

Annual Report of The City of Chicopee

Year Ended December 31, 2011

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,

2011

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:	Michael D. Bissonnette City Hall Market Square Chicopee, MA 01013
5.	Name and address of town (or city) treasurer:	Ernest Laflamme, Jr. 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:	Chester T. Gazda , Chairman Robert L. Pajak Carl E. Sittard
8.	Total valuation of estates in town (or city) according to last State valuation (taxable)	\$3,631,755,730
9.	Tax rate for all purposes during the year:	\$ 14.93/1000 Res. \$ 30.83/1000 Comm.
10.	Amount of manager's salary:	\$141,755
11.	Amount of manager's bond:	None
12.	Amount of salary paid to members of municipal light board (each):	None

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Year Ended December 31, 2011

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	55,504,882.00
3		TOTAL 55,504,882.00
4		
5 EXPENSES		
6	For operation, maintenance and repairs	51,593,862.00
7	For interest on bonds, notes or scrip	
8	For depreciation fund (3.6407% 65,106,824.50 as per page 8B)	2,370,372.00
9	For sinking fund requirements	-
10	For note payments	-
11	For bond payments	-
12	For loss in preceding year	-
13		TOTAL 53,964,234.00
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	2,323,376.00
19	Of electricity to be used for street lights	404,608.00
20	Total of above items to be included in the tax levy	2,727,984.00
21		
22	New construction to be included in the tax levy	-
23	Total amounts to be included in the tax levy	2,727,984.00

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	25,508
		Contract Lt. Customers	55
		55	
		55	
		55	
		55	
TOTAL	0	TOTAL	25,563

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 404,608

2. Municipal buildings 2,323,376

3.

TOTAL 2,727,984

* 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:

\$ 30,000 was invested in other production plant

\$ 545,000 was invested in upgrading the distribution plant

\$ 350,000 was invested in general plant as follows:

27,000 for property improvements

9,000 for office equipment

223,000 for transportation equipment

51,000 for communication equipment.

5,000 for shop, laboratory and miscellaneous equipment.

35,000 for information systems equipment

In gas property:

Not applicable

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	Revenue Bond	Anticipation Notes			
Jan 06, 1983	Jan 26, 1983	330,000	Revenue Bond	Anticipation Notes			
Jan 06, 1983	Feb 25, 1983	375,000	Revenue Bond	Anticipation Notes			
Jan 06, 1983	Mar 25, 1983	470,000	Revenue Bond	Anticipation Notes			
Jan 06, 1983	Apr 26, 1983	515,000	Revenue Bond	Anticipation Notes			
	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

TOTAL COST OF PLANT - ELECTRIC							
1.	Report below the cost of utility plant in service according to prescribed accounts	Balance	Additions	Retirements	Adjustments	Transfers	Balance
2.	Do not include as adjustments, corrections of additions and retirements for the current or the	Beginning of Year	(c)	(d)	(e)	(f)	End of Year
		(b)					(g)
1	1. INTANGIBLE PLANT						
2	303 Misc Intangible Plant	2,825,000.00					###
3							
4		2,825,000.00	-	-	-	-	2,825,000.00
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	-	###	-	-	-	-

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.
 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).

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						
3	331 Structures and Improvements						
4	332 Reservoirs, Dams and Waterways						
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	-	###	-	-	-	-
10	D. Other Production Plant						
11	340 Land and Land Rights						
12	341 Structures and Improvements	41,062.41					###
13	342 Fuel Holders, Producers and Accessories	117,349.96	10,760.50				128,110.46
14	343 Prime Movers						
15	344 Generators	1,720,680.87					###
16	345 Accessory Electric Equipment	438,343.94	19,080.63				457,424.57
17	346 Miscellaneous Power Plant Equipment						
18	Total Other Production Plant	2,317,437.18	29,841.13	-	-	-	2,347,278.31
19	Total Production Plant	2,317,437.18	29,841.13	-	-	-	2,347,278.31
20	3. Transmission Plant						
21	350 Land and Land Rights						
22	351 Clearing Land and Rights of Way						
23	352 Structures and Improvements						
24	353 Station Equipment						
25	354 Towers and Fixtures						
26	355 Poles and Fixtures						
27	356 Overhead Conductors and Devices						
28	357 Underground Conduit						
29	358 Underground Conductors and Devices						
30	359 Roads and Trails						
31	Total Transmission Plant	-	###	-	-	-	-

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					###
3	361 Structures and Improvements	30,556.76					###
4	362 Station Equipment	5,483,513.00	14,925.00				5,498,438.00
5	363 Storage Battery Equipment						
6	364 Poles Towers and Fixtures	3,071,425.77	44,606.90	(9,322.79)			3,106,709.88
7	365 Overhead Conductors and Devices	10,182,423.85	49,091.63	(505.44)			10,231,010.04
8	366 Underground Conduit	4,699,669.80	29,294.29				4,728,964.09
9	367 Underground Conductors and Devices	6,063,534.55	93,393.74				6,156,928.29
10	368 Line Transformers	6,632,474.20	130,583.46	(71,062.83)			6,691,994.83
11	369 Services	2,230,515.42	24,105.58				2,254,621.00
12	370 Meters	2,682,838.34	88,493.25	(79,301.51)			2,692,030.08
13	371 Installations on Customer's Premises	6,953.41					###
14	372 Leased Prop on Customer's Premises	1,441,832.33	65,826.35	(271,275.90)			1,236,382.78
15	373 Streetlight and Signal Systems	1,465,729.83	5,340.01	(213,634.83)			1,257,435.01
16	Total Distribution Plant	44,145,272.30	545,660.21	(645,103.30)	-	-	44,045,829.21
17	5. GENERAL PLANT						
18	389 Land and Land Rights	24,503.06					###
19	390 Structures and Improvements	7,202,180.43	26,657.96				7,228,838.39
20	391 Office Furniture and Equipment	364,839.86	9,162.00				374,001.86
21	392 Transportation Equipment	1,720,838.13	223,238.10	(15,700.00)			1,928,376.23
22	393 Stores Equipment	88,742.33					###
23	394 Tools, Shop and Garage Equipment	338,432.36	4,490.00				342,922.36
24	395 Laboratory Equipment	266,621.59					###
25	396 Power Operated Equipment						
26	397 Communication Equipment	2,807,251.55	51,005.69				2,858,257.24
27	398 Miscellaneous Equipment	61,747.75					###
28	399 Other Tangible Property	2,857,920.64	35,093.63				2,893,014.27
29	Total General Plant	15,733,077.70	349,647.38	(15,700.00)	-	-	16,067,025.08
30	Total Electric Plant in Service	65,020,787.18	925,148.72	(660,803.30)	-	-	65,285,132.60
31	Total Cost of Electric Plant.....						65,285,132.60
33	Less Cost of Land, Land Rights, Rights of Way.....						178,308.10
34	Total Cost upon which Depreciation is based						65,106,824.50

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)	29,369,774.43	28,041,152.88	(1,328,621.55)
3	101 Utility Plant - Gas (P. 20)			
4	121 Nuclear Fuel Millstone #3			
5	Total Utility Plant	29,369,774.43	28,041,152.88	(1,328,621.55)
6				
7				
8				
9				
10				
11	FUND ACCOUNTS			
12	124 Investment - Hydro Quebec II	68,887.92	59,987.06	(8,900.86)
13	125 Sinking Funds			
14	126 Depreciation Fund (P. 14)	19,635,429.10	23,710,381.88	4,074,952.78
15	128 Other Special Funds	11,595,579.50	14,971,259.17	3,375,679.67
16	Total Funds	31,299,896.52	38,741,628.11	7,441,731.59
17	CURRENT AND ACCRUED ASSETS			
18	131 Cash (P. 14)	804,838.51	2,367,231.00	1,562,392.49
19	132 Special Deposits	954,754.43	1,023,584.85	68,830.42
20	135 Working Funds	1,500.00	2,000.00	500.00
21	134 Other Special Deposits	533,303.22	505,819.41	(27,483.81)
22	141 Notes Receivable			
23	142 Customer Accounts Receivable	7,122,818.86	4,759,751.04	(2,363,067.82)
24	143 Other Accounts Receivable	1,250,659.84	2,417,295.50	1,166,635.66
25	146 Receivables from Municipality			
26	151 Materials and Supplies (P. 14)	1,667,213.45	1,727,451.47	60,238.02
27	165 Prepayments	3,325,819.56	3,417,190.08	91,370.52
28	171 Interest/Dividend Receivable	154,658.63	236,097.79	81,439.16
29	174 Miscellaneous Current Assets			
30	Total Current and Accrued Assets	15,815,566.50	16,456,421.14	640,854.64
31	DEFERRED DEBITS			
32	181 Unamortized Debt Discount			
33	182 Extraordinary Property Losses	12,943,631.02	12,075,901.54	(867,729.48)
34	183 Preliminary Survey & Investment Chgs	241,380.22	253,225.55	11,845.33
35	185 Other Deferred Debits			-
	186 Misc. Deferred Debits	-	-	-
	Total Deferred Debits	13,185,011.24	12,329,127.09	(855,884.15)
	Total Assets and Other Debits	89,670,248.69	95,568,329.22	5,898,080.53
L-14	Reserve Fund - Liability	1,947,453.35	2,065,507.90	118,054.55
	Reserve Fund - Rate Stabilization	6,354,030.61	9,418,674.50	3,064,643.89
	Reserve Fund - Retirement	3,170,096.54	3,363,077.77	192,981.23
	Reserve Fund - Other	123,999.00	123,999.00	-
		11,595,579.50	14,971,259.17	3,375,679.67
L-19	Bond Interest: State St. Bank	54,336.66	54,336.66	-
	Braintree Watson -PPD Fund	261,845.14	130,916.18	(130,928.96)
	Westover Fund	204,701.04	308,146.19	103,445.15
	Other Miscellaneous Special Deposits	12,420.38	12,420.38	-
		533,303.22	505,819.41	(27,483.81)
L-26	Prepaid Insurance	8,408.79	3,608.28	(4,800.51)
	MMWEC - PASNY	226,607.00	227,746.00	1,139.00
	MMWEC FUND -WORKING CAPITAL	2,500,000.00	2,500,000.00	-
	Prepaid Postage & Misc.	590,803.77	685,835.80	95,032.03
		3,325,819.56	3,417,190.08	91,370.52

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)	68,198,311.59	69,873,880.98	1,675,569.39
8	Total Surplus	68,198,311.59	69,873,880.98	1,675,569.39
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	4,868,922.75	5,130,815.65	261,892.90
15	234 Payables to Municipality			
16	235 Customers' Deposits	945,829.98	1,010,838.64	65,008.66
17	236 Taxes Accrued			
18	237 Interest Accrued	3,877.30	2,722.56	(1,154.74)
19	242 Miscellaneous Current and Accrued Liabilities	462,928.57	427,462.83	(35,465.74)
20	Total Current and Accrued Liabilities	6,281,558.60	6,571,839.68	290,281.08
21	DEFERRED CREDITS			
22	251 Unamortized Premium on Debt			-
23	252 Customer Advances for Construction			-
24	253 Other Deferred Credits	7,381,434.80	10,205,241.90	2,823,807.10
25	Total Deferred Credits	7,381,434.80	10,205,241.90	2,823,807.10
26	RESERVES			
27	260 Reserves for Uncollectible Accounts	284,000.00	395,000.00	111,000.00
28	261 Property Insurance Reserve			-
29	262 Injuries and Damages Reserves	1,000,000.00	1,000,000.00	-
30	263 Pensions and Benefits Reserves	1,713,716.80	2,711,139.76	997,422.96
31	265 Miscellaneous Operating Reserves			
32	Total Reserves	2,997,716.80	4,106,139.76	1,108,422.96
33	CONTRIBUTIONS IN AID OF CONSTRUCTION			
34	271 Contributions in Aid of Construction	4,811,226.90	4,811,226.90	-
35	Total Liabilities and Other Credits	89,670,248.69	95,568,329.22	5,898,080.53

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	79,098.56	80,833.05	1,734.49
Sales Tax Payable	68,625.33	54,697.44	(13,927.89)
In Lieu Of Tax	287,500.00	287,500.00	-
Misc Curr & Accr Lia	27,704.68	4,432.34	(23,272.34)
	462,928.57	427,462.83	(35,465.74)

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)	54,775,031.09	(957,540.29)
3	Operating Expenses:		
4	401 Operation Expense (p. 42)	49,566,499.72	(1,023,202.04)
5	402 Maintenance Expense (p.42)	1,412,257.19	387,039.43
6	403 Depreciation Expense	2,373,887.52	(79,905.48)
7	407 Amortization of Property Losses	867,729.48	-
8			
9	408 Taxes (P. 49)	-	-
10	Total Operating Expenses	54,220,373.91	(716,068.09)
11	Operating Income	554,657.18	(241,472.20)
12	414 Other Utility Operating Income (P. 50)		
13			
14	Total Operating Income	554,657.18	(241,472.20)
15	OTHER INCOME		
16	415 Income from Merchandising, Jobbing, and Contract Work (P. 51)	528,208.04	(103,713.48)
	418 Rental Income - Hot Water Tanks	104,742.99	(6,623.38)
17	419 Interest Income	900,946.10	153,524.68
18	421 Miscellaneous Nonoperating Income (P. 21)	842,286.01	386,443.39
19	Total Other Income	2,376,183.14	429,631.21
20	Total Income	2,930,840.32	188,159.01
21	MISCELLANEOUS INCOME DEDUCTIONS		
22	425 Miscellaneous Amortization		
23	426 Other Income Deductions (P. 21)	22,992.96	1,659.92
24	Total Income Deductions	22,992.96	1,659.92
25	Income Before Interest Charges	2,907,847.36	186,499.09
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	3,135.97	(1,778.85)
31	432 Interest: Charged to Construction - Credit		
32	Total Interest Charges	3,135.97	(1,778.85)
33	NET INCOME	2,904,711.39	188,277.94

EARNED SURPLUS

Line No.	Account (a)	Debits (b)	Credits (c)
34	216 Unappropriated Earned Surplus (at beginning of period)		68,198,311.59
35			
36			
37	433 Balance Transferred from Income	629,142.00	2,904,711.39
38	434 Miscellaneous Credits to Surplus (P. 21)		
39	435 Miscellaneous Debits to Surplus (P. 21)	600,000.00	
40	436 Appropriations of Surplus (P. 21)		
41	437 Surplus Applied to Depreciation		
42	208 Unappropriated Earned Surplus (at end of period)	69,873,880.98	
43			
44	TOTALS	71,103,022.98	71,103,022.98

CASH BALANCES AT END OF YEAR (Account 131)		
Line No.	Items (a)	Amount (b)
1	Operation Fund	2,367,231.00
2		
3		
4		
5		
6		
7		
8		
9		
10		
11		
12	TOTAL	2,367,231.00

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)	71,848.77	
14	Fuel Stock Expenses (Account 152)		
15	Residuals (Account 153)		
16	Plant Materials and Operating Supplies (Account 154 (151))	1,655,602.70	
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	1,727,451.47	

DEPRECIATION FUND ACCOUNT (Account 126)

Line No.	(a)	Amount (b)
24	DEBITS	
25	Balance of account at beginning of year	19,635,429.10
26	Income during year from balance on deposit (interest)	833,260.78
27	Amount transferred from income (depreciation)	3,241,692.00
28		
29	TOTAL	23,710,381.88
30	CREDITS	
31	Amount expended for construction purposes (Sec. 57,C.164 of G.L.)	
32	Amounts expended for renewals, viz:-	
33		
34		
35		
36		
37		
38		
39	Balance on hand at end of year	23,710,381.88
40	TOTAL	23,710,381.88

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						
3	331 Structures and Improvements						
4	332 Reservoirs, Dams and Waterways						
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	-	###	-	###	-	-
10	D. Other Production Plant						
11	340 Land and Land Rights						
12	341 Structures and Improvements	7,020.64		(1,231.92)			5,788.72
13	342 Fuel Holders, Producers and Accessories	54,131.44	10,760.50	(5,867.52)			59,024.42
14	343 Prime Movers						
15	344 Generators	22,293.78		(1,486.32)			20,807.46
16	345 Accessory Electric Equipment	320,009.82	19,080.63	(13,150.32)			325,940.13
17	346 Miscellaneous Power Plant Equipment						
18	Total Other Production Plant	403,455.68	29,841.13	(21,736.08)	-	-	411,560.73
19	Total Production Plant	403,455.68	29,841.13	(21,736.08)	-	-	411,560.73
20	3. Transmission Plant						
21	350 Land and Land Rights						
22	351 Clearing Land and Rights of Way						
23	352 Structures and Improvements						
24	353 Station Equipment						
25	354 Towers and Fixtures						
26	355 Poles and Fixtures						
27	356 Overhead Conductors and Devices						
28	357 Underground Conduit						
29	358 Underground Conductors and Devices						
30	359 Roads and Trails						
31	Total Transmission 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	4. DISTRIBUTION PLANT						
2	360 Land and Land Rights	153,805.04					153,805.04
3	361 Structures and Improvements	14,065.88		(916.68)			13,149.20
4	362 Station Equipment	4,459,252.39	14,925.00	(110,610.84)			4,363,566.55
5	363 Storage Battery Equipment			-			
6	364 Poles Towers and Fixtures	2,007,679.18	35,284.11	(92,142.96)		15,033.94	1,965,854.27
7	365 Overhead Conductors and Devices	5,442,273.25	48,586.19	(305,472.60)	(30,264.93)	5,562.61	5,160,684.52
8	366 Underground Conduit	2,015,819.48	29,294.29	(140,990.04)	(7,566.24)	3,704.38	1,900,261.87
9	367 Underground Conductors and Devices	1,853,201.75	93,393.74	(242,541.48)		7,256.43	1,711,310.44
10	368 Line Transformers	3,652,153.96	59,520.63	(198,974.40)	(16,264.75)	71,062.83	3,567,498.27
11	369 Services	361,993.45	24,105.58	(21,228.60)		486.61	365,357.04
12	370 Meters	855,964.05	9,191.74	(134,070.00)		79,301.51	810,387.30
13	371 Installations on Customer's Premises			-			
14	372 Leased Prop on Customer's Premises	560,379.63	(205,449.55)	(74,955.96)	(4,980.00)	273,369.89	548,364.01
15	373 Streetlight and Signal Systems	103,232.32	(208,294.82)	(5,166.24)		218,674.76	108,446.02
16	Total Distribution Plant	21,479,820.38	(99,443.09)	(1,327,069.80)	(59,075.92)	674,452.96	20,668,684.53
17	5. GENERAL PLANT						
18	389 Land and Land Rights	24,503.06					24,503.06
19	390 Structures and Improvements	3,683,534.61	26,657.96	(216,065.40)			3,494,127.17
20	391 Office Furniture and Equipment	15,920.65	9,162.00	(3,603.24)			21,479.41
21	392 Transportation Equipment	308,868.00	207,538.10	(72,606.24)	(375.00)	15,700.00	459,124.86
22	393 Stores Equipment	30,925.88		(4,418.04)			26,507.84
23	394 Tools, Shop and Garage Equipment	15,099.16	4,490.00	(4,457.04)			15,132.12
24	395 Laboratory Equipment	37,908.34		(8,070.24)			29,838.10
25	396 Power Operated Equipment			-			
26	397 Communication Equipment	1,430,620.83	51,005.69	(243,203.88)			1,238,422.64
27	398 Miscellaneous Equipment	6,991.29		(3,700.80)			3,290.49
28	399 Other Tangible Property	588,496.60	35,093.63	(186,456.72)			437,133.51
29	Total General Plant	6,142,868.42	333,947.38	(742,581.60)	(375.00)	15,700.00	5,749,559.20
30	Total Electric Plant in Service	28,873,644.20	264,345.42	(2,373,887.52)	(59,450.92)	690,152.96	27,394,804.14
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	496,130.23					646,348.74
34	Total Utility Plant Electric	29,369,774.43	264,345.42	(2,373,887.52)	(59,450.92)	690,152.96	28,041,152.88

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	50,285.80	21,895
2	Received During Year	176,234.57	55,995	176,234.57		
3	TOTAL	226,520.37	77,890	226,520.37		
4	Used During Year (Note A)					
5	Generator Fuel	159,117.80	56,179	159,117.80		
6						
7						
8						
9						
10						
11	Sold or Transferred					
12	TOTAL DISPOSED OF	159,117.80	56,179	159,117.80		
13	BALANCE END OF YEAR	67,402.57	21,711	67,402.57		

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 -Others	6,898.63
2	Miscellaneous Nonoperating Income -Net Gains/Disp of Investments	(33,290.55)
3	Miscellaneous Nonoperating Income -Net Unrealized Gains/Losses of Investments	868,677.93
4		
5		
6	TOTAL	842,286.01
OTHER INCOME DEDUCTIONS (Account 426)		
Line No.	Item (a)	Amount (b)
7	Donations	22,992.96
8		
9		
10		
11		
12		
13		
14	TOTAL	22,992.96
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	In Lieu of Tax Payment - City of Chicopee	600,000.00
25		
26		
27		
28		
29		
30		
31		
32	TOTAL	600,000.00
APPROPRIATIONS OF SURPLUS (Account 436)		
Line No.	Item (a)	Amount (b)
33		
34		
35		
36		
37		
38		
39		
40	TOTAL	

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)	18,723,851	2,350,830.37	12.5553
6					
7					
8					
9					
10					
11					
12		TOTALS	18,723,851	2,350,830.37	12.5553
13	444-1	Street Lighting:	3,925,177	406,255.81	10.3500
14					
15					
16					
17					
18		TOTALS	3,925,177	406,255.81	10.3500
19		TOTALS	22,649,028	2,757,086.18	12.1731

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	107,779,326	9,722,178.44	9.0204
21	P.A.S.N.Y.	Chicopee, MA 115 KV	20,502,111	236,805.79	1.1550
22	Ameresco	Chicopee, MA 13.8 KV	49,355,768	2,329,364.15	4.7195
23	JPMorgan	Chicopee, MA 115 KV	87,600,000	6,377,280.00	7.2800
24	NextEra	Chicopee, MA 115 KV	97,760,000	8,503,196.00	8.6980
25	Braintree Watson	Chicopee, MA 115 KV	4,896,533	1,753,021.26	35.8013
26	Macquarie	Chicopee, MA 115 KV	67,128,000	4,710,463.14	7.0171
27	Energy New England / Dominion	Chicopee, MA 115 KV	-	708,000.00	-
28	MMWEC (Short-Term)	Chicopee, MA 115 KV	27,840,000	1,390,800.02	4.9957
29					-
30					
31					
32					
33					
34					
35					
36					
			462,861,738	35,731,108.80	7.7196

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	New Renewable Energy Credit Transfers			461,652.00	
38					
39					
40					
41					
42					
43		TOTALS	0	461,652.00	

ELECTRIC OPER

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	24,667,783.47	41,845.11	190,829,251	601,330	23,131	1,299
3	442 Commercial and Industrial Sales	25,053,566.89	(275,091.37)	201,918,306	(1,716,756)	2,359	123
4	Small Commercial B Sales				HIDE		HIDE
5	Large Commercial C Sales						
6	444 Municipal Sales	2,757,086.18	HIDE	22,649,028	(55,258)	166	2
7	445 Other Sales to Public Authorities						
	Federal	2,613,402.63	(105,830.95)	23,247,356	(861,143)	6	0
	State	1,678,193.30	(60,394.67)	12,958,873	(377,177)	74	0
8	446 Sales to Railroads and Railways						
9	448 Interdepartmental Sales						
10	449 Miscellaneous Sales - Rate Stabilization	(2,668,264.70)	(547,511.58)				
11	Total Sales to Ultimate Consumers	54,101,767.77	(968,778.36)	451,602,814	(2,409,004)	25,736	1,424
12	447 Sales for Resale	461,652.00	-				0
13	Total Sales of Electricity	54,563,419.77	(968,778.36)	451,602,814	(2,409,004)	25,736	1,424
14	OTHER OPERATING REVENUES						
15	450 Forfeited Discounts	48,097.24	2,436.94				
16	451 Miscellaneous Service Revenues						
17	453 Sales of Water and Water Power						
18	454 Rent from Electric Property	163,514.08	8,801.13				
19	455 Interdepartmental Rents						
20	456 Other Electric Revenues						
21							
22							
23							
24							
25	Total Other Operating Revenues	211,611.32	11,238.07				
26	Total Electric Operating Revenue	54,775,031.09	(957,540.29)				

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	190,829,251	24,667,783.47	12.93000	23,006	23,024
2	442	Commercial & Industrial	201,918,306	25,053,566.89	12.41000	2,321	2,340
3							
4	444	Municipal	22,649,028	2,757,086.18	12.17000	165	165
5							
6	445	Other Sales to Public Authorities:					
7		Federal	23,247,356	2,613,402.63	11.24000	6	6
8		State	12,958,873	1,678,193.30	12.95000	74	73
9							
10	449	Miscellaneous Sales					
11		Rate Stabilization		(2,668,264.70)			
12							
13							
14							
15							
16							
17							
18							
19							
20							
TOTAL SALES TO ULTIMATE CONSUMERS (page 37 Line 11)			451,602,814	54,101,767.77	11.98000	25,572	25,608

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		
46	538 Electric expenses		
47	539 Miscellaneous hydraulic power generation expenses		
48	540 Rents		
49	Total Operation	-	-

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	-	-
10	OTHER POWER GENERATION		
11	Operation:		
12	546 Operation supervision and engineering		
13	547 Fuel	159,117.80	(79,919.20)
14	548 Generation Expenses	(40.00)	100.00
15	549 Miscellaneous other power generation expense		
16	550 Rents		
17	Total Operation	159,077.80	(79,819.20)
18	Maintenance:		
19	551 Maintenance supervision and engineering		
20	552 Maintenance of Structures		
21	553 Maintenance of generating and electric plant	110,504.83	58,522.86
22	554 Maintenance of miscellaneous other power generation plant		
23	Total Maintenance	110,504.83	58,522.86
24	Total power production expenses - other power	269,582.63	(21,296.34)
25	OTHER POWER SUPPLY EXPENSES		
26	555 Purchased power	35,731,108.80	(2,457,380.55)
27	556 System control and load dispatching		
28	557 Other expenses	612,844.87	153,439.29
29	Total other power supply expenses	36,343,953.67	(2,303,941.26)
30	Total power production expenses	36,613,536.30	(2,325,237.60)
31	TRANSMISSION EXPENSES		
32	Operation:		
33	560 Operation supervision and engineering		
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	5,875,369.03	457,205.02
39	566 Miscellaneous transmission expenses		
40	567 Rents		
41	Total Operation	5,875,369.03	457,205.02
42	Maintenance:		
43	568 Maintenance supervision and engineering		
44	569 Maintenance of structures		
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		
49	Total maintenance	-	-
50	Total transmission expenses	5,875,369.03	457,205.02

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	275,901.35	(26,780.05)
4	581 Load dispatching (Operation Labor)		
5	582 Station expenses	305,219.00	25,558.53
6	583 Overhead line expenses	423,816.44	134,799.17
7	584 Underground line expenses	11,298.13	217.84
8	585 Street lighting and signal system expenses	39,728.30	(2,602.10)
9	586 Meter expenses	199,604.18	18,490.13
10	587 Customer installations expenses	90,363.26	(3,456.57)
11	588 Miscellaneous distribution expenses	163,145.78	(9,478.09)
12	589 Rents	197,666.00	42,488.00
13	Total operation	1,706,742.44	179,236.86
14	Maintenance:		
15	590 Maintenance supervision and engineering		
16	591 Maintenance of structures		
17	592 Maintenance of station equipment	141,904.38	28,741.84
18	593 Maintenance of overhead lines	596,164.88	182,093.87
19	594 Maintenance of underground lines	935.92	(4,695.15)
20	595 Maintenance of line transformers	12,245.21	3,126.61
21	596 Maintenance of street lighting and sig	3,672.11	(605.40)
22	597 Maintenance of meters	11,113.68	(2,242.87)
23	598 Maintenance of miscellaneous distribution plant		
24	Total maintenance	766,036.18	206,418.90
25	Total distribution expenses	2,472,778.62	385,655.76
26	CUSTOMER ACCOUNTS EXPENSES		
27	Operation:		
28	901 Supervision		
29	902 Meter reading expenses	163,561.70	18,593.59
30	903 Customer records and collection expenses	978,330.54	31,730.67
31	904 Uncollectible accounts	281,554.34	30,848.75
32	905 Miscellaneous customer accounts expenses		
	908 Customer assistance expenses	251,853.95	73,423.13
	909 Informational/Instruct expenses	21,211.30	5,278.93
33	Total customer accounts expenses	1,696,511.83	159,875.07
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	462,745.03	23,173.26
44	921 Office supplies and expenses	143,414.92	15,535.83
45	922 Administrative expenses transferred - Cr		
46	923 Outside services employed	117,691.17	46,794.51
47	924 Property insurance	57,190.97	(565.03)
48	925 Injuries and damages	194,400.00	15,812.81
49	926 Employee pensions and benefits	2,655,317.76	465,018.74
50	928 Regulatory commission expenses		-
51	929 Store Expense		
52	930 Miscellaneous general expenses	149,159.26	(1,301.81)
53	931 Rents	4,925.84	(226.84)
54	Total operation	3,784,844.95	564,241.47

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.	3,784,844.95	564,241.47
2	Maintenance:		
3	935 Maintenance of general plant	302,919.26	44,983.72
	933 Maintenance of transportation equipment	232,796.92	77,113.95
		535,716.18	122,097.67
4	Total administrative and general expenses	4,320,561.13	686,339.14
5	Total Electric Operation and Maintenance Expenses	50,978,756.91	(636,162.61)

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			
11	Other Power	159,077.80	110,504.83	269,582.63
12	Other Power Supply Expenses	36,343,953.67		36,343,953.67
13	Total power production expenses	36,503,031.47	110,504.83	36,613,536.30
14	Transmission Expenses	5,875,369.03		5,875,369.03
15	Distribution Expenses	1,706,742.44	766,036.18	2,472,778.62
16	Customer Accounts Expenses	1,696,511.83		1,696,511.83
17	Sales Expenses	-		-
18	Administrative and General Expenses	3,784,844.95	535,716.18	4,320,561.13
19	Total Electric Operation and			
20	Maintenance Expenses	49,566,499.72	1,412,257.19	50,978,756.91

21 Ratio of operating expenses to operating revenues 98.99%
(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. 4,389,614

23 Total number of employees of electric department at end of year including administrative, operating, maintenance, construction and other employees (including part-time employees) 63

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									
2									
3									
4									
5									
6									
7									
8									
9									
10									
11									
12									
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14									
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16									
17									
18									
19									
20									
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					
8					
9					
10					
11					
12					
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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,	876,693.70			876,693.70
3	allowances and returns				
4	Contract work				
5	Commissions				
6	Other (list according to major classes)				
7					
8					
9					
10	Total Revenues	876,693.70			876,693.70
11					
12					
13	Costs and Expenses:				
14	Cost of sales (list according to major				
15	classes of cost)				
16	Labor	89,251.22			89,251.22
17	Materials	192,280.56			192,280.56
18	Outside Service Labor	61,882.36			61,882.36
19	Vehicle Allocation	2,607.50			2,607.50
20	Direct Exp Allocation	2,464.02			2,464.02
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	348,485.66			348,485.66
51	Net Profit (or loss)	528,208.04			528,208.04

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)		
					461,652.00	461,652.00		1
								2
								3
								4
								5
								6
								7
								8
								9
								10
								11
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								34
								35
								36
								37
								38
								39
								40
								41
	TOTALS:	0	0.00	0.00	461,652.00	461,652.00		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	20,502,111	135,936	100,870		236,806	1.1550	1
60 Minute	13.8 KV	49,355,768		2,329,364		2,329,364	4.7195	2
60 Minute	13.8 KV	87,600,000		6,377,280		6,377,280	7.2800	3
60 Minute	13.8 KV	97,760,000		8,503,196		8,503,196	8.6980	4
60 Minute	13.8 KV	4,896,533	1,332,484	420,537		1,753,021	35.8013	5
60 Minute	13.8 KV	67,128,000		4,710,463		4,710,463	7.0171	6
60 Minute	13.8 KV		708,000			708,000	0.0000	7
60 Minute	13.8 KV	27,840,000		1,390,800		1,390,800	4.9957	8
								9
								10
								11
								12
								13
								14
								15
								16
								17
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								40
								41
	TOTALS:	355,082,412	2,176,420	23,832,510	0	26,008,930	7.3248	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). 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	108,660,005	(880,679)	107,779,326	\$ 9,722,178
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12	TOTALS				108,660,005	(880,679)	107,779,326	9,722,178

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	10,258,995
14		Energy Delivered to ISO NE	(536,817)
15			
16			
17			
18			
19			
20			
21	TOTAL		9,722,178

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							
6	Other							753,423
7	Total Generation							753,423
8	Purchases							355,082,412
9		(In (gross)		108,660,005				
10	Interchanges	< Out (gross)		(880,679)				
11		(Net (Kwh)						107,779,326
12		(Received		0				
13	Transmission for/by others (wheeling)	< Delivered		0				
14		(Net (Kwh)						
15	TOTAL							463,615,161
16	DISPOSITION OF ENERGY							
17	Sales to ultimate consumers (including interdepartmental sales)							451,602,814
18	Sales for resale							
19	Energy furnished without charge							
20	Energy used by the company (excluding station use):							
21	Electric department only							1,033,455
22	Energy losses							
23	Transmission and conversion losses							6,057,670
24	Distribution losses							4,921,222
25	Unaccounted for losses							
26	Total energy losses							10,978,892
27	Energy losses as percent of total on line 15	2.37%						
28		TOTAL						463,615,161

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					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.....	81,127	Monday	24	7:00 PM	Watt Meter	45,067,052
30	February.....	75,213	Tuesday	8	7:00 PM	Watt Meter	39,895,904
31	March.....	70,299	Thursday	3	7:00 PM	Watt Meter	40,127,896
32	April.....	60,932	Tuesday	5	9:00 PM	Watt Meter	33,785,487
33	May.....	77,640	Tuesday	31	6:00 PM	Watt Meter	34,026,401
34	June.....	89,391	Wednesday	8	6:00 PM	Watt Meter	37,920,440
35	July.....	98,740	Thursday	21	5:00 PM	Watt Meter	45,506,614
36	August.....	86,289	Monday	8	5:00 PM	Watt Meter	42,463,172
37	September.....	71,548	Wednesday	14	5:00 PM	Watt Meter	36,534,676
38	October.....	62,048	Thursday	27	7:00 PM	Watt Meter	32,854,428
39	November.....	64,111	Wednesday	2	7:00 PM	Watt Meter	35,374,587
40	December.....	72,786	Monday	19	6:00 PM	Watt Meter	40,058,504
41		60 Minutes Integrated Peak				TOTAL	463,615,161

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		
2	Type of plant construction (conventional,outdoor boiler,full outdoor, etc.)	Outdoor Encl.		
3	Year originally constructed	1978		
4	Year last unit was installed	1978		
5	Total installed capacity (maximum generator name plate ratings in kw)	8,250 KW		
6	Net peak demand on plant-kilowatts (60 min.)	8,250 KW		
7	Plant hours connected to load			
8	Net continuous plant capability,kilowatts:			
9	(a) When not limited by condenser water	N/A		
10	(b) When limited by condenser water	N/A		
11	Average number of employees	1		
12	Net generation, exclusive of station use	753,423		
13	Cost of plant (omit cents):			
14	Land and land rights			
15	Structures and improvements	41,062		
16	Reservoirs, dams, and waterways			
17	Equipment costs	2,306,216		
18	Roads, railroads, and bridges			
19	Total cost	2,347,278		
20	Cost per kw of installed capacity	284.52		
21	Production expenses:			
22	Operation supervision and engineering			
23	Station labor	25,215		
24	Fuel	159,118		
25	Supplies and expenses, including water	64,217		
26	Maintenance	21,033		
27	Rents			
28	Steam from other sources			
29	Steam transfered- Credit			
30	Total production expenses p.40 line 24	269,583		
31	Expenses per net Kwh (5 places)	0.35781		
32	Fuel: Kind	No. 2 Diesel		
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	1,338		
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	3.1473	Per Gal	
37	Average cost of fuel per unit consumed	2.8323	Per Gal	
38	Average cost of fuel consumed per million BTU	20.3765	Per MMBTU	
39	Average cost of fuel consumed per kwh net gen	0.2112	Per Kwh	
40	Average BTU per kwh net generation	10,365	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 (l)	Plant (j)	Line No.
						1
						2
						3
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						40

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							
3							
4							
5							
6							
7							
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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								
2								
3								
4								
5								
6								
7								
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41								
42								
43								
44								
45								
46								
47	TOTALS							

* 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 (i), (j), and (k) 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	WARB Substation	Dist. - Unattended	13.8kV	4.8kV		5,000	1	1			
5											
6											
7											
8											
9											
10											
11											
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27											
28											
29											
30											
31											
32			TOTALS			164,375	5	1			

OVERHEAD DISTRIBUTION LINES OPERATED

Line No.		Length (Pole Miles)		
		Wood Poles	Steel Towers	Total
1	Miles -- Beginning of Year	220.30		220.30
2	Added During Year	0.51		0.51
3	Retired During Year	0.58		0.58
4	Miles -- End of Year	220.23	0.00	220.23
5				
6	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:	16,282	26,861	2,871	288,773.5
17	Additions during year				
18	Purchased	*****	765	42	4,375.0
19	Installed	9		*****	*****
20	Associated with utility plant acquired			0	0.0
21	Total Additions	9	765	42	4,375.0
22	Reductions during year:				
23	Retirements	14	858	0	0.0
24	Associated with utility plant sold			31	2,437.5
25	Total Reductions	14	858	31	2,437.5
26	Number at end of year	16,277	26,768	2,882	290,711.0
27	In stock		1,205	222	36,386.5
28	Locked meters on customers' premises		35		
29	Inactive transformers on system				
30	In customers' use		25,508		
31	In company's use		20	2,660	254,324.5
32	Number at end of year		26,768	2,882	290,711.0

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	46.368				
2	2 Conduit Bank	13.231				
3	3 Conduit Bank	3.820				
4	4 Conduit Bank	7.883				
5	5 Conduit Bank	0.304				
6	6 Conduit Bank	7.872				
7	8 Conduit Bank	1.197				
8	9 Conduit Bank	6.337				
9	10 Conduit Bank	0.752				
10	11 Conduit Bank	0.293				
11	12 Conduit Bank	4.297				
12	13 Conduit Bank	0.016				
13	15 Conduit Bank	0.112				
14	16 Conduit Bank	0.800				
15	20 Conduit Bank	0.734				
16						
17						
18						
19						
20	Manholes: Previous Total	830				
21						
22	Adjustment in 2011	9				
23						
24	Total Manholes	839				
25						
26						
27						
28						
29						
30						
31						
32						
33						
34						
35						
36						
37						
38						
39						
40						
41						
42						
43						
44	TOTALS	94.016				

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		2.063			
4	500 MCM 3/C Cable		1.731			
5	500 MCM 1/C Cable		34.709		11.082	
6	350 MCM 4/C Cable				1.250	
7	350 MCM 3/C Cable		2.927		0.659	
8	350 MCM 1/C Cable		15.510		10.955	
9	4/0 3/C Cable		0.147		3.852	
10	4/0 1/C Cable		18.017		33.408	
11	1/0 3/C Cable				5.710	
12	1/0 1/C Cable		6.589		27.989	
13	2 1/C Cable		91.526		25.180	
14	4 1/C Cable		7.152		14.284	
15	6 1/C Cable		5.159		51.976	
16	8 1/C Cable				0.428	
17	14 1/C & 12 2/C Cable				2.854	
18	4/0, 1/0, 2, 4, 6, 8 Bare				52.013	
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				2.291	
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				6.650	
27	#10 1/C Street Light Cable				0.089	
28	#12 1/C Street Light Cable				5.895	
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		185.882		274.917	

* 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						
4	LED										
5	58	58	2664			204	0				
6	116	116	4188			2	0				
7	High Pressure Sodium										
8	100	130	8550					3,196	280		
9	150	190	13500					40	0		
10	250	295	24750					1,222	557		
11	400	465	44000					215	147		
12	Metal Halide										
13	100	125	6500							2	0
14	250	294	14000							0	98
15	320	366	20500							0	19
16	400	465	22500							2	73
17	1000	1090	82000							4	11
18											
19											
20											
21											
22											
23											
24											
25											
26											
27											
28											
29											
30	Total Municipal & Security Lamps =					6,072					
31	Total Line Wattage (watts) =					1,251,920					
32	Total Municipal & Security Lumens =					94,929,482					
33											
34											
35											
36											
37											
38											
39											
40	TOTALS			0	0	206	0	4,673	984	8	201

RATE SCHEDULE INFORMATION

1. Attach copies of all Filed Rates for General Consumers
 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		

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