

The Commonwealth of Massachusetts

---

Return

of the

Municipal Light Department of  
the Town of Danvers

to the

The Commonwealth of Massachusetts  
Department of Telecommunications & Energy

For the Year ended December 31,

**2015**

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

Official title: DPW Business Manager

Peter Korpusik

Office address: 2 Burroughs Street

Danvers, MA 01923



**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	
<b>INCOME FROM PRIVATE CONSUMERS:</b>			
1	From sales of gas		
2	From sales of electricity	45,418,296	
3			
4	<b>TOTAL</b>	<b>45,418,296</b>	
5	<b>EXPENSES</b>		
6	For operation, maintenance and repairs	41,437,750	
7	For interest on bonds, notes or scrip	275,000	
8	For depreciation fund ( 3-5 % as per page 9)	2,354,225	
9	For sinking fund requirements		
10	For note payments		
11	For bond payments		
12	For loss in preceding year		
13	<b>TOTAL</b>	<b>44,066,975</b>	
14			
15	<b>COST:</b>		
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	1,164,120	
19	Of electricity to be used for street lights	184,353	
20	Total of above items to be included in the tax levy	1,348,473	
21			
22	New construction to be included in the tax levy		
23	Total amounts to be included in the tax levy	1,348,473	
<b>CUSTOMERS</b>			
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	
	None	Danvers, MA	13,116
<b>TOTAL</b>	<b>0</b>	<b>TOTAL</b>	<b>13,116</b>

**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 184,353
- 2. Municipal buildings 1,164,120
- 3.

TOTAL 1,348,473

\* 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:**                      None

**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					
04/16/1888	02/01/1899	15,000							
04/12/1896	06/01/1899	11,000							
03/23/1897	06/01/1897	4,000							
07/02/1898	07/01/1898	5,000							
05/15/1899	04/01/1899	4,000							
04/05/1900	04/01/1900	1,500							
03/18/1901	04/01/1901	5,500							
04/08/1903	04/01/1903	2,000							
04/18/1904	04/01/1904	1,400							
04/17/1905	04/01/1905	20,000							
03/25/1907	04/01/1907	9,000							
04/01/1908	07/01/1908	11,500							
01/16/1911	02/01/1911	3,000							
04/01/1911	04/01/1911	8,000							
03/15/1912	05/01/1912	4,000							
02/08/1913	10/01/1913	7,000							
01/24/1910	02/01/1910	12,000							
03/18/1935	06/01/1935	15,000							
	10/01/1941	40,000							
04/03/1952	05/15/1952	50,000							
03/18/1957	07/01/1957	75,000							
05/07/1962	10/15/1962	275,000							
01/20/1975	07/15/1976	400,000							
05/15/1978	11/15/1978	2,000,000							
5/17/2004	7/11/2008	4,847,221	variable	July	variable	July and January	2,665,000		
5/19/2008	7/1/2010	4,400,000	variable	July	variable	July and January	3,150,000		
5/19/2008	7/7/2011	900,000	variable	July	variable	July and January	660,000		
5/19/2008	7/15/2014	684,543	variable	July	variable	July and January	650,000		
	TOTAL	13,810,664				TOTAL	7,125,000		

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

**Town Notes**

(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			
17-May-04	02/04/05	1,000,000	1,000,000	02/03/06	3.25	02/03/06	0
	07/15/05	750,000	750,000	07/14/06	3.75	07/14/06	0
	02/03/06	1,000,000	1,000,000	07/14/06	4.50	07/14/06	0
	07/14/06	1,750,000	1,750,000	07/13/07	4.50	07/13/07	0
	12/08/06	2,700,000	2,700,000	07/13/07	3.54	07/13/07	0
	07/13/07	4,394,444	4,394,444	07/11/08	4.25	07/11/08	0
	12/06/08	2,000,000	2,000,000	07/10/09	2.50	07/10/09	0
19-May-08	07/10/09	4,400,000	4,400,000	07/09/10	2.00	07/09/10	0
	07/09/10	900,000	900,000	07/08/11	1.50	07/08/11	0
	05/10/12	700,000	700,000	07/03/13	1.25	07/03/13	0
	7/3/2013	700,000	700,000	07/03/14	1.00	07/03/14	0
	<b>TOTAL</b>		<b>20,294,444</b>			<b>TOTAL</b>	<b>0</b>

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

		<b>TOTAL COST OF PLANT - ELECTRIC</b>					
1. Report below the cost of utility plant in service according to prescribed accounts		preceding year. Such items should be included in column (c) or (d) as appropriate.					
2. Do not include as adjustments, corrections of additions and retirements for the current or the		effect of such amounts.					
		4. Reclassifications or transfers within utility plant accounts should be shown in column (f).					
3. Credit adjustments of plant accounts should be enclosed in parentheses to indicate the negative							
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							
3							
4		0	0	0	0	0	0
5							
6	2. PRODUCTION PLANT						
7	A. Steam Production						
8	310 Land and Land Rights						
9	311 Structures and Improvements						
10	312 Boiler Plant Equipment						
11	313 Engines and Engine Driven Generators						
12	314 Turbogenerator Units						
13	315 Accessory Electric Equipment						
14	316 Miscellaneous Power Plant Equipment						
15	Total Steam Production Plant	0	0	0	0	0	0
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	0	0	0	0	0	0

**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	0	0	0	0	0	0
10	D. Other Production Plant						
11	340 Land and Land Rights						
12	341 Structures and Improvements						
13	342 Fuel Holders, Producers and Accessories						
14	343 Prime Movers						
15	344 Generators						
16	345 Accessory Electric Equipment						
17	346 Miscellaneous Power Plant Equipment						
18	Total Other Production Plant	0	0	0	0	0	0
19	Total Production Plant	0	0	0	0	0	0
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	0	0	0	0	0	0



**TOTAL COST OF PLANT (Concluded)**

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	419,279	0				419,279
3	361 Structures and Improvements	470,707	17,638				488,345
4	362 Station Equipment	18,624,559	32,017				18,656,576
5	363 Storage Battery Equipment	0	0				0
6	364 Poles Towers and Fixtures	4,191,943	131,914				4,323,857
7	365 Overhead Conductors and Devices	11,940,116	782,154				12,722,270
8	366 Underground Conduit	0	38,390				38,390
9	367 Underground Conductors and Devices	3,764,608	50,375				3,814,983
10	368 Line Transformers	6,686,169	147,970				6,834,139
11	369 Services	1,315,830	63,247				1,379,077
12	370 Meters	6,572,592	44,650				6,617,242
13	371 Installations on Customer's Premises	491,521	29,213				520,734
14	372 Leased Prop on Customer's Premises	0	0				0
15	373 Streetlight and Signal Systems	2,440,530	95,316				2,535,846
16	Total Distribution Plant	56,917,854	1,432,884	0	0	0	58,350,738
17	5. GENERAL PLANT						
18	382 Computer Hardware/Software	4,918,392	292,841				5,211,233
19	389 Land and Land Rights	0	0				0
20	390 Structures and Improvements	4,520,153	176,269				4,696,422
21	391 Office Furniture and Equipment	385,124	102,333				487,457
22	392 Transportation Equipment	2,891,515	313,101				3,204,616
23	393 Stores Equipment	0	0				0
24	394 Tools, Shop and Garage Equipment	215,304	0				215,304
25	395 Laboratory Equipment	240,687	0				240,687
26	396 Power Operated Equipment	403,288	34,420				437,708
27	397 Communication Equipment	4,143,858	211,418				4,355,276
28	398 Miscellaneous Equipment	178,267	0				178,267
29	399 Other Tangible Property	1,629,005	35,023				1,664,028
29	Total General Plant	19,525,593	1,165,405	0	0	0	20,690,998
30	Total Electric Plant in Service	76,443,447	2,598,289	0	0	0	79,041,736
31							
33							
34							

Total Cost of Electric Plant.....  
 Less Cost of Land, Land Rights, Rights of Way.....  
 Total Cost upon which Depreciation is based.....  
 78,622,457

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.

<b>COMPARATIVE BALANCE SHEET Assets and Other Debits</b>					
Line No.		Title of Account (a)	Balance Beginning of Year (b)	Balance End of Year (c)	Increase or (Decrease) (d)
1		<b>UTILITY PLANT</b>			
2	101	Utility Plant - Electric (P. 17)	32,112,122	31,672,090	(440,032)
3	101	Utility Plant - Gas (P. 20)			0
4					
5		Total Utility Plant	32,112,122	31,672,090	(440,032)
6					
7					
8					
9					
10					
11		<b>FUND ACCOUNTS</b>			
12	125	Sinking Funds			0
13	126	Depreciation Fund (P. 14)	4,679,137	6,163,555	1,484,418
14	128	Other Special Funds	12,195,162	13,443,533	1,248,371
15		Total Funds	16,874,299	19,607,088	2,732,789
16		<b>CURRENT AND ACCRUED ASSETS</b>			
17	131	Cash (P. 14)	(2,699,813)	(3,209,943)	(510,130)
18	132	Special Deposits	552,551	602,849	50,298
19	135	Working Funds	42,260	48,271	6,011
20	141	Notes Receivable			0
21	142	Customer Accounts Receivable	6,152,261	5,325,618	(826,643)
22	143	Other Accounts Receivable	559,855	608,723	48,868
23	146	Receivables from Municipality	3,378,908	3,068,844	(310,064)
24	151	Materials and Supplies (P. 14)	2,350,203	2,575,834	225,631
25					
26	165	Prepayments	2,433,075	3,028,421	595,346
27	174	Miscellaneous Current Assets	499,126	515,260	16,134
28		Total Current and Accrued Assets	13,268,426	12,563,877	(704,549)
29		<b>DEFERRED DEBITS</b>			
30	181	Unamortized Debt Discount			
31	182	Extraordinary Property Losses			
32	185	Other Deferred Debits			0
33		Total Deferred Debits			0
34					
35		Total Assets and Other Debits	62,254,847	63,843,055	1,588,208

<b>COMPARATIVE BALANCE SHEET Liabilities and Other Credits</b>					
Line No.		Title of Account (a)	Balance Beginning of Year (b)	Balance End of Year (c)	Increase or (Decrease) (d)
1		<b>APPROPRIATIONS</b>			
2	201	Appropriations for Construction	-	-	0
3		<b>SURPLUS</b>			
4	205	Sinking Fund Reserves			0
5	206	Loans Repayment	2,333,504	2,333,504	0
6	207	Appropriations for Construction Repayments			0
7	208	Unappropriated Earned Surplus (P. 12)	33,673,875	35,863,225	2,189,350
8		Total Surplus	36,007,379	38,196,729	2,189,350
9		<b>LONG TERM DEBT</b>			
10	221	Bonds (P. 6)	7,774,543	7,125,000	(649,543)
11	231	Notes Payable (P. 7)			0
12		Total Bonds and Notes	7,774,543	7,125,000	(649,543)
13		<b>CURRENT AND ACCRUED LIABILITIES</b>			
14	232	Accounts Payable	2,834,017	2,602,898	(231,119)
15	234	Payables to Municipality			0
16	235	Customers' Deposits	467,196	513,935	46,739
17	236	Taxes Accrued			0
18	237	Interest Accrued	170,368	158,966	(11,402)
19	242	Miscellaneous Current and Accrued Liabilities	5,340,879	5,617,717	276,838
20		Total Current and Accrued Liabilities	8,812,460	8,893,516	81,056
21		<b>DEFERRED CREDITS</b>			
22	251	Unamortized Premium on Debt			0
23	252	Customer Advances for Construction			0
24	253	Other Deferred Credits	9,414,489	9,414,489	0
25		Total Deferred Credits	9,414,489	9,414,489	0
26		<b>RESERVES</b>			
27	260	Reserves for Uncollectible Accounts	245,976	213,321	(32,655)
28	261	Property Insurance Reserve			0
29	262	Injuries and Damages Reserves			0
30	263	Pensions and Benefits Reserves			0
31	265	Miscellaneous Operating Reserves			0
32		Total Reserves	245,976	213,321	(32,655)
33		<b>CONTRIBUTIONS IN AID OF CONSTRUCTION</b>			
34	271	Contributions in Aid of Construction			0
35		Total Liabilities and Other Credits	62,254,847	63,843,055	1,588,208

STATEMENT OF INCOME FOR THE YEAR			
Line No.	Account (a)	Current Year (b)	Increase or (Decrease) from Preceding Year (c)
1	<b>OPERATING INCOME</b>		
2	400 Operating Revenues (P. 37 and 43)	44,083,195	753,009
3	Operating Expenses:		
4	401 Operation Expense (p. 42 and 47)	39,120,729	(5,558,742)
5	402 Maintenance Expense	1,324,944	324,529
6	403 Depreciation Expense	3,038,322	(596,520)
7	407 Amortization of Property Losses		
8			
9	408 Taxes (P. 49)	20,215	(26,558)
10	Total Operating Expenses	43,504,210	(5,857,291)
11	Operating Income	578,985	6,610,300
12	414 Other Utility Operating Income (P. 50)		
13			
14	Total Operating Income	578,985	6,610,300
15	<b>OTHER INCOME</b>		
16	415 Income from Merchandising, Jobbing, and Contract Work (P. 51)	620,179	199,275
17	419 Interest Income	43,582	4,274
18	421 Miscellaneous Nonoperating Income (P. 21)	2,034,144	(4,654,495)
19	Total Other Income	2,697,905	(4,450,946)
20	Total Income	3,276,890	2,159,354
21	<b>MISCELLANEOUS INCOME DEDUCTIONS</b>		
22	425 Miscellaneous Amortization		
23	426 Other Income Deductions		
24	Total Income Deductions	0	0
25	Income Before Interest Charges	3,276,890	2,159,354
26	<b>INTEREST CHARGES</b>		
27	427 Interest on Bonds and Notes	291,120	(15,197)
28	428 Amortization of Debt Discount and Expense	0	22,340
29	429 Amortization of Premium on Debt - Credit		
30	431 Other Interest Expense	(4,199)	(5,723)
31	432 Interest: Charged to Construction - Credit		
32	Total Interest Charges	286,921	1,420
33	<b>NET INCOME</b>	2,989,969	2,157,934
<b>EARNED SURPLUS</b>			
Line No.	Account (a)		
34	208 Unappropriated Earned Surplus (at beginning of period)		33,674,121
35	pending labor distribution adjustment		
36			
37	433 Balance Transferred from Income		2,989,966
38	434 Miscellaneous Credits to Surplus (P. 21)		0
39	435 Miscellaneous Debits to Surplus (P. 21)	800,862	
40	436 Appropriations of Surplus (P. 21)		
41	437 Surplus Applied to Depreciation		
42	208 Unappropriated Earned Surplus (at end of period)	35,863,225	
43			
44	<b>TOTALS</b>	36,664,087	36,664,087

CASH BALANCES AT END OF YEAR			
Line No.	Items (a)	Amount (b)	
1	Operation Fund	(3,209,943)	
2	Interest Fund		
3	Bond Fund		
4	Construction Fund		
5			
6			
7			
8			
9			
10			
11			
12	<b>TOTAL</b>	<b>(3,209,943)</b>	
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 25)		
14	Fuel Stock Expenses (Account 152)		
15	Residuals (Account 153)		
16	Plant Materials and Operating Supplies (Account 154 (151))	2,575,834	
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)	22,616	
23	Total Per Balance Sheet	2,598,450	0
DEPRECIATION FUND ACCOUNT (Account 126)			
Line No.	(a)	Amount (b)	
24	<b>DEBITS</b>		
25	Balance of account at beginning of year		4,679,137
26	Income during year from balance on deposit (interest)		10,743
27	Amount transferred from income (depreciation)		3,038,322
28	Bond proceeds		1,098,576
29	<b>TOTAL</b>		<b>8,826,778</b>
30	<b>CREDITS</b>		
31	Amount expended for construction purposes (Sec. 57,C.164 of G.L.)		2,663,223
32	Amounts expended for renewals,viz:-		
33	Prior Year adjustment		
34	Principal Payment		0
35			
36			
37			
38			
39	Balance on hand at end of year		6,163,555
40	<b>TOTAL</b>		<b>8,826,778</b>

**UTILITY PLANT - ELECTRIC**

Line No.	Account (a)	Balance Beginning of Year (b)	Additions (c)	Depreciation (d)	Other Credits (e)	Adjustments Transfers (f)	Balance End of Year (g)
1	1. INTANGIBLE PLANT						
2							
3							
4		0	0	0	0	0	0
5							
6	2. PRODUCTION PLANT						
7	A. Steam Production						
8	310 Land and Land Rights						
9	311 Structures and Improvements						
10	312 Boiler Plant Equipment						
11	313 Engines and Engine Driven Generators						
12	314 Turbogenerator Units						
13	315 Accessory Electric Equipment						
14	316 Miscellaneous Power Plant Equipment						
15	Total Steam Production Plant	0	0	0	0	0	0
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	0	0	0	0	0	0

1. Report below the cost of utility plant in service according to prescribed accounts preceding year. Such items should be included in column (c). effect of such amounts.

2. Do not include as adjustments, corrections of additions and retirements for the current or the preceding year. Such items should be included in column (c). 4. Reclassifications or transfers within utility plant accounts should be shown in column (f).

3. Credit adjustments of plant accounts should be enclosed in parentheses to indicate the negative effect of such amounts.

**UTILITY PLANT - ELECTRIC (Continued)**

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	0	0	0	0	0	0
10	D. Other Production Plant						
11	340 Land and Land Rights						
12	341 Structures and Improvements						
13	342 Fuel Holders, Producers and Accessories						
14	343 Prime Movers						
15	344 Generators						
16	345 Accessory Electric Equipment						
17	346 Miscellaneous Power Plant Equipment						
18	Total Other Production Plant	0	0	0	0	0	0
19	Total Production Plant	0	0	0	0	0	0
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	0	0	0	0	0	0

## UTILITY PLANT -- ELECTRIC (Continued)

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	419,279	0	0			419,279
3	361 Structures and Improvements	54,394	17,638	18,828			53,204
4	362 Station Equipment	5,896,883	32,018	744,983			5,183,918
5	363 Storage Battery Equipment	0	0	0			0
6	364 Poles Towers and Fixtures	1,117,345	131,913	167,667			1,081,591
7	365 Overhead Conductors and Devices	5,445,300	782,154	477,098			5,750,356
8	366 Underground Conduit	0	38,390	0			38,390
9	367 Underground Conductors and Devices	663,138	50,375	150,584			562,929
10	368 Line Transformers	405,874	147,970	267,330			286,514
11	369 Services	121,435	63,247	52,618			132,064
12	370 Meters	4,249,064	44,649	262,629			4,031,084
13	371 Installations on Customer's Premises	402,251	29,213	19,649			411,815
14	372 Leased Prop on Customer's Premises	0	0	0			0
15	373 Streetlight and Signal Systems	627,233	95,316	97,493			625,056
16	Total Distribution Plant	19,402,196	1,432,883	2,258,879	0	0	18,576,200
17	5. GENERAL PLANT						
18	382 Computer Hardware	3,847,667	123,747	163,726			3,807,688
19	383 Computer Software	743,106	169,094	32,000			880,200
20	389 Land and Land Rights	0	0	0			0
21	390 Structures and Improvements	2,172,953	176,269	180,700			2,168,522
22	391 Office Furniture and Equipment	62,273	102,334	15,405			149,202
23	392 Transportation Equipment	1,438,264	313,101	115,661			1,635,704
24	393 Stores Equipment	0	0	0			0
25	394 Tools, Shop and Garage Equipment	78,204	0	8,613			69,591
26	395 Laboratory Equipment	92,151	0	9,627			82,524
27	396 Power Operated Equipment	110,480	34,420	16,132			128,768
28	397 Communication Equipment	3,525,885	211,419	165,341			3,571,963
29	398 Miscellaneous Equipment	42,676	0	7,131			35,545
30	399 Other Tangible Property	596,268	35,023	65,107			566,184
31	Total General Plant	12,709,927	1,165,407	779,443	0	0	13,095,891
32	Total Electric Plant in Service	32,112,123	2,598,290	3,038,322	0	0	31,672,091
33	104 Utility Plant Leased to Others	0	0	0			0
34	105 Property Held for Future Use	0	0	0			0
35	107 Construction Work in Progress	0	0	0			0
36	Total Utility Plant Electric	32,112,123	2,598,290	3,038,322	0	0	31,672,091



**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	0			
2	Received During Year	0			
3	TOTAL	0			
4	Used During Year (Note A)	0			
5					
6					
7					
8					
9					
10					
11	Sold or Transferred	0			
12	TOTAL DISPOSED OF	0			
13	BALANCE END OF YEAR	0			
Kinds of Fuel and Oil - continued					
Line No.	Item (g)	Total Cost (b)	Kinds of Fuel and Oil		
			Quantity (h)	Cost (i)	Quantity (j)
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.

<b>MISCELLANEOUS NONOPERATING INCOME (Account 421)</b>		
Line No.	Item (a)	Amount (b)
1	MMWEC flush of funds	619,487
2	Collection/NSF Charges	14,383
3	Sports Fields Floodlights	2,004
4	Other Income	295,694
5	Smart Grid Grant reclass and Stabilization fund transfer for pension prepay	1,102,576
6	<b>TOTAL</b>	<b>2,034,144</b>
<b>OTHER INCOME DEDUCTIONS (Account 426)</b>		
Line No.	Item (a)	Amount (b)
7		
8	none	
9		
10		
11		
12		
13		
14	<b>TOTAL</b>	<b>0</b>
<b>MISCELLANEOUS CREDITS TO SURPLUS (Account 434)</b>		
Line No.	Item (a)	Amount (b)
15		
16	none	
17		
18		
19		
20		
21		
22		
23	<b>TOTAL</b>	<b>0</b>
<b>MISCELLANEOUS DEBITS TO SURPLUS (Account 435)</b>		
Line No.	Item (a)	Amount (b)
24	In Lieu of Taxes - Town of Danvers	800,862
25		
26		
27		
28		
29		
30		
31		
32	<b>TOTAL</b>	<b>800,862</b>
<b>APPROPRIATIONS OF SURPLUS (Account 436)</b>		
Line No.	Item (a)	Amount (b)
33		
34	none	
35		
36		
37		
38		
39		
40	<b>TOTAL</b>	<b>0</b>

**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		<b>TOTALS</b>			
		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)	1,826,717	279,855	15.3201
6	444-3	Municipal Power	7,398,220	951,561	12.8620
7					
8					
9					
10					
11					
12		<b>TOTALS</b>	<b>9,224,937</b>	<b>1,231,416</b>	<b>13.3488</b>
13	444-1	Street Lighting:	1,130,316	171,137	15.1406
14					
15					
16					
17					
18		<b>TOTALS</b>	<b>1,130,316</b>	<b>171,137</b>	<b>15.1406</b>
19		<b>TOTALS</b>	<b>10,355,253</b>	<b>1,402,553</b>	<b>13.5444</b>

**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	MMWEC	Town Line (115kV)	165,472,075	15,120,371	9.1377
21	Nextera	Town Line (115kV)	124,277,000	6,398,503	5.1486
22	Miller Hydro	Town Line (115kV)	10,238,294	597,398	5.8349
23	NEPEX	Town Line (115kV)	31,398,790	1,756,247	5.5934
24					
25					
26					
27					
28					
29		<b>TOTALS</b>	<b>331,386,159</b>	<b>23,872,519</b>	<b>7.2038</b>

**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)
30					n/a
31		n/a			
32					
33					
34					
35					
36					
37					
38					
39		<b>TOTALS</b>	<b>0</b>	<b>0</b>	



**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)	
						Jun 30 (e)	Dec 31 (f)
1	400.000	Domestic A	93,853,328	15,194,676	0.1619	11,257	11,275
2	400.100	Domestic Heat D					
3	442.100	Small Commercial B	24,903,568	3,957,185	0.1589	1,379	1,386
4	442.200	Large Commercial C-II	130,403,881	17,936,237	0.1375	386	384
5	442.300	Large Commercial AMC	48,949,250	6,586,963	0.1346	18	18
6	444.100	Streetlighting	1,130,316	171,137	0.1514	1	1
7	444.200	Municipal Power MB	1,826,717	279,855	0.1532	115	111
8	444.300	Municipal Power MC	7,398,220	951,561	0.1286	15	15
9	445.000	Protective Lighting	925,074	161,303	0.1744	171	171
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
<b>TOTAL SALES TO ULTIMATE CONSUMERS (page 37 Line 11)</b>			<b>309,390,354</b>	<b>45,238,917</b>	<b>0.1462</b>	<b>13,342</b>	<b>13,361</b>

**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	<b>POWER PRODUCTION EXPENSES</b>		
2	<b>STEAM POWER GENERATION</b>		
3	Operation:		
4	500 Operation supervision and engineering		0
5	501 Fuel		0
6	502 Steam Expenses		0
7	503 Steam from other sources		0
8	504 Steam transferred -- Cr.		0
9	505 Electric expenses		0
10	506 Miscellaneous steam power expenses		0
11	507 Rents		0
12	Total Operation	0	0
13	Maintenance:		
14	510 Maintenance supervision and engineering		0
15	511 Maintenance of Structures		0
16	512 Maintenance of boiler plant		0
17	513 Maintenance of electric plant		0
18	514 Maintenance of miscellaneous steam plant		0
19	Total Maintenance	0	0
20	Total power production expenses -steam power	0	0
21	<b>NUCLEAR POWER GENERATION</b>		
22	Operation:		
23	517 Operation supervision and engineering		0
24	518 Fuel		0
25	519 Coolants and water		0
26	520 Steam Expenses		0
27	521 Steam from other sources		0
28	522 Steam transferred -- Cr.		0
29	523 Electric expenses		0
30	524 Miscellaneous nuclear power expenses		0
31	525 Rents		0
32	Total Operation	0	0
33	Maintenance:		
34	528 Maintenance supervision and engineering		0
35	529 Maintenance of Structures		0
36	530 Maintenance of reactor plant		0
37	531 Maintenance of electric plant		0
38	532 Maintenance of miscellaneous nuclear plant		0
39	Total Maintenance	0	0
40	Total power production expenses -nuclear power	0	0
41	<b>HYDRAULIC POWER GENERATION</b>		
42	Operation:		
43	535 Operation supervision and engineering		0
44	536 Water for power		0
45	537 Hydraulic expenses		0
46	538 Electric expenses		0
47	539 Miscellaneous hydraulic power generation expenses		0
48	540 Rents		0
49	Total Operation	0	0

<b>ELECTRIC OPERATION AND MAINTENANCE EXPENSES - Continued</b>			
Line No.	Account (a)	Amount for Year (b)	Increase or (Decrease) from Preceding Year (c)
1	<b>HYDRAULIC POWER GENERATION - Continued</b>		
2	Maintenance:		
3	541 Maintenance Supervision and engineering		0
4	542 Maintenance of structures		0
5	543 Maintenance or reservoirs, dams and waterways		0
6	544 Maintenance of electric plant		0
7	545 Maintenance of miscellaneous hydraulic plant		0
8	Total maintenance	0	0
9	Total power production expenses - hydraulic power	0	0
10	<b>OTHER POWER GENERATION</b>		0
11	Operation:		0
12	546 Operation supervision and engineering		0
13	547 Fuel		0
14	548 Generation Expenses		0
15	549 Miscellaneous other power generation expense		0
16	550 Rents		0
17	Total Operation	0	0
18	Maintenance:		
19	551 Maintenance supervision and engineering		0
20	552 Maintenance of Structures		0
21	553 Maintenance of generating and electric plant		0
22	554 Maintenance of miscellaneous other power generation plant		0
23	Total Maintenance	0	0
24	Total power production expenses - other power	0	0
25	<b>OTHER POWER SUPPLY EXPENSES</b>		
26	555 Purchased power	26,628,846	492,140
27	556 System control and load dispatching	104,458	(212,414)
28	557 Other expenses	98,989	(41,679)
29	Total other power supply expenses	26,832,293	238,047
30	Total power production expenses	26,832,293	238,047
31	<b>TRANSMISSION EXPENSES</b>		
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	4,696,847	(617,234)
39	566 Miscellaneous transmission expenses		
40	567 Rents		
41	Total Operation	4,696,847	(617,234)
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	0	0
50	Total transmission expenses	4,696,847	(617,234)

**ELECTRIC OPERATION AND MAINTENANCE EXPENSES - Continued**

Line No.	Account (a)	Amount for Year (b)	Increase or (Decrease) from Preceding Year (c)
1	<b>DISTRIBUTION EXPENSES</b>		
2	Operation:		
3	580 Operation supervision and engineering	1,448,912	108,709
4	581 Load dispatching (Operation Labor)	129,701	66,236
5	582 Station expenses	493,251	47,709
6	583 Overhead line expenses	407,379	111,648
7	584 Underground line expenses	64,766	(9,510)
8	585 Street lighting and signal system expenses	81,910	(11,788)
9	586 Meter expenses	15,497	12,722
10	587 Customer installations expenses	197,400	32,722
11	588 Miscellaneous distribution expenses	39,202	(11,728)
12	589 Rents		
13	Total operation	2,878,018	346,720
14	Maintenance:		
15	590 Maintenance supervision and engineering	105,840	21,081
16	591 Maintenance of structures	3,387	3,387
17	592 Maintenance of station equipment	99,052	(4,134)
18	593 Maintenance of overhead lines	647,990	118,028
19	594 Maintenance of underground lines	8,534	4,445
20	595 Maintenance of line transformers	1,163	(5,322)
21	596 Maintenance of street lighting and signal systems	0	(12,788)
22	597 Maintenance of meters	7,745	5,875
23	598 Maintenance of miscellaneous distribution plant		
24	Total maintenance	873,711	130,572
25	Total distribution expenses	3,751,729	477,292
26	<b>CUSTOMER ACCOUNTS EXPENSES</b>		
27	Operation:		
28	901 Supervision		
29	902 Meter reading expenses	158,674	20,337
30	903 Customer records and collection expenses	754,070	54,896
31	904 Uncollectible accounts	(21,227)	(125,623)
32	905 Miscellaneous customer accounts expenses (Energy Cons)	189,888	79,018
33	Total customer accounts expenses	1,081,405	28,628
34	<b>SALES EXPENSES</b>		
35	Operation:		
36	911 Supervision		
37	912 Demonstrating and selling expenses		
38	913 Advertising expenses		0
39	916 Miscellaneous sales expenses		
40	Total sales expenses	0	0
41	<b>ADMINISTRATIVE AND GENERAL EXPENSES</b>		
42	Operation:		
43	920 Administrative and general salaries	775,582	88,783
44	921 Office supplies and expenses	519,520	146,163
45	922 Administrative expenses transferred - Cr		
46	923 Outside services employed	249,468	(11,644)
47	924 Property insurance	208,250	(30,681)
48	925 Injuries and damages		
49	926 Employee pensions and benefits	1,716,219	(5,589,226)
50	928 Regulatory commission expenses		
51	929 Store Expense	22,616	(178,565)
52	930 Miscellaneous general expenses	140,511	24,162
53	931 Rents	0	(3,895)
54	Total operation	3,632,166	(5,554,903)



**ELECTRIC OPERATION AND MAINTENANCE EXPENSES - Continued**

Line No.	Account (a)	Amount for Year (b)	Increase or (Decrease) from Preceding Year (c)
1	<b>ADMINISTRATIVE AND GENERAL EXPENSES - Cont.</b>		
2	Maintenance:		
3	932 Maintenance of general plant	451,233	193,957
4	Total administrative and general expenses	451,233	193,957
5	Total Electric Operation and Maintenance Expenses	40,445,673	(5,234,213)

**SUMMARY OF ELECTRIC OPERATION AND MAINTENANCE EXPENSES**

Line No.	Functional Classification (a)	Operation (b)	Maintenance (c)	Total (d)
6	<b>Power Production Expenses</b>			
7	Electric Generation:			
8	Steam Power:			
9	Nuclear Power			
10	Hydraulic Power			
11	Other Power			
12	Other Power Supply Expenses	26,832,293		26,832,293
13	Total power production expenses	26,832,293		26,832,293
14	Transmission Expenses	4,696,847		4,696,847
15	Distribution Expenses	2,878,018	873,711	3,751,729
16	Customer Accounts Expenses	1,081,405		1,081,405
17	Sales Expenses			0
18	Administrative and General Expenses	3,632,166	451,233	4,083,399
19	Total Electric Operation and			
20	Maintenance Expenses	39,120,729	1,324,944	40,445,673

21 Ratio of operating expenses to operating revenues  
(carry out decimal two places, (e.g. 0.00%) 0.99

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. \$4,729,230

23 Total number of employees of electric department at end of year including administrative, operating, maintenance, construction and other employees (including part-time employees) 49

**TAXES CHARGED DURING THE YEAR**

1. This schedule is intended to give the account distribution of total taxes charged to operations and other final accounts during the year.	2. Do not include gasoline and other sales taxes which have been charged to accounts to which the material on which the tax was levied which the tax was levied was charged. If the actual or estimated amounts of such taxes are known, they should be shown as a footnote and designated whether estimated or actual amounts	3. The aggregate of each kind of tax should be listed under the appropriate heading of "Federal", "State" and "Local" in such manner that the total tax for each State and for all subdivisions can be readily ascertained.	4. The accounts to which the taxes charged were distributed should be shown in columns (c) to (f). Show both the utility department and number of account charged. For taxes charged to utility plant show the number of the appropriate balance sheet plant account or subaccount.	5. For any tax which it was necessary to apportion more than one utility department account, state in a footnote the basis of apportioning such tax.	6. Do not include in this schedule entries with respect to deferred income taxes, or taxes collected through payroll deductions or otherwise pending transmittal of such taxes to the taxing authority.			
Line No.	Kind of Tax (a)	Total Taxes Charged During Year (omit cents) (b)	Electric Acct 408,409 (c)	Gas Acct 408,409 (d)	(f)	(g)	(h)	(i)
1	local	20,215	20,215					
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								
21								
22								
23								
24								
25								
26								
27								
28	<b>TOTALS</b>	<b>20,215</b>	<b>20,215</b>	<b>20,215</b>				

**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		NONE			
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
31					
32					
33					
34					
35					
36					
37					
38					
39					
40					
41					
42					
43					
44					
45					
46					
47					
48					
49					
50					
51	TOTALS				

**OME 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,				0
3	allowances and returns				
4	Contract work	620,179			620,179
5	Commissions				
6	Other (list according to major classes)				
7					
8					
9					
10	Total Revenues	620,179	0	0	620,179
11					
12					
13	Costs and Expenses:				
14	Cost of sales (list according to major				
15	classes of cost)				
16					
17	Materials	0			0
18	Outside Service Labor				
19					
20					
21					
22					
23					
24					
25					
26	Sales Expenses				
27	Customer accounts expenses				
28	Administrative and general expenses				
29					
30					
31					
32					
33					
34					
35					
36					
37					
38					
39					
40					
41					
42					
43					
44					
45					
46					
47					
48					
49					
50	TOTAL COSTS AND EXPENSES	0	0	0	0
51	Net Profit (or loss)	620,179	0	0	620,179



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 (f)	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)		
							n/a	1
								2
								3
								4
								5
								6
								7
								8
								9
								10
								11
								12
								13
								14
								15
								16
								17
								18
								19
								20
								21
								22
								23
								24
								25
								26
								27
								28
								29
								30
								31
								32
								33
								34
								35
								36
								37
								38
								39
								40
								41
	TOTALS:	0	0.00	0.00		0.00		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.

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).

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

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 MINUTES	115KV	8,641,965	79,917	42,518	131,794	254,229	\$0.0294	1
60 MINUTES	115KV	2,176,678		10,709	0	10,709	\$0.0049	2
60 MINUTES	115KV	27,981,861	1,267,045	187,747	20,147	1,474,939	\$0.0527	3
60 MINUTES	115KV	105,495,617	8,201,128	704,113	8,420	8,913,661	\$0.0845	4
60 MINUTES	115KV	18,102,610	2,367,669	1,370,992	21,381	3,760,042	\$0.2077	5
60 MINUTES	115KV	268,216	359,665	52,471	18,880	431,016	\$1.6070	6
	115KV	17,359,388		1,179,304		1,179,304	\$0.0679	7
	115KV	8,821,712		505,925	(43,511)	462,414	\$0.0524	8
60 MINUTES	115KV	55,840,000	567,868	3,030,016		3,597,884	\$0.0644	9
	115KV	4,419,362		403,792	(65,080)	338,712	\$0.0766	10
	23KV	642,960		73,940		73,940	\$0.1150	11
	115KV	71,410,200		4,918,407		4,918,407	\$0.0689	12
								13
								14
								15
								16
								17
								18
								19
								20
								21
								22
								23
								24
								25
								26
								27
								28
								29
								30
								31
								32
								33
								34
								35
								36
								37
								38
								39
								40
								41
		321,160,569	12,843,292	12,479,934	92,031	25,415,257	0.0791	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.  
 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

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.

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	NEPEX	X			321,160,569	303,801,181	17,359,388	1,179,304
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12	TOTALS				321,160,569	303,801,181	17,359,388	1,179,304

B. Details of Settlement for Interchange Power

Line No.	Name of Company (i)	Explanation (j)	Amount (k)
13	NEPEX	INTERCHANGE EXPENSES	1,179,304
14			
15			
16			
17			
18			
19			
20			
21	TOTAL		1,179,304

**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	<b>SOURCES OF ENERGY</b>	
2	Generation	
3	Steam	
4	Nuclear	
5	Hydro	
6	Other	
7	Total Generation	
8	Purchases	303,801,181
9	(In (gross)	321,160,569
10	Interchanges	303,801,181
11	< Out (gross)	
12	( Net (Kwh)	17,359,388
13	Transmission for/by others (wheeling)	
14	( Received	
14	< Delivered	
14	( Net (Kwh)	
15	<b>TOTAL</b>	<b>321,160,569</b>
16	<b>DISPOSITION OF ENERGY</b>	
17	Sales to ultimate consumers (including interdepartmental sales)	309,390,354
18	Sales for resale	
19	Energy furnished without charge	474,371
20	Energy used by the company (excluding station use):	
21	Electric department only	
22	Energy losses	
23	Transmission and conversion losses	
24	Distribution losses	3.52% 11,295,844
25	Unaccounted for losses	
26	Total energy losses	11,295,844
27	Energy losses as percent of total on line 15	3.52%
28	<b>TOTAL</b>	<b>321,160,569</b>

### MONTHLY PEAKS AND OUTPUT

1. 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.

2. 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.

3. State type of monthly peak reading (instantaneous 15, 30, or 60 minutes integrated.)

4. Monthly output should be the sum of respondent's net generation and purchases plus or minus net interchange and plus or minus net transmission or wheeling. Total for the year should agree with line 15 above.

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

#### Annual Report of The Town of Danvers

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	54,202	Thursday	8	1800	60 min	29,244,355
30	February	52,330	Monday	16	1900	60 min	27,770,545
31	March	48,355	Thursday	5	1900	60 min	27,191,735
32	April	42,912	Thursday	9	1100	60 min	23,091,603
33	May	63,504	Thursday	28	1400	60 min	25,052,801
34	June	61,574	Tuesday	23	1700	60 min	25,977,012
35	July	71,424	Monday	20	1600	60 min	31,664,334
36	August	69,840	Tuesday	18	1400	60 min	31,758,588
37	September	72,058	Tuesday	8	1500	60 min	27,558,111
38	October	42,538	Tuesday	13	1700	60 min	23,402,427
39	November	45,648	Monday	30	1800	60 min	23,224,640
40	December	48,154	Wednesday	30	1800	60 min	25,224,418
41						<b>TOTAL</b>	<b>321,160,569</b>

**GENERATING STATIONS**

Pages 58 through 66

**GENERATING STATION STATISTICS (Large Stations)  
(Except Nuclear)**

Pages 58-59

Line No.	Item (a)	Plant (b)	Plant (c)	Plant (d)	Plant (e)
1	NONE				
2					
3					
4					
5					
6					

**STEAM GENERATING STATIONS**

Pages 60-61

Line No.	Item (a)	Plant (b)	Plant (c)	Plant (d)	Plant (e)
1	NONE				
2					
3					
4					
5					
6					

**HYDROELECTRIC GENERATING STATIONS**

Pages 62-63

Line No.	Item (a)	Plant (b)	Plant (c)	Plant (d)	Plant (e)
1	NONE				
2					
3					
4					
5					
6					

**COMBUSTION ENGINE AND OTHER GENERATING STATIONS**

Pages 64-65

Line No.	Item (a)	Plant (b)	Plant (c)	Plant (d)	Plant (e)
1	NONE				
2					
3					
4					
5					
6					

**GENERATING STATION STATISTICS (Small Stations)**

Page 66

Line No.	Item (a)	Plant (b)	Plant (c)	Plant (d)	Plant (e)
1	NONE				
2					
3					
4					
5					
6					

**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								
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								
21								
22								
23								
24								
25								
26								
27								
28								
29								
30								
31								
32								
33								
34								
35								
36								
37								
38								
39								
40								
41								
42								
43								
44								
45								
46								
47	TOTALS				0		0	

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

**SUBSTATIONS**

1. Report below the information called for concerning substations of the respondent as of the end of the year.  
 2. Substations which serve but one industrial or street railway customer should not be listed hereunder.  
 3. Substations with capacities of less than 5000 kva, except those serving customers with energy for resale, may be grouped according to functional character, but the number of such substations must be shown.  
 4. Indicate in column (b) the functional character of each substation, designating whether transmission or distribution and whether attended or unattended.  
 5. Show in columns (c), (d), and (e) special equipment such as rotary converters, recifiers, condensers, etc. and auxiliary equipment for increasing capacity. Designate substations or major items of equipment leased from others, jointly owned with others, or operated otherwise than by reason of sole ownership by the respondent. For any substation or equipment operated under lease, give name of lessor, date and period of lease and annual rent. For any substation or equipment operated other than by reason of sole ownership or lease, give name of co-owner or other party, explain basis of sharing expenses of other accounting between the parties, and state amounts and accounts affected in respondent's books of account. Specify in each case whether lessor, co-owner or other party is an associated company.

Line No.	Name and Location of Substation (a)	Character of Substation (b)	Voltage			Capacity of Substation in kva (In Service) (f)	Number of Transformers In Service (g)	Number of Spare Transformers (h)	Conversion Apparatus and Special Equipment		
			Primary (c)	Secondary (d)	Tertiary (e)				Type of Equipment (i)	Number of Units (j)	Total Capacity (k)
1	Danversport	Unattended Dist.	23,000	4,160		7,500	2				
2	Highlands	Unattended Dist.	23,000	4,160		10,000	1				
3	Hathorne	Unattended Dist.	23,000	2,400		2,000	1				
4	Hathorne	Unattended Dist.	23,000	4,160		3,750	1				
5	Pond St.	Unattended Dist.	23,000	4,160		22,500	2				
6	Northland	Unattended Dist.	23,000	4,160		7,500	1				
7	Conant St.	Unattended Dist.	23,000	4,160		7,500	1				
8	Wood Electric	Unattended Dist.	23,000	4,160		40,000	2				
9	South Danvers #42	Unattended Dist.	115,000	23,000		150,000	3				
10	Cabot Road	Unattended Dist.	23,000	4,160		30,000	2				
11											
12											
13											
14											
15											
16											
17											
18											
19											
20											
21											
22											
23											
24											
<b>TOTALS</b>						280,750	16	0			

**OVERHEAD DISTRIBUTION LINES OPERATED**

Line No.		Length (Pole Miles)		
		Wood Poles	Steel Towers	Total
1	Miles -- Beginning of Year	142.15	1.96	144.11
2	Added During Year			0.00
3	Retired During Year	0.96		0.96
4	Miles -- End of Year	141.19	1.96	143.15
5	*			
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				

**ELECTRIC DISTRIBUTION SERVICES, METERS AND LINE TRANSFORMERS**

Line No.	Item	Electric Services	Number of Watt-hour Meters	Line Transformers	
				Number	Total Capacity (kva)
16	Number at beginning of year:		14,170	2,388	246,978.5
17	Additions during year				
18	Purchased		0	62	5,899.5
19	Installed		52		
20	Associated with utility plant acquired				
21	Total Additions	0	52	62	5,899.5
22	Reductions during year:				
23	Retirements		(23)	55	6,868.0
24	Associated with utility plant sold				
25	Total Reductions	0		55	6,868.0
26	Number at end of year	0	14,245	2,395	246,010.0
27	In stock		826	257	33,238.0
28	Locked meters on customers' premises		63		
29	Inactive transformers on system				
30	In customers' use				
31	In company's use		13,258		
32	Number at end of year		14,147	257	33,238.0

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 (d)	Feet * (e)
1		37.12	37.12	23kv & 5kv	0
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
31					
32					
33					
34					
35					
36					
37					
38					
39					
40					
41					
42					
43					
44	TOTALS	37.12 Miles	37.12		0.000

\*indicate number of conductors per cable



**STREET LAMPS CONNECTED TO SYSTEM**

Line No.	City or Town (a)	Total (b)	Type							
			Incandescent		Mercury Vapor		Florescent & Quartz		Sodium	
			Municipal (c)	Other (d)	Municipal (e)	Other (f)	Municipal (g)	Other (h)	Municipal (i)	Other (j)
1	Danvers	3508				260			2848	400
2										
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										
13										
14										
15										
16										
17										
18										
19										
20										
21										
22										
23										
24										
25										
26										
27										
28										
29										
30										
31										
32										
33										
34										
35										
36										
37										
38										
39										
40										
41										
42										
43										
44										
45										
46										
47										
48										
49										
50										
51										
52	TOTALS	3508	0	0	0	260	0	0	2848	400

**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
		n/a		

THIS RETURN IS SIGNED UNDER THE PENALTIES OF PERJURY

Town Manager

Director of Public Works

Members  
of the  
Municipal  
Light  
Board

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

SS

19

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