

# **The Commonwealth of Massachusetts**

## **Return**

**of the**

**Municipal Light Department of**

**the Town of Middleton**

**to the**

**Department of Public Utilities**

**of Massachusetts**

**For the Year ended December 31,**

**2012**

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

Official title: Manager

Mark T. Kelly

Office address: 197 North Main Street

Middleton, MA 01949

# *Goulet, Salvidio & Associates, P.C.*

## *Certified Public Accountants*

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James F. Goulet, CPA, MST  
Catherine A. Kuzmeskus, CPA

Michael A. Salvidio, CPA  
James R. Dube, CPA

### INDEPENDENT ACCOUNTANTS' COMPILATION REPORT

The Board of Commissioners  
Middleton Municipal Light Department  
Middleton, MA 01949

We have compiled the balance sheet of Middleton Municipal Light Department as of December 31, 2012 and the related statements of income and unappropriated retained earnings for the year then ended included in the accompanying prescribed form. We have not audited or reviewed the accompanying financial statements and, accordingly, do not express an opinion or provide any assurance about whether the financial statements are in accordance with the form prescribed by the Massachusetts Department of Public Utilities.

Management is responsible for the preparation and fair presentation of the financial statements in accordance with requirements prescribed by the Massachusetts Department of Public Utilities and for designing, implementing, and maintaining internal control relevant to the preparation and fair presentation of the financial statements.

Our responsibility is to conduct the compilation in accordance with Statements on Standards for Accounting and Review Services issued by the American Institute of Certified Public Accountants. The objective of a compilation is to assist management in presenting financial information in the form of financial statements without undertaking to obtain or provide any assurance that there are no material modifications that should be made to the financial statements.

These financial statements are presented in accordance with the requirements of the Massachusetts Department of Public Utilities, which differ from accounting principles generally accepted in the United States of America. This report is intended solely for the information and use of the Massachusetts Department of Public Utilities and is not intended to be and should not be used by anyone other than this specified party.

Goulet, Salvidio & Associates P.C.

*Goulet, Salvidio & Associates, P.C.*

Worcester, Massachusetts  
April 30, 2013

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**GENERAL INFORMATION****Page 3**

- |     |   |  |
|-----|---|--|
| 1.  | Name of town (or city) making report.   | Middleton  |
| 2.  | If the town (or city) has acquired a plant,<br>Kind of plant, whether gas or electric.<br>Owner from whom purchased, if so acquired.<br>Date of votes to acquire a plant in accordance with the provisions of<br>chapter 164 of the General Laws.<br>Record of votes: First vote: Yes, ; No, Second vote: Yes, ; No,<br>Date when town (or city) began to sell gas and electricity, | Electric<br><br><br><br><br><br>October 14, 1912 |
| 3.  | Name and address of manager of municipal lighting:  |  |
|     | Mark T. Kelly   | 32 Thoreau Circle<br>Beverly, MA 01915           |
| 4.  | Name and address of mayor or selectmen:   |  |
|     | Brian Cresta  | 5 Ogden Lane<br>Middleton, MA 01949              |
|     | Timothy Houten  | 47 Lake Street<br>Middleton, MA 01949            |
|     | Nancy Jones   | 70 North Main Street<br>Middleton, MA 01949      |
|     | Konstantinus Prentakis  | 7 Vera Road<br>Middleton, MA 01949               |
|     | Christine Lindberg  | 9 Vera Road<br>Middleton, MA 01949               |
| 5.  | Name and address of town (or city) treasurer:   |  |
|     | Don Carter  | 60 Greenbrook Rd<br>S. Hamilton, MA 01982        |
| 6.  | Name and address of town (or city) clerk:   |  |
|     | Sarah George  | 6 Old South Main Street<br>Middleton, MA 01949   |
| 7.  | Names and addresses of members of municipal light board:  |  |
|     | Charles Clinch, III   | 4 Walnut Lane<br>Middleton, MA 01949             |
|     | Kevin Kiley   | 27 Stoney Brook Lane<br>Middleton, MA 01949      |
|     | Timothy Houten  | 47 Lake Street<br>Middleton, MA 01949            |
|     | Frank Twiss   | 23 Webb Street<br>Middleton, MA 01949            |
|     | James Kelley  | 14 Highland Road<br>Middleton, MA 01949          |
| 8.  | Total valuation of estates in town (or city) according to last State valuation (taxable)  | \$ 1,569,384,109                                 |
| 9.  | Tax rate for all purposes during the year:  | \$13.59  |
| 10. | Amount of manager's salary:   | \$153,664  |
| 11. | Amount of manager's bond:   | \$0  |
| 12. | Amount of salary paid to members of municipal light board (each):   | \$1,000  |

**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
1	<b>INCOME FROM PRIVATE CONSUMERS:</b>			
2	From sales of gas			0
3	From sales of electricity			13,600,000
4	From Rate Stabilization Fund			300,000
5	<b>TOTAL</b>			13,900,000
6	<b>EXPENSES</b>			
7	For operation, maintenance and repairs			12,500,000
8	For interest on bonds, notes or scrip			
9	For depreciation fund ( 3 %	18,458,149	as per page 9)	553,744
10	For sinking fund requirements			
11	For note payments			
12	For bond payments			
13	For loss in preceding year			
14	<b>TOTAL</b>			13,053,744
15	<b>COST:</b>			
16	Of gas to be used for municipal buildings			0
17	Of gas to be used for street lights			0
18	Of electricity to be used for municipal buildings			225,000
19	Of electricity to be used for street lights			80,000
20	Total of above items to be included in the tax levy			305,000
21				
22	New construction to be included in the tax levy			
23	Total amounts to be included in the tax levy			305,000
<b>CUSTOMERS</b>				
Names of cities or towns in which the plant supplies GAS, with the number of customers' meters in each.		Names of cities or towns in which the plant supplies ELECTRICITY, with the number of customers' meters in each.		
City or Town	Number of Customers' Meters, Dec. 31	City or Town	Number of Customers' Meters, Dec. 31	
	None	Middleton	3,536	
<b>TOTAL</b>	0	<b>TOTAL</b>	3,536	

**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 80,000

2. Municipal buildings 225,000

3.

TOTAL 305,000

\* Date of meeting and whether regular or special

\*\* Here insert bonds, notes or tax levy

**CHANGES IN THE PROPERTY**

- 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



[illegible]

<div> <div> 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 </div> <div> <b>TOTAL COST OF PLANT - ELECTRIC</b>  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 </div> <div> effect of such amounts.  4. Reclassifications or transfers within utility plant accounts should be shown in column (f). </div> </div>							
Line No.	Account (a)	Balance Beginning of Year (b)	Additions (c)	Retirements (d)	Adjustments (e)	Transfers (f)	Balance End of Year (g)
1	1. INTANGIBLE PLANT						
2							
3							
4		0	0	0	0	0	0
5	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						0
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	3,294					3,294
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	15,877					15,877
27	356 Overhead Conductors and Devices	64,268					64,268
28	357 Underground Conduit						
29	358 Underground Conductors and Devices						
30	359 Roads and Trails						
31	Total Transmission Plant	83,439	0	0	0	0	83,439



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<b>COMPARATIVE BALANCE SHEET    Assets and Other Debits</b>					
Line No.		Title of Account (a)	Balance Beginning of Year (b)	Balance End of Year (c)	Increase or (Decrease) (d)
1		<b>UTILITY PLANT</b>			
2	101	Utility Plant - Electric (P. 17)	8,150,562	8,641,767	491,205
3	101	Utility Plant - Gas (P. 20)			0
4					
5		Total Utility Plant	8,150,562	8,641,767	491,205
6					
7					
8					
9					
10					
11		<b>FUND ACCOUNTS</b>			
12	125	Sinking Funds			0
13	126	Depreciation Fund (P. 14)	2,223,046	2,303,149	80,103
14	128	Other Special Funds	5,827,171	6,024,313	197,142
15		Total Funds	8,050,217	8,327,462	277,245
16		<b>CURRENT AND ACCRUED ASSETS</b>			
17	131	Cash (P. 14)	0	589,186	589,186
18	132	Special Deposits	141,599	152,354	10,755
19	135	Working Funds	1,950	2,950	1,000
20	141	Notes Receivable			0
21	142	Customer Accounts Receivable	1,438,847	1,605,974	167,127
22	143	Other Accounts Receivable	74,927	92,182	17,255
23	146	Receivables from Municipality			0
24	151	Materials and Supplies (P. 14)	386,048	420,990	34,942
25					
26	165	Prepayments	518,180	521,805	3,625
27	174	Miscellaneous Current Assets	150,725	185,853	35,128
28		Total Current and Accrued Assets	2,712,276	3,571,294	859,018
29		<b>DEFERRED DEBITS</b>			
30	181	Unamortized Debt Discount			
31	182	Extraordinary Property Losses			
32	185	Other Deferred Debits	152,645	150,150	(2,495)
33		Total Deferred Debits	152,645	150,150	(2,495)
34					
35		Total Assets and Other Debits	19,065,700	20,690,673	1,624,973

<b>COMPARATIVE BALANCE SHEET Liabilities and Other Credits</b>					
Line No.		Title of Account (a)	Balance Beginning of Year (b)	Balance End of Year (c)	Increase or (Decrease) (d)
1		<b>APPROPRIATIONS</b>			
2	201	Appropriations for Construction	0		0
3		<b>SURPLUS</b>			
4	205	Sinking Fund Reserves			0
5	206	Loans Repayment	2,519,500	2,519,500	0
6	207	Appropriations for Construction Repayments			0
7	208	Unappropriated Earned Surplus (P. 12)	10,063,983	10,940,125	876,142
8		Total Surplus	12,583,483	13,459,625	876,142
9		<b>LONG TERM DEBT</b>			
10	221	Bonds (P. 6)	0	0	0
11	231	Notes Payable (P. 7)		0	0
12		Total Bonds and Notes	0	0	0
13		<b>CURRENT AND ACCRUED LIABILITIES</b>			
14	232	Accounts Payable	708,278	987,883	279,605
15	234	Payables to Municipality			0
16	235	Customers' Deposits	128,125	138,556	10,431
17	236	Taxes Accrued			0
18	237	Interest Accrued	13,473	13,798	325
19	242	Miscellaneous Current and Accrued Liabilities	135,039	274,668	139,629
20		Total Current and Accrued Liabilities	984,915	1,414,905	429,990
21		<b>DEFERRED CREDITS</b>			
22	251	Unamortized Premium on Debt			0
23	252	Customer Advances for Construction			0
24	253	Other Deferred Credits	0	0	0
25		Total Deferred Credits	0	0	0
26		<b>RESERVES</b>			
27	260	Reserves for Uncollectible Accounts	115,333	116,485	1,152
28	261	Property Insurance Reserve			0
29	262	Injuries and Damages Reserves			0
30	263	Pensions and Benefits Reserves	604,222	679,440	75,218
31	265	Miscellaneous Operating Reserves	202,071	202,071	0
32		Total Reserves	921,626	997,996	76,370
33		<b>CONTRIBUTIONS IN AID OF CONSTRUCTION</b>			
34	271	Contributions in Aid of Construction	4,575,676	4,818,147	242,471
35		Total Liabilities and Other Credits	19,065,700	20,690,673	1,624,973

State below if any earning of the municipal lighting plant have been used for any purpose other than discharging indebtedness of the plant, the purpose for which used, and the amount thereof.

<b>STATEMENT OF INCOME FOR THE YEAR</b>			
Line No.	Account (a)	Current Year (b)	Increase or (Decrease) from Preceding Year (c)
1	<b>OPERATING INCOME</b>		
2	400 Operating Revenues (P. 37 and 43)	13,595,194	13,439
3	Operating Expenses:		
4	401 Operation Expense (p. 42 and 47)	11,765,342	(720,451)
5	402 Maintenance Expense	583,965	(11,449)
6	403 Depreciation Expense	528,424	7,277
7	407 Amortization of Property Losses		0
8			
9	408 Taxes (P. 49)		0
10	Total Operating Expenses	12,877,731	(724,623)
11	Operating Income	717,463	738,062
12	414 Other Utility Operating Income (P. 50)	0	0
13			
14	Total Operating Income	717,463	738,062
15	<b>OTHER INCOME</b>		
16	415 Income from Merchandising, Jobbing, and Contract Work (P. 51)	4,893	(17,676)
17	419 Interest Income	225,910	82,091
18	421 Miscellaneous Nonoperating Income (P. 21)	0	0
19	Total Other Income	230,803	64,415
20	Total Income	948,266	802,477
21	<b>MISCELLANEOUS INCOME DEDUCTIONS</b>		
22	425 Miscellaneous Amortization	0	0
23	426 Other Income Deductions	0	0
24	Total Income Deductions	0	0
25	Income Before Interest Charges	948,266	802,477
26	<b>INTEREST CHARGES</b>		
27	427 Interest on Bonds and Notes	0	0
28	428 Amortization of Debt Discount and Expense	0	0
29	429 Amortization of Premium on Debt - Credit	0	0
30	431 Other Interest Expense	0	0
31	432 Interest: Charged to Construction - Credit	0	0
32	Total Interest Charges	0	0
33	<b>NET INCOME</b>	948,266	802,477
<b>EARNED SURPLUS</b>			
Line No.	Account (a)	Debits (b)	Credits (c)
34	208 Unappropriated Earned Surplus (at beginning of period)		10,063,983
35			
36			
37	433 Balance Transferred from Income		948,266
38	434 Miscellaneous Credits to Surplus (P. 21)		24,876
39	435 Miscellaneous Debits to Surplus (P. 21)	0	
40	436 Appropriations of Surplus (P. 21)	97,000	
41	437 Surplus Applied to Depreciation		
42	208 Unappropriated Earned Surplus (at end of period)	10,940,125	
43			
44	<b>TOTALS</b>	11,037,125	11,037,125

CASH BALANCES AT END OF YEAR			
Line No.	Items (a)	Amount (b)	
1	Operation Fund	589,186	
2	Interest Fund	0	
3	Bond Fund	0	
4	Construction Fund	0	
5			
6			
7			
8			
9			
10			
11			
12	TOTAL	589,186	
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)	420,990	
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	420,990	0
DEPRECIATION FUND ACCOUNT (Account 126)			
Line No.	(a)	Amount (b)	
24	DEBITS		
25	Balance of account at beginning of year	2,223,046	
26	Income during year from balance on deposit (interest)	80,103	
27	Amount transferred from income (depreciation)	0	
28			
29	TOTAL	2,303,149	
30	CREDITS		
31	Amount expended for construction purposes (Sec. 57,C.164 of G.L.)	0	
32	Amounts expended for renewals,viz:-		
33	Power Contract Settlement		
34			
35			
36			
37			
38			
39	Balance on hand at end of year	2,303,149	
40	TOTAL	2,303,149	

## UTILITY 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).
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)	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	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						
23	Total Nuclear Production Plant	0	0	0	0	0	0

0							
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	3,294					3,294
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	3,294	0	0	0	0	3,294

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	144,229	0	0	0	0	144,229
3	361 Structures and Improvements	0	0	0	0	0	0
4	362 Station Equipment	912,151	38,331	100,975	0	0	849,507
5	363 Storage Battery Equipment	8,402	0	172	0	0	8,230
6	364 Poles Towers and Fixtures	429,830	65,763	35,249	(5,739)	0	454,605
7	365 Overhead Conductors and Devices	1,406,708	102,668	88,534	0	0	1,420,842
8	366 Underground Conduit	90,853	0	5,295	0	0	85,558
9	367 Underground Conductors and Devices	1,737,339	109,967	95,020	0	0	1,752,286
10	368 Line Transformers	1,001,172	125,948	54,761	0	0	1,072,359
11	369 Services	151,445	3,543	14,889	0	0	140,099
12	370 Meters	444,270	40,676	21,876	(300)	0	462,770
13	371 Installations on Customer's Premises	3,166	0	224	0	0	2,942
14	372 Leased Prop on Customer's Premises	5,855	0	2,813	0	0	3,042
15	373 Streetlight and Signal Systems	231,987	1,347	18,294			215,040
16	Total Distribution Plant	6,567,407	488,243	438,102	(6,039)	0	6,611,509
17	5. GENERAL PLANT						
18	389 Land and Land Rights	179,800	0		0	0	179,800
19	390 Structures and Improvements	118,958	240,000	27,632	0	0	331,326
20	391 Office Furniture and Equipment	253,430	5,304	10,997	0	0	247,737
21	392 Transportation Equipment	835,375	259,842	39,186	0	0	1,056,031
22	393 Stores Equipment	8,116	0	1,000	0	0	7,116
23	394 Tools, Shop and Garage Equipment	157,924	31,490	8,610	(1,091)	0	179,713
24	395 Laboratory Equipment	4,017	0	709	0	0	3,308
25	396 Power Operated Equipment	0	0	0	0	0	0
26	397 Communication Equipment	22,241	1,880	2,188	0	0	21,933
27	398 Miscellaneous Equipment	0	0	0	0	0	0
28	399 Other Tangible Property	0	0	0	0	0	0
29	Total General Plant	1,579,861	538,516	90,322	(1,091)	0	2,026,964
30	Total Electric Plant in Service	8,150,562	1,026,759	528,424	(7,130)	0	8,641,767
31	104 Utility Plant Leased to Others	0					0
32	105 Property Held for Future Use	0					0
33	107 Construction Work in Progress	0					0
34	Total Utility Plant Electric	8,150,562	1,026,759	528,424	(7,130)	0	8,641,767

**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					
2	Received During Year					
3	TOTAL	0				
4	Used During Year (Note A)					
5						
6						
7						
8						
9						
10						
11	Sold or Transferred					
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.

<b>MISCELLANEOUS NONOPERATING INCOME (Account 421)</b>		
Line No.	Item (a)	Amount (b)
1		
2		
3		
4		
5		
6	<b>TOTAL</b>	0
<b>OTHER INCOME DEDUCTIONS (Account 426)</b>		
Line No.	Item (a)	Amount (b)
7		
8		
9		
10		
11		
12		
13		
14	<b>TOTAL</b>	0
<b>MISCELLANEOUS CREDITS TO SURPLUS (Account 434)</b>		
Line No.	Item (a)	Amount (b)
15	NEGT Bankruptcy proceeds for prior year	6,987
16	Mutual aid for 2011	1,852
17	Constellation Energy refund for 2007	16,037
18		
19		
20		
21		
22		
23	<b>TOTAL</b>	24,876
<b>MISCELLANEOUS DEBITS TO SURPLUS (Account 435)</b>		
Line No.	Item (a)	Amount (b)
24		
25		
26		0
27		
28		
29		
30		
31		
32	<b>TOTAL</b>	0
<b>APPROPRIATIONS OF SURPLUS (Account 436)</b>		
Line No.	Item (a)	Amount (b)
33	In Lieu of Tax Payment	97,000
34		
35		
36		
37		
38		
39		
40	<b>TOTAL</b>	97,000

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)	1,528,011	201,856	0.1321	
6						
7						
8						
9						
10						
11						
12		TOTALS	1,528,011	201,856	0.1321	
13	444-1	Street Lighting	594,148	79,646	0.1341	
14						
15						
16						
17						
18		TOTALS	594,148	79,646	0.1341	
19		TOTALS	2,122,159	281,502	0.1326	
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						
21						
22						
23						
24						
25						
26						
27						
28						
29			TOTALS	0	0	0.0000
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	Reading Light Department		Middleton Line - 250	136,295	18,528	0.1359
31						
32						
33						
34						
35						
36						
37						
38						
39			TOTALS	136,295	18,528	

<p>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.</p> <p>2. If increases and decreases are not derived from previously reported figures, explain any inconsistencies.</p> <p>3. Number of customers should be reported on the basis of meters, plus number of late rate accounts except where separate meter readings are added for billing purposes, one customer shall be counted for each group of meters so added. The average number of customers means the average of the 12 figures at the close of each month. If the customer count in the residential service classification includes customers counted more than once because of special services, such as water heating, etc., indicate in a footnote the number of such duplicate customers included in the classification.</p> <p>4. Unmetered sales should be included below. The details of such sales should be given in a footnote.</p> <p>5. Classification on Commercial and Industrial Sales, Account 442, Large (or Industrial) may be according to the basis of classification regularly used by the respondent if such basis of classification is not greater than 1000 KW. See Account 442 of the Uniform System of Accounts. Explain basis of Classification</p>							
<b>ELECTRIC OPERATING REVENUES (Account 400)</b>							
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	<b>SALES OF ELECTRICITY</b>						
2	440 Residential Sales	4,972,741	(8,331)	36,831,477	(512,833)	3,016	22
3	442 Commercial and Industrial Sales						0
4	Small Commercial B Sales	2,958,482	29,270	19,363,847	(56,036)	484	(4)
5	Large Commercial C Sales	5,311,043	65,667	37,900,470	96,876	15	1
6	444 Municipal Sales	281,502	33,406	1,528,011	(461,035)	17	(1)
7	445 Other Sales to Public Authorities	42,321	140	474,827	1,329	8	0
8	446 Sales to Railroads and Railways		0		0		0
9	448 Interdepartmental Sales		0		0		0
10	449 Miscellaneous Sales		0		0		0
11	<b>Total Sales to Ultimate Consumers</b>	13,566,089	120,152	96,098,632	(931,699)	3,540	18
12	447 Sales for Resale	18,528	(106,513)	136,295	(811,217)		0
13	<b>Total Sales of Electricity*</b>	13,584,617	13,639	96,234,927	(1,742,916)	3,540	18
14	<b>OTHER OPERATING REVENUES</b>						
15	450 Forfeited Discounts		0				
16	451 Miscellaneous Service Revenues		0				
17	453 Sales of Water and Water Power		0				
18	454 Rent from Electric Property	6,852	0				
19	455 Interdepartmental Rents		0				
20	456 Other Electric Revenues	3,725	(200)				
21							
22							
23							
24							
25	Total Other Operating Revenues	10,577	(200)				
26	Total Electric Operating Revenue	13,595,194	13,439				

\* Includes revenues from application of fuel clauses \$ 0

Total KWH to which applied 95,165,952

**SALES OF ELECTRICITY TO ULTIMATE CONSUMERS**

Report by account number the K.W.H. sold, the amount derived and the number of customers under each filed schedule or contract. Municipal sales, contract sales and unbilled sales may be reported separately in total.

Line No.	Account No.	Schedule (a)	K.W.H. (b)	Revenue (c)	Average Revenue per KWH (cents) (0.0000) (d)	Number of Customers (per Bills rendered)	
						July 31 (e)	Dec 31 (f)
1	440.000	Rate - A	36,831,477	4,972,741	0.1350	3,009	3,016
2	442.100	Rate - B	19,363,847	2,958,482	0.1528	490	484
3	442.200	Rate - E1 & E2 & E3	37,900,470	5,311,043	0.1401	16	15
4	444.000	Municipal	1,528,011	201,856	0.1321	16	16
5	444.100	St. Lights Municipal	594,148	79,646	0.1341	1	1
6	445.000	Private Area Lights	474,827	42,321	0.0891	50	72
7							
8							
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
TOTAL SALES TO ULTIMATE CONSUMERS (page 37 Line 11)			96,692,780	13,566,089	0.1403	3,582	3,604

**ELECTRIC OPERATION AND MAINTENANCE EXPENSES**

1. Enter in the space provided the operation and maintenance expenses for the year

2. If the increases and decreases are not derived from previously reported figures, explain in footnote

Line No.	Account (a)	Amount for Year (b)	Increase or (Decrease) from Preceding Year (c)
1	<b>POWER PRODUCTION EXPENSES</b>		
2	<b>STEAM POWER GENERATION</b>		
3	Operation:		
4	500 Operation supervision and engineering		0
5	501 Fuel		0
6	502 Steam Expenses		0
7	503 Steam from other sources		0
8	504 Steam transferred -- Cr.		0
9	505 Electric expenses		0
10	506 Miscellaneous steam power expenses		0
11	507 Rents		0
12	Total Operation	0	0
13	Maintenance:		
14	510 Maintenance supervision and engineering		0
15	511 Maintenance of Structures		0
16	512 Maintenance of boiler plant		0
17	513 Maintenance of electric plant		0
18	514 Maintenance of miscellaneous steam plant		0
19	Total Maintenance	0	0
20	Total power production expenses -steam power	0	0
21	<b>NUCLEAR POWER GENERATION</b>		
22	Operation:		
23	517 Operation supervision and engineering		0
24	518 Fuel		0
25	519 Coolants and water		0
26	520 Steam Expenses		0
27	521 Steam from other sources		0
28	522 Steam transferred -- Cr.		0
29	523 Electric expenses		0
30	524 Miscellaneous nuclear power expenses		0
31	525 Rents		0
32	Total Operation	0	0
33	Maintenance:		
34	528 Maintenance supervision and engineering		0
35	529 Maintenance of Structures		0
36	530 Maintenance of reactor plant		0
37	531 Maintenance of electric plant		0
38	532 Maintenance of miscellaneous nuclear plant		0
39	Total Maintenance	0	0
40	Total power production expenses -nuclear power	0	0
41	<b>HYDRAULIC POWER GENERATION</b>		
42	Operation:		
43	535 Operation supervision and engineering		0
44	536 Water for power		0
45	537 Hydraulic expenses		0
46	538 Electric expenses		0
47	539 Miscellaneous hydraulic power generation expenses		0
48	540 Rents		0
49	Total Operation	0	0

<b>ELECTRIC OPERATION AND MAINTENANCE EXPENSES - Continued</b>			
Line No.	Account (a)	Amount for Year (b)	Increase or (Decrease) from Preceding Year (c)
1	<b>HYDRAULIC POWER GENERATION - Continued</b>		
2	Maintenance:		
3	541 Maintenance Supervision and engineering		0
4	542 Maintenance of structures		0
5	543 Maintenance or reservoirs, dams and waterways		0
6	544 Maintenance of electric plant		0
7	545 Maintenance of miscellaneous hydraulic plant		0
8	Total maintenance	0	0
9	Total power production expenses - hydraulic power	0	0
10	<b>OTHER POWER GENERATION</b>		0
11	Operation:		0
12	546 Operation supervision and engineering		0
13	547 Fuel		0
14	548 Generation Expenses		0
15	549 Miscellaneous other power generation expense		0
16	550 Rents		0
17	Total Operation	0	0
18	Maintenance:		
19	551 Maintenance supervision and engineering		0
20	552 Maintenance of Structures		0
21	553 Maintenance of generating and electric plant		0
22	554 Maintenance of miscellaneous other power generation plant		0
23	Total Maintenance	0	0
24	Total power production expenses - other power	0	0
25	<b>OTHER POWER SUPPLY EXPENSES</b>		
26	555 Purchased power	9,981,408	(740,635)
27	556 System control and load dispatching		0
28	557 Other expenses	112,108	(24,677)
29	Total other power supply expenses	10,093,516	(765,312)
30	Total power production expenses	10,093,516	(765,312)
31	<b>TRANSMISSION EXPENSES</b>		
32	Operation:		
33	560 Operation supervision and engineering	0	0
34	561 Load dispatching	0	0
35	562 Station expenses	0	0
36	563 Overhead line expenses	0	0
37	564 Underground line expenses	0	0
38	565 Transmission of electricity by others	0	0
39	566 Miscellaneous transmission expenses	0	0
40	567 Rents	0	0
41	Total Operation	0	0
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	0	0

<b>ELECTRIC OPERATION AND MAINTENANCE EXPENSES - Continued</b>			
Line No.	Account (a)	Amount for Year (b)	Increase or (Decrease) from Preceding Year (c)
1	<b>DISTRIBUTION EXPENSES</b>		
2	Operation:		
3	580 Operation supervision and engineering	91,741	1,707
4	581 Load dispatching (Operation Labor)		0
5	582 Station expenses	61	(881)
6	583 Overhead line expenses	83,668	1,582
7	584 Underground line expenses	14,110	11,539
8	585 Street lighting and signal system expenses	404	(722)
9	586 Meter expenses	52,660	2,501
10	587 Customer installations expenses	232,272	24,808
11	588 Miscellaneous distribution expenses	55,496	(4,471)
12	589 Rents	0	0
13	Total operation	530,412	36,063
14	Maintenance:		
15	590 Maintenance supervision and engineering	0	0
16	591 Maintenance of structures	0	0
17	592 Maintenance of station equipment	7,934	(6,278)
18	593 Maintenance of overhead lines	332,085	71,464
19	594 Maintenance of underground lines	0	(307)
20	595 Maintenance of line transformers	1,407	(3,162)
21	596 Maintenance of street lighting and signal systems	36,004	(14,332)
22	597 Maintenance of meters	190	95
23	598 Maintenance of miscellaneous distribution plant	0	0
24	Total maintenance	377,620	47,480
25	Total distribution expenses	908,032	83,543
26	<b>CUSTOMER ACCOUNTS EXPENSES</b>		
27	Operation:		
28	901 Supervision	0	0
29	902 Meter reading expenses	34,123	7,314
30	903 Customer records and collection expenses	47,786	1,024
31	904 Uncollectible accounts	5,000	0
32	905 Miscellaneous customer accounts expenses	0	0
33	Total customer accounts expenses	86,909	8,338
34	<b>SALES EXPENSES</b>		
35	Operation:		
36	911 Supervision	0	0
37	912 Demonstrating and selling expenses	0	0
38	913 Advertising expenses	1,700	1,429
39	916 Miscellaneous sales expenses	0	0
40	Total sales expenses	1,700	1,429
41	<b>ADMINISTRATIVE AND GENERAL EXPENSES</b>		
42	Operation:		
43	920 Administrative and general salaries	240,752	4,868
44	921 Office supplies and expenses	33,984	13,627
45	922 Administrative expenses transferred - Cr	0	0
46	923 Outside services employed	154,952	(20,728)
47	924 Property insurance	0	(19,662)
48	925 Injuries and damages	4,635	4,635
49	926 Employee pensions and benefits	584,325	6,282
50	928 Regulatory commission expenses	0	0
51	929 Store Expense	0	0
52	930 Miscellaneous general expenses	34,157	10,009
53	931 Rents	0	0
54	Total operation	1,052,805	(969)

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	160,510		(51,590)
	933 Transportation	45,835		(7,339)
4	Total administrative and general expenses	1,259,150		(59,898)
5	Total Electric Operation and Maintenance Expenses	12,349,307		(731,900)
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	10,093,516	0	10,093,516
13	Total power production expenses	10,093,516		10,093,516
14	Transmission Expenses	0		0
15	Distribution Expenses	530,412	377,620	908,032
16	Customer Accounts Expenses	86,909		86,909
17	Sales Expenses	1,700		1,700
18	Administrative and General Expenses	1,052,805	206,345	1,259,150
19	Total Electric Operation and			
20	Maintenance Expenses	11,765,342	583,965	12,349,307
21	Ratio of operating expenses to operating revenues (carry out decimal two places, (e.g.. 0.00%) Compute by dividing Revenues (Acct 400) into the sum of Operation and Maintenance Expenses (Page 42, line 20 (d), Depreciation (Acct 403) and Amortization (Acct 407)			0.947
22	Total salaries and wages of electric department for year, including amounts charged to operating expenses, construction and other accounts.			1,265,845
23	Total number of employees of electric department at end of year including administrative, operating, maintenance, construction and other employees (including part-time employees)			12

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 (h). Show both the utility department and number of account charged. For taxes charged to utility plant show the number of the appropriate balance sheet plant account or subaccount.

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

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

Line No.	Kind of Tax (a)	Total Taxes Charged During Year (omit cents) (b)	Electric Acct 408,409 (c)	Gas Acct 408,409 (d)	(e)	(f)	(g)	(h)	(i)
1									
2									
3									
4									
5									
6									
7									
8									
9									
10									
11									
12									
13									
14									
15									
16									
17									
18									
19									
20									
21									
22									
23									
24									
25									
26									
27									
28	TOTALS								

<b>OTHER UTILITY OPERATING INCOME (Account 414)</b>					
Report below the particulars called for in each column					
Line No.	Property (a)	Amount of Investment (b)	Amount of Department (c)	Amount of Operating Expenses (d)	Gain or (Loss) from Operation (e)
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
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				

<b>INCOME FROM MERCHANDISE, JOBBING, AND CONTRACT WORK (Account 415)</b> 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,				
3	allowances and returns				
4	Contract work	4,893			4,893
5	Commissions				
6	Other (list according to major classes)				0
7					
8					
9					
10	Total Revenues	4,893	0	0	4,893
11					
12					
13	Costs and Expenses:				
14	Cost of sales (list according to major				
15	classes of cost)				
16	Jobbing/Contract Costs				
17	Materials				
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)	4,893	0	0	4,893



## SALES FOR RESALE (Account 447)

1. Report sales during year to other electric utilities and to cities or other public authorities for distribution to ultimate consumers.

2. Provide subheadings and classify sales as to (1) Associated Utilities, (2) Nonassociated Utilities, (3) Municipalities, (4) R.E.A. Cooperatives, and (5) Other Public Authorities. For each sale designate statistical classification in column (b), thus: firm power, FP; dump or surplus power, DP; other, G,

and place and "x" in column (c) if sale involves export across a state line.

3. Report separately firm, dump, and other power sold to the same utility. Describe the nature of any sales classified as Other Power, column (b).

4. If delivery is made at a substation indicate ownership in column (e), thus: respondent owned or leased, RS; customer owned or leased, CS.

Line No.	Sales to: (a)	Statistical Classification (b)	Export Across State Line (c)	Point of Delivery (d)	Sub Station (e)	Kw or Kva of Demand		
						Contract Demand (f)	Avg mo. Maximum Demand (g)	Annual Maximum Demand (h)
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	* Winter period contract demand.							
42								

## 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)		
								1
								2
								3
								4
								5
								6
								7
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								38
								39
								40
								41
	TOTALS:	0	0.00	0.00		0.00		42

Annual report of:

MIDDLETON MUNICIPAL LIGHT DEPT.

Year ended December 31, 2012

PURCHASED POWER (Account 555)  
(EXCEPT INTERCHANGE POWER)

1. Report power purchased for resale during the year.  
Exclude from this schedule and report on page 56 particulars concerning interchange power transactions during the year.

2. Provide subheadings and classify purchases 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 purchase designate statistical classification in column (b), thus: firm power, FP; dump or surplus power, DP; other, O, and place an "x" in column (c) if purchase involves import across a state line.

3. Report separately firm, dump, and other power purchased from the same company. Describe the nature of any purchases classified as Other Power, column (b).

Line No.	Purchased From MMWEC: (a)	Statistical Classification (b)	Across State Line (c)	Point of Receipt (d)	Kw or Kva of Demand			
					Sub Station (e)	Contract Demand (f)	Avg mo. Maximum Demand (g)	Annual Maximum Demand (h)
1	New York Power Authority	FP	X	MIDDLETON LINE				
2	Stonybrook Peaking	O		MIDDLETON LINE				
3	Stonybrook Intermediate	O		MIDDLETON LINE				
4	Nuclear Mix 1 (Seabrook)	O	X	MIDDLETON LINE				
5	Nuclear Mix 1 (Millstone)	O	X	MIDDLETON LINE				
6	Nuclear Project 3 (Millstone)	O	X	MIDDLETON LINE				
7	Nuclear Project 4 (Seabrook)	O	X	MIDDLETON LINE				
8	Nuclear Project 5 (Seabrook)	O	X	MIDDLETON LINE				
9	W.F. Wyman	O	X	MIDDLETON LINE				
10	Project 6 (Seabrook)	O	X	MIDDLETON LINE				
11	Transmission Charges							
12	Hydro Quebec	O	X	MIDDLETON LINE				
13	NEPEX: NOATT			MIDDLETON LINE				
14	System Power - extended weekly	DP						
15	Reading Electric Light							
16	Rivermill							
17	Remvec II SAS							
18	Other Purchased Power Expense							
19	Flush of Funds							
20	System Power - WPS							
21	Rate Stabilization							
22	Morgan Stanley							
23	Miller Hydro							
24	Spruce Mountain							
25								
26	** Includes transmission and administrative charges.							
27								

Annual Report of: MIDDLETON MUNICIPAL LIGHT DEPT.

Year ended December 31, 2012

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	240 kv	2,404,856	47,312			47,312	\$0.0197	1
60 MINUTES	240 kv	47,683	61,572	8,279		69,851	\$1.4649	2
60 MINUTES	240 kv	1,094,596	121,842	59,951		181,793	\$0.1661	3
60 MINUTES	240 kv	220,399	26,552	1,796		28,348	\$0.1286	4
60 MINUTES	240 kv	2,849,786	209,194	19,883		229,077	\$0.0804	5
60 MINUTES	240 kv	1,879,270	129,878	13,153		143,031	\$0.0761	6
60 MINUTES	240 kv	5,840,283	503,808	47,574		551,382	\$0.0944	7
60 MINUTES	240 kv	572,634	52,458	4,703		57,161	\$0.0998	8
60 MINUTES	240 kv	39,225	24,817	7,411		32,228	\$0.8216	9
60 MINUTES	240 kv	20,239,516	2,238,576	165,151		2,403,727	\$0.1188	10
					(2,930)	(2,930)		11
60 MINUTES	240 kv				24,559	24,559	N/A	12
60 MINUTES	240 kv				385,000	385,000	N/A	13
60 MINUTES	240 kv				78,792	78,792		14
		8,575	1,072			1,072	\$0.1250	15
		418,446	35,745			35,745	\$0.0854	16
					1,545	1,545		17
					1,870	1,870		18
					(222,628)	(222,628)		19
		46,437,300	2,869,116			2,869,116	\$0.0618	20
						0		21
		8,784,000	562,176			562,176		22
		2,976,326	188,996			188,996		23
		2,796,135	183,416			183,416		24
						0		25
						0		26
	TOTALS:	96,609,030	7,256,530	327,901	266,208	7,850,639		27

## INTERCHANGE POWER (Included in Account 555)

1. Report below the kilowatt-hours received and delivered during the year and the net charge or credit under interchange power agreements.

2. Provide subheadings and classify interchanges as to (1) Associated Utilities, (2) Nonassociated Utilities, (3) Associated Nonutilities, (4) Other Nonutilities, (5) Municipalities, (6) R.E.A. Cooperatives, and (7) Other Public Authorities. For each interchange across a state line place an "x" in column (b).

3. Particulars of settlements for interchange power

shall be furnished in Part B, Details of Settlement for Interchange Power. If settlement for any transaction also includes credit or debit amounts other than for increment generation expenses, show such other component amounts separately, in addition to debit or credit for increment generation expenses, and give a brief explanation of the factors and principles under which such other component amounts were determined. If such settlement represents the net of debits and credits under an interconnection, power pooling,

coordination, or other such arrangement, submit a copy of the annual summary of transactions and billings among the parties to the agreement. If the amount of settlement reported in this schedule for any transaction does not represent all of the charges and credits covered by the agreement, furnish in a footnote a description of the other debits and credits and state the amounts and accounts in which such other amounts are included for the year.

## A. Summary of Interchange According to Companies and Points of Interchange

Line No.	Name of Company (a)	Inter-change Across State Lines (b)	Point of Interchange (c)	Voltage at Which Inter-changed (d)	Kilowatt-hours			Amount of Settlement (h)
					Received (e)	Delivered (f)	Net Difference (g)	
1	NEPEX						4,832,450	2,242,877
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								
15	TOTALS				0	0	4,832,450	2,242,877

## B. Details of Settlement for Interchange Power

Line No.	Name of Company (i)	Explanation (j)	Amount (k)
16	NEPEX	INTERCHANGE EXPENSE	0
17			
18			
19			
20			
21			
22			
23			
24	TOTAL		0

**ELECTRIC ENERGY ACCOUNT**

Report below the information called for concerning the disposition of electric energy generated, purchased and interchanged for the year.

Line. No.	Item (a)	Kilowatt-hours (b)
1	<b>SOURCES OF ENERGY</b>	
2	Generation	
3	Steam	
4	Nuclear	
5	Hydro	
6	Other	
7	Total Generation	0
8	Purchases	96,609,030
9	(In (gross)	0
10	Interchanges	0
11	( Net (Kwh)	4,832,450
12	( Received	
13	Transmission for/by others (wheeling)	< Delivered
14	( Net (Kwh)	0
15	<b>TOTAL</b>	<b>101,441,480</b>
16	<b>DISPOSITION OF ENERGY</b>	
17	Sales to ultimate consumers (including interdepartmental sales)	96,692,780
18	Sales for resale	136,295
19	Sales adjustment for change in timing of billing cycle	
20	Energy used by the company (excluding station use):	
21	Electric department only	92,480
22	Energy losses	
23	Transmission and conversion losses	
24	Distribution losses	4,519,925
25	Unaccounted for losses	
26	Total energy losses	4,519,925
27	Energy losses as percent of total on line	4.46%
28	<b>TOTAL</b>	<b>101,441,480</b>

**MONTHLY PEAKS AND OUTPUT**

1. Report hereunder the information called for pertaining to simultaneous peaks established monthly (in kilowatts) and monthly output (in kilowatt-hours) for the combined sources of electric energy of respondent.

2. Monthly peak col. (b) should be respondent's maximum kw load as measured by the sum of its coincidental net generation and purchase plus or minus net interchange, minus temporary deliveries (not interchange) of emergency power to another system. Monthly peak including such emergency deliveries should be shown in a footnote with a brief explanation

as to the nature of the emergency.

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

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

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

**Town of Middleton**

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	15,483	Monday	16-Jan	6:00 PM	60 min	8,506,353
30	February	14,394	Tuesday	19-Feb	7:00 PM	60 min	7,703,549
31	March	14,204	Thursday	1-Mar	7:00 PM	60 min	7,836,322
32	April	14,446	Friday	16-Apr	4:00 PM	60 min	7,322,425
33	May	16,001	Tuesday	31-May	5:00 PM	60 min	7,910,402
34	June	23,345	Thursday	21-Jun	5:00 PM	60 min	8,793,382
35	July	23,967	Friday	17-Jul	5:00 PM	60 min	10,525,256
36	August	22,352	Monday	3-Aug	4:00 PM	60 min	10,629,255
37	September	18,576	Wednesday	7-Sep	4:00 PM	60 min	8,247,325
38	October	13,081	Thursday	30-Oct	7:00 PM	60 min	7,642,800
39	November	14,861	Tuesday	28-Nov	6:00 PM	60 min	7,873,467
40	December	16,396	Monday	17-Dec	6:00 PM	60 min	8,450,944
41						<b>TOTAL</b>	<b>101,441,480</b>

GENERATING STATIONS				Pages 58 through 66		
GENERATING STATION STATISTICS (Large Stations) (Except Nuclear)						Pages 58-59
Line No.	Item (a)	Plant (b)	Plant (c)	Plant (d)	Plant (e)	
1	NONE					
2						
3						
4						
5						
6						
STEAM GENERATING STATIONS						Pages 60-61
Line No.	Item (a)	Plant (b)	Plant (c)	Plant (d)	Plant (e)	
1	NONE					
2						
3						
4						
5						
6						
HYDROELECTRIC GENERATING STATIONS						Pages 62-63
Line No.	Item (a)	Plant (b)	Plant (c)	Plant (d)	Plant (e)	
1	NONE					
2						
3						
4						
5						
6						
COMBUSTION ENGINE AND OTHER GENERATING STATIONS						Pages 64-65
Line No.	Item (a)	Plant (b)	Plant (c)	Plant (d)	Plant (e)	
1	NONE					
2						
3						
4						
5						
6						
GENERATING STATION STATISTICS (Small Stations)						Page 66
Line No.	Item (a)	Plant (b)	Plant (c)	Plant (d)	Plant (e)	
1	NONE					
2						
3						
4						
5						
6						

TRANSMISSION LINE STATISTICS								
Report information concerning transmission line as indicated below.								
Line No.	Designation		Operating Voltage (c)	Type of Supportive Structure (d)	Length (Pole Miles)		Number of Circuits (g)	Size of Conductors and Material (h)
	From (a)	To (b)			On Structures of Line Designated (e)	On Structures of Another Line (f)		
1	Central St.	Boston St.	23 kv	Wood Pole	1265.000		1	336.4 AL
2								
3	Danvers	Central St.	23 kv	Wood Pole	1700.000		1	795.0 AL
4	Line							
5								
6	Essex St.	Central St.	23 kv	Wood Pole	2100.000		2	795.0 AL
7								
8								
9								
10								
11								
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42								
43								
44								
45								
46								
47	TOTALS				5065		4	

\* 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

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	Central St., Middleton, MA	Distribution Unattended	23,000	4,160		5,000	3	1	NONE		
2											
3	Boston St., Middleton, MA	Distribution Unattended	23,000	4,160		5,000	1	0	NONE		
4											
5	Gregory St., Middleton, MA	Distribution Unattended	23,000	4,160		5,000	1	0	NONE		
6											
7	Sharpner's Pond Rd., Middleton, MA	Distribution Unattended	115,000	23,000		80,000	2	0	NONE		
8											
9											
10	Debush Ave., Middleton, MA	Distribution Unattended	23,000	4,160		3,000	1	0			
11											
12	Total for General Distribution Exclusive of M.I.T.					98,000	8	1			
13											
14	M.I.T., Middleton, MA	Distribution Unattended	23,000	480Y		12,500	5	0			
15											
16											
17											
18											
19											
20											
21											
22											
23											
24											
25											
26	TOTALS					110,500	13	1			

**OVERHEAD DISTRIBUTION LINES OPERATED**

Line No.		Length (Pole Miles)		
		Wood Poles	Steel Towers	Total
1	Miles -- Beginning of Year	69.10		69.10
2	Added During Year	0.30		0.30
3	Retired During Year			0.00
4	Miles -- End of Year	69.40	0.00	69.40
5	*			
6				
7				
8	Distribution System Characteristics - AC or DC, Phase, cycles and operating voltages for Light and Power			
9				
10	22.9/13.2 kv wye 60 cycles			
11	4160Y/2400V 3 phase			
12	277/480Y 3 phase			
13	208Y/120V 3 phase			
14	240/120V 1 phase			
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:	2,646	3,724	1,132	54,591.0
17	Additions during year				
18	Purchased	21	180	46	3,917.0
19	Installed				
20	Associated with utility plant acquired				
21	Total Additions	21	180	46	3,917.0
22	Reductions during year:				
23	Retirements	6	108	49	2,575.0
24	Associated with utility plant sold				
25	Total Reductions	6	108	49	2,575.0
26	Number at end of year	2,661	3,796	1,129	55,933.0
27	In stock		250	114	8,501.5
28	Locked meters on customers' premises				
29	Inactive transformers on system				
30	In customers' use		3,545	1,010	47,224.0
31	In company's use		1	5	207.5
32	Number at end of year		3,796	1,129	55,933.0

\*

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	Designation of Underground System	Miles of Conduit Bank (All Sizes and Types)		Underground Cable	Submarine Cable	
No.	(a)	(b)	(c)	Operating Voltage (d)	Feet * (e)	Operating Voltage (f)
1	South Main Street	0.12	2-6"	.12-3	23.00 kv	
2	Ferncroft Road F1	0.49	2-5"	.49-3	23.00 kv	
3	Ferncroft Road F2	0.49	2-5"	.49-3	23.00 kv	
4	Fuller Pond Condominiums	1.60	2-4"	1.60-3	23.00 kv	
5	M.I.T.	0.11	2-6"	.11-3	23.00 kv	
6	Circuit 203	0.12	2-6"	.12-3	4.16 kv	
7	Circuit 302	0.15	2-6"	.15-3	4.16 kv	
8	Averill Road	0.17	2-4"	.17-1	2.40 kv	
9	Bouchard Drive	0.07	2-4"	.07-1	2.40 kv	
10	Briarwood Lane	0.11	2-4"	.11-1	2.40 kv	
11	Brookside Drive	0.10	2-4"	.10-1	2.40 kv	
12	Deacon Drive	0.22	2-4"	.22-1	2.40 kv	
13	Devonshire Drive	0.28	2-4"	.28-1	2.40 kv	
14	Dixey Drive (1)	0.45	2-4"	.45-1	2.40 kv	
15	Donovan Way	0.45	2-4"	.45-1	2.40 kv	
16	Evon Drive	0.09	2-4"	.09-1	2.40 kv	
17	Francis Drive	0.10	2-4"	.10-1	2.40 kv	
18	Kimberly Lane	0.11	2-4"	.11-1	2.40 kv	
19	Linda Ann Way	0.11	2-4"	.11-1	2.40 kv	
20	Maplewood Drive	0.80	2-4"	.80-1	2.40 kv	
21	Northwood Drive	0.51	2-4"	.51-1	2.40 kv	
22	Ryder Lane	0.10	2-4"	.10-1	2.40 kv	
23	Upton Hills Lane	0.42	2-4"	.42-1	2.40 kv	
24	Wildwood Drive	0.22	2-2"	.22-1	2.40 kv	
25	Sugar Hills	0.76	2-4"	.76-1	13.20 kv	
26	Liberty Hills II	0.15	2-4"	.15-1	2.40 kv	
27	Middleton Square	0.12	2-6"	.12-3	23.00 kv	
28	Middleton Square	0.23	2-6"	.23-3	4.16 kv	
29	Middleton Square	0.19	2-6"	.19-3	2.40 kv	
30	Jersey Lane	0.10	2-4"	.10-1	2.40 kv	
31	Hillcrest Acres	0.29	2-4"	.29-1	2.40 kv	
32	Liberty Hills I	0.69	2-4"	.69-1	2.40 kv	
33	Liberty Hills I	0.23	2-4"	.23-3	4.16 kv	
34	Bayberry Place	0.77	2-4"	.77-1	13.20 kv	
35	Ferncroft Place	1.25	2-4"	1.25-1	13.20 kv	
36	Ferncroft Heights	0.41	2-4"	.41-1	13.20 kv	
37	Bayberry Woods	0.35	2-4"	.35-1	13.20 kv	
38	Currier Road	0.29	2-4"	.29-1	2.40 kv	
39	Flint Farm Road	0.47	2-4"	.47-1	2.40 kv	
40	Middleton Heights	1.04	2-4"	1.04-1	13.20 kv	
41	Middleton Danvers Tie	0.09	2-6"	.09-3	23.00 kv	
42						
43						
44	TOTALS	14.82 Miles			0	0

\*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	Middleton	1,032	12	0	0	0	0	0	1020	0
2										
3										
4										
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6										
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50										
51										
52	TOTALS	1032	12	0	0	0	0	0	1020	0

Next Page is 79

## 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
		No current year changes		

**THIS RETURN IS SIGNED UNDER THE PENALTIES OF PERJURY**

Mayor

Mark T. Kelly

Manager of Electric Light

Charles Clinch, III

Kevin Kiley

Timothy Houten

Frank Twiss

James Kelley

Selectmen  
or  
Members  
of the  
Municipal  
Light  
Board

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

SS

19

Then personally appeared

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

Notary Public or  
Justice of the Peace

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