

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,

2018

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
INCOME FROM PRIVATE CONSUMERS:		
1	From sales of gas	
2	From sales of electricity	39,442,453
3		
4		
	TOTAL	39,442,453
EXPENSES		
6	For operation, maintenance and repairs	35,472,607
7	For interest on bonds, notes or scrip	196,580
8	For depreciation fund (3-5 % as per page 9)	2,590,400
9	For sinking fund requirements	
10	For note payments	
11	For bond payments	
12	For loss in preceding year	
13		
	TOTAL	38,259,587
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	944,916
19	Of electricity to be used for street lights	108,058
20	Total of above items to be included in the tax levy	1,052,974
21		
22	New construction to be included in the tax levy	
23	Total amounts to be included in the tax levy	1,052,974

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	13,281
TOTAL	0	TOTAL	13,281

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 108,058
- 2. Municipal buildings 944,916
- 3.

TOTAL 1,052,974

* 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		Interest		Amount Outstanding at End of Year
			Amounts	When Payable	Rate	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	1,711,700
5/19/2008	7/1/2010	4,400,000	variable	July	variable	July and January	2,415,000
5/19/2008	7/7/2011	900,000	variable	July	variable	July and January	480,000
5/19/2008	7/15/2014	684,543	variable	July	variable	July and January	545,000
	TOTAL	13,810,664				TOTAL	5,151,700

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			Interest When Payable	Amount Outstanding at End of Year
			Amounts	When Payable	Rate		
05/17/04	02/04/05	1,000,000					0
	07/15/05	750,000					0
	02/03/06	1,000,000					0
	07/14/06	1,750,000					0
	12/08/06	2,700,000					0
	07/13/07	4,394,444					0
05/19/08	12/06/08	2,000,000					0
	07/10/09	4,400,000					0
	07/09/10	900,000					0
	05/10/12	700,000					0
	7/3/2013	700,000					0
	TOTAL	20,294,444				TOTAL	0

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

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

- TOTAL COST OF PLANT - ELECTRIC**
1. Report below the cost of utility plant in service 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

4. effect of such amounts. 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							
3							
4		0					0
5	2. PRODUCTION PLANT						
6	A. Steam Production						
7	310 Land and Land Rights						
8	311 Structures and Improvements						
9	312 Boiler Plant Equipment						
10	313 Engines and Engine Driven Generators						
11	314 Turbogenerator Units						
12	315 Accessory Electric Equipment						
13	316 Miscellaneous Power Plant Equipment						
15	Total Steam Production Plant	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	422,409	0				253,539	
3	361 Structures and Improvements	488,345	0		(168,870)		488,345	
4	362 Station Equipment	19,813,641	264,934				20,078,575	
5	363 Storage Battery Equipment	0	0				0	
6	364 Poles Towers and Fixtures	4,541,463	249,708				4,791,171	
7	365 Overhead Conductors and Devices	13,808,943	547,648				14,356,591	
8	366 Underground Conduit	446,376	0				446,376	
9	367 Underground Conductors and Devices	4,448,214	205,569				4,653,783	
10	368 Line Transformers	7,237,243	29,723				7,266,966	
11	369 Services	1,440,071	32,605				1,472,676	
12	370 Meters	4,940,785	41,412				4,982,197	
13	371 Installations on Customer's Premises	617,039	0				617,039	
14	372 Leased Prop on Customer's Premises	0	0				0	
15	373 Streetlight and Signal Systems	4,325,381	1,064,314				5,389,695	
16	Total Distribution Plant	62,529,910	2,435,913	0	(168,870)	0	64,796,953	
17	5. GENERAL PLANT							
18	382 Computer Hardware/Software	5,216,356	0				5,216,356	
19	389 Land and Land Rights	0	0				0	
20	390 Structures and Improvements	4,732,397	26,033				4,758,430	
21	391 Office Furniture and Equipment	544,357	0				544,357	
22	392 Transportation Equipment	3,865,183	231,091				4,096,274	
23	393 Stores Equipment	0	0				0	
24	394 Tools, Shop and Garage Equipment	215,304	3,854				219,158	
25	395 Laboratory Equipment	240,687	0				240,687	
26	396 Power Operated Equipment	437,708	0				437,708	
27	397 Communication Equipment	4,503,703	97,490				4,601,193	
28	398 Miscellaneous Equipment	178,267	0				178,267	
29	399 Other Tangible Property	1,664,028	0				1,664,028	
30	Total General Plant	21,597,990	358,468	0	0	0	21,956,458	
31	Total Electric Plant in Service	84,127,900	2,794,381	0	(168,870)	0	86,753,411	
33							86,753,411	
34							253,539	
							86,499,872	

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.

Total Cost of Electric Plant.....

Less Cost of Land, Land Rights, Rights of Way.....

Total Cost upon which Depreciation is based

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)	33,856,668	33,971,014	114,346
3	101	Utility Plant - Gas (P. 20)			0
4					
5		Total Utility Plant	33,856,668	33,971,014	114,346
6					
7					
8					
9					
10					
11		FUND ACCOUNTS			
12	125	Sinking Funds			0
13	126	Depreciation Fund (P. 14)	2,306,961	1,484,086	(822,875)
14	128	Other Special Funds	14,605,968	15,210,071	604,103
15		Total Funds	16,912,929	16,694,157	(218,772)
16		CURRENT AND ACCRUED ASSETS			
17	131	Cash (P. 14)	4,447,371	5,526,712	1,079,341
18	132	Special Deposits	561,622	793,530	231,908
19	135	Working Funds	109,257	116,730	7,473
20	141	Notes Receivable			0
21	142	Customer Accounts Receivable	4,990,223	4,969,989	(20,234)
22	143	Other Accounts Receivable	430,827	720,312	289,485
23	146	Receivables from Municipality	2,245,155	1,936,437	(308,718)
24	151	Materials and Supplies (P. 14)	2,562,120	2,629,723	67,603
25					
26	165	Prepayments	1,084,945	1,476,559	391,614
27	174	Miscellaneous Current Assets	589,130	616,355	27,225
28		Total Current and Accrued Assets	17,020,650	18,786,347	1,765,697
29		DEFERRED DEBITS			
30	181	Unamortized Debt Discount			
31	182	Extraordinary Property Losses			
32	185	Other Deferred Debits	1,210,232	927,700	(282,532)
33		Total Deferred Debits	1,210,232	927,700	(282,532)
34					
35		Total Assets and Other Debits	69,000,479	70,379,218	1,378,739

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)	36,287,413	31,866,924	(4,420,489)
8		Total Surplus	38,620,917	34,200,428	(4,420,489)
9		LONG TERM DEBT			
10	221	Bonds (P. 6)	5,736,700	5,151,700	(585,000)
11	231	Notes Payable (P. 7)			0
12		Total Bonds and Notes	5,736,700	5,151,700	(585,000)
13		CURRENT AND ACCRUED LIABILITIES			
14	232	Accounts Payable	2,469,696	2,882,096	412,400
15	234	Payables to Municipality			0
16	235	Customers' Deposits	464,256	480,394	16,138
17	236	Taxes Accrued			0
18	237	Interest Accrued	130,201	115,798	(14,403)
19	242	Miscellaneous Current and Accrued Liabilities	11,702,022	17,124,540	5,422,518
20		Total Current and Accrued Liabilities	14,766,175	20,602,828	5,836,653
21		DEFERRED CREDITS			
22	251	Unamortized Premium on Debt			0
23	252	Customer Advances for Construction			0
24	253	Other Deferred Credits	9,686,188	10,231,756	545,568
25		Total Deferred Credits	9,686,188	10,231,756	545,568
26		RESERVES			
27	260	Reserves for Uncollectible Accounts	190,500	192,431	1,931
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	190,500	192,431	1,931
33		CONTRIBUTIONS IN AID OF CONSTRUCTION			
34	271	Contributions in Aid of Construction			0
35		Total Liabilities and Other Credits	69,000,480	70,379,143	1,378,663

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)	38,864,404	(1,441,811)
3	Operating Expenses:		
4	401 Operation Expense (p. 42 and 47)	32,797,118	(4,477,772)
5	402 Maintenance Expense	885,262	(42,958)
6	403 Depreciation Expense	2,511,165	113,946
7	407 Amortization of Property Losses		
8			
9	408 Taxes (P. 49)	21,589	(26,906)
10	Total Operating Expenses	36,215,134	(4,433,690)
11	Operating Income	2,649,270	2,991,879
12	414 Other Utility Operating Income (P. 50)		
13			
14	Total Operating Income	2,649,270	2,991,879
15	OTHER INCOME		
16	415 Income from Merchandising, Jobbing, and Contract Work (P. 51)	772,347	729,287
17	419 Interest Income	383,684	145,101
18	421 Miscellaneous Nonoperating Income (P. 21)	743,417	(3,003,558)
19	Total Other Income	1,899,448	(2,129,170)
20	Total Income	4,548,718	862,709
21	MISCELLANEOUS INCOME DEDUCTIONS		
22	425 Miscellaneous Amortization		
23	426 Other Income Deductions		
24	Total Income Deductions	0	0
25	Income Before Interest Charges	4,548,718	862,709
26	INTEREST CHARGES		
27	427 Interest on Bonds and Notes	209,505	(25,476)
28	428 Amortization of Debt Discount and Expense	0	0
29	429 Amortization of Premium on Debt - Credit		
30	431 Other Interest Expense	5,186	2,303
31	432 Interest: Charged to Construction - Credit		
32	Total Interest Charges	214,691	(23,173)
33	NET INCOME	4,334,027	885,882
EARNED SURPLUS			
Line No.	Account (a)		
34	208 Unappropriated Earned Surplus (at beginning of period)	28,291,797	(5,980,467)
35	pending labor distribution adjustment		
36			
37	433 Balance Transferred from Income	4,334,027	885,882
38	434 Miscellaneous Credits to Surplus (P. 21)	0	(148,773)
39	435 Miscellaneous Debits to Surplus (P. 21)	(758,900)	822,869
40	436 Appropriations of Surplus (P. 21)		
41	437 Surplus Applied to Depreciation		
42	208 Unappropriated Earned Surplus (at end of period)	31,866,924	(4,420,489)
43			
44	TOTALS	31,866,924	(4,420,489)

CASH BALANCES AT END OF YEAR			
Line No.	Items (a)	Amount (b)	
1	Operation Fund	5,526,712	
2	Interest Fund		
3	Bond Fund		
4	Construction Fund		
5			
6			
7			
8			
9			
10			
11			
12	TOTAL	5,526,712	
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))	2,629,723	
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)	201,231	
23	Total Per Balance Sheet	2,830,954	0
DEPRECIATION FUND ACCOUNT (Account 126)			
Line No.	(a)	Amount (b)	
24	DEBITS		
25	Balance of account at beginning of year		2,306,961
26	Income during year from balance on deposit (interest)		42,646
27	Amount transferred from income (depreciation)		2,511,165
28	Bond proceeds		0
29	TOTAL		4,860,772
30	CREDITS		
31	Amount expended for construction purposes (Sec. 57,C.164 of G.L.)		2,791,686
32	Amounts expended for renewals,viz:-		0
33	Prior Year adjustment		0
34	Principal Payment		585,000
35			
36			
37			
38			
39	Balance on hand at end of year		1,484,086
40	TOTAL		4,860,772

UTILITY PLANT - ELECTRIC							
<p>1. Report below the cost of utility plant in service according to prescribed accounts</p> <p>2. Do not include as adjustments, corrections of additions and retirements for the current or the</p>		<p>3. Credit adjustments of plant accounts should be enclosed in parentheses to indicate the negative</p>		<p>4. Reclassifications or transfers within utility plant accounts should be shown in column (f).</p>			
Line No.	Account (a)	Balance Beginning of Year (b)	Additions (c)	Depreciation (d)	Other Credits (e)	Adjustments Transfers (f)	Balance End of Year (g)
1	1. INTANGIBLE PLANT						
2							
3							
4	2. PRODUCTION PLANT						
5	A. Steam Production						
6	310 Land and Land Rights						
7	311 Structures and Improvements						
8	312 Boiler Plant Equipment						
9	313 Engines and Engine Driven Generators						
10	314 Turbogenerator Units						
11	315 Accessory Electric Equipment						
12	316 Miscellaneous Power Plant Equipment						
13	Total Steam Production Plant	0	0	0	0	0	0
14	B. Nuclear Production Plant						
15	320 Land and Land Rights						
16	321 Structures and Improvements						
17	322 Reactor Plant Equipment						
18	323 Turbogenerator Units						
19	324 Accessory Electric Equipment						
20	325 Miscellaneous Power Plant Equipment						
21	Total Nuclear Production Plant	0	0	0	0	0	0
22							
23							

UTILITY PLANT -- ELECTRIC (Continued)

Line No.	Account	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	422,409	0	0		(168,870)	253,539
3	361 Structures and Improvements	23,902	0	14,650			9,252
4	362 Station Equipment	5,214,802	264,934	594,409			4,885,327
5	363 Storage Battery Equipment	0	0	0			0
6	364 Poles Towers and Fixtures	1,036,131	249,708	136,244			1,149,595
7	365 Overhead Conductors and Devices	6,057,613	547,648	414,268			6,190,993
8	366 Underground Conduit	431,833	0	13,391			418,442
9	367 Underground Conductors and Devices	965,900	205,568	133,446			1,038,022
10	368 Line Transformers	272,868	29,723	217,117			85,474
11	369 Services	109,584	32,604	43,202			98,986
12	370 Meters	3,864,853	41,412	148,224			3,758,041
13	371 Installations on Customer's Premises	473,983	0	18,511			455,472
14	372 Leased Prop on Customer's Premises	0	0	0			0
15	373 Streetlight and Signal Systems	2,233,594	1,064,314	129,761			3,168,147
16	Total Distribution Plant	21,107,472	2,435,911	1,863,223	0	(168,870)	21,511,290
17	5. GENERAL PLANT						
18	382 Computer Hardware	3,558,164	0	127,418			3,430,746
19	383 Computer Software	822,054	0	29,073			792,981
20	389 Land and Land Rights	0	0	0			0
21	390 Structures and Improvements	1,922,528	26,034	141,972			1,806,590
22	391 Office Furniture and Equipment	176,416	0	16,331			160,085
23	392 Transportation Equipment	2,094,845	231,091	115,955			2,209,981
24	393 Stores Equipment	0	0	0			0
25	394 Tools, Shop and Garage Equipment	56,673	3,854	6,459			54,068
26	395 Laboratory Equipment	68,083	0	7,221			60,862
27	396 Power Operated Equipment	102,506	0	13,132			89,374
28	397 Communication Equipment	3,456,736	97,490	135,111			3,419,115
29	398 Miscellaneous Equipment	24,849	0	5,348			19,501
30	399 Other Tangible Property	466,342	0	49,921			416,421
31	Total General Plant	12,749,196	358,469	647,941	0	0	12,459,724
32	Total Electric Plant in Service	33,856,668	2,794,380	2,511,164	0	(168,870)	33,971,014
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	33,856,668	2,794,380	2,511,164	0	(168,870)	33,971,014

PRODUCTION FUEL AND OIL STOCKS (Included in Account 151)

(Except Nuclear Materials)

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

Line No.	Item (a)	Total Cost (b)	Kinds of Fuel and Oil			
			Quantity (c)	Cost (d)	Quantity (e)	Cost (f)
1	On Hand Beginning of Year	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)
14	On Hand Beginning of Year					
15	Received During Year					
16	TOTAL					
17	Used During Year (Note A)					
18						
19						
20						
21						
22						
23						
24	Sold or Transferred					
25	TOTAL DISPOSED OF					
26	BALANCE END OF YEAR					

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

MISCELLANEOUS NONOPERATING INCOME (Account 421)		
Line No.	Item (a)	Amount (b)
1	MMWEC flush of funds	128,777
2	Collection/NSF Charges	10,128
3	Sports Fields Floodlights	2,004
4	Other Income	500,433
5	Receipt of rebate for DOER LED Street Light Grant	102,075
6	TOTAL	743,417
OTHER INCOME DEDUCTIONS (Account 426)		
Line No.	Item (a)	Amount (b)
7		
8	none	
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	758,900
25		
26		
27		
28		
29		
30		
31		
32	TOTAL	758,900
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)	1,845,658	256,079	13.8747
6	444-3	Municipal Power	7,091,587	871,660	12.2915
7					
8					
9					
10					
11					
12		TOTALS	8,937,245	1,127,739	12.6184
13	444-1	Street Lighting:	729,337	98,527	13.5091
14					
15					
16					
17					
18		TOTALS	729,337	98,527	13.5091
19		TOTALS	9,666,582	1,226,266	12.6856

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)	160,538,608	7,725,016	4.8119
21	NEPEX	Town Line (115kV)	16,991,260	724,992	4.2669
22	Nextera	Town Line (115kV)	115,565,100	3,798,538	3.2869
23	Brown Bear	Town Line (115kV)	8,634,280	414,102	4.7960
24	Saddleback	Town Line (115kV)	8,798,110	672,757	7.6466
25	Canton Mountain	Town Line (115kV)	6,321,330	607,315	9.6074
26	Classico/Cherry Hill	Dist System (23kV)	1,875,184	190,712	10.1703
27					
28					
29		TOTALS	318,723,872	14,133,432	4.4344

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	

1. Report below the amount of operating revenue for the year for each prescribed account and the amount of increase or decrease over the preceding year.

2. If increases and decreases are not derived from previously reported figures, explain any inconsistencies.

3. Number of customers should be reported on the basis of meters, plus number of late rate accounts except where separate meter readings are added for billing purposes, one customer shall be counted for each group of meters so added. The average number sales should be given in a footnote.

4. Unmetered sales should be included below. The details of such services, such as water heating, etc., indicate in a footnote the number greater than 1000 KW. See Account 442 of the Uniform System of Accounts. Explain basis of Classification.

Line No.	Account (a)	Operating Revenues			Kilowatt-hours Sold			Average Number of Customers per Month	
		Amount for Year (b)	Increase or (Decrease) from Preceding Year (c)	Amount for Year (d)	Increase or (Decrease) from Preceding Year (e)	Number for Year (f)	Increase or (Decrease) from Preceding Year (g)		
1	SALES OF ELECTRICITY								
2	440 Residential Sales	13,791,487	(10,360)	95,198,769	4,544,768	11,362	28		
3	442 Commercial and Industrial Sales								
4	Small Commercial B Sales	3,714,430	87,747	26,026,795	1,938,376	1,435	53		
5	Large Commercial C Sales	21,149,519	(1,424,560)	175,144,564	(104,433)	346	(59)		
6	444 Municipal Sales	1,226,266	(44,294)	9,666,582	311,953	130	(1)		
7	445 Other Sales to Public Authorities								
8	446 Sales to Railroads and Railways								
9	448 Interdepartmental Sales								
10	449 Miscellaneous Sales	169,715	(926)	903,503	0	168	0		
11	Total Sales to Ultimate Consumers	40,051,417	(1,392,393)	306,940,213	6,690,664	13,441	21		
12	447 Sales for Resale								
13	Total Sales of Electricity*	40,051,417	(1,392,393)	306,940,213	6,690,664	13,441	21		
14	OTHER OPERATING REVENUES								
15	450 Forfeited Discounts	(1,188,813)	(49,418)						
16	451 Miscellaneous Service Revenues								
17	453 Sales of Water and Water Power								
18	454 Rent from Electric Property								
19	455 Interdepartmental Rents	1,800	0						
20	456 Other Electric Revenues								
21									
22									
23									
24									
25	Total Other Operating Revenues	(1,187,013)	(49,418)						
26	Total Electric Operating Revenue	38,864,404	(1,441,811)						

* Includes revenues from application of fuel clauses \$ 16,099,389

Total KWH to which applied 306,004,901

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	95,198,769	13,791,487	0.1449	11,350	11,374
2	400.100	Domestic Heat D					
3	442.100	Small Commercial B	26,026,795	3,714,430	0.1427	1,438	1,432
4	442.200	Large Commercial C-II	124,014,194	15,101,350	0.1218	329	326
5	442.300	Large Commercial AMC	51,130,370	6,048,169	0.1183	18	18
6	444.100	Streetlighting	729,337	98,527	0.1351	1	1
7	444.200	Municipal Power MB	1,845,658	256,079	0.1387	114	114
8	444.300	Municipal Power MC	7,091,587	871,660	0.1229	15	15
9	445.000	Protective Lighting	903,503	169,715	0.1878	167	168
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
TOTAL SALES TO ULTIMATE CONSUMERS (page 37 Line 11)			306,940,213	40,051,417	0.1305	13,432	13,448

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	19,880,475	(904,661)
27	556 System control and load dispatching	417,310	65,900
28	557 Other expenses	146,243	32,714
29	Total other power supply expenses	20,444,028	(806,047)
30	Total power production expenses	20,444,028	(806,047)
31	TRANSMISSION EXPENSES		
32	Operation:		
33	560 Operation supervision and engineering		
34	561 Load dispatching		
35	562 Station expenses		
36	563 Overhead line expenses		
37	564 Underground line expenses		
38	565 Transmission of electricity by others	5,517,485	41,309
39	566 Miscellaneous transmission expenses		
40	567 Rents		
41	Total Operation	5,517,485	41,309
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	5,517,485	41,309

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	1,572,347	155,706
4	581 Load dispatching (Operation Labor)	79,881	15,599
5	582 Station expenses	516,925	(116,714)
6	583 Overhead line expenses	429,305	141,212
7	584 Underground line expenses	90,891	9,915
8	585 Street lighting and signal system expenses	40,679	(32,134)
9	586 Meter expenses	833	(356)
10	587 Customer installations expenses	173,843	1,295
11	588 Miscellaneous distribution expenses	33,170	(1,850)
12	589 Rents		
13	Total operation	2,937,874	172,673
14	Maintenance:		
15	590 Maintenance supervision and engineering	153,747	41,611
16	591 Maintenance of structures	0	0
17	592 Maintenance of station equipment	64,877	(10,097)
18	593 Maintenance of overhead lines	362,888	(54,264)
19	594 Maintenance of underground lines	7,679	(4,525)
20	595 Maintenance of line transformers	2,314	723
21	596 Maintenance of street lighting and signal systems	204	204
22	597 Maintenance of meters	6,441	266
23	598 Maintenance of miscellaneous distribution plant		
24	Total maintenance	598,150	(26,082)
25	Total distribution expenses	3,536,024	146,591
26	CUSTOMER ACCOUNTS EXPENSES		
27	Operation:		
28	901 Supervision	0	0
29	902 Meter reading expenses	119,406	(39,859)
30	903 Customer records and collection expenses	828,106	(5,683)
31	904 Uncollectible accounts	52,067	26,629
32	905 Miscellaneous customer accounts expenses (Energy Cons)	242,961	(5,819)
33	Total customer accounts expenses	1,242,540	(24,732)
34	SALES EXPENSES		
35	Operation:		
36	911 Supervision		
37	912 Demonstrating and selling expenses		
38	913 Advertising expenses	0	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	1,076,564	71,313
44	921 Office supplies and expenses	579,227	151,061
45	922 Administrative expenses transferred - Cr		0
46	923 Outside services employed	442,905	134,832
47	924 Property insurance	208,975	(15)
48	925 Injuries and damages		0
49	926 Employee pensions and benefits	64,967	(4,099,323)
50	928 Regulatory commission expenses		0
51	929 Store Expense	201,231	(47,036)
52	930 Miscellaneous general expenses	81,322	(71,807)
53	931 Rents	0	0
54	Total operation	2,655,191	(3,860,975)

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	287,112	(16,876)
4	Total administrative and general expenses	2,942,303	(3,877,851)
5	Total Electric Operation and Maintenance Expenses	33,682,380	(4,520,730)

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	20,444,028		20,444,028
13	Total power production expenses	20,444,028		20,444,028
14	Transmission Expenses	5,517,485		5,517,485
15	Distribution Expenses	2,937,874	598,150	3,536,024
16	Customer Accounts Expenses	1,242,540		1,242,540
17	Sales Expenses	0		0
18	Administrative and General Expenses	2,655,191	287,112	2,942,303
19	Total Electric Operation and			
20	Maintenance Expenses	32,797,118	885,262	33,682,380

- 21 Ratio of operating expenses to operating revenues
(carry out decimal two places, (e.g.. 0.00%) 0.93
Compute by dividing Revenues (Acct 400) into the sum of Operation
and Maintenance Expenses (Page 42, line 20 (d), Depreciation (Acct 403)
and Amortization (Acct 407)
- 22 Total salaries and wages of electric department for year, including
amounts charged to operating expenses, construction and other
accounts. \$5,050,391
- 23 Total number of employees of electric department at end of year
including administrative, operating, maintenance, construction and
other employees (including part-time employees) 61

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

TAXES CHARGED DURING THE YEAR
 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 (i). Show both the utility department and number of account charged. For taxes charged to utility plant show the number of the appropriate balance sheet plant account or subaccount.

5. For any tax which it was necessary to apportion more than one utility department account, state in a footnote the basis of apportioning such tax.
 6. Do not include in this schedule entries with respect to deferred income taxes, or taxes collected through payroll deductions or otherwise pending transmittal of such taxes to the taxing authority.

Line No.	Kind of Tax (a)	Total Taxes Charged During Year (omit cents) (b)	Electric Acct 408,409 (c)	Gas Acct 408,409 (d)	(e)	(f)	(g)	(h)	(i)
1									
2	local	21,589	21,589						
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	21,589	21,589						

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	772,347			772,347
5	Commissions				
6	Other (list according to major classes)				
7					
8					
9					
10	Total Revenues	772,347	0	0	772,347
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)	772,347	0	0	772,347

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
								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.

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	10,589,420	(83,624)	55,352	164,462	136,190	\$0.0129	1
60 MINUTES	115KV	324,120	14,140	1,560	27,640	43,340	\$0.1337	2
60 MINUTES	115KV	28,194,886	912,334	179,884	19,225	1,111,443	\$0.0394	3
60 MINUTES	115KV	111,921,043	3,398,907	649,408	7,092	4,055,407	\$0.0362	4
60 MINUTES	115KV	8,751,690	1,114,012	699,576	28,498	1,842,086	\$0.2105	5
60 MINUTES	115KV	764,580	370,596	148,722	17,284	536,602	\$0.7018	6
	115KV	16,991,260		724,992		724,992	\$0.0427	7
	115KV	8,634,279		426,247	(12,144)	414,103	\$0.0480	8
60 MINUTES	115KV	53,986,000	(965,765)	2,219,659		1,253,894	\$0.0232	9
	115KV	61,629,100		2,544,645		2,544,645	\$0.0413	10
	115KV	8,798,110		828,918	(156,161)	672,757	\$0.0765	11
	23KV	1,286,670		143,463		143,463	\$0.1115	12
	23KV	588,514		47,249		47,249	\$0.0803	13
	115KV	6,321,333		632,514		632,514	\$0.1001	14
								15
								16
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								41
		318,781,005	4,760,600	9,302,189	95,896	14,158,685	0.0444	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			318,781,005	301,789,745	16,991,260	724,992
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12	TOTALS				318,781,005	301,789,745	16,991,260	724,992

B. Details of Settlement for Interchange Power

Line No.	Name of Company (i)	Explanation (j)	Amount (k)
13	NEPEX	INTERCHANGE EXPENSES	724,992
14			
15			
16			
17			
18			
19			
20			
21	TOTAL		724,992

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	301,789,745
9	(In (gross)	318,781,005
10	Interchanges	
11	< Out (gross)	301,789,745
12	(Net (Kwh)	
13	Transmission for/by others (wheeling)	
14	(Received	
15	< Delivered	0
16	(Net (Kwh)	0
17	TOTAL	318,781,005
18	DISPOSITION OF ENERGY	
19	Sales to ultimate consumers (including interdepartmental sales)	306,940,213
20	Sales for resale	
21	Energy furnished without charge	653,400
22	Energy used by the company (excluding station use):	
23	Electric department only	
24	Energy losses	
25	Transmission and conversion losses	
26	Distribution losses	3.51% 11,187,392
27	Unaccounted for losses	
28	Total energy losses	11,187,392
29	Energy losses as percent of total on line 15	3.51%
30	TOTAL	318,781,005

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	55,728	Friday	5	1800	60 min	29,311,701
30	February	47,894	Friday	2	1800	60 min	23,696,840
31	March	45,130	Wednesday	7	1800	60 min	25,682,742
32	April	41,702	Monday	2	1100	60 min	22,810,143
33	May	49,651	Thursday	3	1400	60 min	23,899,172
34	June	60,422	Monday	18	1600	60 min	25,484,235
35	July	70,704	Tuesday	3	1700	60 min	32,015,949
36	August	75,053	Wednesday	29	1400	60 min	33,135,938
37	September	70,445	Thursday	6	1500	60 min	26,011,457
38	October	51,379	Wednesday	10	1700	60 min	23,699,271
39	November	46,022	Thursday	15	1800	60 min	24,565,333
40	December	49,162	Tuesday	18	1800	60 min	26,535,910
41						TOTAL	316,848,691

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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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 (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 the 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	Pond St.	Unattended Dist.	23,000	4,160		22,500	2				
5	Northland	Unattended Dist.	23,000	4,160		7,500	1				
6	Conant St.	Unattended Dist.	23,000	4,160		7,500	1				
7	Wood Electric	Unattended Dist.	23,000	4,160		40,000	2				
8	South Danvers #42	Unattended Dist.	115,000	23,000		150,000	3				
9	Cabot Road	Unattended Dist.	23,000	4,160		30,000	2				
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11											
12											
13											
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23											
24											
TOTALS						277,000	15	0			

OVERHEAD DISTRIBUTION LINES OPERATED				
Line No.		Length (Pole Miles)		
		Wood Poles	Steel Towers	Total
1	Miles -- Beginning of Year	139.53	1.96	141.49
2	Added During Year	0.00		0.00
3	Retired During Year	0.08		0.08
4	Miles -- End of Year	139.45	1.96	141.41
5	*			
6				
7				
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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:			2,385	244,626.0
17	Additions during year				
18	Purchased			6	3,225.0
19	Installed				
20	Associated with utility plant acquired				
21	Total Additions	0	0	6	3,225.0
22	Reductions during year:				
23	Retirements			55	3,224.0
24	Associated with utility plant sold			1	300.0
25	Total Reductions	0		56	3,524.0
26	Number at end of year	0	0	2,335	244,327.0
27	In stock			234	33,684.5
28	Locked meters on customers' premises				
29	Inactive transformers on system				
30	In customers' use				
31	In company's use			2,101	210642.5
32	Number at end of year		0	2,335	244,327.0

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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)	Operating Voltage (f)
1		38.09	38.09	23kv & 5kv	0	
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TOTALS		38.09 Miles	38.09		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	3487			34	193			2828	432
2										
3										
4										
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51										
52	TOTALS	3487	0	0	34	193	0	0	2828	432

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

[Handwritten Signature]

June 11, 2019

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

20

Then personally appeared

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

Notary Public or
Justice of the Peace