# The Commonwealth of Massachusetts

## Return

of the

Municipal Light Department of

the City of

CHICOPEE

to the

# **Department of Public Utilities**

of Massachusetts

For the Year ended December 31,

# 2017

Name of officer to whom correspondence should be addressed regarding this report:

Jeffrey R. Cady

Official title: General Manager

Office address:

725 Front Street Chicopee, MA 01020-1778

Form AC-19

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FOR GAS PLANTS ONLY:	Page		Page
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Utility Plant - Gas	19-20	Gas Concrating Plant	
Gas Operating Revenues		Gas Generating Plant	74
	43	Boilers	75
Sales of Gas to Ultimate Customers	44	Scrubbers, Condensers & Exhausters	75
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<ol> <li>GENERA</li> <li>Name of town (or city) making report.</li> <li>If the town (or city) has acquired a plant, Kind of plant, whether gas or electric.</li> </ol>	Year Ended December 31, 201
2. If the town (or city) has acquired a plant,	CHICOPEE
	Electric
Owner from whom purchased, if so acquired.	
Date of votes to acquire a plant in accordance chapter 164 of the General Laws.	vith the provisions of
Record of votes: First vote: Yes, ; No, Seco	nd vote: Yes, ; No,
Date when town (or city) began to sell gas and	electricity, Began operation and distribution 1896
3. Name and address of manager of municipal lig	nting: Jeffrey R. Cady
	Chicopee Electric Light Department
	725 Front Street
	Chicopee, MA 01020-1778
<ol> <li>Name and address of mayor or selectmen:</li> </ol>	Richard J. Kos
	City Hall
	Market Square
	Chicopee, MA 01013
5. Name and address of town (or city) treasurer:	Marie T. Laflamme
	City Hall
	Market Square
	Chicopee, MA 01013
8. Name and address of town (or city) clerk:	Keith Rattell
	City Hall
	Market Square
	Chicopee, MA 01013
<ol> <li>Names and addresses of members of municipal</li> </ol>	
	Joseph F. Pasternak, III
	Carl E. Sittard
<ul> <li>Total valuation of estates in town (or city) accor (taxable)</li> </ul>	ing to last State valuation \$3,793,958,361
	Ψ0,790,900,001
Tax rate for all purposes during the year:	A 40.04/4000 D
	\$ 18.31/1000 Res.
	\$34.65/1000 Comm.
0. Amount of manager's salary:	\$166,733
1. Amount of manager's bond:	\$10,000
2. Amount of salary paid to members of municipal	ight board (each): None

Ann	ual Report of The City	of Chicopee	· · · · · · · · · · · · · · · · · · ·	Year E	nded December 31, 2017
FUR	NISH SCHEDULE OF EST	IMATES REQUIRED BY GEN	IERAL LAWS, CHAPTER 164	4, SECTIO	ON 57
FOR	GAS AND ELECTRIC LIG	HT PLANTS FOR THE FISCA	L YEAR, ENDING DECEMBI	ER 31, NI	EXT.
					Amount
		CONSUMERS:			
1	From sales of gas				_ ^ ^
2	From sales of electricity				61,576,882.00
3				TOTAL	61,576,882.00
4					
1	EXPENSES	• .			
	For operation, maintenance	•			58,556,588.00
	For interest on bonds, note	• •			
	For depreciation fund (		as per page 8B)		2,209,884.00
	For sinking fund requireme	ents			-
	For note payments	· · ·	•		-
	For bond payments				-
	For loss in preceding year		:		
13				TOTAL	60,766,472.00
14					
1	COST:	· ·			
	Of gas to be used for munic		· · ·		-
	Of gas to be used for street	-			· -
	Of electricity to be used for				2,422,762.00
	Of electricity to be used for	-			227,767.00
	Total of above items to be in	ncluded in the tax levy			2,650,529.00
21					
	New construction to be inclu	•	•		_
23	Total amounts to be includ	ded in the tax levy			2,650,529.00
		CUSTOMERS			
	s of cities or towns in which	•	Names of cities or towns in	which the	plant supplies
	es GAS, with the number of	customers'	ELECTRICITY, with the nun		
meters	s in each.		meters in each.		
		Number			Number
(	City or Town	of Customers'	City or Town		of Customers'
		Meters, Dec. 31			Meters, Dec. 31
		None	City of Chicopee		
	•		Department Meters		25,271
			Contract Lt. Customers		54
			:		
			· ·		
	TOTAL	0		TOTAL	25,325

(Inclur	APF	ROPRIATI	ONS SINCE BEC			
(mold)	se also all terris charge		ax ievy, even whe	re no appropriation is made o	r required.)	
	NSTRUCTION OR PL		OF PLANT			
*At *At	mee	· •		, to be paid from **		
7.0	mee	ung		, to be paid from **	TOTAL	
	E ESTIMATED COST			CITY		
	O BE USED BY THE ( treet lights	CITY OR TO	OWN FOR:			
	lunicipal buildings					227,76
3.	anoipai bandirigo					2,422,76
				·	TOTAL	2,650,529
* Data af		<u> </u>			· · · · · · · · · · · · · · · · · · ·	
Date of	meeting and whether	regular or s	pecial	** Here insert bonds, not	es or tax levy	
		CHAN	GES IN THE PR	OPERTY		
<u> </u>			· · · · · · · ·			
					· · · · · · · · · · · · · · · · · · ·	
1. De	escribe briefly all the in	nportant ph	ysical changes in	the property during the last fis	cal period	
111	Southers, alter	ations or im	provements to th	e works or physical property re	etired.	
In	electric property:					
	\$	-	was invested in	hydraulic production plant		
	\$					
	Ψ	-	was invested in	other production plant		
	\$	-	was invested in	transmission plant		
				·		
	\$	1,315,000	was invested in	upgrading the distribution plar	ht	
	Ŧ					
·			was invested in	general plant as follows:		
	\$			general plant as follows: for property improvements		
				general plant as follows: for property improvements for office equipment	· · · ·	
			12,000 - 343,000	for property improvements for office equipment for transportation equipment		
			12,000 - 343,000 194,000	for property improvements for office equipment for transportation equipment for communication equipmen	nt.	
			12,000 - 343,000 194,000 45,000	for property improvements for office equipment for transportation equipment for communication equipment for shop, laboratory and misc	it. cellaneous equipment.	
			12,000 - 343,000 194,000 45,000	for property improvements for office equipment for transportation equipment for communication equipmen	it. cellaneous equipment.	
			12,000 - 343,000 194,000 45,000	for property improvements for office equipment for transportation equipment for communication equipment for shop, laboratory and misc	it. cellaneous equipment.	
•			12,000 - 343,000 194,000 45,000	for property improvements for office equipment for transportation equipment for communication equipment for shop, laboratory and misc	it. cellaneous equipment.	
In	\$		12,000 - 343,000 194,000 45,000 60,000	for property improvements for office equipment for transportation equipment for communication equipment for shop, laboratory and misc	it. cellaneous equipment.	
In s			12,000 - 343,000 194,000 45,000	for property improvements for office equipment for transportation equipment for communication equipment for shop, laboratory and misc	it. cellaneous equipment.	
In	\$		12,000 - 343,000 194,000 45,000 60,000	for property improvements for office equipment for transportation equipment for communication equipment for shop, laboratory and misc	it. cellaneous equipment.	
In	\$		12,000 - 343,000 194,000 45,000 60,000	for property improvements for office equipment for transportation equipment for communication equipment for shop, laboratory and misc	it. cellaneous equipment.	
In	\$		12,000 - 343,000 194,000 45,000 60,000	for property improvements for office equipment for transportation equipment for communication equipment for shop, laboratory and misc	it. cellaneous equipment.	· .

tstanding					<u>y of</u>					-									 		
Amount Outstanding	at End of Year			_												-				NONE	
Interest	When Payable	-			·								·		*.			v		TOTAL	
	Rate											•						 	 	Ĕ	
ments	When Payable				*** ***				- - -				•					 			ance Sheet.
Period of Payments	Amounts												۰.								e with the Bala
Amount of	Uriginal Issue **	81,000 30,000	16,000	96,000	45,000	30,000	250,000	11,106,000	16,000,000	8,000,000	18,735,000	5,265,000		•						59,804,000	of year should agree with .
	Late of Issue	Sep 15, 1896 Jun 01, 1901	Dec 01, 1909	May 26, 1912	Jun 01, 1916	May 01, 1918 Sep 01, 1050	Sep 01, 1950 Apr 01, 1954	Jan 01, 1975	Jun 01, 1978	May 01, 1983	Jul 01, 1985	Aug 01, 1985								TOTAL	outstanding at end (
Mhan Authorisod*		Jun 01, 1895 Apr 05, 1901	Oct 01, 1909	Oct 16, 1911	May 01, 1916 Mai: 05, 1915	NoV U5, 1917	Mar 31, 1954	Jul 16, 1974	Dec 20, 1977	Nov 05, 1982	Feb 06, 1985	Feb 06, 1985									The bonds and notes outstanding at end of year should agree with the Balance Sheet When bond and notes are renaid report the first three columns only.

<u>Annual</u>	Repo I	ort of The City of Chicopee	Page Year Ended December 31, 201
	Amount Outstanding		
	Interest Bate Mhon Banakia		TOTAL
S ic Lighting )	When Pavahla		Sheet.
Town Notes of Gas or Electric	Period of Payments	1	5,500 agree with the Balance Sheet. olumns only e that have been repaid
Town Notes (Issued on Account of Gas or Electric Lighting.)	Amount of Original Issue **	6,000 3,000 345,000 330,000 375,000 515,000 515,000	F year should agree v f first three columns pecial
	Date of Issue	Jun 15, 1896 Dec 18, 1901 Dec 01, 1904 Nov 01, 1907 Jan 26, 1983 Mar 25, 1983 Mar 25, 1983 Apr 26, 1983	TOTAL TOTAL outstanding at end of are repaid report the whether regular or s f bonds and notes in
	When Authorized*	Jun 06, 1896 Dec 15, 1901 Aug 05, 1907 Jan 06, 1983 Jan 06, 1983 Jan 06, 1983 Jan 06, 1983	The bonds and notes outstanding at end of year should agree with the Balance When bond and notes are repaid report the first three columns only * Date of meeting and whether regular or special ** List original issues of bonds and notes and notes including those that have been repaid

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Annual Repo	ort of Th	e City o	f Chic	opee	•			<u>'ear En</u>	dod	Dee	ombo	- 94		Pag 17	je c
ly plant	rear	(g) 2,825,000.00	_						1		eniĝe	<u>1 3 1</u>	<u>. 20'</u>	17	
effect of such amounts. Reclassifications or transfers within utility plant accounts should be shown in column (f).	Transfers	6						-	1						   
effect of such amounts. 4. Reclassifications or tra accounts should be sho	Adjustments	(a)		•								·			
luded in vuld be gative	Retirements	(2)							l	÷		<u>.</u>			T
IT - ELECTRIC ams should be incl optriate. blant accounts sho to indicate the ne	Additions (c)		3					_							4
<b>TOTAL COST OF PLANT - ELECTRIC</b> preceding year. Such items should be included in column (c) or (d) as appropriate. 3 Credit adjustments of plant accounts should be enclosed in parentheses to indicate the negative	Balance Beginning of Year (b)	2,825,000.00	2,825,000.00										_		
<ol> <li>Report below the cost of utility plant in service</li> <li>Recording to prescribed accounts</li> <li>Do not include as adjustments, corrections of</li> <li>additions and retirements for the current or the</li> </ol>	Account (a)	1 INTANGIBLE PLANT 303 Misc Intangible Plant				312 Boiler Plant Equipment 313 Engines and Engine Driven Generators	314 Turbogenerator Units	315 Accessory Electric Equipment 316 Miscellaneous Power Plant Equipment	Total Steam Production Plant	320 Land and Land Rights	321 Structures and Improvements 322 Reactor Plant Equipment	323 Turbogenerator Units		325 Miscellaneous Power Plant Equipment	I otal Nuclear Production Plant
1. Rep accordir 2. Do n addition	Line No.	<u>– v –</u>	0.4.0	9	N 80	9 0	11	12	15	17	18	20		22	1

Ann	ual Repo	r <u>t of The</u>	e City of C	hicopee								Yea	End	ed [	Dec	em	ber	31,		17	0. (
	Balance End of Year	371,361.50	1,701,386.94 268,372.77		2,341,121.21	667,139.30	131,638,46	1,760,953.80 460,600,64	0.000	3,020,331.07	5,361,452.28	257 393 43		1.773.121.95	538,872.37	897,608.22	582,964.12	222,894.10	72,333.17	119,384.58	4,464,571.94
	Transfers										1	1		,		I	Ĭ	Î.			
	Adjustments (e)				•							1		1	1	I	r			1	
ontinued)	Retirements (d)						,				-			I	•		1	<b>)</b>	1	1	
IT - ELECTRIC (C	Additions (c)				'									l	I		1	. 1	ı	1	1
TOTAL COST OF PLANT - ELECTRIC (Continued)	Balance Beginning of Year (b)	371,361.50	1,701,386.94 268,372.77		2,041,121.21	667,139.30 131 638 46		1,760,953.80 460,599.51		3,020,331.07	5,361,452.28	257,393.43		1,773,121.95	538,872.37	897,608.22	582,964.12	222,894.10	72,333.17	119,384.58	4,464,571.94
	Account (a)	C. Hydraulic Production Plant 330 Land and Land Rights 331 Structures and Improvements		335 Miscellaneous Power Plant Equipment 336 Roads, Railroads and Bridges Total Hydraulic Production Plant		<ul><li>340 Land and Land Rights</li><li>341 Structures and Improvements</li><li>342 Fuel Holders. Producers and Accessories</li></ul>	—	344 Generators 345 Accessory Electric Equipment	346 Miscellaneous Power Plant Equipment	Total Other Production Plant		<ol> <li>I ransmission Plant</li> <li>Land and Land Rights</li> </ol>	51 Clearing Land and Rights of Way 52 Structures and Improvements		-	-	_	_	-	Š.	I Otal I fansmission Plant
	Line No.	<u>88</u> 907		₩ ₩ ₩ ₩		12 13 34 34 34 34 34 34 34 34 34 34 34 34 34	-	15  34 16  34	17 34	18	19		22 351 23 352	-		20 30	-		29 358	202 00	
	Line No.	_															-				

Page 8A

Account         Beginning of Year         Additions           360         Land and Land Rights         (a)         (b)         (c)         (c)           361         Land and Land Rights         30,565.76         30,565.76         (c)         (c)           363         Land and Land Rights         30,556.76         30,556.76         59,93,210.49         58,1120           364         Poles Towers and Environments         30,565.76         9,93,210.49         58,1130           365         Underground Conductors and Devices         11,118,592.71         58,811.30         58,977.36           365         Underground Conductors and Devices         1,040,913.47         35,977.36         58,811.30           366         Underground Conductors and Devices         7,040,913.47         35,977.36         58,855.12           367         Underground Conductors and Devices         7,040,913.47         35,977.36         56,524.13           377         Line Transformers         Fremises         7,040,913.47         56,557.19         56,525.10           371         Installations on Customer's Premises         7,040,913.47         5,557.19         15,224.567           371         Installations on Customer's Premises         5,360,203.56         5,324.200         15,325.21 <td< th=""><th>4</th><th></th><th>Dalarice</th><th></th><th>-</th><th></th><th></th><th>Balance</th></td<>	4		Dalarice		-			Balance
4. DISTRIBUTION       Col       Col       Col         380 Land and Land Rights       4. DISTRIBUTION       153,805.04       9         381 Structures and Improvements       33,556.76       33,556.76       9         382 Station Equipment       33,55,314.2       120,812.34         383 Storage Battery Equipment       3,315,931.42       120,812.34         385 Underground Conduit       3,315,931.42       120,812.34         386 Underground Conduit       3,315,931.42       120,811.30         386 Underground Conduit       3,315,931.42       152,610         386 Underground Conduit       3,315,931.42       15,225.10         386 Underground Conduit       3,315,931.42       15,225.10         387 Jobs Services       7,040,913.47       359,734         386 Underground Conduit       3,373.43       359,734         387 Installations on Customer's Premises       7,040,913.47       15,225.10         371 Installations on Customer's Premises       7,386,721.58       88,855.12         371 Installations on Customer's Premises       1,360,235.14       15,275,719         372 Leased Prop on Customer's Premises       1,360,235.14       15,275,719         373 Lasse Equipment       2,342,074.87       15,273,00         371 Installations on Customer's	4.	Account	Beginning of Year	Additions	Retirements	Adjustments	Transfers	End of Year
4. DISTRIBUTION PLANT       153,865.04         360       and and Land Rights         361       Station Equipment         362       Station Equipment         363       Station Equipment         364       Station Equipment         365       Station Equipment         365       Station Equipment         365       Nones Towers and Exturns         365       Underground Conductors and Devices         365       Underground Conductors and Devices         367       Underground Conductors and Devices         366       Underground Conductors and Devices         367       Underground Conductors and Devices         368       Underground Conductors and Devices         367       Underground Conductors and Devices         368       Underground Conductors and Devices         368       Underground Conductors and Devices         368       Underground Conductors and Devices         370       Meters         388       Line Transformers         371       Installations on Customer's Premises	1 4	(a)	(a)	(c)	(q)	(e)	(f)	(6)
360       Land and Land Rights       153,805.04         381       Structures and Improvements       3,315,831.42       120,812.34         383       Storage Battery Equipment       3,315,831.42       120,812.34         384       Poles Towers and Fixtures       3,315,831.42       120,812.34         385       Storage Battery Equipment       3,315,831.42       120,812.34         385       Conductors and Devices       7,040,913.47       58,611.30         386       Underground Conducti       3,315,831.130       38,977.35         386       Line Transformers       7,040,913.47       53,611.30         370       Mieters       2,442,074.87       15,225.10         388       Line Transformers       7,036,321.48       88,855.12         388       Line Transformers       7,036,31.41       38,055.12         371       Institution Plant       2,333.221.58       88,855.12         372       Leased Prop on Customer's Premises       670,014.31       27,557.19         373       Streetlight and Signal Systems       2,450.306       7,525.10         373       Institution Plant       2,412.076.50       1,315,602.56         373       Streetlight and Signal Systems       2,4503.06       1,315,602.56 <td></td> <td>DISTRIBUTION PLANT</td> <td></td> <td>-</td> <td></td> <td></td> <td></td> <td>ν.</td>		DISTRIBUTION PLANT		-				ν.
361       Structures and improvements       30,556,76         362       Station Equipment       3,315,331,42         363       Storage Battery Equipment       3,315,331,42         364       Poles Towers and Futures       3,315,331,42         365       Overhead Conductors and Devices       11,118,592,71         365       Underground Conductors and Devices       11,118,592,71         366       Underground Conductors and Devices       7,040,913,47       38,977,35         367       Underground Conductors and Devices       7,040,913,47       38,977,35         370       Meters       6,734,463,10       38,977,35         371       Installations on Customer's Premises       6,953,41       15,256,10         373       Installations on Customer's Premises       6,953,41       15,256,10         371       Installations on Customer's Premises       6,953,41       15,256,10         373       Leased Prop on Customer's Premises       6,953,41       15,256,10         371       Installations on Customer's Premises       6,70,014,31       27,557,19         373       Leased Prop on Customer's Premises       6,70,014,31       27,557,19         373       Installations on Customer's Premises       6,70,014,31       27,557,19		nd Land Rights	153,805.04			ı	•	153,805.04
382       Station Equipment       9,963,210.49         383       Storage Battery Equipment       3,315,931.42       120,812.34         386       Underground Conduit       3,315,931.42       120,812.34         386       Underground Conduit       3,315,931.42       389,611.20         386       Underground Conduit       3,315,931.42       389,611.20         386       Underground Conduit       3,315,931.43       389,611.20         387       Underground Conductors and Devices       11,118,522.71       389,611.20         387       Underground Conductors and Devices       7,040,913.47       389,77.36         387       Line Transformers       2,442,074.87       15,225.10         370       Meters       6,953.41       21,502.56         371       Installations on Customer's Premises       6,953.41       27,557.19         371       Installations on Customer's Premises       6,953.41       27,557.19         372       Leased Prop on Customer's Premises       6,953.41       27,557.19         373       Installations on Customer's Premises       1,360,235.14       27,557.19         373       Installations on Customer's Premises       1,315,032.21       27,557.19         371       Ital Distribution Plant <td< td=""><td></td><td>res and Improvements</td><td>30,556.76</td><td>·</td><td>•</td><td>a</td><td>I</td><td>30,556,76</td></td<>		res and Improvements	30,556.76	·	•	a	I	30,556,76
383       Storage Battery Equipment         384       Poles Towers and Entures.         385       Poles Towers and Entures.         386       Underground Conduct         387       Jane Spanner         387       Jane Spanner         386       Underground Conduct         387       Jane Spanner         387       Jane Spanner         387       Jane Spanner         387       Jane Transformers         388       Line Transformers         371       Installations on Customer's Premises         373       Installations on Customer's Premises         373       Installations on Customer's Premises         373       Streetilght and Signal Systems         374       Installations on Customer's Premises         375       Leased Prop on Customer's Premises         373       Streetilght and Signal Systems         373       Streetilght and Signal Systems         374       Installations on Customer's Premises         375       Streetilght and Signal Systems         376       Total Distribution Plant         377       Total Distribution Plant         381       Total Streetilght and Signal Systems         393       Structure and Improve		Equipment	9,963,210.49	1			ı	9.963.210.49
384         Poles Towers and Fixtures.         3,315,931.42         120,812.34           385         Overhead Conductors and Devices         1,118,592.71         588,611.20           385         Underground Conductors and Devices         7,040,913.47         55,242.87           385         Underground Conductors and Devices         6,734,763.10         359,713.65           385         Underground Conductors and Devices         6,734,763.10         359,713.65           386         Line Transformers         7,942,074.87         7,5,242.07           371         Installations on Customer's Premises         7,040,00         1,5,225.10           372         Leased Prop on Customer's Premises         6,933.41         27,557.19           371         Leased Prop on Customer's Premises         1,360,235.14         27,557.19           372         Leased Prop on Customer's Premises         1,360,235.14         27,557.19           372         Leased Prop on Customer's Premises         1,360,235.14         27,557.19           372         Leased Prop on Customer's Premises         1,360,232.15         88,856.12           372         Leased Prop on Customer's Premises         1,360,232.00         1,315,092.56           383         Land Rights         Total Distribution Plant         27,707,009.00		Battery Equipment						
365       Overhead Conductors and Devices       11,116,592.71       588,611.20         365       Underground Conductors and Devices       7,040,913.47       359,811.39         367       Underground Conductors and Devices       6,734,463.10       38,977.35         368       Line Transformers       75,242.87       359,811.39         368       Services       7,040,913.47       359,811.39         370       Meters       Premises       7,040,913.47       359,811.36         371       Installations on Customer's Premises       7,010.14.31       15,225.10         371       Installations on Customer's Premises       670,014.31       27,557.19         372       Leased Prop on Customer's Premises       670,014.31       27,557.19         373       Leased Prop on Customer's Premises       670,014.31       27,557.19         373       Streetlight and Signal Systems       52,700,709.00       1,315,092.56         373       Leased Prop and Land Streetlight       24,503.06       13,15,092.56         389       Land and Land Streetlight       23,1425.93       343,232.00         390       Structures and Improvements       107,719.26       14,330.00         391       Office Furniture and Equipment       2,321,425.93       343,232.00	_	owers and Fixtures	3,315,931.42	120,812.34	(12,242.08)			3 424 501 68
366       Underground Conduit       7,040,913,47       359,811.39         367       Underground Conductors and Devices       6,734,463.10       38,977.35         368       Line Transformers       7,040,913,47       359,811.39         368       Line Transformers       7,040,913,47       359,811.39         368       Line Transformers       7,040,913,47       359,811.39         370       Meters       2,442,074,87       15,225.10         371       Installations on Customer's Premises       6,953,41       27,557.19         373       Streetlight and Signal Systems       6,953,41       27,557.19         373       Streetlight and Signal Systems       670,014.31       27,557.19         373       Streetlight and Signal Systems       670,014.31       27,557.19         373       Streetlight and Signal Systems       670,014.31       27,557.19         373       Streetlight and Signal Systems       5,360,235.14       27,557.19         383       Eased Propin an	-	ad Conductors and Devices	11,118,592.71	588,611.20	(18,561,80)			11 688 642 11
367       Underground Conductors and Devices       6,734,463.10       38,977.35         368       Line Transformers       7,098,736.70       35,977.35         369       Services       7,098,736.70       75,242.87         371       Installations on Customer's Premises       8,855.12       88,855.12         371       Installations on Customer's Premises       6,70,014.31       27,557.19         373       Streetlight and Signal Systems       6,70,014.31       27,557.19         374       Streetlight and Signal Systems       1,360,235.14       27,557.19         375       Streetlight and Equipment       5, GENERAL PLANT       24,503.06         391       Land and Land Rights       8,035,202.17       12,013.75         392       Structures and Improvements       8,035,202.17       12,013.75         393       Streetupment       2,314,770,799.00       1,315,092.56         394       Total Distribution Plant       2,3170,709.00       1,3171,592.90         395	_	round Conduit	7,040,913.47	359,811.39	•			7.400.724.86
368       Line Transformers       7,098,736.70       75,242.87         368       Services       2,442.074.87       15,226.10         371       Installations on Customer's Premises       6,953.41       15,226.10         373       Installations on Customer's Premises       6,953.41       27,526.10         374       Installations on Customer's Premises       6,953.41       27,526.10         372       Leased Prop on Customer's Premises       6,053.41       27,557.19         373       Leased Prop on Customer's Premises       6,053.41       27,557.19         374       Load and Land Rights       6,070,014.31       27,557.19         375       Leased Prop on Customer's Premises       6,000,014.31       27,557.19         374       Coleneral Distribution Plant       24,503.06       1,315,092.56         375       Land and Land Rights       8,035,202.17       12,013.75         389       Land and Land Rights       2,321,425.03       343,232.00         389       Transportation Equipment       2,321,425.63       343,232.00         381       Transportation Equipment       2,321,425.63       343,232.00         383       Stores Equipment       2,321,425.63       343,232.00         384       Tools, Shop and Gara	_	round Conductors and Devices	6,734,463.10	38,977.35				6,773,440,45
369         Services         2,442,074.87         15,225.10           370         Meters         2,835,221.58         88,855.12           371         Installations on Customer's Premises         6,953.41         15,225.10           372         Leased Prop on Customer's Premises         6,953.41         27,557.19           372         Leased Prop on Customer's Premises         6,953.41         27,557.19           373         Streetilght and Signal Systems         6,070,014.31         27,557.19           373         Streetilght and Signal Systems         6,070,014.31         27,557.19           373         Streetilght and Signal Systems         6,070,014.31         27,557.19           373         Streetilght and Land Rights         8,035,202.17         12,013.75           389         Land and Land Rights         8,035,202.17         12,013.75           390         Structures and Equipment         2,4,503.06         1,4,930.00           391         Office Furniture and Equipment         2,321,425.63         343,232.00           392         Structures and Improvements         8,035,202.17         12,013.75           393         Structures and Equipment         2,450.3.06         2,121.97           394         Tools, Shop and Garage Equipment         <	_	ansformers	7,098,736.70	75,242.87	(121,748.20)			7 052 231 37
370         Meters         2,835,221,58         88,855,12           371         Installations on Customer's Premises         6,953,41         27,557,19           372         Leased Prop on Customer's Premises         670,014,31         27,557,19           373         Streetilight and Signal Systems         670,014,31         27,557,19           373         Streetilight and Signal Systems         670,014,31         27,557,19           373         Streetilight and Signal Systems         670,014,31         27,50,709,00           373         Streetilight and Signal Systems         5,67,19         1315,092,56           374         5,6ENERAL PLANT         28,60,236,14         1315,092,56           389         Land and Land Rights         8,035,202,17         12,013,75           381         Land and Land Rights         8,035,202,17         12,013,75           382         Structure and Equipment         2,450,903         343,232,00           383         Stores Equipment         2,321,425,93         343,232,00           384         Tools, Shop and Garage Equipment         2,421,97         321,423,26           385         Instribution Equipment         2,421,90         2,121,97           395         Power Operated Equipment         3,171,549,65		S	2,442,074.87	15,225.10				2.457.299.97
371       Installations on Customer's Premises       6,953,41       27,557,19         372       Leased Prop on Customer's Premises       6,953,41       27,557,19         373       Streetlight and Signal Systems       6,70,014,31       27,557,19         373       Streetlight and Signal Systems       6,953,14       27,557,19         373       Streetlight and Signal Systems       6,20,014,31       27,557,19         374       Total Distribution Plant       5,00,014,31       27,557,19         5. GENERAL PLANT       5,00,014,31       27,557,19       13,15,092,56         5. GENERAL PLANT       389       Land and Land Rights       8,035,002,17       12,013,75         389       Land and Land Rights       8,035,202,17       12,013,75       14,930,00         381       Office Furniture and Equipment       2,121,97       12,013,75       14,930,00         394       Tools, Shop and Garage Equipment       2,321,425,93       343,220,07       14,930,00         394       Tools, Shop and Garage Equipment       2,171,549,65       14,930,00       14,21,97         395       Laboratory Equipment       2,171,549,65       149,244,19       134,224,19         395       Communication Equipment       3,171,549,65       194,224,19       14,24,219<	_		2,835,221.58	88,855.12	(73,183.80)			2,850,892,90
372       Leased Prop on Customer's Premises       670,014.31       27,557.19         373       Streetlight and Signal Systems       1,360,235.14       27,557.19         373       Streetlight and Signal Systems       5.050,235.14       27,557.19         5. GENERAL PLANT       5. GENERAL PLANT       24,503.06       1,315,092.56         380       Structures and Improvements       1,360,235.14       12,013.75         391       Office Furmiture and Equipment       24,503.06       1,315,092.56         392       Transportation Equipment       2,321,425.93       343,232.00         393       Structures and Improvements       107,719.26       14,930.00         394       Tools, Shop and Garage Equipment       2,321,425.93       343,232.07         395       Laboratory Equipment       2,321,425.93       343,232.00         395       Laboratory Equipment       2,321,425.93       343,232.07         396       Power Operated Equipment       2,171,549.65       14,930.00         397       Communication Equipment       3,171,549.65       194,224.19         398       Power Operated Equipment       3,171,549.65       194,224.19         399       Other Tangible Property       2,121.97       104,224.16         398	~	ions on Customer's Premises	6,953.41					6,953,41
373       Streetlight and Signal Systems       1,360,235,14         5. GENERAL PLANT       5. GENERAL PLANT         5. GENERAL PLANT       5. GENERAL PLANT         5. GENERAL PLANT       5. GENERAL PLANT         389       Land and Land Rights         390       Structures and Improvements         391       Office Furniture and Equipment         392       Transportation Equipment         393       Stores Equipment         394       Tools, Shop and Garage Equipment         395       Laboratory Equipment         396       Power Operated Equipment         397       Communication Equipment         398       Miscellaneous Equipment         397       Communication Equipment         398       Miscellaneous Equipment         399       Power Operated Equipment         391       Communication Equipment         392       Communication Equipment         393       Stores Equipment         394       Tools, Shop and Garage Equipment         395       Power Operated Equipment         396       Power Operated Equipment         397       Communication Equipment         398       Miscellaneous Equipment         398       Misc		Prop on Customer's Premises	670,014.31	27,557.19	(1,027.32)			696,544 18
Total Distribution Plant       52,770,709.00       1,315,092.56         5. GENERAL PLANT       5. GENERAL PLANT         5. GENERAL PLANT       5. GENERAL PLANT         389 Land and Land Rights       8,035,202.17       12,013.75         390 Structures and Improvements       186,290.37       12,013.75         391 Office Furniture and Equipment       2,321,425.93       343,232.00         392 Transportation Equipment       2,321,425.93       343,232.00         393 Stores Equipment       2,321,425.93       343,232.00         394 Tools, Shop and Garage Equipment       2,321,425.93       343,232.00         395 Laboratory Equipment       2,321,425.93       343,232.00         395 Laboratory Equipment       2,321,425.93       343,232.07         395 Laboratory Equipment       2,171,549.65       14,930.00         396 Niscellaneous Equipment       3,171,549.65       194,224.19         397 Communication Equipment       3,171,549.65       194,224.19         398 Miscellaneous Equipment       3,1771,549.65       194,224.19	373	ght and Signal Systems	1,360,235.14		(187,761.43)	(102,270.74)		1.070.202.97
5. GENERAL PLANT       5. GENERAL PLANT         389       Land and Land Rights         390       Structures and Improvements         391       Office Furniture and Equipment         392       Transportation Equipment         393       Structures and Equipment         394       Tools, Shop and Garage Equipment         395       Laboratory Equipment         396       Kansportation Equipment         397       Tools, Shop and Garage Equipment         398       Laboratory Equipment         399       Laboratory Equipment         391       Tools, Shop and Garage Equipment         392       Communication Equipment         393       Stores Equipment         394       Tools, Shop and Garage Equipment         395       Laboratory Equipment         396       Nacolanatory Equipment         397       Communication Equipment         398       Miscellaneous Equipment         397       Communication Equipment         398       Miscellaneous Equipment         399       Niscellaneous Equipment         391       Total General Plant         398       Miscellaneous Equipment         399       Total Electric Plant in Service </td <td></td> <td>I Distribution Plant</td> <td>52,770,709.00</td> <td>1,315,092.56</td> <td>(414,524.63)</td> <td>(102,270.74)</td> <td></td> <td>53,569,006.19</td>		I Distribution Plant	52,770,709.00	1,315,092.56	(414,524.63)	(102,270.74)		53,569,006.19
389       Land and Land Rights       24,503.06       12,013.75         390       Structures and Improvements       8,035,202.17       12,013.75         391       Office Furniture and Equipment       186,290.37       14,930.00         392       Transportation Equipment       2,321,425.93       343,232.00         393       Stores Equipment       2,321,425.93       343,232.00         394       Tools, Shop and Garage Equipment       2,321,425.93       343,232.00         393       Stores Equipment       2,121.97       421,801.25       28,320.72         394       Tools, Shop and Garage Equipment       421,801.25       28,320.72         395       Laboratory Equipment       3,171,549.65       194,224.19         397       Communication Equipment       3,171,549.65       194,224.19         398       Miscellaneous Equipment       3,171,549.65       194,224.19         399       Other Tangible Property       17,71,7729.18       654,489.33         399       Other Tangible Property       17,717,729.18       654,489.33         399       Other Tangible Property       17,717,729.18       659,646.70         10tal General Plant       83,139,462.40       1,969,581.89         399       Other Tangible Property		ENERAL PLANT						
380       Structures and Improvements       8,035,202.17       12,013.75         381       Office Furniture and Equipment       186,290.37       12,013.75         382       Transportation Equipment       2,321,425.93       343,232.00         383       Stores Equipment       2,321,425.93       343,232.00         393       Stores Equipment       2,321,425.93       343,232.00         394       Tools, Shop and Garage Equipment       2,321,425.93       347,256         395       Laboratory Equipment       2,121.97       490,765.58       2,121.97         395       Laboratory Equipment       2,121.67       2,121.97       2,121.97         395       Power Operated Equipment       2,171,549.65       194,224.19       61,747.75         397       Communication Equipment       3,171,549.65       194,224.19       61,747.75         398       Miscellaneous Equipment       2,180,724.16       59,646.70       17,717,729.18       1969,581.89         399       Other Tangible Property       Total General Plant       2,139,462.40       1,969,581.89       17,969,581.89         399       Other Tangible Property       Total Electric Plant in Service       83,139,462.40       1,969,581.89       17,1369,655,81.89	389	nd Land Rights	24,503.06	i			·	24,503.06
391       Office Furniture and Equipment       186,290.37         392       Transportation Equipment       2,321,425.93       343,232.00         393       Stores Equipment       2,321,425.93       343,232.00         394       Tools, Shop and Garage Equipment       2,321,425.58       2,121.97         395       Laboratory Equipment       490,765.58       2,121.97         395       Laboratory Equipment       3,171,549.65       194,224.19         397       Communication Equipment       3,171,549.65       194,224.19         398       Miscellaneous Equipment       3,171,549.65       194,224.19         399       Other Tangible Property       2,139,462.40       1,969,581.89         101       Total General Plant       2,139,462.40       1,969,581.89	390	es and Improvements	8,035,202.17	12,013.75				8,047,215.92
392       Transportation Equipment       2,321,425.93       343,232.00         393       Stores Equipment       107,719.26       14,930.00         394       Tools, Shop and Garage Equipment       490,765.58       2,121.97         395       Laboratory Equipment       421,801.25       28,320.72         395       Laboratory Equipment       3,171,549.65       194,224.19         397       Communication Equipment       3,171,549.65       194,224.19         398       Miscellaneous Equipment       3,171,549.65       194,224.19         399       Other Tangible Property       1,747.75       59,646.70         399       Other Tangible Property       17,717,729.18       654,489.33         Total General Plant       83,139,462.40       1,969,581.89	391	urniture and Equipment	186,290.37	-				186,290.37
383       Stores Equipment       107, 719.26       14,930.00         394       Tools, Shop and Garage Equipment       490, 765.58       2,121.97         395       Laboratory Equipment       421,801.25       28,320.72         395       Power Operated Equipment       3,171,549.65       194,224.19         397       Communication Equipment       3,171,549.65       194,224.19         398       Miscellaneous Equipment       3,171,549.65       194,224.19         399       Other Tangible Property       2,896,724.16       59,646.70         399       Other Tangible Property       17,717,729.18       654,489.33         10tal General Plant       17,717,729.18       1,969,581.89         10tal Electric Plant in Service       83,139,462.40       1,969,581.89	392	ortation Equipment	2,321,425.93	343,232.00	(184,975.19)			2,479,682.74
394       Tools, Shop and Garage Equipment       490, 765.58       2,121.97         395       Laboratory Equipment       421,801.25       28,320.72         396       Power Operated Equipment       3,171,549.65       194,224.19         397       Communication Equipment       3,171,549.65       194,224.19         398       Miscellaneous Equipment       2,896,724.16       59,646.70         399       Other Tangible Property       17,717,729.18       654,489.33         399       Other Tangible Property       17,717,729.18       654,489.33         Total General Plant       83,139,462.40       1,969,581.89	393	Equipment	107,719.26	14,930.00				122,649.26
395       Laboratory Equipment       421,801.25       28,320.72         396       Power Operated Equipment       3,171,549.65       194,224.19         397       Communication Equipment       61,747.75       59,646.70         398       Miscellaneous Equipment       2,896,724.16       59,646.70         399       Other Tangible Property       2,896,724.16       59,646.70         399       Other Tangible Property       17,717,729.18       654,489.33         Total General Plant       83,139,462.40       1,969,581.89	'	Shop and Garage Equipment	490,765.58	2,121.97	•			492,887.55
396       Power Operated Equipment       3,171,549.65       194,224.19         397       Communication Equipment       61,747.75       194,224.19         398       Miscellaneous Equipment       61,747.75       59,646.70         399       Other Tangible Property       2,896,724.16       59,646.70         399       Other Tangible Property       17,717,729.18       654,489.33         Total General Plant       83,139,462.40       1,969,581.89	395	ory Equipment	421,801.25	28,320.72				450,121.97
397       Communication Equipment       3,171,549.65       194,224.19         398       Miscellaneous Equipment       61,747.75       59,646.70         399       Other Tangible Property       2,896,724.16       59,646.70         399       Other Tangible Property       17,717,729.18       654,489.33         1 Total General Plant       83,139,462.40       1,969,581.89	396	Operated Equipment						
398       Miscellaneous Equipment       61,747.75       59,646.70         399       Other Tangible Property       2,896,724.16       59,646.70         399       Other Tangible Property       17,717,729.18       654,489.33         Total General Plant       83,139,462.40       1,969,581.89	397	inication Equipment	3,171,549.65	194,224.19	(2,012.23)			3,363,761,61
399       Other Tangible Property       2,896,724.16       59,646.70         Total General Plant       17,717,729.18       654,489.33         Total Electric Plant in Service       83,139,462.40       1,969,581.89	398	aneous Equipment	61,747.75				•	61,747.75
Total General Plant Total Electric Plant in Service 83,139,462.40 1,969,581.89	399	angible Property	2,896,724.16	59,646.70	(380,658.21)			2.575.712.65
Total Electric Plant in Service 83,139,462.40 1,969,581.89		l General Plant	17,717,729.18	654,489.33	(567,645.63)	1		17 804 572.88
		I Electric Plant in Service	83,139,462.40	1,969,581.89	(982,170.26)	(102,270.74)		84,024,603.29
	31				•	Total Cost of Elect	ric Plant	84,024,603.29
	33				ess Cost of Land,	Land Rights, Rigl	nts of Way	807,063.03
	34				Total Cost upon wh	nich Depreciation	s based	83,217,540,26
The above figures should show the original cost of the existing property. In case any part of the property is sold or retired, the cost of such property	he above figures sho	uld show the original cost of the existing pr		of the property is so	old or retired, the c	cost of such prope	A	

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#### COMPARATIVE BALANCE SHEET Assets and Other Debits Balance Balance Increase Line Title of Account Beginning Enđ or No. (a) of Year of Year (Decrease) (b) (C) (d) UTILITY PLANT 1 2 101 Utility Plant - Electric (P. 17) 40,376,628.10 40,728,442.66 351,814.56 Utility Plant - Gas (P. 20) 3 101 4 121 Nuclear Fuel Millstone #3 5 Total Utility Plant 40,376,628.10 40,728,442.66 351,814.56 6 7 8 9 10 11 FUND ACCOUNTS 124 Investment - Hydro Quebec II 32,676.77 154,473.29 121,796.52 12 125 Sinking Funds 13 126 Depreciation Fund (P. 14) 22,120,416.75 23,389,709.81 1,269,293.06 14 128 Other Special Funds 24,177,903.17 26,988,919.01 2,811,015.84 15 Total.Funds 46,330,996.69 50,533,102.11 4,202,105.42 16 CURRENT AND ACCRUED ASSETS 17 131 Cash (P. 14) 1,795,010.96 1,306,812.61 (488,198.35) 18 132 Special Deposits 1,210,975.37 1,199,701.08 (11, 274.29)19 135 Working Funds 2,000.00 2,000.00 134 Other Special Deposits 1,194,632.11 1,498,893.95 304,261.84 20 141 Notes Receivable 21 142 Customer Accounts Receivable 4,688,793.18 4,616,915.27 (71, 877.91)22 143 Other Accounts Receivable 645,960.00 868,227.97 222,267.97 23 146 Receivables from Municipality 24 151 Materials and Supplies (P. 14) 2,239,421.25 2.129.887.28 (109, 533.97)25 26 165 Prepayments 4,756,932.93 4,850,550.56 93,617.63 171 Interest/Dividend Receivable 149,268.64 173,999.19 24,730.55 27 174 Miscellaneous Current Assets 28 Total Current and Accrued Assets 16.682.994.44 16,646,987.91 (36,006.53) 29 DEFERRED DEBITS 30 Unamortized Debt Discount 181 31 182 Extraordinary Property Losses 7,737,254.14 6,869,524.66 (867, 729.48)183 Preliminary Survey & Investment Chgs 32 185 Other Deferred Debits 186 Misc. Deferred Debits 3,660,855.00 2,458,914.00 (1,201,941.00)33 Total Deferred Debits 11,398,109.14 9,328,438.66 (2,069,670.48) 34 35 Total Assets and Other Debits 114,788,728.37 117,236,971.34 2,448,242.97 L-14 Reserve Fund - Liability Reserve Fund - Rate Stabilization 20,051,817.75 22,554,429.98 2,502,612.23 Reserve Fund - Retirement 4,002,086.42 4,310,490.03 308,403.61 Reserve Fund - Other 123,999.00 123,999.00 24,177,903.17 26,988,919.01 2,811,015.84 L-19 Bond Interest: US Bank 54,360.67 (54, 360.67)Braintree Watson -PPD Fund 174,777.41 278,820.92 104,043.51 Westover Fund 828,048.95 932,105.71 104,056.76 Swift River Hydro Operations Co Inc 25,000.00 25,000.00 Other Miscellaneous Special Deposits 112,445.08 262,967.32 150,522.24 1,194,632.11 1,498,893.95 304,261.84 L-26 Prepaid Insurance 12,131.56 11,063.93 (1,067.63)MMWEC - PASNY 272,954.83 272,954.83 MMWEC FUND -WORKING CAPITAL 3,504,708.10 3,504,708.10 Prepaid Postage & Misc. 967,138.44 1,061,823.70 94,685.26

4,756,932.93

4,850,550.56

93,617.63

Line No.		Title of Account (a)	Balance Beginning of Year	Balance End of Year	Increase or (Decrease)
·		APPROPRIATIONS	(b)	(c)	(d)
2	201		· · · ·		
4	205	Sinking Fund Reserves			
5	206				
6	219	Accum Other Comprehensive Income		•	
7	216	Unappropriated Earned Surplus (P. 12)	72,057,804.33	70,000,004,44	-
8		Total Surplus	72,057,804.33	72,930,631.14	872,826.8
9		LONG TERM DEBT	12,007,004.00	72,930,631.14	872,826.8
10	221	Bonds (P. 6)			
11	231	Notes Payable (P. 7)			
12		Total Bonds and Notes		·	
13		CURRENT AND ACCRUED LIABILITIES			<u> </u>
14	232	Accounts Payable	4,075,208.78	4 050 252 59	00 / 0 / 0 0
15	234	Payables to Municipality	4,070,200.70	4,959,252.58	884,043.80
16	235	Customers' Deposits	1,179,392.64	1 161 426 95	
17	236	Taxes Accrued	1,170,002.04	1,161,436.85	(17,955.79
18	237	Interest Accrued	3,353.04	6 224 00	
19	242	Miscellaneous Current and Accrued Liabilities	1,340,582.34	6,324.96	2,971.92
20		Total Current and Accrued Liabilities	6,598,536.80	<u> </u>	79,367.4
21		DEFERRED CREDITS	0,000,000.00	7,040,904.14	948,427.34
22	251	Unamortized Premium on Debt			
23	252	Customer Advances for Construction			
24	253	Other Deferred Credits	21,004,909.17	22,910,990.17	-
25		Total Deferred Credits	21,004,909.17	22,910,990.17	1,906,081.00
26		RESERVES		22,010,000.17	1,906,081.00
27	260	Reserves for Uncollectible Accounts	311,000.00	290,000.00	(21,000.00
28	261	Property Insurance Reserve	;	200,000.00	(21,000.00
29		Injuries and Damages Reserves	_	-	-
30		Pensions and Benefits Reserves	12,044,551.07	10,786,458.89	- (1,258,092.18
31	265	Miscellaneous Operating Reserves			1,200,082.10
32		Total Reserves	12,355,551.07	11,076,458.89	(1,279,092.18
33	.	CONTRIBUTIONS IN AID OF			(1,210,002.10)
		CONSTRUCTION			
	271	Contributions in Aid of Construction	2,771,927.00	2,771,927.00	
35		Total Liabilities and Other Credits	114,788,728.37	117,236,971.34	2,448,242.97

State below if any earning of the municipal lighting plant have been used for any purpose other than discharging indebtedness of the plant, the purpose for which used, and the amount thereof.

L-19 Accrued Wages	199,626.38	210,566.55	10,940.17
Sales Tax Payable	53,868.67	54,104.94	236.2
In Lieu Of Tax	382,500.00	382,500.00	
Misc Curr & Accr Lia	704,587.29	772,778.26	68,190.9
	·		•
	1,340,582.34	1,419,949.75	79.367.4

Page 12 Year Ended December 31, 2017

> Preceding Year (c)

Increase or

(Decrease) from

2,348,810.08

4,543,104.73

116,357.15

73,240.92

4,732,702.80

(2,383,892.72)

(17, 974.00)

#### STATEMENT OF INCOME FOR THE YEAR Line Account Current Year No. (a) (b) **OPERATING INCOME** 1 2 400 Operating Revenues (P. 37) 53,763,296.55 3 Operating Expenses: 4 401 Operation Expense (p. 42) 49,816,921.88 5 402 Maintenance Expense (p.42) 1,526,306.42 6 403 Depreciation Expense 2,135,975.43 7 407 Amortization of Property Losses 867,729.48 8 9 408 Taxes (P. 49) 10 Total Operating Expenses 54,346,933.21 11 **Operating Income** (583,636.66) 412 Rental Income - Hot Water Tanks 12 414 Other Utility Operating Income (P. 50) 13

10				
14		Total Operating Income	(583,636.66)	(2,401,866.72)
15		OTHER INCOME		
16	415	Income from Merchandising, Jobbing,		
		and Contract Work (P. 51)	362,288.18	114,925.47
17	419	Interest Income	1,364,548.27	413,081.17
18	421	Miscellaneous Nonoperating Income (P. 21)	495,641.97	1,355,744.50
19		Total Other Income	2,222,478.42	1,883,751.14
20		Total Income	1,638,841.76	(518,115.58)
21		MISCELLANEOUS INCOME DEDUCTIONS		
22	425	Miscellaneous Amortization		
23	426	Other Income Deductions (P. 21)	18,827.77	(27,313.64)
24		Total Income Deductions	18,827.77	(27,313.64)
25		Income Before Interest Charges	1,620,013.99	(490,801.94)
26		INTEREST CHARGES		,
27	427	Interest on Bonds and Notes		
28	428	Amortization of Debt Discount and Expense		
29	429	Amortization of Premium on Debt - Credit		
30	431	Other Interest Expense	7,187.18	3,310.45
31	432	Interest: Charged to Construction - Credit		
32		Total Interest Charges	7,187.18	3,310.45
33			1,612,826.81	(494,112.39)

			1,012,020.01	(434,112.33)
		EARNED SURPLUS		
Line		Account	Debits	Credits
No.		(a)	(b)	(c)
34	216	Unappropriated Earned Surplus (at beginning of period)		72,057,804.33
35				, ,
36				
37	433	Balance Transferred from Income	_	1,612,826.81
38	434	Miscellaneous Credits to Surplus (P. 21)		-
39	435	Miscellaneous Debits to Surplus (P. 21)	_	
40	436	Appropriations of Surplus (P. 21)	740,000.00	
41	437	Surplus Applied to Depreciation		
42	216	Unappropriated Earned Surplus (at end of period)	72,930,631.14	
43				
44		TOTALS	73,670,631.14	73,670,631,14

Year Ended December 31, 2017

	CASH BALANCES AT END OF YEAR (Ac	count 131)	
Line	Items		Amount
No.	(a)		(b)
· ·	Operation Fund		1,306,812.61
	2		
	3		
4			
5			
6			
7	1		
8			
9			
10	1 · · · · · · · · · · · · · · · · · · ·		
11			
12		TOTAL	1,306,812.61
	MATERIALS AND SUPPLIES (Accounts 15	1-159, 163)	· · · · · · · · · · · · · · · · · · ·
	Summary per Balance Sheet		
, .	· · · ·	Amount End of Year	
Line	Account	Electric	Gas
No.	(a)	(b)	(c)
	Fuel (Account 151 ) (See Schedule, Page 18)	37,531.01	
	Fuel Stock Expenses (Account 152)		
	Residuals (Account 153)		· ·
17	Plant Materials and Operating Supplies (Account 154 (151)) Merchandise (Account 155)	2,092,356.27	· ·
	Other Materials and Supplies (Account 156)		
20	Nuclear Fuel Assemblies and Components - In Reactor (Account 157) Nuclear Fuel Assemblies and Components - Stock Account (Account 158)		
21	Nuclear Byproduct Materials (Account 159)		
	Stores Expense (Account 163)		
23	Total Per Balance Sheet		
	DEPRECIATION FUND ACCOUNT (Accou	2,129,887.28	
line		int 126)	
No.	(a)		Amount
	DEBITS		(b)
	Balance of account at beginning of year		
	Income during year from balance on deposit (interest)	<i>,</i>	22,120,416.75
27	Amount transferred from income (depreciation)		272,671.06
28	· · · · · · · · · · · · · · · · · · ·		2,996,622.00
29		TOTAL	25 290 700 04
30	CREDITS		25,389,709.81
31	Amount expended for construction purposes (Sec. 57,C.164 of G.L.)		2,000,000.00
32 /	Amounts expended for renewals, viz:-		2,000,000.00
33 1	oss during year from balance on deposit (interest)		
34			
35			
36			
37			
38			
	Balance on hand at end of year		23,389,709.81
40		TOTAL	25,389,709.81

Annual Repor	t of The	Cit	y of	Chi	cop	ee						_			Ye	ear	En	ded	De	cer	nbe	эг З <sup>.</sup>	Pag 1, 20	Ŭ
thin utilitỳ plant umn (f).	Balance End of Year	(6)		•		-										ı								
effect of such amounts. Reclassifications or transfers within utility plant accounts should be shown in column (f).	Adjustments Transfers	¢								_		-				1							,	
effect of such amounts. 4. Reclassifications or tra accounts should be sho	Other Credits	(e)												_										
be included in s should be the negative	Depreciation	(n)			1																			
TY PLANT - ELECTRIC ling year. Such items should n (c). adjustments of plant accounts ed in parentheses to indicate	Additions	Ð			r						••••						,	_		_		÷.,		
UTILITY PLANT - ELECTRIC preceding year. Such items should be included in column (c). 3 Credit adjustments of plant accounts should be enclosed in parentheses to indicate the negative	Balance Beginning of Year (h)	(	1		1										ī			_		- -				
<ol> <li>Report below the cost of utility plant in service according to prescribed accounts</li> <li>Do not include as adjustments, corrections of additions and retirements for the current or the</li> </ol>	Account (a)	1. INTANGIBLE PLANT	303 Misc Intangible Plant		-	2. PRODUCTION PLANT		310 Land and Land Rights	311 Structures and Improvements	312 Boiler Plant Equipment	313 Engines and Engine Driven Generators	314 Turbogenerator Units	315 Accessory Electric Equipment	316 Miscellaneous Power Plant Equipment	Total Steam Production Plant	B. Nuclear Production Plant	320 Land and Land Rights	321 Structures and Improvements	322 Reactor Plant Equipment	323 Turbogenerator Units	324 Accessory Electric Equipment	325 Miscellaneous Power Plant Equipment	Total Nuclear Production Plant	
2 Do	Line No.	-	2	m •	4 1	<u>م</u>	ß	7	8	ດ	6	1	12	13	15	16	17	18	19	50	31	53	23	

nnual Re	port o	of TI	ne C	ity (	of C	hic	оре	e	_								_				⁄ea	r Ei	nde	d D	ece	emt	ber	31,	201	17
Balance End of Year (ɑ)	È	371,361.50	1.393.539.12	264,887,14				2,029,787.76			550.947.65	23,942,42		81,497,01	246,302.35		902,689.43	2,932,477.19		257,393.43			1,562,449.47	474,218.41	789,917.46	513,030.64	196,146.58	63,653.33	105,247.62	3.962.056.94
Adjustments Transfers (f)		ı						•			I	ı						1	-	i										
Other Credits (e)			i	•	-			1			ı	1					ľ			ı								-		
Depreciation (d)		1	(85,069,32)	(13,418,64)				(98,487.96)			(18,782.28)	(6,582 00)	• •	(5,499.96)	(13,818.00)		(44,682.24)	(143,170.20)		ſ			(53, 193.60)	(16,166.28)	(26,928.24)	(17,488.92)	(6,686.88)	(2, 169.96)	(3,581 52)	(126.215.40)
Additions (c)		•	,	. 1				•	-	<u></u>		. <b>r</b>						•		r.										
Balance Beginning of Year (b)	024 004 ED	00.100,110	1,478,608.44	278,305.78				2,128,275.72			569,729.93	30,524.42	•	86,996.97	260,120.35		947,371.67	3,075,647.39		257,393.43			1,615,643.07	490,384.69	816,845.70	530,519.56	202,833.46	65,823.29	108,829.14	4.088.272.34
Account (a)	C. Hydraulic Production Plant			333 Water Wheels, Turbines and Generators	334 Accessory Electric Equipment	335 Miscellaneous Power Plant Equipment	336 Roads, Railroads and Bridges	Total Hydraulic Production Plant	D. Other Production Plant	340 Land and Land Rights	341 Structures and Improvements	342 Fuel Holders, Producers and Accessories	343 Prime Movers	344 Generators	345 Accessory Electric Equipment	346 Miscellaneous Power Plant Equipment	Total Other Production Plant	Total Production Plant	3. Transmission Plant	350 Land and Land Rights	351 Clearing Land and Rights of Way	352 Structures and Improvements	353 Station Equipment	354 Towers and Fixtures	355 Poles and Fixtures	356 Overhead Conductors and Devices	357 Underground Conduit	358 Underground Conductors and Devices	359 Roads and Trails	Total Transmission Plant
Line No.	- c			0 O	9	~	8	6	9	=	12	13	4	15 3	16	17	18	19	20		22	23 3	24 3	25 3	26 3	27 3	28	29 3	30 3	31

inual Rep	por	t of	Th	e C	City	of	Chi	сор	ee																Yea	ar È	End	ed	De	cen	ibe	er 31	I, 2	01	7
Balance End of Year (g)	2	153,805.04	7,649.12	7.811.954.26		1.890.074.59	4,853,440,01	4,089,675,92	2,016,522.78	3,118,906.65	490,188.27	985.694.33		141.235.26	579,738.91	26,138,885.14		24,503.06	3,288,232.69	17,634.57	854,556.31	29,178.83	26,803.71	142,302.19		667,043.51		444,230.92	5,494,485.79	38,527,905.06				2,200,537.60	
Adjustments Transfers (f)		•		1		19,089.01	148,138.90	26,040.08	8,455.89	(11,291.88)	2,116.50	449.05		435.95	16,062.47	209,495.97					(1,400.00)	• • .				(1,123.80)	•		(2,523.80)	206,972.17					
Other Credits (e)			1	. •		,	1	•	1		I			ι	(102,270.74)	(102,270.74)													1	(102,270.74)					
Depreciation (d)			(916.68)	(245,001.72)	1	(99,478.20)	(333,557.64)	(125,838.36)	(100,228.56)	(212,962.44)	(17,755.56)	(65,229.00)	• •	(23,069.26)	(33,221.88)	(1,257,259.30)		1	(158,550.00)	(4,163.04)	(129, 157.08)	(6,313.20)	(27,765.61)	(21,522.65)	•	(167,947.82)	•	(93,911.13)	(609, 330. 53)	(2,135,975.43)					
Additions (c)				t		120,812.34	588,611.20	359,811.39	38,977.35	75,242.87	15,225.10	88,855.12		27,557.19	·	1,315,092.56		1	12,013.75	<b>,</b> `	343,232.00	14,930.00	2,121.97	28,320.72		194,224.19		59,646.70	654,489.33	1,969,581.89				413,506.67	
Balance Beginning of Year (b)	-	153,805.04	8,565.80	8,056,955.98		1,849,651.44	4,450,247.55	3,829,662.81	2,069,318.10	3,267,918.10	490,602.23	961,619.16		136,311.38	699, 169.06	25,973,826.65		24,503.06	3,434,768.94	21,797.61	641,881.39	20,562.03	52,447.35	135,504.12		641,890.94		478,495.35	5,451,850.79	38,589,597.17				1,787,030.93	
Account (a)	4. DISTRIBUTION PLANT	_	361 Structures and Improvements	362 Station Equipment	363 Storage Battery Equipment	364 Poles Towers and Fixtures	365 Overhead Conductors and Devices	366 Underground Conduit	367 Underground Conductors and Devices	368 Line Transformers	369 Services	370 Meters	371 Installations on Customer's Premises	372 Leased Prop on Customer's Premises	373 Streetlight and Signal Systems	Total Distribution Plant	5. GENERAL PLANT	389 Land and Land Rights	390 Structures and Improvements	391 Office Furniture and Equipment	392 Transportation Equipment	393 Stores Equipment	394 Tools, Shop and Garage Equipment	395 Laboratory Equipment	396 Power Operated Equipment	397 Communication Equipment	398 Miscellaneous Equipment	399 Other Tangible Property	Total General Plant	Total Electric Plant in Service	104 Utility Plant Leased to Others			107 Construction Work in Progress	
No.		~	<u>~</u>	+	0 9	<u>0</u>	~	ლ დ	ო თ	<u>10</u>	<del></del>	20	0 0	14	5	9	~	8	<u>6</u>	203	21 3	22 3	23 3	24 3	25 3	26 3	27 3	28 3	29	30	31	32 1			ì

Annual Rep	ort of		at .	ty of	Chi	copee									Cost	(k)		Yei	ar E	nde	d De	ecer	nbe		age , <u>2</u> (	
CUDUCTION FUEL AND OIL STOCKS (Included in Account 151) (Except Nuclear Materials) Report below the information called for concerning production fuel and oil stocks. Show quantities in tons of 2,000 lbs., gal., or Mcf., whichever unit of quantity is applicable. Each kind of coal or oil should be shown separately.			Quantity	(a)										- continued	Quantity	()										
COUNCTION FUEL AND OIL STOCKS (Included in Account 151) (Except Nuclear Materials) Report below the information called for concerning production fuel and oil stocks. Show quantities in tons of 2,000 lbs., gal., or Mcf., whichever unit of quantity is ar Each kind of coal or oil should be shown separately.	Pecific use. Kinds of Fuel and Oil		Cost	42,301.73	53,966.00 06 267 72	58 736 72	1				-	58.736.72	37,531.01	Kinds of Fuel and Oil	Cost	(i)										-
ION FUEL AND OIL STOCKS (Inc. (Except Nuclear Materials) low the information called for concerning p ntities in tons of 2,000 lbs., gal., or Mcf., w of coal or oil should be shown separately.	Kinds of Kinds and accurbing the separately by specific use		Quantity (c)		27,971	31.982	-					31,982	18,918		Quantity	(u)										
		Total	Cost (b)		53,966.00 96,267,73	58.736.72				•		58,736.72	37,531.01													
Τ – αστ			(a)	On Hand Beginning of Year		Used During Year (Note A) Generator Fuel					Sold or Transferred	TOTAL DISPOSED OF	BALANCE END OF YEAR		 Item	On Hand Beginning of Year	Received During Year	TOTAL						Sold or Transferred		Note A - Indicate conditionum contraction
			No.	- c	10	4 10	9 2	- ω	6	10	11	12	13		No No	14	15	16 7	18	19	2027	22	23	24	2 42 2 42	

Annus	I Report of The City of Chicopee		Page 2
	MISCELLANEOUS NONOPERATING INCOME (Account 421)	Year Ende	d December 31, 201
Line	Item	······	
No	(a)		Amou
1	Miscellaneous Nonoperating Income -Net Gain/Losses on Disposition of Property	······	(b)
2	Miscellaneous Nonoperating Income -Others		1,176.20
3	Miscellaneous Nonoperating Income -Net Gains/Disp of Investments		149,478.3
4	Miscellaneous Nonoperating Income -Net Unrealized Gains/Losses of Investments		(154,217.09 499,204.53
5			499,204.5
6		TOTAL	495,641.97
	OTHER INCOME DEDUCTIONS (Account 426)		
Line	ltem		Amou
No.	(a)		(b)
7	Donations		18,827.77
8			-,
9			
10			
11			
12			
13			
14		TOTAL	18,827.77
1:	MISCELLANEOUS CREDITS TO SURPLUS (Account 434)		
Line	Item		Amoun
No.	(a)		(b)
15 16			
17			
18			
19			
20			
21			
22			
23			
	MISCELLANEOUS DEBITS TO SURPLUS (Account 435)	TOTAL	<u> </u>
Line	ltem		
No.	(a)		Amount
24			(b)
25			
26			
27			
28			
29			
30			
31			
32		TOTAL	
	APPROPRIATIONS OF SURPLUS (Account 436)		
ne	Item		Amount
<u>o.</u>	(a)		(b)
	Lieu of Tax Payment - City of Chicopee		740,000.00
34			
35			
36			
37			
38			
39			
40		TOTAL	740,000.00

Page 22 Year Ended December 31, 2017

#### MUNICIPAL REVENUES (Account 482,444)

(K.W.H. Sold under the provision of Chapter 269, Acts of 1927)

Line         Act.         Gas Schulde         Cubic Fast         Realwed (b)         Realwed (c)         PP MCF Control (c)           1			(K.W.H. Sol	d under the provision of Chapte	269, Acts of 1927)		
2	No.					Received	1
4         TOTALS         Memory and the second of the secon							
Image: State of Unitial Street Lighting)         FOTALS (0)         Revenue (0)         Average Revenue (0)         (0)				· · · · · · · · · · · · · · · · · · ·		· · · · · · · · · · · · · · · · · · ·	
Electric Stretulae         K.W.H.         Received (c)         Per KWH (compt (c)           5         444-2         Municipat: (Other Than Street Lighting)         19,018,408         2,282,300.79         12.00           6         0         19,018,408         2,282,300.79         12.00           11         12         19,018,408         2,282,300.79         12.00           11         12         19,018,408         2,282,300.79         12.00           12         14         Street Lighting:         TOTALS         2,025,353         209,824.03         10.38           14         15         19         TOTALS         2,025,353         209,824.03         10.38           15         TOTALS         2,025,353         209,824.03         10.38         11.88           16         TOTALS         2,026,353         209,824.03         10.38         11.88           16         TOTALS         2,028,353         209,824.03         10.38         11.88         10.81,82         11.89         11.88         11.89         11.89         11.89         11.89         11.89         11.89         11.89         11.89         11.89         11.89         11.89         11.89         11.89         11.89         11.89	. +		· · · · · · · · · · · · · · · · · · ·			Revenue	
6         444.2         Municipal (Other Than Street Lighting)         18,018,406         2,282,309,76         12,01           6         444.2         Municipal (Other Than Street Lighting)         19,018,406         2,282,309,76         12,01           19         444.1         Street Lighting:         TOTALS         19,018,406         2,282,309,76         12,00           19         TOTALS         2,025,355         200,624,03         10,38         10,38           19         TOTALS         2,025,355         200,624,03         10,38           12         TOTALS         2,025,355         200,624,03         10,38           10         Contepper, MA15 KV         7,000,283         10,695,850,33         4.60			Electric Schedule		K.W.H.		Per KWH (cents)
s         444.2         Municipat (Other Than Street Lighting)         19,016,408         2,282,308,75         12,01           19,016,408         2,282,308,75         12,00           19,016,408         2,282,308,75         12,00           19,016,408         2,282,308,75         12,00           19,016,408         2,282,308,75         12,00           19,016,408         2,282,308,75         12,00           19,016,408         2,282,308,75         12,00           19,016,408         2,282,308,75         12,00           19,016,408         2,282,308,75         12,00           19,016,408         2,025,353         209,624,03         10,38           19,016,408         2,005,353         209,624,03         10,38           19,016,408         Vinter and at Wint:         X/VIIII         Amount         (control (con			(a)		(b)	(c)	
Product         10.015.400         2.282.288.72         15.00           19         44.1         Sheet Lighting:         TOTALS         10.015.400         2.282.288.72         10.20           19         44.1         Sheet Lighting:         TOTALS         2.025.353         209.624.03         10.35           19         TOTALS         2.025.353         200.624.03         10.35           19         TOTALS         2.025.353         200.624.03         10.35           19         TOTALS         2.025.353         200.624.03         10.35           19         Virtuals         2.025.353         200.624.03         10.35           19         Virtuals         2.025.353         200.624.03         10.35           10         Cost per KWH         (cents)         (cents)         (cents)           20         ISO-New England         Ohicopee, Mi 16 KV         70.000.283         10.048.656.22         14.40           20         ISO-New England         Ohicopee, Mi 18 KV         42.389.77         2.29.217.7         1.20           20         ISO-New England         Ohicopee, Mi 18 KV         40.389.71         2.44.05         5.44           20         ISO-New England         Ohicopee, Mi 18 KV         3.00	5	444-2	Municipal: (Other Than Street Light	ing)	19.016.40	5 2,292,309,79	(d) 12.0544
single         street Lignting:         TOTALS         19,016,406         2,292,309,79         12,006           11         2,025,363         209,824.03         10.35           16         70         2,025,363         209,824.03         10.35           19         10         2,025,363         209,824.03         10.35           19         10         2,025,363         209,824.03         10.35           19         10         2,025,363         209,824.03         10.35           19         10         2,025,363         209,824.03         10.35           19         10         10,016,406         2,025,363         209,824.03         11.95           19         10         10,016,406         2,011,739         2,501,933.62         11.86           10         10,016,966,822         10,016,966,852         14,40         1							
1         444-1         Street Lighting:         TOTALS         10,016,406         2,202,309,79         12,006           14         5         10,016,406         2,202,303         10,35         10,35           14         5         2,025,363         209,624,03         10,35           16         707ALS         2,025,363         209,624,03         10,35           17         18         2,025,363         209,624,03         10,35           19         Names of Udifies         Y07ALS         2,017,759         2,601,933,82         11,85           19         Names of Udifies         Where and at What         K.W.H         Amount         Cost per KWH           0         0         (0)	-				· ·		
11 13 14 14 15 16 17 17 18 19         444-1         Street Lighting:         TOTALS         19,016,406         2,282,308,79         12,000           19,016,406         2,025,353         209,624,03         10,38         10,38           19         TOTALS         2,025,353         209,624,03         10,38           19         TOTALS         2,025,353         2,061,938,82         11,89           10         Remove the filter the second at What from White Electric         Where and at What Votage Received         K.W.H         Amount (0,0000)         (0,0000)           20         ISO-New England         Chicopee, MA 115 KV         70,000,283         11,086,358,22         14,40           22         Chicopee Solir, LLC         Chicopee, MA 13,8 KV         246,388,679         2,138,603,34         46           25         Chicopee, MA 13,8 KV         2,080,77         289,221,72         6,13           26         Chicopee, MA 13,8 KV         2,080,77         29,21,72         6,13           25 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>							
11 13 14 15 16 16 17 16 19         444-1         Street Lighting:         TOTALS 19,076,405         19,076,405         2,292,309,79         12.00           19         TOTALS 2,025,353         209,624,03         10.38           19         TOTALS 2,025,353         209,624,03         10.38           19         TOTALS 2,025,353         209,624,03         10.38           19         TOTALS 2,025,353         209,624,03         10.38           19         TOTALS 2,025,353         2,09,79         12.00           19         TOTALS 2,025,353         2,09,624,03         10.38           19         TOTALS 2,025,353         2,09,624,03         10.38           19         TOTALS 2,025,353         2,09,624,03         10.38           19         TOTALS 2,025,353         2,09,624,03         10.38           10         Genession (0)         Chicope,Mans Market Voltage Received (0)         K.W.H         Armount (0,000)         Cost per KWH (0,0000)           20         ISO-New England 21 Pincekee Mans KV         Thoope, Man 15 KV         74,000,0283         10,068,698,22         14,40           21 Pincekee Marcs Olar, LLC Chicopee, Man 13 & KV         2,002,767         124,403,027         8,51           25 Chicopee Gamby Road Soart, LLC Chicopee, Man 13 & KV							
13 4 4 4 5 5 5 6 7 7 7 6 7 7 7 7 7 7 7 7 7 7 7 7				τοται	S 19 016 400	3 202 200 70	10.0544
16 19         10		444-1	Street Lighting:	10171	,		12.0544
16 17 18 19         TOTALS TOTALS         2.025,353         209,624.03         10.33 1.83           TOTALS TOTALS         2.025,353         209,624.03         10.33 1.83           TOTALS 2.1.041,759         2.501,933.82         11.89           Control Contro Control Controcont Control Control Controcont Control Control Con							
18         TOTALS         2,025,353         209,624,03         10.38           TOTALS         21,041,759         2,601,933,82         11.99           PURCHASED POWER (Account 555)           PURCHASED POWER (Account 555)           Constrained from Which Electric Energy is Purchased         Cost per KWH           (a)         (b)         (c)         (d)         (e)         (d)         (e)         (d)         (c)         (c)         (d)         (e)         (d)         (c)         (d)         (d)         (d)         (d)         (d)         (d)         (e)         (d)         (d) <th< td=""><td></td><td></td><td></td><td></td><td>•</td><td></td><td></td></th<>					•		
19         TOTALS         21.041,763         2.001,83.82         11.85           PURCHASED POWER (Account 555)           Names of Ulifiles from Which Electric c.         Where and at What Voltage Received (a)         K.W.H         Amount (c)         Cost per KWH (cents) (0.0000)           20 ISO-New England 21 P.A.S.N.Y.         Chicopee, MA 115 KV         70,000,283         10,088,859,22         14.40           21 P.A.S.N.Y.         Chicopee, MA 115 KV         24,039,877         299,221.72         1.23           22 Ameresco 22 Ameresco 24 Chicope Rever Solar, LLC         Chicopee, MA 13.8 KV         4,43,38,919         2,133,660.33         4,860           24 Chicope River Solar, LLC         Chicopee, MA 13.8 KV         2,002,282         264,059.29         5,473           25 Chicopee Granty Read Solar, LLC         Chicopee, MA 13.8 KV         2,002,382         106,861.39         5,268           26 Southern Silv Renewable Energy Chicopee LLC         Chicopee, MA 13.8 KV         2,002,382         106,861.39         5,268           27 Consolidated Edison Southons         Chicopee, MA 13.8 KV         2,002,482         168,964.70         41.83           28 MMVEC         Chicopee, MA 13.8 KV         2,002,482         106,861.39         5,228           29 MMVEC         Chicopee, MA 115 KV         4,612,563.61         4,862<	17			· .			
Names of Utilities from Which Ellectric e.         Names of Utilities from Which Ellectric (a)         Where and at What Voltage Received (b)         K.W.H         Amount (c)         Cost per KWH (cents) (b)           20         ISO-New England (a)         Chicopee, MA 115 KV         70,000,283         10,066,858.22         14,40 (c)           21         PA.S.N.Y.         Chicopee, MA 115 KV         24,99,221.72         1,23 (c).0000)           22         Ameresco Chicopee, MA 115 KV         24,663,862.2         14,40 (c)         46 (c)           22         Ameresco Chicopee, MA 115 KV         24,663,822         14,40 (c)         21,83,660.33         4,60 (c)           23         Chicopee Solar, ILC Chicopee, MA 13.8 KV         4,63,822         254,059.29 (c),663.38         5,47 (c),658.02           24         Chicopee Grarby Road Solar, LLC Chicopee, MA 13.8 KV         3,002,244 (c),62,962         106,861.39 (c),069,841.38         5,28 (c),069,841.38         5,28 (c),069,841.38         16,598,61.04 (c)         4,47 (c)         4,442,207 (c),63,80.06 (c)         4,48 (c)           29         MMWEC Chicopee MA 115 KV         2,029,82 (c),06,801.38 (c),000,80         16,82,848.70 (c)         4,13 (c)         4,455,030.06 (c)         6,03 (c)           29         MMWEC Chicopee, MA 115 KV         2,87,97,90 (c)         13,456,030.06 (c)         6,03 (c)         6,03 (c) <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>10.3500</td>							10.3500
Names of Utilities from Which Electric energy is Purchased         Where and at What Voltage Received         K.W.H         Amount Amount         Cost per KWH (cents) (0.0000)           20         ISO-New England         Chicopee, MA 115 KV         70.000,283         10.066,858.22         14.40           21         PA.S.N.Y.         Chicopee, MA 115 KV         24.299,827         299,221.72         1.23           22         Ameresco Chicopee, MA 138 KV         463,38,919         2,133,650.33         4.60           23         Chicopee Granty Road Solar, LLC         Chicopee, MA 13.8 KV         3,002,244         184,297.27         6.13           25         Chicopee Granty Road Solar, LLC         Chicopee, MA 13.8 KV         2,508,176         106,661.99         5.26           27         Consolidated Edison Solutions         Chicopee, MA 13.8 KV         2,022,962         106,661.99         5.26           27         Consolidated Edison Solutions         Chicopee, MA 115 KV         2,077,278,480.0         1.455,030.06         5.02           29         MAY         Chicopee, MA 115 KV         2,077,278,480.0         1.455,030.06         5.02           29         Markee Valson         Chicopee, MA 115 KV         2,977,486.0         1.455,030.06         5.03           29         Markee Valson         Ch	19			TOTAL	<b>S</b> 21,041,759	2,501,933.82	11.8903
Ine         from Which Electric Energy is Purchased         Where and at What Vitage Received         K.W.H         Amount (0)         (0) (0)         (0) (0)           20         ISO-New England         Chicopee, MA 115 KV         70,000,283         10,086,858.22         14,40           21         P.A.S.N.Y.         Chicopee, MA 115 KV         24,20,877         299,221,72         1.23           23         Chicopee Solar, LLC         Chicopee, MA 13.8 KV         4,643,822         264,059,29         5,47           24         Chicopee River Solar, LLC         Chicopee, MA 13.8 KV         3,002,244         184,297,27         6,13           25         Chicopee Granby Road Solar, LLC         Chicopee, MA 13.8 KV         2,068,176         164,302,27         6,16           26         Soluthern Sky Renewable Energy Chicopee LLC         Chicopee, MA 18.8 KV         2,022,882         100,66,183         5,28           27         Consolidated Edison Solutions         Chicopee, MA 18.8 KV         2,022,982         108,504,00         4,87           28         Braintree Watson         Chicopee, MA 115 KV         4,012,568         1,082,846,70         4,13           29         MAWVEC         Chicopee, MA 115 KV         9,313,454         461,015,98         4,503           30         Ashuelub			F	PURCHASED POWER (Accourt	nt 555)	•	
Ine         from Which Electric Energy is Purchased         Where and at What Vitage Received         K.W.H         Amount (0)         (0) (0)         (0) (0)           20         ISO-New England         Chicopee, MA 115 KV         70,000,283         10,086,858.22         14,40           21         P.A.S.N.Y.         Chicopee, MA 115 KV         24,20,877         299,221,72         1.23           23         Chicopee Solar, LLC         Chicopee, MA 13.8 KV         4,643,822         264,059,29         5,47           24         Chicopee River Solar, LLC         Chicopee, MA 13.8 KV         3,002,244         184,297,27         6,13           25         Chicopee Granby Road Solar, LLC         Chicopee, MA 13.8 KV         2,068,176         164,302,27         6,16           26         Soluthern Sky Renewable Energy Chicopee LLC         Chicopee, MA 18.8 KV         2,022,882         100,66,183         5,28           27         Consolidated Edison Solutions         Chicopee, MA 18.8 KV         2,022,982         108,504,00         4,87           28         Braintree Watson         Chicopee, MA 115 KV         4,012,568         1,082,846,70         4,13           29         MAWVEC         Chicopee, MA 115 KV         9,313,454         461,015,98         4,503           30         Ashuelub			Names of Utilities	· · · · · · · · · · · · · · · · · · ·	· ·		Cost por KM/W
c.         Energy is Purchased (a)         Voltage Received (b)         (c)         (d)         (e)           20         ISO-New England         Chicopee, MA 115 KV         70,000,283         10,088,868.22         14.40           21         PA.S.N.Y.         Chicopee, MA 115 KV         24,290,877         299,221.72         1.23           22         Ameresco         Chicopee, MA 138 KV         46,338,919         2,133,650.33         4.60           22         Chicopee Solar, LLC         Chicopee, MA 13.8 KV         4,643,822         254,059,29         5.47           24         Chicopee River Solar, LLC         Chicopee, MA 13.8 KV         3,002,244         184,297.27         6.13           25         Chicopee Granby Road Solar, LLC         Chicopee, MA 13.8 KV         2,002,982         106,61.39         5.28           26         Chicopee MA 13.8 KV         2,002,982         106,61.39         5.28         5.28           27         Consolidated Edison Solutions         Chicopee, MA 13.8 KV         3,813,013         186,906.10         4.87           28         MMWEC         Chicopee, MA 115 KV         4,401,207         287,574,900         13,455,039.60         5.02           30         Ashuelot Hydro         Chicopee, MA 115 KV         9,313,454 <td< td=""><td>ne</td><td></td><td></td><td>Where and at What</td><td>K.W.H</td><td>Amount</td><td></td></td<>	ne			Where and at What	K.W.H	Amount	
20         ISO-New England         Chicopee, MA 115 KV         70,000,283         10,066,858,22         14,40           21         PA.S.N.Y.         Chicopee, MA 115 KV         24,290,977         299,221.72         1,23           22         Ameresco         Chicopee, MA 13,8 KV         46,338,919         2,133,660.03         4,60           23         Chicopee Solar, LLC         Chicopee, MA 13,8 KV         4,643,822         254,059,29         5,47           24         Chicopee River Solar, LLC         Chicopee, MA 13,8 KV         3,002,244         184,297,27         6,13           25         Chicopee Granby Road Solar, LLC         Chicopee, MA 13,8 KV         2,022,982         106,661.99         5,226           26         Chicopee Granby Road Solar, LLC         Chicopee, MA 13,8 KV         2,022,982         106,661.99         5,226           27         Consolidated Edison Solutions         Chicopee, MA 115 KV         4,413,267         41,93         49           29         MMWEC         Chicopee, MA 115 KV         4,449,207         267,552.34         6,01         457           30         Ashuelot Hydro         Chicopee, MA 115 KV         9,313,454         461,015.98         4,563           31         Eagle Creak Hydro         Chicopee, MA 115 KV         16,3	lo.			-			
1     P.A.S.N.Y.     Chicopee, MA 115 KV     24,290,677     229,221.72     1.23       22     Ameresco     Chicopee, MA 13.8 KV     4,633,8,919     2,133,660.33     4,60       20     Chicopee Solar, LLC     Chicopee, MA 13.8 KV     4,643,822     254,058.29     5,47       24     Chicopee Solar, LLC     Chicopee, MA 13.8 KV     3,002,244     184,297.27     6,13       25     Chicopee Granty Road Solar, LLC     Chicopee, MA 13.8 KV     2,022,982     106,661.39     5,229       26     Southern Sky Renewable Energy Chicopee LLC     Chicopee, MA 13.8 KV     2,022,982     106,661.39     5,229       26     Chicopee King Solar, LLC     Chicopee, MA 13.8 KV     2,022,982     106,661.39     5,229       27     Consolidated Edison Solutions     Chicopee, MA 115 KV     4,012,586     1,682,946.70     41.33       29     MMWEC     Chicopee, MA 115 KV     4,449,207     267,574,900     13,455,039,06     5,023       20     Ashueloi Hydro     Chicopee, MA 115 KV     4,449,207     267,552,34     6,01       31     Eagle Creek Hydro     Chicopee, MA 115 KV     9,313,454     461,015.98     4,563       32     Hancock Wind     Chicopee, MA 115 KV     9,30,095,061.70     6,564       33     Solar     Chicopee, MA 115 KV	20	ISO-New Englar					
22         Ameresco         Chicopee, MA 13.8 KV         46,338,919         2,133,660.33         4,60           23         Chicopee Solar, LLC         Chicopee, MA 13.8 KV         4,643,822         264,059,29         5,47           24         Chicopee Granty Road Solar, LLC         Chicopee, MA 13.8 KV         3,002,244         184,297,27         6,13           25         Chicopee Granty Road Solar, LLC         Chicopee, MA 13.8 KV         2,208,176         164,302,27         6,15           26         Southern Sky Renewable Energy Chicopee LLC         Chicopee, MA 13.8 KV         2,022,982         106,561,39         5,28           27         Consolidated Edison Solutions         Chicopee, MA 13.8 KV         3,044,907         3,054,966,10         4,97           28         Braintree Watson         Chicopee, MA 115 KV         4,049,207         287,552,34         6,01           31         Eagle Creek Hydro         Chicopee, MA 115 KV         9,313,454         461,015,98         46,503           32         Hancock Wind         Chicopee, MA 115 KV         9,313,454         461,015,98         4,503           34         Chicopee, MA 115 KV         9,313,454         461,015,98         46,503           34         Se           16,356,508         823,86			· .				1.2318
24         Chicopee River Solar, LLC         Chicopee, MA 13.8 KV         3,002,244         184,297,27         6,313           25         Chicopee Granty Road Solar, LLC         Chicopee, MA 13.8 KV         2,002,244         184,297,27         6,15           26         Southern Sky Renewable Energy Chicopee LLC         Chicopee, MA 13.8 KV         2,002,244         184,297,27         6,15           26         Southern Sky Renewable Energy Chicopee LLC         Chicopee, MA 13.8 KV         2,002,982         106,661,39         5,28           27         Consolidated Edison Solutions         Chicopee, MA 13.8 KV         2,022,982         106,661,39         5,28           29         MMWEC         Chicopee, MA 115 KV         4,012,586         1,682,846,70         41.13           29         MMWEC         Chicopee, MA 115 KV         267,574,900         13,455,039,06         5,02           30         Ashuelot Hydro         Chicopee, MA 115 KV         9,313,454         461,015,98         4,95           31         Eagle Creek Hydro         Chicopee, MA 115 KV         9,313,454         461,015,98         4,95           32         Hancock Wind         Chicopee, MA 115 KV         16,356,506         823,661.03         5,03           34         S6         S6         Chicopee, MA 115			110				4.6044
25         Chicopee Granby Road Solar, LLC         Chicopee, MA 13.8 KV         2,508,776         164,302.27         6.16           26         Southern Sky Renewable Energy Chicoppe LLC         Chicopee, MA 13.8 KV         2,022,882         106,661.38         5.26           27         Consolidated Edison Solutions         Chicopee, MA 13.8 KV         3,113,013         186,996.10         4.87           28         Braintree Watson         Chicopee, MA 13.8 KV         3,113,013         186,996.10         4.87           20         Ashuelot Hydro         Chicopee, MA 115 KV         4,012,586         1,682,846.70         41.93           30         Ashuelot Hydro         Chicopee, MA 115 KV         2,676,74,900         13,455,039,06         5.02           31         Eagle Creek Hydro         Chicopee, MA 115 KV         9,313,454         461,015.98         4.85           33         4         56         50         24         50.30,06         5.03           34         56         50         24         50.30,06         5.03         5.03           33         4         56         50         50         50         50         50           36         20,095,061.70         0,000         6         6         6         6		•					5.4709
22         Southern Sky Renewable Energy Chicopee LLC Consolidated Edison Solutions         Chicopee, MA 13.8 KV         2,022,982         106,561.39         5,28           27         Consolidated Edison Solutions         Chicopee, MA 13.8 KV         3,913,013         185,996.10         4,87           28         Braintree Watson         Chicopee, MA 115 KV         4,012,586         1,682,846.70         41.93           20         Ashuelot Hydro         Chicopee, MA 115 KV         267,574,900         13,455,039,06         6.02           30         Ashuelot Hydro         Chicopee, MA 115 KV         9,313,454         461,015.98         4.95           32         Hancock Wind         Chicopee, MA 115 KV         9,313,454         461,015.98         4.95           33         Grieopee, MA 115 KV         16,356,506         823,661.03         5.03           34         Grieopee, MA 115 KV         16,356,506         823,661.03         5.03           34         Grieopee, MA 115 KV         16,356,506         823,661.03         5.03           34         Grieopee, MA 115 KV         16,356,506         823,661.03         5.03           36         Marnes of Utilities         KW.H         Amount         KWH (cants)         (0,0000)           10         (b)			-	-			. 6.1520
28         Braintree Watson         Chicopee, MA 115 KV         4,012,586         1,882,846,70         41,93           29         MMWEC         Chicopee, MA 115 KV         4,012,586         1,882,846,70         41,93           20         Ashuelot Hydro         Chicopee, MA 115 KV         4,449,207         267,574,900         13,456,039,06         5.02           30         Ashuelot Hydro         Chicopee, MA 115 KV         4,449,207         267,552,34         8.01           31         Eagle Creek Hydro         Chicopee, MA 115 KV         9,313,454         461,015.98         4.56           33         Hancock Wind         Chicopee, MA 115 KV         9,313,454         461,015.98         4.56           33         Chicopee, MA 115 KV         16,356,506         823,661.03         5.03           34         S5         SALES FOR RESALE (Account 447)         6.564           SALES FOR RESALE (Account 447)           KWH cents)           (a)         Where and at What         K.W.H         Amount         KWH (cents)           (b)         Ubitage Delivered         (c)         (d)         (e)           (b)         Ubitage Delivered         (c)         (e)         (e)			,				5.2675
29         MMWEC         Chicopee, MA 115 KV         267,574,900         13,455,039,06         5.02           30         Ashuelot Hydro         Chicopee, MA 115 KV         4,449,207         267,552,34         8,011           31         Eagle Creek Hydro         Chicopee, MA 115 KV         9,313,454         461,015,88         4,951           33         Aanuelot Hydro         Chicopee, MA 115 KV         9,313,454         461,015,88         4,951           33         Chicopee, MA 115 KV         16,356,506         823,661,03         5.031           33         Chicopee, MA 115 KV         16,356,506         823,661,03         5.031           34         Second         Mames of Utilities         Chicopee, MA 115 KV         16,356,506         823,661,03         5.031           35         Second         Mames of Utilities         Chicopee, MA 115 KV         16,356,506         823,661,03         5.031           36         Second         Mames of Utilities         Chicopee, MA 115 KV         16,356,506         823,661,03         5.031           37         Second         Mames of Utilities         Voltage Delivered         (C)         (d)         (d)         (0,0000)         (e)         (e)         (e)         (e)         (e)         (e)							4.8779
30         Ashuelot Hydro         Chicopee, MA 115 KV         4,449,207         267,552.34         8.01           31         Eagle Creek Hydro         Chicopee, MA 115 KV         9,313,454         461,015.98         4,950           32         Hancock Wind         Chicopee, MA 115 KV         9,313,454         461,015.98         4,950           34         35         Chicopee, MA 115 KV         16,356,506         823,681.03         5.034           34         35         4         458,326,970         30,095,081.70         6.560           SALES FOR RESALE (Account 447)           KWind Chicipee, MA 115 KV         458,326,970         30,095,081.70         6.560           SALES FOR RESALE (Account 447)           KWIH (cents)           Ime Names of Utilities to Which Electric         Where and at What         K.W.H         Amount         Revenue per           No.         Energy is sold         (b)         (c)         (d)         (0.000)         (e)           37         38         40         41         41         41         41         41         41         41         41         41         41         41         41         41         41         41         41	29	MMWEC					5.0285
32         Hancock Wind         Chicopee, MA 115 KV         16,356,506         823,661.03         5.034           33         34         35         36         458,326,970         30,095,061.70         6.566           SALES FOR RESALE (Account 447)           K.W.H         Amount         Revenue per           KWH (cents)           ine         to Which Electric         Where and at What         K.W.H         Amount         KWH (cents)         (0.0000)         (e)         (e)         (e)         40         40         40         40         40         40         40         41         42         40						' '	6.0135
33     34     35     36			310	-			4.9500
35 36         36         458,326,970         30,095,061.70         6.560           SALES FOR RESALE (Account 447)           ine         Names of Utilities to Which Electric Energy is sold         Where and at What Voltage Delivered (c)         K.W.H         Amount (d)         Revenue per KWH (cents) (0.0000)           37 38 39 40 41 42         37 38         39         (b)         (c)         (d)         (e)					10,000,000		0.0337
36     458,326,970     30,095,081.70     6,560       SALES FOR RESALE (Account 447)       Revenue per to Which Electric Energy is sold (a)     Where and at What Voltage Delivered (c)     K.W.H     Amount (d)     Revenue per KWH (cents) (0.000)       37     38     (b)     (c)     (d)     (e)       37     38     (b)     (c)     (c)     (c)     (c)       40     41     42     (c)     (c)     (c)     (c)							
SALES FOR RESALE (Account 447)         ine       Names of Utilities to Which Electric       Where and at What Voltage Delivered       K.W.H (c)       Amount (d)       Revenue per KWH (cents) (0.0000) (e)         37       38         39       40         41       42			· .		-		1997 - 1997 -
SALES FOR RESALE (Account 447)         ine       Names of Utilities to Which Electric       Where and at What Voltage Delivered       K.W.H (c)       Amount (d)       Revenue per KWH (cents) (0.0000) (e)         37       38         39       40         41       42					458,326,970	30,095,061.70	6.5663
Names of Utilities to Which Electric     Where and at What Energy is sold     K.W.H     Amount (c)     Revenue per (d)       37 38 39 40 41 42     (a)     (b)     (c)     (d)     (c)			s	ALES FOR RESALE (Account	447)	· · · · · ·	
ine     to Which Electric     Where and at What     K.W.H     Amount     KWH (cents)       No.     Energy is sold     Voltage Delivered     (C)     (d)     (0.0000)       (a)     (b)     (c)     (d)     (e)       38     39       40     41       42     41						, . <u>.</u>	
No.         Energy is sold         Voltage Delivered         (c)         (d)         (0.000)           (a)         (b)         (c)         (d)         (0.000)         (e)           37         (b)         (c)         (d)         (c)         (d)         (c)           37         (b)         (c)         (c)         (d)         (c)         (c)         (c)           38         (c)         (c) <td>Line</td> <td></td> <td></td> <td>Where and at What</td> <td>K W H</td> <td>Amount</td> <td></td>	Line			Where and at What	K W H	Amount	
(a) (b) (e) 37 38 39 40 41 42	No.						• •
38       39       40       41       42			(a)				
39 40 41 42							
41 42							
42							·
				TOTAL	s 0		

Annual Report of The City of	Chicopee	<u> </u>		<u> </u>	<u>ear Ended December 31</u>	, 2017	Page 37
<ol> <li>Unmetered sales should be included below. The details of such sales should be given in a footnote.</li> <li>Classification on Commercial and Industrial Sales, Account 442, Large (or Industrial) may be according to the basis of classification regularly used by the respondent if such basis of classification is not greater than 1000 KW. See Account 442 of the Uniform System of Accounts. Explain basis of Classification.</li> </ol>	Decrease or Increase or (Decrease) from Preceding Year	(g) 126 42	(1)	167 0 167		· · ·	
d sales should be included belo be given in a footnote. ion on Commercial and Industr ion may be according to the Jby the respondent if such bas 1000 KW. See Account 442 of Explain basis of Classification Explain basis of Classification	Number for Year	23,112 2,453	163 76	25,809		· · · · · ·	
<ol> <li>Unmetered sales should be included below. The details of such sales should be given in a footnote.</li> <li>Classification on Commercial and Industrial Sales, Account 442. Large (or Industrial) may be according to the basis of classification regularly used by the respondent if such basis of classification is noi greater than 1000 KW. See Account 442 of the Uniform System of Accounts. Explain basis of Classification</li> </ol>	Increase or (Decrease) from Preceding Year	(8,976,742) (601,609)	(2,923,526) (828,926) (681,396)	(14,012,199) (14,012,199)		· · · · · · · · · · · · · · · · · · ·	
ELECTRIC OPERATING REVENUES (Account 400) meter readings are added for billing purposes, one customer shall be counted for each group of meters so added. The average number of customers means the average of the 12 figures at the close of each month. If the customer count in the residential service classification includes customers counted more than once because of special services, such as water heating, etc., indicate in a footnote the number of such duplicate customers included in the classification. Operating Revenues Kilowatt-hours Sold	Amount for Year (d)	187,694,931 206,603,895	21,041,759 21,980,126 12,508,229	449,828,940 449,828,940			
ELECTRIC OPERATING REVENUES (Account 400) meter readings are added for billing purposes, one customer shall be counted for each group of meters so added. The average num of customers means the average of the 12 figures at the close of 6 month. If the customer count in the residential service classificatit includes oustomers counted more than once because of special services, such as water heating, etc., indicate in a footnote the nu of such duplicate customers included in the classification. Operating Revenues Keiners	Increase or (Decrease) from Preceding Year (c)	153,705.08 364,254.93 i	(139,220.96) 12,209,96 (35,876.06) 2,060,000.00	2,415,072.95 - - 2,415,072.95		3,687.96 12,773.40 26,514.40 (109,238.63)	(66,262.87) 2,348,810.08
ELECTRIC OPERA meter readings are adde be counted for each gro of customers means the month. If the customer includes oustomers cou services, such as water of such duplicate custor Operating Revenues	Amount for Year (b)	23,459,104.51 24,767,258.31	2,501,933.82 2,188,141.67 1,526,423.64 (1,600,000,00)	52,842,861.95 52,842,861.95		36,216.26 59,630.90 243,391.04 581,196.40	920,434.60 53,763,296.55
<ol> <li>Report below the amount of operating revenue for the year for each prescribed account and the amount of increase or decrease over the preceding year.</li> <li>If increases and decreases are not derived from previously reported figures, explain any inconsistencies.</li> <li>Number of customers should be reported on the basis of meters, plus number of late rate accounts except where separate</li> </ol>	Account (a)	SALES OF ELECTRICITY Residential Sales Commercial and Industrial Sales Small Commercial B Sales Large Commercial C Sales		I otal Sales to Ultimate Consumers Sales for Resale Total Sales of Electricity OTHER OPERATING REVENUES		Forrented Discounts Miscellaneous Service Revenues Sales of Water and Water Power Rent from Electric Property Interdepartmental Rents Other Electric Revenues Miscellaneous Revenues	Total Other Operating Revenues Total Electric Operating Revenue
<ol> <li>Report be year for each decrease ovi</li> <li>If increase reported figui</li> <li>Number o meters, plus</li> </ol>	Line No.	2 440 5 442	6 444 7 445 8 446 9 446 10 449	12 13 447 447		10 451 16 451 18 454 19 455 20 456 21 457 22 456 23 23 23 23	25 26

### SALES OF ELECTRICITY TO ULTIMATE CONSUMERS

Report by account number the K.W.H. sold, the amount derived and the number of customers under each filed schedule or contract. Municipal sales, contract sales and unbilled sales may be reported separately in total.

Line	Account	Schedule	K.W.H.	Revenue	Average Revenue per KWH	Number of Cus (per Bills rend	
No.	No.	(a)	(b)	(c)	(cents) (0.0000) (d)	July 31 (e)	Dec 31 (f)
1 2 3	440 442	Residential Commercial & Industrial	187,694,931 206,603,895		12.50000 11.99000	23,376 2,540	23,065 2,432
4 5	444	Municipal	21,041,759	2,501,933.82	11.89000	166	167
6 7 8 9	445	Other Sales to Public Authorities: Federal State	21,980,126 12,508,229	2,188,141.67 1,526,423.64	9.96000 12.20000	5 77	5 75
10 11 12	449	Miscellaneous Sales Rate Stabilization		(1,600,000.00)			
13 14 15 16 17	• •						
18 19 20	· · ·						
					1		
					:		
		GTO ULTIMATE G (page 37 Line 11)	449,828,940	52,842,861.95	11.75000	26,164	25,744

## Page 38

Year Ended December 31, 2017

		ort of The City of Chicopee ELECTRIC OPERATION	AND	MAINTENANCE EXPENSES	r Ended December 31, 2
		1. Enter in the space proved the operation and maintenar			
		2. If the increases and decreases are not derived from pr	nue exp	benses for the year	
	T		eviousi	ly reported ligures, explain in rootho	
		Account			Increase or
_ine				Amount for Year	(Decrease) from
No.		(a)		(b)	Preceding Year
	-				<u>(c)</u>
1	1	POWER PRODUCTION EXPENSES			,
2		STEAM POWER GENERATION			
3		Operation:			
4	500	Operation supervision and engineering			
5	501	Fuel			
6	502	Steam Expenses			
7	503	Steam from other sources			,
8	504	Steam transferred Cr.			
9		Electric expenses			
10	506	Miscellaneous steam power expenses			
11	507	Rents	ļ		
12		Total Operation	•		·,
13		Maintenance:			
14	510	Maintenance supervision and engineering			
15		Maintenance of Structures			
16	512	Maintenance of boiler plant			
17	513	Maintenance of electric plant			
18	514	Maintenance of miscellaneous steam plant			
19		Total Maintenance	ŀ		·
20		Total power production expenses -steam power	ŀ	· · · · · · · · · · · · · · · · · · ·	<u> </u>
21		NUCLEAR POWER GENERATION	F		
22		Operation:	1		
23	517	Operation supervision and engineering			
24	518	Fuel			
25	519	Coolants and water			
26	520	Steam Expenses			
27	521	Steam from other sources			
28	522	Steam transferred Cr.			· · · · ·
29	523	Electric expenses		·	
30	524	Miscellaneous nuclear power expenses			
31	525	Rents			
32		Total Operation	ŀ		
33		Maintenance:	-		<u> </u>
34	528	Maintenance supervision and engineering			
35	520 529	Maintenance of Structures			
36				· · · ·	
[	530	Maintenance of reactor plant		· · · · · · · · · · · · · · · · · · ·	
37	- 531	Maintenance of electric plant	•	. 1	
38	532	Maintenance of miscellaneous nuclear plant	L		
39		Total Maintenance		-	-
40		Total power production expenses -nuclear power	Γ		
41		HYDRAULIC POWER GENERATION			
42		Operation:	ľ		
43	535	Operation supervision and engineering			
44	536	Water for power			
45	537	Hydraulic expenses			
46	538			208,403.53	(23,486.2
		Electric expenses			
47	539	Miscellaneous hydraulic power generation expenses		.	
48	540	Rents		· · · · · · · · · · · · · · · · · · ·	
49	•	Total Operation		208,403.53	(23,486.2

.

	1	ELECTRIC OPERATION AND MAINTENAN	CE EXPENSES - Continue	d	
Line No.		Account (a)	Amount for Year (b)	Increase or (Decrease) from Preceding Year	
1	<u> </u>	HYDRAULIC POWER GENERATION - Continued		(c)	
2		Maintenance:			
3	541	Maintenance Supervision and engineering			
. 4	542	Maintenance of structures			
5	543	Maintenance or reservoirs, dams and waterways			
6	544	Maintenance of electric plant			
7	-545	Maintenance of miscellaneous hydraulic plant			
- 8		Total maintenance			
9		Total power production expenses - hydraulic power	208,403.53		
10		OTHER POWER GENERATION	200,403.33	(23,486.2	
11		Operation:			
12	546	Operation supervision and engineering			
13	547	Fuel	58,736.72	20.059.5	
14	548	Generation Expenses	30,730.72	30,058.5	
15	549	Miscellaneous other power generation expense	-	-	
16	550	Rents	•	а	
17		Total Operation	E8 700 70		
18		Maintenance	58,736.72		
19	551	Maintenance supervision and engineering			
20	552	Maintenance of Structures			
21	553	Maintenance of generating and electric plant			
22	554	Maintenance of miscellaneous other power generation plant	. 28,986.69	4,145.2	
23	004	Total Maintenance		<b>,</b>	
24		É.	28,986.69	4,145.28	
25		Total power production expenses - other power OTHER POWER SUPPLY EXPENSES			
26	555		· · · · · · · · · · · · · · · · · · ·		
27	555 556	Purchased power	30,095,061.70	2,305,465.4	
27	557	System control and load dispatching			
	007	Other expenses	647,015.27	95,866.79	
29 30		Total other power supply expenses		2,401,332.2	
		Total power production expenses	31,038,203.91	2,412,049.83	
31 32					
	500	Operation:			
33	560	Operation supervision and engineering	22,897.40	(10,205.13	
34	561	Load dispatching			
35	562	Station expenses			
36	563	Overhead line expenses			
37	564 505	Underground line expenses			
38	565 566	Transmission of electricity by others	9,665,444.77	589,527.66	
39	566	Miscellaneous transmission expenses			
40	567	Rents			
41		Total Operation	9,688,342.17	579,322.53	
42		Maintenance:			
43	568	Maintenance supervision and engineering			
44	569	Maintenance of structures	7,880.66	255.36	
45	570	Maintenance of station equipment			
46	571	Maintenance of overhead lines	-	(11,600.00	
47		Maintenance of underground lines			
48		Maintenance of miscellaneous transmission plant			
	574	Maintenance of transmission plant	14,220.08	(24,413.60	
49		Total maintenance	22,100.74	(35,758.24	
50		Total transmission expenses	9,710,442.91	543,564.29	

	T	ELECTRIC OPERATION AND MAINTENANCE	EXPENSES - Continued	
Line		A securit		Increase or
No.		Account	Amount for Year	(Decrease) from
INO.		(a)	(b)	Preceding Year
1		DISTRIBUTION EXPENSES		(C)
2		Operation:		
3	580	Operation. Operation supervision and engineering	100 017 00	(0.40, 0.00
4	581	Load dispatching (Operation Labor)	429,617.98	(212,230
5	582	Station expenses	0.14 700 50	
6	583	Overhead line expenses	341,702.50	(156,156
7	584	•	482,462.67	(356,296
8	585	Underground line expenses	17,440.31	(10,130
9	586	Street lighting and signal system expenses	24,796.21	(16,389
9 10		Meter expenses	210,895.66	(118,657
	587	Customer installations expenses	115,583.99	(107,617
11	588	Miscellaneous distribution expenses	185,927.43	(19,207.
12	589	Rents	1,200.00	1,200.
13		Total operation	1,809,626.75	(995,484
14		Maintenance:		
15	590	Maintenance supervision and engineering		
-16	591	Maintenance of structures	6,596.20	2,204
17	592	Maintenance of station equipment	173,378.65	(28,045.
18	593	Maintenance of overhead lines	690,849.75	(99,401.
19	594	Maintenance of underground lines	26,575.98	(32,608.
20	595	Maintenance of line transformers	11,041.62	(18,843.
21	596	Maintenance of street lighting and signal systems	777.75	338.
22	597	Maintenance of meters	6,287.16	(3,352
23	598	Maintenance of miscellaneous distribution plant		
24		Total maintenance	915,507.11	. (179,707.
25		Total distribution expenses	2,725,133.86	(1,175,192.
26		CUSTOMER ACCOUNTS EXPENSES		
27		Operation:		
28	901	Supervision		
29	902	Meter reading expenses	148,742.07	(112,630.
30	903	Customer records and collection expenses	1,397,898.58	(336,262.
31	904	Uncollectible accounts	104,510.27	(39,661.)
32	905	Miscellaneous customer accounts expenses		(,
	908	Customer assistance expenses	395,854.41	(42,235.)
	909	Informational/Instruct expenses	18,350.00	4,390.
33		Total customer accounts expenses	2,065,355.33	(526,399
34		SALES EXPENSES		
35		Operation:		1
36	911	Supervision		
37	912	Demonstrating and selling expenses		
38	913	Advertising expenses		
39	916	Miscellaneous sales expenses		
40		Total sales expenses	-	-
41		ADMINISTRATIVE AND GENERAL EXPENSES		
42	~~~	Operation:		
43	920	Administrative and general salaries	673,921.86	(534,031.)
44	921	Office supplies and expenses	197,584.31	19,080.
45	922	Administrative expenses transferred - Cr		
46	923	Outside services employed	164,923.89	16,671.
47	924	Property insurance	68,390.00	(5,485.
48	925	Injuries and damages	213,784.90	38,120.
49	926	Employee pensions and benefits	3,722,225.50	3,575,239.
50 51	928 929	Regulatory commission expenses Store Expense		-
52				
52 53	930 931	Miscellaneous general expenses	198,353.46	(31,763.)
	931	Rents Tatal acception	5,196.49	(70.)
54		Total operation	5,244,380.41	3,077,762

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Annual Report of The City of Chicopee Year Ended December 31, 2017 **ELECTRIC OPERATION AND MAINTENANCE EXPENSES - Continued** Amount Increase or Line Account for Year (Decrease) from No. (a) (b) Preceding Year (c) ADMINISTRATIVE AND GENERAL EXPENSES - Cont. 5,244,380.41 1 3,077,762.07 2 Maintenance: 3 935 Maintenance of general plant 296,390.88 36,945.06 Maintenance of transportation equipment 933 263,321.00 263,321.00 559,711.88 300,266.06 4 Total administrative and general expenses 5,804,092.29 3,378,028.13 5 Total Electric Operation and Maintenance Expenses 4,632,049.87 51,343,228.30

	SUMMARY OF ELECTRIC OF	PERATION AND MAINTEN	ANCE EXPENSES	
Line	Functional Classification	Operation	Maintenance	Total
No.	(a)	(b)	(c)	(ď)
6	Power Production Expenses			
7	Electric Generation:			
8	Steam Power:			
9	Nuclear Power			
10	Hydraulic Power	208,403.53		208,403.53
11	Other Power	58,736.72	28,986.69	87,723.41
12	Other Power Supply Expenses	30,742,076.97		30,742,076.97
13	Total power production expenses	31,009,217.22	28,986.69	31,038,203.91
14	Transmission Expenses	9,688,342.17	22,100.74	9,710,442.91
15	Distribution Expenses	1,809,626.75	915,507.11	2,725,133.86
16	Customer Accounts Expenses	2,065,355.33		2,065,355.33
17	Sales Expenses	-		-
18	Administrative and General Expenses	5,244,380.41	559,711.88	5,804,092.29
19	Total Electric Operation and			
20	Maintenance Expenses	49,816,921.88	1,526,306.42	51,343,228.30

21 Ratio of operating expenses to operating revenues (carry out decimal two places, (e.g., 0.00%)
Compute by dividing Revenues (Acct 400) into the sum of Operation and Maintenance Expenses (Page 42, line 20 (d), Depreciation (Acct 403) and Amortization (Acct 407)

- 22 Total salaries and wages of electric department for year, including amounts charged to operating expenses, construction and other accounts.
- 23 Total number of employees of electric department at end of year including administrative, operating, maintenance, construction and other employees (including part-time employees)

101.09%

5,453,274

72

1. This schedule is intended to give the account distribution of total

taxes charged to operations and other final accounts during the year.

charged to accounts to which the material on which the tax was levied

which the tax was levied was charged. If the actual or estimated amounts

2. Do not include gasoline and other sales taxes which have been

of such taxes are known, they should be shown as a footnote and

#### TAXES CHARGED DURING THE YEAR

3. The aggregate of each kind of tax should be listed under the appropriate
 5. For any tax which it was necessary to apportion heading of "Federal", "State" and "Local" in such manner that the total tax
 for each State and for all subdivisions can be readily ascertained.
 5. For any tax which it was necessary to apportion more than one utility department account, state in a footnote the basis of apportioning such tax.

4. The accounts to which the taxes charged were distributed should be shown in columns (c) to (h). Show both the utility department and number of account charged. For taxes charged to utility plant show the number of the appropriate balance sheet plant account or subaccount

more than one utility department account, state in a footnote the basis of apportioning such tax.
6. Do not include in this schedule entries with respect to deferred income taxes, or taxes collected through payroll deductions or otherwise pending transmittal of such taxes to be taxing authority.

designat	ted whether estimated or actual amount	S	the appropriate balance	e sheet plant account o	or subaccount,		of such taxes to the	he taxing authority	
Line No.	Kind of Tax (a)	Total Taxes Charged During Year (omit cents) (b)	Electric Acct 408,409 (c)	Gas Acct 408,409 (d)		(f)	(g)	(h)	(i)
1									
2									
3									
4									
5									
6									
7									
8		· ·		,					
9									
10									
11									
12									:
13	· · · · ·								
14									
15									
16									
17									
18								•	
19									
20									
21	· .								
22									
23									
24									
25									
26									
27	ļ	-			<u> </u>			<u> </u>	
28	TOTALS	-							

#### Page 49 Year Ended December 31, 2017

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	Report of The City of Chicopee OTHER UTILITY	Y OPERATING INC	OME (Account 414	)	December 31, 20
<u> </u>	Report below t	he particulars called	for in each column	· ·	
ne 0.	Property (a)	Amount of Investment (b)	Amount of Department (c)	' Amount of Operating Expenses (d)	Gain or (Loss) from Operation (e)
2					
3					
4					
5 6 7					
	· · · ·				
8 9		•		•	•
9 10					
11		•			
12		· .			
13 14					
15					
16					
17 18					
19					
20					
21 22					
23					
24	· · · · · ·				
25 26					
27 28					
28					
29 30					
31					
32 33					
33 34			· .		
35	· .				
36 37				-	• •
37 38					
38 39 40	· .				
40					
41 42					· · ·
43					
44 45					
45 46			· ·		
47				· ·	
48				·	
49 50	· · · · · · · · · · · · · · · · · · ·			· · · · · · · · · · · · · · · · · · ·	
50 51	TOTALS				

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Page 51 Year Ended December 31, 2017

	INCOME FROM MERCHA	NDISE, JOBBING, A	ND CONTRACT	WORK (Accour	nt 415)
	Report by utility departments the revenue, and contract work during the year.	costs, expenses, and	I net income fron	n merchandising,	jobbing,
		Electric	Gas	Other Utility	
Line	Item	Department	Department	Department	Total
No.	(a)	(b)	(c)	(d)	(e)
1 2		E40 400 04		•	
2		542,499.04			542,499.04
4					
5					
6	Other (list according to major classes)				
8					
9			ł		
10	Total Revenues	542,499.04			542,499.04
11					
12	Conta and Evanages				
14	Costs and Expenses: Cost of sales (list according to major				
15			•		
	Jobbing/Contract Costs	180,210.86			180,210.86
	Materials				
10	Outside Service Labor				. ·
20					
21					
22			· · ·		
23 24					
24 25	· .				
	Sales Expenses				
	Customer accounts expenses				
	Administrative and general expenses				
29 30					
.31				•	
32					
33					
34 35	· · · ·				
36					
37		· · ·			
38					•
39 40					
41					
42					· · ·
43					
44 45				-	
45					
47			l		
48					
49 50		400.040.00			
50 51	TOTAL COSTS AND EXPENSES Net Profit (or loss)	180,210.86 362,288.18			180,210.86 362,288.18

### SALES FOR RESALE (Account 447)

 Report sales during year to other electric utilities and to cities or other public authorities for distribution to ultimate consumers.

Provide subheadings and classify sales as to (1) Associated Utilities, (2) Nonassociated Utilities, (3) Municipalities, (4) R.E.A. Cooperatives, and (5) Other Public Authorities.
 For each sale designate statistical classification in column (b), thus: firm power, FP; dump or surplus power, DP; other, G,

and place and "x" in column (c) if sale involves export across a state line.

3. Report separately firm, dump, and other power sold to the same utility. Describe the nature of any sales classified as Other Power, column (b).

4. If delivery is made at a substation indicate ownership in column (e), thus: respondent owned or leased, RS; customer owned or leased, CS.

					Export			Kw or	Kva of Deman	d
_ine		Sales to:		Statistical Classification	Across State Line	Point of Delivery	Sub Station	Contract Demand	Avg mo. Maximum Demand	Annual Maximum Demand
lo.		(a)		(b)	(c)	(d)	(e)	(f)	<u>(g)</u>	(h)
1			·							
2			. •							
3 ∡										
5										
6										
7										
8										
9 10										
11										
12										
13	· .									
14										
15										
16 17										
18										
19										
20									1	
21										
22										
23										
24 25										
26										
27										
28					ľ					
29										2
30										
31 32										
33										•
34										
35										
36										
37										
38 39										
39 40						\$				
41										
42										

#### SALES FOR RESALE (Account 447) - Continued

5. If a fixed number of kilowatts of maximum demand is specified in the power contract as a basis of billings to the customer this number should be shown in column (f). The number of kilowatts of maximum demand to be shown in column (g) and (h) should be actual based on monthly readings and should be furnished whether or not used in the determination of demand charges. Show in column (i) type of demand reading (instantaneous, 15, 30, or 60 minutes

#### integrated).

6. The number of kilowatt-hours sold should be the quantities shown by the bills rendered to the purchasers.

Explain any amounts entered in column (n) such as fuel or other adjustments.

8. If a contract covers several points of delivery and small amounts of electric energy are delivered at each point, such sales may be grouped.

Type of	Voltage		Rev	enue (Omit Cents	)		Revenue	
Demand Reading (i)	at Which Delivered (j)	Kilowatt- Hours (k)	Capacity Charges (I)	Energy Charges (m)	Other Charges	Total (o)	per kwh (CENTS) (0.0000)	
<u></u>		(N)			(n)	0.00	(p)	`
						0.00		
								- N
								N
								N
							•	
				1			·	
		····						
		·.						
E								
	TOTALS:	0	0.00	0.00	0	0		$\bot$

#### PURCHASED POWER (Account 555) (EXCEPT INTERCHANGE POWER)

Report power purchased for resale during the year.
 Exclude from this schedule and report on page 56 particulars concerning interchange power transactions during the year.
 Provide subheadings and classify purchases as to (1) Associated Utilities, (2) Nonassociated Utilities, (3) Associated Nonutilities, (4) Other Nonutilities, (5) Municipalities, (6) R.E.A Cooperatives, and (7) Other Public

Authorities. For each purchase designate statistical classification in column (b), thus: firm power, FP; dump or surplus power, DP; other, O, and place an "x" in column (c) if purchase involves import across a state line.
Report separately firm, dump, and other power purchased from the same company. Describe the nature of any purchases classified as Other Power, column (b).

				I	-) I	·			
			Aaraa			Kw or	Kva of Demand		
		Chatlant	Across			0	Avg mo.	Annual	
		Statistical	State		Sub	Contract	Maximum	Maximum	
Line	Purchased from	Classification	Line	Point of Receipt	Station	Demand	Demand	Demand	
No.	(a)	(b)	(c)	(d)	(e)	(f)	( <u>g)</u>	(h)	
	P.A.S.N.Y.	0	X	Chicopee, MA	SS			5,024	
2									
3	Ameresco	0		Chicopee, MA				6,371	
4	•								
5	Ashuelot & Lower Robertson Hydro	0	X	Chicopee, MA	SS			921	
6									
7	Chicopee Solar, LLC	0		Chicopee, MA				3,031	
8	•			the second se					
9	Chicopee River Solar, LLC	0		Chicopee, MA				2,182	
. 10						· .		_,	
11	Chicopee Granby Road Solar, LLC	о		Chicopee, MA				1,751	
12				· · · · · · · · · · · · · · · · · · ·				,,, 01	
	Braintree-Watson Generating Station	0		Chicopee, MA	ss			11,490	
14	Blankibo Malbon Bonoraling Callon	· U						11,450	
	Eagle Creek Hydro Assets	0	х	Chicopee, MA	ss			9 957	
16	Lagie Oreek Hydro Assets	Ŭ			33			2,257	
	Hancock Wind	о	v	Ohianaa MA	· 00			5 007	
	Hancock Wind	Ū	Х	Chicopee, MA	SS			5,897	
18									
	Southern Sky Renewable Energy Chicopee LLC	0		Chicopee, MA				1,973	
20	· · · · · · · · · · · · · · · · · · ·								
	Consolidated Edison Solutions	0		Chicopee, MA				3,033	
22									
	MMWEC	FP		Chicopee, MA	SS			44,000	
24				4.					
25									
26	· · · · · · · · · · · · · · · · · · ·								
27									
28									
29				i.					
30									
31					· ·				
32							-		
33							-		
34									
35									
36									
30									
1									
38									
39							•		
40									
41								-	
42				·					

#### PURCHASED POWER (Account 555) (EXCEPT INTERCHANGE POWER)

4. If receipt of power is at a substation indicate ownership in column (e), thus: respondent owned or leased, RS; seller owned or leased, SS.

5. If a fixed number of kilowatts of maximum demand is specified in the power contract as a basis of billing, this number should be shown in column (f). The number of kilowatts of maximum demand to be shown in columns (g) and (h) should be actual based on monthly readings and should be furnished whether or not used in the determination of demand charges. Show in column (i) type of demand reading (instantaneous, 15, 30, or 60 minutes integrated).

6. The number of kilowatt hours purchased should be the quantities shown by the power bills.

7. Explain any amount entered in column (n) such as fuel or other adjustments.

Type of	Voltage			Energy (Omit Cer	T	1	кwн	
Demand	at Which	Kilowatt-	Capacity	Energy	Other		(CENTS)	
Reading	Delivered	Hours	Charges	Charges	Charges	Total	(0.0000)	Line
(i) 60 Minute	(j) 13.8 KV	(k)	(1)	(m)	(n) *	(0)	(p)	No.
	13.0 KV	24,290,877	179,978	119,244		299,222	1.2318	1
60 Minute	13.8 KV	46,338,919		2,133,650		2,133,650	4.6044	2
60 Minute	13.8 KV	4,449,207		267,552		267,552	6.0135	4 5 6
60 Minute	13.8 KV	4,643,822		254,059		254,059	5.4709	7
60 Minute	13.8 KV	3,002,244		184,297		184,297	6.1386	9
60 Minute	13.8 KV	2,508,176		154,302		154,302	6.1520	11
60 Minute	13.8 KV	4,012,586	1,346,969	335,878		1,682,847	41.9392	13
60 Minute	13.8 KV	9,313,454		461,016		461,016	4.9500	15
60 Minute	13.8 KV	16,356,506		823,661		823,661	5.0357	17 18
60 Minute	13.8 KV	2,022,982		106,561		106,561	5.2675	19 20
60 Minute	13.8 KV	3,813,013		185,996		185,996	4.8779	21 22
60 Minute	13.8 KV	267,574,900		13,455,040		13,455,040	5.0285	23 24
								25 26
			· .					27
								28
								29
								30
								31
		5						32
								33
·								34 35
					н Н			36
								37
								38
					1			39
								40
								41
	TOTALS:	388,326,686	1,526,947	18,481,256	0	20,008,203	5.1524	42

### INTERCHANGE POWER (Included in Account 555)

Year Ended December 31, 2017

1. Report below the kilowatt-hours received and under interchange power agreements.

2. Provide subheadings and classify interchanges as to (1) Associated Utilities, (2) Nonassociated Utili- component amounts separately, in addition to debit ties, (3) Associated Nonutilities, (4) Other Nonutilities, (5) Municipalities, (6) R.E.A. Cooperatives, and (7) Other Public Authorities. For each inter-

shall be furnished in Part B, Details of Settlement for delivered during the year and the net charge or credit Interchange Power. If settlement for any transaction also includes credit or debit amounts other than for increment generation expenses, show such other or credit for increment generation expenses, and give a brief explanation of the factors and principles under which such other component amounts were deterchange across a state line place an "x" in column (b) mined. If such settlement represents the net of debits 3. Particulars of settlements for interchange power and credits under an interconnection, power pooling,

coordination, or other such arrangement, submit a copy of the annual summary of transactions and billings among the parties to the agreement. If the amount of settlement reported in this schedule for any transaction does not represent all of the charges and credits covered by the agreement, furnish in a footnote a description of the other debits and credits and state the amounts and accounts in which such other amounts are included for the year.

A. Summary of Interchange According to Companies and Points of Interchange Interchange Voltage at Kilowatt-hours Across Which State Inter-Amount of Line Name of Company Lines Point of Interchange changed Received Delivered Net Difference Settlement No. (a) (b) (c) (d) (e) (f) (g) (h) ISO NE -1 Chicopee, MA 13.8 KV 74,485,069 (4, 484, 786)70,000,283 \$ 10,086,858 2 3 4 5 6 7 8 9 10 11 12 TOTALS 74,485,069 (4, 484, 786)70,000,283 10,086,858 B. Details of Settlement for Interchange Power

Line	Name of Company	Explanation	Amount
No.	(i)	(i)	(k)
13	ISO NE	Energy Received from ISO NE	10,608,565
14		Energy Delivered to ISO NE	(521,707)
15			
16			
17			
18			
19			
20			
21		TOTAL	10,086,858

#### GENERATING STATION STATISTICS (Large Stations) (Except Nuclear, See Instruction 10)

1.Large stations for the purpose of this schedule are steam and hydro stations of 2,500 Kw\* or more of installed capacity and other which is available, specifying period. 5. If a group of employstations of 500 Kw\* or more of installed capacity (name plate ratings) (10,000 Kw and 2,500 Kw, respectively, if annual electric operating revenues of respondent are \$25,000,000 or more.). 2. If any plant is leased, operated under a license from the Federal Power Commission, or operated as a joint facility, indicate

such facts by the use of asterisks and footnotes. 3. Specify if total plant capacity is reported in kva instead of

kilowatts as called for on line 5.

4. If peak demand for 60 minutes is not available, give that ees attends more than one generating station, report on line 11 the approx. avg no of employees assignable to each station. 6. If gas is used and purchased on a therm basis, the BTU content of the gas should be given & the quantity of fuel consumed converted to M cu.ft.

7. Quantities of fuel consumed & the avg cost per unit of fuel consumed should be consistent with chgs to expense accts 501 &

_ine	Item		Plant	Plant	Plant
No.	(a)		(b)	(c)	(d)
1	Kind of plant (stearn, hydro, int. comb., gas turbine)		DIESEL	HYDRO	
2	Type of plant construction (conventional,outdoor				
	boiler,full outdoor, etc.)		Outdoor Encl.	Full Outdoor	
3	Year originally constructed		1978	1983	
4	Year last unit was installed		1978	1983	
5	Total installed capacity (maximum generator name				
	plate ratings in kw)		8,250 KW	2,080 KW	
6	Net peak demand on plant-kilowatts (60 min.)		8,250 KW	2,007 KW	
7	Plant hours connected to load				
8	Net continuous plant capability,kilowatts:				· .
9	(a) When not limited by condenser water		N/A	N/A	
0	(b) When limited by condenser water		N/A	N/A	
1	Average number of employees		1	0	
2	Net generation, exclusive of station use		438,938	6,605,351	
3	Cost of plant (omit cents):		100,000	0,000,001	
4	Land and land rights			371,362	
5	Structures and improvements		667,139	011,002	
6	Reservoirs, dams, and waterways		007,100	1,969,760	
7	Equipment costs		2,353,192	1,000,100	
8	Roads, railroads, and bridges		2,000,102	· .	
9	Total cost		3,020,331	2,341,121	
0	Cost per kw of installed capacity		366	1,126	
1	Production expenses:	•		1,120	· · · · · · · · · · · · · · · · · · ·
2	Operation supervision and engineering				
3	Station labor				
4	Fuel		58,737		
5	Supplies and expenses, including water			208,404	
6	Maintenance		28,987	200,404	
7	Rents	· .	20,007		-
8	Steam from other sources				
9	Steam transfered- Credit				
0	Total production expenses p.40 line 24	·	87,723	208,404	
1	Expenses per net Kwh (5 places)		0.19985	0.03155	
	Fuel: Kind		No. 2 Diesel	Water	
3	Unit:(Coal-tons of 2,000 lb.)(Oil-barrels of 42		NU. 2 DIESEI	vvalci	
"	gals.)(Gas-M cu.ft.)(Nuclear, indicate)		BBLS		
4	Quantity (units) of fuel consumed		761		
5	Average heat content of fuel (BTU per lb.of coal,		101		
1	per gal of oil, or per cu.ft. of gas)		120.000		
8	Average cost of fuel per unit, del. f.o.b. plant			BTU Per Gal	
7	Average cost of fuel per unit, del 1.0.5. plant Average cost of fuel per unit consumed			Per Gal	
	-			Per Gal	
8	Average cost of fuel consumed per million BTU			Per MMBTU	
9	Average cost of fuel consumed per kwh net gen				
)	Average BTU per kwh net generation		10.128	BTU per Kwh	

					Page 57
	Report of The City of Chicopee			Year Ended December	31, 2017
	ECTRIC ENERGY ACCOUNT				
Repor	below the information called for concerning the disposition	of electric energy genera	ited, purchased and		1 (1) (1) (1) (1) (1) (1) (1) (1) (1) (1
interch	anged for the year.			1. The second	
Line.	ltem			]	Kilowatt-hours
No.	(a)				(b)
1	SOURCES OF ENERGY				<u> </u>
2	Generation				
3	Steam				
4	Nuclear				
5	Hydro				6.605.351
6	Other	-			438,938
7	Total Generation				7,044,289
8	Purchases				388,326,686
9			( In (gross)	74,485,069	000,020,000
10	Interchanges		< Out (gross)	(4,484,786)	
11			(Net (Kwh)	(1,101,100)	70,000,283
12		, <u></u>	(Received	0	70,000,203
13	Transmission for/by others (wheeling)		< Delivered	0	
. 14			(Net (Kwh)		
	TOTAL		(net (num)		465,371,258
16	DISPOSITION OF ENERGY				400,371,230
	Sales to ultimate consumers (including interdepartmental sa	alee)			440 808 040
	Sales for resale	aico)	*		449,828,940
	Energy furnished without charge		<del></del>		
	Energy used by the company (excluding station use):				
21	Electric department only				4 475 500
	Energy losses				1,175,506
23	Transmission and conversion losses			7 006 070	
24	Distribution losses			7,926,976	
25	Unaccounted for losses			6,439,836	
26	Total energy losses				44,000,040
20	Energy losses as percent of total on line 15		0.000		14,366,812
27	chergy losses as percent of totat on line 15		3.09%		
<b>∠</b> 0				TOTAL	465,371,258

#### MONTHLY PEAKS AND OUTPUT

1. Report hereunder the information called for pertaining to simultaneous peaks as to the nature of the emergency. established monthly (in kilowatts) and monthly output (in kilowatt-hours) for the combined sources of electric energy of respondent.

2. Monthly peak col. (b) should be respondent's maximum kw load as

3. State type of monthly peak reading (instantaneous 15, 30, or 60 minutes integrated.) 4. Monthly output should be the sum of respondent's net generation and purchases plus or minus net interchange and plus or minus net transmission or wheeling. Total for the year should agree with line 15 above.

measured by the sum of its coincidental net generation and purchase plus or minus net interchange, minus temporary deliveries (not interchange) of emergency power to another system. Monthly peak including such emergency deliveries should be shown in a footnote with a brief explanation

5. If the respondent has two or more power systems not physically connected, the information called for below should be furnished for each system.

	·	Annual Report of	The City of Chicop	Dee				
		Monthly Peak						
			Day of	Day of		Type of	Monthly Output (kwh)	
Line	Month	Kilowatts	Week	Month	Hour	Reading	(See Instr. 4)	
No:	(a)	(b)	(c)	(d)	(e)	(f)	(g)	
29	January	80,190	Mon.	9	7:00 PM	Watt Meter	43,318,894	
30	February	72,524	Thur.	9	7:00 PM	Watt Meter	37,759,580	
31	March	72,466	Mon.	13	8:00 AM	Watt Meter	42,089,329	
32	April	62,243	Thur.	6	7:00 PM	Watt Meter	33,222,171	
33	Мау	80,536	Thur.	18	6:00 PM	Watt Meter	33,792,819	
34	June	93,166	Tues.	13	5:00 PM	Watt Meter	38,733,847	
35	July	90,091	Thur.	20	'4:00 PM	Watt Meter	42,386,287	
36	August	90,092	Tues.	22	5:00 PM	Watt Meter	41,751,238	
37	September	85,564	Mon.	25	5:00 PM	Watt Meter	36,681,436	
38	October	61,902	Mon.	9	7:00 PM	Watt Meter	34,073,265	
39	November	67,254	Mon.	27	7:00 PM	Watt Meter	37,129,906	
40	December	80,504	Thur.	28	6:00 PM	Watt Meter	44,432,486	
41		60	Minutes Integrated	Peak		TOTAL	465,371,258	
Page 59 Year Ended December 31, 2017

### GENERATING STATION STATISTICS (Large Stations)---Concluded (Exept Nuclear, See Instruction 10)

547 as shown on line 24.

8. The items under cost of plant and production expenses represents accounts or combinations of accounts prescribed by the Uniform System of Accounts. Production expenses, however, do not include Purchased Power, System Control and Load Dispatching, and Other Expenses classified as "Other Power Supply Expenses."

9. If any plant is equipped with combinations of steam, hydro, internal combustion engine or gas turbine equipment, each should be reported as a separate plant. However, if a gas turbine unit functions in a combined operation with a conventional steam unit, the gas turbine should be included with the steam station.

10. If the respondent operates a nuclear power generating station submit: (a) a brief explanatory statement concerning accounting for the cost of power generated including any attribution of excess costs to research and development expenses: (b) a brief explanation of the fuel accounting specifying the accounting methods and types of cost units used with respect to the various componnents of the fuel cost, and (c) such additional information as may be informative concerning the type of plant, kind of fuel used, and other physical and operating characteristics of the plant.

Plant (e)	Plant (f)	Plant (g)	Plant (h)	Plant (I)	Plant (j)	Line No.
					<u>U/</u>	1 2 3
						4 5 6 7
						8 9 10 11
						12 13 14 15
						16 17 18 19
						20 21 22 23
						24 25 26 27
						28 29 30
						31 32 33 34
						35 36 37 38
						39 40

Page 64 Year Ended December 31, 2017

# COMBUSTION ENGINE AND OTHER GENERATING STATIONS

(except nuclear stations)

 Report the information called for concerning generating stations & equipment at end of year. Show associated prime movers and generators on the same line.
 Exclude from this schedule, plant, the book cost of

which is included in Account 121, Nonutility Property.

3. Designate any generating station or portion thereof for which the respondent is not the sole owner. If such property is leased from another company, give name of lessor, date & term of lease, & annual rent. For any generating station, other than a leased station, or portion thereof, for which the respondent is not the sole owner but which the respondent operates or shares in the operation of, furnish a succinct statement explaining the arrangement and giving particulars as to such matters as percent owner-

				 Pr	RIME MOVER	RS	
Line	Name of Station	Location of Station	Diesel or Other Type Engine	Name of Maker	Year Installed	2 or 4 Cycle	Belted or Direct Connected
No.	(a)	(b)	(c)	(d)	(e)	(f)	(g)
1	Front St.	Chicopee, MA	Diesel	General Motors	1978	2	Direct
2	Chicopee Hydro	Chicopee, MA	Hydro	ESAC	1983		Direct
3.		1		· · ·			
4							
5							
6							
7						-	
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19		. ,					
20				· · · · · ·			
21							
22							
23							
24							
25							

### COMBUSTION ENGINE AND OTHER GENERATING STATIONS - Concluded (except nuclear stations)

ship by respondent, name of co-owner, basis of sharing output, expenses, or revenues, and how expenses and/or revenues are accounted for and accounts affected. Specify lessor, co-owner, or other party is an associated company.

4. Designate any generating station or portion thereof leased to another company and give name of lessee, date and term of lease and annual rent and how determined. Specify whether lessee is an associated company.5. Designate any paint or equipment owned, not oper-

ated and not leased to another company. If such plant or equipment was not operated within the past year, explain whether it has been retired in the books of account or what disposition of the plant or equipment and its book cost are contemplated.

P	rime Movers - C	on't	],		Generato	ors		Total Installed	
Rated hp. of Unit	Total Rated hp. of Station Primer Movers	Year Installed	Voltage	Phase	Frequency or d.c.	Name Plate Rating of Unit in Kilowatts	Number of Units in Station		Line
(h)	(i)	(j)	(k)	(I)	(m)	(n)	(o)	(p)	No.
3960	11,800	1978	4.16 KV	3	60 cy	2,750.	3	8,250	1
		1983	4.16 KV	3	60 cy	1,040	2	2,080	2
									3
									4
							. 1		5
						·			6.
						а. С			7
									8
	e e e e e e e e e e e e e e e e e e e								-9-
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									21
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									23
									24
									25

Page 67 Year Ended December 31, 2017

	Designa	tion	Operating	Type of	Length (F On Structures of		Number	Size of
ne lo.	From (a)	To (b)	Voltage (c)	Supportive Structure (d)	Line Designated (e)	On Structures of Another Line (f)	of Circuits (g)	Conductors and Materia (h)
	Fairmont 1638 Line at NL Structure 3079A (@ Ingha St.)			Embedded Wood Poles and Steel Poles on Foundations	0.7		1	1590 ACSS
	Piper 1904 Line at NU Structure 3078A (@ Ingha St.)	m CMLP Memorial 7P Sub	115 kV	Embedded Wood Poles and Steel Poles on Foundations	0.7		1	1590 ACS
3 4								
5 6								
7 8								
9 0								
1 2								
3 4				· ·				
5 3								
7					· .			
9								
1 2								
3						_		
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### SUBSTATIONS 4. Indicate in column (b) the functional character of each substation, designating

respondent as of the end of the year.

 Substations which serve but one industrial or street railway customer should not be listed hereunder.

1. Report below the information called for concerning substations of the

 Substations with capacities of less that 5000 kva, except those serving customers with energy for resale, may be grouped according to functional

character, but the number of such substations must be shown.

whether transmission or distribution and whether attended or unattended.
5. Show in columns (i), (j), and (k) special equipment such as rotary converters, rectifiers, condensers, etc. and auxiliary equipment for increasing capacity.
6. Designate substations or major items of equipment leased from others, jointily

owned with others, or operated otherwise than by reason of sole ownership by

the respondent. For any substation or equipment operated under lease, give

name of lessor, date and period of lesse and annual rent. For any substation or equipment operated other than by reason of sole ownership or lease, give name of co-owner or other party, explain basis of sharing expenses of other accounting between the parties, and state amounts and accounts affected in respondent's books of account. Specify in each case whether lessor, co-owner or other party is an associated company.

Year Ended December 31, 2017

						Capacity of			Conver		ratus and
e.				Voltage		Substation		No. of		cial Equip	
	Name and Location	Character of		1		in kva	Xmrs	Spare		Number	Total
Line	of Substation	Substation	Primary	Secondary	Tertiary	(In Service)	In Serv	Xmrs	Equip	of Units	Capacity
No.		(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(i)	(k)
1	Chicopee Sub #1	Gen Attended	4.16kV	13.8kV	•	9,375	1	0			
2 -											
3	Chicopee Sub 18L	Dist Unattended	115kV	13.8kV		150,000	3	0			
4											
5	Memorial 7P	Dist Unattended		13.8kV		120,000	2	0	`		
6	Chicopee Hydro	Gen Unattended	4.16kV	13.8kV		2,500	1	0			
7											
8											
9 10											
11											
12	1										
13						· · · ·					
14											
15		<b>*</b> .									
16		· · ·									
17											
18											
19											
_20											
21											
22						,					
23											
24											
25		· .									
26									•		
27											
28											
29 30											
30 31											
31 32			i	TOTALS		004 075	-				· -
<u>3</u> 2				IUTALS		281,875	7	0			

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Pages 69 Year Ended December 31, 2017

# Annual Report of The City of Chicopee

	OVERNEP	U DISTRIBU	TION LINES OP	ERATED	
Line		••••		Length (Pole Mile	s)
No.			Wood Poles	Steel Towers	Total
1 Miles	Beginning of Year		218.16	0.00	218.16
2 Added	During Year		1.23		1.23
3 Retired	During Year		0.62		0.62
4 Miles	End of Year		218.77	0.00	218.77
5					
6.					
7					
	ition System Characteristics - AC	or DC, Phase, c	ycles and operating	voltages for Light	and Power
9					
10	•		:		
11					
12					
13	• •				
14					
15					
EL	ECTRIC DISTRIBUTION S	ERVICES, M	ETERS AND LIN		
				Line Tra	ansformers
	· · · · ·	Electric			
Line		Services	Number of Watt-	Number	Total Capacity
No.	Item	40.007	Hour Meters	0.000	(kva)
	r at beginning of year:	16,297	26,376	2,996	296,131.0
17 Addition 18 Purch	ns during year	20 ********	000		4 007 5
19 Instali			969	40	4,987.5
	iated with utility plant acquired	, O		_	
20 ASSOC	Total Additions	20	969	0 40	0.0
	ons during year:	20	303		4,987.5
	ements	12	955	48	1,424.0
	ciated with utility plant sold	12	300	-0 0	0.0
25	Total Reductions	12	955	48	1,424.0
	ber at end of year	16,305	26,390	2,988	299,694.5
27 In stock		.0,000	712	2,000	200,00+.0
	meters on customers' premises		389		
	transformers on system				
	mers' use		25,271		
	any's use		18	2,988	299,694.5
	per at end of year		26,390	2,988	299,694.5

Year Ended December 31, 2017

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Report below the information called for concerning conduit, underground cable, and submarine cable at and of year.           Main         Miles of Conduit Bank         Underground Cable         Submarine Cable           Une         Designation of Underground System         (a) Sizes and Types)         (b) (c) (d) (e)         Operating Voltage           1         1         Conduit Bank         50.800         (c) (d) (e)         (f)           2         Conduit Bank         15.268         (c) (d) (e)         (f)           4         4         Conduit Bank         9.115         (c) (d) (e)         (f)           5         5         Conduit Bank         9.116         (f)         (f)         (f)           5         5         Conduit Bank         9.116         (f)         (f)         (f)           6         6         Conduit Bank         0.316         (f)         (f)         (f)           7         Conduit Bank         0.019         (f)         (f)         (f)         (f)           10         Conduit Bank         0.293         (f)         (f)         (f)         (f)           11         10 Conduit Bank         0.216         (f)         (f)         (f)         (f)           11<	R	CONDUIT, UNDERGROUND C	ABLE AND SI			stributio	on System)
Line         Designation of Underground System         Types)         Miles*         PRIMARY         Feet*         SECONDARY           1         1 Conduit Bank         50.300         (d)         (d)         (e)         (f)           2         2 Conduit Bank         15.268         (d)         (e)         (f)           3         3 Conduit Bank         4.178         9.116         (f)         (f)         (f)           4         4 Conduit Bank         9.116         (f)         (f)         (f)         (f)         (f)           5         5 Conduit Bank         9.116         (f)         (f)         (f)         (f)         (f)           6         6 Conduit Bank         9.116         (f)         (f)         (f)         (f)         (f)           7         7 Conduit Bank         0.316         (f)         (f)         (f)         (f)           10         10 Conduit Bank         0.293         (f)         (f)         (f)         (f)           12         Conduit Bank         0.293         (f)         (f)         (f)         (f)           12         Conduit Bank         0.112         (f)         (f)         (f)         (f)			Miles of				
1       1		-	Types)		PRIMARY		
2     2 Conduit Bank     15.268       3     3 Conduit Bank     4.178       4     4 Conduit Bank     9.115       5     5 Conduit Bank     0.316       6     6 Conduit Bank     7.996       7     7 Conduit Bank     0.019       8     8 Conduit Bank     0.293       10     10 Conduit Bank     0.293       11     11 Conduit Bank     0.293       12     20 Conduit Bank     0.016       15     16 Conduit Bank     0.112       16     16 Conduit Bank     0.734       7     20 Conduit Bank     0.800       20 Conduit Bank     0.734       7     Total Manholes: Previous Total     861       21     Adjustment in 2017     7       7     Total Manholes     868       23     30     30       34     3     30       34     3     30				(C)	(d)	(e)	(f)
3       3 Conduit Bank       4.178         4       4 Conduit Bank       9.115         5       5 Conduit Bank       0.316         6       6 Conduit Bank       7996         7       7 Conduit Bank       0.019         8       8 Conduit Bank       0.293         10       10 Conduit Bank       0.293         12       12 Conduit Bank       0.293         13       13 Conduit Bank       0.112         16       6 Conduit Bank       0.112         17       13 Conduit Bank       0.112         18       16 Conduit Bank       0.112         19       20 Conduit Bank       0.112         10 Conduit Bank       0.112         16 Conduit Bank       0.112         17       16 Conduit Bank       0.734         18       0         20       Conduit Bank       0.734         17       7       7         18       7       7         20       Manholes: Previous Total       861         21       Adjustment in 2017       7         23       7       7         33       7       7         34       7 <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>							
4       4 Conduit Bank       9.115         5       5 Conduit Bank       0.316         6       6 Conduit Bank       0.019         8       8 Conduit Bank       1.447         9       9 Conduit Bank       0.236         10       10 Conduit Bank       0.770         11       11 Conduit Bank       0.770         12       10 Conduit Bank       0.293         12       20 Conduit Bank       0.016         15       16 Conduit Bank       0.116         16       15 Conduit Bank       0.112         18       0.016       20 Conduit Bank       0.734         19       Manholes: Previous Total       861         20       Manholes: Previous Total       861         21       Adjustment in 2017       7         22       Total Manholes       863         23       3       3       3         34       3       4       4         34       4       4       4         34       4       4       4         34       4       4       4         34       4       4       4         36       4       4							
5       5 Conduit Bank       0.316         6       6 Conduit Bank       7.996         7       7 Conduit Bank       1.447         9       9 Conduit Bank       6.236         10 Conduit Bank       0.293         12 Conduit Bank       0.293         13 Conduit Bank       0.293         14 15 Conduit Bank       0.016         15 16 Conduit Bank       0.112         16 Conduit Bank       0.121         16 Conduit Bank       0.121         17 Conduit Bank       0.121         18 Conduit Bank       0.121         16 Conduit Bank       0.800         16 Conduit Bank       0.800         17       16 Conduit Bank       0.800         16 20 Conduit Bank       0.734         17       17         18       Adjustment in 2017       7         20       Manholes: Previous Total       861         21       12       14         22       33       14         23       14       14         24       14       14         25       14       14         26       14       14         27       14       14 </td <td></td> <td></td> <td></td> <td></td> <td></td> <td>-</td> <td></td>						-	
6       6 Conduit Bank       7.996         7       7 Conduit Bank       0.019         8       8 Conduit Bank       1.447         9       9 Conduit Bank       0.770         11       11 Conduit Bank       0.770         13       13 Conduit Bank       0.016         14       15 Conduit Bank       0.016         15       16 Conduit Bank       0.112         16       16 Conduit Bank       0.734         7       7       7         73       7 Conduit Bank       0.800         12       20 Conduit Bank       0.734         7       7       7         73       7       7         73       7       7         73       7       7         74       7       7         75       7       7         76       7       7         73       7       7         74       7       7         75       7       7         76       7       7         78       7       7         78       7       7         78       7       7	5						
7       7 Conduit Bank       0.019         8       8 Conduit Bank       1.447         9       9 Conduit Bank       0.293         11       10 Conduit Bank       0.293         12       12 Conduit Bank       0.293         13       13 Conduit Bank       0.016         14       15 Conduit Bank       0.112         15       16 Conduit Bank       0.112         16       16 Conduit Bank       0.734         77       7       7         18       7       7         90       Manholes: Previous Total       861         17       7       7         77       7       7         77       7       7         78       868       7         79       7       7         71       7       7         72       7       7         73       7       7         74       7       7         73       7       7         74       7       7         75       7       7         76       7       7         76       7       7      <	6	6 Conduit Bank					
8       8 Conduit Bank       1447         9       9 Conduit Bank       6.236         10       10 Conduit Bank       0.770         11       11 Conduit Bank       0.293         12       12 Conduit Bank       0.016         13       13 Conduit Bank       0.016         14       15 Conduit Bank       0.112         15       16 Conduit Bank       0.800         20 Conduit Bank       0.734         77       7         78       7         79       7         70       7         73       7         74       70al Manholes         75       868         76       7         77       7         78       7         79       7         71       7         72       7         73       7         74       70al Manholes         75       7         76       7         77       7         78       7         79       7         71       7         72       7         73       7 <td>7</td> <td>7 Conduit Bank</td> <td></td> <td></td> <td></td> <td></td> <td></td>	7	7 Conduit Bank					
10       10 Conduit Bank       0.770         11       11 Conduit Bank       0.293         12       12 Conduit Bank       4297         13       13 Conduit Bank       0.016         14       15 Conduit Bank       0.112         15       16 Conduit Bank       0.800         20       Conduit Bank       0.734         7       7       7         8       7       7         9       Manholes: Previous Total       861         11       7       7         7       7       7         7       7       7         7       7       7         7       7       7         7       7       7         7       7       7         7       7       7         7       7       7         7       7       7         78       7       7         79       7       7         73       7       7         73       7       7         73       7       7         74       7       7         75       7 <td< td=""><td></td><td>8 Conduit Bank</td><td></td><td></td><td></td><td></td><td></td></td<>		8 Conduit Bank					
11     11 Conduit Bank     0.293       12     12 Conduit Bank     0.016       15     Conduit Bank     0.112       16     Conduit Bank     0.800       17     16     Conduit Bank       18     0.734       19     Manholes: Previous Total     861       20     Manholes: Previous Total     861       21     Adjustment in 2017     7       23     7     7       24     Total Manholes     868       25     7       26     7       27     7       28     7       30     7       31     7       32     7       33     7       34     7       41     7       42     7			6.236				
12     12 Conduit Bank     4.297       13     Conduit Bank     0.016       15     Conduit Bank     0.800       20     Conduit Bank     0.734       17			0.770				
13     13 Conduit Bank     0.016       14     15 Conduit Bank     0.112       16     Conduit Bank     0.800       20     Conduit Bank     0.734       19     Manholes: Previous Total     861       21     Adjustment in 2017     7       23     Total Manholes     868       25     7       26     868       27     8       29     30       31     31       32     33       34     35       36     4       37     38       39     4       41     4							ļ
14     15 Conduit Bank     0.112       16 Conduit Bank     0.800       20 Conduit Bank     0.734       17     0.734       18     0.734       19     Manholes: Previous Total     861       20     Adjustment in 2017     7       23     Total Manholes     868       26	F 1						
15       16 Conduit Bank       0.800         20 Conduit Bank       0.734         17       0.734         18       0.734         19       Manholes: Previous Total       861         21       Adjustment in 2017       7         23       Total Manholes       868         26       7       7         27       7       7         28       7       7         30       7       7         31       7       7         32       7       7         33       7       7         34       7       7         38       7       7         39       7       7         31       7       7         32       7       7         33       7       7         34       7       7         38       7       7         39       7       7         31       7       7         32       7       7         33       7       7         34       7       7         35       7       7 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>							
16     20 Conduit Bank     0.734       17     0.734       19     Manholes: Previous Total     861       20     Adjustment in 2017     7       23     Total Manholes     868       25     7       28     9       29     9       30     1       31     1       32     1       33     1       36     1       37     1       38     1       39     1       41     1       42     1	r 1						
17     18       19     Manholes: Previous Total     861       20     Adjustment in 2017     7       23     Total Manholes     868       26     77     7       28     868       29     30       30     31       32     8       33     4       44     4       43     4					·		
18         19         Manholes: Previous Total       861         21       Adjustment in 2017       7         23       Total Manholes       868         26			0.734		-		
19       Manholes: Previous Total       861         21       Adjustment in 2017       7         23       Total Manholes       868         26							
21       Adjustment in 2017       7         23       Total Manholes       868         25       7         26       7         27       7         28       9         30       1         31       1         32       1         33       1         34       1         35       1         36       1         37       1         38       1         39       1         40       1         41       1         42       1         43       1			1				
22       Adjustment in 2017       7         23       Total Manholes       868         26	20	Manholes: Previous Total 861					
23       Total Manholes       868         26							· · ·
24       Total Manholes       868         25		Adjustment in 2017 7				-	
25       26       27       28       29       30       31       32       33       34       35       36       37       38       39       40       41       42						1	
26         27         28         29         30         31         32         33         34         35         36         37         38         39         40         41         42         43		Total Manholes 868					
27         28         29         30         31         32         33         34         35         36         37         38         39         40         41         42         43							
28         29         30         31         32         33         34         35         36         37         38         39         40         41         42         43							
29         30         31         32         33         34         35         36         37         38         39         40         41         42         43							
30         31         32         33         34         35         36         37         38         39         40         41         42         43							
31         32         33         34         35         36         37         38         39         40         41         42         43							
33         34         35         36         37         38         39         40         41         42         43	- F						
34         35         36         37         38         39         40         41         42         43			1				
35         36         37         38         39         40         41         42         43							
36         37         38         39         40         41         42         43							
37         38         39         40         41         42         43							
38         39         40         41         42         43							
39       40       41       42       43							
40 41 42 43							
41 42 43							
42 43							
43							
44 TOTALS 101.897					r.		
	44	TOTALS	101.897				

Page 70-2 Year Ended December 31, 2017

# CONDUIT, UNDERGROUND CABLE AND SUBMARINE CABLE - (Distribution System)

Report below the information called for concerning conduit, underground cable, and submarine cable at end of year.

		Miles of Conduit Bank	Undergr	ound Cable	Underg	ound Cable
	Designation of Underground Distribution System	(All sizes		Op. Voltage		Op. Voltage
Line		and types)	Miles*	PRIMARY	Miles*	SECONDARY
No.	(a)	(b)	(C)	(d)	(e)	. ( <b>f</b> )
1	800 MCM 1/C Cable	NOTE 3	0.284	NOTE 1		NOTE 2
2	750 MCM 1/C Cable		0.068	4.16 kV		
3	750 MCM 1/C Cable		3.040			
<sup>′</sup> 4	500 MCM 3/C Cable		1.731	1		
5	500 MCM 1/C Cable		37.786		11.137	
6	350 MCM 4/C Cable				1.250	
7	350 MCM 3/C Cable		2.927		0.659	
8	350 MCM 1/C Cable		12.579		12.096	
9	4/0 3/C Cable		0.147	i i	3.852	
10	4/0 1/C Cable		21.439		36.096	
11	1/0 3/C Cable				5.710	
12	1/0 1/C Cable		6.520		30.423	
13	2 1/C Cable		101.990		25.126	
14	4 1/C Cable		1.358		14.060	
15	6 1/C Cable		5.032		52.443	
16	8 1/C Cable				0.347	•
17	14 1/C & 12 2/C Cable				2.854	
18	4/0, 1/0, 2, 4, 6, 8 Bare				54.651	
19	#4/0 1/C Street Light Cable		[		0.263	
20	#2/0 1/C Street Light Cable				0.120	
21	#1/0 1/C Street Light Cable		·		2.196	
22	#2 1/C Street Light Cable				2.157	
23	#4 1/C Street Light Cable				14.196	
24	#6 2/C Street Light Cable				0.496	
25	#6 1/C Street Light Cable				1.081	
26	#8 1/C Street Light Cable				6.552	
27	#10 1/C Street Light Cable				1.121	
28	#12 1/C Street Light Cable				6.444	
29	·					
30	NOTE 1 - Unless otherwise noted - 4.8 kV or 13.8	kV		·		
31	NOTE 2 - Unless otherwise noted - 600V or less					
32	NOTE 3 - See Page 70 for Conduit information					
33						
34	TOTALS		194.901		285.330	

\* Indicate number of conductors per cable.

Page 71 Year Ended December 31, 2017

	Rated	Actual		<u> </u>		,	т۷	PES			
	Lamp	Line		Incand	escent	LE			ure Sodium	Metal	Halide
Line	Wattage	Wattage	Lumens	Municipal	Security	Municipal	Security	Municipal	Security	Municipal	Security
No.	(Watts)	(Watts)	EA	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)
1		Incandescen					<u>, , , , , , , , , , , , , , , , , </u>				
2	67	67	635	. O	· 0						
3	115	115	1270	0	. <b>O</b> . E						•
4	150	150	1730	Ó,	0						
5 [		LED									
6	48	48	5571			1,851					
7	49	49	4865			1,318	27				
8	58	58	2664			204	0	Į.			
9	116	116	4188			2	0			-	
10	129	129	13754			585					
11	140	140	12852			73					
12	143	143	13891			543	12	1			:
13	177	177	18277			40					
14	215	215	18570			138	110	L			
15		Pressure So			·		· •			н. — <sup>1</sup>	
16	100	130	8550					0	378		
17	150	190	13500					12	0		
18	250	295	24750					0	533		
19	400	465	44000					32	159		
20		Metal Halide								•	
21	100 050	125	6500							2	0
22	250	294	14000			· ·				0	98
23 24	320 400	366 465	20500			-				8	- 85
24 25	400 1000	465 1090	22500			-	1			2	61
25	1000	1090	82000	I		•		·		2	16
20							- · · · ·				
28											
29											
30											
31											· .
37											
38	Tota	al Municipal &	& Security I :	amps =		6,1	81				
39		Fotal Line Wa	-	-		778,					
40		l Municipal 8				68,56					
41						,	,				
42											
43											
44								· ·			
45											
46											
47		· [									
48		TOTALS		0	0	4,754	39	44	1,070	14	260

Annual Report of T	he City of Chicopee	·	Year Ended Dec	ember 31, 2017
	RA	TE SCHEDULE INFORMATION		
2.	Show below the changes	pies of all Filed Rates for General Consu s in rate schedules during year and the venues predicted on the previous year's	estimated increas	e
Effective Date	M.D.P.U. Number	Rate Schedule	Estir Effe	nated ct on Revenues
			Increases	Decreases
		SEE ATTACHED		
			· ·	
	<i>t</i>			
				. · · ·
				• •
				·
			1	

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Year Ended December 31, 2017

Annual Report of The City of Chicopee



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		12
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		57
		37
		39-42
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		66
		62-63
k		51
		12
		56
		14
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		21
		57
		22
		21
		50
		69
		18
		22
		54-55
		79
		22
		52-53
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	Page 75 78	Page 75 Purifieers Record of Sendout for the Year in MCF 78 Sales for Resale 74 Sales of Gas to Ultimate Customers 43 Sales of Residuals 45-47 Scrubbers, Condensers & Exhausters 76 Transmission and Distribution Mains

PAGES INTENTIONALLY OMITTED : 9, 13, 23 TO 36, 80

### EXTRACTS FROM CHAPTER 164 OF THE GENERAL LAWS AS AMENDED

SECTION 56. The Mayor of a city, or the selectmen or municipal light board, if any, of a town acquiring a gas or electric paint shall appoint a manager of municipal lighting who shall, under the direction and control of the mayor, selectmen or municipal light board, if any, and subject to this chapter, have full charge of the operation and management of the plant, the manufacture and distribution of gas or electricity, the purchase of supplies, the employment of agents and servants, the method, time, price, quantity and quality of the supply, the collection of bills, and the keeping of accounts, His compensation and term of office shall be fixed in cities by the city council and in towns by the selectmen or municipal light board, if any: and, before entering upon the performance of his official duties, he shall give bond to the city or town for the faithful performance threef in a sum and form and with surcties to the satisfaction of the mayor, selectmen or municipal light board, if any, and shall at the end of each municipal year, render to them such detailed statement of his doings and of the business and financial matters in his charge as the department may prescribe. All moneys payable to or received by the city, town, manager or municipal light board in connection with the operation of the plant, for the sale of gas or electricity or otherwise, shall be paid to the city or town treasurer. All accounts rendered to or kept in the gas or electric plant of any city shall be subject to the inspection of the city auditor or officer having similar duties, and in towns they shall be subject to the inspection of the selectmen. The auditor or officer having similar duties, or the selectmen, may require any person presenting for settlement an account or claim against such plant to make oath before him or them, in such form as he or they may prescribe, as to the accuracy of such account or claim. The willful making of a false oath shalbe punishable as perjury. The auditor or officer having similar duties in cities, and the selectmen in towns, shall approve the payment of all bills or payrolls of such plants before they are paid by the treasurer, and may disallow and refuse to approve for payment, in whole or in part, any claim as fraudulent, unlawful or excessive; and in that case the auditor or officer having duties, or the selectmen, shall file with the city or town treasurer a written statement of the reasons for the refusal; and the treasurer shall not pay any claim or bill so disallowed. This section shall not abridge the powers conferred on town accountants by sections fiftyfive to sixty-one, inclusive, of chapter forty-one. The manager shall at any time, when required by the mayor, selectmen, municipal light board, if any, or department, make a statement to such officers of his doings, business, receipts, disbursements, balances, and of the indebtedness of the town in his department.

SECTION 57. At the beginning of each fiscal year, the manager of municipal lighting shall furnish to the mayor, selectmen or municipal light board, if any, an estimate of the income from sales of gas and electricity to private consumers during the ensuing fiscal year, and of the expense of the plant during said year, meaning the gross expenses of operation, maintenance and repair, the interest on the bonds, notes or certificates of indebtedness issued to pay for the plant, an amount for depreciation equal to three percent of the cost of the plant exclusive of land and any water power appurtenant thereto, or such smaller or larger amount as the department may approve, the requirements of the sinking fund or debt incurred for the plant, and the loss, if any, in the operation of the plant during the preceding year, and of the costs, as defined in Section 58, of the gas and electricity to be used by the town. The town shall include in its annual appropriations and in the tax levy not less than the estimated cost of the gas and electricity to be used by the town as above defined and estimated. By cost of the plant is intended the total amount expended on the plant to the beginning of the fiscal year for the purpose of establishing, purchasing, extending or entarging the same. By loss in operation is intended the difference between the actual income from private consumers plus the appropriations for maintenance for the preceding fiscal year and the actual expense of the plant, reckoned as above, for that year in case such expenses exceeded the amount of such income and appropriation. The income from sales and the money appropriated as aforesaid shall be used to pay the annual expense of the plant, defined as above, for the fiscal year, except that no part of the sum therein included for depreciation shall be used for any other purpose than renewals in excess of ordinary repairs, extensions, reconstructions, enlargements and additions. The surplus, if any, of said annual allowances for depreciation after making the above payments shall be kept as a separate fund and used for renewals other than ordinary repairs, extensions, reconstructions, enlargements and additions in succeeding years; and no debt shall be incurred under section forty for any extension, reconstruction or enlargements of the plant in excess of the amount needed therefor in addition to the amount then on hand in said depreciation fund. Said depreciation fund shall be kept and managed by the town treasurer as a separate fund, subject to appropriation by the city council or selectmen or municipal light board, if any, for the foregoing purpose. So much of said fund as the department may from time to time approve may also be used to pay notes, bonds or certificates of indebtedness issued to pay for the cost of reconstruction or renewals in excess of ordinary repairs, when such notes, bonds or certificates of indebtedness become due. All appropriations for the plant shall be either for the annual expense defined as above, or for extensions, reconstruction, enlargements or additions; and no appropriation shall be used for any purpose other than that stated in the vote making the same. No bonds, notes or certificates of indebtedness shall be issued by a town for the annual expenses as defined in this section.

SECTION 63. A town manufacturing or selling gas or electricity for lighting shall keep records of its work and doings at its manufacturing station, and in respect to its distributing plant, as may be required by the department. It shall install and maintain apparatus, satisfactory to the department, for the measurement and recording of the output of gas and electricity, and shall sell the same by meter to private consumers when required by the department, and, if required by it, shall measure all gas or electricity consumed by the town. The books, accounts and return shall be made and kept in a form prescribed by the department, and the accounts shall be closed annually on the last day of the fiscal year of such town, and a balance sheet of the date shall be taken therefrom and included in the return to the department. The mayor, selectmen or municipal light board and manager shall, at any time, on request, submit said books and accounts to the inspection of the department and furnish any statement or information required by it relative to the condition, management and operation of said business. The department shall, in its annual report, describe the operation of the several municipal plants with such detail as may be necessary to disclose the financial condition and results of each plant; and shall state what towns, if any, operating a plant have failed to comply with this chapter, and what towns, if any, are selling gas or electricity with the approval of the department at less than cost. The mayor, or selectmen, or municipal light board, if any, shall annually, on or before such date as the department fixes, make a return to the department, for the preceding fiscal year, signed and sworn to by the mayor, or by a majority of the selectmen or municipal light board, if any, and by the manager, stating the financial condition of said business, the amount of authorized and existing indebtedness, a statement of income and expenses in such detail as the department may require, and a list of its salaried officers and the salary paid to each. The mayor, the selectmen or the municipal light board may direct any additional returns to be made at such time and in such detail as he or they may order. Any officer of a town manufacturing or selling gas or electricity for lighting who, being required by this section to make an annual return to the department, neglects to make such annual return shall, for the first fifteen days or portion thereof during which such neglect continues, forfeit five dollars a day; for the second fifteen days or any portion thereof, ten dollars a day; and for each day thereafter not more than fifteen dollars a day. Any such officer who unreasonably refuses or neglects to make such return shall, in addition thereto, forfeit not more than five hundred dollars. If a return is defective or appears to be erroneous, the department shall notify the officer to amend it within fifteen days. Any such officer who neglects to amend said return within the time specified, when notified to do so, shall forfeit fifteen dollars for each day during which such neglect continues. All forfeitures incurred under this section may be recovered by an information in equity brought in the supreme judicial court by the attorney general, at the relation of the department, and when so recovered shalbe paid to the commonwealth.

SECTION 69. The supreme judicial court for the county where the town is situated shall have jurisdiction on petition of the department or of twenty taxable inhabitants of the town to compel the fixing of prices by the town in compliance with sections fifty-seven and fifty-eight, to prevent any town from purchasing, operating or selling a gas or electric plant in violation of any provisions of this chapter, and generally to enforce compliance with the terms and provisions thereof relative to the manufacture or distribution of gas or electricity by a town.

M.D.P.U. No. 95 Cancels M.D.P.U. No. 87 Effective Billing: May 1, 2017

## CITY OF CHICOPEE, MASSACHUSETTS Municipal Lighting Plant

### Industrial Service

	-			
Designation	IS			
Available	In Chicopee, Mass	achusetts		
Applicable	To any manufactu for all purposes.	ring customer having	a consistent demand of 1	000 kW or more
Character of Service	AC; 60 cycles; thre	e phase. Voltage as	available.	÷
Rate	<u>Delivery Services</u>	Customer Charge Energy Charge Energy Charge Energy Charge Energy Charge Demand Charges	Distribution On-Peak Distribution Off-Peak Transmission On-Pk Transmission Off-Pk Distribution	\$135.00/Month 1.54¢ / kWh 1.36¢ / kWh 0.9¢ / kWh 0.9¢ / kWh \$2.15 / kVA
			Transmission	<b>\$4.37 / k</b> VA
	Supply Services	Generation Charge ( Generation Charge ( Purchase Power Adj	Off-Peak	7.30¢ / kWh 5.65¢ / kWh per kWh
Purchase Power Adjustment	There shall be an purchased power a at the time of billing	s provided in the "Purc	r all kWh's consumed du chased Power Adjustment	e to the cost of Clause" in effect
Primary Service Discount	A discount of 4% of equipment and taki	the monthly bill will be ng energy with a dem	e allowed for customer ow and of 100 kW or more.	ning high voltage
Determination of Billing Demand	The billing demand month.	shall be the highest r	metered 30-minute kW de	mand during the
Payment	Thereafter, 1.5% p	rendered. Payment n ber month interest w Sec. 94D of C. 164 M	nust be made within twent ill be added to unpaid b IGL.	y-five (25) days. valance. Public
General Terms and Conditions	Service hereunder incorporated as a p	is subject to the Ge art of this rate schedu	eneral Terms and Condl le.	tions which are
Filed	April 14, 2017		. · · · · · · · · · · · · · · · · · · ·	
CITY OF CHICOPEE MUNICIPAL LIGHTING PLANT 725 Front Street Chicopee, Massachusetts 01020 (413) 598-8311				

(413) 598-8311 http://www.ceid.com

M.D.P.U. No. 96 Cancels M.D.P.U No. 88 Effective Billing: May 1, 2017

# CITY OF CHICOPEE, MASSACHUSETTS Municipal Lighting Plant

# Large General Service

Designation	LGS			
Available	In Chicopee, Massachusetts			
Applicable	To any commercia all purposes.	l customer having a c	onsistent demand of	300 kW or more for
Character of Service	AC; 60 cycles; thre	e phase. Voltage as	available.	,
Rate	<u>Delivery Services</u>	Customer Charge Energy Charge Energy Charge Demand Charges	Distribution Transmission Distribution	\$135.00/Month 1.54¢ / kWh 0.9¢ / kWh \$2.15 / kVA
	Supply Services	Generation Charge Purchase Power Adj	Transmission justment	\$4.37 / kVA 7.30¢ / kWh per kWh
Purchase Power Adjustment	There shall be an adjustment in rate for all kWh's consumed due to the cost of purchased power as provided in the "Purchased Power Adjustment Clause" in effect at the time of billing.			
Primary Service Discount	A discount of 4% of the monthly bill will be allowed for customer owning high voltage equipment and taking energy with a demand of 100 kW or more.			
Determination of Billing Demand	The billing demand month.	shall be the highest m	netered 30-minute kW	demand during the
Payment	Bills are due when rendered. Payment must be made within twenty-five (25) days. Thereafter, 1.5% per month interest will be added to unpaid balance. Public accounts subject to Sec. 94D of C. 164 MGL.			
General Terms and Conditions		is subject to the Ge art of this rate schedu	neral Terms and Co ile.	nditions which are
Filed	April 14, 2017	·		
CITY OF CHICOPEE MUNICIPAL LIGHTING PLANT 725 Front Street Chicopee, Massachusetts 01020				
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M.D.P.U. No. 97 Cancels M.D.P.U No. 89 Effective Billing: May 1, 2017

### CITY OF CHICOPEE, MASSACHUSETTS Municipal Lighting Plant

# Large General Service - Off Peak Heating and Water Heating Service

Designation	LGSO		
Available	In Chicopee, Massachusetts		
Applicable	To any commercial customer having a water heater of a type approved by the Plant for off peak storage water heating and during the hours specified by the Plant. Where the customer also has all-electric heating, this rate schedule applies to the entire electric consumption of such customer during the specified off peak hours.		
Character of Service	AC; 60 cycles; phase and voltage as available.		
Ratə	Delivery Services	Customer Charge Distribution Charge Transmission Charge Generation Charge Purchase Power Adjustment	\$4.00 / Month 1.36¢ / kWh 0.9¢ / kWh 6.30¢ / kWh per kWh
Minimum Bill	\$4.00 / Month.		
Purchase Power Adjustment	There shall be an adjustment in rate for all kWh's consumed due to the cost of purchased power as provided in the "Purchased Power Adjustment Clause" in effect at the time of billing.		
Payment	Bills are due when rendered. Payment must be made within twenty-five (25) days. Thereafter, 1.5% per month interest will be added to unpaid balance. Public accounts subject to Sec. 94D of C. 164 MGL.		
General Terms and Conditions	Service hereunder is subject to the General Terms and Conditions which are incorporated as a part of this rate schedule.		
Filed	April 14, 2017		

CITY OF CHICOPEE MUNICIPAL LIGHTING PLANT 725 Front Street Chicopee, Massachusetts 01020

(413) 598-8311

M.D.P.U. No. 98 Cancels M.D.P.U. No. 90 Effective Billing: May 1, 2017

### CITY OF CHICOPEE, MASSACHUSETTS Municipal Lighting Plant

### Small General Service

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Designation	SGS		
Available	In Chicopee, Massachusetts		
Applicable	To any commercial customer having a consistent demand less than 300 kW for all purposes.		
Character of Service	AC; 60 cycles; phase and voltage as available.		
Rate	Delivery Services	Customer Charge Distribution Charge	\$10.00 / Month 3.470¢ / kWh
	Supply Services	Transmission Charge Generation Charge Purchase Power Adjustment	2.308¢ / kWh 7.30¢ / kWh per kWh
Minimum Bill	For customers having a load consisting of lighting and motors up to 1/2 horsepower, the minimum bill shall be \$10.00. For customers with motors aggregating more than 1/2 horsepower, the minimum bill shall be \$10.00 plus \$1.00 per kVA for transformer capacity installed.		
Purchase Power Adjustment	There shall be an adjustment in rate for all kWh's consumed due to the cost of purchased power as provided in the "Purchased Power Adjustment Clause" in effect at the time of billing.		
Primary Service Discount	A discount of 4% of the monthly bill will be allowed for customer owning high voltage equipment and taking energy with a demand of 100 kW or more.		
Payment	Bills are due when rendered. Payment must be made within twenty-five (25) days. Thereafter, 1.5% per month interest will be added to unpaid balance. Public accounts subject to Sec. 94D of C. 164 MGL.		
General Terms and Conditions	Service hereunder is subject to the General Terms and Conditions which are incorporated as a part of this rate schedule.		
Filed	April 14, 2017		
CITY OF CHICOPEE N 725 Front Street	IUNICIPAL LIGHTING F	PLANT	

Chicopee, Massachusetts 01020

(413) 598-8311

M.D.P.U. No. 99 Cancels M.D.P.U. No. 91 Effective Billing: May 1, 2017

### CITY OF CHICOPEE, MASSACHUSETTS Municipal Lighting Plant

# Small General Service - Off Peak Heating and Water Heating Service

Designation	SGSO		
Available	In Chicopee, Massachusetts		
Applicable	To any commercial customer having a water heater of a type approved by the Plant for off peak storage water heating and during the hours specified by the Plant. Where the customer also has all-electric heating, this rate schedule applies to the entire electric consumption of such customer during the specified off peak hours.		
Character of Service	AC; 60 cycles; phase and voltage as available.		
Rate	Delivery Services	Customer Charge Distribution Charge	\$4.00 / Month 1,93¢ / kWh
	Supply Services	Transmission Charge Generation Charge Purchase Power Adjustment	1.354¢ / kWh 7.00¢ / kWh per kWh
Minimum Bill	\$4.00 / Month.		
Purchase Power Adjustment	There shall be an adjustment in rate for all kWh's consumed due to the cost of purchased power as provided in the "Purchased Power Adjustment Clause" in effect at the time of billing.		
Payment	Bills are due when rendered. Payment must be made within twenty-five (25) days. Thereafter, 1.5% per month interest will be added to unpaid balance. Public accounts subject to Sec. 94D of C. 164 MGL.		
General Terms and Conditions	Service hereunder is incorporated as a part	subject to the General Terms and 0 tof this rate schedule.	Conditions which are
Filed	April 14, 2017		

CITY OF CHICOPEE MUNICIPAL LIGHTING PLANT 725 Front Street Chicopee, Massachusetts 01020

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M.D.P.U. No. 100 Cancels M.D.P.U No. 92 Èffective Billing: May 1, 2017

### CITY OF CHICOPEE, MASSACHUSETTS Municipal Lighting Plant

### **Residential Service**

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Designation	R		
Available	In Chicopee, Massachusetts		
Applicable	To residential customers for all domestic uses in individual residences or apartments.		
Character of Service	AC; 60 cycles; single phase; voltage as available.		
Rate	<u>Delivery Services</u> Supply Services	Customer Charge Distribution Charge Transmission Charge Generation Charge Purchase Power Adjustment Hydro Credit	\$5.60 / Month 2.97¢ / kWh 2.308¢ / kWh 7.30¢ / kWh per kWh per kWh
Minimum Bill	\$5.60 / Month.	·	
Purchase Power Adjustment	There shall be an adjustment in rate for all kWh's consumed due to the cost of purchased power as provided in the "Purchased Power Adjustment Clause" in effect at the time of billing.		
Hydro Credit	Hydro Credit savings are passed on to all residential customers as a benefit from the Niagara Hydro Project. Hydro Credit applied to all kWh's.		
Payment	Bills are due when rendered.		
General Terms and Conditions	Service hereunder is subject to the General Terms and Conditions which are incorporated as a part of this rate schedule.		
Filed	April 14, 2017		

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M.D.P.U. No. 101 Cancels M.D.P.U No. 93 Effective Billing: May 1, 2017

### CITY OF CHICOPEE, MASSACHUSETTS Municipal Lighting Plant

# Residential Off Peak Heating and Water Heating Service

Designation	RO		
Available	In Chicopee, Massachusetts		
Applicable	To any residential customer having a water heater of a type approved by the Plant for off peak storage water heating and during the hours specified by the Plant. Where the customer also has all electric heating, this rate schedule applies to the entire electric consumption of such customer during the specified off peak hours.		
Character of Service	AC; 60 cycles; single p	hase, or three phase; voltage as available	
Rate	Delivery Services	Customer Charge Distribution Charge Transmission Charge Generation Charge Purchase Power Adjustment	\$2.00 / Month 1.82¢ / kWh 1.473¢ / kWh 7.00¢ / kWh per kWh
		Hydro Credit	per kWh
Minimum Bill	\$2.00 / Month.	· · · · · · · · · · · · · · · · · · ·	
Purchase Power Adjustment	There shall be an adjustment in rate for all kWh's consumed due to the cost of purchased power as provided in the "Purchased Power Adjustment Clause" in effect at the time of billing.		
Hydro Credit	Hydro Credit savings are passed on to all residential customers as a benefit from the Niagara Hydro Project. Hydro Credit applied to all kWh's.		
Service Conditions	All water heaters and incidental apparatus should be of a type and size which meet the approval of the Plant as specified in the General Terms and Conditions. The installation of water heaters shall be arranged so that only the upper element can operate during the on peak hours and only the lower element can operate during the designated off peak hours. Energy used by the lower element during the designated off peak hours shall be metered separately and billed hereunder. For all electric heating customers, the rate schedule shall be applicable to the total energy consumption during the designated off peak hours. Off peak energy consumption shall be metered separately.		
Payment	Bills are due when rend	dered.	
General Terms and Conditions	Service hereunder is incorporated as a part	subject to the General Terms and Cond of this rate schedule.	itions which are
Filed	April 14, 2017		•
CITY OF CHICOPEE MUNICIPAL LIGHTING PLANT 725 Front Street			

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M.D.P.U. No. 102 Cancels M.D.P.U. No. 94 Effective Billing: May 1, 2017

#### CITY OF CHICOPEE, MASSACHUSETTS Municipal Lighting Plant

### Purchase Power Adjustment Clause

Designation	PPA
Available	In Chicopee, Massachusetts
Applicable	As defined in each of the individual rate schedules filed with Mass. DTE for the City of Chicopee Municipal Lighting Plant.
Definition	Average Purchased Power Costs - 8.979¢/kWh (Purchased Power Base Cost)
	The difference between the average Purchased Power Cost for the preceding quarter and the Purchased Power Base Cost as defined herein. The resulting charge or credit will be billed on a per kilowatt-hour basis as applicable
Base Cost	8.979¢/kWh
General Terms and Conditions	Service hereunder is subject to the General Terms and Conditions which are incorporated as a part of this adjustment clause.
Filed	April 14, 2017

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CITY OF CHICOPEE MUNICIPAL LIGHTING PLANT 725 Front Street Chicopee, Massachusetts 01020

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#### M.D.P.U. No. 103

Effective Billing: May 1, 2017

# CITY OF CHICOPEE, MASSACHUSETTS Municipal Lighting Plant

# Street Light Schedule Rate

Designation	Street Light Rate
Available	In Chicopee, Massachusetts
Applicable	Public street light service supplied to the City where the Department has private facilities for supplying electricity and where the installation work involved is limited to the necessary lighting unit and connection on the same pole.
Energy Charge	10.35¢ per kWh
Payment	Bills are due when rendered. Payment must be made within twenty-five (25) days. Thereafter, 1.5% per month interest will be added to unpaid balance. Public accounts subject to Sec. 94D of C. 164 MGL.
General Terms and Conditions	Service hereunder is subject to the General Terms and Conditions which are incorporated as a part of this rate schedule.

Filed

April 14,2017

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