

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,

2016

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	45,048,662	
3			
4	TOTAL	45,048,662	
5	EXPENSES		
6	For operation, maintenance and repairs	38,846,366	
7	For interest on bonds, notes or scrip	219,431	
8	For depreciation fund (3-5 % as per page 9)	2,429,288	
9	For sinking fund requirements		
10	For note payments		
11	For bond payments		
12	For loss in preceding year		
13	TOTAL	41,495,085	
14			
15	COST:		
16	Of gas to be used for municipal buildings		
17	Of gas to be used for street lights		
18	Of electricity to be used for municipal buildings	1,123,252	
19	Of electricity to be used for street lights	128,408	
20	Total of above items to be included in the tax levy	1,251,660	
21			
22	New construction to be included in the tax levy		
23	Total amounts to be included in the tax levy	1,251,660	
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	13,229
TOTAL	0	TOTAL	13,229

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	128,408
2.	Municipal buildings	1,123,252
3.		
		TOTAL <u>1,251,660</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	7/1/2008	4,847,221	variable	July	variable	July and January	2,261,700		
5/19/2008	7/1/2010	4,400,000	variable	July	variable	July and January	2,905,000		
5/19/2008	7/7/2011	900,000	variable	July	variable	July and January	600,000		
5/19/2008	7/15/2014	684,543	variable	July	variable	July and January	615,000		
	TOTAL	13,810,664				TOTAL	6,381,700		

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 Rate	Interest When Payable	Amount Outstanding at End of Year	Interest	
			Amounts	When Payable				When Payable	Rate
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			0
	TOTAL		20,294,444				TOTAL		

The bonds and notes outstanding at end of year should agree with the Balance Sheet.
 When bond and notes are repaid report the first three columns only
 * Date of meeting and whether regular or special
 ** List original issues of bonds and notes including those that have been repaid

TOTAL COST OF PLANT - ELECTRIC

1. Report below the cost of utility plant in service according to prescribed accounts
 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	0	0	0	0	0	0
2							
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	3,130				422,409
3	361 Structures and Improvements	488,345	0				488,345
4	362 Station Equipment	18,656,576	226,209				18,882,785
5	363 Storage Battery Equipment	0	0				0
6	364 Poles Towers and Fixtures	4,323,857	121,130				4,444,987
7	365 Overhead Conductors and Devices	12,722,270	535,979				13,258,249
8	366 Underground Conduit	38,390	407,986				446,376
9	367 Underground Conductors and Devices	3,814,983	45,374				3,860,357
10	368 Line Transformers	6,834,139	223,391				7,057,530
11	369 Services	1,379,077	24,336				1,403,413
12	370 Meters	6,617,242	22,913				6,640,155
13	371 Installations on Customer's Premises	520,735	96,301				617,036
14	372 Leased Prop on Customer's Premises	0	0				0
15	373 Streetlight and Signal Systems	2,535,846	961,536				3,497,382
16	Total Distribution Plant	58,360,739	2,668,285	0	0	0	61,019,024
17	5. GENERAL PLANT						
18	382 Computer Hardware/Software	5,211,233	3,957				5,215,190
19	389 Land and Land Rights	0	0				0
20	390 Structures and Improvements	4,696,422	6,100				4,702,522
21	391 Office Furniture and Equipment	487,457	14,616				502,073
22	392 Transportation Equipment	3,204,616	304,979				3,509,595
23	393 Stores Equipment	0	0				0
24	394 Tools, Shop and Garage Equipment	215,304	0				215,304
25	395 Laboratory Equipment	240,687	0				240,687
26	396 Power Operated Equipment	437,708	0				437,708
27	397 Communication Equipment	4,355,276	77,905				4,433,181
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	20,690,998	407,557	0	0	0	21,098,555
31	Total Electric Plant in Service	79,041,737	3,075,842	0	0	0	82,117,579
33	Total Cost of Electric Plant.....						82,117,579
34	Less Cost of Land, Land Rights, Rights of Way.....						422,409
	Total Cost upon which Depreciation is based.....						81,695,170

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)	31,672,090	32,389,294	717,204
3	101	Utility Plant - Gas (P. 20)			0
4					
5		Total Utility Plant	31,672,090	32,389,294	717,204
6					
7					
8					
9					
10					
11		FUND ACCOUNTS			
12	125	Sinking Funds			0
13	126	Depreciation Fund (P. 14)	6,163,555	4,369,854	(1,793,701)
14	128	Other Special Funds	13,443,533	14,294,723	851,190
15		Total Funds	19,607,088	18,664,577	(942,511)
16		CURRENT AND ACCRUED ASSETS			
17	131	Cash (P. 14)	(3,209,943)	(1,143,437)	2,066,506
18	132	Special Deposits	602,849	572,790	(30,059)
19	135	Working Funds	48,271	48,271	0
20	141	Notes Receivable			0
21	142	Customer Accounts Receivable	5,325,618	5,125,170	(200,448)
22	143	Other Accounts Receivable	608,723	726,031	117,308
23	146	Receivables from Municipality	3,068,844	2,529,601	(539,243)
24	151	Materials and Supplies (P. 14)	2,575,834	2,970,190	394,356
25					
26	165	Prepayments	3,028,421	1,482,030	(1,546,391)
27	174	Miscellaneous Current Assets	515,260	547,218	31,958
28		Total Current and Accrued Assets	12,563,877	12,857,864	293,987
29		DEFERRED DEBITS			
30	181	Unamortized Debt Discount			
31	182	Extraordinary Property Losses			
32	185	Other Deferred Debits	0	1,460,643	1,460,643
33		Total Deferred Debits	0	1,460,643	1,460,643
34					
35		Total Assets and Other Debits	63,843,055	65,372,378	1,529,323

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)	35,863,225	34,272,264	(1,590,961)
8		Total Surplus	38,196,729	36,605,768	(1,590,961)
9		LONG TERM DEBT			
10	221	Bonds (P. 6)	7,125,000	6,381,700	(743,300)
11	231	Notes Payable (P. 7)			0
12		Total Bonds and Notes	7,125,000	6,381,700	(743,300)
13		CURRENT AND ACCRUED LIABILITIES			
14	232	Accounts Payable	2,602,898	1,642,924	(959,974)
15	234	Payables to Municipality			0
16	235	Customers' Deposits	513,935	481,795	(32,140)
17	236	Taxes Accrued			0
18	237	Interest Accrued	158,966	142,965	(16,001)
19	242	Miscellaneous Current and Accrued Liabilities	5,617,717	10,504,455	4,886,738
20		Total Current and Accrued Liabilities	8,893,516	12,772,139	3,878,623
21		DEFERRED CREDITS			
22	251	Unamortized Premium on Debt			0
23	252	Customer Advances for Construction			0
24	253	Other Deferred Credits	9,414,489	9,414,489	0
25		Total Deferred Credits	9,414,489	9,414,489	0
26		RESERVES			
27	260	Reserves for Uncollectible Accounts	213,321	198,282	(15,039)
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	213,321	198,282	(15,039)
33		CONTRIBUTIONS IN AID OF CONSTRUCTION			
34	271	Contributions in Aid of Construction			0
35		Total Liabilities and Other Credits	63,843,055	65,372,378	1,529,323

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)	42,291,849	(1,791,346)
3	Operating Expenses:		
4	401 Operation Expense (p. 42 and 47)	37,678,151	(1,442,578)
5	402 Maintenance Expense	863,263	(461,681)
6	403 Depreciation Expense	2,358,638	(679,684)
7	407 Amortization of Property Losses		
8			
9	408 Taxes (P. 49)	28,854	8,639
10	Total Operating Expenses	40,928,906	(2,575,304)
11	Operating Income	1,362,943	783,958
12	414 Other Utility Operating Income (P. 50)		
13			
14	Total Operating Income	1,362,943	783,958
15	OTHER INCOME		
16	415 Income from Merchandising, Jobbing, and Contract Work (P. 51)	906,913	286,734
17	419 Interest Income	121,204	77,622
18	421 Miscellaneous Nonoperating Income (P. 21)	1,008,925	(1,025,219)
19	Total Other Income	2,037,042	(660,863)
20	Total Income	3,399,985	123,095
21	MISCELLANEOUS INCOME DEDUCTIONS		
22	425 Miscellaneous Amortization		
23	426 Other Income Deductions		
24	Total Income Deductions	0	0
25	Income Before Interest Charges	3,399,985	123,095
26	INTEREST CHARGES		
27	427 Interest on Bonds and Notes	247,935	(43,185)
28	428 Amortization of Debt Discount and Expense	(99,714)	(99,714)
29	429 Amortization of Premium on Debt - Credit		
30	431 Other Interest Expense	2,312	6,511
31	432 Interest: Charged to Construction - Credit		
32	Total Interest Charges	150,533	(136,388)
33	NET INCOME	3,249,452	259,483
EARNED SURPLUS			
Line No.	Account (a)		
34	208 Unappropriated Earned Surplus (at beginning of period)	35,863,225	2,189,104
35	pending labor distribution adjustment		
36			
37	433 Balance Transferred from Income	3,249,452	259,486
38	434 Miscellaneous Credits to Surplus (P. 21)	5,783,305	5,783,305
39	435 Miscellaneous Debits to Surplus (P. 21)	(10,623,718)	(9,822,856)
40	436 Appropriations of Surplus (P. 21)		
41	437 Surplus Applied to Depreciation		
42	208 Unappropriated Earned Surplus (at end of period)	34,272,264	(1,590,961)
43			
44	TOTALS	34,272,264	(3,181,922)

CASH BALANCES AT END OF YEAR			
Line No.	Items (a)	Amount (b)	
1	Operation Fund	(1,143,437)	
2	Interest Fund		
3	Bond Fund		
4	Construction Fund		
5			
6			
7			
8			
9			
10			
11			
12	TOTAL		(1,143,437)
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)	2,970,190	
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	3,245,166	0
DEPRECIATION FUND ACCOUNT (Account 126)			
Line No.	(a)	Amount (b)	
24	DEBITS		
25	Balance of account at beginning of year	6,163,555	
26	Income during year from balance on deposit (interest)	31,941	
27	Amount transferred from income (depreciation)	2,358,638	
28	Bond proceeds	187,302	
29	TOTAL	8,741,436	
30	CREDITS		
31	Amount expended for construction purposes (Sec. 57,C.164 of G.L.)	3,075,842	
32	Amounts expended for renewals, viz:-		
33	Prior Year adjustment	1,197	
34	Principal Payment	1,294,543	
35			
36			
37			
38			
39	Balance on hand at end of year	4,369,854	
40	TOTAL	8,741,436	

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

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	3,130	0			422,409
3	361 Structures and Improvements	53,204	0	14,650			38,554
4	362 Station Equipment	5,183,918	226,209	559,697			4,850,430
5	363 Storage Battery Equipment	0	0	0			0
6	364 Poles Towers and Fixtures	1,081,591	121,130	129,716			1,073,005
7	365 Overhead Conductors and Devices	5,750,356	535,979	381,649			5,904,686
8	366 Underground Conduit	38,390	407,988	1,152			445,226
9	367 Underground Conductors and Devices	562,929	45,374	114,450			493,853
10	368 Line Transformers	286,514	223,391	205,024			304,881
11	369 Services	132,064	24,336	41,372			115,028
12	370 Meters	4,031,084	22,913	198,517			3,855,480
13	371 Installations on Customer's Premises	411,815	96,301	15,622			492,494
14	372 Leased Prop on Customer's Premises	0	0	0			0
15	373 Streetlight and Signal Systems	625,056	961,535	76,075			1,510,516
16	Total Distribution Plant	18,576,200	2,668,286	1,737,924	0	0	19,506,562
17	5. GENERAL PLANT.						
18	382 Computer Hardware	3,807,688	3,956	127,248			3,684,396
19	383 Computer Software	880,200	0	29,073			851,127
20	389 Land and Land Rights	0	0	0			0
21	390 Structures and Improvements	2,168,521	6,100	140,893			2,033,728
22	391 Office Furniture and Equipment	149,202	14,616	14,624			149,194
23	392 Transportation Equipment	1,635,704	304,979	96,138			1,844,545
24	393 Stores Equipment	0	0	0			0
25	394 Tools, Shop and Garage Equipment	69,591	0	6,459			63,132
26	395 Laboratory Equipment	82,524	0	7,221			75,303
27	396 Power Operated Equipment	128,768	0	13,131			115,637
28	397 Communication Equipment	3,571,963	77,905	130,658			3,519,210
29	398 Miscellaneous Equipment	35,545	0	5,348			30,197
30	399 Other Tangible Property	566,184	0	49,921			516,263
31	Total General Plant	13,095,890	407,556	620,714	0	0	12,882,732
32	Total Electric Plant in Service	31,672,090	3,075,842	2,358,638	0	0	32,389,294
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	31,672,090	3,075,842	2,358,638	0	0	32,389,294

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			

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	520,983
2	Collection/NSF Charges	13,435
3	Sports Fields Floodlights	2,004
4	Other Income	285,201
5	Receipt of ARRA Federal Stimulus Funds	187,302
6	TOTAL	1,008,925
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	Adjustment of pension payments made before measurement date	(5,783,305)
16	(Audit adjusting entry)	
17		
18		
19		
20		
21		
22		
23	TOTAL	(5,783,305)
MISCELLANEOUS DEBITS TO SURPLUS (Account 435)		
Line No.	Item (a)	Amount (b)
24	In Lieu of Taxes - Town of Danvers	798,046
25	Net pension liability beginning balance adjustment (Audit adjusting entry)	9,825,672
26		
27		
28		
29		
30		
31		
32	TOTAL	10,623,718
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)	1,740,721	260,166	14.9459
6	444-3	Municipal Power	7,394,045	930,478	12.5842
7					
8					
9					
10					
11					
12		TOTALS	9,134,766	1,190,644	13.0342
13	444-1	Street Lighting:	1,124,006	166,964	14.8544
14					
15					
16					
17					
18		TOTALS	1,124,006	166,964	14.8544
19		TOTALS	10,258,772	1,357,608	13.2336

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)	164,148,186	13,938,390	8.4913
21	Shell	Town Line (115kV)	39,621,700	1,608,245	4.0590
22	Nextera	Town Line (115kV)	65,796,900	3,773,654	5.7353
23	Brown Bear	Town Line (115kV)	7,701,134	393,977	5.1158
24	Saddleback		9,135,639	601,668	6.5859
25	Classico		1,410,001	162,150	11.5000
26	NEPEX		28,306,562	1,445,557	5.1068
27					
28					
29		TOTALS	316,120,122	21,923,641	6.9352

SALES FOR RESALE (Account 447)

Line No.	Names of Utilities to Which Electric Energy is sold (a)	Where and at What Voltage Delivered (b)	K.W.H (c)	Amount (d)	Revenue per KWH (cents) (0.0000) (e)
30					n/a
31		n/a			
32					
33					
34					
35					
36					
37					
38					
39		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)	
						Jun 30 (e)	Dec 31 (f)
1	400.000	Domestic A	91,248,998	14,499,933	0.1589	11,288	11,306
2	400.100	Domestic Heat D					
3	442.100	Small Commercial B	24,659,872	3,833,251	0.1554	1,385	1,384
4	442.200	Large Commercial C-II	131,284,751	17,629,811	0.1343	383	386
5	442.300	Large Commercial AMC	45,300,000	5,944,888	0.1312	18	19
6	444.100	Streetlighting	1,124,006	166,964	0.1485	1	1
7	444.200	Municipal Power MB	1,740,721	260,166	0.1495	115	115
8	444.300	Municipal Power MC	7,394,045	930,478	0.1258	15	18
9	445.000	Protective Lighting	903,503	175,359	0.1941	173	171
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
TOTAL SALES TO ULTIMATE CONSUMERS (page 37 Line 11)			303,655,896	43,440,850	0.1431	13,378	13,400

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 of 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	24,054,355	(2,574,491)
27	556 System control and load dispatching	289,019	184,561
28	557 Other expenses	114,662	15,673
29	Total other power supply expenses	24,458,036	(2,374,257)
30	Total power production expenses	24,458,036	(2,374,257)
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	5,295,797	598,950
39	566 Miscellaneous transmission expenses		
40	567 Rents		
41	Total Operation	5,295,797	598,950
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	5,295,797	598,950

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	1,443,320	(5,592)
4	581 Load dispatching (Operation Labor)	47,148	(82,553)
5	582 Station expenses	535,481	42,230
6	583 Overhead line expenses	277,008	(130,371)
7	584 Underground line expenses	38,240	(26,526)
8	585 Street lighting and signal system expenses	38,575	(43,335)
9	586 Meter expenses	10,860	(4,637)
10	587 Customer installations expenses	185,911	(11,489)
11	588 Miscellaneous distribution expenses	33,105	(6,097)
12	589 Rents		
13	Total operation	2,609,648	(268,370)
14	Maintenance:		
15	590 Maintenance supervision and engineering	101,353	(4,487)
16	591 Maintenance of structures	0	(3,387)
17	592 Maintenance of station equipment	137,792	38,740
18	593 Maintenance of overhead lines	355,412	(292,578)
19	594 Maintenance of underground lines	6,951	(1,583)
20	595 Maintenance of line transformers	1,753	590
21	596 Maintenance of street lighting and signal systems	2,522	2,522
22	597 Maintenance of meters	6,075	(1,670)
23	598 Maintenance of miscellaneous distribution plant		
24	Total maintenance	611,858	(261,853)
25	Total distribution expenses	3,221,506	(530,223)
26	CUSTOMER ACCOUNTS EXPENSES		
27	Operation:		
28	901 Supervision	45	45
29	902 Meter reading expenses	185,444	26,770
30	903 Customer records and collection expenses	800,869	46,799
31	904 Uncollectible accounts	103,887	125,114
32	905 Miscellaneous customer accounts expenses (Energy Cons)	525,708	335,820
33	Total customer accounts expenses	1,615,953	534,548
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	890,756	115,174
44	921 Office supplies and expenses	467,821	(51,699)
45	922 Administrative expenses transferred - Cr		0
46	923 Outside services employed	218,313	(31,155)
47	924 Property insurance	202,844	(5,406)
48	925 Injuries and damages		0
49	926 Employee pensions and benefits	1,510,743	(205,476)
50	928 Regulatory commission expenses		0
51	929 Store Expense	274,976	252,360
52	930 Miscellaneous general expenses	133,264	(7,247)
53	931 Rents	0	0
54	Total operation	3,698,717	66,551

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	251,405	(199,828)
4	Total administrative and general expenses	3,950,122	(133,277)
5	Total Electric Operation and Maintenance Expenses	38,541,414	(1,904,259)

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	24,458,036		24,458,036
13	Total power production expenses	24,458,036		24,458,036
14	Transmission Expenses	5,295,797		5,295,797
15	Distribution Expenses	2,609,648	611,858	3,221,506
16	Customer Accounts Expenses	1,615,953		1,615,953
17	Sales Expenses	0		0
18	Administrative and General Expenses	3,698,717	251,405	3,950,122
19	Total Electric Operation and Maintenance Expenses	37,678,151	863,263	38,541,414

- 21 Ratio of operating expenses to operating revenues
(carry out decimal two places, (e.g.. 0.00%) 0.97
Compute by dividing Revenues (Acct 400) into the sum of Operation and Maintenance Expenses (Page 42, line 20 (d), Depreciation (Acct 403) and Amortization (Acct 407)
- 22 Total salaries and wages of electric department for year, including amounts charged to operating expenses, construction and other accounts. \$4,780,480
- 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

TAXES CHARGED DURING THE YEAR

Line No.	Kind of Tax (a)	Total Taxes Charged During Year (omit cents) (b)	Electric		Gas		(f)	(g)	(h)	(i)
			Acct 408,409 (c)	Acct 408,409 (d)						
1										
2	local	28,854	28,854							
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	28,854	28,854							

1. This schedule is intended to give the account distribution of total taxes charged to operations and other final accounts during the year.
 2. Do not include gasoline and other sales taxes which have been charged to accounts to which the material on which the tax was levied which the tax was levied was charged. If the actual or estimated amounts of such taxes are known, they should be shown as a footnote and designated whether estimated or actual amounts.
 3. The aggregate of each kind of tax should be listed under the appropriate heading of "Federal", "State" and "Local" in such manner that the total tax for each State and for all subdivisions can be readily ascertained.
 4. The accounts to which the taxes charged were distributed should be shown in columns (c) to (f). Show both the utility department and number of account charged. For taxes charged to utility plant show the number of the appropriate balance sheet plant account or subaccount.
 5. For any tax which it was necessary to apportion more than one utility department account, state in a footnote the basis of apportioning such tax.
 6. Do not include in this schedule entries with respect to deferred income taxes, or taxes collected through payroll deductions or otherwise pending transmittal of such taxes to the taxing authority.

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, allowances and returns				0
3					
4	Contract work	906,913			906,913
5	Commissions				
6	Other (list according to major classes)				
7					
8					
9					
10	Total Revenues	906,913	0	0	906,913
11					
12					
13	Costs and Expenses:				
14	Cost of sales (list according to major classes of cost)				
15					
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)	906,913	0	0	906,913

SALES FOR RESALE (Account 447) - Continued

5. If a fixed number of kilowatts of maximum demand is specified in the power contract as a basis of billings to the customer this number should be shown in column (f). The number of kilowatts of maximum demand to be shown in column (g) and (h) should be actual based on monthly readings and should be furnished whether or not used in the determination of demand charges. Show in column (i) type of demand reading (instantaneous, 15, 30, or 60 minutes

integrated).

6. The number of kilowatt-hours sold should be the quantities shown by the bills rendered to the purchasers.

7. Explain any amounts entered in column (n) such as fuel or other adjustments.

8. If a contract covers several points of delivery and small amounts of electric energy are delivered at each point, such sales may be grouped.

Type of Demand Reading (f)	Voltage at Which Delivered (g)	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 (f)	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	8,703,568		42,822	206,097	328,836	\$0.0378	1
60 MINUTES	115KV	2,438,831	79,917	11,999	0	11,999	\$0.0049	2
60 MINUTES	115KV	23,952,963	1,141,407	160,938	20,414	1,322,759	\$0.0552	3
60 MINUTES	115KV	119,699,892	8,474,923	759,147	7,531	9,241,601	\$0.0772	4
60 MINUTES	115KV	9,007,249	2,133,617	426,866	10,387	2,570,870	\$0.2854	5
60 MINUTES	115KV	345,683	301,551	77,621	83,153	462,325	\$1.3374	6
	115KV	28,306,562		1,445,557		1,445,557	\$0.0511	7
	115KV	7,701,134		413,824	(19,847)	393,977	\$0.0512	8
60 MINUTES	115KV	58,560,000	668,980	2,582,177		3,251,157	\$0.0555	9
	115KV	7,236,900		522,497		522,497	\$0.0722	10
	115KV	9,135,639		849,191	(247,523)	601,668	\$0.0659	11
	23KV	1,410,001		162,150		162,150	\$0.1150	12
	115KV	39,621,700		1,608,245		1,608,245	\$0.0406	13
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								40
								41
		316,120,122	12,800,395	9,063,034	60,212	21,923,641	0.0694	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)	Interchange Across State Lines (b)	Point of Interchange (c)	Voltage at Which Interchanged (d)	Kilowatt-hours			Amount of Settlement (h)
					Received (e)	Delivered (f)	Net Difference (g)	
1	NEPEX	X			316,120,122	286,476,145	29,643,977	1,445,557
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12	TOTALS				316,120,122	286,476,145	29,643,977	1,445,557

B. Details of Settlement for Interchange Power

Line No.	Name of Company (i)	Explanation (j)	Amount (k)
13	NEPEX	INTERCHANGE EXPENSES	1,445,557
14			
15			
16			
17			
18			
19			
20			
21	TOTAL		1,445,557

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	287,813,560
9	(In (gross)	316,120,122
10	Interchanges	287,813,560
11	(Net (Kwh)	28,306,562
12	(Received	
13	Transmission for/by others (wheeling)	0
14	(Delivered	
14	(Net (Kwh)	0
15	TOTAL	316,120,122
16	DISPOSITION OF ENERGY	
17	Sales to ultimate consumers (including interdepartmental sales)	303,655,896
18	Sales for resale	
19	Energy furnished without charge	441,091
20	Energy used by the company (excluding station use):	
21	Electric department only	
22	Energy losses	
23	Transmission and conversion losses	
24	Distribution losses	3.80% 12,023,135
25	Unaccounted for losses	
26	Total energy losses	12,023,135
27	Energy losses as percent of total on line 15	3.80%
28	TOTAL	316,120,122

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	51,696	Tuesday	19	1800	60 min	27,179,650
30	February	49,795	Sunday	14	1900	60 min	25,129,290
31	March	44,957	Friday	4	1900	60 min	24,694,639
32	April	44,726	Monday	4	1200	60 min	22,673,713
33	May	54,230	Tuesday	31	1700	60 min	23,760,392
34	June	59,731	Wednesday	29	1600	60 min	26,274,821
35	July	71,309	Friday	22	1600	60 min	32,210,793
36	August	72,864	Thursday	11	1600	60 min	32,844,123
37	September	65,578	Friday	9	1600	60 min	25,860,403
38	October	44,237	Wednesday	19	1400	60 min	23,276,871
39	November	45,706	Monday	21	1800	60 min	23,487,740
40	December	52,963	Friday	16	1800	60 min	27,390,272
41						TOTAL	314,782,707

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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43								
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46								
47	TOTALS				0	0		

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

SUBSTATIONS

1. Report below the information called for concerning substations of the respondent as of the end of the year.
 2. Substations which serve but one industrial or street railway customer should not be listed hereunder.
 3. Substations with capacities of less than 5000 kva, except those serving customers with energy for resale, may be grouped according to functional character, but the number of such substations must be shown.
 4. Indicate in column (b) the functional character of each substation, designating whether transmission or distribution and whether attended or unattended.
 5. Show in columns (c), (d), and (e) special equipment such as rotary converters, 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.

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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TOTALS						277,000	15	0			

OVERHEAD DISTRIBUTION LINES OPERATED

Line No.		Length (Pole Miles)		
		Wood Poles	Steel Towers	Total
1	Miles -- Beginning of Year	141.19	1.96	143.15
2	Added During Year			0.00
3	Retired During Year	2.04		2.04
4	Miles -- End of Year	139.15	1.96	141.11
5	*			
6				
7				
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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:			2,395	246,010.0
17	Additions during year				
18	Purchased			40	2,717.0
19	Installed				
20	Associated with utility plant acquired				
21	Total Additions	0	0	40	2,717.0
22	Reductions during year:				
23	Retirements			33	3,062.0
24	Associated with utility plant sold				
25	Total Reductions	0		33	3,062.0
26	Number at end of year	0	0	2,402	245,665.0
27	In stock			244	28,189.0
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	244	28,189.0

CONDUIT, UNDERGROUND CABLE AND SUBMARINE CABLE - (Distribution System)

Report below the information called for concerning conduit, underground cable, and submarine cable at end of year.

Line No.	Designation of Underground System (a)	Miles of Conduit Bank (All Sizes and Types) (b)	Underground Cable		Submarine Cable	
			Miles * (c)	Operating Voltage (d)	Feet * (e)	Operating Voltage (f)
1		38.58	38.58	23kv & 5kv	0	
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44	TOTALS	38.58 Miles	38.58		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	3464				210			2852	402
2										
3										
4										
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52	TOTALS	3464	0	0	0	210	0	0	2852	402

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]
[Handwritten signature]

Town Manager

Director of Public Works

Members
of the
Municipal
Light
Board

[Handwritten signature]

Peter R. Lovell

James S. Evans

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