Heating Plant Day Operations Report

8/1/2019 7:00 AM Daily Report

Description

	Plant					
Heating Degree Days		0.	00		hdd	
Total Plant Steam Flow		129	9.25		klbs	
Steam Flow Per Heating Degree Day						
Total Condensate Return Water Flow		9	.4		klbs	
Total Plant Gas Flow		165	5.54		kscf	
Total Plant Gas Cost		\$1,0	16,53		\$	
Total Plant Oil Flow		0	.0		gals	
Total Plant Oil Cost		\$0	.00		\$	
Total Plant Fuel Cost		\$1,0	16,53		\$	
Fuel Cost Per Heating Degree Day			_		\$/hdd	
Plant Average Steam Cost Per Degree Day			••		\$/klbs	
Total Plant Efficiency By I/O		76	6.5		%	
Condensate Transfer Pump #1 Run Time		2:	3.5		hrs	
Condensate Transfer Pump #2 Run Time			3.5		hrs	
Condensate Transfer Pump #3 Run Time			3.5		hrs	
Boiler Feed Pump #1 Run Time			3.5		hrs	
Boiler Feed Pump #2 Run Time			3.5		hrs	
Boiler Feed Pump #3 Run Time			3.5		hrs	
Boiler Feed Pump #4 Run Time			3.5		hrs	
Fuel Oil Pump #1 Run Time			3.5		hrs	
Fuel Oil Pump #2 Run Time			.0		hrs	
	Boiler 1	Boiler 2	Boiler 3	Boiler 4	Units	
Run Time	0.6	0.0	0.0	21.9	hrs	
Steam Flow	0.00	0.00	0.00	129.25	klbs	
Gas Flow	3.06	0.00	0.00	162.48	kscf	
Natural Gas Cost	\$18.78	\$0.00	\$0.00	\$997.76	\$	
Oil Flow	0.0				gals	
Oil Cost	\$0.00					
Fotal Fuel Cost	\$18.78	\$0.00	\$0.00	\$997.76	\$	
Average Steam Cost	410.70	40.00		\$7.72	\$/klbs	
Efficiency By Losses	77.4	0.0	0.0	82.3	%	
Efficiency By I/O	17.7	0.0	0.0	77.9	%	
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Mid-Atlantic Controls Corporation

Day Report

Heating Plant Day Operations Report

8/2/2019 7:00 AM Daily Report

Description

Description						
	Plant					
Heating Degree Days		0.00				
Total Plant Steam Flow	130,01					
Steam Flow Per Heating Degree Day		neo .				
Total Condensate Return Water Flow	9.3					
Total Plant Gas Flow		170	0.47		kscf	
Total Plant Gas Cost		\$1,0	46.80		\$	
Total Plant Oil Flow		0	0.0		gals	
Total Plant Oil Cost		\$0	.00		\$	
Total Plant Fuel Cost		\$1,0	46.80		\$	
Fuel Cost Per Heating Degree Day			-		\$/hdd	
Plant Average Steam Cost Per Degree Day			••		\$/klbs	
Total Plant Efficiency By I/O	74.7					
Condensate Transfer Pump #1 Run Time		21	3.5		- I Server	
Condensate Transfer Pump #2 Run Time			3.5		hrs	
Condensate Transfer Pump #3 Run Time			3.5		hrs	
Boiler Feed Pump #1 Run Time					hrs	
Boiler Feed Pump #1 Run Time			3.5		hrs	
Boiler Feed Pump #3 Run Time			3.5		hrs	
	_		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	0.5	0.0	1.1	21.7	hrs	
Steam Flow	0.00	0.00	0.00	130.01	klbs	
Gas Flow	2.65	0.00	4.01	163.81	kscf	
Natural Gas Cost	\$16.27	\$0.00	\$24.64	\$1,005.89	\$	
Oil Flow	0.0	0.0	0.0	0.0	gals	
Oil Cost	\$0.00	\$0.00	\$0.00	\$0.00	\$	
Total Fuel Cost	\$16.27	\$0.00	\$24.64	\$1,005.89	\$	
Average Steam Cost	_			\$7.74	\$/klbs	
Efficiency By Losses	82.4	0.0	79.7	81.6	%	
Efficiency By I/O				77.7	%	
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Mid-Atlantic Controls Corporation

Day Report

Heating Plant Day Operations Report

8/3/2019 7:00 AM Daily Report

	Plant					
Heating Degree Days		0.	00		hdd	
Total Plant Steam Flow		138	3.14		klbs	
Steam Flow Per Heating Degree Day					klbs/ho	
Total Condensate Return Water Flow		9	.4		klbs	
Total Plant Gas Flow		175	5.41		kscf	
Total Plant Gas Cost		\$1,0	77.17		\$	
Total Plant Oil Flow		0	.0		gals	
Total Plant Oil Cost		\$0	.00		\$	
Total Plant Fuel Cost		\$1,0	77.17		\$	
Fuel Cost Per Heating Degree Day	-		-		\$/hdd	
Plant Average Steam Cost Per Degree Day					\$/klbs	
Total Plant Efficiency By I/O		7	7.1		%	
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		hrs	
	Boiler 1	Boiler 2	Boiler 3	Boiler 4	Units	
Run Time	0.6	0.0	0.7	22.4	hrs	
Steam Flow	0.00	0.00	0.00	138.14	klbs	
Gas Flow	3.24	0.00	2.33	169.84	kscf	
Natural Gas Cost	\$19.91	\$0.00	\$14.28	\$1,042.97	\$	
Oil Flow	0.0	0.0	0.0	0.0	gals	
Oil Cost	\$0.00	\$0.00	\$0.00	\$0.00	\$	
Total Fuel Cost	\$19.91	\$0.00	\$14.28	\$1,042.97	s	
Average Steam Cost	***		***	\$7.55	\$/klbs	
Efficiency By Losses	83.5	0.0	81.8	81.8	%	
Efficiency By I/O				79.7	%	

Heating Plant Day Operations Report

8/4/2019 7:00 AM Daily Report

	Plant					
Heating Degree Days		0.	00		hdd	
Total Plant Steam Flow		128	3.48		klbs	
Steam Flow Per Heating Degree Day			••		klbs/hd	
Total Condensate Return Water Flow		9	.3		klbs	
Total Plant Gas Flow		166	5.14		kscf	
Total Plant Gas Cost		\$1,0	20.23		\$	
Total Plant Oil Flow		0	.0		gals	
Total Plant Oil Cost		\$0	.00		\$	
Total Plant Fuel Cost		\$1,0	20.23		\$	
Fuel Cost Per Heating Degree Day			_		\$/hdd	
Plant Average Steam Cost Per Degree Day			••		\$/klbs	
Total Plant Efficiency By I/O		75	5.7		%	
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		23	3.5		hrs	
Boiler Feed Pump #1 Run Time		23	3.5		hrs	
Boiler Feed Pump #2 Run Time			3.5		hrs	
Boiler Feed Pump #3 Run Time		23	3.5		hrs	
Boiler Feed Pump #4 Run Time			3.5		hrs	
Fuel Oil Pump #1 Run Time		23	3.5		hrs	
Fuel Oil Pump #2 Run Time			.0		hrs	
	Boiler 1	Boiler 2	Boiler 3	Boiler 4	Units	
Run Time	0.5	0.0	0.6	22.0	hrs	
Steam Flow	0.00	0.00	0.00	128 48	klbs	
Gas Flow	2.72	0.00	1.96	161.46	kscf	
Natural Gas Cost	\$16.73	\$0.00	\$12.03	\$991.48	\$	
Oil Flow	0.0	0.0	0.0	0.0	gals	
Oil Cost	\$0.00	\$0.00	\$0.00	\$0.00	\$	
Total Fuel Cost	\$16.73	\$0.00	\$12.03	\$991.48	\$	
Average Steam Cost			•••	\$7.72	\$/klbs	
Efficiency By Losses	77.1	0.0	76.6	81.7	%	
Efficiency By I/O				77.9	%	

Heating Plant Day Operations Report

8/5/2019 7:00 AM Daily Report

	Plant					
Heating Degree Days		0.	00		hdd	
Total Plant Steam Flow		130	0.19		klbs	
Steam Flow Per Heating Degree Day			••		klbs/ho	
Total Condensate Return Water Flow		9	.2		klbs	
Total Plant Gas Flow		168	3.30		kscf	
Total Plant Gas Cost		\$1,0	33.47		\$	
Total Plant Oil Flow		0	.0		gals	
Total Plant Oil Cost		\$0	.00		\$	
Total Plant Fuel Cost		\$1,0	33.47		\$	
Fuel Cost Per Heating Degree Day			-		\$/hdd	
Plant Average Steam Cost Per Degree Day			_		\$/klbs	
Total Plant Efficiency By I/O		7	5.8		%	
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	0.6	0.0	0.7	22.2	hrs	
Steam Flow	0.00	0.00	0.00	130.19	klbs	
Gas Flow	3.15	0.00	2.32	162.82	kscf	
Natural Gas Cost	\$19.37	\$0.00	\$14.24	\$999.86	\$	
Oil Flow	0.0	0.0	0.0	0.0	gals	
Oil Cost	\$0.00	\$0.00	\$0.00	\$0.00	\$	
Total Fuel Cost	\$19.37	\$0.00	\$14.24	\$999.86	S	
Average Steam Cost		***		\$7.68	\$/kibs	
Efficiency By Losses	82.8	0.0	77.3	81.8	%	
Efficiency By I/O		7.5		78.3	%	

Heating Plant Day Operations Report

8/6/2019 7:00 AM Daily Report

Description

Description						
			ant		Units	
Heating Degree Days		0.00				
Total Plant Steam Flow	147.01					
Steam Flow Per Heating Degree Day					klbs/hde	
Total Condensate Return Water Flow			.2		klbs	
Total Plant Gas Flow		182	2.05		kscf	
Total Plant Gas Cost		\$1,1	17.92		\$	
Total Plant Oil Flow		0	.0		gals	
Total Plant Oil Cost		\$0	.00		\$	
Total Plant Fuel Cost		\$1,1	17.92		\$	
Fuel Cost Per Heating Degree Day		W13.177.44				
Plant Average Steam Cost Per Degree Day		-	-		\$/kibs	
Total Plant Efficiency By I/O		79	9.1	,	%	
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		23	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	22.9	0.0	0.5	0.6	hrs	
Steam Flow	142.99	0.00	0.00	4.01	klbs	
Gas Flow	174.45	0.00	2.46	5.14	kscf	
Natural Gas Cost	\$1,071.27	\$0.00	\$15.09	\$31.56	\$	
Oil Flow	0.0	0.0	0.0	0.0	gals	
Dil Cost	\$0.00	\$0.00	\$0.00	\$0.00	\$	
Total Fuel Cost	\$1,071.27	\$0.00	\$15.09	\$31.56	\$	
Average Steam Cost	\$7.49	***		\$7.86	\$/klbs	
Efficiency By Losses	81.7	0.0	78.7	0.0	%	
Efficiency By I/O	80.3		. 3,,	76.5	%	
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Mid-Atlantic Controls Corporation

Day Report

Heating Plant Day Operations Report

8/7/2019 7:00 AM Daily Report

Description

Description					Units	
	Plant					
Heating Degree Days		0,00				
Total Plant Steam Flow		140	0,63		klbs	
Steam Flow Per Heating Degree Day		1004				
Total Condensate Return Water Flow		9	.3		klbs	
Total Plant Gas Flow		176	5,33		kscf	
Total Plant Gas Cost		\$1,0	82.79		\$	
Total Plant Oil Flow		0	.0		gals	
Total Plant Oil Cost		\$0	.00		\$	
Total Plant Fuel Cost		\$1,0	82.79		\$	
Fuel Cost Per Heating Degree Day			••		\$/hdd	
Plant Average Steam Cost Per Degree Day					\$/klbs	
Total Plant Efficiency By I/O		78	3.1		%	
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			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	0.3	hrs	
Steam Flow	140.63	0.00	0.00	0.00	klbs	
Gas Flow	172.31	0.00	2.26	1.76	kscf	
Natural Gas Cost	\$1,058.10	\$0.00	\$13.87	\$10.82	\$	
Oil Flow	0.0	0.0	0.0	0.0	gals	
Dil Cost	\$0.00	\$0.00	\$0.00	\$0.00	\$	
Fotal Fuel Cost	\$1,058.10	\$0.00	\$13.87	\$10.82	\$	
Average Steam Cost	\$7.52	\$0.00	913.07	\$10.0Z	\$/klbs	
Efficiency By Losses	81.8	0.0	74.9	75.1	%	
Efficiency By I/O	79.9	0.0	14.0	75:1	%	
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Mid-Atlantic Controls Corporation

Day Report

Heating Plant Day Operations Report

8/8/2019 7:00 AM Daily Report

Description

Description						
		Pl	ant		Units	
Heating Degree Days		0.00				
Total Plant Steam Flow		137	7.16		klbs	
Steam Flow Per Heating Degree Day		-	••		klbs/hd	
Total Condensate Return Water Flow		9	.3		klbs	
Total Plant Gas Flow		17	1,75		kscf	
Total Plant Gas Cost		\$1,0	54.70		\$	
Total Plant Oil Flow	***************************************	0	.0		gals	
Total Plant Oil Cost		\$0	.00		\$	
Total Plant Fuel Cost		\$1,0	54.70		\$	
Fuel Cost Per Heating Degree Day					\$/hdd	
Plant Average Steam Cost Per Degree Day			t-u		\$/klbs	
Total Plant Efficiency By I/O		78	3.2		%	
Condensate Transfer Pump #1 Run Time		23	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	
	Boiler 1	Boiler 2	Boiler 3	Boiler 4	Units	
Run Time	23.5	0.0	0.6	0.3	hrs	
Steam Flow	137.16	0.00	0.00	0.00	klbs	
Gas Flow	167.58	0.00	2.28	1.90	kscf	
Natural Gas Cost	\$1,029.05	\$0.00	\$13.99	\$11.66	\$	
Dil Flow	0.0	0.0	0.0	0.0	gals	
Dil Cost	\$0.00	\$0.00	\$0.00	\$0.00	\$	
otal Fuel Cost	\$1,029.05	\$0.00	\$13.99	\$11.66	\$	
Average Steam Cost	\$7.50		\$10.55	911.00	\$/klbs	
Efficiency By Losses	81.9	0.0	74.3	82.4	%	
Efficiency By I/O	80.2	0.0	17.0	02,7	%	
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Mid-Atlantic Controls Corporation

Day Report

Heating Plant Day Operations Report

8/9/2019 7:00 AM Daily Report

Description

Description		· · ·				
	Plant					
Heating Degree Days		0.00				
Total Plant Steam Flow		141	1.74		klbs	
Steam Flow Per Heating Degree Day					klbs/hdd	
Total Condensate Return Water Flow		9	0.2		klbs	
Total Plant Gas Flow		175	5.38		kscf	
Total Plant Gas Cost		\$1,0	76.94		\$	
Total Plant Oil Flow		0	0.0		gals	
Total Plant Oil Cost		\$0	.00		\$	
Total Plant Fuel Cost		\$1,0	76.94		\$	
Fuel Cost Per Heating Degree Day			_		\$/hdd	
Plant Average Steam Cost Per Degree Day		-			\$/klbs	
Total Plant Efficiency By t/O		79	9.1	4	%	
Condensate Transfer Pump #1 Run Time		\$0.00 \$1,076.94 				
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					hrs	
Boiler Feed Pump #2 Run Time		2:	3.5		hrs	
Boiler Feed Pump #3 Run Time					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	23.5	0.0	0.6	0.3	hrs	
Steam Flow	141.74	0.00	0.00	0.00	klbs	
Gas Flow	171.46	0.00	2.30	1.62	kscf	
Natural Gas Cost	\$1,052.88	\$0.00	\$14.09	\$9.97	S	
Oil Flow	0.0	0.0	0.0	0.0	gals	
Oil Cost	\$0.00					
Total Fuel Cost	\$1,052.88	\$0.00	\$14.09	\$9.97	\$	
Average Steam Cost	\$7.43	***		444	\$/klbs	
Efficiency By Losses	81.8	0.0	79.2	76.1	%	
Efficiency By I/O	81.0			11.50	%	
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Mid-Atlantic Controls Corporation

Day Report

Heating Plant Day Operations Report

8/10/2019 7:00 AM Daily Report

Description

Description				<u> </u>		
	Plant					
Heating Degree Days		0,	00		hdd	
Total Plant Steam Flow		141	1.86		klbs	
Steam Flow Per Heating Degree Day		-	-		klbs/hdd	
Total Condensate Return Water Flow		9	.2		klbs	
Total Plant Gas Flow		175	5.50		kscf	
Total Plant Gas Cost		\$1,0	77.68		\$	
Total Plant Oil Flow		0	.0		gals	
Total Plant Oil Cost		\$0	.00		\$	
Total Plant Fuel Cost		\$1,0	77.68		\$	
Fuel Cost Per Heating Degree Day			••		\$/hdd	
Plant Average Steam Cost Per Degree Day		-	_		\$/klbs	
Total Plant Efficiency By I/O		79	9.2		%	
Condensate Transfer Pump #1 Run Time		23	3.5	1	hrs	
Condensate Transfer Pump #2 Run Time			3.5		hrs	
Condensate Transfer Pump #3 Run Time			3.5		hrs	
Boiler Feed Pump #1 Run Time			3.5		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		23	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	0.3	hrs	
Steam Flow	141.86	0.00	0.00	0.00	klbs	
Gas Flow	171.44	0.00	2.31	1.75	kscf	
Natural Gas Cost	\$1,052.76	\$0.00	\$14.19	\$10.74	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	\$1,052.76	\$0.00	\$14.19	\$10.74	S	
Average Steam Cost	\$7.42		000		\$/klbs	
Efficiency By Losses	81.8	0.0	74.1	82.5	%	
Efficiency By I/O	81.0			02.0	%	
Mid-Atlantic Controls Corporation		ay Poport			Dags 4 of 4	

Mid-Atlantic Controls Corporation

Day Report

Heating Plant Day Operations Report

8/11/2019 7:00 AM Daily Report

Description

Description					
		Pla	ant		Units
Heating Degree Days		0.	00		hdd
Total Plant Steam Flow		137	7.26		klbs
Steam Flow Per Heating Degree Day					
Total Condensate Return Water Flow		9	.1		klbs
Total Plant Gas Flow		171	1.98		kscf
Total Plant Gas Cost		\$1,0	56.08		\$
Total Plant Oil Flow		0	.0		gals
Total Plant Oil Cost		\$0	.00		\$
Total Plant Fuel Cost		\$1,0	56.08		\$
Fuel Cost Per Heating Degree Day			••		\$/hdd
Plant Average Steam Cost Per Degree Day			-		\$/klbs
Total Plant Efficiency By I/O		78	3.2		%
Condensate Transfer Pump #1 Run Time		23	3.5	i	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	0.6	0.3	hrs
Steam Flow	137.26	0.00	0.00	0.00	klbs
Gas Flow	167.45	0.00	2.31	2.22	kscf
Natural Gas Cost	\$1,028.27	\$0.00	\$14.20	\$13.61	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	\$1,028.27	\$0.00	\$14.20	\$13.61	\$
Average Steam Cost	\$7.49		•••	_	\$/klbs
Efficiency By Losses	81.7	0.0	74.0	76.5	%
Efficiency By I/O	80.3	-4-	1.1.2		%
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Day Report

Heating Plant Day Operations Report

8/12/2019 7:00 AM Daily Report

	Plant					
Heating Degree Days	_	0.	00		hdd	
Total Plant Steam Flow		137	7.24		klbs	
Steam Flow Per Heating Degree Day			-		klbs/hd	
Total Condensate Return Water Flow		9	2		klbs	
Total Plant Gas Flow			1.42		kscf	
Total Plant Gas Cost		\$1.0	52.65		S	
Total Plant Oil Flow			.0		gals	
Total Plant Oil Cost		\$0	.00		\$	
Total Plant Fuel Cost		\$1.0	52 65		S	
Fuel Cost Per Heating Degree Day					\$/hdd	
Plant Average Steam Cost Per Degree Day			_		\$/klbs	
Total Plant Efficiency By I/O	78.4					
Condensate Transfer Pump #1 Run Time		25	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	
Teorem Tamp II 2 Tear Time			.0	1	1113	
	Boiler 1	Boiler 2	Boiler 3	Boiler 4	Units	
Run Time	23.5	0.0	0.7	0.3	hrs	
Steam Flow	137.24	0.00	0.00	0.00	klbs	
Gas Flow	167.28	0.00	2.36	1.78	kscf	
Natural Gas Cost	\$1,027.23	\$0.00	\$14.48	\$10.93	\$	
Oil Flow	0.0	0.0	0.0	0.0	gals	
Oil Cost	\$0.00	\$0.00	\$0.00	\$0.00	\$	
Total Fuel Cost	\$1,027.23	\$0.00	\$14.48	\$10.93	\$	
Average Steam Cost	\$7.49			-	\$/klbs	
Efficiency By Losses	81.7	0.0	75.8	78.3	%	
Efficiency By I/O	80.3				%	

Heating Plant Day Operations Report

8/13/2019 7:00 AM Daily Report

	Plant				
Heating Degree Days	0.00				
Total Plant Steam Flow		142	2.84		klbs
Steam Flow Per Heating Degree Day			-		klbs/hd
Total Condensate Return Water Flow		9	.3		klbs
Total Plant Gas Flow		176	5.25		kscf
Total Plant Gas Cost		\$1,0	82.31		S
Total Plant Oil Flow		0	.0		gals
Total Plant Oil Cost		\$0	.00		\$
Total Plant Fuel Cost		\$1.0	32.31		S
Fuel Cost Per Heating Degree Day			_		\$/hdd
Plant Average Steam Cost Per Degree Day			_		\$/klbs
Total Plant Efficiency By I/O		79	9.4		%
Condensate Transfer Pump #1 Run Time		2	3.5		
Condensate Transfer Pump #2 Run Time	11 12 12 12				hrs
Condensate Transfer Pump #3 Run Time			3.5		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		hrs
Fuel Oil Pump #2 Run Time	0.0				
	Boiler 1	Boiler 2	Boiler 3	Boiler 4	Units
Run Time	23.5	0.0	0.7	0.1	hrs
Steam Flow	142.84	0.00	0.00	0.00	klbs
Gas Flow	173.21	0.00	2.59	0.45	kscf
Natural Gas Cost	\$1,063.64	\$0.00	\$15.91	\$2.77	\$
Oil Flow	0.0	0.0	0.0	0.0	gals
Oil Cost	\$0.00 \$0.00 \$0.00				
Total Fuel Cost	\$1,063.64	\$0.00	\$15.91	\$2.77	\$ \$
Average Steam Cost	\$7.45		***		\$/klbs
Efficiency By Losses	81.8	0.0	80.5	0.0	%
Efficiency By I/O	80.8				%

Heating Plant Day Operations Report

8/14/2019 7:00 AM Daily Report

Description

Description					
	Plant				
Heating Degree Days		0,	00		hdd
Total Plant Steam Flow		141	1.05		klbs
Steam Flow Per Heating Degree Day					klbs/hde
Total Condensate Return Water Flow		9	.4		klbs
Total Plant Gas Flow		174	1.09		kscf
Total Plant Gas Cost		\$1,00	69.02		\$
Total Plant Oil Flow		0	.0		gals
Total Plant Oil Cost		\$0	.00		\$
Total Plant Fuel Cost		\$1,00	59.02		\$
Fuel Cost Per Heating Degree Day		-	-		\$/hdd
Plant Average Steam Cost Per Degree Day					\$/klbs
Total Plant Efficiency By I/O		79	9.3		%
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
Fuet 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	23.5	0.0	0.6	0.0	hrs
Steam Flow	141.05	0.00	0.00	0.00	klbs
Gas Flow	171.94	0.00	2.15	0.00	kscf
Natural Gas Cost	\$1,055.83	\$0.00	\$13.19	\$0.00	\$
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	\$1,055.83	\$0.00	\$13.19	\$0.00	S
Average Steam Cost	\$7.49		***		\$/klbs
Efficiency By Losses	81.8	0.0	79.4	0.0	%
Efficiency By I/O	80.3				%
Mid-Atlantic Controls Corporation		av Report			Page 1 of

Mid-Atlantic Controls Corporation

Day Report

**Heating Plant Day Operations Report** 

8/15/2019 7:00 AM Daily Report

		Pl	ant		Units
Heating Degree Days	0.00				
Total Plant Steam Flow		140	0.26		klbs
Steam Flow Per Heating Degree Day			_		klbs/hdd
Total Condensate Return Water Flow		9	.4		klbs
Total Plant Gas Flow		173	3.45		kscf
Total Plant Gas Cost		\$1,0	65.09		\$
Total Plant Oil Flow		0	.0		gals
Total Plant Oil Cost		\$0	.00		\$
Total Plant Fuel Cost		\$1,0	65.09		\$
Fuel Cost Per Heating Degree Day			••		\$/hdd
Plant Average Steam Cost Per Degree Day			_		\$/klbs
Total Plant Efficiency By I/O		79	9.2		%
	<u> </u>				
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		23	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				
	Boiler 1	Boiler 2	Boiler 3	Boiler 4	Units
Run Time	23.5	0.0	0.6	0.0	hrs
Steam Flow	140.26	0.00	0.00	0.00	klbs
Gas Flow	171.27	0.00	2.18	0.00	kscf
Natural Gas Cost	\$1,051.73	\$0.00	\$13.36	\$0.00	S
Oil Flow	0.0	0.0	0.0	0.0	gals
Oil Cost	\$0.00 \$0.00 \$0.00				
Total Fuel Cost	\$1,051.73	\$0.00	\$13.36	\$0.00	\$
Average Steam Cost	\$7.50				\$/klbs
Efficiency By Losses	81.8	0.0	73.8	0.0	%
Efficiency By I/O	80.2				%

**Heating Plant Day Operations Report** 

8/16/2019 7:00 AM Daily Report

		Pla	ant		Units
Heating Degree Days		0.	00		hdd
Total Plant Steam Flow		142	2.45		klbs
Steam Flow Per Heating Degree Day			••		klbs/hd
Total Condensate Return Water Flow		9	.3		kibs
Total Plant Gas Flow		174	1.73		kscf
Total Plant Gas Cost		\$1,0	72.95		\$
Total Plant Oil Flow		0	.0		gals
Total Plant Oil Cost		\$0	.00		\$
Total Plant Fuel Cost		\$1,0	72.95		S
Fuel Cost Per Heating Degree Day					\$/hdd
Plant Average Steam Cost Per Degree Day					\$/klbs
Total Plant Efficiency By I/O		79	9.8		%
Condensate Transfer Pump #1 Run Time		20	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				
			3.5		hrs
Boiler Feed Pump #2 Run Time Boiler Feed Pump #3 Run Time			3.5	-	hrs
			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	}	hrs
	Boiler 1	Boiler 2	Boiler 3	Boiler 4	Units
Run Time	23.5	0.0	0.7	0.0	hrs
Steam Flow	142.45	0.00	0.00	0.00	klbs
Gas Flow	172.33	0.00	2.40	0.00	kscf
Natural Gas Cost	\$1,058.21	\$0.00	\$14.74	\$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	\$1,058.21	\$0.00	\$14.74	\$0.00	\$
Average Steam Cost	\$7.43				\$/klbs
Efficiency By Losses	81.8	0.0	75.8	0.0	%
Efficiency By I/O	81.0				%

**Heating Plant Day Operations Report** 

8/17/2019 7:00 AM Daily Report

Description

Units
hdd
klbs
klbs/hdd
klbs
kscf
\$
gals
\$
\$
\$/hdd
\$/klbs
%
hrs
Units
hrs
klbs
kscf
\$
gals
\$
\$
\$/klbs
%
%

Mid-Atlantic Controls Corporation

Day Report

Heating Plant Day Operations Report

8/18/2019 7:00 AM Daily Report

	Plant				
Heating Degree Days			00		Units
Total Plant Steam Flow			1.98		klbs
Steam Flow Per Heating Degree Day					klbs/hd
Total Condensate Return Water Flow			.2		klbs
Total Plant Gas Flow			3.26		kscf
Total Plant Gas Cost			33.21		\$
Total Plant Oil Flow	-		.0		gals
Total Plant Oil Cost			.00	***************************************	\$
Total Plant Fuel Cost			33.21		S
Fuel Cost Per Heating Degree Day					\$/hdd
Plant Average Steam Cost Per Degree Day					\$/klbs
Total Plant Efficiency By I/O		78	3.6		%
					70
Condensate Transfer Pump #1 Run Time	23.5				
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	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				
				1	
	Boiler 1	Boiler 2	Boiler 3	Boiler 4	Units
Run Time	23.5	0.0	0.7	0.0	hrs
Steam Flow	134.98	0.00	0.00	0.00	klbs
Gas Flow	165.62	0.00	2.63	0.00	kscf
Natural Gas Cost	\$1,017.05	\$0.00	\$16.17	\$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	\$1,017.05	\$0.00	\$16.17	\$0.00	\$
Average Steam Cost	\$7.53				\$/klbs
Efficiency By Losses	81.8	0.0	76.2	0.0	%
Efficiency By I/O	79.8				%

Heating Plant Day Operations Report

8/19/2019 7:00 AM Daily Report

Description

	<del> </del>			
	PI	ant		Units
	0.	00		hdd
	13:	3.22		klbs
				klbs/hdd
	9	.2		klbs
	166	5.66		kscf
	\$1,0	23.41		\$
	0	.0		gals
	\$0	.00		\$
	\$1,0	23.41		\$
		-		\$/hdd
		••		\$/klbs
	78	3.3		%
	2'	3.5		hrs
				hrs
				hrs
				hrs
				hrs
0.0				
D 12 4				
				Units
				hrs
				klbs
				kscf
	- transfeld - de-de-de-de-			\$
				gals
				\$
	\$0.00	\$14.72	\$0.00	\$
\$7.57		***	****	\$/klbs
	0.0	74.7	0.0	%
79.4				%
	81.8 79.4	Boiler 1   Boiler 2	Boiler 1         Boiler 2         Boiler 3           23.5         0.0         0.7           133.22         0.00         0.00           164.26         0.00         2.40           \$1,008.69         \$0.00         \$14.72           0.0         0.0         0.0           \$0.00         \$0.00         \$0.00           \$1,008.69         \$0.00         \$14.72           \$7.57	0.00 133 22 9 2 166 66 \$1,023 41 00 \$0.00 \$1,023 41 78 3  78 3  23 5 23 5 23 5 23 5 23 5 23 5 23 5 2

Mid-Atlantic Controls Corporation

Day Report

Heating Plant Day Operations Report

8/20/2019 7:00 AM Daily Report

Description					
		Pl	ant		Units
Heating Degree Days		0.	00		hdd
Total Plant Steam Flow		14	1.44		klbs
Steam Flow Per Heating Degree Day			-		klbs/hde
Total Condensate Return Water Flow		9	.3		klbs
Total Plant Gas Flow		173	3,95		kscf
Total Plant Gas Cost		\$1,0	68.16		\$
Total Plant Oil Flow		0	.0		gals
Total Plant Oil Cost		\$0	.00		\$
Total Plant Fuel Cost		\$1,0	68.16		\$
Fuel Cost Per Heating Degree Day					\$/hdd
Plant Average Steam Cost Per Degree Day			-		\$/klbs
Total Plant Efficiency By I/O		79	9.6		%
Condensate Transfer Pump #1 Run Time	<u> </u>	20	3.5		[
Condensate Transfer Pump #2 Run Time			3.5		hrs
Condensate Transfer Pump #3 Run Time					hrs
Boiler Feed Pump #1 Run Time	23.5				
Boiler Feed Pump #2 Run Time	23.5 23.5				
Boiler Feed Pump #3 Run Time					hrs
Boiler Feed Pump #4 Run Time			3.5		hrs
			3.5		hrs
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	23.5	0.0	0.6	0.0	hrs
Steam Flow	141.44	0.00	0.00	0.00	klbs
Gas Flow	171.70	0.00	2.24	0.00	kscf
Natural Gas Cost	\$1,054.38	\$0.00	\$13.78	\$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	\$1,054.38	\$0.00	\$13.78	\$0.00	\$
Average Steam Cost	\$7.45		***		\$/klbs
Efficiency By Losses	81.8	0.0	73.8	0.0	%
Efficiency By I/O	80.7				%

Heating Plant Day Operations Report

8/21/2019 7:01 AM Daily Report

	Plant				
Heating Degree Days	0.00				
Total Plant Steam Flow		140	0.98		klbs
Steam Flow Per Heating Degree Day		-			klbs/hd
Total Condensate Return Water Flow		9	.3		klbs
Total Plant Gas Flow		172	2.85		kscf
Total Plant Gas Cost		\$1,0	61.42		\$
Total Plant Oil Flow		0	.0		gals
Total Plant Oil Cost		\$0	.04		\$
Total Plant Fuel Cost		\$1,0	61.46		\$
Fuel Cost Per Heating Degree Day		_			\$/hdd
Plant Average Steam Cost Per Degree Day		-			\$/klbs
Total Plant Efficiency By I/O		79	9.9		%
Condensate Transfer Pump #1 Run Time	23.5				
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	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				
	Boiler 1	Boiler 2	Boiler 3	Boiler 4	Units
Run Time	23.5	0.0	0.7	0.0	hrs
Steam Flow	140.98	0.00	0.00	0.00	klbs
Gas Flow	170.27	0.00	2.58	0.00	kscf
Natural Gas Cost	\$1,045.57	\$0.00	\$15.85	\$0.00	\$
Oil Flow	0.0	0.0	0.0	0.0	gals
Oil Cost	\$0.00	\$0.00	\$0.00	\$0.04	\$
Total Fuel Cost	\$1,045.57	\$0.00	\$15.85	\$0.04	\$
Average Steam Cost	\$7.42		_		\$/klbs
Efficiency By Losses	81.8	0.0	76.1	0.0	%
Efficiency By I/O	81.1				%

Heating Plant Day Operations Report

8/22/2019 8:01 AM Daily Report

Description

<u> </u>	<u> </u>				
Plant					
	0.	00		hdd	
	3,	16		klbs	
	-	-		klbs/hdc	
	0	2		klbs	
	3.	95		kscf	
	\$24	1.24		\$	
	0	.0		gals	
	\$0	.00		\$	
	\$24	1.24		S	
	-	-		\$/hdd	
				\$/klbs	
	78	3.4		%	
1	0	5		hrs	
				hrs	
				hrs	
	0	5		hrs	
a	0	5		hrs	
	0	5		hrs	
0.0					
Boiler 1	Boiler 2	Boiler 3	Boiler 4	Units	
				hrs	
		200		klbs	
			·	kscf	
				\$	
	0.0	0.0		gals	
				\$	
	\$0.00	\$0.00		S	
	•••			\$/klbs	
1224	0.0	76.5	0.0	%	
78.4		and a distance of		%	
	Boiler 1  0.5 3.16 3.95 \$24.24 0.0 \$0.00 \$24.24 \$7.68 81.8 78.4	O	0.00 3.16 0.2 3.95 \$24.24 0.0 \$0.00 \$0.00 \$24.24 78.4   0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0	0.00 3.16 0.2 3.95 \$24.24 0.0 \$0.00 \$0.00 \$24.24 78.4  78.4   78.4   81.8 0.0  3.16 0.0 3.16 0.0 3.16 0.0 3.16 0.0 3.16 0.0 3.95 0.0 3.16 0.0 3.95 0.0 3.95 0.0 3.95 0.0 3.95 0.0 3.00 \$0.00	

Mid-Atlantic Controls Corporation

Day Report

Heating Plant Day Operations Report

8/23/2019 7:00 AM Daily Report

Description

	Plant				
Heating Degree Days		0,	00	<del></del>	hdd
Total Plant Steam Flow		139	9.95		klbs
Steam Flow Per Heating Degree Day		-	_		klbs/hdd
Total Condensate Return Water Flow		9	.2		klbs
Total Plant Gas Flow		173	3.81		kscf
Total Plant Gas Cost		\$1,00	57.31		\$
Total Plant Oil Flow		0	.0		gals
Total Plant Oil Cost		\$0	.08		\$
Total Plant Fuel Cost		\$1,00	67.39		\$
Fuel Cost Per Heating Degree Day			••		\$/hdd
Plant Average Steam Cost Per Degree Day		_	_		\$/klbs
Total Plant Efficiency By I/O		78	3.9		%
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			3.5		hrs
Fuel Oil Pump #2 Run Time	0.0				
	Boiler 1	Boiler 2	Boiler 3	Boiler 4	Units
Run Time	23.5	0.0	0.8	0.0	hrs
Steam Flow	139.95	0.00	0.00	0.00	klbs
Gas Flow	171.01	0.00	2.80	0.00	kscf
Natural Gas Cost	\$1,050.11	\$0.00	\$17.20	\$0.00	S
Oil Flow	0.0	0.0	0.0	0.0	gals
Dil Cost	\$0.00	\$0.00	\$0.00	\$0.08	S
Total Fuel Cost	\$1,050.11	\$0.00	\$17.20	\$0.08	\$
Average Steam Cost	\$7.50	***		***	\$/klbs
Efficiency By Losses	81.8	0.0	76.5	0.0	%
Efficiency By I/O	80.1		. 3.0		%
Mid-Atlantic Controls Corporation		av Report		-	Page 1 of

Heating Plant Day Operations Report

8/24/2019 7:00 AM Daily Report

Description

Description		<del></del>			
	Plant				
Heating Degree Days		0.	00		hdd
Total Plant Steam Flow		145	5.37		klbs
Steam Flow Per Heating Degree Day		-	_		klbs/hdc
Total Condensate Return Water Flow		9	.1		klbs
Total Plant Gas Flow		178	3.51		kscf
Total Plant Gas Cost		\$1,0	96.21		\$
Total Plant Oil Flow		0	0		gals
Total Plant Oil Cost		\$0	.00		\$
Total Plant Fuel Cost		\$1,0	96.21	-1-W-4-M-Montesid	\$
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			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			3.5		hrs
Fuel Oil Pump #2 Run Time	0.0				
	Boiler 1	Boiler 2	Boiler 3	Boiler 4	Units
Run Time	23.5	0.0	0.9	0.0	hrs
Steam Flow	145.37	0.00	0.00	0.00	klbs
Gas Flow	175.35	0.00	3.16	0.00	kscf
Natural Gas Cost	\$1,076.80	\$0.00	\$19.41	\$0.00	S
Dil Flow	0.0	0.0	0.0	0.0	gals
Oil Cost	\$0.00 \$0.00 \$0.00				
Fotal Fuel Cost	\$1,076.80	\$0.00	\$19.41	\$0.00	\$
Average Steam Cost	\$7.41	40.00	\$15.41	30.00	\$/klbs
Efficiency By Losses	81.7	0.0	76.6	0.0	%
Efficiency By I/O	81.2	0.0	70.0	0.0	%
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Mid-Atlantic Controls Corporation

Day Report

Heating Plant Day Operations Report

8/25/2019 7:00 AM Daily Report

Description		<del></del>			Units	
	Plant					
Heating Degree Days	-	0,	00		hdd	
Total Plant Steam Flow		142	2.43		klbs	
Steam Flow Per Heating Degree Day		-	<del>-</del>		klbs/hd	
Total Condensate Return Water Flow		9	.1		klbs	
Total Plant Gas Flow		175	5.97		kscf	
Total Plant Gas Cost		\$1,0	30.56		\$	
Total Plant Oil Flow		0	.0		gals	
Total Plant Oil Cost		\$0	.00		\$	
Total Plant Fuel Cost		\$1,0	80.56		\$	
Fuel Cost Per Heating Degree Day					\$/hdd	
Plant Average Steam Cost Per Degree Day			••		\$/klbs	
Total Plant Efficiency By I/O		79	9.3		%	
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	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	0.0					
	Boiler 1	Boiler 2	Boiler 3	Boiler 4	Units	
Run Time	23.5	0.0	0.9	0.0	hrs	
Steam Flow	142.43	0.00	0.00	0.00	klbs	
Gas Flow	172.89	0.00	3.07	0.00	kscf	
Natural Gas Cost	\$1,061.70	\$0.00	\$18.86	\$0.00	S	
Oil Flow	0.0	0.0	0.0	0.0	gals	
Dif Cost	\$0.00	\$0.00	\$0.00	\$0.00	\$	
Fotal Fuel Cost	\$1,061.70	\$0.00	\$18.86	\$0.00	\$	
Average Steam Cost	\$7.45		download		\$/klbs	
Efficiency By Losses	81.7	0.0	77.4	0.0	%	
Efficiency By I/O	80.7					

Heating Plant Day Operations Report

8/26/2019 7:00 AM Daily Report

Description

Description						
		Plant				
Heating Degree Days		0.	00		hdd	
Total Plant Steam Flow		143	3,65		klbs	
Steam Flow Per Heating Degree Day			••		klbs/hdd	
Total Condensate Return Water Flow		9	.1		klbs	
Total Plant Gas Flow		177	7,50		kscf	
Total Plant Gas Cost		\$1,0	89,96		\$	
Total Plant Oil Flow		0	.0		gals	
Total Plant Oil Cost		\$0	.00		\$	
Total Plant Fuel Cost		\$1,0	89,96		\$	
Fuel Cost Per Heating Degree Day		-			\$/hdd	
Plant Average Steam Cost Per Degree Day		-			\$/klbs	
Total Plant Efficiency By I/O		79	9.3		%	
Condensate Transfer Pump #1 Run Time		23	3.5	1 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 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	23.5	0.0	1.0	0.0	hrs	
Steam Flow	143.65	0.00	0.00	0.00	klbs	
Gas Flow	173.91	0.00	3.59	0.00	kscf	
Natural Gas Cost	\$1,067.93	\$0.00	\$22.03	\$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	\$1,067.93	\$0.00	\$22.03	\$0.00	S	
Average Steam Cost	\$7.43	***			\$/klbs	
Efficiency By Losses	81.6	0.0	76.7	0.0	%	
Efficiency By I/O	80.9					
Mid-Atlantic Controls Corporation	Day Report					

Mid-Atlantic Controls Corporation

Day Report

Heating Plant Day Operations Report

8/27/2019 7:00 AM Daily Report

Description

	Plant				
Heating Degree Days	0.00				hdd
Total Plant Steam Flow		152	2.86		klbs
Steam Flow Per Heating Degree Day		-			klbs/hdd
Total Condensate Return Water Flow		8	.9		klbs
Total Plant Gas Flow		186	5.44		kscf
Total Plant Gas Cost		\$1,1	44.90		\$
Total Plant Oil Flow		0	.0		gals
Total Plant Oil Cost		\$0	.00		\$
Total Plant Fuel Cost		\$1,1	44.90	~·~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	\$
Fuel Cost Per Heating Degree Day			_		\$/hdd
Plant Average Steam Cost Per Degree Day					\$/klbs
Total Plant Efficiency By I/O		80	0.3		%
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				hrs
Boiler Feed Pump #2 Run Time	23.5				hrs
Boiler Feed Pump #3 Run Time	23.5				
Boiler Feed Pump #4 Run Time	11-11		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	0.9	0.0	hrs
Steam Flow	152.86	0.00	0.00	0.00	klbs
Gas Flow	183.31	0.00	3.13	0.00	kscf
Natural Gas Cost	\$1,125.65	\$0.00	\$19.25	\$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	\$1,125.65	\$0.00	\$19.25	\$0.00	\$
Average Steam Cost	\$7.36		***	***	\$/klbs
Efficiency By Losses	81.7	0.0	76.1	0.0	%
Efficiency By I/O	81.7				%
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Mid-Atlantic Controls Corporation

Day Report

Heating Plant Day Operations Report

8/28/2019 7:00 AM Daily Report

	Plant				
Heating Degree Days		21,53			
Total Plant Steam Flow		123	3.07		klbs
Steam Flow Per Heating Degree Day		5	.7		klbs/hdd
Total Condensate Return Water Flow		9	.0		klbs
Total Plant Gas Flow		174	4.42		kscf
Total Plant Gas Cost		\$1,0	71.09		\$
Total Plant Oil Flow		0	.0		gals
Total Plant Oil Cost		\$0	.00		\$
Total Plant Fuel Cost		\$1,0	71.09		\$
Fuel Cost Per Heating Degree Day		\$49	9.75		\$/hdd
Plant Average Steam Cost Per Degree Day		\$0	.40		\$/klbs
Total Plant Efficiency By I/O		69	9.1		%
Condensate Transfer Pump #1 Run Time		2:	3.3		hrs
Condensate Transfer Pump #2 Run Time		23	3.3		hrs
Condensate Transfer Pump #3 Run Time	23 3				hrs
Boiler Feed Pump #1 Run Time	23.3				hrs
Boiler Feed Pump #2 Run Time	23.3				hrs
Boiler Feed Pump #3 Run Time	23.3				
Boiler Feed Pump #4 Run Time		23	3.3		hrs
Fuel Oil Pump #1 Run Time		23	3.3		hrs
Fuel Oil Pump #2 Run Time	0.0				
	Boiler 1	Boiler 2	Boiler 3	Boiler 4	Units
Run Time	15.2	0.0	4.6	0.0	hrs
Steam Flow	99.13	0.00	23.95	0.00	klbs
Gas Flow	119.03	0.00	55,40	0.00	kscf
Natural Gas Cost	\$730.92	\$0.00	\$340.18	\$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	\$730.92	\$0.00	\$340.18	\$0.00	\$
Average Steam Cost	\$7.37		\$14.20	***	\$/klbs
Efficiency By Losses	0.0	0.0	77.8	0.0	%
Efficiency By I/O	81.6 42.3				

Heating Plant Day Operations Report

8/29/2019 7:00 AM Daily Report

Description						
		Plant				
Heating Degree Days		22	.01		hdd	
Total Plant Steam Flow		141	1.40		klbs	
Steam Flow Per Heating Degree Day		6	.4		klbs/hdd	
Total Condensate Return Water Flow		8	.7		klbs	
Total Plant Gas Flow		181	1,53		kscf	
Total Plant Gas Cost		\$1,1	14.76		\$	
Total Plant Oil Flow		0	.0		gals	
Total Plant Oil Cost		\$0	.00		\$	
Total Plant Fuel Cost		\$1,1	14.76		\$	
Fuel Cost Per Heating Degree Day		\$50	0.64		\$/hdd	
Plant Average Steam Cost Per Degree Day		\$0	.36		\$/klbs	
Total Plant Efficiency By I/O		76	6.3		%	
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		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			3.5		hrs	
Fuel Oil Pump #2 Run Time	0.0				hrs	
	Boiler 1	Boiler 2	Boiler 3	Boiler 4	111-24-	
Run Time	21.6	0.0	1.6		Units	
Steam Flow	132.97	0.00	8.44	0.0	hrs	
Gas Flow	164.93	0.00	16.61		klbs	
Natural Gas Cost	\$1,012.78	\$0.00	\$101.99	0.00	kscf	
Oil Flow	0.0	0.0		\$0.00	\$	
Oil Cost	\$0.00		0.0	0.0	gals	
Total Fuel Cost	Think a re	\$0.00	\$0.00	\$0.00	\$	
Average Steam Cost	\$1,012.78 \$7.62	\$0.00	\$101.99	\$0.00	\$	
		0.0	\$12.09		\$/klbs	
Efficiency By Losses	81.7	0.0	80.6	0.0	%	
Efficiency By I/O Mid-Atlantic Controls Corporation	79.0	ay Report	49.8		% Page 1 of 1	

Mid-Atlantic Controls Corporation

Day Report

Heating Plant Day Operations Report

8/30/2019 7:00 AM Daily Report

Description

Description					Units
	Plant				
Heating Degree Days			00		hdd
Total Plant Steam Flow			0.94		klbs
Steam Flow Per Heating Degree Day			••		klbs/hde
Total Condensate Return Water Flow			.9		klbs
Total Plant Gas Flow			4.61		kscf
Total Plant Gas Cost			33.62		\$
Total Plant Oil Flow			.0		gals
Total Plant Oil Cost		\$0	.15		\$
Total Plant Fuel Cost		\$1,1	33,77		\$
Fuel Cost Per Heating Degree Day			_		\$/hdd
Plant Average Steam Cost Per Degree Day		-	••		\$/klbs
Total Plant Efficiency By I/O		80	0,1		%
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			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	23.5	0.0	0.7	0.0	hrs
Steam Flow	150.94	0.00	0.00	0.00	klbs
Gas Flow	182.18	0.00	2.43	0.00	kscf
Natural Gas Cost	\$1,118.71	\$0.00	\$14.91	\$0.00	\$
Oil Flow	0.0	0.0	0.0	0.0	gals
Oil Cost	\$0.00	\$0.00	\$0.00	\$0.15	\$
Total Fuel Cost	\$1,118.71	\$0.00	\$14.91	\$0.15	\$
Average Steam Cost	\$7.41		ψ1 <del>4.</del> 51	<b>\$0.15</b>	\$/klbs
Efficiency By Losses	81.7	0.0	78.9	0.0	%
Efficiency By I/O	81.1	0.0	70.5	0.0	%
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Mid-Atlantic Controls Corporation

Day Report

Heating Plant Day Operations Report

8/31/2019 7:00 AM Daily Report

Description

Description						
	Plant					
Heating Degree Days		0.	00		hdd	
Total Plant Steam Flow		147	1.92		klbs	
Steam Flow Per Heating Degree Day		-			klbs/hdc	
Total Condensate Return Water Flow		9	.0		klbs	
Total Plant Gas Flow		180	).78		kscf	
Total Plant Gas Cost		\$1,1	10.10		\$	
Total Plant Oil Flow		0	.0		gals	
Total Plant Oil Cost		\$0	.00		\$	
Total Plant Fuel Cost		\$1,1	10.10		\$	
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	3.5		hrs	
Condensate Transfer Pump #2 Run Time		23	3.5		hrs	
Condensate Transfer Pump #3 Run Time		23	3.5		hrs	
Boiler Feed Pump #1 Run Time	advanter .	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		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	147.92	0.00	0.00	0.00	klbs	
Gas Flow	178.37	0.00	2.40	0.00	kscf	
Natural Gas Cost	\$1,095.35	\$0.00	\$14.74	\$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	\$1,095.35	\$0.00	\$14.74	\$0.00	S	
Average Steam Cost	\$7.41	-	•••	•••	\$/klbs	
Efficiency By Losses	81.7	0.0	82.1	0.0	%	
Efficiency By I/O	81.2				%	
Mid-Atlantic Controls Corporation	Day Report					

Mid-Atlantic Controls Corporation

Day Report