The Commonwealth of Massachusetts

RETURN

OF THE

MUNICIPAL LIGHT DEPARTMENT OF

THE TOWN OF SOUTH HADLEY

TO THE

DEPARTMENT OF PUBLIC UTILITIES

OF MASSACHUSETTS

For the Year Ended December 31,

2013

Name of Officer to whom correspondence should be addressed regarding this report : **Wayne D. Doerpholz**

Official Title: **Manager**

Office Address: **85 Main Street**
South Hadley, MA 01075

TABLE OF CONTENTS

PAGES INTENTIONALLY OMITTED: 9, 13, 18-20, 23-36, 43-50, 58-67, 72-78, 80

GENERAL INFORMATION

1. Name of town (or city) making this report:	Town of South Hadley, Massachusetts
2. If the town (or city) has acquired a plant, kind of plant, whether gas or electric:	Electric
Owner from whom purchased, if so acquired.	Amherst Power Company
Date of votes to acquire a plant in accordance with the provisions of chapter 164 of the General Laws:	April 14, 1914
Record of votes:	First vote - Yes 141, No 35 Second vote - Yes 169, No 44
Date when town (or city) began to sell electricity:	1914
3. Name and address of manager of municipal lighting:	Wayne D. Doerpholz - 3 Fairlawn Street, South Hadley, MA
4. Name and address of mayor or selectmen	Chair : John R. Hine - 39 Chestnut Hill Road, South Hadley, MA Vice-Chair : Francis J. DeToma - 31 Ashfield Lane, South Hadley, MA Clerk : Sarah Etelman - 9 Garden Street, South Hadley, MA Member : Ira J. Brezinsky - 93 Woodbridge Street, South Hadley, MA Member : Marilyn G. Isher, 58 Mountainview Street, South Hadley, MA
5. Name and address of town (or city) treasurer:	Deborah Baldini - 32 Park Avenue, South Hadley, MA
6. Name and address of town (or city) clerk:	Carlene C. Hamlin - 16 Priestly Farms Road, South Hadley, MA
7. Names and addresses of members of municipal light board:	Chairman : Cheryl Scott Nickl - 28 Pine Street, South Hadley, MA Vice-Chair : Rita M. Lawler - 76 Alvord Street, South Hadley, MA Clerk : Jeffrey Labrecque - 52 Lincoln Avenue, South Hadley, MA
8. Total valuation of estates in town (or city) according to last state valuation:	$1,410,740,640
9. Tax rate for all purposes during the year: Fiscal 2014	Town - $16.41, Fire District 1 - $2.24, Fire District 2 - $2.80
10. Amount of manager's salary:	$127,549
11. Amount of manager's bond:	$ 20,000
12. Amount of salary paid to members of municipal light board (each):	None

ANNUAL REPORT OF THE TOWN OF SOUTH HADLEY **YEAR ENDED DECEMBER 31, 2013**

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

	INCOME FROM PRIVATE CONSUMERS:		
1	FROM SALES OF GAS		
2	FROM SALE OF ELECTRICITY		
3	FROM RATE STABILIZATION FUND		
4		Totals	0
5	**Expenses:**		
6	For operation, maintenance and repairs		
7	For interest on bonds, notes or scrip		
8	For depreciation fund		1,067,750
9	For sinking fund requirements		
10	For note payments		
11	For bond payments		
12	For loss in preceding year		
13		Totals	1,067,750
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		566,929
19	Of electricity to be used for street lights		106,425
20	Total of the above items to be included in the tax levy		673,354
21			
22	New construction to be included in the tax levy		
23	Total amounts to be included in the tax levy		673,354

CUSTOMERS

Names of cities of towns in which the plant supplies GAS, with the number of customers' meters in each		**Names of cities of towns in which the plant supplies ELECTRICITY, with the number of customers' meters in each**	
City or Town	**Number of Customers' Meters, December 31.**	**City or Town**	**Number of Customers' Meters, December 31.**
None	None	South Hadley	7,705
		Granby	40
		Hadley	9
		Holyoke	1
		Totals	7,755

APPROPRIATIONS SINCE BEGINNING OF YEAR

(Include also all items charged direct to tax levy, even where no appropriation is made or required.)

FOR CONSTRUCTION OR PURCHASE OF PLANT:

* At	meeting	2006	, to be paid from {	
* At	meeting	2006	, to be paid from {	

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

1. Street Lights	106,425
2. Municipal Buildings	566,929
TOTAL	673,354

*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:

REMEDIATION OF ABANDONED 5KV SUBSTATION SITE

CONSTRUCTION OF NEW DATA CENTER ON RE-PURPOSED 5KV SUBSTATION SITE

INSTALLATION OF ADDITIONAL 31,500 FT. OF 96 COUNT OVERHEAD FIBER OPTIC CABLE

INSTALLATION OF ADDITIONAL 7,300 FT. OF 96 COUNT UNDERGROUND FIBER OPTIC CABLE

CONNECTION OF MASS BROADBAND 123 SYSTEM TO COMMUNITY ANCHOR INSTITUTIONS

In gas property:

BONDS
(Issued on Account of Gas or Electric Lighting)

When Authorized*	Date of issue	Amount of Original Issue	Period of Payments		Interest		Amount Outstanding
			Amounts	When Payable	Rate	When Payable	
January 1, 1915	January 1, 1915	$ 40,000					
SEE ATTACHMENT A - MMWEC							
	Total	$ 40,000				Total	NONE

The bonds and notes outstanding at the end of the 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

TOWN NOTES
(Issued on Account of Gas or Electric Lighting)

When Authorized*	Date of issue	Amount of Original Issue	Period of Payments		Interest		Amount Outstanding
			Amounts	When Payable	Rate	When Payable	
NONE							
	Total	0				Total	0

The bonds and notes outstanding at the end of the 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

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	Balance Beginning of Year	Additions	Retirements	Adjustments	Transfers	Balance End of Year
	(a)	(b)	(c)	(d)	(e)	(f)	(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

ANNUAL REPORT OF THE TOWN OF SOUTH HADLEY — YEAR ENDED DECEMBER 31, 2013

TOTAL COST OF PLANT - ELECTRIC (Continued)

Line No.	Account	Balance Beginning of Year	Additions	Retirements	Adjustments	Transfers	Balance End of Year
	(a)	(b)	(c)	(d)	(e)	(f)	(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 Inprovements						
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 Conduits						
29	358 Underground Conductors and Devices						
30	359 Roads and Trails						
31	**Total Transmission Plant**	0	0	0	0	0	0

ANNUAL REPORT OF THE TOWN OF SOUTH HADLEY — YEAR ENDED DECEMBER 31, 2013

TOTAL COST OF PLANT - ELECTRIC (Continued)

Line No.	Account	Balance Beginning of Year	Additions	Retirements	Adjustments	Transfers	Balance End of Year
	(a)	(b)	(c)	(d)	(e)	(f)	(g)
1	**4. DISTRIBUTION PLANT**						
2	360 Land and Land Rights						
3	361 Structures and Improvements						
4	362 Station Equipment	5,805,678	129,344				5,935,022
5	363 Storage Battery Equipment						
6	364 Poles, Towers and Fixtures	1,866,118	38,025	18,344			1,885,799
7	365 Overhead Conductors and Devices	7,921,611	123,243				8,044,854
8	366 Underground Conduits	2,949,165	4,178				2,953,343
9	367 Underground Conductors & Devices	3,833,459	33,848				3,867,307
10	368 Line Transformers	1,936,447	22,124	15,000			1,943,571
11	369 Services	774,926	4,932				779,858
12	370 Meters	1,915,568	7,456				1,923,024
13	371 Installation on Cust's Premises	1,099,638	19,667				1,119,305
14	372 Leased Prop. on Cust's Premises	239,596					239,596
15	373 Street Light and Signal Systems	1,211,110	15,438				1,226,548
16	**Total Distribution Plant**	29,553,316	398,255	33,344	0	0	29,918,227
17	**5. GENERAL PLANT**						
18	389 Land and Land rights	333,358					333,358
19	390 Structures and Improvements	765,007	4,100				769,107
20	391 Office Furniture and Equipment	1,018,765	113,298	57,183			1,074,880
21	392 Transportation Equipment	1,529,651	1,223				1,530,874
22	393 Stores Equipment	28,701					28,701
23	394 Tools, Shop and Garage Equipment	393,188					393,188
24	395 Laboratory Equipment	119,298					119,298
25	396 Power Operated Equipment	138,939					138,939
26	397 Communication Equipment	113,214					113,214
27	398 Miscellaneous Equipment	48,448					48,448
28	399 Other Tangible Property	804,551	106,666			545,550	1,456,767
29	**Total General Plant**	5,293,120	225,287	57,183	0	545,550	6,006,774
30	**Total Electric Plant in Service**	34,846,436	623,542	90,527	0	545,550	35,925,001
31				**TOTAL COST OF PLANT.....**			35,925,001
32							
33				Less Cost of Land, Land Rights, and Rights of Way			333,358
34				Total Cost upon which depreciation is based			35,591,643

The above figures should show the original cost of 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 values, should be taken as a basis for figuring depreciation.

ANNUAL REPORT OF THE TOWN OF SOUTH HADLEY — YEAR ENDED DECEMBER 31, 2013

COMPARATIVE BALANCE SHEET Assets and Other Debits

Line No.	Title of Account	Balance Beginning of Year	Balance End of Year	Increase or (Decrease)
	(a)	(b)	(c)	(d)
1	**UTILITY PLANT**			
2	101 Utility Plant -Electric	6,923,730	6,050,629	(873,101)
3	101 Utility Plant- Gas			
4	123 Investment in Associated Companies			
5	**Total Utility Plant**	6,923,730	6,050,629	(873,101)
6				
7				
8				
9				
10				
11	**FUND ACCOUNTS**			
12	125 Sinking Funds			
13	126 Depreciation Fund (P. 14)	3,572,450	4,623,941	1,051,491
14	128 Other Special Funds	12,108,089	12,186,759	78,670
15	**Total Funds**	15,680,539	16,810,700	1,130,161
16	**CURRENT AND ACCRUED ASSETS**			
17	131 Cash (P. 14)	3,246,965	2,210,325	(1,036,640)
18	132 Special Deposits	149,500	154,300	4,800
19	132 Working Funds	999,519	999,519	0
20	141 Notes and Receivables			
21	142 Customer Accounts Receivable	1,037,237	1,141,821	104,584
22	143 Other Accounts Receivable			
23	146 Receivables from Municipality			
24	151 Materials and Supplies (P. 14)	447,945	466,616	18,671
25				
26	165 Prepayments	123,854	111,058	(12,796)
27	174 Miscellaneous Current Assets			
28	**Total Current and Accrued Assets**	6,005,020	5,083,639	(921,381)
29	**DEFERRED DEBITS**			
30	181 Unamortized Debt Discount			
31	182 Extraordinary Property Debits			
32	185 Other Deferred Debits			
33	**Total Deferred Debits**			
34				
35	**Total Assets and Other Debits**	28,609,289	27,944,968	(664,321)

ANNUAL REPORT OF THE TOWN OF SOUTH HADLEY — YEAR ENDED DECEMBER 31, 2013

COMPARATIVE BALANCE SHEET Liabilities and Other Credits

Line No.	Title of Account	Balance Beginning of Year	Balance End of Year	Increase or (Decrease)
	(a)	(b)	(c)	(d)
1	**APPROPRIATIONS**			
2	201 Appropriations for Construction			
3	**SURPLUS**			
4	205 Sinking Fund Reserves			
5	206 Loans Repayment			
6	207 Appropriations for Construction Repayment..			
7	208 Unappropriated Earned Surplus (P. 12)	23,732,614	22,548,571	(1,184,043)
8	**Total Surplus**	23,732,614	22,548,571	(1,184,043)
9	**LONG TERM DEBT**			
10	221 Bonds (P. 6)			
11	231 Notes Payable (P 7)			
12	**Total Bonds and Notes**	0	0	0
13	**CURRENT AND ACCRUED LIABILITIES**			
14	232 Accounts Payable	534,424	766,314	231,890
15	234 Payables to Municipality			
16	235 Customer Deposits	149,500	154,300	4,800
17	236 Taxes Accrued			
18	237 Interest Accrued			
19	242 Miscellaneous Current and Accrued Liabilities	22,987	13,141	(9,846)
20	**Total Current and Accrued Liabilities**	706,911	933,755	226,844
21	**DEFERRED CREDITS**			
22	251 Unamortized Premium on Debt			
23	252 Customer Advance for Construction			
24	253 Other Deferred Credits	1,357,317	1,453,133	95,816
25	**Total Deferred Credits**	1,357,317	1,453,133	95,816
26	**RESERVES**			
27	260 Reserves for Uncollectable Accounts			
28	261 Property Insurance Reserve			
29	262 Injuries and Damages Reserves			
30	263 Pensions and Benefits			
31	265 Miscellaneous Operating Reserves			
32	**Total Reserves**			
33	**CONTRIBUTIONS IN AID OF CONSTRUCTION**			
34	271 Contributions in Aid of Construction	2,812,447	3,009,509	197,062
35	**Total Liabilities and Other Credits**	28,609,289	27,944,968	(664,321)

State below if any earnings 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.

ANNUAL REPORT OF THE TOWN OF SOUTH HADLEY — YEAR ENDED DECEMBER 31, 2013

STATEMENT OF INCOME FOR THE YEAR

Line No.	Account (a)	Current Year	Increase or (Decrease) from Preceding Year
1	**OPERATING INCOME**		
2	400 Operating Revenue (P. 37 and P. 43)	14,630,970	(1,598,145)
3	**Operating Expenses:**		
4	401 Operation Expense (P.42)	13,617,522	491,570
5	402 Maintenance Expense (P. 42)	345,821	(68,409)
6	403 Depreciation Expense	1,725,654	21,654
7	407 Amortization of Property Losses		
8			
9	408 Taxes (P. 48)		
10	**Total Operating Expenses**	15,688,997	444,815
11	Operating Income	(1,058,027)	(2,042,960)
12	414 Other Utility Operating Income (P.50)		
13			
14	**Total Operating Income**	(1,058,027)	(2,042,960)
15	**OTHER INCOME**		
16	415 Income from Merchandising, Jobbing, and Contract Work (P. 51)		
17	419 Interest Income	89,195	(25,757)
18	421 Miscellaneous Income		
19	**Total Other Income**	89,195	(25,757)
20	**Total Income**	(968,832)	(2,068,717)
21	**MISCELLANEOUS INCOME DEDUCTIONS**		
22	425 Miscellaneous Amortization		
23	426 Other Income Deductions	34,300	34,300
24	**Total Income Deductions**	34,300	34,300
25	**Income before Interest Charges**	(1,003,132)	(2,103,017)
26	**INTEREST CHARGES**		
27	427 Interest on Bonds and Notes		
28	428 Amortization of Debt Discount and Expense		
29	429 Amortization of Premium on Debt		
30	431 Other Interest Expense		
31	432 Interest Charged to Construction-Credit		
32	**Total Interest Charges**		
33	**Net Income**	(1,003,132)	(2,103,017)

EARNED SURPLUS

Line No.	(a)	Debits (b)	Credits (c)
34	Unappropriated Earned Surplus (at beginning of Period)		23,732,614
35			
36			
37	433 Balance transferred from Income	1,003,132	
38	434 Miscellaneous Credits to Surplus		
39	435 Miscellaneous Debits to Surplus	180,911	
40	436 Appropriations of Surplus (P.21)		
41	437 Surplus Applied to Depreciation		
42	208 Unappropriated Earned Surplus (at end of period)	22,548,571	
43			
44	Totals	**23,732,614**	**23,732,614**

CASH BALANCES AT END OF YEAR (Account 131)

Line No.	Items (a)	Amount (b)
1	Operation Fund	2,210,325
2	Interest Fund	
3	Bond Fund	
4	Construction Fund	
5		
6		
7		
8		
9		
10		
11		
12	Totals	2,210,325

MATERIALS AND SUPPLIES (Account 151-159, 163) Summary per Balance Sheet

Line No.	Account (a)	Amount End of Year Electric (b)	Amount End of Year Gas (c)
13	Fuel (Account 151) (See Schedule, Page 25)		
14	Fuel Stock Expenses (Account 152)		
15	Residuals (Account 153)		
16	Plant Materials and Operating Supplies (Account 154)	466,616	
17	Merchandise (Account 155)		
18	Other Materials and Supplies (Account 156)		
19	Nuclear Fuel Assemblies and Components - In Reactor (Acct 157)		
20	Nuclear Fuel Assemblies and Components - Stock Acct (Acct 158)		
21	Nuclear Byproduct Materials (Account 159)		
22	Stores Expense (Account 163)		
23	**Total per Balance Sheet**	466,616	0

DEPRECIATION FUND ACCOUNT (Account 126)

Line No.	(a)	Amount (b)
	DEBITS	
25	Balance of Account at Beginning of Year	3,572,450
26	Income During Year from Balance on Deposit	
27	Amount Transferred from Income	1,725,654
28	Totals	5,298,104
29		
30	**CREDITS**	
31	Amount expended for Construction Purposes (Sec. 57C164 of G.L.)	296,665
32	Amounts Expended for Renewals	642,213
33	Adjustment: Retirements	(67,654)
34	Adjustments: Contributions in Aid of Construction	(197,061)
35		
36		
37		
38		
39	Balance on Hand at End of Year	4,623,941
40	Totals	5,298,104

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) 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	Balance Beginning of Year	Additions	Depreciation	Other Credits	Adjustments Transfers	Balance End of Year
	(a)	(b)	(c)	(d)	(e)	(f)	(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

UTILITY PLANT - ELECTRIC (Continued)

Line No.	Account	Balance Beginning of Year	Additions	Depreciation	Other Credits	Adjustments Transfers	Balance End of Year
	(a)	(b)	(c)	(d)	(e)	(f)	(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 Inprovements						
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 Conduits						
29	358 Underground Conductors and Devices						
30	359 Roads and Trails						
31	**Total Transmission Plant**	0	0	0	0	0	0

ANNUAL REPORT OF THE TOWN OF SOUTH HADLEY — YEAR ENDED DECEMBER 31, 2013

UTILITY PLANT - ELECTRIC (Continued)

Line No.	Account	Balance Beginning of Year	Additions	Depreciation	Other Credits	Adjustments Transfers	Balance End of Year
	(a)	(b)	(c)	(d)	(e)	(f)	(g)
1	**4. DISTRIBUTION PLANT**						
2	360 Land and Land Rights						
3	361 Structures and Improvements						
4	362 Station Equipment	3,468,769	129,344	290,284			3,307,829
5	363 Storage Battery Equipment						
6	364 Poles, Towers and Fixtures	26,109	38,025	26,109	18,344		19,681
7	365 Overhead Conductors and Devices	720,245	123,243	672,371		(33,102)	138,015
8	366 Underground Conduits	4,752	4,178	4,751			4,179
9	367 Underground Conductors & Devices	373,917	33,848	191,673			216,092
10	368 Line Transformers	73,162	22,124	73,162	15,000		7,124
11	369 Services	16,516	4,932	16,516			4,932
12	370 Meters	361,937	7,456	95,778			273,615
13	371 Installation on Cust's Premises	350,449	19,667	54,982			315,134
14	372 Leased Prop. on Cust's Premises						
15	373 Street Light and Signal Systems	185,204	15,438	60,556			140,086
16	**Total Distribution Plant**	5,581,060	398,255	1,486,182	33,344	(33,102)	4,426,687
17	**5. GENERAL PLANT**						
18	389 Land and Land rights	333,358					333,358
19	390 Structures and Improvements		4,100				4,100
20	391 Office Furniture and Equipment	145,104	113,298	82,743	34,310	33,102	174,451
21	392 Transportation Equipment	76,275	1,223	76,274			1,224
22	393 Stores Equipment						
23	394 Tools, Shop and Garage Equipment						
24	395 Laboratory Equipment						
25	396 Power Operated Equipment						
26	397 Communication Equipment						
27	398 Miscellaneous Equipment						
28	399 Other Tangible Property	535,613	106,666	80,455		545,550	1,107,374
29	**Total General Plant**	1,090,350	225,287	239,472	34,310	578,652	1,620,507
30	**Total Electric Plant in Service**	6,671,410	623,542	1,725,654	67,654	545,550	6,047,194
31	104 Utility Plant leased to Others						
32	105 Property Held for Future Use						
33	107 Construction Work in Progress	252,320	296,665			(545,550)	3,435
	108 Accumulated Depreciation						
34	**Total Utility Electric Plant**	6,923,730	920,207	1,725,654	67,654	0	6,050,629

MISCELLANEOUS NON-OPERATING INCOME (Account 421)

Line No.	Item (a)	Amount (b)
1		
2		
3		
4		
5		
6	Total	0

OTHER INCOME DEDUCTIONS (Account 426)

Line No.	Item (a)	Amount (b)
7		
8		
9		
10		
11		
12		
13		
14	Total	0

MISCELLANEOUS CREDITS TO SURPLUS (Account 434)

Line No.	Item (a)	Amount (b)
15		
16		
17		
18		
19		
20		
21		
22		
23	Total	0

MISCELLANEOUS DEBITS TO SURPLUS (Account 435)

Line No.	Item (a)	Amount (b)
24	Operating Transfer to Town of South Hadley	180,911
25		
26		
27		
28		
29		
30		
31		
32	Total	180,911

APPROPRIATIONS OF SURPLUS (Account 436)

Line No.	Item (a)	Amount (b)
33		
34		
35		
36		
37		
38		
39		
40	Total	0

MUNICIPAL REVENUES (Accounts 482,444)
(K.W.H. Sold under the Provision of Chapter 269, Acts of 1927)

Line No.	Acct No.	Gas Schedule	Cubic Feet	Revenue Received	Average Revenue per M.C.F [0.0000]
		(a)	(b)	(c)	(d)
1					
2					
3	482				
4		Totals			

Line No.		Electric Schedule	K.W.H.	Revenue Received	Average Revenue per K.W.H. (cents) [0.0000]
		(a)	(b)	(c)	(d)
5					
6	444	Municipal: (Other Than Street Lighting)	5,256,242	704,067	13.3949
7					
8		Totals	5,256,242	704,067	13.3949
9					
10		Street Lighting	966,822	101,516	10.5000
11					
12		Totals	966,822	101,516	10.5000
13					
14					
15		Totals	6,223,064	805,583	12.9451

PURCHASED POWER (Account 555)

Line No.	Names of Utilities from which Electric Energy is Purchased	Where and at What Voltage Received	K.W.H.	Amount	Cost per K.W.H. (cents) [0.0000]
	(a)	(b)	(c)	(d)	(e)
16	PASNY via MMWEC	Pine Shed 115 KV	6,339,517	82,004	1.2935
17	Millstone 3	Pine Shed 115 KV	54,792,989	4,286,551	7.8232
18	Seabrook 4 & 5	Pine Shed 115 KV	37,282,144	2,590,018	6.9471
19	C/MORGA	Pine Shed 115 KV	1,524,000	60,132	3.9457
20	C/HESS	Pine Shed 115 KV	441,600	21,601	4.8915
21	C/NOBLE	Pine Shed 115 KV	1,795,200	102,528	5.7112
22	C/MCQRE	Pine Shed 115 KV	915,200	43,201	4.7204
23	C/PPWR	Pine Shed 115 KV	67,200	5,013	7.4600
24					
25		Totals	103,157,850	7,191,048	6.9709

SALES FOR RESALE (Account 447)

Line No.	Names of Utilities to which Electric Energy is Sold	Voltage Received Where and at What Voltage Received	K.W.H.	Amount	Revenues per K.W.H. [cents] [0.0000]
	(a)	(b)	(c)	(c)	(e)
26					
27					
28					
29					
30					
31		Totals			

ELECTRIC OPERATING REVENUES (Account 400)

1. Report below the amount of Operating Revenue for the year for each prescribed account and the amount of increase or decrease over the preceding year.
2. If increases and decreases are not derived from previously reported figures explain any inconsistencies.
3. Number of customers should be reported on the basis of number of meters, plus number of flat rate accounts, except that 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.
4. Unmetered sales should be included below. The details of such sales should be given in a footnote.
5. Classification of Commercial and Industrial Sales, Account 442, according to small (or Commercial) and 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 of demand. See Account 442 of the Uniform System of Accounts. Explain basis of classification.

		Operating Revenues		Kilowatt-hours Sold		Average Number of Customers per Month	
Line No.	Account	Amount for Year	Increase or (Decrease) from Preceding Year	Amount for Year	Increase or (Decrease) from Preceding Year	Number for Year	Increase or (Decrease) from Preceding Year
	(a)	(b)	(c)	(d)	(e)	(f)	(g)
1	**SALES OF ELECTRICITY**						
2	440 Residential Sales	7,978,510	(500,181)	60,426,286	517,582	6,931	11
3	442 Commercial and Industrial Sales:						
4	Small (or Commercial) see instr. 5	2,401,117	(184,591)	17,196,040	65,414	758	(9)
5	Large (or Industrial) see instr. 5	3,278,735	(780,866)	28,462,448	(4,084,445)	12	(1)
6	444 Municipal Sales (P.22)	805,583	(81,274)	6,223,064	(106,011)	54	6
7	445 Other Sales to Public Authorities						
8	446 Sales to Railroads and Railways						
9	448 Interdepartmental Sales						
10	449 Miscellaneous Electric Sales	63,994	(4,075)	333,851	(1,425)	273	(5)
11	**Total Sales to Ultimate Consumers**	14,527,939	(1,550,987)	112,641,689	(3,608,885)	8,028	2
12	447 Sales for Resale	0	0		0	0	
13	**Total Sales of Electricity***	14,527,939	(1,550,987)	112,641,689	(3,608,885)	8,028	2
14	**OTHER OPERATING REVENUES**						
15	450 Forfeited Discounts						
16	451 Miscellaneous Service Revenues	22,385	(2,379)				
17	453 Sales of Water and Water Power			*Includes revenues from application of fuel clauses			842,690
18	454 Rent from Electric Property	78,646	(24,494)				
19	455 Interdepartmental Rents			Total KWH to which applied			111,723,167
20	456 Other Electric Revenues	2,000	(20,285)				
21							
22							
23	Miscellaneous Adjustments to Sales						
24							
25	Total Other Operating Revenues.....	103,031	(47,158)				
26	Total Electric Operating Revenues.	14,630,970	(1,598,145)				

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 and unbilled sales may be reported separately in total.

Line No.	Acct No.	Schedule	K.W.H.	Revenue	Average Revenue per K.W.H. (cents) *(0.0000)	Number of Customers (per Bills Rendered)	
						July 31	December 31
		(a)	(b)	(c)	(d)	(e)	(f)
1	440	Residential - General	46,955,657	6,304,061	13.4256	N/A	5,790
2		Residential - Heating	13,470,629	1,674,449	12.4304	N/A	1,141
3		Residential - With Water Heating			N/A	N/A	
4	442	Commercial - Small	17,196,040	2,401,117	13.9632	N/A	758
5		Industrial	28,462,448	3,278,735	11.5195	N/A	12
6	444	Municipal - General	5,256,242	704,067	13.3949	N/A	53
7		Municipal - Street Lights	966,822	101,516	10.5000	N/A	1
8	449	Miscellaneous	333,851	63,994	19.1684	N/A	273
9							
10							
11							
12							
13							
14							
15							
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41							
42							
43							
44							
45							
46							
47							
48	Total Sales to Ultimate						
49	Consumers (Page 37 Line 11)		112,641,689	14,527,939	12.8975	N/A	8,028

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 divided from previously reported figures explain in footnote.

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

(continued on page 40)

ELECTRIC OPERATION AND MAINTENANCE EXPENSES (Continued)

Line No.	Account	Amount for Year	Increase or (Decrease) from Preceding Year
	(a)	(b)	(c)
1	**HYDRAULIC POWER GENERATION - CONTINUED**		
2	**Maintenance:**		
3	541 Maintenance Supervision and Engineering		
4	542 Maintenance of Structures		
5	543 Maintenance of Reservoirs, Dams and Waterways		
6	544 Maintenance of Electric Plant		
7	545 Maintenance of Miscellaneous Hydraulic Plant		
8	**Total Maintenance**	0	0
9	**Total Power Production Expenses - Hydraulic Power**	0	0
10	**OTHER POWER GENERATION**		
11	**Operation:**		
12	546 Operation Supervision and Engineering		
13	547 Fuel		
14	548 Operation Expenses		
15	549 Miscellaneous Other Power Generation Expenses		
16	550 Rents		
17	**Total Operation**	0	0
18	**Maintenance:**		
19	551 Maintenance Supervision and Engineering		
20	552 Maintenance of Structure		
21	553 Maintenance of Generating and Electric Plant		
22	554 Maintenance of Miscellaneous Other Power Generation Plant		
23	**Total Maintenance**	0	0
24	**Total Power Production Expenses - Other Power**	0	0
25	**OTHER POWER SUPPLY EXPENSES**		
26	555 Purchased Power	9,757,474	506,080
27	556 System Control and Load Dispatching		
28	557 Other Expenses	167,811	(20,110)
29	**Total Other Power Supply Expenses**	9,925,285	485,970
30	**Total Power Production Expenses**	9,925,285	485,970
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	1,889,246	119,508
39	566 Miscellaneous Transmission Expenses		
40	567 Rents		
41	**Total Operation**	1,889,246	119,508
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**	1,889,246	119,508

ELECTRIC OPERATION AND MAINTENANCE EXPENSES (Continued)

Line No.	Account	Amount for Year	Increase or (Decrease) from Preceding Year
	(a)	(b)	(c)
1	**DISTRIBUTION EXPENSES**		
2	**Operation:**		
3	580 Operation Supervision and Engineering	52,517	1,532
4	581 Load Dispatching		
5	582 Station Expenses	2,990	(2,145)
6	583 Overhead Line Expenses	281,241	18,958
7	584 Underground Line Expenses	31,357	(13,388)
8	585 Street Lighting and Signal System Expenses	0	0
9	586 Meter Expenses	29,736	657
10	587 Customer Installations Expenses	57,572	753
11	588 Miscellaneous Distribution Expenses	64,912	2,387
12	589 Rents		
13	**Total Operation**	520,325	8,754
14	**Maintenance:**		
15	590 Maintenance supervision and engineering	52,517	1,532
16	591 Maintenance of Structures		
17	592 Maintenance of Station Equipment	11,305	(29,520)
18	593 Maintenance of Overhead Lines	130,421	(38,827)
19	594 Maintenance of Underground Lines	10,798	(17,954)
20	595 Maintenance of Line Transformers	4,566	1,694
21	596 Maintenance of Street Lighting and Signal Systems	22,020	880
22	597 Maintenance of Meters	15,604	4,128
23	598 Maintenance of Miscellaneous Distribution Plant		
24	**Total Maintenance**	247,231	(78,067)
25	**Total Distribution Expenses**	767,556	(69,313)
26	**CUSTOMER ACCOUNTS EXPENSES**		
27	**Operation:**		
28	901 Supervision		
29	902 Meter Reading Expenses	16,088	(2,335)
30	903 Customer Records and Collection Expenses	214,474	20,595
31	904 Uncollectable Accounts	72,501	(78,388)
32	905 Miscellaneous Customer Accounts Expenses		
33	**Total Customer Accounts Expenses**	303,063	(60,128)
34	**SALES EXPENSES**		
35	**Operation:**		
36	911 Supervision		
37	912 Demonstrating and Selling Expenses		
38	913 Advertising Expenses	23,884	(2,862)
39	916 Miscellaneous Sales Expense		
40	**Total Sales Expenses**	23,884	(2,862)
41	**ADMINISTRATIVE AND GENERAL EXPENSES**		
42	**Operation:**		
43	920 Administrative and General Salaries	215,742	10,595
44	921 Office Supplies and Expenses	50,551	658
45	922 Administrative Expenses Transferred - Cr		
46	923 Outside Services Employed	123,416	3,138
47	924 Property Insurance	42,437	(313)
48	925 Injuries and Damages	28,527	4,657
49	926 Employees Pensions and Benefits	386,122	(102,285)
50	928 Regulatory Commission Expenses		
51	929 Duplicate Charges - Cr		
52	930 Miscellaneous General Expenses	108,924	23,878
53	931 Rents		
54	**Total Operation**	955,719	(59,672)

ELECTRIC OPERATION AND MAINTENANCE EXPENSES (Continued)

Line No.	Account	Amount for Year	Increase or (Decrease) from Preceding Year
	(a)	(b)	(c)
1	**ADMINISTRATIVE EXPENSES**		
2	**Maintenance:**		
3	932 Maintenance of General Plant	73,815	2,472
4	933 Transportation expense	24,775	7,186
5	**Total Maintenance**	98,590	9,658
6	**Total Administrative and General Expenses**	1,054,309	(50,014)
7	**Total Electric Operation and Maintenance Expenses**	13,963,343	423,161

SUMMARY OF ELECTRIC OPERATION AND MAINTENANCE EXPENSES

Line No.	Functional Classification	OPERATION	MAINTENANCE	TOTAL
	(a)	(b)	(c)	(d)
8	**Power Production Expenses**			
9	Electric Generation			
10	Steam Power			
11	Nuclear Power			
12	Hydraulic Power			
13	Other Power			
14	Other Power Supply Expenses	9,925,285		9,925,285
15	**Total Power Production Expenses**	9,925,285		9,925,285
16	Transmission Expenses	1,889,246		1,889,246
17	Distribution Expenses	520,325	247,231	767,556
18	Customer Accounts Expenses	303,063		303,063
19	Sales Expenses	23,884		23,884
20	Administrative and General Expenses	955,719	98,590	1,054,309
21	Power Production Expenses			
22	**Total Electric Operation and Maintenance Expenses**	13,617,522	345,821	13,963,343

23	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 22 (d), Depreciation (Acct 403) and Amortization (Acct 407)	107.23%
24	Total salaries and wages of electric department for year, including amounts charged to operating expenses, construction and other accounts	1,098,720
25	Total number of employees of electric department at end of year including administrative, operating, maintenance and other employees (including part time employees)	17

INCOME FROM MERCHANDISE, JOBBING AND CONTRACT WORK (Account 415)

Report by utility departments the revenues, costs, expenses, and net income from merchandising, jobbing, and contract work during year.

Line No.	Item	Electric Department	Gas Department	Other Utility Department	Total
	(a)	(c)	(d)	(d)	(e)
1	**Revenues:**				
2	Merchandising sales, less discounts,				
3	allowances and returns				
4	Contract Work				
5	Commissions				
6	Other(List according to major classes)				
7					
8					
9					
10	**Total Revenues**	0	0	0	0
11					
12					
13	Costs and Expenses:				
14	Cost of Sales (List according to Major				
15	classes of cost)				
16					
17	Labor				
18	Materials				
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)	0	0	0	0

SALES FOR RESALE (Acccount 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 an "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	Statistical Classification	Export Across State Lines	Point of Delivery	Substation	Kw or Kva of Demand (Specify which)		
						Contract Demand	Average Monthly Maximum Demand	Annual Maximum Demand
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)
1								
2								
3								
4								
5								
6								
7								
8								
9								
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26								
27								
28								
29								
30								
31								
32								
33								
34								
35								

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 sale may be grouped.

Type of Demand Reading	Voltage at which Delivered	Kilowatt-Hours	Revenue (Omit Cents)				Revenue per Kwh (cents) [0.0000}	Line No.
			Demand Charges	Energy Charges	Other Charges	Total		
(i)	(j)	(k)	(l)	(m)	(n)	(o)	(p)	
								1
								2
								3
								4
								5
								6
								7
								8
								9
								10
								11
								12
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								31
								32
								33
								34
	Totals	0	0	0	0	0	0.0000	35

PURCHASED POWER (Account 555)

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 sales 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 statisical classfication 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, amd othe power purchased from the same company. Describe the nature of any purchases classified as Other Power, column (b).

Line No.	Purchased From	Statistical Classification	Import Across State Lines	Point of Receipt	Substation	Kw or Kva Demand (Specify Which)		
						Contract Demand	Average Monthly Maximum Demand	Annual Maximum Demand
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)
1	PASNY via MMWEC	FP	X	Pine Shed	RS	1,198		
2	Millstone 3	O	X	Pine Shed	RS	6,619		
3	Seabrook 4 & 5	O	X	Pine Shed	RS	3,924		
4	C/MORGA	O	X	Pine Shed	RS			
5	C/HESS	O	X	Pine Shed	RS			
6	C/NOBLE	O	X	Pine Shed	RS			
7	C/MCQRE	O	X	Pine Shed	RS			
8	C/PPWR	O	X	Pine Shed	RS			
9								
10								
11								
12								
13								
14								
15								
16								
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31								
32								
33								
34								
35								

PURCHASED POWER (Account 555) (Continued)

(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 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 (l) 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	Voltage at which Delivered	Kilowatt-Hours	Cost of Energy (Omit Cents)				KWH (cents) (0.0000)	Line No.
			Capacity Charges	Energy Charges	Other Charges	Total		
(i)	(j)	(k)	(l)*	(m)	(n)	(n)	(p)	
60 Min	115KV	6,339,517	51,254	30,750		82,004	1.2935	1
60 Min	115KV	54,792,989	3,889,514	397,037		4,286,551	7.8232	2
60 Min	115KV	37,282,144	2,284,881	305,136		2,590,018	6.9471	3
60 Min	115KV	1,524,000		60,132		60,132	3.9457	4
60 Min	115KV	441,600		21,601		21,601	4.8915	9
60 Min	115KV	1,795,200		102,528		102,528	5.7112	6
60 Min	115KV	915,200		43,201		43,201	4.7204	7
60 Min	115KV	67,200		5,013		5,013	7.4600	8
								8
								10
								11
								12
								13
								14
								15
								16
								15
								18
								19
								20
								21
								22
								23
								24
								25
								26
								27
								28
								29
								30
								31
Note: capacity charges are reduced by annual flush of funds for PSA power contracts								32
								32
								34
	Totals	103,157,850	6,225,650	965,398	0	7,191,048	6.9709	35

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	Interchange Across State Lines	Point of Interchange	Voltage at Which Interchanged	Kilowatt-hours			Amount of Settlement
					Received	Delivered	Net Difference	
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)
1	NEPEX			115KV	121,699,950	108,053,470	13,646,480	2,566,426
2								
3								
4								
5								
6								
7								
8								
9								
10				Totals	121,699,950	108,053,470	13,646,480	2,566,426

B. Details of Settlement for Interchange Power

Line No.	Name of Company	Explanation	Amount
	(i)	(j)	(k)
11	NEPEX	NEPOOL Expense	167,213
12		Interchange Expense	2,399,213
13			
14			
15			
16			
17			
18		Total	2,566,426

ELECTRIC ENERGY ACCOUNT

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

Line No.	Item (a)			Kilowatt-hours (b)
1	**SOURCES OF ENERGY**			
2	Generation (excluding station use):			
3	Steam	Gas Turbine Combined Cycle		
4	Nuclea			
5	Hydro			
6	Other	Diesel		
7	Total generation			0
8	Purchases			103,157,850
9		{ In (gross)	121,699,950	
10	Interchanges	{ Out (gross)	108,053,470	
11		{ Net (Kwh)		13,646,480
12		{ Received		
13	Transmission for/by others	{ Delivered		
14		{ Net (kwh)		
15	**TOTAL**			116,804,330
16	**DISPOSITION OF ENERGY**			
17	Sales to ultimate consumers (including interdepartmental sales)			112,641,689
18	Sales for resale			
19	Energy furnished without charge			
20	Energy used by the company (excluding station use)			
21	Electric department only			224,808
22	Energy losses:			
23	Transmission and conversion losses			
24	Distribution losses		3,937,833	
25	Unaccounted for losses			
26	Total energy losses			3,937,833
27	Energy losses as percent of total on line 15		3.37%	
28			Total	116,804,330

MONTHLY PEAKS AND OUTPUT

1. Report hereunder the information called for pertaining to simultaneous peaks established monthly (in kilowatts) and monthly output (in killowatt-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 purchases plus or minus net interchange minus temporary deliveries (not interchange) or emergency power to another system. Monthly peak including such emergency deliveries should be shown in a footnote with a breif explanation as to the nature of the emergency.
3. State type of monthly peak reading (instantaneous 15, 30, or 60 minute 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 should agree with line 15 above.
5. If the respondent has two or more power systems and physically connected, the information called for below should be furnished for each system.

Monthly Peak

Line No.	Month (a)	Kilowatts (b)	Day of Week (c)	Day of Month (d)	Hour (e)	Type of Reading (f)	Monthly Output (kwh) See Instr. 4) (g)
29	January	21,797	Wednesday	23	19:00	60 min	11,006,746
30	February	19,738	Monday	4	19:00	60 min	9,729,881
31	March	17,767	Monday	4	19:00	60 min	9,693,682
32	April	16,382	Tuesday	2	20:00	60 min	8,351,653
33	May	22,572	Friday	31	17:00	60 min	8,435,802
34	June	25,456	Monday	24	17:00	60 min	9,721,775
35	July	28,059	Thursdy	18	17:00	60 min	12,788,982
36	August	22,738	Wednesday	28	18:00	60 min	10,063,205
37	September	25,206	Wednesday	11	20:00	60 min	8,771,785
38	October	15,904	Tuesday	29	20:00	60 min	8,404,078
39	November	18,858	Sunday	24	18:00	60 min	9,130,570
40	December	22,191	Tuesday	17	18:00	60 min	10,706,171
41						Total	116,804,330

SUBSTATIONS

1. Report below rhe 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 or each sub-station, designating whether transmission or distribution and whether attended or unattended.
5. Show in columns (i), (j), and (k) special equipment such as rotary converters, reflectors, condensers, etc. and auxilary 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	Character of Substation	Voltage			Capacity of Substation in Kva (in Service)	Number Of Trans-formers in Service	Number of Spare Trans-formers	Conversion Apparatus and Special Equipment		
			Primary	Secondary	Tertiary				Type of Equipment	No. of Units	Total Capacity
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)
1	PINESHED	Distribution	115KV	13.8KV		93,000	2	0			
2											
3											
4											
5											
6	**UNATTENDED**										
7											
8											
9											
10											
11											
12											
13											
14											
15											
16											
17											
18											
19											
20											
21											
22											
23					Totals	93,000	2	0		1	20,000 KVA

OVERHEAD DISTRIBUTION LINES OPERATED

Line No.	Item	Length (Pole Miles)		
		Wood Poles	Steel Towers	Total
1	Miles - Beginning of Year	92.48	NONE	92.48
2	Added During Year	0.04		0.04
3	Retired During Year	0.00		0.00
4	Miles - End of Year	92.52		92.52
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				

ELECTRIC DISTRIBUTION SERVICES, METERS AND LINE TRANSFORMERS

Line No.	Item	Electric Services	Number of Watt-hour Meters	Line Transformers	
				Number	Total Capacity (Kva)
16	Number at beginning of year	5,822	7,837	1,070	69,320.0
17	Additions during year:				
18	Purchased		73	3	250.0
19	Installed	12			
20	Associated with utility plant acquired		0	0	0.0
21	**Total additions**	12	73	3	250.0
22	Reduction during year:				
23	Retirements	3	2	6	1,915.0
24	Associated with utility plant sold				
25	**Total reductions**	3	2	6	1,915.0
26	**Number at End of Year**	5,831	7,908	1,067	67,655.0
27	In Stock		150	118	10,482.5
28	Locked Meters' on customers' premises				
29	Inactive Transformers on System				
30	In Customers' Use		7,755	948	57,097.5
31	In Companys' Use		3	1	75.0
32	**Number at End of Year**		7,908	1,067	67,655.0

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 Distribution System	Miles of Conduit Bank (All sizes and Types)	Underground Cable		Submarine Cable	
			Miles*	Operating voltage	Feet*	Operating Voltage
	(a)	(b)	(c)	(d)	(e)	(f)
1	Primary Distribution	2.0472	0.6496	5kv		
2	Primary Distribution	26.8676	36.0014	15kv		
3	Secondary Distribution	19.7288	67.1655	120/240V		
4	Municipal Distribution	7.0018	15.7701	120V		
5						
6						
7	*(1) Conductor per Cable					
8						
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						
21						
22						
23						
24						
25						
26						
27						
28						
29	Totals	55.6454	119.5866		0	

*Indicate number of conductors per cable.

STREET LAMPS CONNECTED TO SYSTEM

Line No.	City or Town	Total	TYPE							
			Incandescent		Mercury Vapor		Fluorescent		High Press. Sodium	
			Municipal	Other	Municipal	Other	Municipal	Other	Municipal	Other
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)
1	South Hadley	1,889	0	0	84	82	0	0	1,525	198
52	Totals	1,889	0	0	84	82	0	0	1,525	198

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 revenue predicted on the previous year's operations.

Date Effective	M.D.P.U. Number	Rate Schedule	Estimated Effect of Annual Revenues	
			Increases	Decrease
		********** SEE ATTACHMENT "B" **********		

THIS RETURN IS SIGNED UNDER THE PENALTIES OF PERJURY

Mayor

Wayne D. Doerpholz, Manager

Manager of Electric Light Department

Cheryl Scott Nicki, Chairman

Rita M. Lawler, Vice-Chairman

Jeffrey Labrecque, Clerk

Selectmen or Members of the Municipal Light Board

INDEX

PAGES INTENTIONALLY OMITTED 9, 13, 18-20, 23-36, 43-50, 58-67, 72-78, 80

EXTRACTS FROM CHAPTER 164 OF THE GENERAL LAWS AS AMENDED

Section 56. The mayor of a city, or the selectmen or municipal light board, if any, of a town acquiring a gas or electric plant shall appoint a manager of municipal lighting who shall, under the direction and control of the mayor, selectmen or municipal light board, if any, and subject to this chapter, have full charge of the operation and management of the plant, the manufacture and distribution of gas or electricity, the purchase of supplies, the employment of attorneys and of agents and servants, the method, time, price, quantity and quality of the supply, the collection of bills, and the keeping of accounts. His compensation and term of office shall be fixed in cities by the city council and in towns by the selectmen or municipal light board, if any; and, before entering upon the performance of his official duties, he shall give bond to the city or town for the faithful performance thereof in a sum and form and with sureties to the satisfaction of the mayor, selectmen or municipal light board, if any, and shall, at the end of each municipal year, render to them such detailed statement of his doings and of the business and financial matters in his charge as the department may prescribe. All moneys payable to or received by the city, town, manager or municipal light board in connection with the operation of the plant, for the sale of gas or electricity or otherwise, shall be paid to the city or town treasurer. All accounts rendered to or kept in the gas or electric plant of any city shall be subject to the inspection of the city auditor or officer having similar duties, and in towns they shall be subject to the inspection of the selectmen. The auditor or officer having similar duties, or the selectmen, may require any person presenting for settlement an account or claim against such plant to make oath before him or them, in such form as he or they may prescribe, as to the accuracy of such account or claim. The willful making of a false oath shall be punishable as perjury. The auditor or officer having similar duties in cities, and the selectmen in towns, shall approve the payment of all bills or payrolls of such plants before they are paid by the treasurer, and may disallow and refuse to approve for payment, in whole or in part, any claim as fraudulent, unlawful or excessive; and in that case the auditor or officer having similar duties, or the selectmen, shall file with the city or town treasurer a written statement of the reasons for the refusal; and the treasurer shall not pay any claim or bill so disallowed. This section shall not abridge the powers conferred on town accountants by sections fifty-five to sixty-one, inclusive, of chapter forty-one. The manager shall at any time, when required by the mayor, selectmen, municipal light board, if any, or department, make a statement to such officers of his doings, business, receipts, disbursements, balances, and of the indebtedness of the town in his department.

Section 57. At the beginning of each fiscal year, the manager of municipal lighting shall furnish to the mayor, selectmen or municipal light board, if any, an estimate of the income from sales of gas and electricity to private consumers during the ensuing fiscal year, and of the expense of the plant during said year, meaning the gross expenses of operation, maintenance and repair, the interest on the bonds, notes or certificates of indebtedness issued to pay for the plant, an amount for depreciation equal to three per cent of the cost of the plant exclusive of land and any water power appurtenant thereto, or such smaller or larger amount as the department may approve, the requirements of the sinking fund or debt incurred for the plant, and the loss, if any, in the operation of the plant during the preceding year, and of the cost, as defined in section fifty-eight, of the gas and electricity to be used by the town. The town shall include in its annual appropriations and in the tax levy not less than the estimated cost of the gas and electricity to be used by the town as above defined and estimated. By cost of the plant is intended the total amount expended on the plant to the beginning of the fiscal year for the purpose of establishing, purchasing, extending or enlarging the same. By loss in operation is intended the difference between the actual income from private consumers plus the appropriations for maintenance for the preceding fiscal year and the actual expense of the plant, reckoned as above, for that year in case such expenses exceeded the amount of such income and appropriation. The income from sales and the money appropriated as aforesaid shall be used to pay the annual expense of the plant, defined as above, for the fiscal year, except that no part of the sum therein included for depreciation shall be used for any other purpose than renewals in excess of ordinary repairs, extensions, reconstruction, enlargements and additions. The surplus, if any, of said annual allowances for depreciation after making the above payments shall be kept as a separate fund and used for renewals other than ordinary repairs, extensions, reconstructions, enlargements and additions in succeeding years, and for the cost of plant, nuclear decommissioning costs, the costs of contractual commitments, and deferred costs related to such commitments which the city council, the board of selectmen, or the municipal light board, if any, determines are above market value. Said depreciation fund shall be kept and managed by the town treasurer as a separate fund, subject to appropriation by the city council or selectmen or municipal light board, if any, for the foregoing purpose. Upon his own initiative or upon the request of the city council, selectmen or municipal light board, the treasurer shall invest or deposit the same as permitted by section fifty-five A of chapter forty-four, and any income thereon shall be credited to the depreciation fund. So much of said fund as the department may from time to time approve may also be used to pay notes, bonds or certificates of indebtedness issued to pay for the cost of reconstruction or renewals in excess of ordinary repairs, when such notes, bonds or certificates of indebtedness become due. All appropriations for the plant shall be either for the annual expense defined as above, or for extensions, reconstruction, enlargements or additions; and no appropriation shall be used for any purpose other than that stated in the vote making the same. No bonds, notes or certificates of indebtedness shall be issued by a town for the annual expenses as defined in this section.

Section 63. A town manufacturing or selling gas or electricity for lighting shall keep records of its work and doings at its manufacturing station, and in respect to its distributing plant, as may be required by the department. It shall install and maintain apparatus, satisfactory to the department, for the measurement and recording of the output of gas and electricity, and shall sell the same by meter to private consumers when required by the department, and, if required by it, shall measure all gas or electricity consumed by the town. The books, accounts and returns shall be made and kept in a form prescribed by the department, and the accounts shall be closed annually on the last day of the fiscal year of such town, and a balance sheet of that date shall be taken therefrom and included in the return to the department. The mayor, selectmen or municipal light board and manager shall, at any time, on request, submit said books and accounts to the inspection of the department and furnish any statement or information required by it relative to the condition, management and operation of said business. The department shall, in its annual report, describe the operation of the several municipal plants with such detail as may be necessary to disclose the financial condition and results of each plant; and shall state what towns, if any, operating a plant have failed to comply with this chapter, and what towns, if any, are selling gas or electricity with the approval of the department at less than cost. The mayor, or selectmen, or municipal light board, if any, shall annually, on or before such date as the department fixes, make a return to the department, for the preceding fiscal year, signed and sworn to by the mayor, or by a majority of the selectmen or municipal light board, if any, and by the manager, stating the financial condition of said business, the amount of authorized and existing indebtedness, a statement of income and expenses in such detail as the department may require, and a list of its salaried officers and the salary paid to each. The mayor, the selectmen or the municipal light board may direct any additional returns to be made at such time and in such detail as he or they may order. Any officer of a town manufacturing or selling gas or electricity for lighting who, being required by this section to make an annual return to the department, neglects to make such annual return shall, for the first fifteen days or portion thereof during which such neglect continues, forfeit five dollars a day; for the second fifteen days or any portion thereof, ten dollars a day; and for each day thereafter not more than fifteen dollars a day. Any such officer who unreasonably refuses or neglects to make such return shall, in addition thereto, forfeit not more than five hundred dollars. If a return is defective or appears to be erroneous, the department shall notify the officer to amend it within fifteen days. Any such officer who neglects to amend said return within the time specified, when notified to do so, shall forfeit fifteen dollars for each day during which such neglect continues. All forfeitures incurred under this section may be recovered by an information in equity brought in the supreme judicial court by the attorney general, at the relation of the department, and when so recovered shall be paid to the commonwealth.

Section 69. The supreme judicial court for the county where the town is situated shall have jurisdiction on petition of the department or of twenty taxable inhabitants of the town to compel the fixing of prices by the town in compliance with sections fifty-seven and fifty-eight, to prevent any town from purchasing, operating or selling a gas or electric plant in violation of any provision of this chapter, and generally to enforce compliance with the terms and provisions thereof relative to the manufacture or distribution of gas or electricity by a town.

MASSACHUSETTS MUNICIPAL WHOLESALE ELECTRIC COMPANY
Suggested Note to Participant Financial Statements
December 31, 2013

Town [City] of South Hadley, acting through its Light Department, is a Participant in certain Projects of the Massachusetts Municipal Wholesale Electric Company (MMWEC).

MMWEC is a public corporation and a political subdivision of the Commonwealth of Massachusetts, created as a means to develop a bulk power supply for its Members and other utilities. MMWEC is authorized to construct, own or purchase ownership interests in, and to issue revenue bonds to finance, electric facilities (Projects). MMWEC has acquired ownership interests in electric facilities operated by other entities and also owns and operates its own electric facilities. MMWEC sells all of the capability (Project Capability) of each of its Projects to its Members and other utilities (Project Participants) under Power Sales Agreements (PSAs). Among other things, the PSAs require each Project Participant to pay its *pro rata* share of MMWEC's costs related to the Project, which costs include debt service on the revenue bonds issued by MMWEC to finance the Project, plus 10% of MMWEC's debt service to be paid into a Reserve and Contingency Fund. In addition, should a Project Participant fail to make any payment when due, other Project Participants of that Project may be required to increase (step-up) their payments and correspondingly their Participant's share of that Project's Project Capability to an additional amount not to exceed 25% of their original Participant's share of that Project's Project Capability. Project Participants have covenanted to fix, revise and collect rates at least sufficient to meet their obligations under the PSAs.

MMWEC has issued separate issues of revenue bonds for each of its eight Projects, which are payable solely from, and secured solely by, the revenues derived from the Project to which the bonds relate, plus available funds pledged under MMWEC's Amended and Restated General Bond Resolution (GBR) with respect to the bonds of that Project. The MMWEC revenues derived from each Project are used solely to provide for the payment of the bonds of any bond issue relating to such Project and to pay MMWEC's cost of owning and operating such Project and are not used to provide for the payment of the bonds of any bond issue relating to any other Project.

MMWEC operates the Stony Brook Intermediate Project and the Stony Brook Peaking Project, both fossil-fueled power plants. MMWEC has a 3.7% interest in the W.F. Wyman Unit No. 4 plant, which is operated and owned by its majority owner, FPL Energy Wyman IV, LLC, a subsidiary of NextEra Energy Resources LLC, and a 4.8% ownership interest in the Millstone Unit 3 nuclear unit, operated by Dominion Nuclear Connecticut, Inc. (DNCI), the majority owner and an indirect subsidiary of Dominion Resources, Inc. DNCI also owns and operates the Millstone Unit 2 nuclear unit. The operating license for the Millstone Unit 3 nuclear unit extends to November 25, 2045.

A substantial portion of MMWEC's plant investment and financing program is an 11.6% ownership interest in the Seabrook Station nuclear generating unit operated by NextEra Energy Seabrook, LLC (NextEra Seabrook) the majority owner and an indirect subsidiary of NextEra Energy Resources LLC. The operating license for Seabrook Station extends to March 15, 2030. NextEra Seabrook has submitted an application to extend the Seabrook Station operating license for an additional 20 years.

Pursuant to the PSAs, the MMWEC Seabrook and Millstone Project Participants are liable for their proportionate share of the costs associated with decommissioning the plants, which costs are being funded through monthly Project billings. Also, the Project Participants are liable for their proportionate share of the uninsured costs of a nuclear incident that might be imposed under the Price-Anderson Act (Act). Originally enacted in 1957, the Act has been renewed several times. In July 2005, as part of the Energy Policy Act of 2005, Congress extended the Act until the end of 2025.

South Hadley Electric Light Department has entered into PSAs and Power Purchase Agreements (PPAs) with MMWEC. Under both the PSAs and PPAs, the Department is required to make certain payments to MMWEC payable solely from Department revenues. Under the PSAs, each Participant is unconditionally obligated to make all payments due to MMWEC, whether or not the Project(s) is completed or operating, and notwithstanding the suspension or interruption of the output of the Project(s).

MMWEC is involved in various legal actions. In the opinion of MMWEC management, the outcome of such actions will not have a material adverse effect on the financial position of the company.

Total capital expenditures for MMWEC's Projects amounted to $1,607,269,000 , of which $53,946,000 represents the amount associated with the Department's share of Project Capability of the Projects in which it participates, although such amount is not allocated to the Department. MMWEC's debt outstanding for the Projects includes Power Supply Project Revenue Bonds totaling $225,280,000 , of which $11,654,000 is associated with the Department's share of Project Capability of the Projects in which it participates, although such amount is not allocated to the Department. As of December 31, 2013, MMWEC's total future debt service requirement on outstanding bonds issued for the Projects is $218,518,000 , of which $11,087,000 is anticipated to be billed to the Department in the future.

The estimated aggregate amount of South Hadley Electric Light Department's required payments under the PSAs and PPAs, exclusive of the Reserve and Contingency Fund billings, to MMWEC at December 31, 2013 and estimated for future years is shown below.

For years ended December 31,	ANNUAL COSTS
2014	$ 3,639,000
2015	3,622,000
2016	2,539,000
2017	984,000
2018	303,000
2019	-
TOTAL	$ 11,087,000

In addition, under the PSAs, the Department is required to pay to MMWEC its share of the Operation and Maintenance (O&M) costs of the Projects in which it participates. The Department's total O&M costs including debt service under the PSAs were $7,308,000 and $7,406,000 for the years ended December 31, 2013 and 2012, respectively.

Attachment A

AS OF DECEMBER 31, 2013 | SOUTH HADLEY ELECTRIC LIGHT DEPARTMENT ($000) | PAGE 1

PROJECTS	PERCENTAGE SHARE	TOTAL PROJECT EXPENDITURES TO DATE	PARTICIPANT'S SHARE	DEBT ISSUED & OUTSTANDING 12/31/2013	PARTICIPANT'S SHARE	TOTAL DEBT SERVICE ON BONDS OUTSTANDING	PARTICIPANT'S SHARE
Stony Brook Peaking Project	-	$ 59,239	$ -	$ -	$ -	$ -	$ -
Stony Brook Intermediate Project	-	173,640	-	-	-	-	-
Nuclear Mix No. 1-SBK	-	13,840	-	447	-	233	-
Nuclear Mix No. 1-MLS	-	119,239	-	3,848	-	2,005	-
Nuclear Project No. 3-MLS	18.0079	149,093	26,849	44,760	8,060	42,720	7,693
Nuclear Project No. 4-SBK	7.4000	342,585	25,351	45,180	3,343	42,628	3,154
Nuclear Project No. 5-SBK	1.8769	93,026	1,746	13,355	251	12,801	240
Wyman Project	-	8,790	-	-	-	-	-
Project No. 6-SBK	-	647,817	-	117,690	-	118,131	-
TOTAL		$ 1,607,269	$ 53,946	$ 225,280	$ 11,654	$ 218,518	$ 11,087

PROJECTS	PERCENTAGE SHARE	OPERATION & MAINTENANCE 12/30/2012	PARTICIPANT'S SHARE	OPERATION & MAINTENANCE 12/31/2013	PARTICIPANT'S SHARE
Stony Brook Peaking Project	-	$ 3,693	$ -	$ 3,591	$ -
Stony Brook Intermediate Project	-	18,800	-	21,672	-
Nuclear Mix No. 1-SBK	-	1,129	-	1,378	-
Nuclear Mix No. 1-MLS	-	14,547	-	11,868	-
Nuclear Project No. 3-MLS	18.0079	26,267	4,730	25,453	4,584
Nuclear Project No. 4-SBK	7.4000	33,870	2,506	34,522	2,555
Nuclear Project No. 5-SBK	1.8769	9,082	170	9,018	169
Wyman Project	-	1,169	-	1,693	-
Project No. 6-SBK	-	59,400	-	60,105	-
TOTAL		$ 167,957	$ 7,406	$ 169,300	$ 7,308

PROJECTS	PERCENTAGE SHARE	2014 ANNUAL COST	2014 PARTICIPANT'S SHARE	2015 ANNUAL COST	2015 PARTICIPANT'S SHARE	2016 ANNUAL COST	2016 PARTICIPANT'S SHARE
Stony Brook Peaking Project	-	$ -	$ -	$ -	$ -	$ -	$ -
Stony Brook Intermediate Project	-	-	-	-	-	-	-
Nuclear Mix No. 1-SBK	-	215	-	-	-	-	-
Nuclear Mix No. 1-MLS	-	2,023	-	-	-	-	-
Nuclear Project No. 3-MLS	18.0079	14,063	2,532	14,311	2,577	9,182	1,653
Nuclear Project No. 4-SBK	7.4000	13,957	1,033	13,142	973	11,128	823
Nuclear Project No. 5-SBK	1.8769	3,934	74	3,821	72	3,370	63
Wyman Project	-	-	-	-	-	-	-
Project No. 6-SBK	-	31,951	-	31,087	-	31,225	-
TOTAL		$ 66,143	$ 3,639	$ 62,361	$ 3,622	$ 54,905	$ 2,539

PROJECTS	PERCENTAGE SHARE	2017 ANNUAL COST	2017 PARTICIPANT'S SHARE	2018 ANNUAL COST	2018 PARTICIPANT'S SHARE	2019 ANNUAL COST	2019 PARTICIPANT'S SHARE
Stony Brook Peaking Project	-	$ -	$ -	$ -	$ -	$ -	$ -
Stony Brook Intermediate Project	-	-	-	-	-	-	-
Nuclear Mix No. 1-SBK	-	-	-	-	-	-	-
Nuclear Mix No. 1-MLS	-	-	-	-	-	-	-
Nuclear Project No. 3-MLS	18.0079	3,492	629	1,672	301	-	-
Nuclear Project No. 4-SBK	7.4000	4,401	326	-	-	-	(1)
Nuclear Project No. 5-SBK	1.8769	1,559	29	117	2	-	1
Wyman Project	-	-	-	-	-	-	-
Project No. 6-SBK	-	16,460	-	3,980	-	3,728	-
TOTAL		$ 25,912	$ 984	$ 5,769	$ 303	$ 3,728	$ -

TERMS AND CONDITIONS FOR ELECTRIC SERVICE

THE FOLLOWING TERMS AND CONDITIONS ARE APPLICABLE TO AND MADE PART OF ALL RATE SCHEDULES. ANY SUCH TERMS AND CONDITIONS AS ARE INCONSISTENT WITH ANY SPECIFIC PROVISIONS OR ANY RATE SCHEDULE SHALL NOT APPLY THERETO.

1. The supply of electric service is contingent upon the Department's ability to secure and retain the necessary location for its poles, wires, conduit, cable and other apparatus. The character of service, to be made available at each location, will be determined by the Department and information relative thereto will be furnished by the Department on request. In general, the standard voltage supplied will be One Hundred Twenty – Two Hundred Forty (120/240) volts, single phase. Contact the Department to determine the availability of other voltages and characteristics.

2. Such wiring and other electrical equipment and apparatus as may be necessary in order to utilize the service shall be provided, installed, maintained, and used by the Customer in accordance with the requirements, if any, of the National Electric Code, and of all public authorities having jurisdiction of the same and the requirements of the Department. In general, the Department will not provide service until the Customer's wiring has been inspected and approved for energization by the Authority having Jurisdiction. The Department's *Information and Requirements for Electric Service* will be furnished upon request.

3. In general, all customers shall be served from one service location and one meter. Apartment buildings shall be served through one service, one building service meter, and individual meter(s) for each occupancy. In the case of more than one building in an apartment complex, each building service meter shall be considered an individual and separate account and will be billed separately.

4. All bills shall be due and payable upon presentation and shall be rendered monthly; however, the Department reserves the right to read meters and render bills on a bi-monthly basis. All bills of non-residential accounts, not paid within 45 days from the date of billing, shall bear interest at 1.5% per month on the unpaid balance from the date thereof until the date of payment.

5. The Department may discontinue its supply and remove its property from the premises in case the Customer fails to pay any bill due the Department for such service, after due notice thereof to the Customer, or fails to maintain his service equipment in a safe manner, or to perform any of his obligations to the Department. After such discontinuance, a reconnection fee will be charged to the Customer by the Department for restoration of service.

6. For the purpose of determining the amount of electricity delivered, meters shall be installed by the Department at locations to be designated by the Department. The Department, may at any time, change any of its meters.

7. The Customer shall furnish without charge, suitable locations and enclosures upon his premises for such lines, transformers, meters, and other apparatus and equipment as the Department may install for the purpose of supplying service. The Department shall have the right of access, at reasonable times, to the premises of the Customer for the purpose of installing, reading, inspecting, testing, and keeping in repair the apparatus and equipment of the Department, or for discontinuing service or for removing any or all of its apparatus and equipment or for the purpose of obtaining the necessary information for the proper application of the rate or rates under which service is supplied.

8. The Customer shall not injure, interfere, destroy or tamper with the meter or other property of the Department nor suffer or permit any person to do so. The Customer shall use all reasonable precautions to protect the property of the Department located on the premises of the Customer from damage and interference and shall be responsible for all damages to, or loss of, such property of the Department. The Customer shall so maintain and operate its electric equipment and apparatus as not to endanger or interfere with the service of the Department. Electric meters are the property of the Department. No one but authorized Department personnel shall cut and open the Department seal on a meter, remove and install a meter, install jumper pieces or other bypassing devices, remove or install sleeves, change the meter registration, or tamper in any way with the electric meter. Meters damaged accidentally or otherwise will be replaced at the expense of the property owner where the meter is located. When a meter is found to be tampered with, service to that meter will be disconnected. To have service restored, the responsible party must first pay a $45.00 reconnection fee, payable in cash at the Department Office. All violations will be reported to the Police Department for legal prosecution. To restore service after it has been disconnected, application must be made in person at the Department's Office. In addition to the fee for tampering, a deposit will be required, which will be equivalent to three month's normal consumption on the premises in question. Service will be reconnected 24 hours after payment of the preceding fee and deposit, if the matter has been resolved to the satisfaction of the Department.

9. Whenever the integrity of the supply of electric service may be threatened by the conditions on the Department's system or on a part or parts of the transmission and/or distribution system with which the Department is interconnected, the Department, in its sole judgment, may curtail or interrupt electrical service to the Customer and such curtailment or interruption shall not constitute willful default by the Department. The Department shall not be responsible for any failure to supply electric service nor interruption or abnormal voltage of the supply, or any damage resulting from the restoration of service, if such failure, interruption, abnormal voltage, or damage is without willful default on its part.

10. The Department shall not be liable for damage to the person or property of the Customer or any other person resulting from the use of electricity or the presence of the Department's apparatus and equipment on the Customer's premises.

11. Whenever the estimated expenditures for providing service, including but not limited to lines, apparatus and equipment, to properly supply electric service to the Customer shall exceed the projected annual revenue to be derived from said new service then, and in that event, the South Hadley Electric Light Department shall require the Customer to pay for said expenditures by either of the following methods, at the discretion of the Department:

    1. Lump sum payment at completion of installation work reimbursing the Department for said expenditures,

    2. Expenditures paid by Customer over a one-year period in twelve (12) equal monthly installments,

    3. Other methods at discretion of the Department

    Said payments shall be in addition to any payments for electricity at applicable rates.

12. The Department shall not be required to furnish electricity as a stand-by or to supplement electricity for a Customer's source of electricity supply other than hydro-generation.

13. No three-phase electric service shall be supplied by the Department unless electric load plans by a Registered Professional Engineer are submitted to the South Hadley Light Department and Wire Inspector and approved by said Electric Department.

14. In the case of three-phase service, where the building owner wishes the Department to supply a padmounted transformer with underground primary supply, the owner or contractor shall provide and install the foundation for the transformer and a concrete enclosed duct bank to the Department specifications with handholes if required for pulling and connections, all secondary voltage service cables and terminal fittings, meter troughs for self-contained meters, all as required by the Department, all permits and notices required by law for trenching; and will reimburse the Department for all costs in excess of its standard average installed costs for aerial service and pole-mounted transformers. The Department shall purchase and install (with Customer assistance if required) the padmounted transformer, underground primary cable and its termination, the meter(s) and instrument transformers, test switches and meter cabinets where required, primary voltage lightning arresters at riser pole, additional poles if required – all of which, except the first on private property, shall be reimbursed to the Department by the contractor.

15. Temporary service connections for new building construction purposes will be subject to a service charge covering the actual cost of installation and removal. Service supplied will be billed under the Temporary General Service – Schedule T-1. Utility-type construction

and wiring will not be supplied by the Department for fairs, carnivals, and other private property work.

16. The South Hadley Electric Light Department shall not be liable for, or in any way in respect of, any interruption, abnormal voltage, discontinuance or reversal of its service, due to causes beyond its immediate control whether by accident, labor difficulties, conditions of fuel supply, the attitude of any public authority, reduction in voltage, rotating of its feeders, selected blackouts, or failure to receive any electricity for which in any manner it has contracted, or due to the operation in accordance with good utility practice of any emergency bad reduction program by the South Hadley Electric Light Department or one with whom it has contracted for the supply of electricity or inability for any good reason to maintain uninterrupted and continuous service; provided, however, that if the South Hadley Electric Light Department is unable for any of the causes enumerated above to supply electricity for a continued period of two (2) days or more, then upon request of the Customer, the demand charge, if any, shall be pro-rated for the number of days of such inability as it relates to the number of days in the billing month.

17. The South Hadley Electric Light Department reserves the right to withhold and/or remove electric service to loads, which adversely affect the supply to other customers. Loads that produce harmonic distortion, voltage fluctuations, noise or low power factor, are examples of loads that are potentially detrimental.

18. The Customer shall, at all times, take and use energy in such a manner that the load will be balanced between phases to within 10%. The Department reserves the right to require the Customer to make necessary changes at his expense to correct the unbalanced condition.

19. All such policies and regulations shall be consistent with the General Laws of the Commonwealth of Massachusetts, Chapter 164 in particular, and other applicable regulations and orders of the Massachusetts Department of Telecommunications and Energy.

M.D.T.E. No. 83
Cancels
M.D.P.U. No. 73

SOUTH HADLEY ELECTRIC LIGHT DEPARTMENT

RESIDENTIAL SERVICE
SCHEDULE R1

1. **AVAILABLE**:
In all areas served by the South Hadley Electric Light Department. No energy to be resold.

2. **APPLICABILITY:**
This rate is applicable to single and multiple occupancy residential customers; including individual homes, apartments, and residential occupancies. This rate will include the customer's entire requirement of electricity as measured by one meter.

3. **CHARACTER OF SERVICE:**
A.C.; 60 Hertz; Single Phase – 120, 208, 240 Volts

4. **BASE RATE (Applied Monthly):**

Delivery Services		
Customer Charge	$2.90	per month
Distribution Charge	$0.02990	per kWh
Transmission Charge	$0.00720	per kWh
Transition Charge	$0.04020	per kWh
Supplier Services		
Generation Charge	$0.05400	per kWh
Transition Adjustment Charge		per kWh
NYPA Hydropower Credit		per kWh

5. **TRANSITION ADJUSTMENT CHARGE:**
On all consumption there shall be an adjustment (charge or credit) due to the cost of power as provided in the Transition Adjustment Charge M.D.T.E. No. 88 in effect at time of billing.

6. **NYPA HYDROPOWER CREDIT**
On all consumption there shall be an adjustment (charge or credit) due to the cost of power as provided in the NYPA Hydropower Credit M.D.T.E. No. 89 in effect at time of billing.

DATE ISSUED: DATE EFFECTIVE:

May 22, 2001 October 1, 2001

7. **MINIMUM CHARGE:**
The Minimum Charge under this schedule is the Customer Charge plus the following charge, if applicable.

A charge of $1.00 per installed kVA transformer capacity per billing period shall be made for each kVA in excess of 5 kVA that is required by the customer. At the option of the Department, a demand type meter may be employed to measure this requirement.

8. **TERMS OF PAYMENT:**
Bills calculated and issued under this schedule shall be considered due when presented. The bill calculated will be subject to a 10% discount on the Delivery Services for payment prior to the expiration of the Discount Period, which shall extend 14 Calendar days from Date of Billing. The discount is not applicable to Supplier Services or to the Transition Adjustment Charge. The Minimum Charge, as defined under this schedule, shall be applicable at all times.

9. **SPECIAL CONDITIONS:**
The Department's *Terms and Conditions for Electric Service* currently in effect are a part of this rate schedule, where not inconsistent with any specific provisions thereof.

SOUTH HADLEY ELECTRIC LIGHT DEPARTMENT

RESIDENTIAL SERVICE WITH ELECTRIC DOMESTIC WATER HEATING SCHEDULE RW

1. **AVAILABLE:**
In all areas served by the South Hadley Electric Light Department. No energy to be resold.

2. **APPLICABILITY:**
This rate is applicable to single and multiple occupancy residential customers with electric domestic water heating, having no other source of domestic hot water available. This rate will include the customer's entire requirement of electricity as measured by one meter.

3. **CHARACTER OF SERVICE:**
A.C.; 60 Hertz; Single Phase – 120, 208, 240 Volts

4. **BASE RATE(Applied Monthly):**

Delivery Services		
Customer Charge	$5.50	per month
Distribution Charge	$0.02990	per kWh
Transmission Charge	$0.00720	per kWh
Transition Charge	$0.04020	per kWh
Supplier Services		
Generation Charge – first 500 kWh	$0.05400	per kWh
Generation Charge – next 300 kWh	$0.03800	per kWh
Generation Charge – over 800 kWh	$0.05400	per kWh
Transition Adjustment Charge		per kWh
NYPA Hydropower Credit		per kWh

5. **TRANSITION ADJUSTMENT CHARGE:**
On all consumption there shall be an adjustment (charge or credit) due to the cost of power as provided in the Transition Adjustment Charge M.D.T.E. No. 88 in effect at time of billing.

6. **NYPA HYDROPOWER CREDIT**
On all consumption there shall be an adjustment (charge or credit) due to the cost of power as provided in the NYPA Hydropower Credit M.D.T.E. No. 89 in effect at time of billing.

7. **MINIMUM CHARGE:**
The Minimum Charge under this schedule is the Customer Charge plus the following charge, if applicable.

A charge of $1.00 per installed kVA transformer capacity per billing period shall be made for each kVA in excess of 5 kVA that is required by the customer. At the option of the Department, a demand type meter may be employed to measure this requirement.

8. **TERMS OF PAYMENT:**
Bills calculated and issued under this schedule shall be considered due when presented. The bill calculated will be subject to a 10% discount on the Delivery Services for payment prior to the expiration of the Discount Period, which shall extend 14 Calendar days from Date of Billing. The discount is not applicable to Supplier Services or to the Transition Adjustment Charge. The Minimum Charge, as defined under this schedule, shall be applicable at all times.

9. **SPECIAL CONDITIONS;**
All water heaters and apparatus incidental thereto, including wiring connections, are subject to the Department's approval as to type and size. The Department's *Terms and Conditions for Electric Service* currently in effect are a part of this rate schedule where not inconsistent with any specific provisions thereof.

M.D.T.E. No. 86
Cancels
M.D.P.U. No. 76

SOUTH HADLEY ELECTRIC LIGHT DEPARTMENT

SMALL GENERAL SERVICE
SCHEDULE GC1

1. **AVAILABLE:**
In all areas served by the South Hadley Electric Light Department. No energy to be resold.

2. **APPLICABILITY:**
This rate is applicable to the entire service requirement for electricity at a single metering location of any customer subject to the provisions of this section. Service under this rate schedule is available for any purpose, including commercial, municipal, and educational applications, having a monthly usage of less than 10,000 kWh and demand of less than 200 kW.

3. **CHARACTER OF SERVICE:**
A.C.; 60 Hertz; Single Phase – 120, 208, 240 Volts or
Three Phase – 208, 480 Volts

4. **BASE RATE (Applied Monthly):**

Delivery Services		
Customer Charge	$7.00	per month
Distribution Charge	$0.01867	per kWh
Transmission Charge	$0.00410	per kWh
Transition Charge	$0.05200	per kWh
Supplier Services		
Generation Charge	$0.05400	per kWh
Transition Adjustment Charge		per kWh

5. **TRANSITION ADJUSTMENT CHARGE:**
On all consumption there shall be an adjustment (charge or credit) due to the cost of power as provided in the Transition Adjustment Charge M.D.T.E. No. 88 in effect at time of billing.

6. **MINIMUM CHARGE:**
The minimum charge under this schedule is the Customer Charge.

7. **DETERMINATION OF DEMAND:**
The demand shall be determined by suitable instruments and shall be the highest 15 minute peak occurring during the month as measured in kilowatts.

DATE ISSUED: DATE EFFECTIVE:

May 22, 2001 October 1, 2001

8. **TERMS OF PAYMENT:**
Bills calculated and issued under this schedule shall be considered due when presented. All bills, not paid within 45 days from the date of billing, shall bear interest at 1.5% per month on the unpaid balance from the date thereof until the date of payment.

9. **SPECIAL CONDITIONS:**
The Department's *Terms and Conditions for Electric Service* currently in effect area a part of this rate schedule, where not inconsistent with any specific provision thereof.

SOUTH HADLEY ELECTRIC LIGHT DEPARTMENT

LARGE GENERAL SERVICE
SCHEDULE LGS

1. **AVAILABLE:**
In all areas served by the South Hadley Electric Light Department. No energy to be resold.

2. **APPLICABILITY:**
This rate is applicable to the entire service requirement for electricity at a single metering location of any customer subject to the provisions of this section. A customer will be served under this rate if the customer's average monthly billing demand exceeds 200 kW. A customer may be transferred from this rate if the customer's 12-month average monthly demand is less than 180 kW of demand for 3 consecutive months.

3. **CHARACTER OF SERVICE:**
A.C.; 60 Hertz; Three Phase – 208, 480, 4,160, 13,800 Volts where available.

4. **BASE RATE (Applied Monthly):**

Delivery Services		
Customer Charge	$650.00	per month
Distribution Demand Charge	$3.41	per kW
Distribution Energy Charge	$0.00514	per kWh
Transmission Demand Charge	$1.59	per kW
Transition Demand Charge	$2.50	per kW
Transition Energy Charge	$0.02600	per kWh
Supplier Services		
Generation Charge	$0.05400	per kWh
Transition Adjustment Charge		per kWh

5. **TRANSITION ADJUSTMENT CHARGE:**
On all consumption there shall be an adjustment (charge or credit) due to the cost of power as provided in the Transition Adjustment Charge M.D.T.E. No. 88 in effect at time of billing.

6. **MINIMUM CHARGE:**
The Minimum Charge under this schedule is the Customer Charge.

7. **DETERMINATION OF DEMAND:**
The demand shall be determined by suitable instruments and shall be the greater of:

(A) the highest 15-minute peak occurring during the month as measured in kilowatts or;

(B) 90% of the highest 15-minute peak occurring during the month as measured in kilovolt-amperes

8. **TERMS OF PAYMENT:**
Bills calculated and issued under this schedule shall be considered due when presented. All bills, not paid within 45 days from the date of billing, shall bear interest at 1.5% per month on the unpaid balance from the date thereof until the date of payment.

9. **SPECIAL CONDITIONS:**
When the Department must install special transformers or other equipment to provide service for welding loads, or other highly fluctuating loads, the Department shall have the option of measuring the kilowatts and the kilovolt-amperes required by instantaneous meters and 50% of the values so found shall be used in determining the kilowatts and kilovolt-amperes used for billing.

The Department's *Terms and Conditions for Electric Service* currently in effect are a part of the rate schedule where not inconsistent with any specific provisions hereof.

10. **SPECIAL TRANSFORMER FACILITIES:**
The Department normally provides and meters service at one voltage. When additional voltages are required, the Department, at its option, may provide, in addition to the primary voltage, a maximum of two (2) secondary voltages at the same location, and the customer will be metered at the primary voltage.

SOUTH HADLEY ELECTRIC LIGHT DEPARTMENT

TRANSITION ADJUSTMENT CHARGE

When stated in the electric rate schedule, there shall be included a Transition Adjustment Charge, in addition to the other charge, representative of the purchased power charges paid by the Department.

The Transition Adjustment Charge rate per Kilowatt Hour shall be computed by utilizing the total cost of purchased power paid by the Department to its suppliers for the period, adjusted for previous period's recovery, divided by the total Kilowatt Hours of energy anticipated to be billed by the Department for the period. The Transition Adjustment Charge rate shall be calculated to the nearest thousandth of a cent ($.00001) in the following manner:

A Total Purchased Power cost including NEPOOL interchange charge to Accounts 555, 556, 557 and 565 (*) for the period plus the NYPA savings calculated pursuant to M.D.T.E. No. 89, all divided by:

B Estimated kWhs to be sold during the period will be compared to:

C Base period cost of purchased power per kWh sold, amounting to 0.0413 per kWh sold minus

D The Generation Charge in effect at the time.

The difference between the base cost and the annual cost per kWh estimated to be sold will be applied in the billing period. The Transition Adjustment Charge will be calculated as follows:

$$TAC = [\ A/B\ ] - [\ C+D\ ]$$

This calculation will normally be made on a quarterly basis and a single Transition Adjustment Charge billed for the entire quarter, although the Department may change the Transition Adjustment Charge more frequently if such changes are required.

(*) An adjustment to the purchased power cost shall be made to reflect the difference between estimated and actual purchased power costs and kWh sold in the prior period in order to recover or credit any under collection or over collection of purchased power charges.

SOUTH HADLEY ELECTRIC LIGHT DEPARTMENT

NYPA HYDROPOWER CREDIT

1. **AVAILABILITY:**

Residential customers will receive a credit equal to the number of kilowatt-hours billed during the period multiplied by the NYPA Hydropower Credit Rate determined as follows:

$$NYPA = \frac{(GC - (NC/NK)) * NK}{RK}$$

Where

NYPA is the NYPA Hydropower Credit Rate for the period;

GC is the Generation Charge in effect for the period;

NC is the forecast total cost of hydropower from the New York Power Authority for the period;

NK is the forecast total kilowatt-hours of power purchased from the New York Power Authority for the period;

RK is the estimated number of residential kilowatt-hours to which the NYPA Hydropower Credit will be applied for the period.

This calculation will normally be made on a quarterly basis and a single NYPA Hydropower Credit billed for the entire quarter, although the Department may change the NYPA Hydropower Credit more frequently if such a change is required.

Adjustments shall be made to reflect differences between estimated and actual hydropower costs and residential kWh sold in the prior period in order to recover or credit any under collection or over collection of hydropower savings.

SOUTH HADLEY ELECTRIC LIGHT DEPARTMENT

GENERAL SERVICE DEMAND
SCHEDULE GSD

1. **AVAILABLE:**
In all areas served by the South Hadley Electric Light Department. No energy to be resold.

2. **APPLICABILITY:**
This rate is applicable to the entire service requirement for electricity at a single metering location of any customer subject to the provisions of this section. A customer will be served under this rate if the customer's average monthly usage exceeds 10,000 kWh, but average monthly billing demand does not exceed 200 kW. A customer may be transferred from this rate if the customer's 12-month average monthly usage for 3 consecutive months is (a) less than 8,000 kWh/month, or (b) greater than 200 kW of demand.

3. **CHARACTER OF SERVICE:**
A.C.; 60 Hertz; Three-Phase power at 208, 480 Volts.

4. **BASE RATE (Applied Monthly):**

Delivery Services		
Customer Charge	$40.00	per month
Distribution Demand Charge	$4.61	per kW
Distribution Energy Charge	$0.01649	per kWh
Transmission Demand Charge	$1.82	per kW
Transition Energy Charge	$0.03500	per kWh
Supplier Services		
Generation Charge	$0.05400	per kWh
Transition Adjustment Charge		per kWh

5. **TRANSITION ADJUSTMENT CHARGE:**
On all consumption there shall be an adjustment (charge or credit) due to the cost of power as provided in the Transition Adjustment Charge M.D.T.E. No. 88 in effect at time of billing.

6. **MINIMUM CHARGE:**
The minimum charge under this schedule is the Customer Charge.

7. **DETERMINATION OF DEMAND:**
The demand shall be determined by suitable instruments and shall be the highest 15 minute peak occurring during the month as measured in kilowatts.

8. **TERMS OF PAYMENT:**
Bills calculated and issued under this schedule shall be considered due when presented. All bills, not paid within 45 days from the date of billing, shall bear interest at 1.5% per month on the unpaid balance from the date thereof until the date of payment.

9. **SPECIAL CONDITIONS:**
When the Department must install special transformers or other equipment to provide service for welding loads, or other highly fluctuating loads, the Department shall have the option of measuring the kilowatts and the kilovolt-amperes required by instantaneous meters and 50% of the values so found shall be used in determining the kilowatts and kilovolt-amperes used for billing.

The Department's *Terms and Conditions for Electric Service* currently in effect are a part of the rate schedule where not inconsistent with any specific provisions hereof.

10. **SPECIAL TRANSFORMER FACILITIES:**
The Department normally provides and meters service at one voltage. When additional voltages are required, the Department, at its option, may provide, in addition to the primary voltage, a maximum of two (2) secondary voltages at the same location, and the customer will be metered at the primary voltage.

SOUTH HADLEY ELECTRIC LIGHT DEPARTMENT

SECURITY LIGHTING

1. **AVAILABLE:**
In all areas served by the South Hadley Electric Light Department.

2. **APPLICABILITY**:
This rate is applicable for general area lighting on Private Property only.

3. **BASE RATE (Applied Monthly):**

Fixture Type	Lumens	kWh	Monthly Rate
Mercury Vapor			
175 Watt	7,950	71	$11.40
*250 Watt	11,200	99	$15.80
*400 Watt	21,000	157	$20.60
Sodium Vapor			
70 Watt	6,400	35	$ 8.50
150 Watt	16,000	67	$13.50
250 Watt	27,500	108	$20.30
400 Watt	50,000	166	$31.60

* No additional new lights of these sizes and types will be installed. These sizes and types will be replaced with similar light of sodium vapor upon failure or request.

4. **TRANSITION ADJUSTMENT CHARGE:**
On all consumption there shall be an adjustment (charge or credit) due to the cost of power as provided in the Transition Adjustment Charge M.D.T.E. No. 88 in effect at time of billing.

5. **TERMS OF PAYMENT:**
Bills calculated and issued under this schedule are considered due when presented.

6. **SPECIAL CONDITIONS:**
Above rates include: Conventional type mercury or sodium vapor luminaire, map, a photoelectric control (dusk to dawn) and maintenance.

Above rates do not include: Pole(s), wire, underground supply, lighting fixture of the customer's choice, or control switch.

M.D.T.E. No. 92
Cancels
M.D.P.U. No. 82

SOUTH HADLEY ELECTRIC LIGHT DEPARTMENT

TEMPRORARY GENERAL SERVICE
SCHEDULE T-1

1. **AVAILABLE:**
In all areas served by the South Hadley Electric Light Department. No energy to be resold.

2. **APPLICABILITY:**
This rate is applicable to the entire service requirement for electricity at a single metering location of any customer, on a temporary basis, subject to the provisions of this section. Service under this rate schedule is available for the construction of buildings or structures and any location not attached to a permanent building or structure.

3. **CHARACTER OF SERVICE:**
A.C.; 60 Hertz; Single Phase – 120, 208, 240 Volts

4. **BASE RATE (Applied Monthly):**

Delivery Services		
Customer Charge	$25.00	per month
Distribution Charge	$0.02054	per kWh
Transmission Charge	$0.00451	per kWh
Transition Charge	$0.05720	per kWh
Supplier Services		
Generation Charge	$0.0594	per kWh
Transition Adjustment Charge		per kWh

5. **TRANSITION ADJUSTMENT CHARGE:**
On all consumption there shall be an adjustment (charge or credit) due to the cost of power as provided in the Transition Adjustment Charge M.D.T.E. No. 88 in effect at time of billing.

6. **MINIMUM CHARGE:**
The minimum charge under this schedule is the Customer Charge, plus the following charge, if applicable.

A charge of $1.00 per installed kVA transformer capacity per billing period shall be made for each kVA in excess of five (5) kVA that is required by the Customer. At the option of the Department, a demand type meter may be employed to measure this requirement.

DATE ISSUED: May 22, 2001

DATE EFFECTIVE: October 1, 2001

7. **INSTALLATION CHARGE:**
A fee of $90.00 will apply to all temporary service installations not requiring temporary pole(s) or other supporting appurtenances. When requested, the Department will install and later remove a temporary pole and supporting appurtenances for use by the Customer as a temporary service structure for a total installation fee of $150.00. All installation fees shall be payable in advance.

8. **TERMS OF PAYMENT:**
Bills calculated and issued under this schedule shall be considered due when presented. All bills, not paid within 45 days from the date of billing, shall bear interest at 1.5% per month on the unpaid balance from the date thereof until the date of payment.

9. **SPECIAL CONDITIONS:**
The Department's *Terms and Conditions for Electric Service* currently in effect area a part of this rate schedule, where not inconsistent with any specific provision thereof.

M.D.T.E. No. 93
Cancels
M.D.T.E. No. 84

SOUTH HADLEY ELECTRIC LIGHT DEPARTMENT

RESIDENTIAL HEATING AND COOLING
SCHEDULE RH

1. **AVAILABLE:**
In all areas served by the South Hadley Electric Light Department. No energy to be resold.

2. **APPLICABILITY:**
This rate is applicable to single and multiple occupancy residential customers with permanently installed electric comfort heating, having no other source of comfort heating available. This rate will include the customer's entire requirement of electricity as measured by one meter.

3. **CHARACTER OF SERVICE:**
A.C.; 60 Hertz; Single Phase – 120, 208, 240 Volts

4. **BASE RATE (Applied Monthly):**

Delivery Services		
Customer Charge	$2.90	per month
Distribution Charge	$0.02990	per kWh
Transmission Charge	$0.00720	per kWh
Transition Charge	$0.04020	per kWh
Supplier Services		
Generation Charge: December - April		
First 800 kWh	$0.04400	per kWh
Over 800 kWh	$0.02800	per kWh
Generation Charge: May – November		
First 800 kWh	$0.05000	per kWh
Over 800 kWh	$0.06000	per kWh

Seasonal Generation Charge shall be applied based on the month in which the bill is issued.

5. **TRANSITION ADJUSTMENT CHARGE:**
On all consumption there shall be an adjustment (charge or credit) due to the cost of power as provided in the Transition Adjustment Charge M.D.T.E. No.88 in effect at time of billing.

DATE ISSUED: DATE EFFECTIVE:

November 12, 2002 December 1, 2002

6. **NYPA HYDROPOWER CREDIT**
On all consumption there shall be an adjustment (charge or credit) due to the cost of power as provided in the NYPA Hydropower Credit M.D.T.E. No. 89 in effect at time of billing.

7. **MINIMUM CHARGE:**
The Minimum Charge under this schedule is the Customer Charge plus the following charge, if applicable.

A charge of $1.00 per installed kVA transformer capacity per billing period shall be made for each kVA in excess of 5 kVA that is required by the customer. At the option of the Department, a demand type meter may be employed to measure this requirement.

8. **TERMS OF PAYMENT**:
Bills calculated and issued under this schedule shall be considered due when presented. The bill calculated will be subject to a 10% discount on the Delivery Services for payment prior to the expiration of the Discount Period, which shall extend 14 Calendar days from Date of Billing. The discount is not applicable to Supplier Services or to the Transition Adjustment Charge. The Minimum Charge, as defined under this schedule, shall be applicable at all times.

9. **SPECIAL CONDITIONS;**
The Department's *Terms and Conditions for Electric Service* currently in effect are a part of this rate schedule, where not inconsistent with any specific provision thereof.