

**** REVISED ****

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,

2015

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

Jeffrey R. Cady

Official title: General Manager

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

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GENERAL INFORMATION

1.	Name of town (or city) making report.	CHICOPEE
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:	Jeffrey R. Cady Chicopee Electric Light Department 725 Front Street Chicopee, MA 01020-1778
4.	Name and address of mayor or selectmen:	Richard J. Kos City Hall Market Square Chicopee, MA 01013
5.	Name and address of town (or city) treasurer:	Marie T. Laflamme City Hall Market Square Chicopee, MA 01013
6.	Name and address of town (or city) clerk:	Keith Rattell City Hall Market Square Chicopee, MA 01013
7.	Names and addresses of members of municipal light board:	Carl E. Sittard Robert L. Pajak Joseph F. Pasternak, III, Chairman
8.	Total valuation of estates in town (or city) according to last State valuation (taxable)	\$3,729,040,780
9.	Tax rate for all purposes during the year:	\$ 16.91/1000 Res. \$31.17/1000 Comm.
10.	Amount of manager's salary:	\$159,551
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, 2015

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	51,696,365.00
3		
4		
	TOTAL	51,696,365.00
5 EXPENSES		
6	For operation, maintenance and repairs	49,895,076.00
7	For interest on bonds, notes or scrip	
8	For depreciation fund (2.5710% 80,187,779.79 as per page 8B)	2,061,633.00
9	For sinking fund requirements	-
10	For note payments	-
11	For bond payments	-
12	For loss in preceding year	-
13		
	TOTAL	51,956,709.00
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	2,328,462.00
19	Of electricity to be used for street lights	347,418.00
20	Total of above items to be included in the tax levy	2,675,880.00
21		
22	New construction to be included in the tax levy	-
23	Total amounts to be included in the tax levy	2,675,880.00

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	25,575
		Contract Lt. Customers	54
TOTAL	0	TOTAL	25,629

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 | 347,418 |
| 2. Municipal buildings | 2,328,462 |
| 3. | |

TOTAL 2,675,880

* 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:

- \$ 4,000 was invested in hydraulic production plant
- \$ 6,000 was invested in other production plant
- \$ - was invested in transmission plant
- \$ 934,000 was invested in upgrading the distribution plant
- \$ 760,000.00 was invested in general plant as follows:
 - 182,000 for property improvements
 - for office equipment
 - 262,000 for transportation equipment
 - 37,000 for communication equipment.
 - 34,000 for shop, laboratory and miscellaneous equipment.
 - 245,000 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		Rate	Interest When Payable	Amount Outstanding at End of Year
			Amounts	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

Annual Report of The City of Chicopee

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								TOTAL
									2,665,500

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

TOTAL COST OF PLANT - ELECTRIC							
1. Report below the cost of utility plant in service according to prescribed accounts		2. Do not include as adjustments, corrections of additions and retirements for the current or the preceding year. Such items should be included in column (c) or (d) as appropriate.		effect of such amounts.			
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)	Retirements (d)	Adjustments (e)	Transfers (f)	Balance End of Year (g)
1	1. INTANGIBLE PLANT						
2	303 Misc Intangible Plant	2,825,000.00					2,825,000.00
3							
4		2,825,000.00					2,825,000.00
5							
6	2. PRODUCTION PLANT						
7	A. Steam Production						
8	Land and Land Rights						
9	Structures and Improvements						
10	Boiler Plant Equipment						
11	Engines and Engine Driven Generators						
12	Turbogenerator Units						
13	Accessory Electric Equipment						
14	Miscellaneous Power Plant Equipment						
15	Total Steam Production Plant						
16	B. Nuclear Production Plant						
17	Land and Land Rights						
18	Structures and Improvements						
19	Reactor Plant Equipment						
20	Turbogenerator Units						
21	Accessory Electric Equipment						
22	Miscellaneous Power Plant Equipment						
	Total Nuclear Production Plant						

Annual Report of The City of Chicopee

Year Ended December 31, 2015

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	-	371,361.50				371,361.50
3	331 Structures and Improvements						
4	332 Reservoirs, Dams and Waterways	1,871,951.27	3,926.18				1,875,877.45
5	333 Water Wheels, Turbines and Generators						
6	334 Accessory Electric Equipment						
7	335 Miscellaneous Power Plant Equipment						
8	336 Roads, Railroads and Bridges						
9	Total Hydraulic Production Plant	1,871,951.27	375,287.68	-	-	-	2,247,238.95
10	D. Other Production Plant						
11	340 Land and Land Rights	667,139.30					667,139.30
12	341 Structures and Improvements	128,110.46					128,110.46
13	342 Fuel Holders, Producers and Accessories						
14	343 Prime Movers						
15	344 Generators	1,755,361.80	5,592.00				1,760,953.80
16	345 Accessory Electric Equipment	460,599.51					460,599.51
17	346 Miscellaneous Power Plant Equipment						
18	Total Other Production Plant	3,011,211.07	5,592.00	-	-	-	3,016,803.07
19	Total Production Plant	4,883,162.34	380,879.68	-	-	-	5,264,042.02
20	3. Transmission Plant						
21	350 Land and Land Rights	257,393.43					257,393.43
22	351 Clearing Land and Rights of Way						
23	352 Structures and Improvements						
24	353 Station Equipment	1,773,121.95					1,773,121.95
25	354 Towers and Fixtures	538,872.37					538,872.37
26	355 Poles and Fixtures	897,608.22					897,608.22
27	356 Overhead Conductors and Devices	582,964.12					582,964.12
28	357 Underground Conduit	222,894.10					222,894.10
29	358 Underground Conductors and Devices	72,333.17					72,333.17
30	359 Roads and Trails	119,384.58					119,384.58
31	Total Transmission Plant	4,464,571.94	-	-	-	-	4,464,571.94

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	153,805.04					153,805.04
3	361 Structures and Improvements	30,556.76					30,556.76
4	362 Station Equipment	9,890,581.43	72,629.06				9,963,210.49
5	363 Storage Battery Equipment						
6	364 Poles Towers and Fixtures	3,157,674.33	50,634.18	(6,289.31)			3,202,019.20
7	365 Overhead Conductors and Devices	10,544,077.87	279,979.96				10,824,057.83
8	366 Underground Conduit	5,717,887.88	98,520.37				5,816,408.25
9	367 Underground Conductors and Devices	6,428,901.07	59,726.87	(3,886.86)			6,484,741.08
10	368 Line Transformers	6,835,080.93	185,743.83	(1,655.00)			7,019,169.76
11	369 Services	2,376,010.11	28,870.28				2,404,880.39
12	370 Meters	2,796,510.92	106,843.85	(75,931.01)			2,827,423.76
13	371 Installations on Customer's Premises	6,953.41					6,953.41
14	372 Leased Prop on Customer's Premises	1,047,202.36	29,189.08	(94,673.18)			981,718.26
15	373 Streetlight and Signal Systems	1,320,477.25	21,885.12	(21,206.86)			1,321,155.51
16	Total Distribution Plant	50,305,719.36	934,022.60	(203,642.22)			51,036,099.74
17	5. GENERAL PLANT						
18	389 Land and Land Rights	24,503.06					24,503.06
19	390 Structures and Improvements	7,295,290.86	182,166.15	(18,830.55)			7,458,626.46
20	391 Office Furniture and Equipment	394,737.85	0.10	(208,447.58)			186,290.37
21	392 Transportation Equipment	2,128,525.04	262,271.00	(66,088.11)			2,324,707.93
22	393 Stores Equipment	102,932.82					102,932.82
23	394 Tools, Shop and Garage Equipment	479,914.58	9,246.00				489,160.58
24	395 Laboratory Equipment	329,647.15	24,850.00				354,497.15
25	396 Power Operated Equipment						
26	397 Communication Equipment	3,100,799.73	36,776.35				3,137,576.08
27	398 Miscellaneous Equipment	61,747.75					61,747.75
28	399 Other Tangible Property	3,020,117.00	244,969.92				3,265,086.92
29	Total General Plant	16,938,215.84	760,279.52	(293,366.24)			17,405,129.12
30	Total Electric Plant in Service	79,416,669.48	2,075,181.80	(497,008.46)			80,994,842.82
31						Total Cost of Electric Plant.....	80,994,842.82
33						Less Cost of Land, Land Rights, Rights of Way.....	807,063.03
34						Total Cost upon which Depreciation is based	80,187,779.79

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)	37,657,849.16	39,538,336.68	1,880,487.52
3	101	Utility Plant - Gas (P. 20)			
4	121	Nuclear Fuel Millstone #3			
5		Total Utility Plant	37,657,849.16	39,538,336.68	1,880,487.52
6					
7					
8					
9					
10					
11		FUND ACCOUNTS			
12	124	Investment - Hydro Quebec II	32,676.77	32,676.77	-
13	125	Sinking Funds			
14	126	Depreciation Fund (P. 14)	19,997,745.85	21,073,373.16	1,075,627.31
15	128	Other Special Funds	19,140,418.02	19,211,072.73	70,654.71
16		Total Funds	39,170,840.64	40,317,122.66	1,146,282.02
17		CURRENT AND ACCRUED ASSETS			
18	131	Cash (P. 14)	4,066,109.85	3,025,875.84	(1,040,234.01)
19	132	Special Deposits	1,198,651.23	1,213,457.69	14,806.46
20	135	Working Funds	2,000.00	2,000.00	-
21	134	Other Special Deposits	892,127.47	984,294.22	92,166.75
22	141	Notes Receivable			
23	142	Customer Accounts Receivable	5,455,921.52	4,829,756.07	(626,165.45)
24	143	Other Accounts Receivable	280,650.67	587,105.06	306,454.39
25	146	Receivables from Municipality			
26	151	Materials and Supplies (P. 14)	2,017,980.96	2,191,615.76	173,634.80
27	165	Prepayments	4,794,665.81	4,734,967.05	(59,698.76)
28	171	Interest/Dividend Receivable	141,754.55	127,248.86	(14,505.69)
29	174	Miscellaneous Current Assets			
30		Total Current and Accrued Assets	18,849,862.06	17,696,320.55	(1,153,541.51)
31		DEFERRED DEBITS			
32	181	Unamortized Debt Discount			
33	182	Extraordinary Property Losses	9,472,713.10	8,604,983.62	(867,729.48)
34	183	Preliminary Survey & Investment Chgs	1,861.50	-	(1,861.50)
35	185	Other Deferred Debits			
36	186	Misc. Deferred Debits		1,708,507.00	1,708,507.00
37		Total Deferred Debits	9,474,574.60	10,313,490.62	838,916.02
38					
39		Total Assets and Other Debits	105,153,126.46	107,865,270.51	2,712,144.05
L-14		Reserve Fund - Liability	1,380,423.42	407.17	(1,380,016.25)
		Reserve Fund - Rate Stabilization	13,683,532.04	15,149,325.25	1,465,793.21
		Reserve Fund - Retirement	3,952,463.56	3,937,341.31	(15,122.25)
		Reserve Fund - Other	123,999.00	123,999.00	-
			19,140,418.02	19,211,072.73	70,654.71
L-19		Bond Interest: US Bank	54,354.08	54,357.37	3.29
		Braintree Watson -PPD Fund	179,458.19	167,578.80	(11,879.39)
		Westover Fund	620,888.67	724,925.64	104,036.97
		Swift River Hydro Operations Co Inc	25,000.00	25,000.00	-
		Other Miscellaneous Special Deposits	12,426.53	12,432.41	5.88
			892,127.47	984,294.22	92,166.75
L-26		Prepaid Insurance	9,101.25	7,055.34	(2,045.91)
		MMWEC - PASNY	272,954.83	272,954.83	-
		MMWEC FUND -WORKING CAPITAL	3,504,708.10	3,504,708.10	-
		Prepaid Postage & Misc.	1,007,901.63	950,248.78	(57,652.85)
			4,794,665.81	4,734,967.05	(59,698.76)

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)	74,526,200.44	70,690,865.13	(3,835,335.31)
8	Total Surplus	74,526,200.44	70,690,865.13	(3,835,335.31)
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	4,848,092.74	3,846,771.54	(1,001,321.20)
15	234 Payables to Municipality			
16	235 Customers' Deposits	1,162,082.87	1,164,310.87	2,228.00
17	236 Taxes Accrued			
18	237 Interest Accrued	1,257.69	1,248.85	(8.84)
19	242 Miscellaneous Current and Accrued Liabilities	1,099,262.33	1,290,278.99	191,016.66
20	Total Current and Accrued Liabilities	7,110,695.63	6,302,610.25	(808,085.38)
21	DEFERRED CREDITS			
22	251 Unamortized Premium on Debt			-
23	252 Customer Advances for Construction			-
24	253 Other Deferred Credits	14,547,133.98	17,172,547.74	2,625,413.76
25	Total Deferred Credits	14,547,133.98	17,172,547.74	2,625,413.76
26	RESERVES			
27	260 Reserves for Uncollectible Accounts	322,220.00	331,000.00	8,780.00
28	261 Property Insurance Reserve			-
29	262 Injuries and Damages Reserves	-	-	-
30	263 Pensions and Benefits Reserves	3,835,649.51	10,596,320.39	6,760,670.88
31	265 Miscellaneous Operating Reserves			
32	Total Reserves	4,157,869.51	10,927,320.39	6,769,450.88
33	CONTRIBUTIONS IN AID OF CONSTRUCTION			
34	271 Contributions in Aid of Construction	4,811,226.90	2,771,927.00	(2,039,299.90)
35	Total Liabilities and Other Credits	105,153,126.46	107,865,270.51	2,712,144.05

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	156,886.50	175,500.41	18,613.91
Sales Tax Payable	63,946.04	55,172.26	(8,773.78)
In Lieu Of Tax	382,500.00	382,500.00	-
Misc Curr & Accr Lia	495,929.79	677,106.32	181,176.53
	1,099,262.33	1,290,278.99	191,016.66

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)	55,186,407.14	(166,202.65)
3	Operating Expenses:		
4	401 Operation Expense (p. 42)	50,101,396.31	(694,432.17)
5	402 Maintenance Expense (p.42)	1,553,755.67	6,174.76
6	403 Depreciation Expense	1,990,967.56	65,559.38
7	407 Amortization of Property Losses	867,729.48	-
8		-	-
9	408 Taxes (P. 49)	-	-
10	Total Operating Expenses	54,513,849.02	(622,698.03)
11	Operating Income	672,558.12	456,495.38
	412 Rental Income - Hot Water Tanks	37,648.40	(14,582.93)
12	414 Other Utility Operating Income (P. 50)		
13			
14	Total Operating Income	710,206.52	441,912.45
15	OTHER INCOME		
16	415 Income from Merchandising, Jobbing, and Contract Work (P. 51)	274,633.05	(98,411.43)
17	419 Interest Income	997,848.26	(41,050.12)
18	421 Miscellaneous Nonoperating Income (P. 21)	(579,799.70)	(642,826.70)
19	Total Other Income	692,681.61	(782,288.25)
20	Total Income	1,402,888.13	(340,375.80)
21	MISCELLANEOUS INCOME DEDUCTIONS		
22	425 Miscellaneous Amortization		
23	426 Other Income Deductions (P. 21)	34,966.49	(8,712.08)
24	Total Income Deductions	34,966.49	(8,712.08)
25	Income Before Interest Charges	1,367,921.64	(331,663.72)
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	2,451.85	171.31
31	432 Interest: Charged to Construction - Credit		
32	Total Interest Charges	2,451.85	171.31
33	NET INCOME	1,365,469.79	(331,835.03)

EARNED SURPLUS

Line No.	Account (a)	Debits (b)	Credits (c)
34	216 Unappropriated Earned Surplus (at beginning of period)		74,526,200.44
35			
36			
37	433 Balance Transferred from Income	-	1,365,469.79
38	434 Miscellaneous Credits to Surplus (P. 21)		2,039,299.90
39	435 Miscellaneous Debits to Surplus (P. 21)	6,500,105.00	
40	436 Appropriations of Surplus (P. 21)	740,000.00	
41	437 Surplus Applied to Depreciation		
42	216 Unappropriated Earned Surplus (at end of period)	70,690,865.13	
43			
44	TOTALS	77,930,970.13	77,930,970.13

CASH BALANCES AT END OF YEAR (Account 131)		
Line No.	Items (a)	Amount (b)
1	Operation Fund	3,025,875.84
2		
3		
4		
5		
6		
7		
8		
9		
10		
11		
12	TOTAL	3,025,875.84

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)	50,945.12	
14	Fuel Stock Expenses (Account 152)		
15	Residuals (Account 153)		
16	Plant Materials and Operating Supplies (Account 154 (151))	2,140,670.64	
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	2,191,615.76	

DEPRECIATION FUND ACCOUNT (Account 126)

Line No.	(a)	Amount (b)
24	DEBITS	
25	Balance of account at beginning of year	19,997,745.85
26	Income during year from balance on deposit (interest)	208,931.31
27	Amount transferred from income (depreciation)	2,866,696.00
28		
29	TOTAL	23,073,373.16
30	CREDITS	
31	Amount expended for construction purposes (Sec. 57,C.164 of G.L.)	2,000,000.00
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	21,073,373.16
40	TOTAL	23,073,373.16

UTILITY PLANT - ELECTRIC							
1. Report below the cost of utility plant in service according to prescribed accounts	Account (a)	Balance Beginning of Year (b)	Additions (c)	Depreciation (d)	Other Credits (e)	Adjustments Transfers (f)	Balance End of Year (g)
2. Do not include as adjustments, corrections of additions and retirements for the current or the preceding year. Such items should be included in column (c).							
3. Credit adjustments of plant accounts should be enclosed in parentheses to indicate the negative effect of such amounts.							
4. Reclassifications or transfers within utility plant accounts should be shown in column (f).							
Line No.							
1	1. INTANGIBLE PLANT						
2	303 Misc Intangible Plant	-					
3							
4							
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	-					

Annual Report of The City of Chicopee

Year Ended December 31, 2015

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	-	371,361.50				371,361.50
3	331 Structures and Improvements						
4	332 Reservoirs, Dams and Waterways	1,809,903.11	3,926.18	(93,597.60)			1,720,231.69
5	333 Water Wheels, Turbines and Generators						
6	334 Accessory Electric Equipment						
7	335 Miscellaneous Power Plant Equipment						
8	336 Roads, Railroads and Bridges						
9	Total Hydraulic Production Plant	1,809,903.11	375,287.68	(93,597.60)	-	-	2,091,593.19
10	D. Other Production Plant						
11	340 Land and Land Rights	608,809.13	-	(20,014.20)			588,794.93
12	341 Structures and Improvements	39,807.62	-	(6,405.60)			33,402.02
13	342 Fuel Holders, Producers and Accessories						
14	343 Prime Movers						
15	344 Generators	92,125.29	5,592.00	(5,220.36)			92,496.93
16	345 Accessory Electric Equipment	287,756.35	-	(13,818.00)			273,938.35
17	346 Miscellaneous Power Plant Equipment						
18	Total Other Production Plant	1,028,498.39	5,592.00	(45,458.16)	-	-	988,632.23
19	Total Production Plant	2,838,401.50	380,879.68	(139,055.76)	-	-	3,080,225.42
20	3. Transmission Plant						
21	350 Land and Land Rights	257,393.43	-				257,393.43
22	351 Clearing Land and Rights of Way						
23	352 Structures and Improvements						
24	353 Station Equipment	1,722,030.27	-	(53,193.60)			1,668,836.67
25	354 Towers and Fixtures	522,717.25		(16,166.28)			506,550.97
26	355 Poles and Fixtures	870,702.18		(26,928.24)			843,773.94
27	356 Overhead Conductors and Devices	565,497.40		(17,488.92)			548,008.48
28	357 Underground Conduit	216,207.22		(6,686.88)			209,520.34
29	358 Underground Conductors and Devices	70,163.21		(2,169.96)			67,993.25
30	359 Roads and Trails	115,992.18		(3,581.52)			112,410.66
31	Total Transmission Plant	4,340,703.14	-	(126,215.40)	-	-	4,214,487.74

Annual Report of The City of Chicopee

Year Ended December 31, 2015

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	153,805.04		(916.68)			153,805.04
3	361 Structures and Improvements	10,399.16					9,482.48
4	362 Station Equipment	8,452,742.57	72,629.06	(242,822.88)		19,408.95	8,301,957.70
5	363 Storage Battery Equipment						
6	364 Poles Towers and Fixtures	1,839,076.58	50,634.18	(94,730.40)		6,078.84	1,801,059.20
7	365 Overhead Conductors and Devices	4,437,114.83	279,979.96	(316,322.16)	(13,098.17)	32,579.43	4,420,253.89
8	366 Underground Conduit	2,659,128.59	98,520.37	(86,147.64)	(3,274.54)	13,391.96	2,681,618.74
9	367 Underground Conductors and Devices	1,878,493.72	59,726.87	(88,006.08)		8,830.29	1,859,044.80
10	368 Line Transformers	3,334,377.49	185,743.83	(205,052.76)		40.68	3,315,109.24
11	369 Services	449,371.92	28,870.28	(15,773.52)		683.56	463,152.24
12	370 Meters	873,559.73	106,843.85	(55,053.60)			925,349.98
13	371 Installations on Customer's Premises						
14	372 Leased Prop on Customer's Premises	432,138.85	29,189.08	(55,926.12)	(4,400.94)	3,972.31	404,973.18
15	373 Streetlight and Signal Systems	174,960.12	21,885.12	(9,199.68)	(9,059.60)	3,325.92	181,911.88
16	Total Distribution Plant	24,695,168.60	934,022.60	(1,169,951.52)	(29,833.25)	88,311.94	24,517,718.37
17	5. GENERAL PLANT						
18	389 Land and Land Rights	24,503.06	-				24,503.06
19	390 Structures and Improvements	2,953,672.63	182,166.15	(136,176.84)			2,999,661.94
20	391 Office Furniture and Equipment	30,595.76	0.10	(4,552.90)			26,042.96
21	392 Transportation Equipment	623,604.47	262,271.00	(126,615.13)	(1,910.47)		757,349.87
22	393 Stores Equipment	27,445.11	-	(5,834.76)			21,610.35
23	394 Tools, Shop and Garage Equipment	96,644.90	9,246.00	(27,637.05)			78,253.85
24	395 Laboratory Equipment	68,186.42	24,850.00	(11,164.16)			81,872.26
25	396 Power Operated Equipment	897,944.94	36,776.35	(161,563.83)			773,157.46
26	397 Communication Equipment	0.00					0.00
27	398 Miscellaneous Equipment	379,601.90	244,969.92	(82,200.21)			542,371.61
28	399 Other Tangible Property	5,102,199.19	760,279.52	(555,744.88)	(1,910.47)	-	5,304,823.36
29	Total General Plant	36,976,472.43	2,075,181.80	(1,990,967.56)	(31,743.72)	88,311.94	37,117,254.89
30	Total Electric Plant in Service						
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	681,376.73	1,739,705.06				2,421,081.79
34	Total Utility Plant Electric	37,657,849.16	3,814,886.86	(1,990,967.56)	(31,743.72)	88,311.94	39,538,336.68

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)
1	On Hand Beginning of Year	79,040.96	26,015	79,040.96	
2	Received During Year	146,431.32	65,046	146,431.32	
3	TOTAL	225,472.28	91,061	225,472.28	
4	Used During Year (Note A)				
5	Generator Fuel	174,527.16	67,822	174,527.16	
6					
7					
8					
9					
10					
11	Sold or Transferred				
12	TOTAL DISPOSED OF	174,527.16	67,822	174,527.16	
13	BALANCE END OF YEAR	50,945.12	23,239	50,945.12	

Line No.	Item (g)	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	639.53
2	Miscellaneous Nonoperating Income -Others	67,882.24
3	Miscellaneous Nonoperating Income -Net Gains/Disp of Investments	(239,502.66)
4	Miscellaneous Nonoperating Income -Net Unrealized Gains/Losses of Investments	(408,818.81)
5		
6	TOTAL	(579,799.70)
OTHER INCOME DEDUCTIONS (Account 426)		
Line No.	Item (a)	Amount (b)
7	Donations	34,966.49
8		
9		
10		
11		
12		
13		
14	TOTAL	34,966.49
MISCELLANEOUS CREDITS TO SURPLUS (Account 434)		
Line No.	Item (a)	Amount (b)
15	Adjustment to Contributions in Aid of Construction	(2,039,299.90)
16		
17		
18		
19		
20		
21		
22		
23	TOTAL	(2,039,299.90)
MISCELLANEOUS DEBITS TO SURPLUS (Account 435)		
Line No.	Item (a)	Amount (b)
24	Adjustment for Pension Liability per <u>GASB 68</u>	6,500,105.00
25		
26		
27		
28		
29		
30		
31		
32	TOTAL	6,500,105.00
APPROPRIATIONS OF SURPLUS (Account 436)		
Line No.	Item (a)	Amount (b)
33	In Lieu of Tax Payment - City of Chicopee	740,000.00
34		
35		
36		
37		
38		
39		
40	TOTAL	740,000.00

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)	20,518,027	2,489,291.86	12.1322
6					
7					
8					
9					
10					
11					
12		TOTALS	20,518,027	2,489,291.86	12.1322
13	444-1	Street Lighting:	3,447,258	356,791.21	10.3500
14					
15					
16					
17					
18		TOTALS	3,447,258	356,791.21	10.3500
19		TOTALS	23,965,285	2,846,083.07	11.8759

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	56,159,643	7,053,297.97	12.5594
21	P.A.S.N.Y.	Chicopee, MA 115 KV	22,610,061	291,177.29	1.2878
22	Ameresco	Chicopee, MA 13.8 KV	46,100,670	2,117,532.57	4.5933
23	Chicopee Solar, LLC	Chicopee, MA 13.8 KV	4,689,281	256,544.92	5.4709
24	Chicopee River Solar, LLC	Chicopee, MA 13.8 KV	2,784,792	165,883.00	5.9567
25	Chicopee Granby Road Solar, LLC	Chicopee, MA 13.8 KV	2,237,929	133,620.14	5.9707
26	Braintree Watson	Chicopee, MA 115 KV	4,034,023	1,764,797.38	43.7478
27	Energy New England / Dominion	Chicopee, MA 115 KV	-	295,000.00	-
28	MMWEC	Chicopee, MA 115 KV	320,380,750	20,477,562.22	6.3916
29	Ashuelot Hydro	Chicopee, MA 115 KV	3,310,308	189,287.53	5.7181
30	Eagle Creek Hydro	Chicopee, MA 115 KV	7,287,581	384,784.24	5.2800
31					
32					
33					
34					
35					
36					
			469,595,038	33,129,487.26	7.0549

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)

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.

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.

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

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	Residential Sales	24,781,943.32	823,951.26	196,671,673	3,697,713	22,986	362		
3	Commercial and Industrial Sales	25,032,636.19	572,081.62	207,205,504	3,860,504	2,411	(36)		
4	Small Commercial B Sales								
5	Large Commercial C Sales								
6	Municipal Sales	2,846,083.07	132,849.73	23,965,285	944,518	164	(1)		
7	Other Sales to Public Authorities								
	Federal								
	State	2,339,244.52	(46,051.89)	22,809,052	(83,341)	5	(1)		
8	Sales to Railroads and Railways	1,629,990.93	(17,645.48)	13,189,625	65,117	76	(1)		
9	Interdepartmental Sales								
10	Miscellaneous Sales - Rate Stabilization	(2,600,000.00)	(1,900,000.00)						
11	Total Sales to Ultimate Consumers	54,029,898.03	(434,814.76)	463,841,139	8,484,511	25,642	323		
12	Sales for Resale		(115,968.00)				0		
13	Total Sales of Electricity	54,029,898.03	(550,782.76)	463,841,139	8,484,511	25,642	323		
14	OTHER OPERATING REVENUES								
15	Forfeited Discounts								
16	Miscellaneous Service Revenues	42,921.81	6,043.98						
17	Sales of Water and Water Power	52,545.00	(1,520.00)						
18	Rent from Electric Property								
19	Interdepartmental Rents	224,326.59	20,693.15						
20	Other Electric Revenues								
21	Miscellaneous Revenues	836,715.71	359,362.98						
22									
23									
24									
25	Total Other Operating Revenues	1,156,509.11	384,580.11						
26	Total Electric Operating Revenue	55,186,407.14	(166,202.65)						

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	196,671,673	24,781,943.32	12.60000	22,954	22,974
2	442	Commercial & Industrial	207,205,504	25,032,636.19	12.08000	2,405	2,394
3							
4	444	Municipal	23,965,285	2,846,083.07	11.88000	164	164
5							
6	445	Other Sales to Public Authorities:					
7		Federal	22,809,052	2,339,244.52	10.28000	5	5
8		State	13,189,625	1,629,990.93	12.36000	75	77
9							
10	449	Miscellaneous Sales					
11		Rate Stabilization		(2,600,000.00)			
12							
13							
14							
15							
16							
17							
18							
19							
20							
TOTAL SALES TO ULTIMATE CONSUMERS (page 37 Line 11)			463,841,139	54,029,898.03	11.65000	25,603	25,614

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	231,104.45	6,585.44
46	538 Electric expenses		
47	539 Miscellaneous hydraulic power generation expenses		
48	540 Rents		
49	Total Operation	231,104.45	6,585.44

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 of 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	231,104.45	6,585.44
10	OTHER POWER GENERATION		
11	Operation:		
12	546 Operation supervision and engineering		
13	547 Fuel	174,527.16	(286,608.34)
14	548 Generation Expenses	2,106.61	(4,322.39)
15	549 Miscellaneous other power generation expense		
16	550 Rents		
17	Total Operation	176,633.77	(290,930.73)
18	Maintenance:		
19	551 Maintenance supervision and engineering		
20	552 Maintenance of Structures		
21	553 Maintenance of generating and electric plant	46,582.50	(52,264.19)
22	554 Maintenance of miscellaneous other power generation plant		
23	Total Maintenance	46,582.50	(52,264.19)
24	Total power production expenses - other power	223,216.27	(343,194.92)
25	OTHER POWER SUPPLY EXPENSES		
26	555 Purchased power	33,129,487.26	(59,358.49)
27	556 System control and load dispatching		
28	557 Other expenses	528,481.54	(193,377.98)
29	Total other power supply expenses	33,657,968.80	(252,736.47)
30	Total power production expenses	34,112,289.52	(589,345.95)
31	TRANSMISSION EXPENSES		
32	Operation:		
33	560 Operation supervision and engineering	18,373.72	(26,293.37)
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	8,540,053.57	661,251.57
39	566 Miscellaneous transmission expenses		
40	567 Rents		
41	Total Operation	8,558,427.29	634,958.20
42	Maintenance:		
43	568 Maintenance supervision and engineering		
44	569 Maintenance of structures	6,670.67	(9,394.97)
45	570 Maintenance of station equipment		
46	571 Maintenance of overhead lines		
47	572 Maintenance of underground lines		
48	573 Maintenance of miscellaneous transmission plant		
48	574 Maintenance of transmission plant	38,633.68	31,861.67
49	Total maintenance	45,304.35	22,466.70
50	Total transmission expenses	8,603,731.64	657,424.90

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	595,088.20	76,197.43
4	581 Load dispatching (Operation Labor)	-	-
5	582 Station expenses	485,376.96	63,612.18
6	583 Overhead line expenses	813,822.95	122,001.59
7	584 Underground line expenses	32,898.86	(18,727.90)
8	585 Street lighting and signal system expenses	59,621.83	(2,298.86)
9	586 Meter expenses	370,736.26	53,717.90
10	587 Customer installations expenses	180,922.70	47,198.66
11	588 Miscellaneous distribution expenses	230,669.46	(5,293.05)
12	589 Rents	393.88	(406.12)
13	Total operation	2,769,531.10	336,001.83
14	Maintenance:		
15	590 Maintenance supervision and engineering	2,287.67	(1,313.79)
16	591 Maintenance of structures	230,616.42	37,080.82
17	592 Maintenance of station equipment	872,896.10	80,165.90
18	593 Maintenance of overhead lines	39,606.69	27,542.83
19	594 Maintenance of underground lines	10,261.44	(82.29)
20	595 Maintenance of line transformers	1,495.61	(797.41)
21	596 Maintenance of street lighting and signal systems	16,002.45	(831.03)
22	597 Maintenance of meters		
23	598 Maintenance of miscellaneous distribution plant		
24	Total maintenance	1,173,166.38	141,765.03
25	Total distribution expenses	3,942,697.48	477,766.86
26	CUSTOMER ACCOUNTS EXPENSES		
27	Operation:		
28	901 Supervision	280,487.71	41,081.11
29	902 Meter reading expenses	1,704,288.65	207,426.44
30	903 Customer records and collection expenses	205,210.91	32,132.48
31	904 Uncollectible accounts		
32	905 Miscellaneous customer accounts expenses	371,112.18	(201,652.66)
	908 Customer assistance expenses	18,471.91	(6,472.93)
	909 Informational/Instruct expenses		
33	Total customer accounts expenses	2,579,571.36	72,514.44
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	1,147,793.46	216,522.40
44	921 Office supplies and expenses	194,935.39	1,666.41
45	922 Administrative expenses transferred - Cr		
46	923 Outside services employed	83,600.30	(8,944.39)
47	924 Property insurance	115,997.00	(657.11)
48	925 Injuries and damages	280,765.11	77,508.93
49	926 Employee pensions and benefits	64,704.75	(1,535,271.15)
50	928 Regulatory commission expenses		
51	929 Store Expense		
52	930 Miscellaneous general expenses	235,674.60	42,301.24
53	931 Rents	4,688.93	(310.31)
54	Total operation	2,128,159.54	(1,207,183.98)

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.	2,128,159.54	(1,207,183.98)
2	Maintenance:		
3	935 Maintenance of general plant	288,702.44	(46,243.59)
	933 Maintenance of transportation equipment	-	(59,549.19)
		288,702.44	(105,792.78)
4	Total administrative and general expenses	2,416,861.98	(1,312,976.76)
5	Total Electric Operation and Maintenance Expenses	51,655,151.98	(694,616.51)

SUMMARY OF ELECTRIC OPERATION AND MAINTENANCE EXPENSES

Line No.	Functional Classification (a)	Operation (b)	Maintenance (c)	Total (d)
6	Power Production Expenses			
7	Electric Generation:			
8	Steam Power:			
9	Nuclear Power			
10	Hydraulic Power	231,104.45		231,104.45
11	Other Power	176,633.77	46,582.50	223,216.27
12	Other Power Supply Expenses	33,657,968.80		33,657,968.80
13	Total power production expenses	34,065,707.02	46,582.50	34,112,289.52
14	Transmission Expenses	8,558,427.29	45,304.35	8,603,731.64
15	Distribution Expenses	2,769,531.10	1,173,166.38	3,942,697.48
16	Customer Accounts Expenses	2,579,571.36		2,579,571.36
17	Sales Expenses	-		-
18	Administrative and General Expenses	2,128,159.54	288,702.44	2,416,861.98
19	Total Electric Operation and			
20	Maintenance Expenses	50,101,396.31	1,553,755.67	51,655,151.98

21 Ratio of operating expenses to operating revenues 98.78%
 (carry out decimal two places, (e.g. 0.00%)
 Compute by dividing Revenues (Acct 400) into the sum of Operation
 and Maintenance Expenses (Page 42, line 20 (d), Depreciation (Acct 403)
 and Amortization (Acct 407)

22 Total salaries and wages of electric department for year, including
 amounts charged to operating expenses, construction and other
 accounts. 5,134,494

23 Total number of employees of electric department at end of year
 including administrative, operating, maintenance, construction and
 other employees (including part-time employees) 70

TAXES CHARGED DURING THE YEAR

- | | | |
|---|---|--|
| <p>1. This schedule is intended to give the account distribution of total taxes charged to operations and other final accounts during the year.</p> <p>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</p> | <p>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.</p> <p>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.</p> | <p>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.</p> <p>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.</p> |
|---|---|--|

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									
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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					
2					
3					
4					
5					
6					
7					
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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,	455,792.72			455,792.72
3	allowances and returns				
4	Contract work				
5	Commissions				
6	Other (list according to major classes)				
7					
8					
9					
10	Total Revenues	455,792.72			455,792.72
11					
12					
13	Costs and Expenses:				
14	Cost of sales (list according to major				
15	classes of cost)				
16	Jobbing/Contract Costs	181,159.67			181,159.67
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					
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42					
43					
44					
45					
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47					
48					
49					
50	TOTAL COSTS AND EXPENSES	181,159.67			181,159.67
51	Net Profit (or loss)	274,633.05			274,633.05

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
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								30
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								32
								33
								34
								35
								36
	TOTALS:	0	0.00	0.00	0	0		37

**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	22,610,061	179,936	111,241		291,177	1.2878	No. 1
60 Minute	13.8 KV	46,100,670		2,117,533		2,117,533	4.5933	No. 2
60 Minute	13.8 KV	3,310,308		189,288		189,288	5.7181	No. 3
60 Minute	13.8 KV	4,689,281		256,545		256,545	5.4709	No. 4
60 Minute	13.8 KV	2,784,792		165,883		165,883	5.9567	No. 5
60 Minute	13.8 KV	2,237,929		133,620		133,620	5.9707	No. 6
60 Minute	13.8 KV	4,034,023	1,366,897	397,900		1,764,797	43.7478	No. 7
60 Minute	13.8 KV	7,287,581		384,784		384,784	5.2800	No. 8
60 Minute	13.8 KV		295,000			295,000	0.0000	No. 9
60 Minute	13.8 KV	320,380,750		20,477,562		20,477,562	6.3916	No. 10
								No. 11
								No. 12
								No. 13
								No. 14
								No. 15
								No. 16
								No. 17
								No. 18
								No. 19
								No. 20
								No. 21
								No. 22
								No. 23
								No. 24
								No. 25
								No. 26
								No. 27
								No. 28
								No. 29
								No. 30
								No. 31
								No. 32
								No. 33
								No. 34
								No. 35
								No. 36
								No. 37
								No. 38
								No. 39
								No. 40
								No. 41
	TOTALS:	413,435,395	1,841,833	24,234,356	0	26,076,189	6.3072	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	61,915,964	(5,756,321)	56,159,643	\$ 7,053,298
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12	TOTALS				61,915,964	(5,756,321)	56,159,643	7,053,298

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	7,699,783
14		Energy Delivered to ISO NE	(646,485)
15			
16			
17			
18			
19			
20			
21	TOTAL		7,053,298

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		7,126,203
6	Other		926,782
7	Total Generation		8,052,985
8	Purchases		413,435,395
9		(In (gross)	61,915,964
10	Interchanges	< Out (gross)	(5,756,321)
11		(Net (Kwh)	
12		(Received	0
13	Transmission for/by others (wheeling)	< Delivered	0
14		(Net (Kwh)	
15	TOTAL		477,648,023
16	DISPOSITION OF ENERGY		
17	Sales to ultimate consumers (including interdepartmental sales)		463,841,139
18	Sales for resale		
19	Energy furnished without charge		
20	Energy used by the company (excluding station use):		
21	Electric department only		1,247,192
22	Energy losses		
23	Transmission and conversion losses		6,929,887
24	Distribution losses		5,629,805
25	Unaccounted for losses		
26	Total energy losses		12,559,692
27	Energy losses as percent of total on line 15	2.63%	
28		TOTAL	477,648,023

MONTHLY PEAKS AND OUTPUT

- Report hereunder the information called for pertaining to simultaneous peaks 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 as to the nature of the emergency.
- 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					Type of Reading (f)	Monthly Output (kwh) (See Instr. 4) (g)
		Kilowatts (b)	Day of Week (c)	Day of Month (d)	Hour (e)			
29	January.....	84,018	Wed.	7	7:00 PM	Watt Meter	47,441,289	
30	February.....	81,969	Tue.	24	7:00 PM	Watt Meter	45,360,850	
31	March.....	77,046	Tue.	3	7:00 PM	Watt Meter	43,170,647	
32	April.....	64,005	Thu.	9	9:00 PM	Watt Meter	33,986,334	
33	May.....	77,271	Wed.	27	5:00 PM	Watt Meter	35,383,048	
34	June.....	80,936	Tue.	23	4:00 PM	Watt Meter	37,079,831	
35	July.....	92,103	Wed.	29	5:00 PM	Watt Meter	44,045,817	
36	August.....	91,390	Tues.	18	2:00 PM	Watt Meter	44,658,388	
37	September.....	94,263	Tues.	8	5:00 PM	Watt Meter	38,937,676	
38	October.....	60,650	Mon.	19	8:00 PM	Watt Meter	34,074,534	
39	November.....	68,817	Mon.	30	6:00 PM	Watt Meter	34,820,116	
40	December.....	69,134	Tues.	29	6:00 PM	Watt Meter	38,689,493	
41		60 Minutes Integrated Peak				TOTAL	477,648,023	

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	2,080 KW	
6	Net peak demand on plant-kilowatts (60 min.)	8,250 KW	2,007 KW	
7	Plant hours connected to load			
8	Net continuous plant capability,kilowatts:			
9	(a) When not limited by condenser water	N/A	N/A	
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	926,782	7,126,203	
13	Cost of plant (omit cents):			
14	Land and land rights		371,362	
15	Structures and improvements	667,139		
16	Reservoirs, dams, and waterways		1,875,877	
17	Equipment costs	2,349,664		
18	Roads, railroads, and bridges			
19	Total cost	3,016,803	2,247,239	
20	Cost per kw of installed capacity	366	1,080	
21	Production expenses:			
22	Operation supervision and engineering			
23	Station labor			
24	Fuel	174,527		
25	Supplies and expenses, including water	2,107	231,104	
26	Maintenance	46,583		
27	Rents			
28	Steam from other sources			
29	Steam transfered- Credit			
30	Total production expenses p.40 line 24	223,216	231,104	
31	Expenses per net Kwh (5 places)	0.24085	0.03243	
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	1,615		
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	2.2512	Per Gal	
37	Average cost of fuel per unit consumed	2.5733	Per Gal	
38	Average cost of fuel consumed per million BTU	18.5130	Per MMBTU	
39	Average cost of fuel consumed per kwh net gen	0.1883	Per Kwh	
40	Average BTU per kwh net generation	10,172	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
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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-

Line No.	Name of Station (a)	Location of Station (b)	PRIME MOVERS				
			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							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							
23							
24							
25							

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								
15								
16								
17								
18								
19								
20								
21								
22								
23								
24								
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26								
27								
28								
29								
30								
31								
32								
33								
34								
35								
36								
37								
38								
39								
40								
41								
42								
43								
44								
45								
46								
47	TOTALS				1.4	0	2	

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

SUBSTATIONS

- | | | |
|---|---|--|
| <p>1. Report below the information called for concerning substations of the respondent as of the end of the year.</p> <p>2. Substations which serve but one industrial or street railway customer should not be listed hereunder.</p> <p>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.</p> | <p>4. Indicate in column (b) the functional character of each substation, designating whether transmission or distribution and whether attended or unattended.</p> <p>5. Show in columns (f), (g), and (h) special equipment such as rotary converters, rectifiers, condensers, etc. and auxiliary equipment for increasing capacity.</p> <p>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</p> | <p>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.</p> |
|---|---|--|

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	Chicopee Hydro	Gen. - Unattended	4.16kV	13.8kV		2,500	1	0			
7											
8											
9											
10											
11											
12											
13											
14											
15											
16											
17											
18											
19											
20											
21											
22											
23											
24											
25	NOTES:										
26	1. Memorial 7P Substation also includes transmission assets - i.e. 115 kV through path (Pool Transmission Facilities)										
27	2. WARB Substation retired by end of calendar year - removed from list (Line #4 above)										
28	3. CMLP took ownership of Chicopee Hydro Plant on 4/1/13										
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	217.77	0.00	217.77
2	Added During Year	1.09		1.09
3	Retired During Year	0.67		0.67
4	Miles -- End of Year	218.19	0.00	218.19
5				
6				
7				
8	Distribution System Characteristics - AC or DC, Phase, cycles and operating voltages for Light and Power			
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:	16,289	26,906	2,976	289,351.0
17	Additions during year	13			
18	Purchased	*****	1,018	29	7,075.0
19	Installed	0		*****	*****
20	Associated with utility plant acquired			0	0.0
21	Total Additions	13	1,018	29	7,075.0
22	Reductions during year:				
23	Retirements	11	940	1	1,000.0
24	Associated with utility plant sold			0	0.0
25	Total Reductions	11	940	1	1,000.0
26	Number at end of year	16,291	26,984	3,004	295,426.0
27	In stock		1,330		
28	Locked meters on customers' premises		61		
29	Inactive transformers on system				
30	In customers' use		25,575		
31	In company's use		18	3,004	295,426.0
32	Number at end of year		26,984	3,004	295,426.0

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	49.588				
2	2 Conduit Bank	14.938				
3	3 Conduit Bank	4.152				
4	4 Conduit Bank	8.645				
5	5 Conduit Bank	0.313				
6	6 Conduit Bank	7.958				
7	7 Conduit Bank	0.017				
8	8 Conduit Bank	1.447				
9	9 Conduit Bank	6.236				
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	858				
21						
22	Adjustment in 2015	0				
23						
24	Total Manholes	858				
25						
26						
27						
28						
29						
30						
31						
32						
33						
34						
35						
36						
37						
38						
39						
40						
41						
42						
43						
44	TOTALS	100.316				

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		NOTE 2
2	750 MCM 1/C Cable		0.068	4.16 kV		
3	750 MCM 1/C Cable		3.040			
4	500 MCM 3/C Cable		1.731			
5	500 MCM 1/C Cable		37.786		11.133	
6	350 MCM 4/C Cable				1.250	
7	350 MCM 3/C Cable		2.927		0.659	
8	350 MCM 1/C Cable		12.579		11.775	
9	4/0 3/C Cable		0.147		3.852	
10	4/0 1/C Cable		18.813		35.431	
11	1/0 3/C Cable				5.710	
12	1/0 1/C Cable		6.520		29.936	
13	2 1/C Cable		100.761		25.510	
14	4 1/C Cable		1.358		14.098	
15	6 1/C Cable		5.032		52.188	
16	8 1/C Cable				0.347	
17	14 1/C & 12 2/C Cable				2.854	
18	4/0, 1/0, 2, 4, 6, 8 Bare				54.093	
19	#4/0 1/C Street Light Cable				0.263	
20	#2/0 1/C Street Light Cable				0.120	
21	#1/0 1/C Street Light Cable				2.196	
22	#2 1/C Street Light Cable				2.157	
23	#4 1/C Street Light Cable				14.196	
24	#6 2/C Street Light Cable				0.496	
25	#6 1/C Street Light Cable				1.081	
26	#8 1/C Street Light Cable				6.552	
27	#10 1/C Street Light Cable				1.102	
28	#12 1/C Street Light Cable				6.420	
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		191.046		283.419	

* 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											
2	67	67	635	0	0							
3	115	115	1270	0	0							
4	150	150	1730	0	0							
5	LED											
6	48	48	5571									
7	49	49	4865			1,210	14					
8	58	58	2664			204	0					
9	116	116	4188			2	0					
10	129	129	13754									
11	140	140	12852			45						
12	143	143	13891			461	1					
13	177	177	18277									
14	215	215	18570			135						
15	High Pressure Sodium											
16	100	130	8550					1,998	285			
17	150	190	13500					40	0			
18	250	295	24750					714	591			
19	400	465	44000					80	140			
20	Metal Halide											
21	100	125	6500							2	0	
22	250	294	14000							0	91	
23	320	366	20500							8	58	
24	400	465	22500							2	44	
25	1000	1090	82000							4	10	
26												
27												
28												
29												
30												
31												
37												
38	Total Municipal & Security Lamps =						6,139					
39	Total Line Wattage (watts) =						1,052,906					
40	Total Municipal & Security Lumens =						82,870,924					
41												
42												
43												
44												
45												
46												
47												
48	TOTALS			0	0	2,057	15	2,832	1,016	16	203	

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

John R. Cady

Manager of Electric Light

Paul Paul
James J. [unclear]
Chas E. Sittel

Selectmen
or
Members
of the
Municipal
Light
Board

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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Effective Billing: January 1, 2010

CITY OF CHICOPEE, MASSACHUSETTS
Municipal Lighting Plant

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 phase. Voltage as available.		
Rate	<u>Delivery Services</u>	Customer Charge	\$135.00/Month
		<i>Energy Charge</i> Distribution On-Peak	1.54¢ / kWh
		<i>Energy Charge</i> Distribution Off-Peak	1.36¢ / kWh
		<i>Demand Charges</i> Distribution	\$2.15 / kVA
		Transmission	\$4.37 / kVA
	<u>Supply Services</u>	Generation Charge On-Peak	7.60¢ / kWh
		Generation Charge Off-Peak	5.95¢ / 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 23, 2009		

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

(413) 598-8311

<http://www.celd.com>

M.D.P.U. No: 88
Cancels Mass. DTE No. 81
Effective Billing: January 1, 2010

CITY OF CHICOPEE, MASSACHUSETTS
Municipal Lighting Plant

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; three phase. Voltage as available.																		
Rate	<table><tr><td><u>Delivery Services</u></td><td>Customer Charge</td><td>\$135.00/Month</td></tr><tr><td></td><td>Energy Charge</td><td>Distribution 1.54¢ / kWh</td></tr><tr><td></td><td>Demand Charges</td><td>Distribution \$2.15 / kVA</td></tr><tr><td></td><td></td><td>Transmission \$4.37 / kVA</td></tr><tr><td><u>Supply Services</u></td><td>Generation Charge</td><td>7.60¢ / kWh</td></tr><tr><td></td><td>Purchase Power Adjustment</td><td>per kWh</td></tr></table>	<u>Delivery Services</u>	Customer Charge	\$135.00/Month		Energy Charge	Distribution 1.54¢ / kWh		Demand Charges	Distribution \$2.15 / kVA			Transmission \$4.37 / kVA	<u>Supply Services</u>	Generation Charge	7.60¢ / kWh		Purchase Power Adjustment	per kWh
<u>Delivery Services</u>	Customer Charge	\$135.00/Month																	
	Energy Charge	Distribution 1.54¢ / kWh																	
	Demand Charges	Distribution \$2.15 / kVA																	
		Transmission \$4.37 / kVA																	
<u>Supply Services</u>	Generation Charge	7.60¢ / 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 23, 2009																		

CITY OF CHICOPEE MUNICIPAL LIGHTING PLANT
725 Front Street
Chicopee, Massachusetts 01020
(413) 598-8311
<http://www.celd.com>

Effective Billing: January 1, 2010

CITY OF CHICOPEE, MASSACHUSETTS
Municipal Lighting Plant

Large General Service - Off Peak Heating and Water Heating Service

Designation	LGSO		
Available	In Chicopee, Massachusetts		
Applicable	To any commercial customer having a water heater of a type approved by the Plant for off peak storage water heating and during the hours specified by the Plant. Where the customer also has all-electric heating, this rate schedule applies to the entire electric consumption of such customer during the specified off peak hours.		
Character of Service	AC; 60 cycles; phase and voltage as available.		
Rate	<u>Delivery Services</u>	Customer Charge	\$4.00 / Month
		Distribution Charge	1.36¢ / kWh
		Transmission Charge	0.385¢ / kWh
	<u>Supply Services</u>	Generation Charge	6.50¢ / 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 23, 2009		

CITY OF CHICOPEE MUNICIPAL LIGHTING PLANT
 725 Front Street
 Chicopee, Massachusetts 01020
 (413) 598-8311
<http://www.celd.com>

M.D.P.U. No. 90
Cancels Mass. DTE No. 82
Effective Billing: January 1, 2010

CITY OF CHICOPEE, MASSACHUSETTS
Municipal Lighting Plant

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	<table><tr><td><u>Delivery Services</u></td><td>Customer Charge</td><td>\$10.00 / Month</td></tr><tr><td></td><td>Distribution Charge</td><td>3.470¢ / kWh</td></tr><tr><td></td><td>Transmission Charge</td><td>1.408¢ / kWh</td></tr><tr><td><u>Supply Services</u></td><td>Generation Charge</td><td>7.60¢ / kWh</td></tr><tr><td></td><td>Purchase Power Adjustment</td><td>per kWh</td></tr></table>	<u>Delivery Services</u>	Customer Charge	\$10.00 / Month		Distribution Charge	3.470¢ / kWh		Transmission Charge	1.408¢ / kWh	<u>Supply Services</u>	Generation Charge	7.60¢ / kWh		Purchase Power Adjustment	per kWh
<u>Delivery Services</u>	Customer Charge	\$10.00 / Month														
	Distribution Charge	3.470¢ / kWh														
	Transmission Charge	1.408¢ / kWh														
<u>Supply Services</u>	Generation Charge	7.60¢ / 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 23, 2009															

CITY OF CHICOPEE MUNICIPAL LIGHTING PLANT
725 Front Street
Chicopee, Massachusetts 01020
(413) 598-8311
<http://www.celd.com>

M.D.P.U. No. 91

Cancels Mass. DTE No. 83

Effective Billing: January 1, 2010

CITY OF CHICOPEE, MASSACHUSETTS
Municipal Lighting Plant

Small General Service - Off Peak Heating and Water Heating Service

Designation	SGSO		
Available	In Chicopee, Massachusetts		
Applicable	To any commercial customer having a water heater of a type approved by the Plant for off peak storage water heating and during the hours specified by the Plant. Where the customer also has all-electric heating, this rate schedule applies to the entire electric consumption of such customer during the specified off peak hours.		
Character of Service	AC; 60 cycles; phase and voltage as available.		
Rate	<u>Delivery Services</u>	Customer Charge	\$4.00 / Month
		Distribution Charge	1.93¢ / kWh
		Transmission Charge	0.454¢ / kWh
	<u>Supply Services</u>	Generation Charge	7.60¢ / 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 23, 2009		

CITY OF CHICOPEE MUNICIPAL LIGHTING PLANT
725 Front Street
Chicopee, Massachusetts 01020
(413) 598-8311
<http://www.celd.com>

M.D.P.U. No. 92
Cancels Mass. DTE No. 84
Effective Billing: January 1, 2010

CITY OF CHICOPEE, MASSACHUSETTS
Municipal Lighting Plant

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	<table><tr><td><u>Delivery Services</u></td><td>Customer Charge</td><td>\$5.60 / Month</td></tr><tr><td></td><td>Distribution Charge</td><td>2.97¢ / kWh</td></tr><tr><td></td><td>Transmission Charge</td><td>1.408¢ / kWh</td></tr><tr><td><u>Supply Services</u></td><td>Generation Charge</td><td>7.60¢ / kWh</td></tr><tr><td></td><td>Purchase Power Adjustment</td><td>per kWh</td></tr><tr><td></td><td>Hydro Credit</td><td>per kWh</td></tr></table>	<u>Delivery Services</u>	Customer Charge	\$5.60 / Month		Distribution Charge	2.97¢ / kWh		Transmission Charge	1.408¢ / kWh	<u>Supply Services</u>	Generation Charge	7.60¢ / kWh		Purchase Power Adjustment	per kWh		Hydro Credit	per kWh
<u>Delivery Services</u>	Customer Charge	\$5.60 / Month																	
	Distribution Charge	2.97¢ / kWh																	
	Transmission Charge	1.408¢ / kWh																	
<u>Supply Services</u>	Generation Charge	7.60¢ / 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 23, 2009																		

CITY OF CHICOPEE MUNICIPAL LIGHTING PLANT
725 Front Street
Chicopee, Massachusetts 01020
(413) 598-8311
<http://www.celd.com>

M.D.P.U. No. 93
Cancels Mass. DTE No. 85
Effective Billing: January 1, 2010

CITY OF CHICOPEE, MASSACHUSETTS
Municipal Lighting Plant

Residential Off Peak Heating and Water Heating Service

Designation RO

Available In Chicopee, Massachusetts

Applicable To any residential customer having a water heater of a type approved by the Plant for off peak storage water heating and during the hours specified by the Plant. Where the customer also has all electric heating, this rate schedule applies to the entire electric consumption of such customer during the specified off peak hours.

Character of Service AC; 60 cycles; single phase, or three phase; voltage as available.

Rate

<u>Delivery Services</u>	Customer Charge	\$2.00 / Month
	Distribution Charge	1.82¢ / kWh
	Transmission Charge	0.573¢ / kWh
<u>Supply Services</u>	Generation Charge	7.60¢ / 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 23, 2009

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M.D.P.U. No. 94
Cancels M.D.P.U. No. 86
Effective Billing: January 1, 2010

CITY OF CHICOPEE, MASSACHUSETTS
Municipal Lighting Plant

Purchase Power Adjustment Clause

Designation	PPA
Available	In Chicopee, Massachusetts
Applicable	As defined in each of the individual rate schedules filed with Mass. DTE for the City of Chicopee Municipal Lighting Plant.
Definition	Average Purchased Power Costs - \$0.08820/kWh (Purchased Power Base Cost) The difference between the average Purchased Power Cost for the preceding quarter and the Purchased Power Base Cost as defined herein. The resulting charge or credit will be billed on a per kilowatt-hour basis as applicable
Base Cost	\$0.08820/kWh.
General Terms and Conditions	Service hereunder is subject to the General Terms and Conditions which are incorporated as a part of this adjustment clause.
Filed	December 23, 2009

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