

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,

2013

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

Official title: Town Accountant/DPW Business Mgr.

Leonard A. Marshall

Office address: 1 Sylvan Street, Town Hall

Danvers, MA 01923

GENERAL INFORMATION

1. Name of town (or city) making report. Danvers

2. If the town (or city) has acquired a plant,
 Kind of plant, whether gas or electric. 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, 01/03/1889

3. Name and address of manager of municipal lighting:
 Wayne P. Marquis Town Manager
 1 Sylvan Street, Town Hall, Danvers, MA 01923

4. Name and address of mayor or selectmen:
 Daine M. Langlais
 William H. Clark, Jr.
 David A. Mills 1 Sylvan Street, Town Hall, Danvers, MA 01923
 Daniel Bennett
 Gardner S. Trask

5. Name and address of town (or city) treasurer:
 Joseph L. Collins 1 Sylvan Street, Town Hall, Danvers, MA 01923

6. Name and address of town (or city) clerk:
 Joseph L. Collins 1 Sylvan Street, Town Hall, Danvers, MA 01923

7. Names and addresses of members of municipal light board:
 Walter Milano
 Joseph Younger 2 Burroughs Street, Danvers, MA 01923
 Peter R. Lovell

8. Total valuation of estates in town (or city) according to last State valuation
 (taxable) \$ 3,894,807,200

9. Tax rate for all purposes during the year:

Residential	\$14.85
Open Space	
Commercial/Industrial/Personal Property	\$20.90

10. Amount of manager's salary:

Town Manager	\$187,703
Utility Director	vacant

11. Amount of manager's bond:

12. Amount of salary paid to members of municipal light board (each): none

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	48,063,900
3		
4	TOTAL	
EXPENSES		
6	For operation, maintenance and repairs	43,512,300
7	For interest on bonds, notes or scrip	315,200
8	For depreciation fund (3-5 % as per page 9)	3,403,500
9	For sinking fund requirements	
10	For note payments	
11	For bond payments	
12	For loss in preceding year	
13	TOTAL	47,231,000
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	987,090
19	Of electricity to be used for street lights	166,706
20	Total of above items to be included in the tax levy	1,153,796
21		
22	New construction to be included in the tax levy	
23	Total amounts to be included in the tax levy	1,153,796

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	
	None	Danvers, MA	
TOTAL	0	TOTAL	0

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 <u>0</u>

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

1.	Street lights	166,706
2.	Municipal buildings	987,090
3.		
		TOTAL <u>1,153,796</u>

* 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	3,275,000		
5/19/2008	7/1/2010	4,400,000	variable	July	variable	July and January	3,650,000		
5/19/2008	7/7/2011	900,000	60,000	July	variable	July and January	780,000		
	TOTAL	13,126,121				TOTAL	7,705,000		

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	-
	07/15/05	750,000	750,000	07/14/06	3.75	07/14/06	-
	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
19-May-08	12/06/08	2,000,000	2,000,000	07/10/09	2.50	07/10/09	0
	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	700,000
TOTAL		20,294,444				TOTAL	700,000

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

TOTAL COST OF PLANT - ELECTRIC

1. Report below the cost of utility plant in service according to prescribed accounts
 2. Do not include as adjustments, corrections of additions and retirements for the current or the

preceding year. Such items should be included in column (c) or (d) as appropriate.
 3. Credit adjustments of plant accounts should be enclosed in parentheses to indicate the negative

effect of such amounts.
 4. Reclassifications or transfers within utility plant accounts should be shown in column (f).

Line No.	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		0	0	0	0	0	0
3							
4							
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					419,279
3	361 Structures and Improvements	460,730	9,975				470,705
4	362 Station Equipment	18,326,844	249,731				18,576,575
5	363 Storage Battery Equipment	0					0
6	364 Poles Towers and Fixtures	3,943,812	112,950				4,056,762
7	365 Overhead Conductors and Devices	11,122,020	521,143				11,643,163
8	366 Underground Conduit	1					1
9	367 Underground Conductors and Devices	3,629,111	71,259				3,700,370
10	368 Line Transformers	6,478,470	112,175				6,590,645
11	369 Services	1,175,434	112,836				1,288,270
12	370 Meters	5,929,479	536,411				6,465,890
13	371 Installations on Customer's Premises	364,361	8,662				373,023
14	372 Leased Prop on Customer's Premises	0					0
15	373 Streetlight and Signal Systems	2,348,494	60,396				2,408,890
16	Total Distribution Plant	54,198,035	1,795,538	0	0	0	55,993,573
17	5. GENERAL PLANT						
18	382 Computer Hardware/Software	1,812,011	2,304,771		181,554		4,298,336
19	389 Land and Land Rights	181,554	0		(181,554)		0
20	390 Structures and Improvements	3,108,143	152,000		196,593		3,456,736
21	391 Office Furniture and Equipment	580,258			(196,593)		383,665
22	392 Transportation Equipment	2,250,877	(14,384)		456,302		2,692,795
23	393 Stores Equipment	478,866			(478,866)		0
24	394 Tools, Shop and Garage Equipment	192,739			22,565		215,304
25	395 Laboratory Equipment	240,687					240,687
26	396 Power Operated Equipment	403,289					403,289
27	397 Communication Equipment	3,012,325	683,304				3,695,629
28	398 Miscellaneous Equipment	178,267					178,267
29	399 Other Tangible Property	1,432,326	125,510				1,557,836
30	Total General Plant	13,871,342	3,251,201	0	1	0	17,122,544
31	Total Electric Plant in Service	68,069,377	5,046,739	0	1	0	73,116,117
32							
33							
34							
		Total Cost of Electric Plant.....					73,116,117
		Less Cost of Land, Land Rights, Rights of Way.....					419,279
		Total Cost upon which Depreciation is based					72,696,838

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)	30,755,394	32,419,627	1,664,233
3	101	Utility Plant - Gas (P. 20)			0
4					
5		Total Utility Plant	30,755,394	32,419,627	1,664,233
6					
7					
8					
9					
10					
11		FUND ACCOUNTS			
12	125	Sinking Funds			0
13	126	Depreciation Fund (P. 14)	3,967,611	3,596,529	(371,082)
14	128	Other Special Funds	15,850,749	16,487,004	636,255
15		Total Funds	19,818,360	20,083,533	265,173
16		CURRENT AND ACCRUED ASSETS			
17	131	Cash (P. 14)	(45,756)	(693,552)	(647,796)
18	132	Special Deposits	546,867	780,564	233,697
19	135	Working Funds	37,176	32,176	(5,000)
20	141	Notes Receivable			0
21	142	Customer Accounts Receivable	4,656,480	5,724,417	1,067,937
22	143	Other Accounts Receivable	102,159	551,300	449,141
23	146	Receivables from Municipality	3,356,757	3,388,529	31,772
24	151	Materials and Supplies (P. 14)	2,419,875	2,444,855	24,980
25					
26	165	Prepayments	1,890,756	1,887,511	(3,245)
27	174	Miscellaneous Current Assets	423,618	436,086	12,468
28		Total Current and Accrued Assets	13,387,932	14,551,886	1,163,954
29		DEFERRED DEBITS			
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	63,961,686	67,055,046	3,093,360

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	-	-	0
3	SURPLUS			
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)	29,630,853	32,950,588	3,319,735
8	Total Surplus	31,964,357	35,284,092	3,319,735
9	LONG TERM DEBT			
10	221 Bonds (P. 6)	9,025,000	8,405,000	(620,000)
11	231 Notes Payable (P. 7)			0
12	Total Bonds and Notes	9,025,000	8,405,000	(620,000)
13	CURRENT AND ACCRUED LIABILITIES			
14	232 Accounts Payable	2,727,122	2,864,058	136,936
15	234 Payables to Municipality			0
16	235 Customers' Deposits	458,881	446,524	(12,357)
17	236 Taxes Accrued			0
18	237 Interest Accrued	189,624	174,859	(14,765)
19	242 Miscellaneous Current and Accrued Liabilities	4,868,325	5,243,964	375,639
20	Total Current and Accrued Liabilities	8,243,952	8,729,405	485,453
21	DEFERRED CREDITS			
22	251 Unamortized Premium on Debt			0
23	252 Customer Advances for Construction			0
24	253 Other Deferred Credits	14,523,932	14,414,489	(109,443)
25	Total Deferred Credits	14,523,932	14,414,489	(109,443)
26	RESERVES			
27	260 Reserves for Uncollectible Accounts	204,445	222,060	17,615
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	204,445	222,060	17,615
33	CONTRIBUTIONS IN AID OF CONSTRUCTION			
34	271 Contributions in Aid of Construction			0
35	Total Liabilities and Other Credits	63,961,686	67,055,046	3,093,360

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 and 43)	43,168,734	3,506,812
3	Operating Expenses:		
4	401 Operation Expense (p. 42 and 47)	37,873,579	2,536,099
5	402 Maintenance Expense	1,053,684	(64,901)
6	403 Depreciation Expense	3,382,505	318,326
7	407 Amortization of Property Losses		
8			
9	408 Taxes (P. 49)	7,292	2,732
10	Total Operating Expenses	42,317,060	2,792,256
11	Operating Income	851,674	714,556
12	414 Other Utility Operating Income (P. 50)		
13			
14	Total Operating Income	851,674	714,556
15	OTHER INCOME		
16	415 Income from Merchandising, Jobbing, and Contract Work (P. 51)	646,506	191,968
17	419 Interest Income	48,136	(33,770)
18	421 Miscellaneous Nonoperating Income (P. 21)	2,888,129	(1,164,874)
19	Total Other Income	3,582,771	(1,006,676)
20	Total Income	4,434,445	(292,120)
21	MISCELLANEOUS INCOME DEDUCTIONS		
22	425 Miscellaneous Amortization		
23	426 Other Income Deductions		
24	Total Income Deductions	0	
25	Income Before Interest Charges	4,434,445	(292,120)
26	INTEREST CHARGES		
27	427 Interest on Bonds and Notes	317,374	(25,958)
28	428 Amortization of Debt Discount and Expense		8,834
29	429 Amortization of Premium on Debt - Credit		
30	431 Other Interest Expense	(234)	(1,399)
31	432 Interest: Charged to Construction - Credit		
32	Total Interest Charges	317,140	(18,523)
33	NET INCOME	4,117,305	(273,597)
EARNED SURPLUS			
Line No.	Account (a)		
34	208 Unappropriated Earned Surplus (at beginning of period)		29,630,854
35	pending labor distribution adjustment		388
36			
37	433 Balance Transferred from Income		4,117,305
38	434 Miscellaneous Credits to Surplus (P. 21)		
39	435 Miscellaneous Debits to Surplus (P. 21)	797,959	
40	436 Appropriations of Surplus (P. 21)		
41	437 Surplus Applied to Depreciation		
42	208 Unappropriated Earned Surplus (at end of period)	32,950,588	
43			
44	TOTALS	33,748,547	33,748,547

CASH BALANCES AT END OF YEAR

Line No.	Items (a)	Amount (b)
1	Operation Fund	(693,552)
2	Interest Fund	
3	Bond Fund	
4	Construction Fund	
5		
6		
7		
8		
9		
10		
11		
12	TOTAL	

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)	2,444,855	
14	Fuel Stock Expenses (Account 152)		
15	Residuals (Account 153)		
16	Plant Materials and Operating Supplies (Account 154 (151))		
17	Merchandise (Account 155)		
18	Other Materials and Supplies (Account 156)		
19	Nuclear Fuel Assemblies and Components - In Reactor (Account 157)		
20	Nuclear Fuel Assemblies and Components - Stock Account (Account 158)		
21	Nuclear Byproduct Materials (Account 159)		
22	Stores Expense (Account 163)		
23	Total Per Balance Sheet	2,731,714	0

DEPRECIATION FUND ACCOUNT (Account 126)

Line No.	(a)	Amount (b)
24	DEBITS	
25	Balance of account at beginning of year	3,967,611
26	Income during year from balance on deposit (interest)	8,063
27	Amount transferred from income (depreciation)	5,296,648
28	Bond proceeds	
29	TOTAL	9,272,322
30	CREDITS	
31	Amount expended for construction purposes (Sec. 57,C.164 of G.L.)	
32	Amounts expended for renewals, viz:-	5,055,793
33	Prior Year adjustment	
34	Principal Payment	620,000
35		
36		
37		
38		
39	Balance on hand at end of year	3,596,529
40	TOTAL	9,272,322

UTILITY PLANT - ELECTRIC

Report below the cost of utility plant in service according to prescribed accounts not include as adjustments, corrections of additions and retirements for the current or the

preceding year. Such items should be included in column (c).
 3. Credit adjustments of plant accounts should be enclosed in parentheses to indicate the negative

effect of such amounts.
 4. Reclassifications or transfers within utility plant accounts should be shown in column (f).

Account (a)	Balance Beginning of Year (b)	Additions (c)	Depreciation (d)	Other Credits (e)	Adjustments Transfers (f)	Balance End of Year (g)
1. INTANGIBLE PLANT						
2. PRODUCTION PLANT						
A. Steam Production						
310 Land and Land Rights	0	0	0	0	0	0
311 Structures and Improvements						
312 Boiler Plant Equipment						
313 Engines and Engine Driven Generators						
314 Turbogenerator Units						
315 Accessory Electric Equipment						
316 Miscellaneous Power Plant Equipment						
Total Steam Production Plant	0	0	0	0	0	0
B. Nuclear Production Plant						
320 Land and Land Rights						
321 Structures and Improvements						
322 Reactor Plant Equipment						
323 Turbogenerator Units						
324 Accessory Electric Equipment						
325 Miscellaneous Power Plant Equipment						
Total Nuclear Production Plant	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	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					419,279
3	361 Structures and Improvements	90,991	9,975	23,037			77,929
4	362 Station Equipment	7,444,338	249,731	916,342			6,777,727
5	363 Storage Battery Equipment	0					0
6	364 Poles Towers and Fixtures	1,269,239	112,950	197,190			1,184,999
7	365 Overhead Conductors and Devices	5,765,463	521,143	556,101			5,730,505
8	366 Underground Conduit	0					0
9	367 Underground Conductors and Devices	894,116	71,259	181,456			783,919
10	368 Line Transformers	851,629	112,175	323,923			639,881
11	369 Services	104,225	112,836	58,772			158,289
12	370 Meters	4,225,719	536,411	296,474			4,465,656
13	371 Installations on Customer's Premises	311,959	8,662	18,218			302,403
14	372 Leased Prop on Customer's Premises	0					0
15	373 Streetlight and Signal Systems	773,066	60,396	117,425			716,037
16	Total Distribution Plant	22,150,024	1,795,538	2,688,938	0	0	21,256,624
17	5. GENERAL PLANT						
18	382 Computer Hardware	1,750,180	1,768,021	87,841			3,430,360
19	383 Computer Software	230,362	536,750	11,838			755,274
20	389 Land and Land Rights	0					0
21	390 Structures and Improvements	1,295,610	152,000	165,237			1,282,373
22	391 Office Furniture and Equipment	99,179		19,183			79,996
23	392 Transportation Equipment	1,523,926	(14,384)	135,359			1,374,183
24	393 Stores Equipment	0					0
25	394 Tools, Shop and Garage Equipment	99,733		10,764			88,969
26	395 Laboratory Equipment	116,221		12,035			104,186
27	396 Power Operated Equipment	150,810		20,165			130,645
28	397 Communication Equipment	2,729,749	683,304	150,616			3,262,437
29	398 Miscellaneous Equipment	60,504		8,914			51,590
30	399 Other Tangible Property	549,098	125,510	71,615			602,993
31	Total General Plant	8,605,372	3,251,201	693,567	0	0	11,163,006
32	Total Electric Plant in Service	30,755,396	5,046,739	3,382,505	0	0	32,419,630
33	104 Utility Plant Leased to Others	0					0
34	105 Property Held for Future Use	0					0
35	107 Construction Work in Progress	0					0
36	Total Utility Plant Electric	30,755,396	5,046,739	3,382,505	0	0	32,419,630

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)	Quantity (h)	Cost (i)	Quantity (j)	Cost (k)
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	MMWEC flush of funds	710,067
2	Collection/NSF Charges	15,188
3	Sports Fields Floodlights	2,004
4	Other Income	255,783
5	Smart Grid Grant reclass	1,905,087
6	TOTAL	2,888,129
OTHER INCOME DEDUCTIONS (Account 426)		
Line No.	Item (a)	Amount (b)
7		
8		
9		
10		
11		
12		
13		
14	TOTAL	0
MISCELLANEOUS CREDITS TO SURPLUS (Account 434)		
Line No.	Item (a)	Amount (b)
15		
16	none	
17		
18		
19		
20		
21		
22		
23	TOTAL	0
MISCELLANEOUS DEBITS TO SURPLUS (Account 435)		
Line No.	Item (a)	Amount (b)
24	In Lieu of Taxes - Town of Danvers	797,959
25		
26		
27		
28		
29		
30		
31		
32	TOTAL	797,959
APPROPRIATIONS OF SURPLUS (Account 436)		
Line No.	Item (a)	Amount (b)
33		
34	none	
35		
36		
37		
38		
39		
40	TOTAL	0

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)	1,928,181	279,635	14.5025	
6	444-3	Municipal Power	7,901,476	933,169	11.8101	
7						
8						
9						
10						
11						
12		TOTALS	9,829,657	1,212,804	12.3382	
13	444-1	Street Lighting:	1,130,562	162,257	14.3519	
14						
15						
16						
17						
18		TOTALS	1,130,562	162,257	14.3519	
19		TOTALS	10,960,219	1,375,061	12.5459	
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	
24						
25						
26						
27						
28						
29		TOTALS		331,386,159	23,872,519	7.2038
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			n/a
31						
32						
33						
34						
35						
36						
37						
38						
39		TOTALS		0	0	

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	400.000	Domestic A	94,084,705	14,689,741	0.1561	11,039	11,117
2	400.100	Domestic Heat D					
3	442.100	Small Commercial B	25,514,458	3,874,988	0.1519	1,365	1,365
4	442.200	Large Commercial C-II	137,106,344	17,956,896	0.1310	382	388
5	442.300	Large Commercial AMC	49,629,230	6,309,159	0.1271	17	17
6	444.100	Streetlighting	1,130,562	162,257	0.1435	1	1
7	444.200	Municipal Power MB	1,928,181	279,635	0.1450	106	107
8	444.300	Municipal Power MC	7,901,476	933,169	0.1181	17	17
9	445.000	Protective Lighting	921,495	166,926	0.1811	197	200
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
TOTAL SALES TO ULTIMATE CONSUMERS (page 37 Line 11)			318,216,451	44,372,771	0.1394	13,124	13,212

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		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	NUCLEAR POWER GENERATION		
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	HYDRAULIC POWER GENERATION		
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

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		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	OTHER POWER GENERATION		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	OTHER POWER SUPPLY EXPENSES		
26	555 Purchased power	24,910,444	2,059,250
27	556 System control and load dispatching	711,685	193,753
28	557 Other expenses	116,386	22,622
29	Total other power supply expenses	25,738,515	2,275,625
30	Total power production expenses	25,738,515	2,275,625
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	4,942,257	772,795
39	566 Miscellaneous transmission expenses		
40	567 Rents		
41	Total Operation	4,942,257	772,795
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	4,942,257	772,795

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	1,216,064	118,617
4	581 Load dispatching (Operation Labor)	86,150	15,854
5	582 Station expenses	394,188	(65,171)
6	583 Overhead line expenses	294,735	(12,699)
7	584 Underground line expenses	57,182	25,545
8	585 Street lighting and signal system expenses	61,986	2,127
9	586 Meter expenses	(5,977)	(11,566)
10	587 Customer installations expenses	181,061	43,646
11	588 Miscellaneous distribution expenses	47,230	(37,574)
12	589 Rents		
13	Total operation	2,332,619	78,779
14	Maintenance:		
15	590 Maintenance supervision and engineering	61,896	(9,996)
16	591 Maintenance of structures		(29,509)
17	592 Maintenance of station equipment	180,001	(1,979)
18	593 Maintenance of overhead lines	454,250	134,830
19	594 Maintenance of underground lines	48,062	42,443
20	595 Maintenance of line transformers	10,702	(25,674)
21	596 Maintenance of street lighting and signal systems	4,214	(1,815)
22	597 Maintenance of meters	1,200	1,200
23	598 Maintenance of miscellaneous distribution plant		(1,667)
24	Total maintenance	760,325	107,833
25	Total distribution expenses	3,092,944	186,612
26	CUSTOMER ACCOUNTS EXPENSES		
27	Operation:		
28	901 Supervision		
29	902 Meter reading expenses	214,492	(30,745)
30	903 Customer records and collection expenses	709,616	59,463
31	904 Uncollectible accounts	54,602	41,575
32	905 Miscellaneous customer accounts expenses (Energy Cons)	106,886	(684,163)
33	Total customer accounts expenses	1,085,596	(613,870)
34	SALES EXPENSES		
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	ADMINISTRATIVE AND GENERAL EXPENSES		
42	Operation:		
43	920 Administrative and general salaries	622,913	(7,120)
44	921 Office supplies and expenses	349,421	21,145
45	922 Administrative expenses transferred - Cr		
46	923 Outside services employed	215,554	(178,929)
47	924 Property insurance	149,765	(42,885)
48	925 Injuries and damages		
49	926 Employee pensions and benefits	2,029,730	(50,744)
50	928 Regulatory commission expenses		
51	929 Store Expense	286,859	73,745
52	930 Miscellaneous general expenses	120,350	(15,941)
53	931 Rents		(4,500)
54	Total operation	3,774,592	(205,229)

ELECTRIC OPERATION AND MAINTENANCE EXPENSES - Continued

Line No.	Account (a)	Amount for Year (b)	Increase or (Decrease) from Preceding Year (c)
1	ADMINISTRATIVE AND GENERAL EXPENSES - Cont.		
2	Maintenance:		
3	932 Maintenance of general plant	293,359	(172,737)
4	Total administrative and general expenses	293,359	(172,737)
5	Total Electric Operation and Maintenance Expenses	38,927,263	2,243,196

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			
12	Other Power Supply Expenses	25,738,515		25,738,515
13	Total power production expenses	25,738,515		25,738,515
14	Transmission Expenses	4,942,257		4,942,257
15	Distribution Expenses	2,332,619	760,325	3,092,944
16	Customer Accounts Expenses	1,085,596		1,085,596
17	Sales Expenses			0
18	Administrative and General Expenses	3,774,592	293,359	4,067,951
19	Total Electric Operation and			
20	Maintenance Expenses	37,873,579	1,053,684	38,927,263

21 Ratio of operating expenses to operating revenues

(carry out decimal two places, (e.g.. 0.00%)

Compute by dividing Revenues (Acct 400) into the sum of Operation and Maintenance Expenses (Page 42, line 20 (d), Depreciation (Acct 403) and Amortization (Acct 407)

0.98

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

4,455,358

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

47

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				

TAXES CHARGED DURING THE YEAR									
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	local	7,292	7,292						
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	TOTALS								

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

2. Do not include gasoline and other sales taxes which have been charged to accounts to which the material on which the tax was levied which the tax was levied was charged. If the actual or estimated amounts of such taxes are known, they should be shown as a footnote and designated whether estimated or actual amounts.

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

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

5. For any tax which it was necessary to apportion more than one utility department account, state in a footnote the basis of apportioning such tax.

6. Do not include in this schedule entries with respect to deferred income taxes, or taxes collected through payroll deductions or otherwise pending transmittal of such taxes to the taxing authority.

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	646,506			646,506
5	Commissions				
6	Other (list according to major classes)				
7					
8					
9					
10	Total Revenues	646,506	0	0	646,506
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)	646,506	0	0	646,506

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)		
							n/a	1
								2
								3
								4
								5
								6
								7
								8
								9
								10
								11
								12
								13
								14
								15
								16
								17
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								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.

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 MINUTES	115KV	8,768,516	75,493	43,145	181,903	300,541	\$0.0343	1
60 MINUTES	115KV	364,925		1,181		1,181	\$0.0032	2
60 MINUTES	115KV	25,006,882	1,812,190	180,821		1,993,011	\$0.0797	3
60 MINUTES	115KV	121,541,309	9,427,378	996,997		10,424,375	\$0.0858	4
60 MINUTES	115KV	9,522,331	1,070,909	929,164		2,000,073	\$0.2100	5
60 MINUTES	115KV	268,112	356,799	44,390		401,189	\$1.4963	6
	115KV	96,117,000		4,798,838		4,798,838	\$0.0499	7
	115KV	10,238,294		597,398		597,398	\$0.0583	8
60 MINUTES	115KV	28,160,000	268,203	1,331,462		1,599,665	\$0.0568	9
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								41
		299,987,369	13,010,972	8,923,396	181,903	22,116,271	0.0737	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 (a)	Delivered (f)	Net Difference (g)	
1	NEPEX	X			331,386,159	299,987,369	31,398,790	1,756,247
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12	TOTALS				331,386,159	299,987,369	31,398,790	1,756,247

B. Details of Settlement for Interchange Power

Line No.	Name of Company (j)	Explanation (i)	Amount (k)
13	NEPEX	INTERCHANGE EXPENSES	1,756,247
14			
15			
16			
17			
18			
19			
20			
21	TOTAL		1,756,247

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	
7	Total Generation	
8	Purchases	299,987,369
9	(In (gross)	331,386,159
10	Interchanges	299,987,369
11	(Net (Kwh)	31,398,790
12	(Received	
13	Transmission for/by others (wheeling)	0
14	(Delivered	
14	(Net (Kwh)	0
15	TOTAL	331,386,159
16	DISPOSITION OF ENERGY	
17	Sales to ultimate consumers (including interdepartmental sales)	318,216,451
18	Sales for resale	
19	Energy furnished without charge	959,311
20	Energy used by the company (excluding station use):	
21	Electric department only	
22	Energy losses	
23	Transmission and conversion losses	
24	Distribution losses	3.68% 12,210,397
25	Unaccounted for losses	
26	Total energy losses	12,210,397
27	Energy losses as percent of total on line 15	3.68%
28	TOTAL	331,386,159

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	55,555	Thursday	24	1800	60 min	29,195,553
30	February	50,803	Monday	4	1900	60 min	25,902,945
31	March	49,190	Thursday	7	1900	60 min	26,671,641
32	April	43,373	Tuesday	2	2000	60 min	24,034,399
33	May	66,989	Friday	31	1700	60 min	25,322,859
34	June	75,830	Monday	24	1700	60 min	29,005,270
35	July	79,517	Friday	19	1600	60 min	35,354,799
36	August	65,693	Wednesday	21	1700	60 min	30,341,692
37	September	73,152	Wednesday	11	1600	60 min	26,322,516
38	October	47,808	Wednesday	2	1500	60 min	25,037,696
39	November	50,083	Monday	25	1800	60 min	25,453,243
40	December	54,922	Tuesday	17	1800	60 min	28,743,546
41						TOTAL	331,386,159

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)		
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46								
47	TOTALS				0		0	

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

SUBSTATIONS

Line No.	Name and Location of Substation (a)	Character of Substation (b)	Voltage			Capacity of Substation (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											
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21											
22											
23											
24											
TOTALS						280,750	16	0			

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

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				
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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:			2,388	246978.5
17	Additions during year:				
18	Purchased			62	5899.5
19	Installed				
20	Associated with utility plant acquired				
21	Total Additions	0	0	62	5899.5
22	Reductions during year:				
23	Retirements			55	6868.0
24	Associated with utility plant sold				
25	Total Reductions	0		55	6868.0
26	Number at end of year	0	0	2,395	246010.0
27	In stock			257	33238.0
28	Locked meters on customers' premises				
29	Inactive transformers on system				
30	In customers' use				
31	In company's use				
32	Number at end of year	0		257	33238.0

Line No.	Designation of Underground System	Miles of Conduit Bank (All Sizes and Types)		Underground Cable		Submarine Cable	
		(a)	(b)	Miles * (c)	Operating Voltage (d)	Feet * (e)	Operating Voltage (f)
1		37.12		37.12	23kv & 5kv	0	
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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										
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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

Wayne P. Keegan
John A. Keegan

Town Manager

Director of Public Works

Walter K. Milano

Peter R. Lovell

Joseph L. ...

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

