

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,

2023

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

Daniel R. Faille

Official title: General Manager

Office address: 725 Front Street
Chicopee, MA 01020-1778

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GENERAL INFORMATION

1.	Name of town (or city) making report.	Chicopee, MA
2.	If the town (or city) has acquired a plant, Kind of plant, whether gas or electric. Owner from whom purchased, if so acquired. Date of votes to acquire a plant in accordance with the provisions of chapter 164 of the General Laws. Record of votes: First vote: Yes, ; No, Second vote: Yes, ; No, Date when town (or city) began to sell gas and electricity,	Electric Began operation and distribution 1896
3.	Name and address of manager of municipal lighting:	Daniel R. Faille Chicopee Electric Light Department 725 Front Street Chicopee, MA 01020-1778
4.	Name and address of mayor or selectmen:	John L. Vieau 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
6.	Name and address of town (or city) clerk:	Keith W. Rattell City Hall Market Square Chicopee, MA 01013
7.	Names and addresses of members of municipal light board:	Joseph F. Pasternak, III, Chairman Carl E. Sittard Daniel J. Mashia
8.	Total valuation of estates in town (or city) according to last State valuation (taxable)	\$5,598,542,263
9.	Tax rate for all purposes during the year:	\$ 14.76/1000 Res. \$31.78/1000 Comm.
10.	Amount of manager's salary:	\$195,000
11.	Amount of manager's bond:	\$10,000
12.	Amount of salary paid to members of municipal light board (each):	None

Annual Report of The City of Chicopee

Year Ended December 31, 2023

FURNISH SCHEDULE OF ESTIMATES REQUIRED BY GENERAL LAWS, CHAPTER 164, SECTION 57
FOR GAS AND ELECTRIC LIGHT PLANTS FOR THE FISCAL YEAR, ENDING DECEMBER 31, NEXT.

		Amount
INCOME FROM PRIVATE CONSUMERS:		
1	From sales of gas	-
2	From sales of electricity	70,369,191
3		TOTAL 70,369,191
4		
5	EXPENSES	
6	For operation, maintenance and repairs	68,445,594
7	For interest on bonds, notes or scrip	
8	For depreciation fund (2.8448% 107,691,429.16 as per page 8B)	3,063,648
9	For sinking fund requirements	-
10	For note payments	-
11	For bond payments	-
12	For loss in preceding year	-
13		TOTAL 71,509,242
14		
15	COST:	
16	Of gas to be used for municipal buildings	-
17	Of gas to be used for street lights	-
18	Of electricity to be used for municipal buildings	2,843,743
19	Of electricity to be used for street lights	229,175
20	Total of above items to be included in the tax levy	3,072,918
21		
22	New construction to be included in the tax levy	-
23	Total amounts to be included in the tax levy	3,072,918

CUSTOMERS

Names of cities or towns in which the plant supplies GAS, with the number of customers' meters in each.		Names of cities or towns in which the plant supplies ELECTRICITY, with the number of customers' meters in each.	
City or Town	Number of Customers' Meters, Dec. 31	City or Town	Number of Customers' Meters, Dec. 31
	None	City of Chicopee Department Meters Contract Lt. Customers	25,572 53
TOTAL	0	TOTAL	25,625

APPROPRIATIONS SINCE BEGINNING OF YEAR

(Include also all items charge direct to tax levy, even where no appropriation is made or required.)

FOR CONSTRUCTION OR PURCHASE OF PLANT

*At meeting , to be paid from **
 *At meeting , to be paid from **

TOTAL 0**FOR THE ESTIMATED COST OF THE GAS OR ELECTRICITY
TO BE USED BY THE CITY OR TOWN FOR:**

- | | |
|------------------------|-----------|
| 1. Street lights | 229,175 |
| 2. Municipal buildings | 2,843,743 |
| 3. | |

TOTAL 3,072,918

* Date of meeting and whether regular or special

** Here insert bonds, notes or tax levy

CHANGES IN THE PROPERTY

1. Describe briefly all the important physical changes in the property during the last fiscal period including additions, alterations or improvements to the works or physical property retired.

In electric property:

\$ - was invested in hydraulic production plant

\$ **19,777** was invested in other production plant

\$ **3,352** was invested in transmission plant

\$ **2,389,984** was invested in upgrading the distribution plant

\$ **5,334,245** was invested in general plant as follows:

3,914,220 for property improvements

850 for office equipment

129,715 for transportation equipment

669,413 for communication equipment.

67,681 for shop, laboratory and miscellaneous equipment.

552,366 for information systems equipment

In gas property:

Not applicable

	Bonds (Issued on Account of Gas or Electric Lighting.)	
--	---	--

When Authorized*	Date of Issue	Amount of Original Issue **	Period of Payments		Interest		Amount Outstanding at End of Year
			Amounts	When Payable	Rate	When Payable	
Jun 01, 1895	Sep 15, 1896	81,000					-
Apr 05, 1901	Jun 01, 1901	30,000					-
Oct 01, 1909	Dec 01, 1909	16,000					-
Oct 16, 1911	May 26, 1912	96,000					-
May 01, 1916	Jun 01, 1916	45,000					-
Nov 05, 1917	May 01, 1918	30,000					-
Jun 22, 1950	Sep 01, 1950	150,000					-
Mar 31, 1954	Apr 01, 1954	250,000					-
Jul 16, 1974	Jan 01, 1975	11,106,000					-
Dec 20, 1977	Jun 01, 1978	16,000,000					-
Nov 05, 1982	May 01, 1983	8,000,000					-
Feb 06, 1985	Jul 01, 1985	18,735,000					-
Feb 06, 1985	Aug 01, 1985	5,265,000					-
TOTAL		59,804,000				TOTAL	NONE

The bonds and notes outstanding at end of year should agree with the Balance Sheet.

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 including those that have been repaid

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* Date of meeting and whether regular or special

** List original issues of bonds and notes including those that have been repaid

Town Notes

(Issued on Account of Gas or Electric Lighting.)

When Authorized*	Date of Issue	Amount of Original Issue **	Period of Payments		Interest		Amount Outstanding at End of Year
			Amounts	When Payable	Rate	When Payable	
Jun 06, 1896	Jun 15, 1896	6,000					
Dec 15, 1901	Dec 18, 1901	3,000					
Nov 28, 1904	Dec 01, 1904	2,500					
Aug 05, 1907	Nov 01, 1907	19,000					
Jan 06, 1983	Jan 10, 1983	945,000					
Jan 06, 1983	Jan 26, 1983	330,000					
Jan 06, 1983	Feb 25, 1983	375,000					
Jan 06, 1983	Mar 25, 1983	470,000					
Jan 06, 1983	Apr 26, 1983	515,000					
TOTAL		2,665,500				TOTAL	-

The bonds and notes outstanding at end of year should agree with the Balance Sheet.

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 including those that have been repaid

<p>1. Report below the cost of utility plant in service according to prescribed accounts</p> <p>2. Do not include as adjustments, corrections of additions and retirements for the current or the</p> <p>TOTAL COST OF PLANT - ELECTRIC</p> <p>preceding year. Such items should be included in column (c) or (d) as appropriate.</p> <p>3. Credit adjustments of plant accounts should be enclosed in parentheses to indicate the negative</p> <p>effect of such amounts.</p> <p>4. Reclassifications or transfers within utility plant accounts should be shown in column (f).</p>							
Line No.	Account (a)	Balance Beginning of Year (b)	Additions (c)	Retirements (d)	Adjustments (e)	Transfers (f)	Balance End of Year (g)
1	1. INTANGIBLE PLANT						
2	303 Misc Intangible Plant	3,042,388		-	-	-	3,042,388
3							
4		3,042,388	-	-	-	-	3,042,388
5	2. PRODUCTION PLANT						
6	A. Steam Production						
7	310 Land and Land Rights						
8	311 Structures and Improvements						
9	312 Boiler Plant Equipment						
10	313 Engines and Engine Driven Generators						
11	314 Turbogenerator Units						
12	315 Accessory Electric Equipment						
13	316 Miscellaneous Power Plant Equipment						
15	Total Steam Production Plant	-	-	-	-	-	-
16	B. Nuclear Production Plant						
17	320 Land and Land Rights						
18	321 Structures and Improvements						
19	322 Reactor Plant Equipment						
20	323 Turbogenerator Units						
21	324 Accessory Electric Equipment						
22	325 Miscellaneous Power Plant Equipment						
	Total Nuclear Production Plant	-	-	-	-	-	-

TOTAL COST OF PLANT - ELECTRIC (Continued)							
Line No.	Account (a)	Balance Beginning of Year (b)	Additions (c)	Retirements (d)	Adjustments (e)	Transfers (f)	Balance End of Year (g)
1	C. Hydraulic Production Plant						
2	330 Land and Land Rights	371,362					371,362
3	331 Structures and Improvements						
4	332 Reservoirs, Dams and Waterways	2,048,323					2,048,323
5	333 Water Wheels, Turbines and Generators	268,373		(47,966)			220,407
6	334 Accessory Electric Equipment						
7	335 Miscellaneous Power Plant Equipment						
8	336 Roads, Railroads and Bridges						
9	Total Hydraulic Production Plant	2,688,057	-	(47,966)	-	-	2,640,091
10	D. Other Production Plant						
11	340 Land and Land Rights						
12	341 Structures and Improvements	667,139					667,139
13	342 Fuel Holders, Producers and Accessories	181,380					181,380
14	343 Prime Movers						
15	344 Generators	1,760,954	2,627				1,763,581
16	345 Accessory Electric Equipment	460,600	17,150				477,750
17	346 Miscellaneous Power Plant Equipment						
18	Total Other Production Plant	3,070,073	19,777	-	-	-	3,089,850
19	Total Production Plant	5,758,130	19,777	(47,966)	-	-	5,729,941
20	3. Transmission Plant						
21	350 Land and Land Rights	257,393					257,393
22	351 Clearing Land and Rights of Way						
23	352 Structures and Improvements						
24	353 Station Equipment	1,773,122	3,352				1,776,474
25	354 Towers and Fixtures	538,872					538,872
26	355 Poles and Fixtures	897,608					897,608
27	356 Overhead Conductors and Devices	582,964					582,964
28	357 Underground Conduit	222,894					222,894
29	358 Underground Conductors and Devices	72,333					72,333
30	359 Roads and Trails	119,385					119,385
31	Total Transmission Plant	4,464,572	3,352	-	-	-	4,467,924

Line No.	Account (a)	Balance Beginning of Year (b)	Additions (c)	Retirements (d)	Adjustments (e)	Transfers (f)	Balance End of Year (g)
1	4. DISTRIBUTION PLANT						
2	360 Land and Land Rights	153,805					153,805
3	361 Structures and Improvements	30,557					30,557
4	362 Station Equipment	10,009,753	55,251				10,065,004
5	363 Storage Battery Equipment						
6	364 Poles Towers and Fixtures	3,738,664	64,339	(10,499)			3,792,504
7	365 Overhead Conductors and Devices	16,576,559	1,130,155				17,706,714
8	366 Underground Conduit	8,340,664	57,673	(2,772)			8,395,565
9	367 Underground Conductors and Devices	8,682,915	459,912				9,142,826
10	368 Line Transformers	7,616,941	127,987				7,744,928
11	369 Services	4,602,975	5,119				4,608,094
12	370 Meters	4,349,273	93,196	(125,314)			4,317,155
13	371 Installations on Customer's Premises	6,953					6,953
14	372 Leased Prop on Customer's Premises	887,743	377,606	(72)			1,265,277
15	373 Streetlight and Signal Systems	1,169,269	18,745	(382)			1,187,632
16	Total Distribution Plant	66,166,072	2,389,984	(139,040)	-	-	68,417,016
17	5. GENERAL PLANT						
18	389 Land and Land Rights	24,503					24,503
19	390 Structures and Improvements	8,258,624	3,914,220				12,172,845
20	391 Office Furniture and Equipment	227,102	850				227,952
21	392 Transportation Equipment	3,330,736	129,715				3,460,451
22	393 Stores Equipment	157,388					157,388
23	394 Tools, Shop and Garage Equipment	517,713	38,595				556,308
24	395 Laboratory Equipment	629,611	29,086				658,697
25	396 Power Operated Equipment						
26	397 Communication Equipment	5,821,873	669,413				6,491,287
27	398 Miscellaneous Equipment	44,596					44,596
28	399 Other Tangible Property	2,494,831	552,366				3,047,196
29	Total General Plant	21,506,978	5,334,245	-	-	-	26,841,223
30	Total Electric Plant in Service	100,938,140	7,747,358	(187,006)	-	-	108,498,492
31	Total Cost of Electric Plant.....						108,498,492
33	Less Cost of Land, Land Rights, Rights of Way.....						807,063
34	Total Cost upon which Depreciation is based						107,691,429
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 should be deducted from the cost of the plant. The net cost of the property, less the land value, should be taken as a basis for figuring depreciation.							

COMPARATIVE BALANCE SHEET Assets and Other Debits					
Line No.		Title of Account (a)	Balance Beginning of Year (b)	Balance End of Year (c)	Increase or (Decrease) (d)
1		UTILITY PLANT			
2	101	Utility Plant - Electric (P. 17)	54,913,538	54,878,657	(34,881)
3	101	Utility Plant - Gas (P. 20)			
4	121	Nuclear Fuel Millstone #3			
5		Total Utility Plant	54,913,538	54,878,657	(34,881)
6					
7					
8					
9					
10					
11		FUND ACCOUNTS			
12	124	Investment - Hydro Quebec II	208,614.33	251,403	42,789
13	125	Sinking Funds			
14	126	Depreciation Fund (P. 14)	17,485,689	22,256,033	4,770,344
15	128	Other Special Funds	10,664,076	15,901,007	5,236,932
16		Total Funds	28,358,379	38,408,443	10,050,064
17		CURRENT AND ACCRUED ASSETS			
18	131	Cash (P. 14)	4,104,356	868,490	(3,235,866)
19	132	Special Deposits	1,127,176	1,122,409	(4,767)
20	135	Working Funds	3,000	3,000	-
21	134	Other Special Deposits	1,759,253	1,836,935	77,683
22	141	Notes Receivable			
23	142	Customer Accounts Receivable	7,181,479	7,803,981	622,502
24	143	Other Accounts Receivable	390,570	234,044	(156,526)
25	146	Receivables from Municipality			
26	151	Materials and Supplies (P. 14)	4,185,191	4,136,001	(49,189)
27					
28	165	Prepayments	12,834,040	10,950,718	(1,883,322)
29	171	Interest/Dividend Receivable	90,836	99,594	8,758
30	174	Miscellaneous Current Assets			
31		Total Current and Accrued Assets	31,675,900	27,055,173	(4,620,727)
32		DEFERRED DEBITS			
33	181	Unamortized Debt Discount			
34	182	Extraordinary Property Losses	2,530,877	1,663,148	(867,729)
35	183	Preliminary Survey & Investment Chgs	-	-	-
36	185	Other Deferred Debits			
37	186	Misc. Deferred Debits	5,590,319	5,273,500	(316,819)
38		Total Deferred Debits	8,121,196	6,936,648	(1,184,549)
39					
40		Total Assets and Other Debits	123,069,013	127,278,921	4,209,908
L-15		Reserve Fund - Liability	-	-	-
		Reserve Fund - Rate Stabilization	10,525,077	15,762,008	5,236,932
		Reserve Fund - Retirement	-	-	-
		Reserve Fund - Other	138,999	138,999	-
			10,664,076	15,901,007	5,236,932
L-21		Braintree Watson -PPD Fund	243,283	298,670	55,386
		Westover Fund	1,237,520	1,259,665	22,145
		Swift River Hydro Operations Co Inc	25,000	25,538	538
		Other Miscellaneous Special Deposits	253,449	253,062	(387)
			1,759,253	1,836,935	77,683
L-28		Prepaid Insurance	44,971	49,680	4,709
		MMWEC - PASNY	272,955	272,955	-
		MMWEC FUND -WORKING CAPITAL	11,004,708	9,004,708	(2,000,000)
		Prepaid Postage & Misc.	1,511,406	1,623,375	111,969
			12,834,040	10,950,718	(1,883,322)

COMPARATIVE BALANCE SHEET Liabilities and Other Credits

Line No.		Title of Account (a)	Balance Beginning of Year (b)	Balance End of Year (c)	Increase or (Decrease) (d)
1		APPROPRIATIONS			
2	201	Appropriations for Construction	-	-	-
3		SURPLUS			
4	205	Sinking Fund Reserves			
5	206	Loans Repayment			
6	219	Accum Other Comprehensive Income	-	-	-
7	216	Unappropriated Earned Surplus (P. 12)	83,821,528	88,131,771	4,310,244
8		Total Surplus	83,821,528	88,131,771	4,310,244
9		LONG TERM DEBT			
10	221	Bonds (P. 6)			
11	231	Notes Payable (P. 7)			
12		Total Bonds and Notes	-	-	-
13		CURRENT AND ACCRUED LIABILITIES			
14	232	Accounts Payable	6,844,555	6,169,629	(674,926)
15	234	Payables to Municipality			
16	235	Customers' Deposits	1,605,706	1,911,395	305,690
17	236	Taxes Accrued			
18	237	Interest Accrued	1,381	45,409	44,028
19	242	Miscellaneous Current and Accrued Liabilities	1,967,927	1,913,707	(54,220)
20		Total Current and Accrued Liabilities	10,419,569	10,040,140	(379,429)
21		DEFERRED CREDITS			
22	251	Unamortized Premium on Debt			-
23	252	Customer Advances for Construction			-
24	253	Other Deferred Credits	20,730,102	15,500,419	(5,229,683)
25		Total Deferred Credits	20,730,102	15,500,419	(5,229,683)
26		RESERVES			
27	260	Reserves for Uncollectible Accounts	357,000	435,000	78,000
28	261	Property Insurance Reserve			-
29	262	Injuries and Damages Reserves	-	-	-
30	263	Pensions and Benefits Reserves	4,968,888	10,399,663	5,430,776
31	265	Miscellaneous Operating Reserves			
32		Total Reserves	5,325,888	10,834,663	5,508,776
33		CONTRIBUTIONS IN AID OF			
34		CONSTRUCTION			
35	271	Contributions in Aid of Construction	2,771,927	2,771,927	-
36		Total Liabilities and Other Credits	123,069,013	127,278,921	4,209,908

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	127,984	127,369	(615)
Sales Tax Payable	67,438	54,399	(13,039)
In Lieu Of Tax	382,500	379,000	(3,500)
Misc Curr & Accr Lia	1,390,005	1,352,939	(37,066)
	1,967,927	1,913,707	(54,220)

STATEMENT OF INCOME FOR THE YEAR

Line No.	Account (a)	Current Year (b)	Increase or (Decrease) from Preceding Year (c)
1	OPERATING INCOME		
2	400 Operating Revenues (P. 37)	73,821,504	(1,393,447)
3	Operating Expenses:		
4	401 Operation Expense (p. 42)	64,478,246	3,789,766
5	402 Maintenance Expense (p.42)	3,426,253	287,273
6	403 Depreciation Expense	2,946,779	100,152
7	407 Amortization of Property Losses	867,729	-
8		-	-
9	408 Taxes (P. 49)	-	-
10	Total Operating Expenses	71,719,008	4,177,191
11	Operating Income	2,102,497	(5,570,638)
12	412 Rental Income - Hot Water Tanks	-	-
13	414 Other Utility Operating Income (P. 50)		
14	Total Operating Income	2,102,497	(5,570,638)
15	OTHER INCOME		
16	415 Income from Merchandising, Jobbing, and Contract Work (P. 51)	544,380	161,419
17	419 Interest Income	1,389,488	385,880
18	421 Miscellaneous Nonoperating Income (P. 21)	1,103,986	5,027,969
19	Total Other Income	3,037,854	5,575,268
20	Total Income	5,140,351	4,631
21	MISCELLANEOUS INCOME DEDUCTIONS		
22	425 Miscellaneous Amortization		
23	426 Other Income Deductions (P. 21)	22,793	12,079
24	Total Income Deductions	22,793	12,079
25	Income Before Interest Charges	5,117,558	(7,449)
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	49,314	47,417
31	432 Interest: Charged to Construction - Credit		
32	Total Interest Charges	49,314	47,417
33	NET INCOME	5,068,244	(54,865)

EARNED SURPLUS

Line No.	Account (a)	Debits (b)	Credits (c)
34	216 Unappropriated Earned Surplus (at beginning of period)		83,821,528
35			
36			
37	433 Balance Transferred from Income	-	5,068,244
38	434 Miscellaneous Credits to Surplus (P. 21)		-
39	435 Miscellaneous Debits to Surplus (P. 21)	-	
40	436 Appropriations of Surplus (P. 21)	758,000	
41	437 Surplus Applied to Depreciation		
42	216 Unappropriated Earned Surplus (at end of period)	88,131,771	
43			
44	TOTALS	88,889,771	88,889,771

CASH BALANCES AT END OF YEAR (Account 131)

Line No.	Items (a)	Amount (b)
1	Operation Fund	868,490
2		
3		
4		
5		
6		
7		
8		
9		
10		
11		
12	TOTAL	868,490

MATERIALS AND SUPPLIES (Accounts 151-159, 163)**Summary per Balance Sheet**

Line No.	Account (a)	Amount End of Year	
		Electric (b)	Gas (c)
13	Fuel (Account 151) (See Schedule, Page 18)	80,761	
14	Fuel Stock Expenses (Account 152)		
15	Residuals (Account 153)		
16	Plant Materials and Operating Supplies (Account 154 (151))	4,055,241	
17	Merchandise (Account 155)		
18	Other Materials and Supplies (Account 156)		
19	Nuclear Fuel Assemblies and Components - In Reactor (Account 157)		
20	Nuclear Fuel Assemblies and Components - Stock Account (Account 158)		
21	Nuclear Byproduct Materials (Account 159)		
22	Stores Expense (Account 163)		
23	Total Per Balance Sheet	4,136,001	

DEPRECIATION FUND ACCOUNT (Account 126)

Line No.	(a)	Amount (b)
24	DEBITS	
25	Balance of account at beginning of year	17,485,689
26	Income (loss) during year from balance on deposit (interest + gain/loss)	940,396
27	Amount transferred from income (depreciation)	3,829,948
28		
29	TOTAL	22,256,033
30	CREDITS	
31	Amount expended for construction purposes (Sec. 57,C.164 of G.L.)	
32	Amounts expended for renewals,viz:-	
33	Loss during year from balance on deposit (interest)	
34		
35		
36		
37		
38		
39	Balance on hand at end of year	22,256,033
40	TOTAL	22,256,033

UTILITY PLANT - ELECTRIC							
1. Report below the cost of utility plant in service according to prescribed accounts		preceding year. Such items should be included in column (c).		effect of such amounts.			
2. Do not include as adjustments, corrections of additions and retirements for the current or the		3 Credit adjustments of plant accounts should be enclosed in parentheses to indicate the negative		4. Reclassifications or transfers within utility plant accounts should be shown in column (f).			
Line No.	Account (a)	Balance Beginning of Year (b)	Additions (c)	Depreciation (d)	Other Credits (e)	Adjustments Transfers (f)	Balance End of Year (g)
1	1. INTANGIBLE PLANT						
2	303 Misc Intangible Plant	195,649		(21,739)			173,910
3							
4		195,649	-	(21,739)	-	-	173,910
5	2. PRODUCTION PLANT						
6	A. Steam Production						
7	310 Land and Land Rights						
8	311 Structures and Improvements						
9	312 Boiler Plant Equipment						
10	313 Engines and Engine Driven Generators						
11	314 Turbogenerator Units						
12	315 Accessory Electric Equipment						
13	316 Miscellaneous Power Plant Equipment						
15	Total Steam Production Plant	-	-	-	-	-	-
16	B. Nuclear Production Plant						
17	320 Land and Land Rights						
18	321 Structures and Improvements						
19	322 Reactor Plant Equipment						
20	323 Turbogenerator Units						
21	324 Accessory Electric Equipment						
22	325 Miscellaneous Power Plant Equipment						
23	Total Nuclear Production Plant	-	-	-	-	-	-

Line No.	Account (a)	Balance Beginning of Year (b)	Additions (c)	Depreciation (d)	Other Credits (e)	Adjustments Transfers (f)	Balance End of Year (g)
1	C. Hydraulic Production Plant						
2	330 Land and Land Rights	371,362					371,362
3	331 Structures and Improvements						
4	332 Reservoirs, Dams and Waterways	1,329,220		(102,416)			1,226,804
5	333 Water Wheels, Turbines and Generators	197,794		(13,419)			184,375
6	334 Accessory Electric Equipment						
7	335 Miscellaneous Power Plant Equipment						
8	336 Roads, Railroads and Bridges						
9	Total Hydraulic Production Plant	1,898,376	-	(115,835)	-	-	1,782,541
10	D. Other Production Plant						
11	340 Land and Land Rights						
12	341 Structures and Improvements	457,036		(18,782)			438,254
13	342 Fuel Holders, Producers and Accessories	61,213		(4,206)			57,007
14	343 Prime Movers						
15	344 Generators	53,997	2,627	(5,500)			51,124
16	345 Accessory Electric Equipment	177,212	17,150	(13,818)		(1,056)	179,489
17	346 Miscellaneous Power Plant Equipment						
18	Total Other Production Plant	749,459	19,777	(42,306)	-	(1,056)	725,874
19	Total Production Plant	2,647,835	19,777	(158,141)	-	(1,056)	2,508,415
20	3. Transmission Plant						
21	350 Land and Land Rights	257,393					257,393
22	351 Clearing Land and Rights of Way						
23	352 Structures and Improvements						
24	353 Station Equipment	1,296,481	3,352	(53,194)			1,246,640
25	354 Towers and Fixtures	393,387		(16,166)			377,221
26	355 Poles and Fixtures	655,276		(26,928)			628,348
27	356 Overhead Conductors and Devices	425,586		(17,489)			408,097
28	357 Underground Conduit	162,712		(6,687)			156,025
29	358 Underground Conductors and Devices	52,804		(2,170)			50,634
30	359 Roads and Trails	87,340		(3,582)			83,759
31	Total Transmission Plant	3,330,980	3,352	(126,215)	-	-	3,208,117

Line No.	Account (a)	Balance Beginning of Year (b)	Additions (c)	Depreciation (d)	Other Credits (e)	Adjustments Transfers (f)	Balance End of Year (g)
1	4. DISTRIBUTION PLANT						
2	360 Land and Land Rights	153,805					153,805
3	361 Structures and Improvements	3,066		(917)			2,149
4	362 Station Equipment	6,633,489	55,251	(246,398)			6,442,342
5	363 Storage Battery Equipment						
6	364 Poles Towers and Fixtures	1,807,269	64,339	(112,161)		12,342	1,771,790
7	365 Overhead Conductors and Devices	7,895,414	1,130,155	(408,151)		730	8,618,148
8	366 Underground Conduit	4,407,380	57,673	(164,863)		8,625	4,308,815
9	367 Underground Conductors and Devices	3,422,534	459,912	(178,134)		32,056	3,736,368
10	368 Line Transformers	2,799,632	127,987	(228,509)			2,699,110
11	369 Services	2,527,869	5,119	(82,583)			2,450,406
12	370 Meters	3,589,867	93,196	(217,464)			3,465,599
13	371 Installations on Customer's Premises						
14	372 Leased Prop on Customer's Premises	201,071	377,606	(34,462)		15,619	559,834
15	373 Streetlight and Signal Systems	563,993	18,745	(33,920)		612	549,430
16	Total Distribution Plant	34,005,389	2,389,984	(1,707,561)	-	69,984	34,757,796
17	5. GENERAL PLANT						
18	389 Land and Land Rights	24,503					24,503
19	390 Structures and Improvements	2,690,915	3,914,220	(165,252)			6,439,883
20	391 Office Furniture and Equipment	35,709	850	(4,785)			31,774
21	392 Transportation Equipment	1,100,186	129,715	(238,173)		(16,508)	975,220
22	393 Stores Equipment	33,075		(6,862)			26,213
23	394 Tools, Shop and Garage Equipment	89,284	38,595	(26,749)			101,130
24	395 Laboratory Equipment	190,659	29,086	(42,809)			176,937
25	396 Power Operated Equipment						
26	397 Communication Equipment	2,337,023	669,413	(298,921)			2,707,515
27	398 Miscellaneous Equipment						
28	399 Other Tangible Property	657,132	552,366	(149,571)			1,059,926
29	Total General Plant	7,158,485	5,334,245	(933,123)	-	(16,508)	11,543,100
30	Total Electric Plant in Service	47,338,338	7,747,358	(2,946,779)	-	52,421	52,191,338
31	104 Utility Plant Leased to Others						
32	105 Property Held for Future Use						
	106 Completed Const.-Not Classified						
33	107 Construction Work in Progress	7,575,200	(4,887,881)				2,687,319
34	Total Utility Plant Electric	54,913,538	2,859,477	(2,946,779)	-	52,421	54,878,657

PRODUCTION FUEL AND OIL STOCKS (Included in Account 151)

(Except Nuclear Materials)

1. Report below the information called for concerning production fuel and oil stocks
2. Show quantities in tons of 2,000 lbs., gal., or Mcf., whichever unit of quantity is applicable
3. Each kind of coal or oil should be shown separately.
4. Show gas and electric fuels separately by specific use.

Line No.	Item (a)	Total Cost (b)	Kinds of Fuel and Oil			
			Quantity (c)	Cost (d)	Quantity (e)	Cost (f)
1	On Hand Beginning of Year	77,400	22,161	77,400		
2	Received During Year	121,367	39,366	121,367		
3	TOTAL	198,767	61,527	198,767		
4	Used During Year (Note A)	118,007	35,823	118,007		
5	Generator Fuel					
6						
7						
8						
9						
10						
11	Sold or Transferred					
12	TOTAL DISPOSED OF	118,007	35,823	118,007		
13	BALANCE END OF YEAR	80,760	25,704	80,760		
Line No.	Item (g)	Kinds of Fuel and Oil - continued				
		Quantity (h)	Cost (i)	Quantity (j)	Cost (k)	
14	On Hand Beginning of Year					
15	Received During Year					
16	TOTAL					
17	Used During Year (Note A)					
18						
19						
20						
21						
22						
23						
24	Sold or Transferred					
25	TOTAL DISPOSED OF					
26	BALANCE END OF YEAR					

Note A -- Indicate specific purpose for which used, e.g., Boiler Oil, Make Oil, Generator Fuel, etc

MISCELLANEOUS NONOPERATING INCOME (Account 421)		
Line No.	Item (a)	Amount (b)
1	Miscellaneous Nonoperating Income -Net Gain/Losses on Disposition of Property	-
2	Miscellaneous Nonoperating Income -Others	9,408
3	Miscellaneous Nonoperating Income -Net Gains/Disp of Investments	(3,892)
4	Miscellaneous Nonoperating Income -Net Unrealized Gains/Losses of Investments	1,098,470
5	Miscellaneous Nonoperating Income -Net Unrealized Gains/Losses of Investments	
6	TOTAL	1,103,986
OTHER INCOME DEDUCTIONS (Account 426)		
Line No.	Item (a)	Amount (b)
7	Donations	22,793
8		
9		
10		
11		
12		
13		
14	TOTAL	22,792.78
MISCELLANEOUS CREDITS TO SURPLUS (Account 434)		
Line No.	Item (a)	Amount (b)
15		
16		
17		
18		
19		
20		
21		
22		
23	TOTAL	-
MISCELLANEOUS DEBITS TO SURPLUS (Account 435)		
Line No.	Item (a)	Amount (b)
24		
25		
26		
27		
28		
29		
30		
31		
32	TOTAL	-
APPROPRIATIONS OF SURPLUS (Account 436)		
Line No.	Item (a)	Amount (b)
33	In Lieu of Tax Payment - City of Chicopee	758,000
34		
35		
36		
37		
38		
39		
40	TOTAL	758,000

MUNICIPAL REVENUES (Account 482,444)						
(K.W.H. Sold under the provision of Chapter 269, Acts of 1927)						
Line No.	Acct. No.	Gas Schedule (a)	Cubic Feet (b)	Revenue Received (c)	Average Revenue Per MCF (cents) (0.0000) (d)	
1						
2						
3						
4		TOTALS				
		Electric Schedule (a)	K.W.H. (b)	Revenue Received (c)	Average Revenue Per KWH (cents) (0.0000) (d)	
5	444-2	Municipal: (Other Than Street Lighting)	18,822,324	3,086,685	16.3991	
6						
7						
8						
9						
10						
11						
12		TOTALS	18,822,324	3,086,685	16.3991	
13	444-1	Street Lighting:	1,688,244	197,971	11.7264	
14						
15						
16						
17						
18		TOTALS	1,688,244	197,971	11.7264	
19		TOTALS	20,510,568	3,284,655	16.0145	
PURCHASED POWER (Account 555)						
Line No.	Names of Utilities from Which Electric Energy is Purchased (a)		Where and at What Voltage Received (b)	K.W.H (c)	Amount (d)	Cost per KWH (cents) (0.0000) (e)
20	ISO-New England		Chicopee, MA 115 KV	83,510,649	7,771,247	9.3057
21	P.A.S.N.Y.		Chicopee, MA 115 KV	20,967,983	268,745	1.2817
22	Ameresco		Chicopee, MA 13.8 KV	14,054,566	646,510	4.6000
23	Chicopee Solar, LLC		Chicopee, MA 13.8 KV	4,577,035	279,343	6.1032
24	Chicopee River Solar, LLC		Chicopee, MA 13.8 KV	3,044,049	204,390	6.7144
25	Chicopee Granby Road Solar, LLC		Chicopee, MA 13.8 KV	2,462,380	165,634	6.7266
26	Southern Sky Renewable Energy Chicopee LLC		Chicopee, MA 13.8 KV	2,450,028	130,806	5.3389
27	Consolidated Edison Solutions		Chicopee, MA 13.8 KV	4,934,052	262,412	5.3184
28	Braintree Watson		Chicopee, MA 115 KV	3,227,492	1,656,037	51.3103
29	MMWEC		Chicopee, MA 115 KV	269,992,000	26,831,690	9.9380
30	Ashuelot Hydro		Chicopee, MA 115 KV	-	-	-
31	Eagle Creek Hydro		Chicopee, MA 115 KV	10,663,210	644,591	6.0450
32	Hancock Wind		Chicopee, MA 115 KV	13,171,504	690,852	5.2450
33	Berkshire Wind		Chicopee, MA 115 KV	1,538,294	251,642	16.3585
34	Holiday Hill Wind		Chicopee, MA 115 KV	6,479,685	365,002	5.6330
35						
36						
				441,072,927	40,168,901	9.1071
SALES FOR RESALE (Account 447)						
Line No.	Names of Utilities to Which Electric Energy is sold (a)		Where and at What Voltage Delivered (b)	K.W.H (c)	Amount (d)	Revenue per KWH (cents) (0.0000) (e)
37						
38						
39						
40						
41						
42						
43			TOTALS	0	-	

ELECTRIC OPERATING REVENUES (Account 400)

1. 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.
2. If increases and decreases are not derived from previously reported figures, explain any inconsistencies.
3. Number of customers should be reported on the basis of meters, plus number of late rate accounts except where separate

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.

4. Unmetered sales should be included below. The details of such sales should be given in a footnote.
5. 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

Line No.	Account (a)	Operating Revenues		Kilowatt-hours Sold		Average Number of Customers per Month	
		Amount for Year (b)	Increase or (Decrease) from Preceding Year (c)	Amount for Year (d)	Increase or (Decrease) from Preceding Year (e)	Number for Year (f)	Increase or (Decrease) from Preceding Year (g)
1	SALES OF ELECTRICITY						
2	440 Residential Sales	32,248,195	(197,232)	191,919,755	(9,774,256)	23,182	(2)
3	442 Commercial and Industrial Sales	29,696,817	543,751	183,523,154	(2,168,782)	2,506	25
4	Small Commercial B Sales						
5	Large Commercial C Sales						
6	444 Municipal Sales	3,284,655	103,522	20,510,568	(398,106)	169	1
7	445 Other Sales to Public Authorities						
	Federal	2,952,743	87,966	21,199,037	(288,706)	5	0
	State	1,945,046	25,586	11,938,801	(347,942)	78	(1)
8	446 Sales to Railroads and Railways						
9	448 Interdepartmental Sales						
10	449 Miscellaneous Sales - Rate Stabilization	(425,000)	(2,950,000)				
11	Total Sales to Ultimate Consumers	69,702,456	(2,386,407)	429,091,315	(12,977,792)	25,940	23
12	447 Sales for Resale		-				0
13	Total Sales of Electricity	69,702,456	(2,386,407)	429,091,315	(12,977,792)	25,940	23
14	OTHER OPERATING REVENUES						
15	450 Forfeited Discounts	58,872	1,111				
16	451 Miscellaneous Service Revenues	3,239,812	928,661				
17	453 Sales of Water and Water Power						
18	454 Rent from Electric Property	223,785	7,573				
19	455 Interdepartmental Rents						
20	456 Other Electric Revenues						
21	457 Miscellaneous Revenues	596,578	55,616				
22							
23							
24							
25	Total Other Operating Revenues	4,119,048	992,961				
26	Total Electric Operating Revenue	73,821,504	(1,393,447)				

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 No.	Account No.	Schedule (a)	K.W.H. (b)	Revenue (c)	Average Revenue per KWH (cents) (0.0000) (d)	Number of Customers (per Bills rendered)	
						July 31 (e)	Dec 31 (f)
1	440	Residential	191,919,755	32,248,194.98	16.80000	23,135	23,212
2	442	Commercial & Industrial	183,523,154	29,696,817.23	16.18000	2,501	2,509
3							
4	444	Municipal	20,510,568	3,284,655.38	16.01000	170	168
5							
6	445	Other Sales to Public Authorities:					
7		Federal	21,199,037	2,952,742.62	13.93000	5	5
8		State	11,938,801	1,945,045.73	16.29000	78	78
9							
10	449	Miscellaneous Sales					
11		Rate Stabilization		(425,000.00)			
12							
13							
14							
15							
16							
17							
18							
19							
20							
TOTAL SALES TO ULTIMATE CONSUMERS (page 37 Line 11)			429,091,315	69,702,456	16.24000	25,889	25,972

ELECTRIC OPERATION AND MAINTENANCE EXPENSES

1. Enter in the space provided the operation and maintenance expenses for the year

2. If the increases and decreases are not derived from previously reported figures, explain in footnote

Line No.	Account (a)	Amount for Year (b)	Increase or (Decrease) from Preceding Year (c)
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	505 Electric expenses		
10	506 Miscellaneous steam power expenses		
11	507 Rents		
12	Total Operation	-	-
13	Maintenance:		
14	510 Maintenance supervision and engineering		
15	511 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	-	-
20	Total power production expenses -steam power	-	-
21	NUCLEAR POWER GENERATION		
22	Operation:		
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	-	-
33	Maintenance:		
34	528 Maintenance supervision and engineering		
35	529 Maintenance of Structures		
36	530 Maintenance of reactor plant		
37	531 Maintenance of electric plant		
38	532 Maintenance of miscellaneous nuclear plant		
39	Total Maintenance	-	-
40	Total power production expenses -nuclear power	-	-
41	HYDRAULIC POWER GENERATION		
42	Operation:		
43	535 Operation supervision and engineering		
44	536 Water for power		
45	537 Hydraulic expenses	196,114	21,753
46	538 Electric expenses		
47	539 Miscellaneous hydraulic power generation expenses		
48	540 Rents		
49	Total Operation	196,114	21,753

ELECTRIC OPERATION AND MAINTENANCE EXPENSES - Continued			
Line No.	Account (a)	Amount for Year (b)	Increase or (Decrease) from Preceding Year (c)
1	HYDRAULIC POWER GENERATION - Continued		
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	196,114	21,753
10	OTHER POWER GENERATION		
11	Operation:		
12	546 Operation supervision and engineering		
13	547 Fuel	118,007	(210,746)
14	548 Generation Expenses	392	392
15	549 Miscellaneous other power generation expense		
16	550 Rents		
17	Total Operation	118,399	(210,354)
18	Maintenance:		
19	551 Maintenance supervision and engineering		
20	552 Maintenance of Structures		
21	553 Maintenance of generating and electric plant	59,803	(21,121)
22	554 Maintenance of miscellaneous other power generation plant		
23	Total Maintenance	59,803	(21,121)
24	Total power production expenses - other power	178,202	(231,475)
25	OTHER POWER SUPPLY EXPENSES		
26	555 Purchased power	40,168,901	(794,289)
27	556 System control and load dispatching		
28	557 Other expenses	967,549	(49,810)
29	Total other power supply expenses	41,136,450	(844,099)
30	Total power production expenses	41,510,766	(1,053,822)
31	TRANSMISSION EXPENSES		
32	Operation:		
33	560 Operation supervision and engineering	69,940	(9,263)
34	561 Load dispatching		
35	562 Station expenses		
36	563 Overhead line expenses		
37	564 Underground line expenses		
38	565 Transmission of electricity by others	10,726,964	(362,806)
39	566 Miscellaneous transmission expenses		
40	567.1 Operating supplies & expenses	-	-
41	Total Operation	10,796,904	(372,070)
42	Maintenance:		
43	568 Maintenance supervision and engineering		
44	569 Maintenance of structures	9,069	(9,987)
45	570 Maintenance of station equipment		
46	571 Maintenance of overhead lines	7,254	7,254
47	572 Maintenance of underground lines		
48	573 Maintenance of miscellaneous transmission plant		
49	574 Maintenance of transmission plant	4,280	(6,926)
49	Total maintenance	20,603	(9,659)
50	Total transmission expenses	10,817,507	(381,728)

ELECTRIC OPERATION AND MAINTENANCE EXPENSES - Continued			
Line No.	Account (a)	Amount for Year (b)	Increase or (Decrease) from Preceding Year (c)
1	DISTRIBUTION EXPENSES		
2	Operation:		
3	580 Operation supervision and engineering	515,150	29,117
4	581 Load dispatching (Operation Labor)		
5	582 Station expenses	451,545	25,575
6	583 Overhead line expenses	762,210	(13,086)
7	584 Underground line expenses	14,693	(12,095)
8	585 Street lighting and signal system expenses	12,907	(31,437)
9	586 Meter expenses	222,518	(40,845)
10	587 Customer installations expenses	216,710	42,337
11	588 Miscellaneous distribution expenses	211,787	(17,896)
12	589 Rents	400	-
13	Total operation	2,407,921	(18,330)
14	Maintenance:		
15	590 Maintenance supervision and engineering		
16	591 Maintenance of structures	6,919	6,919
17	592 Maintenance of station equipment	278,659	61,415
18	593 Maintenance of overhead lines	879,721	(60,492)
19	594 Maintenance of underground lines	58,518	(21,816)
20	595 Maintenance of line transformers	9,242	(3,416)
21	596 Maintenance of street lighting and signal systems	232	(440)
22	597 Maintenance of meters	7,254	(10,778)
23	598 Maintenance of miscellaneous distribution plant		
24	Total maintenance	1,240,544	(28,609)
25	Total distribution expenses	3,648,465	(46,939)
26	CUSTOMER ACCOUNTS EXPENSES		
27	Operation:		
28	901 Supervision		
29	902 Meter reading expenses	17,696	(2,358)
30	903 Customer records and collection expenses	2,277,482	146,806
31	904 Uncollectible accounts	217,862	38,088
32	905 Miscellaneous customer accounts expenses		
	908 Customer assistance expenses	601,298	226,515
	909 Informational/Instruction expenses	28,975	4,175
33	Total customer accounts expenses	3,143,313	413,226
34	SALES EXPENSES		
35	Operation:		
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	662,363	30,702
44	921 Office supplies and expenses	156,184	1,258
45	922 Administrative expenses transferred - Cr		
46	923 Outside services employed	79,598	10,418
47	924 Property insurance	219,866	53,932
48	925 Injuries and damages	265,918	74,544
49	926 Employee pensions and benefits	5,144,055	4,647,786
50	928 Regulatory commission expenses		-
51	929 Store Expense		
52	930 Miscellaneous general expenses	151,162	(18,999)
53	931 Rents	-	-
54	Total operation	6,679,145	4,799,641

ELECTRIC OPERATION AND MAINTENANCE EXPENSES - Continued

Line No.	Account (a)	Amount for Year (b)	Increase or (Decrease) from Preceding Year (c)
1	ADMINISTRATIVE AND GENERAL EXPENSES - Cont.	6,679,145	4,799,641
2	Maintenance:		
3	935 Maintenance of general plant	1,703,367	311,879
4	933 Maintenance of transportation equipment	401,935	34,782
5	Total Maintenance	2,105,303	346,661
6	Total administrative and general expenses	8,784,448	5,146,302
7	Total Electric Operation and Maintenance Expenses	67,904,499	4,077,039

SUMMARY OF ELECTRIC OPERATION AND MAINTENANCE EXPENSES

Line No.	Functional Classification (a)	Operation (b)	Maintenance (c)	Total (d)
8	Power Production Expenses			
9	Electric Generation:			
10	Steam Power:			
11	Nuclear Power			
12	Hydraulic Power	196,114		196,114
13	Other Power	118,399	59,803	178,202
14	Other Power Supply Expenses	41,136,450		41,136,450
15	Total power production expenses	41,450,963	59,803	41,510,766
16	Transmission Expenses	10,796,904	20,603	10,817,507
17	Distribution Expenses	2,407,921	1,240,544	3,648,465
18	Customer Accounts Expenses	3,143,313		3,143,313
19	Sales Expenses	-		-
20	Administrative and General Expenses	6,679,145	2,105,303	8,784,448
21	Power Production Expenses	23,027,283	3,366,450	26,393,733
22	Total Electric Operation & Maintenance Expenses	64,478,246	3,426,253	67,904,499

- 23 Ratio of operating expenses to operating revenues 97.15%
 (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)
- 24 Total salaries and wages of electric department for year, including
 amounts charged to operating expenses, construction and other
 accounts. 6,672,407
- 25 Total number of employees of electric department at end of year 72
 including administrative, operating, maintenance, construction and
 other employees (including part-time employees)

TAXES CHARGED DURING THE YEAR

1. This schedule is intended to give the account distribution of total taxes charged to operations and other final accounts during the year.

2. Do not include gasoline and other sales taxes which have been 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 of such taxes are known, they should be shown as a footnote and designated whether estimated or actual amounts

3. The aggregate of each kind of tax should be listed under the appropriate heading of "Federal", "State" and "Local" in such manner that the total tax for each State and for all subdivisions can be readily ascertained.

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.

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.

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 the 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)	(e)	(f)	(g)	(h)	(i)
1	N/A								
2									
3									
4									
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21									
22									
23									
24									
25									
26									
27									
28	TOTALS	-	-						

OTHER UTILITY OPERATING INCOME (Account 414)

Report below the particulars called for in each column

Line No.	Property (a)	Amount of Investment (b)	Amount of Department (c)	Amount of Operating Expenses (d)	Gain or (Loss) from Operation (e)
1	N/A				
2					
3					
4					
5					
6					
7					
8					
9					
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12					
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44					
45					
46					
47					
48					
49					
50					
51	TOTALS				

INCOME FROM MERCHANDISE, JOBBING, AND CONTRACT WORK (Account 415)

Report by utility departments the revenue, costs, expenses, and net income from merchandising, jobbing, and contract work during the year.

Line No.	Item (a)	Electric Department (b)	Gas Department (c)	Other Utility Department (d)	Total (e)
1	Revenues:				
2	Merchandise sales, less discounts,	557,659			557,659
3	allowances and returns				
4	Contract work				
5	Commissions				
6	Other (list according to major classes)				
7					
8					
9					
10	Total Revenues	557,659			557,659
11					
12					
13	Costs and Expenses:				
14	Cost of sales (list according to major				
15	classes of cost)				
16	Jobbing/Contract Costs	13,280			13,280
17	Materials				
18	Outside Service Labor				
19					
20					
21					
22					
23					
24					
25					
26	Sales Expenses				
27	Customer accounts expenses				
28	Administrative and general expenses				
29					
30					
31					
32					
33					
34					
35					
36					
37					
38					
39					
40					
41					
42					
43					
44					
45					
46					
47					
48					
49					
50	TOTAL COSTS AND EXPENSES	13,280			13,280
51	Net Profit (or loss)	544,380			544,380

SALES FOR RESALE (Account 447)

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

2. 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 "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.

Line No.	Sales to: (a)	Statistical Classification (b)	Export Across State Line (c)	Point of Delivery (d)	Sub Station (e)	Kw or Kva of Demand		
						Contract Demand (f)	Avg mo. Maximum Demand (g)	Annual Maximum Demand (h)
1	N/A							
2								
3								
4								
5								
6								
7								
8								
9								
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11								
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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.

7. 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 Demand Reading (i)	Voltage at Which Delivered (j)	Revenue (Omit Cents)					Revenue per kwh (CENTS) (0.0000) (p)	Line No.
		Kilowatt-Hours (k)	Capacity Charges (l)	Energy Charges (m)	Other Charges (n)	Total (o)		
						0.00		1
								2
								3
								4
								5
								6
								7
								8
								9
								10
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								34
								35
								36
	TOTALS:	0	0.00	0.00	0	0		37

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

1. 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.

2. 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.

3. Report separately firm, dump, and other power purchased from the same company. Describe the nature of any purchases classified as Other Power, column (b).

Line No.	Purchased from (a)	Statistical Classification (b)	Across State Line (c)	Point of Receipt (d)	Sub Station (e)	Kw or Kva of Demand		
						Contract Demand (f)	Avg mo. Maximum Demand (g)	Annual Maximum Demand (h)
1	P.A.S.N.Y.	O	X	Chicopee, MA	SS			4,487
2								
3	Ameresco	O		Chicopee, MA				2,940
4								
5	Ashuelot & Lower Robertson Hydro	O	X	Chicopee, MA	SS			
6								
7	Chicopee Solar, LLC	O		Chicopee, MA				3,070
8								
9	Chicopee River Solar, LLC	O		Chicopee, MA				2,182
10								
11	Chicopee Granby Road Solar, LLC	O		Chicopee, MA				1,743
12								
13	Braintree-Watson Generating Station	O		Chicopee, MA	SS			11,496
14								
15	Eagle Creek Hydro Assets	O	X	Chicopee, MA	SS			2,243
16								
17	Hancock Wind	O	X	Chicopee, MA	SS			5,908
18								
19	Southern Sky Renewable Energy Chicopee LLC	O		Chicopee, MA				1,954
20								
21	Consolidated Edison Solutions	O		Chicopee, MA				2,882
22								
23	MMWEC	FP		Chicopee, MA	SS			46,000
24								
25	Berkshire Wind Power Cooperative Corp.	O		Chicopee, MA	SS			757
26								
27	Holiday Hill Community Wind, LLC.	O	X	Chicopee, MA	SS			3,369
28								
29								
30								
31								
32								
33								
34								
35								
36								
37								
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 Demand Reading (i)	Voltage at Which Delivered (j)	Cost of Energy (Omit Cents)					KWH (CENTS) (0.0000) (p)	Line No.
		Kilowatt-Hours (k)	Capacity Charges (l)	Energy Charges (m)	Other Charges (n) *	Total (o)		
60 Minute	13.8 KV	20,967,983	165,358	103,387		268,745	1.2817	1
								2
60 Minute	13.8 KV	14,054,566		646,510		646,510	4.6000	3
								4
60 Minute	13.8 KV	0				0	0.0000	5
								6
60 Minute	13.8 KV	4,577,035		279,343		279,343	6.1032	7
								8
60 Minute	13.8 KV	3,044,049		204,390		204,390	6.7144	9
								10
60 Minute	13.8 KV	2,462,380		165,634		165,634	6.7266	11
								12
60 Minute	13.8 KV	3,227,492	1,061,056	594,981		1,656,037	51.3103	13
								14
60 Minute	13.8 KV	10,663,210		644,591		644,591	6.0450	15
								16
60 Minute	13.8 KV	13,171,504	(8,847)	699,699		690,852	5.2450	17
								18
60 Minute	13.8 KV	2,450,028		130,806		130,806	5.3389	19
								20
60 Minute	13.8 KV	4,934,052		262,412		262,412	5.3184	21
								22
60 Minute	13.8 KV	269,992,000	5,550,680	21,281,010		26,831,690	9.9380	23
								24
60 Minute	13.8 KV	1,538,294	251,642	0		251,642	16.3585	25
								26
60 Minute	13.8 KV	6,479,685	(23,779)	388,781		365,002	5.6330	27
								28
								29
								30
								31
								32
								33
								34
								35
								36
								37
								38
								39
								40
								41
	TOTALS:	357,562,278	6,996,110	25,401,544	0	32,397,654	9.0607	42

INTERCHANGE POWER (Included in Account 555)

1. Report below the kilowatt-hours received and delivered during the year and the net charge or credit under interchange power agreements. shall be furnished in Part B, Details of Settlement for Interchange Power. If settlement for any transaction also includes credit or debit amounts other than for increment generation expenses, show such other component amounts separately, in addition to debit or credit for increment generation expenses, and give a brief explanation of the factors and principles under which such other component amounts were determined. If such settlement represents the net of debits 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.

2. Provide subheadings and classify interchanges 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 interchange across a state line place an "x" in column (b).

3. Particulars of settlements for interchange power

A. Summary of Interchange According to Companies and Points of Interchange

Line No.	Name of Company (a)	Inter-change Across State Lines (b)	Point of Interchange (c)	Voltage at Which Inter-changed (d)	Kilowatt-hours			Amount of Settlement (h)
					Received (e)	Delivered (f)	Net Difference (g)	
1	ISO NE		Chicopee, MA	13.8 KV	85,377,800	(1,867,151)	83,510,649	\$ 7,771,247
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12	TOTALS				85,377,800	(1,867,151)	83,510,649	7,771,247

B. Details of Settlement for Interchange Power

Line No.	Name of Company (i)	Explanation (j)	Amount (k)
13	ISO NE	Energy Received from ISO NE	4,053,832
14		Energy Delivered to ISO NE	(197,736)
15			
16			
17			
18			
19			
20			
21	TOTAL		3,856,095

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Year Ended December 31, 2023

ELECTRIC ENERGY ACCOUNT

Report below the information called for concerning the disposition of electric energy generated, purchased and interchanged for the year.

Line No.	Item (a)	Kilowatt-hours (b)
1	SOURCES OF ENERGY	
2	Generation	
3	Steam	
4	Nuclear	
5	Hydro	0
6	Other	476,146
7	Total Generation	476,146
8	Purchases	357,562,278
9	(In (gross)	85,377,800
10	< Out (gross)	(1,867,151)
11	(Net (Kwh)	
12		83,510,649
13	Transmission for/by others (wheeling)	
14	(Received	0
15	< Delivered	0
16	(Net (Kwh)	
17	TOTAL	441,549,073
18	DISPOSITION OF ENERGY	
19	Sales to ultimate consumers (including interdepartmental sales)	429,091,315
20	Sales for resale	
21	Energy furnished without charge	
22	Energy used by the company (excluding station use):	
23	Electric department only	1,348,463
24	Energy losses	
25	Transmission and conversion losses	6,129,621
26	Distribution losses	4,979,674
27	Unaccounted for losses	
28	Total energy losses	11,109,295
29	Energy losses as percent of total on line 15	2.52%
30	TOTAL	441,549,073

MONTHLY PEAKS AND OUTPUT

- 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.
- Monthly peak col. (b) should be respondent's maximum kw load as 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
- State type of monthly peak reading (instantaneous 15, 30, or 60 minutes integrated.)
- 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.
- 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 Chicopee

Line No.	Month (a)	Monthly Peak					Monthly Output (kwh) (See Instr. 4) (g)
		Kilowatts (b)	Day of Week (c)	Day of Month (d)	Hour (e)	Type of Reading (f)	
29	January.....	67,754	Mon.	23	6:00 PM	Watt Meter	40,453,054
30	February.....	81,948	Fri.	3	7:00 PM	Watt Meter	37,328,671
31	March.....	63,156	Tues.	7	7:00 PM	Watt Meter	37,722,236
32	April.....	62,681	Fri.	14	5:00 PM	Watt Meter	31,246,256
33	May.....	58,753	Wed.	31	6:00 PM	Watt Meter	31,450,865
34	June.....	75,829	Fri.	2	3:00 PM	Watt Meter	35,358,320
35	July.....	90,417	Thur.	6	3:00 PM	Watt Meter	45,320,090
36	August.....	77,033	Mon.	21	6:00 PM	Watt Meter	40,312,275
37	September.....	94,393	Thur.	7	4:00 PM	Watt Meter	36,147,271
38	October.....	62,756	Wed.	4	5:00 PM	Watt Meter	31,920,083
39	November.....	66,755	Wed.	29	6:00 PM	Watt Meter	35,853,502
40	December.....	67,867	Thur.	7	6:00 PM	Watt Meter	38,436,450
41		60 Minutes Integrated Peak				TOTAL	441,549,073

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 stations 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 which is available, specifying period. 5. If a group of employees 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 &

Line No.	Item (a)	Plant (b)	Plant (c)	Plant (d)
1	Kind of plant (steam,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	2,500 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	
10	(b) When limited by condenser water	N/A	N/A	
11	Average number of employees	1	0	
12	Net generation, exclusive of station use	476,146	-	
13	Cost of plant (omit cents):			
14	Land and land rights		371,362	
15	Structures and improvements	667,139		
16	Reservoirs, dams, and waterways		2,268,730	
17	Equipment costs	2,422,711		
18	Roads, railroads, and bridges			
19	Total cost	3,089,850	2,640,091	
20	Cost per kw of installed capacity	375	1,269	
21	Production expenses:			
22	Operation supervision and engineering			
23	Station labor			
24	Fuel	118,007		
25	Supplies and expenses, including water	392	196,114	
26	Maintenance	59,803		
27	Rents			
28	Steam from other sources			
29	Steam transferred- Credit			
30	Total production expenses p.40 line 24	178,202	196,114	
31	Expenses per net Kwh (5 places)	0.37426	0.00000	
32	Fuel: Kind	No. 2 Diesel	Water	
33	Unit:(Coal-tons of 2,000 lb.)(Oil-barrels of 42 gals.)(Gas-M cu.ft.)(Nuclear,indicate)	BBLS		
34	Quantity (units) of fuel consumed	853		
35	Average heat content of fuel (BTU per lb.of coal, per gal.of oil, or per cu.ft. of gas)	139,000	BTU Per Gal	
36	Average cost of fuel per unit, del. f.o.b. plant	3.0830	Per Gal	
37	Average cost of fuel per unit consumed	3.2942	Per Gal	
38	Average cost of fuel consumed per million BTU	23.6991	Per MMBTU	
39	Average cost of fuel consumed per kwh net gen	0.2478	Per Kwh	
40	Average BTU per kwh net generation	10,458	BTU per Kwh	

GENERATING STATION STATISTICS (Large Stations)--Concluded

(Except 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 components 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.
						1
						2
						3
						4
						5
						6
						7
						8
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						10
						11
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STEAM GENERATING STATIONS							
Line No.	Name of Station (a)	Location of Station (b)	Boiler				
			Num. & Yr. Installed (c)	Kind of Fuel & Method of Firing (d)	Rated Pressure in lbs. (e)	Rated Steam Temp. (f)	Rated Max. Cont. M lbs. Steam/Hr (g)
1	NONE						
2							
3							
4							
5							
6							
7							
8							
9							
10							
11							
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45							
46							
47							

STEAM GENERATING STATIONS - Cont.											
Line No.	Year Installed (h)	Type (i)	Steam Pressure at Throttle p.s.i.g. (j)	R.P.M. (k)	Name Plate Rating in Kilowatts		Hydrogen Pressure:		Power Factor (p)	Voltage K.v. (q)	Station Capacity Max Name Plate Rating (r)
					At min. Hydro Prs (l)	At max. Hydro Prs (m)	Min. (n)	Max. (o)			
1	NONE										
2											
3											
4											
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45											
46											
47											
					TOTALS:						

HYDROELECTRIC GENERATING STATIONS							
Line No.	Name of Station (a)	Location of Station (b)	Name of Stream (c)	Water Wheels			
				Attended or Unattended (d)	Type of Unit (e)	Year Install (f)	Gross Static Head with Pond Full (g)
1	Chicopee Hydro	Bridge St.	Chicopee River	Unattended			
2	UNIT #1				Horizontal Kaplan	1983	26.25'
3	UNIT #2				Horizontal Kaplan	1983	26.25'
4							
5							
6							
7							
8							
9							
10							
11							
12							
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22							
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24							
25							
26							
27							
28							

[illegible]

COMBUSTION ENGINE AND OTHER GENERATING STATIONS

(except nuclear stations)

1. Report the information called for concerning generating stations & equipment at end of year. Show associated prime movers and generators on the same line.

2. 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-

			PRIME MOVERS				
Line No.	Name of Station (a)	Location of Station (b)	Diesel or Other Type Engine (c)	Name of Maker (d)	Year Installed (e)	2 or 4 Cycle (f)	Belted or Direct Connected (g)
1	Front St.	Chicopee, MA	Diesel	General Motors	1978	2	Direct
2	Chicopee Hydro	Chicopee, MA	Hydro	ESAC	1983		Direct
3							
4							
5							
6							
7							
8							
9							
10							
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20							
21							
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23							
24							
25							

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.

Specify whether lessee is an associated company.

5. Designate any plant or equipment owned, not operated 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.

[illegible]

TRANSMISSION LINE STATISTICS

Report information concerning transmission line as indicated below.

Line No.	Designation		Operating Voltage (c)	Type of Supportive Structure (d)	Length (Pole Miles)		Number of Circuits (g)	Size of Conductors and Material (h)
	From (a)	To (b)			On Structures of Line Designated (e)	On Structures of Another Line (f)		
1	Fairmont 1638 Line at NU Structure 3079A (@ Ingham St.)	CMLP Memorial 7P Sub	115 kV	Embedded Wood Poles and Steel Poles on Foundations	0.7		1	1590 ACSS
2	Piper 1904 Line at NU Structure 3078A (@ Ingham St.)	CMLP Memorial 7P Sub	115 kV	Embedded Wood Poles and Steel Poles on Foundations	0.7		1	1590 ACSS
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								
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40								
41								
42								
43								
44								
45								
46								
47	TOTALS				1.4	0	2	

* where other than 60 cycle, 3 phase, so indicate.

Annual Report of The City of Chicopee

Year Ended December 31, 2023

SUBSTATIONS

1. Report below the information called for concerning substations of the respondent as of the end of the year.

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

3. Substations with capacities of less than 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.

4. Indicate in column (b) the functional character of each substation, designating 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, jointly 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 lease 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.

Line No.	Name and Location of Substation (a)	Character of Substation (b)	Voltage			Capacity of Substation in kva (In Service) (f)	No. of Xmps In Serv (g)	No. of Spare Xmps (h)	Conversion Apparatus and Special Equipment		
			Primary (c)	Secondary (d)	Tertiary (e)				Type of Equip (i)	Number of Units (j)	Total Capacity (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	115kV	13.8kV		120,000	2	0			
6											
7	Chicopee Hydro	Gen. - Unattended	4.16kV	13.8kV		2,500	1	0			
8											
9											
10											
11											
12											
13											
14											
15											
16											
17											
18											
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21											
22											
23											
24											
25											
26											
27											
28											
29											
30											
31											
32			TOTALS			281,875	7	0			

OVERHEAD DISTRIBUTION LINES OPERATED

Line No.		Length (Pole Miles)		
		Wood Poles	Steel Towers	Total
1	Miles -- Beginning of Year	219.28	0.00	219.28
2	Added During Year	0.04		0.04
3	Retired During Year	0.00		0.00
4	Miles -- End of Year	219.32	0.00	219.32
5	Distribution System Characteristics - AC or DC, Phase, cycles and operating voltages for Light and Power			
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				

ELECTRIC DISTRIBUTION SERVICES, METERS AND LINE TRANSFORMERS

Line No.	Item	Electric Services	Number of Watt-Hour Meters	Line Transformers	
				Number	Total Capacity (kva)
16	Number at beginning of year:	16,411	27,025	3,035	304,722
17	Additions during year	25			
18	Purchased	*****	302	21	3,650
19	Installed	0		*****	*****
20	Associated with utility plant acquired				
21	Total Additions	25	302	21	3,650
22	Reductions during year:				
23	Retirements	2	7	0	0
24	Associated with utility plant sold				
25	Total Reductions	2	7	0	0
26	Number at end of year	16,434	27,320	3,056	308,372
27	In stock		1,653		
28	Locked meters on customers' premises		74		
29	Inactive transformers on system				
30	In customers' use		25,572		
31	In company's use		21	3,056	308,372
32	Number at end of year		27,320	3,056	308,372

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.

Line No.	Designation of Underground System (a)	Miles of Conduit Bank (All Sizes and Types) (b)	Underground Cable		Submarine Cable	
			Miles * (c)	Operating Voltage PRIMARY (d)	Feet * (e)	Operating Voltage SECONDARY (f)
1	1 Conduit Bank	52.338				
2	2 Conduit Bank	16.024				
3	3 Conduit Bank	4.252				
4	4 Conduit Bank	9.148				
5	5 Conduit Bank	0.327				
6	6 Conduit Bank	8.000				
7	7 Conduit Bank	0.019				
8	8 Conduit Bank	1.447				
9	9 Conduit Bank	6.274				
10	10 Conduit Bank	0.770				
11	11 Conduit Bank	0.293				
12	12 Conduit Bank	4.297				
13	13 Conduit Bank	0.016				
14	15 Conduit Bank	0.112				
15	16 Conduit Bank	0.800				
16	20 Conduit Bank	0.734				
17						
18						
19						
20	Manholes: Previous Total 871					
21						
22	Adjustment in 2023 0					
23						
24	Total Manholes 871					
25						
26						
27						
28						
29						
30						
31						
32						
33						
34						
35						
36						
37						
38						
39						
40						
41						
42						
43						
44	TOTALS	104.852				

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.

Line No.	Designation of Underground Distribution System (a)	Miles of Conduit Bank (All sizes and types) (b)	Underground Cable		Underground Cable	
			Miles* (c)	Op. Voltage PRIMARY (d)	Miles* (e)	Op. Voltage SECONDARY (f)
1	800 MCM 1/C Cable	NOTE 3	0.284	NOTE 1 4.16 kV		NOTE 2
2	750 MCM 1/C Cable		0.068			
3	750 MCM 1/C Cable		3.040			
4	500 MCM 3/C Cable		1.699			
5	500 MCM 1/C Cable		37.995		11.208	
6	350 MCM 4/C Cable				1.241	
7	350 MCM 3/C Cable		2.927		0.684	
8	350 MCM 1/C Cable		13.194		12.737	
9	4/0 3/C Cable		1.017		4.050	
10	4/0 1/C Cable		28.499		36.457	
11	1/0 3/C Cable				5.656	
12	1/0 1/C Cable		6.520		31.670	
13	2 1/C Cable		100.979		25.396	
14	4 1/C Cable		1.358		13.696	
15	6 1/C Cable		5.032		52.568	
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				55.853	
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				14.241	
24	#6 2/C Street Light Cable				0.486	
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				1.220	
28	#12 1/C Street Light Cable				7.577	
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		202.612		290.310	

* Indicate number of conductors per cable.

MUNICIPAL and SECURITY LAMPS CONNECTED TO DISTRIBUTION SYSTEM

Line No.	Rated Lamp Wattage (Watts)	Actual Line Wattage (Watts)	Lumens EA	TYPES							
				Incandescent		LED		High Pressure Sodium		Metal Halide	
				Municipal (c)	Security (d)	Municipal (e)	Security (f)	Municipal (g)	Security (h)	Municipal (i)	Security (j)
1	Incandescent			0	0						
2	67	67	635								
3	115	115	1270								
4	150	150	1730								
5	LED					1,883	300				
6	48	48	5571								
7	49	49	4865								
8	58	58	2664								
9	116	116	4188								
10	129	129	13754								
11	140	140	12852								
12	143	143	13891								
	150	150	13500								
13	177	177	18277								
14	215	215	18570								
15	High Pressure Sodium										
16	100	130	8550								
17	150	190	13500								
18	250	295	24750								
19	400	465	44000					0	0		
20	Metal Halide									0	0
21	100	125	6500								
22	250	294	14000								
23	320	366	20500								
24	400	465	22500								
25	1000	1090	82000							0	0
26						1	39				
27	LED Flood Lights										
28	96	96	15000								
29	146	146	20200								
30	196	196	25900								
31	297	297	38700								
37											
38	Total Municipal & Security Lamps =							6,143			
39	Total Line Wattage (watts) =							537,287			
40	Total Municipal & Security Lumens =							58,494,469			
41											
42											
43											
44											
45											
46											
47											
48	TOTALS			0	0	4,854	1,299	0	0	0	0

RATE SCHEDULE INFORMATION

1. Attach copies of all Filed Rates for General Consumers
2. Show below the changes in rate schedules during year and the estimated increase or decrease in annual revenues predicted on the previous year's operations.

Effective Date	M.D.P.U. Number	Rate Schedule	Estimated Effect on Annual Revenues	
			Increases	Decreases
		SEE ATTACHED		

THIS RETURN IS SIGNED UNDER THE PENALTIES OF PERJURY

Mayor

James R. Feller

Manager of Electric Light

Cliff T. ...
David ...

Selectmen
or
Members
of the
Municipal
Light
Board

Joseph ...

SIGNATURES OF ABOVE PARTIES AFFIXED OUTSIDE THE COMMONWEALTH OF MASSACHUSETTS MUST BE PROPERLY SWORN TO

SS

20

Then personally appeared

And severally made oath to the truth of the foregoing statement by them subscribed according to their best knowledge and belief.

Notary Public or
Justice of the Peace

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Purchase Power Adjustment Power

City of Chicopee, Massachusetts
Municipal Lighting Plant

M.D.P.U. No. 109

Cancels M.D.P.U No. 105

Effective Billing: January 1, 2020

Purchase Power Adjustment Clause	
Designation	PPA
Available	In Chicopee, Massachusetts
Applicable	As defined in each of the individual rate schedules filed with Mass. DPU for the City of Chicopee Municipal Lighting Plant.
Definition	The Municipal Lighting Plant will calculate a charge or credit to be applied to all kilowatt-hours sold under the rate schedules subject to the Purchase Power Adjustment Clause. The PPA will be determined annually with the budget and modified as needed to adjust for changes in power and transmission related costs. The PPA may be adjusted as needed for changes to rate stabilization funds. The over collection or under collection of funds will be reviewed periodically and recovered or returned over time.
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	December 23, 2019



Industrial Service
City of Chicopee, Massachusetts
Municipal Lighting Plant

M.D.P.U. No. 119
Cancels M.D.P.U No. 112
Effective Billing: January, 1, 2023

Industrial Service				
Designation	IS			
Available	In Chicopee, Massachusetts			
Applicable	To any manufacturing customer having a consistent demand of 1000 kW or more for all purposes.			
Character of Service	AC; 60 cycles; three phases. Voltage as available.			
Rate	Delivery Services	Customer Charge		\$135.00/Month
		Energy Charge	Distribution On-Peak	2.140¢ / kWh
		Energy Charge	Distribution Off-Peak	1.870¢ / kWh
		Energy Charge	Transmission On-Peak	1.840¢ / kWh
		Energy Charge	Transmission Off-Peak	1.840¢ / kWh
		Demand Charges	Distribution	\$2.15 / kVA
			Transmission	\$4.37 / kVA
	Supply Services	Generation Charge On-Peak		11.085¢ / kWh
		Generation Charge Off-Peak		9.280¢ / kWh
		Purchase Power Adjustment		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 shall be the highest metered 30-minute kW demand during the month.			
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	December 15, 2022			





Large General Service
City of Chicopee, Massachusetts
Municipal Lighting Plant

M.D.P.U. No. 120
Cancels M.D.P.U No. 113
Effective Billing: January 1, 2023

Large General Service				
Designation	LGS			
Available	In Chicopee, Massachusetts			
Applicable	To any commercial customer having a consistent demand of 300 kW or more for all purposes.			
Character of Service	AC; 60 cycles; phase and voltage as available.			
Rate	Delivery Services	Customer Charge		\$135.00/Month
		Energy Charge	Distribution	2.140¢ / kWh
		Energy Charge	Transmission	1.840¢ / kWh
		Demand Charges	Distribution	\$2.15 / kVA
			Transmission	\$4.37 / kVA
	Supply Services	Generation Charge		11.085¢ / kWh
		Purchase Power Adjustment		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 shall be the highest metered 30-minute kW demand during the month.			
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	December 15, 2022			



Large General Service

City of Chicopee, Massachusetts
Municipal Lighting Plant

M.D.P.U. No. 121

Cancels M.D.P.U No. 114

Effective Billing: January 1, 2023

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.		
Rate	Delivery Services	Customer Charge	\$4.00 / Month
		Distribution Charge	1.870¢ / kWh
		Transmission Charge	1.840¢ / kWh
	Supply Services	Generation Charge	10.085¢ / kWh
		Purchase Power Adjustment	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	December 15, 2022		



Small General Service

City of Chicopee, Massachusetts
Municipal Lighting Plant

M.D.P.U. No. 122

Cancels M.D.P.U No. 115

Effective Billing: January 1, 2023

Small General Service			
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	\$10.00 / Month
		Distribution Charge	4.150¢ / kWh
		Transmission Charge	2.610¢ / kWh
	Supply Services	Generation Charge	11.410¢ / kWh
		Purchase Power Adjustment	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	December 15, 2022		



Small General Service

City of Chicopee, Massachusetts
Municipal Lighting Plant

M.D.P.U. No. 123

Cancels M.D.P.U No. 116

Effective Billing: January 1, 2023

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	\$4.00 / Month
		Distribution Charge	3.050¢ / kWh
		Transmission Charge	2.080¢ / kWh
	Supply Services	Generation Charge	10.335¢ / kWh
		Purchase Power Adjustment	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	December 15, 2022		



Residential Service
City of Chicopee, Massachusetts
Municipal Lighting Plant

M.D.P.U. No.124
Cancels M.D.P.U No. 117
Effective Billing: January 1, 2023

Residential Service			
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	Delivery Services	Customer Charge	\$5.60 / Month
		Distribution Charge	4.225¢ / kWh
		Transmission Charge	2.615¢ / kWh
	Supply Services	Generation Charge	11.045¢ / kWh
		Purchase Power Adjustment	per kWh
		Hydro Credit	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	December 15, 2022		





Residential Service

City of Chicopee, Massachusetts
Municipal Lighting Plant

M.D.P.U. No.125

Cancels M.D.P.U No. 118

Effective Billing: January 1, 2023

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 phase, or three phase; voltage as available.		
Rate	Delivery Services	Customer Charge	\$2.00 / Month
		Distribution Charge	3.050¢ / kWh
		Transmission Charge	2.125¢ / kWh
	Supply Services	Generation Charge	10.185¢ / kWh
		Purchase Power Adjustment	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 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	December 15, 2022		

CITY OF CHICOPEE, MASSACHUSETTS
Municipal Lighting Plant***Security and Contract Lighting***

Designation	Security and Contract Lighting
Available	In Chicopee, Massachusetts
Applicable	This rate tariff is applicable to general area land security lighting for all customers. This rate does not apply to specialty lighting installations.

Monthly Charge	Fixture Type	Monthly Charge
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High Pressure Sodium Fixture

100W Cobra Head	\$11.00
250W Cobra Head	\$16.50
250W Floodlight	\$17.50
400W Cobra Head	\$26.00
400W Floodlight	\$26.00

Metal Halide Fixture

250W Cobra Head	\$17.50
250W Floodlight	\$18.50
320W Floodlight	\$22.00
400W Cobra Head	\$27.00
400W Floodlight	\$27.00
1000W Floodlight	\$46.00

LED Fixture

48W Cobra Head	\$ 9.50
129W Cobra Head	\$14.50
177W Cobra Head	\$18.50
96W Floodlight	\$14.50
146W Floodlight	\$16.50
196W Floodlight	\$20.50
297W Floodlight	\$30.50

Wood Pole	\$ 1.00
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General Terms and Conditions	A \$325.00 per pole charge will be added upfront for each required pole installation Minimum contract is for two (2) years' service. Contract agreement must be signed prior to installation. Service hereunder is subject to the General Terms and Conditions which are incorporated as part of this rate
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Filed December 15, 2022

CITY OF CHICOPEE MUNICIPAL LIGHTING PLANT

725 Front Street

Chicopee, Massachusetts 01020

(413) 598-8311

<http://www.celd.com>



Street Light Schedule Rate

City of Chicopee, Massachusetts
Municipal Lighting Plant

M.D.P.U. No.127

Cancels M.D.P.U. No. 103
Effective Billing: July 1, 2023

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	12.99¢ 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	December 15 2022