		
Fuel Oil Pump #2 Run Time		0	.0		hrs		
	Boiler 1	Boiler 2	Boiler 3	Boiler 4	Units		
Run Time	23.5	0.0	0.7	0.0	hrs		
Steam Flow	136.27	0.00	0.00	0.00	klbs		
Gas Flow	165.08	0.00	2.32	0.00	kscf		
Natural Gas Cost	\$1,013.74	\$0.00	\$14.23	\$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 Fue! Cost	\$1,013.74	\$0.00	\$14.23	\$0.00	S		
Average Steam Cost	\$7.44			***	\$/klbs		
Efficiency By Losses	81.8	0.0	74.5	0.0	%		
Efficiency By I/O	80.8				%		

Heating Plant Day Operations Report

9/3/2019 7:00 AM Daily Report

	Plant					
Heating Degree Days			00		Units hdd	
Total Plant Steam Flow			5.42		klbs	
Steam Flow Per Heating Degree Day			-		klbs/hd	
Total Condensate Return Water Flow		9	.1		klbs	
Total Plant Gas Flow		169	9.52		kscf	
Total Plant Gas Cost			40.99		S	
Total Plant Oil Flow			.0		gals	
Total Plant Oil Cost			.00		\$	
Total Plant Fuel Cost			40.99		\$	
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		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			3.5		hrs	
Fuel Oil Pump #2 Run Time			.0		hrs	
	Boiler 1	Boiler 2	Boiler 3	Boiler 4	Units	
Run Time	23.5	0.0	0.7	0.0	hrs	
Steam Flow	136.42	0.00	0.00	0.00	klbs	
Gas Flow	167.13	0.00	2.39	0.00	kscf	
Natural Gas Cost	\$1,026.30	\$0.00	\$14.69	\$0.00	S	
Oil Flow	0.0	0.0	0.0	0.0	gals	
Oil Cost	\$0.00					
Total Fuei Cost	\$1,026.30	\$0.00	\$14.69	\$0.00	\$	
Average Steam Cost	\$7.52				\$/klbs	
Efficiency By Losses	81.8	0.0	76.4	0.0	%	
Efficiency By I/O	79.9				%	

Heating Plant Day Operations Report

9/4/2019 7:00 AM Daily Report

Description

Description						
		PI	ant		Units	
Heating Degree Days		0.	00		hdd	
Total Plant Steam Flow		14:	3.64		klbs	
Steam Flow Per Heating Degree Day					klbs/hdd	
Total Condensate Return Water Flow		8	8		klbs	
Total Plant Gas Flow		17	7.15		kscf	
Total Plant Gas Cost		\$1,0	87.82		\$	
Total Plant Oil Flow		0	.0		gals	
Total Plant Oil Cost		\$0	.00		\$	
Total Plant Fuel Cost		\$1,0	87.82		\$	
Fuel Cost Per Heating Degree Day			••		\$/hdd	
Plant Average Steam Cost Per Degree Day			~~		\$/klbs	
Total Plant Efficiency By I/O		79.4				
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			3.5		hrs	
Fuel Oil Pump #2 Run Time			.0		hrs	
	D.il.	D.:IA	D.11 - 0		146 74	
Run Time	Boiler 1	Boiler 2	Boiler 3	Boiler 4	Units	
Steam Flow	23.5	0.0	0.7	0.0	hrs	
Gas Flow	143.64	0.00	0.00	0.00	kibs	
7-7-7-1	174.78	0.00	2.37	0.00	kscf	
Natural Gas Cost	\$1,073.27	\$0.00	\$14.56	\$0.00	\$	
Oil Flow	0.0	0.0	0.0	0.0	gals	
Oil Cost	\$0.00	\$0.00	\$0.00	\$0.00	\$	
Total Fuel Cost	\$1,073.27	\$0.00	\$14.56	\$0.00	\$	
Average Steam Cost	\$7.47	www			\$/klbs	
Efficiency By Losses	81.8	0.0	75.5	0.0	%	
Efficiency By I/O	80.5				%	

Mid-Atlantic Controls Corporation

Day Report

Heating Plant Day Operations Report

9/5/2019 7:00 AM Daily Report

Description

Description							
		PI	ant	<u></u>	Units		
Heating Degree Days		0	.00		hdd		
Total Plant Steam Flow		14	2.31		klbs		
Steam Flow Per Heating Degree Day					klbs/hdd		
Total Condensate Return Water Flow		9	0.0		klbs		
Total Plant Gas Flow		17	7.71		kscf		
Total Plant Gas Cost		\$1,0	91.26		\$		
Total Plant Oil Flow		C	0.0		gals		
Total Plant Oil Cost		\$0	0.00		\$		
Total Plant Fuel Cost		\$1,0	91.26		S		
Fuel Cost Per Heating Degree Day		18,	Meso.	at the Mathematica, apaging	\$/hdd		
Plant Average Steam Cost Per Degree Day					\$/klbs		
Total Plant Efficiency By I/O		78.4					
Condensate Transfer Pump #1 Run Time		23.5					
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			3.5		hrs		
Fuel Oil Pump #2 Run Time			.0		hrs		
	Boiler 1	Boiler 2	Boiler 3	Boiler 4	Units		
Run Time	23.5	0.0	0.6	0.0	hrs		
Steam Flow	142.31	0.00	0.00	0.00	klbs		
Gas Flow	175.66	0.00	2.05	0.00	kscf		
Natural Gas Cost	\$1,078.66	\$0.00	\$12.60	\$0.00	S		
Oil Flow	0.0	0.0	0.0	0.0			
Oil Cost	\$0.00	\$0.00	\$0.00	\$0.00	gals \$		
Total Fuel Cost	\$1,078.66	\$0.00	\$12.60	\$0.00	\$		
Average Steam Cost	\$7.58	Ψ0.00	\$12.00	\$0.00	\$/klbs		
Efficiency By Losses	81.9	0.0	77.7	0.0	%		
Efficiency By I/O	79.3	0,0	11:1	0.0	%		

Mid-Atlantic Controls Corporation

Day Report

Heating Plant Day Operations Report

9/6/2019 7:00 AM Daily Report

		Pi	ant		Units		
Heating Degree Days		0.00					
Total Plant Steam Flow		14:	5.08		klbs		
Steam Flow Per Heating Degree Day			-		klbs/hc		
Total Condensate Return Water Flow		9	0.0		klbs		
Total Plant Gas Flow		182	2.04		kscf		
Total Plant Gas Cost		\$1,1	17.86		\$		
Total Plant Oil Flow		0	.0		gals		
Total Plant Oil Cost		\$0	.00		\$		
Total Plant Fuel Cost		\$1,1	17.86		\$		
Fuel Cost Per Heating Degree Day					\$/hdd		
Plant Average Steam Cost Per Degree Day			••		\$/klbs		
Total Plant Efficiency By I/O		78.0					
Condensate Transfer Pump #1 Run Time		23.5					
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	23.5						
Boiler Feed Pump #3 Run Time	23.5						
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		
	Boiler 1	Boiler 2	Boiler 3	Boiler 4	Units		
Run Time	2.8	0.0	20.8	1/1	hrs		
Steam Flow	19.09	0.00	126.00	0.00	klbs		
Gas Flow	23.59	0.00	150.98	7.47	kscf		
Natural Gas Cost	\$144.87	\$0.00	\$927.12	\$45.87	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	\$144.87	\$0.00	\$927.12	\$45.87	\$		
Average Steam Cost	\$7.59		\$7.36		\$/klbs		
Efficiency By Losses	79.7	0.0	83.2	75.4	%		
Efficiency By I/O	79.2		81.7		%		

Heating Plant Day Operations Report

9/7/2019 7:00 AM Daily Report

Description			<u> </u>			
	Plant					
Heating Degree Days		0.00				
Total Plant Steam Flow		15	1.80		kibs	
Steam Flow Per Heating Degree Day			de de la companya de		klbs/hde	
Total Condensate Return Water Flow		9	9.1		klbs	
Total Plant Gas Flow		18	5.23		kscf	
Total Plant Gas Cost		\$1,1	37.42		\$	
Total Plant Oil Flow		(0.0		gals	
Total Plant Oil Cost		\$0	0.00		\$	
Total Plant Fuel Cost		\$1,1	37.42		\$	
Fuel Cost Per Heating Degree Day					\$/hdd	
Plant Average Steam Cost Per Degree Day					\$/klbs	
Total Plant Efficiency By I/O		80 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					hrs	
Boiler Feed Pump #1 Run Time	23.5 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			3.5			
Fuel Oil Pump #2 Run Time			0.0		hrs	
ruei Oii rump #2 Ruii Time	_ !		7.0		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	151.80	0.00	klbs	
Gas Flow	3.31	0.00	179.58	2,34	kscf	
Natural Gas Cost	\$20.31	\$0.00	\$1,102.74	\$14.37	\$	
Oil Flow	0.0	0.0	0.0	0.0	gals	
Oil Cost	\$0.00	\$0.00	\$0.00	\$0.00	\$	
Total Fuel Cost	\$20.31	\$0.00	\$1,102.74	\$14.37	\$	
Average Steam Cost			\$7.26	***	\$/klbs	
Efficiency By Losses	80.8	0.0	83.1	77.1	%	
Efficiency By I/O			82.8		%	
Mid-Atlantic Controls Corporation	D	ay Report			Page 1 of	

Heating Plant Day Operations Report

9/8/2019 7:00 AM Daily Report

		Plant					
Heating Degree Days		0.00					
Total Plant Steam Flow		13	9 68		klbs		
Steam Flow Per Heating Degree Day					klbs/hd		
Total Condensate Return Water Flow		9	9.1		klbs		
Total Plant Gas Flow		16	9.73		kscf		
Total Plant Gas Cost		\$1,0	42.26		\$		
Total Plant Oil Flow		(0.0		gals		
Total Plant Oil Cost		\$0).14		\$		
Total Plant Fuel Cost		\$1,0	42.40		S		
Fuel Cost Per Heating Degree Day					\$/hdd		
Plant Average Steam Cost Per Degree Day			_	***************************************	\$/klbs		
Total Plant Efficiency By I/O		80.6					
Condensate Transfer Pump #1 Run Time		23.5					
Condensate Transfer Pump #2 Run Time		2	3.5		hrs		
Condensate Transfer Pump #3 Run Time		2	3.5		hrs		
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		2	3.5		hrs		
Fuel Oil Pump #2 Run Time			0.0		hrs		
	Boiler 1	Boiler 2	Boiler 3	Boiler 4	Units		
Run Time	0.6	0.0	23.5	0.3	hrs		
Steam Flow	0.00	0.00	139.68	0.00	klbs		
Gas Flow	2.91	0.00	165.20	1.62	kscf		
Natural Gas Cost	\$17.86	\$0.00	\$1,014.43	\$9.96	\$		
Oil Flow	0.0	0.0	0.0	0.0	gals		
Oil Cost	\$0.00	\$0.00	\$0.14	\$0.00	\$		
Total Fuel Cost	\$17.86	\$0.00	\$1,014.58	\$9.96	\$		
Average Steam Cost			\$7.26		\$/klbs		
Efficiency By Losses	79.9	0.0	83.2	82.1	%		
Efficiency By I/O			82.8		%		

Heating Plant Day Operations Report

9/9/2019 7:00 AM Daily Report

		PI	ant		Units		
Heating Degree Days		0.	00		hdd		
Total Plant Steam Flow		136	5.87		klbs		
Steam Flow Per Heating Degree Day			•••		klbs/hd		
Total Condensate Return Water Flow		9	.1		klbs		
Total Plant Gas Flow		16	7.34		kscf		
Total Plant Gas Cost		\$1,0	27,61		\$		
Total Plant Oil Flow		0	0.0		gals		
Total Plant Oil Cost		\$0	.00		\$		
Total Plant Fuel Cost		\$1,0	27.61		\$		
Fuel Cost Per Heating Degree Day			_		\$/hdd		
Plant Average Steam Cost Per Degree Day		•	••		\$/klbs		
Total Plant Efficiency By I/O		80.1					
Condensate Transfer Pump #1 Run Time		23.5					
Condensate Transfer Pump #2 Run Time			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		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		23	3.5		hrs		
Fuel Oil Pump #2 Run Time		0	.0		hrs		
	Boiler 1	Boiler 2	Boiler 3	Boiler 4	Units		
Run Time	0.6	0.0	23.5	0.4	hrs		
Steam Flow	0.00	0.00	136.87	0.00	klbs		
Gas Flow	2.85	0.00	162.08	2.42	kscf		
Natural Gas Cost	\$17.50	\$0.00	\$995.28	\$14.83	\$		
Oil Flow	0.0	0.0	0.0	0.0	gals		
Oil Cost	\$0.00	\$0.00	\$0.00	\$0.00	\$		
Total Fuel Cost	\$17.50	\$0.00	\$995.28	\$14.83	s		
Average Steam Cost			\$7.27		\$/klbs		
Efficiency By Losses	81.8	0.0	83.2	77.2	%		
Efficiency By I/O			82.7		%		

Heating Plant Day Operations Report

9/10/2019 7:00 AM Daily Report

Description

Description						
		Р	lant		Units	
Heating Degree Days		0	.00		hdd	
Total Plant Steam Flow		147.23				
Steam Flow Per Heating Degree Day			_		klbs/hdd	
Total Condensate Return Water Flow		9.0				
Total Plant Gas Flow		17	8.23		kscf	
Total Plant Gas Cost		\$1,0	94.46		\$	
Total Plant Oil Flow		(0.0		gals	
Total Plant Oil Cost		\$0	0.00		\$	
Total Plant Fuel Cost		\$1,0	194.46		\$	
Fuel Cost Per Heating Degree Day					\$/hdd	
Plant Average Steam Cost Per Degree Day					\$/klbs	
Total Plant Efficiency By I/O		80.9				
Condensate Transfer Pump #1 Run Time	1	23.5				
Condensate Transfer Pump #2 Run Time					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			3.5		hrs	
Fuel Oil Pump #2 Run Time			0.0		hrs	
	Boiler 1	Boiler 2	Boiler 3	Boiler 4	Units	
Run Time	0.6	0.0	23.5	0.4	hrs	
Steam Flow	0.00	0.00	147.23	0.00	klbs	
Gas Flow	2.87	0.00	173.12	2.23	kscf	
Natural Gas Cost	\$17.65	\$0.00	\$1,063.11	\$13.70	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	\$17.65	\$0.00	\$1,063.11	\$13.70	\$	
Average Steam Cost		40.00	\$7.22	Ψ13.70	\$/klbs	
Efficiency By Losses	74.9	0.0	83.1	70.5	%	
Efficiency By I/O			83.3	1010	%	

Mid-Atlantic Controls Corporation

Day Report

Heating Plant Day Operations Report

9/11/2019 7:00 AM Daily Report

	Plant					
Heating Degree Days		0.00				
Total Plant Steam Flow		14	7.75		klbs	
Steam Flow Per Heating Degree Day					klbs/hd	
Total Condensate Return Water Flow		9	9.0		klbs	
Total Plant Gas Flow		17	7.89		kscf	
Total Plant Gas Cost		\$1,0	92.41		S	
Total Plant Oil Flow		(0.0		gals	
Total Plant Oil Cost		\$0	0.00		\$	
Total Plant Fuel Cost			92.41		S	
Fuel Cost Per Heating Degree Day			•••		\$/hdd	
Plant Average Steam Cost Per Degree Day			_		\$/klbs	
Total Plant Efficiency By I/O		8	1.3		%	
Condensate Transfer Pump #1 Run Time		2	3.5		lhee	
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					hrs	
Boiler Feed Pump #4 Run Time			3.5		hrs	
Fuel Oil Pump #1 Run Time			3.5		hrs	
			3.5		hrs	
Fuel Oil Pump #2 Run Time		(0.0		hrs	
	Boiler 1	Boiler 2	Boiler 3	Boiler 4	Units	
Run Time	0.6	0.0	23.5	0.3	hrs	
Steam Flow	0.00	0.00	147.75	0.00	klbs	
Gas Flow	2.83	0.00	173.25	1.81	kscf	
Natural Gas Cost	\$17.40	\$0.00	\$1,063.91	\$11.10	\$	
Oil Flow	0.0	0.0	0.0	0.0	gals	
Oil Cost	\$0.00	\$0.00	\$0.00	\$0.00	\$	
Total Fuel Cost	\$17.40	\$0.00	\$1,063.91	\$11.10	\$	
Average Steam Cost			\$7.20		\$/klbs	
Efficiency By Losses	76.4	0.0	83.1	75.2	%	
Efficiency By I/O			83.5		%	

Heating Plant Day Operations Report

9/12/2019 7:00 AM Daily Report

Description

Description						
_		P	ant		Units	
Heating Degree Days		0	.00		hdd	
Total Plant Steam Flow		14	1.29		klbs	
Steam Flow Per Heating Degree Day					klbs/hdc	
Total Condensate Return Water Flow		g	9.2		klbs	
Total Plant Gas Flow		17	0.22		kscf	
Total Plant Gas Cost		\$1,0	45.26		\$	
Total Plant Oil Flow		(0.0		gals	
Total Plant Oil Cost		\$0	0.00		\$	
Total Plant Fuel Cost		\$1,0	45.26		\$	
Fuel Cost Per Heating Degree Day					\$/hdd	
Plant Average Steam Cost Per Degree Day					\$/klbs	
Total Plant Efficiency By I/O		81.3 23.5				
Condensate Transfer Pump #1 Run Time		2	2.5		llean	
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			
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					hrs	
Fuel Oil Pump #2 Run Time	23.5					
ruei Oii Fump #2 Ruii Time			0,0		hrs	
	Boiler 1	Boiler 2	Boiler 3	Boiler 4	Units	
Run Time	0.4	0.0	23.5	0.3	hrs	
Steam Flow	0.00	0.00	141.29	0.00	klbs	
Gas Flow	2.08	0.00	165.92	2.21	kscf	
Natural Gas Cost	\$12.79	\$0.00	\$1,018.89	\$13.58	\$	
Oil Flow	0.0	0.0	0.0	0.0	gals	
Oil Cost	\$0.00	\$0.00	\$0.00	\$0.00	\$	
Total Fuel Cost	\$12.79	\$0.00	\$1,018.89	\$13.58	\$	
Average Steam Cost			\$7.21	***	\$/klbs	
Efficiency By Losses	80.2	0.0	83.2	72.3	%	
Efficiency By I/O	*******		83.4		%	

Mid-Atlantic Controls Corporation

Day Report

Heating Plant Day Operations Report

9/13/2019 7:00 AM Daily Report

	Plant					
Heating Degree Days		0	.00		hdd	
Total Plant Steam Flow		14	0.81		klbs	
Steam Flow Per Heating Degree Day					klbs/hdd	
Total Condensate Return Water Flow		9	9.0		klbs	
Total Plant Gas Flow		16	7.19	-	kscf	
Total Plant Gas Cost		\$1,0	26.65		\$	
Total Plant Oil Flow		(0.0		gals	
Total Plant Oil Cost		\$0	0.00		\$	
Total Plant Fuel Cost		\$1.0	26.65		\$	
Fuel Cost Per Heating Degree Day			_		\$/hdd	
Plant Average Steam Cost Per Degree Day					\$/klbs	
Total Plant Efficiency By I/O		8	2.5		%	
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		The state of the s	3.5		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			0.0		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	140.81	0.00	klbs	
Gas Flow	0.00	0.00	165.36	1.82	kscf	
Natural Gas Cost	\$0.00	\$0.00	\$1,015.46	\$11.20	\$	
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	\$1,015.46	\$11.20	S	
Average Steam Cost		40.00	\$7.21	ψ11.2U	\$/klbs	
Efficiency By Losses	0.0	0.0	83.2	72.6	%	
Efficiency By I/O	-		83.4	12.0	%	

Heating Plant Day Operations Report

9/14/2019 7:00 AM Daily Report

Description							
		Plant					
Heating Degree Days		28.09					
Total Plant Steam Flow		14	0.72		klbs		
Steam Flow Per Heating Degree Day			5.0		klbs/hdd		
Total Condensate Return Water Flow			9.1		klbs		
Total Plant Gas Flow		16	6.51		kscf		
Total Plant Gas Cost		\$1,0	022.51		\$		
Total Plant Oil Flow		(0.0		gals		
Total Plant Oil Cost		\$0	0.00		\$		
Total Plant Fuel Cost		\$1,0)22.51		\$		
Fuel Cost Per Heating Degree Day		\$3	6.40		\$/hdd		
Plant Average Steam Cost Per Degree Day		\$0	0.26		\$/klbs		
Total Plant Efficiency By I/O		8	2.8		%		
Condensate Transfer Pump #1 Run Time			7.4		hrs		
Condensate Transfer Pump #2 Run Time			7.4	-	hrs		
Condensate Transfer Pump #3 Run Time			7.4		hrs		
Boiler Feed Pump #1 Run Time			7.4		hrs		
Boiler Feed Pump #2 Run Time			7.4		hrs		
Boiler Feed Pump #3 Run Time			7.4		hrs		
Boiler Feed Pump #4 Run Time			7.4		hrs		
Fuel Oil Pump #1 Run Time			7.4		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	23.4	0.4	hrs		
Steam Flow	0.00	0.00	140.72	0.00	klbs		
Gas Flow	0.00	0.00	164.48	2.04	kscf		
Natural Gas Cost	\$0.00	\$0.00	\$1,010.00	\$12.51	\$		
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	\$1,010.00	\$12.51	S		
Average Steam Cost			\$7.18		\$/klbs		
Efficiency By Losses	0.0	0.0	83.1	74.4	%		
Efficiency By I/O			83.8		%		

Mid-Atlantic Controls Corporation

Day Report

Heating Plant Day Operations Report

9/15/2019 7:00 AM Daily Report

	Plant					
Heating Degree Days		0.	00		hdd	
Total Plant Steam Flow		136	5.30		klbs	
Steam Flow Per Heating Degree Day					klbs/hdd	
Total Condensate Return Water Flow		9	1.4		klbs	
Total Plant Gas Flow		162	2.23		kscf	
Total Plant Gas Cost		\$99	6.24		\$	
Total Plant Oil Flow		0	0.0		gals	
Total Plant Oil Cost		\$0	.00		\$	
Total Plant Fuel Cost		\$99	6.24		\$	
Fuel Cost Per Heating Degree Day			••		\$/hdd	
Plant Average Steam Cost Per Degree Day					\$/klbs	
Total Plant Efficiency By I/O		82	2.3		%	
Condensate Transfer Pump #1 Run Time		2:	3.5		hrs	
Condensate Transfer Pump #2 Run Time		23.5 23.5				
Condensate Transfer Pump #3 Run Time			3.5		hrs	
Boiler Feed Pump #1 Run Time			3.5		hrs	
Boiler Feed Pump #2 Ruл 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		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	136.30	0.00	klbs	
Gas Flow	0.00	0.00	160.07	2.17	kscf	
Natural Gas Cost	\$0.00	\$0.00	\$982.95	\$13.30	\$	
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	\$982.95	\$13.30	S	
Average Steam Cost		***	\$7.21		\$/klbs	
Efficiency By Losses	0.0	0.0	83.2	75.6	%	
Efficiency By I/O			83.4		%	

Heating Plant Day Operations Report

9/16/2019 7:00 AM Daily Report

Description

Description						
		PI	ant		Units	
Heating Degree Days		0.00				
Total Plant Steam Flow		13	7.89		klbs	
Steam Flow Per Heating Degree Day			-		klbs/hd	
Total Condensate Return Water Flow		9	,1		klbs	
Total Plant Gas Flow		16-	4.56		kscf	
Total Plant Gas Cost		\$1,0	10 52		\$	
Total Plant Oil Flow		C	0.0		gals	
Total Plant Oil Cost		\$0	.00		\$	
Total Plant Fuel Cost		\$1,0	10.52		\$	
Fuel Cost Per Heating Degree Day		400				
Plant Average Steam Cost Per Degree Day						
Total Plant Efficiency By I/O		82.1				
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	er-likes inn	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		hrs	
Fuel Oil Pump #2 Run Time			.0		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	137.89	0.00	klbs	
Gas Flow	0.00	0.00	162.31	2.25	kscf	
Natural Gas Cost	\$0.00	\$0.00	\$996.71	\$13.80	\$	
Oil Flow	0.0	0.0	0.0	0.0		
Oil Cost	\$0.00	\$0.00	\$0.00	\$0.00	gals	
Total Fuel Cost	\$0.00	\$0.00	\$996.71	\$13.80	\$	
Average Steam Cost	\$0.00	\$U.UU	\$7.23	\$13.00	\$/klbs	
Efficiency By Losses	0.0	0.0	83.1	74.2	%	
Efficiency By I/O	0.0	0.0		14.2		
Efficiency By I/O			83.2		%	

Mid-Atlantic Controls Corporation

Day Report

Heating Plant Day Operations Report

9/17/2019 7:00 AM Daily Report

Description							
		Plant					
Heating Degree Days		C	.00		hdd		
Total Plant Steam Flow		14	5.80		klbs		
Steam Flow Per Heating Degree Day		***************************************			klbs/hdd		
Total Condensate Return Water Flow			3.6		klbs		
Total Plant Gas Flow		18	0.22		kscf		
Total Plant Gas Cost		\$1,1	06.67		\$		
Total Plant Oil Flow			0.0		gals		
Total Plant Oil Cost		\$(0.00		\$		
Total Plant Fue! Cost		\$1,1	06.67		\$		
Fuel Cost Per Heating Degree Day			•••		\$/hdd		
Plant Average Steam Cost Per Degree Day					\$/klbs		
Total Plant Efficiency By I/O		7	9.2		%		
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		2	3.5		hrs		
Boiler Feed Pump #4 Run Time			3.5		hrs		
Fuel Oil Pump #1 Run Time		2	3.5		hrs		
Fuel Oil Pump #2 Run Time			0.0		hrs		
	Boiler 1	Boiler 2	Boiler 3	Boiler 4	Units		
Run Time	1.5	0.0	23.5	0.0	hrs		
Steam Flow	0.00	0.00	145.80	0.00	klbs		
Gas Flow	8.10	0.00	172.12	0.00	kscf		
Natural Gas Cost	\$49.76	\$0.00	\$1,056.92	\$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	\$49.76	\$0.00	\$1,056.92	\$0.00	\$		
Average Steam Cost			\$7.25		\$/klbs		
Efficiency By Losses	74.7	0.0	83.2	0.0	%		
Efficiency By I/O			83.0		%		

Mid-Atlantic Controls Corporation

Day Report

Heating Plant Day Operations Report

9/18/2019 7:00 AM **Daily Report**

		P	lant		Units
Heating Degree Days	0.00				
Total Plant Steam Flow	-Ball-Marks Sanda - S		7.77		hdd klbs
Steam Flow Per Heating Degree Day					klbs/hdd
Total Condensate Return Water Flow		9	9.2		klbs
Total Plant Gas Flow		17	9.30		kscf
Total Plant Gas Cost			01.03		\$
Total Plant Oil Flow			0.0	11-01-12-07-10-1-21-12-1-12-1	gals
Total Plant Oil Cost		\$0	0.00		\$
Total Plant Fuel Cost		\$1.1	01.03		\$
Fuel Cost Per Heating Degree Day			•••		\$/hdd
Plant Average Steam Cost Per Degree Day					\$/klbs
Total Plant Efficiency By I/O		8	0.7	*****	%
Condensate Transfer Pump #1 Run Time			3.5		hrs
Condensate Transfer Pump #2 Run Time			3.5		hrs
Condensate Transfer Pump #3 Run Time	71		3.5		hrs
Boiler Feed Pump #1 Run Time			3.5		hrs
Boiler Feed Pump #2 Run Time	7-1		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		hrs
Fuel Oil Pump #2 Run Time			0.0		hrs
	Boiler 1	Boiler 2	Boiler 3	Boiler 4	Units
Run Time	0.7	0.0	23.5	0.0	hrs
Steam Flow	0.00	0.00	147.77	0.00	kibs
Gas Flow	3 67	0.00	175.63	0.00	kscf
Natural Gas Cost	\$22.52	\$0.00	\$1,078.52	\$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	\$22.52	\$0.00	\$1,078.52	\$0.00	\$
Average Steam Cost		•••	\$7.30		\$/klbs
Efficiency By Losses	76.7	0.0	83.2	0.0	%
Efficiency By I/O	98		82.4		%

Mid-Atlantic Controls Corporation

Day Report

Heating Plant Day Operations Report

9/19/2019 7:00 AM Daily Report

Description						
		P	lant		Units	
Heating Degree Days		0.00				
Total Plant Steam Flow		15	2.52		klbs	
Steam Flow Per Heating Degree Day					klbs/hdc	
Total Condensate Return Water Flow		9	9.1		klbs	
Total Plant Gas Flow		18	5.07		kscf	
Total Plant Gas Cost		\$1,1	36.46		\$	
Total Plant Oil Flow		(0.0		gals	
Total Plant Oil Cost		\$0	0.00		\$	
Total Plant Fuel Cost		\$1,1	36.46		\$	
Fuel Cost Per Heating Degree Day						
Plant Average Steam Cost Per Degree Day			_		\$/klbs	
Total Plant Efficiency By I/O		8	0.7		%	
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		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		2	3.5		hrs	
Fuel Oil Pump #2 Run Time		(0.0		hrs	
	Boiler 1	Boiler 2	Boiler 3	Boiler 4	Units	
Run Time	0.7	0.0	23.5	0.0	hrs	
Steam Flow	0.00	0.00	152.52	0.00	klbs	
Gas Flow	3.39	0.00	181.68	0.00	kscf	
Natural Gas Cost	\$20.83	\$0.00	\$1,115.63	\$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	\$20.83	\$0.00	\$1,115.63	\$0.00	\$	
Average Steam Cost	***		\$7.31		S/klbs	
Efficiency By Losses	76.2	0.0	83.2	0.0	%	
Efficiency By I/O			82.2		%	

Mid-Atlantic Controls Corporation

Day Report

Heating Plant Day Operations Report

9/20/2019 7:00 AM Daily Report

Description							
		Plant					
Heating Degree Days		1,29					
Total Plant Steam Flow		15	9.97		klbs		
Steam Flow Per Heating Degree Day		12	24.0		klbs/hdc		
Total Condensate Return Water Flow		9	9.0		klbs		
Total Plant Gas Flow		19	4.81		kscf		
Total Plant Gas Cost		\$1,1	96.27		\$		
Total Plant Oil Flow		(0.0		gals		
Total Plant Oil Cost		\$0	0.00		\$		
Total Plant Fuel Cost		\$1,1	96.27		\$		
Fuel Cost Per Heating Degree Day		\$92	27.53		\$/hdd		
Plant Average Steam Cost Per Degree Day		\$5	5.80		\$/klbs		
Total Plant Efficiency By I/O	1-2-1-2-3-3-3-3-3-3-3-3-3-3-3-3-3-3-3-3-	8	0.4		%		
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		2	3.5		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		2	3.5		hrs		
Boiler Feed Pump #4 Run Time		2	3.5		hrs		
Fuel Oil Pump #1 Run Time		2	3.5		hrs		
Fuel Oil Pump #2 Run Time		(0.0		hrs		
	Boiler 1	Boiler 2	Boiler 3	Boiler 4	Units		
Run Time	0.7	0.0	23.5	0.0	hrs		
Steam Flow	0.00	0.00	159.97	0.00	klbs		
Gas Flow	3.42	0.00	191.39	0.00	kscf		
Natural Gas Cost	\$21.01	\$0.00	\$1,175.26	\$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	\$21.01	\$0.00	\$1,175.26	\$0.00	\$		
Average Steam Cost		***	\$7.35	***	\$/klbs		
Efficiency By Losses	74.8	0.0	83.1	0.0	%		
Efficiency By I/O			81.9		%		

Mid-Atlantic Controls Corporation

Day Report

Heating Plant Day Operations Report

9/21/2019 7:00 AM Daily Report

Description

Description					
		P	ant	-	Units
Heating Degree Days		2	.46		hdd
Total Plant Steam Flow		15	4.11		klbs
Steam Flow Per Heating Degree Day		6	2.7		klbs/hdc
Total Condensate Return Water Flow		g	0.0		klbs
Total Plant Gas Flow		21	2.27		kscf
Total Plant Gas Cost		\$1,3	03.49		\$
Total Plant Oil Flow		(0.0		gals
Total Plant Oil Cost		\$0	0.00		\$
Total Plant Fuel Cost		\$1,3	03.49		\$
Fuel Cost Per Heating Degree Day		\$53	0.24		\$/hdd
Plant Average Steam Cost Per Degree Day		\$3	1.44		\$/klbs
Total Plant Efficiency By I/O		7	1.1	R-4-F0990 - R-70-01-01-01-01-01-01-01-01-01-01-01-01-01	%
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		hrs
Boiler Feed Pump #2 Run Time		2	3.5		hrs
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		2	3.5		hrs
Fuel Oil Pump #2 Run Time			0.0		hrs
	Boiler 1	Boiler 2	Boiler 3	Boiler 4	Units
Run Time	0.7	3.1	22.0	1.5	hrs
Steam Flow	0.00	8.17	145.94	0.00	klbs
Gas Flow	3.54	24.92	173.20	10.60	kscf
Natural Gas Cost	\$21.76	\$153.04	\$1,063.60	\$65.09	\$
Oil Flow	0.0	0.0	0.0	0.0	gals
Oil Cost	\$0.00	\$0.00	\$0.00	\$0.00	\$
Total Fuel Cost	\$21.76	\$153.04	\$1,063.60	\$65.09	\$
Average Steam Cost	_	\$18.73	\$7.29	-	\$/klbs
Efficiency By Losses	73.3	0.0	83.1	81.8	%
Efficiency By I/O		32.1	82.5		%

Mid-Atlantic Controls Corporation

Day Report

Heating Plant Day Operations Report

9/22/2019 7:00 AM Daily Report

Description						
		Plant				
Heating Degree Days		0.00				
Total Plant Steam Flow		14	0.63		klbs	
Steam Flow Per Heating Degree Day					klbs/hdc	
Total Condensate Return Water Flow		9	9.0		klbs	
Total Plant Gas Flow		17	0.20		kscf	
Total Plant Gas Cost		\$1,0	45.16		\$	
Total Plant Oil Flow		(0.0		gals	
Total Plant Oil Cost		SC	0.00		\$	
Total Plant Fuel Cost		\$1,0	45.16		\$	
Fuel Cost Per Heating Degree Day			***		\$/hdd	
Plant Average Steam Cost Per Degree Day					\$/klbs	
Total Plant Efficiency By I/O		80.9				
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	A-de-dude de	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		2	3.5		hrs	
Boiler Feed Pump #4 Run Time		2	3.5		hrs	
Fuel Oil Pump #1 Run Time		2	3.5		hrs	
Fuel Oil Pump #2 Run Time			0,0		hrs	
	Boiler 1	Boiler 2	Boiler 3	Boiler 4	Units	
Run Time	0.6	0.0	23.5	0.3	hrs	
Steam Flow	0.00	0.00	140.63	0.00	klbs	
Gas Flow	3.08	0.00	165.21	1.92	kscf	
Natural Gas Cost	\$18.91	\$0.00	\$1,014.48	\$11.77	\$	
Oil Flow	0.0	0.0	0.0	0.0	gals	
Oil Cost	\$0.00	\$0.00	\$0.00	\$0.00	\$	
Total Fuel Cost	\$18.91	\$0.00	\$1,014.48	\$11.77	s	
Average Steam Cost	***		\$7.21		\$/klbs	
Efficiency By Losses	81.1	0.0	83.1	76.5	%	
Efficiency By I/O			83.4		%	

Mid-Atlantic Controls Corporation

Day Report

Heating Plant Day Operations Report

9/23/2019 7:00 AM Daily Report

Description

Description	_				
		Р	lant		Units
Heating Degree Days		(0.00		hdd
Total Plant Steam Flow		13	9.83		klbs
Steam Flow Per Heating Degree Day			***		klbs/hdc
Total Condensate Return Water Flow			9.0		klbs
Total Plant Gas Flow		16	8.28		kscf
Total Plant Gas Cost		\$1,6	33.39		\$
Total Plant Oil Flow			0.0		gals
Total Plant Oil Cost		\$	0.00		\$
Total Plant Fuel Cost		\$1,6	33.39		\$
Fuel Cost Per Heating Degree Day					\$/hdd
Plant Average Steam Cost Per Degree Day			-		\$/klbs
Total Plant Efficiency By I/O		8	1.4		%
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		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		hrs
Fuel Oil Pump #2 Run Time			0.0		hrs
	Boiler 1	Boiler 2	Boiler 3	Boiler 4	Units
Run Time	0.6	0.0	23.5	0.3	hrs
Steam Flow	0.00	0.00	139.83	0.00	klbs
Gas Flow	3.08	0.00	163.57	1.64	kscf
Natural Gas Cost	\$18.89	\$0.00	\$1,004.46	\$10.04	\$
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	\$18.89	\$0.00	\$1,004.46	\$10.04	\$
Average Steam Cost	***	•••	\$7.18		\$/klbs
Efficiency By Losses	76.6	0.0	83.2	82.3	%
Efficiency By I/O		1	83.7		%

Mid-Atlantic Controls Corporation

Day Report

Heating Plant Day Operations Report

9/24/2019 7:00 AM Daily Report

	Plant					
Heating Degree Days		0	.00		hdd	
Total Plant Steam Flow		14	8.82		klbs	
Steam Flow Per Heating Degree Day			100		klbs/hdd	
Total Condensate Return Water Flow		9	9.2		klbs	
Total Plant Gas Flow		17	7.17		kscf	
Total Plant Gas Cost		\$1,0	87.94		\$	
Total Plant Oil Flow		(0.0		gals	
Total Plant Oil Cost		\$0	0.00		\$	
Total Plant Fuel Cost		\$1,0	87.94		S	
Fuel Cost Per Heating Degree Day					\$/hdd	
Plant Average Steam Cost Per Degree Day					\$/klbs	
Total Plant Efficiency By I/O		8	2.3		%	
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	****	2	3.5		hrs	
Fuel Oil Pump #2 Run Time			0.0		hrs	
	Boiler 1	Boiler 2	Boiler 3	Boiler 4	Units	
Run Time	0.6	0.0	23.5	0.2	hrs	
Steam Flow	0.00	0.00	148.82	0.00	klbs	
Gas Flow	3.00	0.00	172.83	1.33	kscf	
Natural Gas Cost	\$18.44	\$0.00	\$1,061.30	\$8.19	\$	
Oil Flow	0.0	0.0	0.0	0.0	gals	
Oil Cost	\$0.00	\$0.00	\$0.00	\$0.00	\$	
Total Fuel Cost	\$18.44	\$0.00	\$1,061.30	\$8.19	S	
Average Steam Cost		***	\$7.13		\$/klbs	
Efficiency By Losses	80.2	0.0	83.2	78.1	%	
Efficiency By I/O			84.3		%	

Heating Plant Day Operations Report

9/25/2019 7:00 AM Daily Report

Description

Description						
	Plant					
Heating Degree Days	0.00					
Total Plant Steam Flow		15	3.22		kibs	
Steam Flow Per Heating Degree Day					klbs/hdg	
Total Condensate Return Water Flow		9	9.2		klbs	
Total Plant Gas Flow		18	5.16		kscf	
Total Plant Gas Cost		\$1,1	37.03		\$	
Total Plant Oil Flow		(0.0		gals	
Total Plant Oil Cost		\$0	0.00		\$	
Total Plant Fuel Cost		\$1,1	37.03		\$	
Fuel Cost Per Heating Degree Day					\$/hdd	
Plant Average Steam Cost Per Degree Day					\$/klbs	
Total Plant Efficiency By I/O	81.0					
Condensate Transfer Pump #1 Run Time		2	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	23.5					
Fuel Oil Pump #1 Run Time		2	3.5		hrs	
Fuel Oil Pump #2 Run Time	0.0					
	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	153.22	0.00	klbs	
Gas Flow	3.41	0.00	179.38	2.37	kscf	
Natural Gas Cost	\$20.92	\$0.00	\$1,101.55	\$14.56	\$	
Oil Flow	0.0	0.0	0.0	0.0	gals	
Oil Cost	\$0.00	\$0.00	\$0.00	\$0.00	\$	
Total Fuel Cost	\$20.92	\$0.00	\$1,101.55	\$14.56	S	
Average Steam Cost	-		\$7.19	***	\$/klbs	
Efficiency By Losses	77.1	0.0	83.1	77.1	%	
Efficiency By I/O		-	83.6		%	

Mid-Atlantic Controls Corporation

Day Report

Heating Plant Day Operations Report

9/26/2019 7:00 AM **Daily Report**

Description						
	Plant					
Heating Degree Days		0,00				
Total Plant Steam Flow		15	2.46		klbs	
Steam Flow Per Heating Degree Day					klbs/hdd	
Total Condensate Return Water Flow			9.2		klbs	
Total Plant Gas Flow		18	3.26		kscf	
Total Plant Gas Cost		\$1,1	125.37		\$	
Total Plant Oil Flow			0.0		gals	
Total Plant Oil Cost		\$(0.00		\$	
Total Plant Fuel Cost		\$1,1	125.37		\$	
Fuel Cost Per Heating Degree Day			•••		\$/hdd	
Plant Average Steam Cost Per Degree Day					\$/klbs	
Total Plant Efficiency By I/O	81.5					
Condensate Transfer Pump #1 Run Time		Ž	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	23.5					
Fuel Oil Pump #1 Run Time	23.5					
Fuel Oil Pump #2 Run Time	0.0					
	Boiler 1	Boiler 2	Boiler 3	Boiler 4	Units	
Run Time	0.6	0.0	23.5	0.3	hrs	
Steam Flow	0.00	0.00	152.46	0.00	klbs	
Gas Flow	2.99	0.00	178.45	1.82	kscf	
Natural Gas Cost	\$18.38	\$0.00	\$1,095.82	\$11.17	\$	
Oil Flow	0.0	0.0	0.0	0.0	gals	
Oil Cost	\$0.00	\$0.00	\$0.00	\$0.00	\$	
Total Fuel Cost	\$18.38	\$0.00	\$1,095.82	\$11.17	\$	
Average Steam Cost	•••		\$7.19	_	\$/klbs	
Efficiency By Losses	72.2	0.0	83.1	82.5	%	
Efficiency By I/O			83.7		%	

Mid-Atlantic Controls Corporation

Day Report

Heating Plant Day Operations Report

9/27/2019 7:00 AM Daily Report

Description			I 4		11	
Heating Degree Days			ant		Units hdd	
Total Plant Steam Flow		0.00 145.95				
					klbs	
Steam Flow Per Heating Degree Day Total Condensate Return Water Flow				-7311	klbs/hd	
Total Plant Gas Flow			9.5		klbs	
	andrelan a restrain		4.74		kscf	
Total Plant Gas Cost			73.07		\$	
Total Plant Oil Flow			0.0		gals	
Total Plant Oil Cost			0.00		\$	
Total Plant Fuel Cost		\$1,0	73.07		\$	
Fuel Cost Per Heating Degree Day			-		\$/hdd	
Plant Average Steam Cost Per Degree Day			_		\$/klbs	
Total Plant Efficiency By I/O		8	1.8		%	
Condensate Transfer Pump #1 Run Time		2	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	23.5					
Fuel Oil Pump #1 Run Time	23.5					
Fuel Oil Pump #2 Run Time	0.0					
				···		
	Boiler 1	Boiler 2	Boiler 3	Boiler 4	Units	
Run Time	0.6	0.0	23.5	0.2	hrs	
Steam Flow	0.00	0.00	145.95	0.00	klbs	
Gas Flow	2.96	0.00	170.50	1.29	kscf	
Natural Gas Cost	\$18.18	\$0.00	\$1,046.98	\$7.90	\$	
Oil Flow	0.0	0.0	0.0	0.0	gals	
Oil Cost	\$0.00	\$0.00	\$0.00	\$0.00	\$	
Total Fuel Cost	\$18.18	\$0.00	\$1,046.98	\$7.90	\$	
Average Steam Cost			\$7.17		\$/klbs	
Efficiency By Losses	79.2	0.0	83.2	79.4	%	
Efficiency By I/O	83.8					

Heating Plant Day Operations Report

9/28/2019 7:00 AM Daily Report

Description						
	Plant					
Heating Degree Days	0.00				hdd	
Total Plant Steam Flow		14	3.75		klbs	
Steam Flow Per Heating Degree Day			_		klbs/hdd	
Total Condensate Return Water Flow		(9.2		klbs	
Total Plant Gas Flow		17	4.61		kscf	
Total Plant Gas Cost		\$1,0	72.21		\$	
Total Plant Oil Flow		(0.0		gals	
Total Plant Oil Cost		\$0).00		\$	
Total Plant Fuel Cost		\$1,0	72.21		\$	
Fuel Cost Per Heating Degree Day					\$/hdd	
Plant Average Steam Cost Per Degree Day					\$/klbs	
Total Plant Efficiency By I/O	80.6					
Condensate Transfer Pump #1 Run Time		2	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	23.5					
Fuel Oil Pump #1 Run Time		2	3.5		hrs	
Fuel Oil Pump #2 Run Time	0.0					
	Boiler 1	Boiler 2	Boiler 3	Boiler 4	Units	
Run Time	0.7	0.0	23.5	0.2	hrs	
Steam Flow	0.00	0.00	143.75	0.00	klbs	
Gas Flow	3.30	0.00	170.05	1.26	kscf	
Natural Gas Cost	\$20.25	\$0.00	\$1,044.22	\$7.74	\$	
Oil Flow	0.0	0.0	0.0	0.0	gals	
Oil Cost	\$0.00	\$0.00	\$0.00	\$0.00	\$	
Total Fuel Cost	\$20.25	\$0.00	\$1,044.22	\$7.74	\$	
Average Steam Cost		•••	\$7.26		\$/klbs	
Efficiency By Losses	72.6	0.0	83.1	75.7	%	
Efficiency By I/O			82.8		%	

Mid-Atlantic Controls Corporation

Day Report

Heating Plant Day Operations Report

9/29/2019 7:00 AM Daily Report

Description					
	Plant				
Heating Degree Days	0.00				
Total Plant Steam Flow		13	6.45		klbs
Steam Flow Per Heating Degree Day					klbs/hdc
Total Condensate Return Water Flow			9.4		klbs
Total Plant Gas Flow		16	9.59		kscf
Total Plant Gas Cost		\$1,0)41.43		\$
Total Plant Oil Flow		(0.0		gals
Total Plant Oil Cost		\$0	0.06		\$
Total Plant Fuel Cost		\$1,0)41.48		\$
Fuel Cost Per Heating Degree Day					\$/hdd
Plant Average Steam Cost Per Degree Day			6-0-b		\$/klbs
Total Plant Efficiency By I/O	78.8				
Condensate Transfer Pump #1 Run Time			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	23.5				
Fuel Oil Pump #1 Run Time			3.5		hrs
Fuel Oil Pump #2 Run Time	0.0				
	Boiler 1	Boiler 2	Boiler 3	Boiler 4	Units
Run Time	0.6	0.0	23.5	0.2	hrs
Steam Flow	0.00	0.00	136.45	0.00	klbs
Gas Flow	3.07	0.00	165.31	1.21	kscf
Natural Gas Cost	\$18.87	\$0.00	\$1,015.12	\$7.44	S
Oil Flow	0.0	0.0	0.0	0.0	gals
Oil Cost	\$0.00	\$0.00	\$0.06	\$0.00	\$
Total Fuel Cost	\$18.87	\$0.00	\$1,015.18	\$7.44	S
Average Steam Cost		Ψ0.00	\$7.44	Ψ1. ΤΤ	\$/klbs
Efficiency By Losses	75.5	0.0	83.1	76.0	%
Efficiency By I/O		1	80.8	10.0	%

Mid-Atlantic Controls Corporation

Day Report

Heating Plant Day Operations Report

9/30/2019 7:00 AM Daily Report

Description		D	ant		Units
Heating Degree Days			.00		hdd
Total Plant Steam Flow			6.97		klbs
Steam Flow Per Heating Degree Day					klbs/hd
Total Condensate Return Water Flow			3.4		klbs
Total Plant Gas Flow			2.09		
Total Plant Gas Cost			56.75		kscf
Total Plant Oil Flow			0.0		
Total Plant Oil Cost			0.00		gals
Total Plant Fuel Cost			56.75		\$
Fuel Cost Per Heating Degree Day					\$ \$/hdd
Plant Average Steam Cost Per Degree Day	***************************************				
Total Plant Efficiency By I/O		7	7.9		\$/klbs
Total Flatt Emclestey By 110			7.9		%
Condensate Transfer Pump #1 Run Time		2	3.5		hεs
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	23.5				
Fuel Oil Pump #1 Run Time	23.5				
Fuel Oil Pump #2 Run Time	0.0				
	Boiler 1	D.11.0			
Run Time	0.5	Boiler 2	Boiler 3	Boiler 4	Units
Steam Flow			23.5	0.3	hrs
Gas Flow	0.00	0.00	136.97	0.00	klbs
Natural Gas Cost	\$17.39	0.00	167.45	1.81	kscf
Oil Flow		\$0.00	\$1,028.24	\$11.13	\$
Oil Cost	0.0	0.0	0.0	0.0	gals
Total Fuel Cost	\$0.00	\$0.00	\$0.00	\$0.00	\$
Average Steam Cost	\$17.39	\$0.00	\$1,028.24	\$11.13	\$
			\$7.51		\$/klbs
Efficiency By Losses	77.1	0.0	83.1	80.1	%
Efficiency By I/O Mid-Atlantic Controls Corporation	Day Report				