Heating Plant Day Operations Report

10/1/2018 7:00 AM Daily Report

Description

Description						
	Plant					
Heating Degree Days		0.	00		hdd	
Total Plant Steam Flow		137.35				
Steam Flow Per Heating Degree Day		1000				
Total Condensate Return Water Flow		8	.4		klbs	
Total Plant Gas Flow		174	1,75		kscf	
Total Plant Gas Cost		\$1,0	73.10		\$	
Total Plant Oil Flow	500-	0	.0		gals	
Total Plant Oil Cost		\$0	.00		\$	
Total Plant Fuel Cost		\$1,0	73.10		\$	
Fuel Cost Per Heating Degree Day		•	ww		\$/hdd	
Plant Average Steam Cost Per Degree Day		-	-		\$/klbs	
Total Plant Efficiency By I/O		77.0 5.5				
Condensate Transfer Pump #1 Run Time	1	5	.5		hrs	
Condensate Transfer Pump #2 Run Time	0.0					
Condensate Transfer Pump #3 Run Time		23.5				
Boiler Feed Pump #1 Run Time		23	3.5		hrs	
Boiler Feed Pump #2 Run Time		23	3.5		hrs	
Boiler Feed Pump #3 Run Time		23	3.5		hrs	
Boiler Feed Pump #4 Run Time		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	0.7	0.0	0.0	hrs	
Steam Flow	137.35	0.00	0.00	0.00	klbs	
Gas Flow	171.27	3.48	0.00	0.00	kscf	
Natural Gas Cost	\$1,051.71	\$21.39	\$0.00	\$0.00	S	
Oil Flow	0.0	0.0	0.0	0.0	gals	
Oil Cost	\$0.00					
Total Fuel Cost	\$1,051.71	\$21.39	\$0.00	\$0.00	S S	
Average Steam Cost	\$7.66	***		desire	\$/klbs	
Efficiency By Losses	81.5	71.5	0.0	0.0	%	
Efficiency By I/O	78.5				%	
Mid-Atlantic Controls Corporation		ay Papart			Been 1 of 1	

Mid-Atlantic Controls Corporation

Day Report

Heating Plant Day Operations Report

10/2/2018 7:00 AM Daily Report

Description

		P	lant		Units		
Heating Degree Days		0.00					
Total Plant Steam Flow			3.48		hdd		
Steam Flow Per Heating Degree Day					kibs kibs/hd		
Total Condensate Return Water Flow	7.8						
Total Plant Gas Flow			7.27		klbs		
Total Plant Gas Cost			150.00		kscf		
Total Plant Oil Flow			0.0		\$		
Total Plant Oil Cost			0.00		gals		
Total Plant Fuel Cost					\$		
Fuel Cost Per Heating Degree Day	70° - 10° -		50.00		\$		
Plant Average Steam Cost Per Degree Day		And the same of th			\$/hdd		
Total Plant Efficiency By I/O			0.0		\$/klbs %		
		80.3					
Condensate Transfer Pump #1 Run Time		2	2.6	<u></u>	hrs		
Condensate Transfer Pump #2 Run Time	1.8						
Condensate Transfer Pump #3 Run Time	23.5						
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		
uel Oil Pump #2 Run Time			3.0		hrs		
			7,0		hrs		
	Boiler 1	Boiler 2	Boiler 3	Boiler 4	Units		
Run Time	23.5	0.7	0.0	0.0	hrs		
Steam Flow	153.48	0.00	0.00	0.00	klbs		
Gas Flow	183.93	3.34	0.00		kscf		
latural Gas Cost	\$1,129.46	\$20.53	\$0.00	\$0.00	\$		
Oil Flow	0.0	0.0	0.0	0.0	gals		
pil Cost	\$0.00	\$0.00			S S		
otal Fuel Cost	\$1,129.46	30.00					
verage Steam Cost	\$7.36			\$0.00	\$		
fficiency By Losses	81.6	71.8	0.0		\$/klbs		
fficiency By I/O	81.7	11.0	0.0	0.0	%		
Mid-Atlantic Controls Corporation		y Report			1% Page 1 of 1		

Heating Plant Day Operations Report

10/3/2018 7:00 AM Daily Report

		Plant					
Heating Degree Days		0	.00		hdd		
Total Plant Steam Flow		149 19					
Steam Flow Per Heating Degree Day			•••		klbs/hdc		
Total Condensate Return Water Flow		7	'.9		klbs		
Total Plant Gas Flow	Y2	17	9.63		kscf		
Total Plant Gas Cost		\$1,1	03.06		\$		
Total Plant Oil Flow		C	0.0		gals		
Total Plant Oil Cost		\$0	0.00	APPLICATION OF STREET, AND STR	S		
Total Plant Fuel Cost		\$1,1	03.06		S		
Fuel Cost Per Heating Degree Day			•••	ti ti-villidadi. — m. epi-gi-vil ti	\$/hdd		
Plant Average Steam Cost Per Degree Day		aun.					
Total Plant Efficiency By I/O	- de-legal projects formation and the second	8	1.3		\$/klbs %		
Condensate Transfer Pump #1 Run Time		11	3.0		hrs		
Condensate Transfer Pump #2 Run Time		1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -					
Condensate Transfer Pump #3 Run Time							
Boiler Feed Pump #1 Run Time							
Boiler Feed Pump #2 Run Time							
Boiler Feed Pump #3 Run Time					hrs		
Boiler Feed Pump #4 Run Time					hrs		
Fuel Oil Pump #1 Run Time					hrs		
Fuel Oil Pump #2 Run Time	0.5 23.5 23.5 23.5 23.5 23.5 23.5 23.5				hrs		
			.0		hrs		
Run Time	Boiler 1	Boiler 2	Boiler 3	Boiler 4	Units		
Steam Flow	23.5	0.6	0.0	0.0	hrs		
Sas Flow	149.19	0.00	0.00	0.00	klbs		
The state of the s	176.60	3.03	0.00	0.00	kscf		
Natural Gas Cost	\$1,084.44	\$18,62	\$0.00	\$0.00	\$		
Dil Flow	0.0	0.0	0.0	0.0	gals		
Dil Cost	\$0.00	\$0.00	\$0.00	\$0.00	\$		
otal Fuel Cost	\$1,084.44	\$18.62	\$0.00	\$0.00	\$		
Average Steam Cost	\$7.27			delate	\$/klbs		
efficiency By Losses	81.6	75.4	0.0	0.0	%		
Efficiency By I/O Mid-Atlantic Controls Corporation	82.7				%		

Heating Plant Day Operations Report

10/4/2018 7:00 AM Daily Report

Description						
	Plant					
Heating Degree Days		0.00				
Total Plant Steam Flow		161,35				
Steam Flow Per Heating Degree Day		klbs/ndo				
Total Condensate Return Water Flow		7.4				
Total Plant Gas Flow			1.13		klbs	
Total Plant Gas Cost			73.70		\$	
Total Plant Oil Flow			0.0			
Total Plant Oil Cost			0.00		gals \$	
Total Plant Fuel Cost			73.70		\$	
Fuel Cost Per Heating Degree Day					\$/hdd	
Plant Average Steam Cost Per Degree Day		*			\$/klbs	
Total Plant Efficiency By I/O	82.7					
Condensate Transfer Pump #1 Run Time					%	
Condensate Transfer Pump #2 Run Time	13.9					
Condensate Transfer Pump #3 Run Time		8.0				
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			3.5		hrs	
- Ser Ser Verify Mc Pour Filling		0	.0		hrs	
	Boiler 1	Boiler 2	Boiler 3	Boiler 4	Units	
Run Time	23.5	0.6	0.0	0.0	hrs	
Steam Flow	161.35	0.00	0.00	0.00	klbs	
Gas Flow	188.16	2.97	0.00	0.00	kscf	
Natural Gas Cost	\$1,155.44	\$18.25	\$0.00	\$0.00	S	
Dil Flow	0.0	0.0	0.0	0.0		
Dil Cost	\$0.00	\$0.00	\$0.00	\$0.00	gals	
Total Fuel Cost	\$1,155.44	\$18.25	\$0.00	\$0.00	\$	
Average Steam Cost	\$7.16	West Control of the C		\$0.00		
Efficiency By Losses	81.6	73.2	0.0		\$/klbs	
Efficiency By I/O	84.0		0.0	0.0	%	
Mid-Atlantic Controls Corporation		ay Report			Page 1 of 1	

Heating Plant Day Operations Report

10/5/2018 7:00 AM Daily Report

Description

Heating Degree Days		Plant					
Total Plant Steam Flow		0.00					
Steam Flow Per Heating Degree Day		157.57					
Total Condensate Return Water Flow		The second secon					
Total Plant Gas Flow		klbs/hde					
Total Plant Gas Cost		18	37.41		kscf		
Total Plant Oil Flow		\$1,	150.86		\$		
Total Plant Oil Cost			0,0		gals		
Total Plant Fuel Cost		\$	0.00		\$		
Fuel Cost Per Heating Degree Day		\$1,	150.86		\$		
Plant Average Steam Cost Per Degree Day			***		\$/hdd		
Total Plant Efficiency By I/O					\$/klbs		
Total Filant Entirency By I/O	82.3				%		
Condensate Transfer Pump #1 Run Time							
Condensate Transfer Pump #2 Run Time		7.5					
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			3.5		hrs		
Boiler Feed Pump #4 Run Time			3.5		hrs		
uel Oil Pump #1 Run Time			3.5		hrs		
uel Oil Pump #2 Run Time			3.5		hrs		
			.0		hrs		
Run Time	Boiler 1	Boiler 2	Boiler 3	Boiler 4	Units		
iteam Flow	23.5	0.5	0.0	0.0	hrs		
as Flow	157.57	0.00	0.00	0.00	klbs		
latural Gas Cost	184.65	2.77	0.00	0.00	kscf		
ill Flow	\$1,133.89	\$16.98	\$0.00	\$0.00	S S		
il Cost	0.0	0.0	0.0	0.0			
and the second s	\$0.00	\$0.00	\$0.00	\$0.00	gals		
otal Fuel Cost	\$1,133.89	\$16.98	\$0.00	\$0.00	\$		
verage Steam Cost	\$7.20			30.00 	\$		
fficiency By Losses	81.6	75.3	0.0	0.0	\$/klbs		
fficiency By I/O Aid-Atlantic Controls Corporation	83.6	W AND DESCRIPTION OF THE PARTY		0.0	%		

Heating Plant Day Operations Report

10/6/2018 7:00 AM Daily Report

Heating Degree Days			Plant		Units	
Total Plant Steam Flow		0.00				
Steam Flow Per Heating Degree Day		161.03				
Total Condensate Return Water Flow	····	The state of the s				
Total Plant Gas Flow	and the second s		8.3	The second secon	klbs/ho	
Total Plant Gas Cost	Strafferds and strafferd strafferd		92.15		kscf	
Total Plant Oil Flow			179.96		S	
Total Plant Oil Cost			0.0		gals	
Total Plant Fuel Cost			0.00		\$	
Fuel Cost Per Heating Degree Day		\$1,	179.96		\$	
Plant Average Steam Cost Per Degree Day					\$/hdd	
Total Plant Efficiency By I/O					\$/klbs	
		8	32.1		%	
Condensate Transfer Pump #1 Run Time			3.3			
Condensate Transfer Pump #2 Run Time			hrs			
Condensate Transfer Pump #3 Run Time		0.2				
Boiler Feed Pump #1 Run Time			hrs			
Boiler Feed Pump #2 Run Time			hrs			
Boiler Feed Pump #3 Run Time	No. 20 10 10 10 10 10 10 10 10 10 10 10 10 10	23.5				
Boiler Feed Pump #4 Run Time			3.5	N-65-dillera	hrs	
uel Oil Pump #1 Run Time			3.5		hrs	
uel Oil Pump #2 Run Time	-		3.5	1-1	hrs	
atal Plant Gas Cost atal Plant Oil Flow atal Plant Oil Cost atal Plant Fuel Cost el Cost Per Heating Degree Day ant Average Steam Cost Per Degree Day ant Average Steam Cost Per Degree Day atal Plant Efficiency By I/O Indensate Transfer Pump #1 Run Time andensate Transfer Pump #2 Run Time andensate Transfer Pump #3 Run Time andensate Transfer Pump #3 Run Time are Feed Pump #1 Run Time are Feed Pump #4 Run Time are Feed Pump #4 Run Time are Feed Pump #2 Run Time are Flow Flow are Gas Cost Flow Cost I Fuel Cost age Steam Cost			.0		hrs	
	Boiler 1	Boiler 2	Boiler 3			
	23.5	0.7	0.0	Boiler 4	Units	
The state of the s	161.03	0.00	0.00	0,0	hrs	
	188.68	3.47	0.00	0.00	klbs	
	\$1,158.65	\$21.31	\$0.00	0.00	kscf	
	0.0	0.0	0.0	\$0.00	\$	
	\$0.00	\$0.00	\$0.00	0.0	gals	
· — · · · · · · · · · · · · · · · · · ·	\$1,158.65	\$21.31	\$0.00	\$0,00	\$	
	\$7.20			\$0.00	\$	
ficiency By Losses	81.5	72.6	0.0		\$/klbs	
ficiency By I/O	83.6	1 a. U	0.0	0.0	%	
flid-Atlantic Controls Corporation		y Report			%	

Heating Plant Day Operations Report

10/7/2018 7:00 AM Daily Report

Description

Heating Degree Days Total Plant Steam Flow Steam Flow Per Heating Degree Day Total Condensate Return Water Flow Total Plant Gas Flow Total Plant Gas Cost			0.00 50.93		Units hdd
Steam Flow Per Heating Degree Day Total Condensate Return Water Flow Total Plant Gas Flow Total Plant Gas Cost		1	50.93		
Total Condensate Return Water Flow Total Plant Gas Flow Total Plant Gas Cost					
Total Plant Gas Flow Total Plant Gas Cost			The state of the s	triumpung spingergap and the street of the s	kibs
Total Plant Gas Cost			8.6		klbs/hdd
		18	31.42		klbs
Total Plant Oil Flow			114.04		kscf S
Total Plant Oil Cost	hill—dean groups in		0.0	er derinde open gar-	gals
Total Plant Fuel Cost		\$	0.00		\$
Fuel Cost Per Heating Degree Day		\$1,	114.04		S
Plant Average Steam Cost Per Degree Day			diam.		\$/hdd
Total Plant Efficiency By I/O					\$/rida \$/klbs
Total Flant Efficiency By I/O		8	1.5		%
Condensate Transfer Pump #1 Run Time					170
Condensate Transfer Pump #2 Run Time	23.5				hrs
Condensate Transfer Pump #3 Run Time	7.5				hrs
Boiler Feed Pump #1 Run Time	0.4				hrs
Boiler Feed Pump #2 Run Time	23.5				hrs
Soiler Feed Pump #3 Run Time			3.5		hrs
Soiler Feed Pump #4 Run Time		2	3.5		hrs
uel Oil Pump #1 Run Time		2:	3.5	hrs	
uel Oil Pump #2 Run Time			3.5		hrs
		0	.0		hrs
	Boiler 1	Boiler 2	Boiler 3		
un Time	23.5	0.6		Boiler 4	Units
team Flow	150.93	0.00	0.0	0.0	hrs
as Flow	178.35	3.07	0.00	0.00	klbs
atural Gas Cost	\$1,095.18	\$18.86	0.00	0.00	kscf
il Flow	0.0	0.0	\$0.00	\$0.00	\$
il Cost	\$0.00	\$0.00	0.0	0.0	gals
otal Fuel Cost	\$1,095.18	\$18.86	\$0,00	\$0,00	\$
/erage Steam Cost	\$7.26	310.00	\$0.00	\$0.00	\$
ficiency By Losses	81.6	70.8	the state of the s		\$/klbs
ficiency By I/O Iid-Atlantic Controls Corporation	82.9	/0.8	0.0	0.0	%

Heating Plant Day Operations Report

10/8/2018 7:00 AM Daily Report

Description

Heating Degree Days			Plant		Units	
Total Plant Steam Flow		0.00				
		14	48.40		hdd	
Steam Flow Per Heating Degree Day					klbs	
Total Condensate Return Water Flow Total Plant Gas Flow			8.1		klbs/hd	
			78.81		klbs	
Total Plant Gas Cost		\$1.	098.04		kscf	
Total Plant Oil Flow Total Plant Oil Cost			0.0	the state of the s	\$	
			0.00		gals	
Total Plant Fuel Cost			098.04		\$	
Fuel Cost Per Heating Degree Day			***		\$	
Plant Average Steam Cost Per Degree Day	100 mary 100				\$/hdd	
Total Plant Efficiency By I/O		8	1.3		\$/klbs	
Condocada T					%	
Condensate Transfer Pump #1 Run Time		2	3.5		hrs	
Condensate Transfer Pump #2 Run Time	11.9					
Condensate Transfer Pump #3 Run Time	0.4					
Boiler Feed Pump #1 Run Time			hrs			
Boiler Feed Pump #2 Run Time	23.5 23.5					
Boiler Feed Pump #3 Run Time	77		3.5		hrs	
Boiler Feed Pump #4 Run Time			3.5		hrs	
ruel Oil Pump #1 Run Time			3.5	4-10-1	hrs	
uel Oil Pump #2 Run Time			.0		hrs	
					hrs	
Run Time	Boiler 1	Boiler 2	Boiler 3	Boiler 4	Units	
Steam Flow	23.5	0.5	0.0	0.0	hrs	
as Flow	148.40	0.00	0.00	0.00	klbs	
latural Gas Cost	176.05	2.76	0.00	0.00	kscf	
bil Flow	\$1,081.10	\$16.93	\$0.00	\$0.00	\$	
il Cost	0.0	0.0	0.0	0.0	gals	
otal Fuel Cost	\$0.00	\$0.00	\$0.00	\$0.00	yais \$	
verage Steam Cost	\$1,081.10	\$16.93	\$0.00	\$0.00	S	
fficiency By Losses	\$7.28			40,00	\$/klbs	
fficiency By I/O	81.6	75.6	0.0	0.0	%	
Mid-Atlantic Controls Corporation	82.6			0.0	%	

Heating Plant Day Operations Report

10/9/2018 7:00 AM Daily Report

Description

Heating Description	Plant						
Heating Degree Days Total Plant Steam Flow			0.00		Units		
		150.94					
Steam Flow Per Heating Degree Day		The state of the s					
Total Condensate Return Water Flow		8.1					
Total Plant Gas Flow		18	1.84		klbs kscf		
Total Plant Gas Cost		\$1,1	16.61		S		
Total Plant Oil Flow			0.0		gals		
Total Plant Oil Cost		\$0	0.00	Not indeed a second	\$		
Total Plant Fuel Cost		\$1,1	16.61		- Ψ - S		
Fuel Cost Per Heating Degree Day					\$/hdd		
Plant Average Steam Cost Per Degree Day	1 Service Control of the Control of						
Total Plant Efficiency By I/O	81.3						
Condensate Transfer Pump #1 Run Time					%		
Condensate Transfer Pump #2 Run Time		23.5					
Condensate Transfer Pump #3 Run Time	4.3						
Boiler Feed Pump #1 Run Time	0.0						
Boiler Feed Pump #2 Run Time	23.5						
Boiler Feed Pump #3 Run Time			3.5	Mary Mary St.	hrs		
Boiler Feed Pump #4 Run Time			3.5		hrs		
uel Oil Pump #1 Run Time			3.5		hrs		
uel Oil Pump #2 Run Time			3.5		hrs		
		0	.0		hrs		
Run Time	Boiler 1	Boiler 2	Boiler 3	Boiler 4	Units		
Steam Flow	23.5	0.6	0.0	0.0	hrs		
as Flow	150.94	0,00	0.00	0.00	klbs		
latural Gas Cost	178.82	3.02	0.00	0.00	kscf		
bil Flow	\$1,098.08	\$18.53	\$0.00	\$0.00	\$		
il Cost	0.0	0.0	0.0	0.0	gals		
	\$0.00	\$0.00	\$0.00	\$0.00	\$		
otal Fuel Cost	\$1,098.08	30 00					
verage Steam Cost	\$7.27		- Otro		\$ \$/klbs		
fficiency By Losses	81.5	74.4	0.0	0.0	%		
fficiency By I/O Mid-Atlantic Controls Corporation	82.7			0.0	%		

Central State Hospital Heating Plant Day Operations Report

10/10/2018 7:00 AM Daily Report

Mid-Atlantic Controls Corporation	? a	уу Report			Page 1 of
fliciency By I/O	6.58				%
Etliciency By Losses	9,18	73.8	0.0	0.0	%
Average Steam Cost	Z1 Z\$	***			\$\KIDS
otal Fuel Cost	84,271,18	86.71\$	00.0\$	00.0\$	\$
tsoO liC	00'0\$	00 0\$	00'0\$	00.0\$	\$
wol7 liC	0.0	0.0	0.0	0.0	gals
Vatural Gas Cost	84.271,12	85.712	00'0\$	00.0\$	\$
wol7 sas	191,42	283	0.00	00.0	kacı
steam Flow	163.94	00.0	0.00	00.0	KIPS
emiT nus	23,5	90	0.0	0.0	hrs
	P selies 1	Soiler 2	Soiler 3	4 relio8	stinU
əmiT nuA 2# qmu4 liO ləu		0	0		sıų
eniT nuß f# qmu filo leu	Aprelland date: Name .		g.		sıų
omiT nuS 44 Run Time			3.		sırı
Soiler Feed Pump #3 Run Time			9'		sıų
Soiler Feed Pump #2 Run Time			91		ราทุ '
Soiler Feed Pump #1 Run Time		53			pus
Condensate Transfer Pump #3 Run Time			0		pus
ondensate Transfer Pump #2 Run Time			6		puz
emiT nuß I # qmud 191znate Transter Pung #1		53		1-10-10-10-1-1-1-1-1-1-1-1-1-1-1-1-1-1-	sıų
otal Plant Efficiency By I/O		Z8	9"		%
Plant Average Steam Cost Per Degree Day		-			\$\KIP2
uel Cost Per Heating Degree Day					ppu/\$
otal Plant Fuel Cost		SL'LS	98.26		\$
otal Plant Oil Cost	-00-0-		00		\$
wold liO install lio	P-00-00-010	0			slag
otal Plant Gas Cost			98.26		\$
otal Plant Gas Flow			92.		kacı
otal Condensate Return Water Flow		7		-77-11-11-12-1212-112-112-12-12-12-12-12-12-12-12-12-12-	KIPS
Steam Flow Per Heating Degree Day	-	-			kips/hdc
otal Plant Steam Flow		163	76		KIPS
leating Degree Days	de adiadraministra		00		ррц
			tut		stinU

Heating Plant Day Operations Report

Daily Report MA 00:7 10/11/2018

Mid-Atlantic Controls Corporation	ra D	ay Report			Page 1 of 1
O/I vB I/O	83.2				%
Efliciency By Losses	9.18	8.67	0.0	0.0	%
Average Steam Cost	\$7.23				\$\KIP\$
otal Fuel Cost	65.451,18	07.81\$	00.0\$	00'0\$	\$
tsoO iiC	00'0\$	00 0\$	00.0\$	00'0\$	\$
wol7 ii0	0.0	0 0	0.0	0.0	gals
latural Gas Cost	65.451,1\$	07.818	00 0\$	00.0\$	\$
wold sag	66,781	3.04	00.0	00.0	kecţ
gesm Flow	Z9 69 L	00.00	00.0	0.00	klps
emiT nus	53.5	9.0	0.0	0.0	hrs
	r 19lioB	Soiler 2	E aslioB	4 telioB	atinU.
eml Timp #2 Run Time		0	0		plrs
eniT nuA t # qmu q liO leu			S.		hrs
Soiler Feed Pump #4 Run Time			9'		pus
Soiler Feed Pump #3 Run Time	Publishedow		Ġ.		pıç
Soiler Feed Pump #2 Run Time			g		sıų
Soiler Feed Pump #1 Run Time			Ğ.		21H
Condensate Transfer Pump #3 Run Time		0		· · · · · · · · · · · · · · · · · · ·	hrs
ondensate Transfer Pump #2 Run Time		b			hrs
emiT nuR I # qmu Tisnsi Tisanehno			G,		prs
otal Plant Efficiency By I/O			6*		%
Slant Average Steam Cost Per Degree Day		-			2/kłps
uel Cost Per Heating Degree Day		-	-	- White to the selling	ppy/\$
otal Plant Fuel Cost	The second secon	۲۱'۱\$	30.5	- All Aller -	\$
otal Plant Oil Cost		0\$			\$
wolf liO fins leto		0			sjeb
otal Plant Gas Cost		۲۱'۱\$	80,5		\$
otal Plant Gas Flow		161	.03		Kect
otal Condensate Return Water Flow		7			KIPS
steam Flow Per Heating Degree Day	alor-families				klbs/hdd
wolf meat Steam Flow		69L	49		klbs
leating Degree Days		0.0	00		ррц
<u>. </u>		514	ļu		atinU

Heating Plant Day Operations Report

10/12/2018 7:00 AM Daily Report

Heating Degree Days			lant		Units	
Total Plant Steam Flow	State Manager of the State of t	0.00				
Steam Flow Per Heating Degree Day			6.01		klbs	
Total Condensate Return Water Flow	** *				klbs/hd	
Total Plant Gas Flow			7.1 18.15		klbs	
Total Plant Gas Cost			kscf			
Total Plant Oil Flow	And a second sec	\$				
Total Plant Oil Cost		14	0.0		gals	
Total Plant Fuel Cost			0.00		\$	
Fuel Cost Per Heating Degree Day		\$1,2	278.22		\$	
Plant Average Steam Cost Per Degree Day					\$/hdd	
Total Plant Efficiency By I/O	Adva Adva Adva Adva Adva Adva Adva Adva					
Total Flam Emolency By Ino		8	2.8		\$/klbs	
Condensate Transfer Pump #1 Run Time		4	2.8			
Condensate Transfer Pump #2 Run Time			hrs			
Condensate Transfer Pump #3 Run Time			hrs			
Boiler Feed Pump #1 Run Time			hrs			
Boiler Feed Pump #2 Run Time	-		hrs			
Boiler Feed Pump #3 Run Time	23.5 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	
					hrs	
Run Time	Boiler 1	Boiler 2	Boiler 3	Boiler 4	Units	
Steam Flow	23.5	0,5	0.0	0.0	hrs	
Gas Flow	175.82	0.19	0.00	0.00	klbs	
Natural Gas Cost	204.70	3.45	0.00	0.00	kscf	
Dil Flow	\$1,257.03	\$21.19	\$0.00	\$0.00	S	
Dil Cost	0.0	0.0	0.0	0.0	gals	
otal Fuel Cost	\$0.00	\$0.00	\$0.00	\$0.00	\$	
verage Steam Cost	\$1,257.03	\$21.19	\$0.00	\$0.00	S	
Efficiency By Losses	\$7.15	\$114.27			\$/klbs	
	81.4	80.0	0.0	0.0	%	
Efficiency By I/O Mid-Atlantic Controls Corporation	84.1	5.3			%	

Heating Plant Day Operations Report

10/13/2018 7:00 AM Daily Report

Heating Degree Days		Р	lant		Units
Total Plant Steam Flow		4	.24		hdd
Steam Flow Per Heating Degree Day	194.89				
Total Condensate Return Water Flow		4	5.9		klbs/hdd
Total Plant Gas Flow			7.1		klbs
Total Plant Gas Cost		22	6.50		kscf
Total Plant Oil Flow		\$1,3	90.85		\$
Total Plant Oil Cost		(0.0		gals
Total Plant Fuel Cost		\$0	0.00		\$
		\$1,3	90.85		S
Fuel Cost Per Heating Degree Day		\$32	7.69		\$/hdd
Plant Average Steam Cost Per Degree Day Total Plant Efficiency By I/O		\$1	.68		\$/klbs
Total Flant Eniciency By I/O		8	4.3		%
Condensate Transfer Pump #1 Run Time			.0		
Condensate Transfer Pump #2 Run Time			3.0		hrs
Condensate Transfer Pump #3 Run Time			.4		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).5 3.5		hrs
Fuel Oil Pump #2 Run Time		0			hrs
		0			hrs
Run Time	Boiler 1	Boiler 2	Boiler 3	Boiler 4	Units
Steam Flow	23.5	0.7	0,0	0.0	hrs
Sas Flow	194.89	0.00	0.00	0.00	klbs
latural Gas Cost	222.99	3,50	0.00	0.00	kscf
Dil Flow	\$1,369.35	\$21.51	\$0.00	\$0.00	S
Dil Cost	0.0	0.0	0.0	0.0	gals
otal Fuel Cost	\$0.00	\$0.00	\$0.00	\$0.00	S
	\$1,369.35	\$21.51	\$0.00	\$0.00	S
verage Steam Cost	\$7.03		-		\$/kibs
fficiency By Losses	81.3	74.1	0.0	0.0	%
fficiency By I/O Mid-Atlantic Controls Corporation	85.6				%

Heating Plant Day Operations Report

10/14/2018 7:00 AM Daily Report

Description

Description						
		PI	ant		Units	
Heating Degree Days		9.54				
Total Plant Steam Flow		199	9.15		klbs	
Steam Flow Per Heating Degree Day		20	0.9		klbs/hd	
Total Condensate Return Water Flow		7	.0		klbs	
Total Plant Gas Flow		229	9.45		kscf	
Total Plant Gas Cost		\$1,4	08.96		\$	
Total Plant Oil Flow		0	.0		gals	
Total Plant Oil Cost		\$0	.00		\$	
Total Plant Fuel Cost		\$1,4	08.96		\$	
Fuel Cost Per Heating Degree Day		\$14	7.75		\$/hdd	
Plant Average Steam Cost Per Degree Day		\$0	.74		\$/klbs	
Total Plant Efficiency By I/O		85.0				
Condensate Transfer Pump #1 Run Time		<u> </u>	.0		hrs	
Condensate Transfer Pump #2 Run Time	· · · · · · · · · · · · · · · · · · ·		2.5		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	PP-P-II-04-00-001-01-0-0-0-0-0-0-0-0-0-0-0-0-0-	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	
	Boiler 1	Boiler 2	Boiler 3	Boiler 4	Units	
Run Time	23.5	0.7	0.0	0.0	hrs	
Steam Flow	199.15	0.00	0.00	0.00	klbs	
Gas Flow	225.87	3.57	0.00	0.00	kscf	
Natural Gas Cost	\$1,387.04	\$21.93	\$0.00	\$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	\$1,387,04	\$21.93	\$0.00	\$0.00	\$	
Average Steam Cost	\$6.96				\$/klbs	
Efficiency By Losses	81.2	77.4	0.0	0.0	%	
Efficiency By I/O	86.3				%	
Mid-Atlantic Controls Corporation		ay Report			Page 1	

Mid-Atlantic Controls Corporation

Day Report

Heating Plant Day Operations Report

10/15/2018 7:00 AM Daily Report

Description

Description						
		Plant				
Heating Degree Days		9.	26		hdd	
Total Plant Steam Flow			1.13		klbs	
Steam Flow Per Heating Degree Day		20	0.6		klbs/hdd	
Total Condensate Return Water Flow		7	.3		klbs	
Total Plant Gas Flow		220	0.97		kscf	
Total Plant Gas Cost		\$1,3	56.92		\$	
Total Plant Oil Flow		0	0.0		gals	
Total Plant Oil Cost		\$0	.00		\$	
Total Plant Fuel Cost		\$1,3	56.92		S	
Fuel Cost Per Heating Degree Day			6.52		\$/hdd	
Plant Average Steam Cost Per Degree Day		\$0	.77		\$/klbs	
Total Plant Efficiency By I/O			4.7		%	
Condensate Transfer Pump #1 Run Time			0.0		la co	
Condensate Transfer Pump #1 Run Time Condensate Transfer Pump #2 Run Time					hrs	
Condensate Transfer Pump #2 Run Time Condensate Transfer Pump #3 Run Time			.5		hrs	
Boiler Feed Pump #1 Run Time			3.5		hrs	
Boiler Feed Pump #2 Run Time			3.5		hrs	
			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	23.5	0.6	0.0	0.0	hrs	
Steam Flow	191.13	0.00	0.00	0.00	klbs	
Gas Flow	218.00	2,97	0.00	0.00	kscf	
Natural Gas Cost	\$1,338.66	\$18.25	\$0.00	\$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	\$1,338.66	\$18.25	\$0.00	\$0.00	S	
Average Steam Cost	\$7.00				\$/klbs	
Efficiency By Losses	81.4	75.2	0.0	0.0	%	
Efficiency By I/O	85.9		V-0-3	0.0	%	
Mid-Atlantic Controls Corporation		ay Report			Page 1 of	

Day Report

Heating Plant Day Operations Report

10/16/2018 7:00 AM Daily Report

Description

Description			A		11 74
Haatina Danna Dann			ant		Units
Heating Degree Days			00		hdd
Total Plant Steam Flow			5.65		klbs
Steam Flow Per Heating Degree Day	~		_		klbs/hdd
Total Condensate Return Water Flow			,6	· · · · · · · · · · · · · · · · · · ·	klbs
Total Plant Gas Flow			5.16		kscf
Total Plant Gas Cost			44.08		\$
Total Plant Oil Flow	·····		.0		gals
Total Plant Oil Cost			.00		\$
Total Plant Fuel Cost		\$1,4	44.08		\$
Fuel Cost Per Heating Degree Day					\$/hdd
Plant Average Steam Cost Per Degree Day					\$/klbs
Total Plant Efficiency By I/O			1.5		%
Condensate Transfer Pump #1 Run Time		5	.2		hrs
Condensate Transfer Pump #2 Run Time			.6		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	turne/let	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	0.5	1.6	0.0	hrs
Steam Flow	195.65	0.00	0.00	0.00	klbs
Gas Flow	222.04	2.74	10.38	0.00	kscf
Natural Gas Cost	\$1,363.48	\$16.83	\$63.76	\$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	\$1,363.48	\$16.83	\$63.76	\$0.00	S
Average Steam Cost	\$6.97	₩10.00	903.70	\$0.00	\$/klbs
Efficiency By Losses	81.5	76.9	78.5	0.0	%
Efficiency By I/O	86.3	70.0	10.0	0.0	%
Mid-Atlantic Controls Corporation		av Report			Page 1 of 1

Mid-Atlantic Controls Corporation

Day Report

Heating Plant Day Operations Report

10/17/2018 7:00 AM Daily Report

Description

Description					14.6
UC B B			ant		Units
Heating Degree Days			39		hdd
Total Plant Steam Flow			7.72		klbs
Steam Flow Per Heating Degree Day			1.3		klbs/hde
Total Condensate Return Water Flow			.4		klbs
Total Plant Gas Flow			0.36		kscf
Total Plant Gas Cost			75.97		\$
Total Plant Oil Flow			.0		gals
Total Plant Oil Cost		\$0	.00		\$
Total Plant Fuel Cost		\$1,4	75.97		\$
Fuel Cost Per Heating Degree Day		\$43	5.47		\$/hdd
Plant Average Steam Cost Per Degree Day		\$2	.10		\$/klbs
Total Plant Efficiency By I/O		84	1.6		%
Condensate Transfer Pump #1 Run Time		1	.3		hrs
Condensate Transfer Pump #2 Run Time			.0		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
rdei Oil Fditip #2 Rdif Filite	<u> </u>		. <u>u</u>		nrs
	Boiler 1	Boiler 2	Boiler 3	Boiler 4	Units
Run Time	23.5	0,7	0.8	0.0	hrs
Steam Flow	207.72	0.00	0.00	0.00	klbs
Gas Flow	233.72	3.49	3.15	0.00	kscf
Natural Gas Cost	\$1,435.20	\$21.44	\$19.33	\$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	\$1,435.20	\$21.44	\$19.33	\$0.00	\$
Average Steam Cost	\$6.91	_	_	•••	\$/klbs
Efficiency By Losses	81.4	75.0	76.7	0.0	%
Efficiency By I/O	87.0				%
Mid-Atlantic Controls Corporation		ay Report			Page 1 of

Mid-Atlantic Controls Corporation

Day Report

Heating Plant Day Operations Report

10/18/2018 7:00 AM Daily Report

Description

Description					
<u> </u>		Pl	ant		Units
Heating Degree Days		4.	61		hdd
Total Plant Steam Flow		210	0.94		klbs
Steam Flow Per Heating Degree Day		4:	5.8		klbs/hdc
Total Condensate Return Water Flow		7	.5		klbs
Total Plant Gas Flow		243	3.68		kscf
Total Plant Gas Cost		\$1,4	96.36		\$
Total Plant Oil Flow		0	.0		gals
Total Plant Oil Cost		\$0	.00		\$
Total Plant Fuel Cost		\$1,4	96.36		\$
Fuel Cost Per Heating Degree Day		\$32	4.91		\$/hdd
Plant Average Steam Cost Per Degree Day		\$1	.54		\$/klbs
Total Plant Efficiency By I/O		84	1.8		%
Condensate Transfer Pump #1 Run Time			.7		hrs
Condensate Transfer Pump #2 Run Time			.0		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
					17110
	Boiler 1	Boiler 2	Boiler 3	Boiler 4	Units
Run Time	23.5	0,7	1.0	0.0	hrs
Steam Flow	210.94	0.00	0.00	0.00	klbs
Gas Flow	236.45	3.42	3.81	0.00	kscf
Natural Gas Cost	\$1,451.96	\$21.01	\$23.39	\$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	\$1,451.96	\$21.01	\$23.39	\$0.00	\$
Average Steam Cost	\$6.88	***			\$/klbs
Efficiency By Losses	81.2	74.9	80.2	0.0	%
Efficiency By I/O	87.4				%
Mid-Atlantic Controls Corporation	Da	ay Report			Page 1 of

Mid-Atlantic Controls Corporation

Day Report

Heating Plant Day Operations Report

10/19/2018 7:00 AM Daily Report

Description

Description						
			ant		Units	
Heating Degree Days			55		hdd	
Total Plant Steam Flow		248	3.80		klbs	
Steam Flow Per Heating Degree Day			5.0		klbs/hdd	
Total Condensate Return Water Flow		7	.4		klbs	
Total Plant Gas Flow		27	7.70		kscf	
Total Plant Gas Cost		\$1,7	05.26		\$	
Total Plant Oil Flow			.0		gals	
Total Plant Oil Cost		\$0	.00		\$	
Total Plant Fuel Cost		\$1,7	05.26		\$	
Fuel Cost Per Heating Degree Day		\$10	9.66		\$/hdd	
Plant Average Steam Cost Per Degree Day		\$0	.44		\$/klbs	
Total Plant Efficiency By I/O		87.7				
Condensate Transfer Pump #1 Run Time		0	.7		hrs	
Condensate Transfer Pump #2 Run Time			.0		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	
	Bailes 4	Daile - 0	Dellaria	5.11	10.0 2411	
Run Time	Boiler 1	Boiler 2	Boiler 3	Boiler 4	Units	
Steam Flow	23.5	0.8	0.3	0.0	hrs	
Gas Flow	248.80	0.00	0.00	0.00	klbs	
	272.28	4:13	1.28	0.00	kscf	
Natural Gas Cost	\$1,672.01	\$25.37	\$7.88	\$0.00	\$	
Dil Flow	0.0	0.0	0.0	0.0	gals	
Dil Cost	\$0.00	\$0.00	\$0.00	\$0.00	\$	
Total Fuel Cost	\$1,672.01	\$25.37	\$7.88	\$0.00	\$	
Average Steam Cost	\$6.72			***	\$/klbs	
Efficiency By Losses	80.9	72.4	0.0	0.0	%	
Efficiency By I/O	89.5				%	

Mid-Atlantic Controls Corporation

Day Report

Heating Plant Day Operations Report

10/20/2018 7:00 AM Daily Report

	Plant						
Heating Degree Days		14.			Units		
Total Plant Steam Flow		239			klbs		
Steam Flow Per Heating Degree Day		16			klbs/hd		
Total Condensate Return Water Flow		7.			klbs		
Total Plant Gas Flow		278			kscf		
Total Plant Gas Cost		\$1,70			S		
Total Plant Oil Flow		0.			gals		
Total Plant Oil Cost		\$0.			\$		
Total Plant Fuel Cost		\$1.70			s		
Fuel Cost Per Heating Degree Day		\$114			\$/hdd		
Plant Average Steam Cost Per Degree Day		\$0.			\$/klbs		
Total Plant Efficiency By I/O		84			%		
Total Children by 110					74		
Condensate Transfer Pump #1 Run Time		0.5					
Condensate Transfer Pump #2 Run Time		0.	0		hrs		
Condensate Transfer Pump #3 Run Time		23	.5		hrs		
Boiler Feed Pump #1 Run Time		23	.5		hrs		
Boiler Feed Pump #2 Run Time		23	.5		hrs		
Boiler Feed Pump #3 Run Time		23	.5		hrs		
Boiler Feed Pump #4 Run Time		23	.5		hrs		
Fuel Oil Pump #1 Run Time		23	.5		hrs		
Fuel Oil Pump #2 Run Time		0.	0		hrs		
	Boiler 1	Boiler 2	Boiler 3	Boiler 4	Units		
Run Time	1.8	21.9	0.0	0.0	hrs		
Steam Flow	24.94	214.52	0.00	0.00	klbs		
Gas Flow	26.54	251.87	0.00	0.00	kscf		
Natural Gas Cost	\$162.99	\$1,546.68	\$0.00	\$0.00	\$		
Oil Flow	0.0	0.0	0.0	0.0			
Oil Cost	\$0.00	\$0.00	\$0.00	\$0.00	gals		
Total Fuel Cost	\$162.99	\$1,546.68	\$0.00	\$0.00	\$		
Average Steam Cost	\$6.54	\$7,546.66	\$0.00	\$0.00			
Efficiency By Losses	0.0	\$7.21 80.7			\$/klbs		
Efficiency By I/O	92.0	83.4	0.0	0.0	%		
Mid-Atlantic Controls Corporation		83.4 Day Report			% Page 1 of		

Heating Plant Day Operations Report

10/21/2018 7:00 AM Daily Report

Description

Description					
			ant		Units
Heating Degree Days			60		hdd
Total Plant Steam Flow		225	i.27		klbs
Steam Flow Per Heating Degree Day		29	0.6		klbs/hd
Total Condensate Return Water Flow		7.	9		klbs
Total Plant Gas Flow		264	.22		kscf
Total Plant Gas Cost		\$1,62	22.53		\$
Total Plant Oil Flow		0	0		gals
Total Plant Oil Cost		\$0.	00		\$
Total Plant Fuel Cost		\$1,62	22.53		\$
Fuel Cost Per Heating Degree Day		\$213	3.54		\$/hdd
Plant Average Steam Cost Per Degree Day		\$0.	95		\$/klbs
Total Plant Efficiency By I/O		83	3.5		%
Condensate Transfer Pump #1 Run Time	1	23			hrs
Condensate Transfer Pump #2 Run Time		0.			hrs
Condensate Transfer Pump #3 Run Time		0			hrs
Boiler Feed Pump #1 Run Time			3.5		
Boiler Feed Pump #2 Run Time		23			hrs
Boiler Feed Pump #3 Run Time			3.5		hrs
Boiler Feed Pump #4 Run Time		23			hrs
Fuel Oil Pump #1 Run Time			5.5		
Fuel Oil Pump #2 Run Time					hrs
ruei Oii Funip #2 Ruii Tinie		0.	U		hrs
	Boiler 1	Boiler 2	Boiler 3	Boiler 4	Units
Run Time	0.1	23.5	0.0	0.0	hrs
Steam Flow	0.00	225.27	0.00	0.00	klbs
Gas Flow	0.39	263.84	0.00	0.00	kscf
Natural Gas Cost	\$2.39	\$1,620.15	\$0.00	\$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	\$2.39	\$1,620.15	\$0.00	\$0.00	\$
Average Steam Cost		\$7.19		***	\$/klbs
Efficiency By Losses	83.6	80.6	0.0	0.0	%
Efficiency By I/O		83.6			%
Mid-Atlantic Controls Corporation	Г	ay Report			Page 1 of

Mid-Atlantic Controls Corporation

Day Report

Heating Plant Day Operations Report

10/22/2018 7:00 AM Daily Report

Description

	Plant				
Heating Degree Days		19.	54		hdd
Total Plant Steam Flow		252	.38		klbs
Steam Flow Per Heating Degree Day		12	.9		klbs/hdd
Total Condensate Return Water Flow		7.	3		klbs
Total Plant Gas Flow		294	.34		kscf
Total Plant Gas Cost		\$1,80	7.47		\$
Total Plant Oil Flow		0.	0		gals
Total Plant Oil Cost		\$0.	00		\$
Total Plant Fuel Cost		\$1,80	7.47		\$
Fuel Cost Per Heating Degree Day		\$92	.50		\$/hdd
Plant Average Steam Cost Per Degree Day		\$0.	37		\$/klbs
Total Plant Efficiency By I/O		84	.0		%
Condensate Transfer Pump #1 Run Time		23	5		hrs
Condensate Transfer Pump #2 Run Time		0.			hrs
Condensate Transfer Pump #3 Run Time		0.			hrs
Boiler Feed Pump #1 Run Time		23			hrs
Boiler Feed Pump #2 Run Time		23			hrs
Boiler Feed Pump #3 Run Time		23			hrs
Boiler Feed Pump #4 Run Time		23			hrs
Fuel Oil Pump #1 Run Time		23			hrs
Fuel Oil Pump #2 Run Time		0.		50000	hrs
	Boiler 1	Boiler 2	Boiler 3	Boiler 4	Units
Run Time	0.3	23.5	0.0	0.0	
Steam Flow	0.00	252.38	0.00	0.00	hrs klbs
Gas Flow	1.69	292.56	0.00	0.00	
Natural Gas Cost	\$10.39	\$1,797.08	\$0.00		kscf
Oil Flow	0.0	0.0	0.0	\$0.00 0.0	
Oil Cost		+		·	gals
Total Fuel Cost	\$0.00 \$10.39	\$0.00 \$1,797.08	\$0.00 \$0.00	\$0.00 \$0.00	\$
Average Steam Cost	\$10.39	\$7,797.08			
Efficiency By Losses		80.4			\$/klbs
Efficiency By I/O	81.0	84.5	0.0	0.0	%
Mid-Atlantic Controls Corporation		av Report		1	Page 1 of 1

Mid-Atlantic Controls Corporation

Day Report

Heating Plant Day Operations Report

10/23/2018 7:00 AM Daily Report

Description

	Plant					
Heating Degree Days		20.	81		hdd	
Total Plant Steam Flow		283	3,74		klbs	
Steam Flow Per Heating Degree Day		13	6,6		klbs/hdd	
Total Condensate Return Water Flow		6.	8		klbs	
Total Plant Gas Flow		327	.63		kscf	
Total Plant Gas Cost		\$2,0	11.92		\$	
Total Plant Oil Flow		0.	0		gals	
Total Plant Oil Cost		\$0.	00		\$	
Total Plant Fuel Cost		\$2,01	11.92		\$	
Fuel Cost Per Heating Degree Day		\$96	66		\$/hdd	
Plant Average Steam Cost Per Degree Day		\$0.	34		\$/klbs	
Total Plant Efficiency By I/O		84.8				
Condensate Transfer Pump #1 Run Time			5		hrs	
Condensate Transfer Pump #2 Run Time		0.			hrs	
Condensate Transfer Pump #3 Run Time		0.			hrs	
Boiler Feed Pump #1 Run Time		23			hrs	
Boiler Feed Pump #2 Run Time		23			hrs	
Boiler Feed Pump #3 Run Time		23			hrs	
Boiler Feed Pump #4 Run Time		23			hrs	
Fuel Oil Pump #1 Run Time		23			hrs	
Fuel Oil Pump #2 Run Time		0.			hrs	
	Boiler 1	Boiler 2	Boiler 3	Boiler 4	Units	
Run Time	0.3	23.5	0.0	0.0	hrs	
Steam Flow	0.00	283.74	0.00	0.00	klbs	
Gas Flow	1.65	325.98	0.00	0.00	kscf	
Natural Gas Cost	\$10.14	\$2,001.78	\$0.00	\$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	\$10.14	\$2,001.78	\$0.00	\$0.00	\$	
Average Steam Cost	***	\$7.05			\$/klbs	
Efficiency By Losses	78.1	80.4	0.0	0.0	%	
Efficiency By I/O		85.2			%	

Mid-Atlantic Controls Corporation

Day Report

Heating Plant Day Operations Report

10/24/2018 7:00 AM Daily Report

		Plant				
Heating Degree Days		= 11.	.97		hdd	
Total Plant Steam Flow		269	.59		klbs	
Steam Flow Per Heating Degree Day		22	2.5		klbs/hdc	
Total Condensate Return Water Flow		7.	2		klbs	
Total Plant Gas Flow		311	.71		kscf	
Total Plant Gas Cost		\$1,91	14.11		\$	
Total Plant Oil Flow		0.	0		gals	
Total Plant Oil Cost		\$0.	00		\$	
Total Plant Fuel Cost		\$1,91	14.11		S	
Fuel Cost Per Heating Degree Day		\$159			\$/hdd	
Plant Average Steam Cost Per Degree Day		\$0.			\$/klbs	
Total Plant Efficiency By I/O		84			%	
Condensate Transfer Pump #1 Run Time	-					
		23			hrs	
Condensate Transfer Pump #2 Run Time		0.			hrs	
Condensate Transfer Pump #3 Run Time		0.			hrs	
Boiler Feed Pump #1 Run Time		23			hrs	
Boiler Feed Pump #2 Run Time		23			hrs	
Boiler Feed Pump #3 Run Time		23			hrs	
Boiler Feed Pump #4 Run Time		23			hrs	
Fuel Oil Pump #1 Run Time		23	,5		hrs	
Fuel Oil Pump #2 Run Time		0.	0		hrs	
	Boiler 1	Boiler 2	Boiler 3	Boiler 4	Units	
Run Time	0.7	23.3	0.0	0.0	hrs	
Steam Flow	2.25	267.35	0.00	0.00	klbs	
Gas Flow	6.93	304.77	0.00	0.00	kscf	
Natural Gas Cost	\$42.56	\$1,871.55	\$0.00	\$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	\$42.56	\$1,871.55	\$0.00	\$0.00	S	
Average Steam Cost	\$18.93	\$7.00			\$/klbs	
Efficiency By Losses	0.0	80.6	0.0	0.0	%	
Efficiency By I/O	31.8	85.9		0.0	%	

Heating Plant Day Operations Report

10/25/2018 7:00 AM **Daily Report**

Description					
		Pla	ınt		Units
Heating Degree Days		16	60		hdd
Total Plant Steam Flow		291	.66		klbs
Steam Flow Per Heating Degree Day		17	2.6		klbs/hdd
Total Condensate Return Water Flow		6.	8		klbs
Total Plant Gas Flow		333	.65		kscf
Total Plant Gas Cost		\$2,04	18.84		\$
Total Plant Oil Flow		0.	0		gals
Total Plant Oil Cost		\$0	00		\$
Total Plant Fuel Cost		\$2,04	18.84		\$
Fuel Cost Per Heating Degree Day		\$12	3.46		\$/hdd
Plant Average Steam Cost Per Degree Day		\$0.	42		\$/klbs
Total Plant Efficiency By I/O		85	.6		%
Contract To Contract Description					hrs
Condensate Transfer Pump #1 Run Time	23.5				
Condensate Transfer Pump #2 Run Time	0.0				
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	23.5				
Boiler Feed Pump #4 Run Time		23			hrs
Fuel Oil Pump #1 Run Time		23	.5		hrs
Fuel Oil Pump #2 Run Time	0.0				
	Boiler 1	Boiler 2	Boiler 3	Boiler 4	Units
Run Time	0.1	23.5	0.0	0.0	hrs
Steam Flow	0.00	291.66	0.00	0.00	klbs
Gas Flow	0.33	333.31	0.00	0.00	kscf
Natural Gas Cost	\$2.05	\$2,046.79	\$0.00	\$0.00	\$
Oil Flow	0.0	0.0	0.0	0.0	gals
Oil Cost	\$0.00	\$0.00	\$0.00	\$0.00	\$
Total Fuel Cost	\$2.05	\$2,046.79	\$0.00	\$0.00	S
Average Steam Cost	•••	\$7.02	~~~		\$/klbs
Efficiency By Losses	81.9	80.2	0.0	0.0	%
Efficiency By I/O	85.7				%

Mid-Atlantic Controls Corporation

Day Report

Heating Plant Day Operations Report

10/26/2018 7:00 AM Daily Report

Description

	Pla	int		Units
	20.	78		hdd
	303	.61		klbs
	14	.6		klbs/hdd
	6.	5		klbs
	347	.66		kscf
	\$2,13	4.92		\$
	0.	0		gals
	\$0.	00		\$
	\$2,13	4.92		\$
	\$103	2.71		\$/hdd
	\$0.	34		\$/klbs
	85	.5		%
<u> </u>	23	5		hrs
23.5				
				hrs
				hrs
0.0				
Boiler 1	Boiler 2	Boiler 3	Boiler 4	Units
				hrs
				klbs
***************************************				kscf
				S
		*		gals
				\$
				\$
40.70			φ0.00	\$/klbs
The state of the s				%
	Boiler 1 0.3 0.00 1.43 \$8.76 0.0 \$0.00 \$8.76 83.5	20. 303 14 6. 347 \$2,13 0. \$0, \$0, \$1,13 \$102 \$0. 85 23 23 23 23 23 23 23 23 23 23 23 23 23	23.5 23.5 23.5 23.5 23.5 0.0 Boiler 1 Boiler 2 Boiler 3 0.3 23.5 0.0 0.00 303.61 0.00 1.43 346.24 0.00 \$8.76 \$2,126.15 \$0.00 0.0 0.0 0.0 0.0 \$0.00 \$0.00 \$0.00 \$8.76 \$2,126.15 \$0.00 \$7.00 83.5 80.1 0.0	20.78 303.61 14.6 6.5 347.66 \$2,134.92 0.0 \$0.00 \$2,134.92 \$102.71 \$0.34 85.5 23.5 0.1 0.0 23.5 23.5 23.5 23.5 23.5 23.5 23.5 23.5

Mid-Atlantic Controls Corporation

Day Report

Heating Plant Day Operations Report

10/27/2018 7:00 AM Daily Report

Description

Description					
	Plant				Units
Heating Degree Days		19	.40		hdd
Total Plant Steam Flow		303	3.98		klbs
Steam Flow Per Heating Degree Day		15	5.7		klbs/hdd
Total Condensate Return Water Flow		6	.8		klbs
Total Plant Gas Flow		350	0.01		kscf
Total Plant Gas Cost		\$2,14	49,33		\$
Total Plant Oil Flow		0	.0		gals
Total Plant Oil Cost		\$0	.00		S
Total Plant Fuel Cost		\$2,14	49.33		\$
Fuel Cost Per Heating Degree Day		\$11	0.80		\$/hdd
Plant Average Steam Cost Per Degree Day		\$0	36		\$/klbs
Total Plant Efficiency By I/O		85	5.1		%
Condensate Transfer Pump #1 Run Time		23	2.5		hrs
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	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			
				1	hrs
	Boiler 1	Boiler 2	Boiler 3	Boiler 4	Units
Run Time	0.3	23.5	0.0	0.0	hrs
Steam Flow	0.00	303.98	0.00	0.00	klbs
Gas Flow	1.66	348.35	0.00	0.00	kscf
Natural Gas Cost	\$10.21	\$2,139.13	\$0.00	\$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	\$10.21	\$2,139.13	\$0.00	\$0.00	\$
Average Steam Cost	***	\$7.04			\$/klbs
Efficiency By Losses	80.4	80.4	0.0	0.0	%
Efficiency By I/O	85.5				%
Mid-Atlantic Controls Corporation	Day Report				

Mid-Atlantic Controls Corporation

Day Report

Heating Plant Day Operations Report

10/28/2018 7:00 AM Daily Report

Description

Description						
		Pla	ınt		Units	
Heating Degree Days	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		81		hdd	
Total Plant Steam Flow		287	.91		klbs	
Steam Flow Per Heating Degree Day		24	.4		klbs/hde	
Total Condensate Return Water Flow		7.	1		klbs	
Total Plant Gas Flow		331	.29		kscf	
Total Plant Gas Cost		\$2,03	34.34		\$	
Total Plant Oil Flow		0.	0		gals	
Total Plant Oil Cost		\$0.	00		\$	
Total Plant Fuel Cost		\$2,03	34.34		\$	
Fuel Cost Per Heating Degree Day		\$172	2.30		\$/hdd	
Plant Average Steam Cost Per Degree Day		\$0.	60		\$/klbs	
Total Plant Efficiency By I/O		85	.1		%	
Condensate Transfer Pump #1 Run Time		1.	6		hrs	
Condensate Transfer Pump #2 Run Time		21.9				
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		23.5				
Boiler Feed Pump #4 Run Time		23			hrs	
Fuel Oil Pump #1 Run Time		23	1.5		hrs	
Fuel Oil Pump #2 Run Time	0.0					
	Boiler 1	Boiler 2	Boiler 3	Boiler 4	Units	
Run Time	0.3	23.5	0.0	0.0	hrs	
Steam Flow	0.00	287.91	0.00	0.00	klbs	
Gas Flow	1.65	329.64	0.00	0.00	kscf	
Natural Gas Cost	\$10.12	\$2,024.22	\$0.00	\$0.00	\$	
Oil Flow	0.0	0.0	0.0	0.0	gals	
Oil Cost	\$0.00	\$0.00	\$0.00	\$0.00	\$	
Fotal Fuel Cost	\$10.12	\$2,024.22	\$0.00	\$0.00	\$	
Average Steam Cost		\$7.03			\$/klbs	
Efficiency By Losses	82.5	80.4	0.0	0.0	%	
Efficiency By I/O		85.5		0.0	%	
Mid-Atlantic Controls Corporation		Day Report				

Mid-Atlantic Controls Corporation

Day Report

Heating Plant Day Operations Report

10/29/2018 7:00 AM Daily Report

Description					Units
	Plant				
Heating Degree Days		13			hdd
Total Plant Steam Flow		286			klbs
Steam Flow Per Heating Degree Day		20			klbs/hde
Total Condensate Return Water Flow		6.	7		klbs
Total Plant Gas Flow		326	.18		kscf
Total Plant Gas Cost		\$2,00	2.98		\$
Total Plant Oil Flow		0.	0		gals
Total Plant Oil Cost		\$0	00		\$
Total Plant Fuel Cost		\$2,00	2.98		\$
Fuel Cost Per Heating Degree Day		\$14	6.03		\$/hdd
Plant Average Steam Cost Per Degree Day		\$0	51		\$/klbs
Total Plant Efficiency By I/O		86	.0		%
Condensate Transfer Pump #1 Run Time		0.	0		hrs
Condensate Transfer Pump #2 Run Time		23			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	23.5				
Boiler Feed Pump #4 Run Time		23			hrs
Fuel Oil Pump #1 Run Time	***	23			hrs
Fuel Oil Pump #2 Run Time	0.0				
	Boiler 1	Boiler 2	Boiler 3	Boiler 4	Units
Run Time	0.3	23.5	0.0	0.0	hrs
Steam Flow	0.00	286.44	0.00	0.00	klbs
Gas Flow	1,64	324.54	0.00	0.00	kscf
Natural Gas Cost	\$10.05	\$1,992.92	\$0.00	\$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	\$10.05	\$1,992.92	\$0.00	\$0.00	\$
Average Steam Cost		\$6.96	•••		\$/klbs
Efficiency By Losses	80.9	80.5	0.0	0.0	%
Efficiency By I/O	86.4				

Heating Plant Day Operations Report

10/30/2018 7:00 AM Daily Report

Description

	Plant				Units	
Heating Degree Days		12	22		hdd	
Total Plant Steam Flow		312	1.03		klbs	
Steam Flow Per Heating Degree Day		25	i.5		klbs/hdd	
Total Condensate Return Water Flow		5.	3		klbs	
Total Plant Gas Flow		354	.08		kscf	
Total Plant Gas Cost		\$2,17	74.30		\$	
Total Plant Oil Flow		0.	0		gals	
Total Plant Oil Cost		\$0.	00		\$	
Total Plant Fuel Cost		\$2,17	74.30		\$	
Fuel Cost Per Heating Degree Day		\$17			\$/hdd	
Plant Average Steam Cost Per Degree Day		\$0.	57		\$/klbs	
Total Plant Efficiency By I/O		86	3.3		%	
Condensate Transfer Pump #1 Run Time		0	0		hrs	
Condensate Transfer Pump #2 Run Time		0.0 23.5				
Condensate Transfer Pump #3 Run Time	0.2					
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			1.5		hrs	
Fuel Oil Pump #2 Run Time	0.0					
	Boiler 1	Boiler 2	Boiler 3	Boiler 4	Units	
Run Time	0.4	23,5	0.0	0.0	hrs	
Steam Flow	0.00	312.03	0.00	0.00	klbs	
Gas Flow	1.97	352.10	0.00	0.00	kscf \$	
Natural Gas Cost	\$12.12 \$2,162.18 \$0.00 \$0.00					
Oil Flow	0.0 0.0 0.0				gals	
Oil Cost	\$0.00	\$0.00	\$0.00	\$0.00	\$	
Total Fuel Cost	\$12.12 \$2,162.18 \$0.00 \$0.00					
Average Steam Cost		\$6.93			\$/klbs	
Efficiency By Losses	81.7	80.1	0.0	0.0	%	
Efficiency By I/O	86.8				%	
Mid-Atlantic Controls Corporation	Day Report				Page 1 of	

Mid-Atlantic Controls Corporation

Day Report

Heating Plant Day Operations Report

10/31/2018 7:00 AM Daily Report

Description

Description					<u> </u>
	Plant				
Heating Degree Days		13	92		hdd
Total Plant Steam Flow		298	3.85		klbs
Steam Flow Per Heating Degree Day		21	.5		klbs/hdd
Total Condensate Return Water Flow		5	4		klbs
Total Plant Gas Flow		340).13		kscf
Total Plant Gas Cost		\$2,08	38.68		\$
Total Plant Oil Flow		0.	.0		gals
Total Plant Oil Cost		\$0.	00		\$
Total Plant Fuel Cost		\$2,08	38.68		\$
Fuel Cost Per Heating Degree Day		\$15	0.09		\$/hdd
Plant Average Steam Cost Per Degree Day		\$0.	50		\$/klbs
Total Plant Efficiency By I/O		86	5,0		%
Condensate Transfer Pump #1 Run Time		0	0		hrs
Condensate Transfer Pump #2 Run Time		23			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	23.5				
Boiler Feed Pump #4 Run Time	- 1111	23			hrs
Fuel Oil Pump #1 Run Time		23			hrs
Fuel Oil Pump #2 Run Time		0.			hrs
	Boiler 1	Boiler 2	Boiler 3	Boiler 4	Units
Run Time	0.4	23.5	0.0	0.0	hrs
Steam Flow	0.00	298.85	0.00	0.00	klbs
Gas Flow	1.94	338.20	0.00	0.00	kscf
Natural Gas Cost	\$11.90	\$2,076.77	\$0.00	\$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	\$11.90	\$2,076.77	\$0.00	\$0.00	\$
Average Steam Cost	****	\$6.95	000	***	\$/klbs
Efficiency By Losses	71.7	80.1	0.0	0.0	%
Efficiency By I/O	86.5				
Mid-Atlantic Controls Corporation	ration Day Report				

Mid-Atlantic Controls Corporation

Day Report