## The Commonwealth of Massachusetts

## Return

of the

**Municipal Light Department of** 

the Town of Princeton

to the

# **Department of Public Utilities**

of Massachusetts

For the Year ended December 31,

2016

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

Official title: General Manager

Brian Allen

Office address: 168 Worcester Road

Princeton, MA 01541

Form AC-19



The Board of Commissioners Princeton Municipal Light Department Princeton, Massachusetts 01541

Management is responsible for the accompanying financial statements of Princeton Municipal Light Department, which comprise the balance sheet as of December 31, 2016, and the related statements of income and unappropriated retained earnings for the year then ended, included in the accompanying prescribed form in accordance with accounting principles generally accepted in the United States of America. We have performed a compilation engagement in accordance with Statements on Standards for Accounting and Review Services promulgated by the Accounting and Review Services Committee of the AICPA. We did not audit or review the financial statements included in the accompanying prescribed form nor were we required to perform any procedures to verify the accuracy or completeness of the information provided by management. Accordingly, we do not express an opinion, a conclusion, nor provide any form of assurance on these financial statements.

#### Other Matter

The financial statements included in the accompanying prescribed form are presented in accordance with the requirements of the Massachusetts Department of Public Utilities, and are not intended to be a presentation in accordance with accounting principles generally accepted in the United States of America.

Goulet, Salvidio & Associates P.C.

Loulet, Salvidio & associates P.C.

Worcester, Massachusetts

March 30, 2017

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AIII	GF	NERAL INFORMA		Page 3			
	- OL		TION	raye s			
1.	Name of town (or city)	making report.		Princeton			
2.	If the town (or city) has Kind of plant, whether Owner from whom pur Date of votes to acquir chapter 164 of the O Record of votes: First v Date when town (or cit	Electric 1918					
3.	Name and address of	manager of municipal lighting	g:				
	Brian Allen	168 Worcester Road	Princeton, MA 01541				
4.	Name and address of	mayor or selectmen:					
	Jon Fudeman Stan Moss Edith Morgan	224 Worcester Road 125 Calamint Hill Rd N 33 Thompson Road	Princeton, MA 01541 Princeton, MA 01541 Princeton, MA 01541				
5.	Name and address of	town (or city) treasurer:					
	Jim Dunbar	6 Town Hall Drive	Princeton, MA 01541				
6.	Name and address of	town (or city) clerk:					
	Lynne Grettum	6 Town Hall Drive	Princeton, MA 01541				
7.	Names and addresses	of members of municipal lig	ht board:				
	Chris Conway Timothy Cochrell James Whitman	90 Mirick Rd 112 Brooks Station Rd 30 Hickory Drive	Princeton, MA 01541 Princeton, MA 01541 Princeton, MA 01541				
8.	Total valuation of estat (taxable)	tes in town (or city) according	g to last State valuation	\$ 447,855,714.00			
9.	Tax rate for all purpose	es during the year:	Residential	\$17.80			
		Commercial/Industrial/	Open Space /Personal Property	\$17.80 \$17.80			
10.	Amount of manager's	salary:		\$118,000			
11.	Amount of manager's I	oond:		\$0			
12.	2. Amount of salary paid to members of municipal light board (each): \$0						

	NISH SCHEDULE OF GAS AND ELECTRIC				
1 01	COAS AND LLLCTRIC	LIGITITEANTOTO	IN THE HOUSE I	LAIN, LINDING DE	Amount
	INCOME FROM PRIVA	ATE CONSUMERS:			7 tilloditt
1	From sales of gas				0
	From sales of electricit	V			3,800,000
3		,		TOTAL	3,800,000
4				_	-,,
5	EXPENSES				
6	For operation, mainten	ance and repairs			3,100,000
	For interest on bonds,				, ,
8	For depreciation fund (	3 %	12,241,522	as per page 9)	367,246
9	For sinking fund require	ements			
10	For note payments				
11	For bond payments				
12	For loss in preceding y	ear			
13				TOTAL	3,467,246
14					
15	COST:				
	Of gas to be used for n				
	Of gas to be used for s	_			
	Of electricity to be used	-	ngs		136,817
	Of electricity to be used	•			9,614
	Total of above items to	be included in the ta	ıx levy		146,431
21					
	New construction to be		•		440.404
23	Total amounts to be i		vy		146,431
Nam	an of cities or to one in	CUSTOMERS	Names of siting		the plant condice
	nes of cities or towns in	<u>-</u>		or towns in which	
	olies GAS, with the numers in each.	iber of customers	meters in each.	with the number of	Customers
mett	cis ili cacii.	Number	meters in each.		Number
	City or Town	of Customers'		ity or Town	of Customers'
	Oity of Town	Meters, Dec. 31		nty or Town	Meters, Dec. 31
		Wictors, Dec. 61	Princeton		1,467
			i imocion		1,407
	TAT::			T0.T4:	4.40=
	TOTAL	0		TOTAL	1,467

(Inc		ELATIONS SINCE BEG rect to tax levy, even w	SINNING OF YEAR where no appropriation is made	or required.)	
FOR *At *At	CONSTRUCTION OR PURC meeting meeting	HASE OF PLANT	, to be paid from ** , to be paid from **	TOTAL_	0
1. 2. 3.	THE ESTIMATED COST OF TO BE USED BY THE CITY Street lights  Municipal buildings		RICITY		9,614 136,817
				TOTAL_	146,431
* Date	e of meeting and whether regu	ılar or special	** Here insert bonds, no	otes or tax levy	
	С	HANGES IN THE PRO	OPERTY		
1.			s in the property during the last o the works or physical propert		
	In gas property:	Not applicable			

Bonds
(Issued on Account of Gas or Electric Lighting.)

/hen Authorized*Date of IssueOriginal Issue **AmountsWhen PayableRateWhen Payableat End of YearJan 31,1984Nov 11, 1984550,000			Amount of	Period of Paymer	nts		Interest	Amount Outstandin
Jan 31,1984 Dec 21, 2002 Dec 21	When Authorized*	Date of Issue	Original Issue **	Amounts	When Payable	Rate	When Payable	at End of Year
Dec 21, 2002 Dec 21, 2002 225,000 -	Jan 31,1984		550,000					-
			225,000					-
TOTAL 775.000				•				
TOTAL 775.000				ĺ				
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TOTAL TOTAL								
		TOTAL	775 000	-			TOTAL	

The bonds and notes outstanding at end of year should agree with the Balance Sheet.

When bond and notes are repaid report the first three columns only

<sup>\*</sup> Date of meeting and whether regular or special

<sup>\*\*</sup> List original issues of bonds and notes including those that have been repaid

#### **Town Notes**

(Issued on Account of Gas or Electric Lighting.)

		Amount of	Period of Pay			Interest	
When Authorized*	Date of Issue	Original Issue **	Amounts	When Payable	Rate	When Payable	at End of Year
17-Dec-09	17-Dec-09	500,000					
09-Jul-10	09-Jul-10	225,000					
Mar 31, 2015	Mar 31, 2015	6,858,913					6,079,4
,	,	, ,					, ,
	TOTAL	7,583,913	1			TOTAL	6,079,4

The bonds and notes outstanding at end of year should agree with the Balance Sheet.

When bond and notes are repaid report the first three columns only

<sup>\*</sup> Date of meeting and whether regular or special

<sup>\*\*</sup> List original issues of bonds and notes including those that have been repaid

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

#### **TOTAL COST OF PLANT - ELECTRIC**

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).

additio	dditions and retirements for the current or the enclosed in parentheses to indicate the negative						
		Balance					Balance
Line	Account	Beginning of Year	Additions	Retirements	Adjustments	Transfers	End of Year
No.	(a)	(b)	(c)	(d)	(e)	(f)	(g)
1	INTANGIBLE PLANT						
2							
3							
4		0	0	0	0	0	0
5	2. PRODUCTION PLANT						
6	A. Steam Production						
7	310 Land and Land Rights						
8	311 Structures and Improvements						
9	312 Boiler Plant Equipment						
10	313 Engines and Engine Driven Generators						
11	314 Turbogenerator Units						
12	315 Accessory Electric Equipment						
13	316 Miscellaneous Power Plant Equipment						
15	Total Steam Production Plant	0	0	0	0	0	0
16	B. Nuclear Production Plant						
17	320 Land and Land Rights						
18	321 Structures and Improvements						
19	322 Reactor Plant Equipment						
20	323 Turbogenerator Units						
21	324 Accessory Electric Equipment						
22	325 Miscellaneous Power Plant Equipment						
	Total Nuclear Production Plant	0	0	0	0	0	0

#### TOTAL COST OF PLANT - ELECTRIC (Continued

		Balance					Balance
Line	Account	Beginning of Year	<b>Additions</b>	Retirements	Adjustments	Transfers	End of Year
No.	(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 Improvements						
13	342 Fuel Holders, Producers and Accessories						
14	343 Prime Movers						
15	344 Generators						
16	345 Accessory Electric Equipment						
17	346 Miscellaneous Power Plant Equipment						
18	Total Other Production Plant	0	0	0	0	0	0
19	Total Production Plant	0	0	0	0	0	0
20	<ol><li>Transmission Plant</li></ol>						
21	350 Land and Land Rights						
22	351 Clearing Land and Rights of Way						
23	352 Structures and Improvements						
24	353 Station Equipment						
25	354 Towers and Fixtures						
26	355 Poles and Fixtures						
27	356 Overhead Conductors and Devices						
28	357 Underground Conduit						
29	358 Underground Conductors and Devices						
30	359 Roads and Trails						
31	Total Transmission Plant	0	0	0	0	0	0

Page 8B	Next Page	is	10
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Annual Report of the Town of Princeton

TOTAL COST OF PLANT (Concluded							
Line		Balance					Balance
No.	Account	Beginning of Year	Additions	Retirements	Adjustments	Transfers	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	233,047	-	-	-	-	233,047
5	363 Storage Battery Equipment	-	-	-	-	-	-
6	364 Poles Towers and Fixtures	1,839,063	282,728	(8,610)	-	290	2,113,471
7	365 Overhead Conductors and Devices	206,083	-	-	-	-	206,083
8	366 Underground Conduit	105,297	-	-	-	-	105,297
9	367 Underground Conductors and Devices	75,958	-	-	-	-	75,958
10	368 Line Transformers	461,072	-	(11,900)	-	-	449,172
11	369 Services	116,015	-	-	-	-	116,015
12	370 Meters	105,261	15,488	(1,505)	-	-	119,244
13	371 Installations on Customer's Premises	-	-	-	-	-	-
14	372 Leased Prop on Customer's Premises	7,489	12	-	-	-	7,501
15	373 Streetlight and Signal Systems	15,062	-	-	-	-	15,062
16	Total Distribution Plant	3,164,347	298,228	(22,015)	0	290	3,440,850
17	5. GENERAL PLANT						
18	389 Land and Land Rights	74,835	-	-	-	-	74,835
19	390 Structures and Improvements	439,758	5,777	-	-	-	445,535
20	391 Office Furniture and Equipment	132,240	4,782	-	-	-	137,022
21	392 Transportation Equipment	794,550	202,350	-	-	-	996,900
22	393 Stores Equipment	68	-	-	-	-	68
23	394 Tools, Shop and Garage Equipment	49,081	-	-	-	-	49,081
24	395 Laboratory Equipment	35	-	-	-	-	35
25	396 Power Operated Equipment	-	-	-	-	-	-
26	397 Communication Equipment	6,186	-	-	-	-	6,186
27	398 Miscellaneous Equipment	50,583	-	-	-	-	50,583
28	399 Other Tangible Property	7,115,262	-	-	-	-	7,115,262
29	Total General Plant	8,662,598	212,909	0	0	0	8,875,507
30	Total Electric Plant in Service	11,826,945	511,137	(22,015)	0	290	12,316,357
	Total Cost of Electric Plant						12,316,357
	Less Cost of Land, Land Rights, Rights of Way					74,835	
34				Total Cost upon w			12,241,522
	ove figures should show the original cost of the ex						
should	be deducted from the cost of the plant. The net co	ost of the property, less	the land value, s	hould be taken as	a basis for figurir	ng depreciation.	

#### COMPARATIVE BALANCE SHEET Assets and Other Debits Balance Balance Increase Line Title of Account Beginning End or No. (a) of Year of Year (Decrease) (b) (c) (d) **UTILITY PLANT** 101 Utility Plant - Electric (P. 17) 9,456,579 9,615,443 158,864 3 101 Utility Plant - Gas (P. 20) 0 0 105 Property Held for Future Use (P. 17) 0 0 0 5 107 Construction Work in Progress (P. 17) 290 (290)6 **Total Utility Plant** 9,456,869 9,615,443 158,574 7 8 9 10 11 **FUND ACCOUNTS** 12 125 Sinking Funds 13 126 Depreciation Fund (P. 14) 413,511 400,975 814,486 14 128 Other Special Funds 15 **Total Funds** 413,511 814,486 400,975 16 **CURRENT AND ACCRUED ASSETS** 941,784 17 131 Cash (P. 14) 1,054,569 (112,785)18 132 Special Deposits 28,855 34,583 5,728 19 135 Working Funds 800 800 0 20 141 Notes Receivable 0 0 21 142 Customer Accounts Receivable 369,153 388,580 19,427 22 143 Other Accounts Receivable 121,591 115,515 (6,076)23 146 Receivables from Municipality 0 0 0 151 Materials and Supplies (P. 14) 24 173,362 158,463 (14,899)26 165 Prepayments 714,282 719,620 5,338 174 Miscellaneous Current Assets 27 33,590 30,231 (3,359)28 **Total Current and Accrued Assets** 2,496,202 2,389,576 (106,625)29 **DEFERRED DEBITS** 30 181 Unamortized Debt Discount 0 0 0 31 182 Extraordinary Property Losses 0 32 185 Other Deferred Debits 42,269 148,787 106,518 33 **Total Deferred Debits** 42,269 148,787 106,518 34 35 12,408,851 12,968,292 **Total Assets and Other Debits** 559.441

0

12,408,851

343,972

12,968,292

343,972

559,441

**CONSTRUCTION** 

271 Contributions in Aid of Construction

**Total Liabilities and Other Credits** 

34

35

#### COMPARATIVE BALANCE SHEET Liabilities and Other Credits Balance Balance Increase Line Title of Account Beginning End or of Year of Year (Decrease) No. (a) (b) (c) (d) 1 **APPROPRIATIONS** 2 0 201 Appropriations for Construction 0 3 **SURPLUS** 4 205 Sinking Fund Reserves 0 0 0 5 206 Loans Repayment 0 0 0 6 207 Appropriations for Construction Repayments 0 0 7 208 Unappropriated Earned Surplus (P. 12) 3,666,188 4,235,695 569,507 8 **Total Surplus** 3,666,188 4,235,695 569,507 9 **LONG TERM DEBT** 10 221 Bonds (P. 6) 0 0 231 Notes Payable (P. 7) 6,079,491 11 6,754,990 (675,499)12 **Total Bonds and Notes** 6,754,990 6,079,491 (675,499)13 **CURRENT AND ACCRUED LIABILITIES** 14 232 Accounts Payable 310,067 284,783 (25,284)234 Payables to Municipality 15 0 16 235 Customers' Deposits 26,635 32,360 5,725 17 236 Taxes Accrued 0 0 0 18 237 Interest Accrued 0 0 0 19 242 Miscellaneous Current and Accrued Liabilities 244,019 432,691 188,672 20 **Total Current and Accrued Liabilities** 580,721 749,834 169,113 **DEFERRED CREDITS** 21 22 251 Unamortized Premium on Debt 0 0 0 23 252 Customer Advances for Construction 0 0 0 24 253 Other Deferred Credits 0 271,722 271,722 25 **Total Deferred Credits** 0 271,722 271,722 **RESERVES** 26 27 260 Reserves for Uncollectible Accounts 5,000 5.000 0 261 Property Insurance Reserve 28 0 0 29 262 Injuries and Damages Reserves 0 0 263 Pensions and Benefits Reserves 30 1,401,952 1,282,578 (119,374)31 265 Miscellaneous Operating Reserves 32 **Total Reserves** 1,406,952 1,287,578 (119,374)33 **CONTRIBUTIONS IN AID OF**

	STATEMENT OF INCOME FOR THE YEAR	,	
			Increase or
Line	Account	Current Year	(Decrease) from
No.	(a)	(b)	Preceding Year
	ODEDATING INCOME		(c)
1	OPERATING INCOME	2 772 722	(25.707)
3	400 Operating Revenues (P. 37 and 43) Operating Expenses:	3,772,732	(25,707)
4	401 Operation Expense (p. 42 and 47)	2,493,315	(463,134)
5	402 Maintenance Expense	265,005	143,278
6	403 Depreciation Expense	352,563	26,723
7	407 Amortization of Property Losses	002,000	0
8	To Fill of the Color of the Col		
9	408 Taxes (P. 49)	0	0
10	Total Operating Expenses	3,110,883	(293,133)
11	Operating Income	661,849	267,426
12	414 Other Utility Operating Income (P. 50)	0	0
13			
14	Total Operating Income	661,849	267,426
15	OTHER INCOME		
16	415 Income from Merchandising, Jobbing,		
	and Contract Work (P. 51)	34,065	(3,288)
17	419 Interest Income	9,075	6,701
18	421 Miscellaneous Nonoperating Income (P. 21)	4,871	1,755
19	Total Income	48,011	5,168
20 21	Total Income MISCELLANEOUS INCOME DEDUCTIONS	709,860	272,594
22	425 Miscellaneous Amortization	0	0
23	426 Other Income Deductions	0	0
24	Total Income Deductions	0	0
25	Income Before Interest Charges	709,860	272,594
26	INTEREST CHARGES		
27	427 Interest on Bonds and Notes	0	0
28	428 Amortization of Debt Discount and Expense	0	0
29	429 Amortization of Premium on Debt - Credit	0	0
30	431 Other Interest Expense	133,269	(31,635)
31	432 Interest: Charged to Construction - Credit		0
32	Total Interest Charges	133,269	(31,635)
33	NET INCOME	576,591	304,229
	EARNED SURPLUS		0 134
Line	Account	Debits	Credits
No.	(a) 208 Unappropriated Earned Surplus (at beginning of period)	(b)	(c) 3,666,188
35	200 Onappropriated Earned Surpius (at beginning or period)		3,000,100
36			
37	433 Balance Transferred from Income		576,591
38	434 Miscellaneous Credits to Surplus (P. 21)		0
39	435 Miscellaneous Debits to Surplus (P. 21)	0	
40	436 Appropriations of Surplus (P. 21)	7,084	
41	437 Surplus Applied to Depreciation	,	
42	208 Unappropriated Earned Surplus (at end of period)	4,235,695	
43			
44	TOTALS	4,242,779	4,242,779

	Allilu	al Report of the Town of Princeton Year Ended Decen	1001 31, 2010	Page 14
No.   (a)		CASH BALANCES AT END OF YEAR		
Operation Fund	Line	Items		Amount
Operation Fund	No.	(a)		(b)
Amount End of Year	1			` '
MATERIALS AND SUPPLIES (Accounts 151-159, 163)   MATERIALS AND SUPPLIES (Accounts 151-159, 163)   Summary per Balance Sheet	2			, -
A	3			
MATERIALS AND SUPPLIES (Accounts 151-159, 163)   MATERIALS AND SUPPLIES (Accounts 151-159, 163)   Summary per Balance Sheet				
MATERIALS AND SUPPLIES (Accounts 151-159, 163)   Summary per Balance Sheet				
Total				
### ATTERIALS AND SUPPLIES (Accounts 151-159, 163) ### ATTERIALS AND SUPPLIES (Accounts 151-159, 163) ### Summary per Balance Sheet    Amount End of Year   Electric   Gas				
S				
10				
MATERIALS AND SUPPLIES (Accounts 151-159, 163)   Summary per Balance Sheet				
TOTAL   941,784				
Amount End of Year				
Summary per Balance Sheet	12		TOTAL	941,784
Line   Account   Account   Electric   Gas   (b)	MATE	RIALS AND SUPPLIES (Accounts 151-159, 163)		
Line   Account   Account   Electric   Gas   (b)		Summary per Balance Sheet		
Line No. (a) (a) (b) (c)  13 Fuel (Account 151) (See Schedule, Page 25)  14 Fuel Stock Expenses (Account 152)  15 Residuals (Account 153)  16 Plant Materials and Operating Supplies (Account 154 (151))  17 Merchandise (Account 155)  18 Other Materials and Supplies (Account 156)  19 Nuclear Fuel Assemblies and Components - In Reactor (Account 157)  20 Nuclear Fuel Assemblies and Components - Stock Account (Account 158)  21 Nuclear Byproduct Materials (Account 159)  22 Stores Expense (Account 163)  23 Total Per Balance Sheet 158,463 0  DEPRECIATION FUND ACCOUNT (Account 126)  Line No. (a) (a) (b)  DEBITS  Balance of account at beginning of year 413,511		• •	Amount End	of Year
No.   (a) (b) (c)	Line	Account		
13   Fuel (Account 151 ) (See Schedule, Page 25)   14   Fuel Stock Expenses (Account 152)   15   Residuals (Account 153)   16   Plant Materials and Operating Supplies (Account 154 (151))   17   Merchandise (Account 155)   18   Other Materials and Supplies (Account 156)   158,463   Nuclear Fuel Assemblies and Components - In Reactor (Account 157)   20   Nuclear Fuel Assemblies and Components - Stock Account (Account 158)   Nuclear Byproduct Materials (Account 159)   Stores Expense (Account 163)   22   Stores Expense (Account 163)   Total Per Balance Sheet   158,463   0				
14 Fuel Stock Expenses (Account 152) 15 Residuals (Account 153) 16 Plant Materials and Operating Supplies (Account 154 (151)) 17 Merchandise (Account 155) 18 Other Materials and Supplies (Account 156) 19 Nuclear Fuel Assemblies and Components - In Reactor (Account 157) 20 Nuclear Fuel Assemblies and Components - Stock Account (Account 158) 21 Nuclear Byproduct Materials (Account 159) 22 Stores Expense (Account 163) 23 Total Per Balance Sheet 158,463  DEPRECIATION FUND ACCOUNT (Account 126)  Line No. (a) (b)  DEBITS 25 Balance of account at beginning of year 26 Income during year from balance on deposit (interest) 27 Amount transferred from income (depreciation) 28 Additional amount transferred from operations 29 CREDITS 31 Amount expended for construction purposes (Sec. 57,C.164 of G.L.) 32 Amounts expended for renewals, viz:- 33 Power Contract Settlement 34 35 36 37 38 39 Balance on hand at end of year 814,486		( )	(5)	(0)
Residuals (Account 153) Plant Materials and Operating Supplies (Account 154 (151)) Merchandise (Account 155) Other Materials and Supplies (Account 156) 19 Nuclear Fuel Assemblies and Components - In Reactor (Account 157) 20 Nuclear Fuel Assemblies and Components - Stock Account (Account 158) Nuclear Byproduct Materials (Account 159) Stores Expense (Account 163) 23 Total Per Balance Sheet  DEPRECIATION FUND ACCOUNT (Account 126) Line No. (a) DEBITS Balance of account at beginning of year Income during year from balance on deposit (interest) Amount transferred from income (depreciation) Additional amount transferred from operations  CREDITS  Amount expended for construction purposes (Sec. 57,C.164 of G.L.) Amounts expended for renewals,viz:- Power Contract Settlement  814,486 Balance on hand at end of year  814,486				
Plant Materials and Operating Supplies (Account 154 (151))   Merchandise (Account 155)   Other Materials and Supplies (Account 156)   Nuclear Fuel Assemblies and Components - In Reactor (Account 157)   Nuclear Byproduct Materials (Account 159)   Other Balance Byproduct Materials (Account 159)   Other Balance Sheet   Other B				
17 Merchandise (Account 155) 18 Other Materials and Supplies (Account 156) 19 Nuclear Fuel Assemblies and Components - In Reactor (Account 157) 20 Nuclear Fuel Assemblies and Components - Stock Account (Account 158) 21 Nuclear Byproduct Materials (Account 159) 22 Stores Expense (Account 163) 23 Total Per Balance Sheet  DEPRECIATION FUND ACCOUNT (Account 126)  Line No.  (a)  DEBITS Balance of account at beginning of year Income during year from balance on deposit (interest) Amount transferred from income (depreciation) 352,560 45,000 29 Additional amount transferred from operations  TOTAL CREDITS  Amount expended for construction purposes (Sec. 57,C.164 of G.L.) 0 Amounts expended for renewals,viz:- Power Contract Settlement  814,486		·		
Other Materials and Supplies (Account 156) Nuclear Fuel Assemblies and Components - In Reactor (Account 157) Nuclear Fuel Assemblies and Components - Stock Account (Account 158) Nuclear Byproduct Materials (Account 159) Stores Expense (Account 163) Total Per Balance Sheet  DEPRECIATION FUND ACCOUNT (Account 126)  Line No. (a)  DEBITS Balance of account at beginning of year Income during year from balance on deposit (interest) Amount transferred from income (depreciation) Additional amount transferred from operations  TOTAL  CREDITS Amount expended for construction purposes (Sec. 57, C.164 of G.L.) Amounts expended for renewals, viz:- Power Contract Settlement  Balance on hand at end of year  814,486				
Nuclear Fuel Assemblies and Components - In Reactor (Account 157) Nuclear Fuel Assemblies and Components - Stock Account (Account 158) Nuclear Byproduct Materials (Account 159) Stores Expense (Account 163) Total Per Balance Sheet  DEPRECIATION FUND ACCOUNT (Account 126)  Line No. (a)  DEBITS Balance of account at beginning of year Income during year from balance on deposit (interest) Amount transferred from income (depreciation) Additional amount transferred from operations  TOTAL  CREDITS Amount expended for construction purposes (Sec. 57,C.164 of G.L.) Amounts expended for renewals, viz:- Power Contract Settlement  Balance on hand at end of year  814,486		·	450 400	
Nuclear Fuel Assemblies and Components - Stock Account (Account 158) Nuclear Byproduct Materials (Account 159) Stores Expense (Account 163) Total Per Balance Sheet  DEPRECIATION FUND ACCOUNT (Account 126)  Line No. (a)  DEBITS  Balance of account at beginning of year Income during year from balance on deposit (interest) Amount transferred from income (depreciation) Additional amount transferred from operations  TOTAL  CREDITS  Amount expended for construction purposes (Sec. 57,C.164 of G.L.) Amounts expended for renewals,viz:- Power Contract Settlement  Balance on hand at end of year  814,486			158,463	
Nuclear Byproduct Materials (Account 159)   Stores Expense (Account 163)   Total Per Balance Sheet   158,463   0   DEPRECIATION FUND ACCOUNT (Account 126)   Line No.		·		
Stores Expense (Account 163)				
Total Per Balance Sheet   158,463   0		• • • • • • • • • • • • • • • • • • • •		
DEPRECIATION FUND ACCOUNT (Account 126)   Line   No.	22	Stores Expense (Account 163)		
Line No. (a)  24 DEBITS  25 Balance of account at beginning of year 26 Income during year from balance on deposit (interest) 27 Amount transferred from income (depreciation) 28 Additional amount transferred from operations  CREDITS 31 Amount expended for construction purposes (Sec. 57,C.164 of G.L.) 32 Amounts expended for renewals,viz:- 33 Power Contract Settlement 34 35 36 37 38 39 Balance on hand at end of year  Amount (b)  Amount (b)  Amount (b)  Amount (b)  Amount (c)  At (c)  Amount (c)			158,463	0
No.(a)(b)24DEBITS413,51125Balance of account at beginning of year413,51126Income during year from balance on deposit (interest)3,41527Amount transferred from income (depreciation)352,56028Additional amount transferred from operations45,00029TOTAL814,48630CREDITS31Amount expended for construction purposes (Sec. 57,C.164 of G.L.)032Amounts expended for renewals,viz:-33Power Contract Settlement343536373839Balance on hand at end of year814,486	DEF	PRECIATION FUND ACCOUNT (Account 126)		
DEBITS  Balance of account at beginning of year  Income during year from balance on deposit (interest)  Amount transferred from income (depreciation)  Additional amount transferred from operations  CREDITS  Amount expended for construction purposes (Sec. 57,C.164 of G.L.)  Amounts expended for renewals,viz:-  Power Contract Settlement  Balance on hand at end of year  413,511  413,511  352,560  45,000  814,486	Line			Amount
Balance of account at beginning of year Income during year from balance on deposit (interest) Amount transferred from income (depreciation) Additional amount transferred from operations  CREDITS Amount expended for construction purposes (Sec. 57,C.164 of G.L.) Amounts expended for renewals,viz:- Power Contract Settlement  Balance on hand at end of year  413,511 3,415 352,560 45,000  TOTAL  814,486	No.	(a)		(b)
Income during year from balance on deposit (interest)  Amount transferred from income (depreciation)  Additional amount transferred from operations  TOTAL  CREDITS  Amount expended for construction purposes (Sec. 57,C.164 of G.L.)  Amounts expended for renewals, viz:-  Power Contract Settlement  Balance on hand at end of year  3,415  352,560  45,000  814,486	24			. ,
Income during year from balance on deposit (interest)  Amount transferred from income (depreciation)  Additional amount transferred from operations  TOTAL  CREDITS  Amount expended for construction purposes (Sec. 57,C.164 of G.L.)  Amounts expended for renewals, viz:-  Power Contract Settlement  Balance on hand at end of year  3,415  352,560  45,000  814,486				413.511
Amount transferred from income (depreciation) Additional amount transferred from operations  TOTAL  CREDITS  Amount expended for construction purposes (Sec. 57,C.164 of G.L.)  Amounts expended for renewals, viz:- Power Contract Settlement  Balance on hand at end of year  352,560 45,000  814,486				· ·
Additional amount transferred from operations  TOTAL  TOTAL  814,486  CREDITS  Amount expended for construction purposes (Sec. 57,C.164 of G.L.)  Amounts expended for renewals,viz:- Power Contract Settlement  Power Contract Settlement  Balance on hand at end of year  814,486				· · · · · · · · · · · · · · · · · · ·
CREDITS Amount expended for construction purposes (Sec. 57,C.164 of G.L.) Amounts expended for renewals,viz:- Power Contract Settlement  34 35 36 37 38 39 Balance on hand at end of year  TOTAL 814,486		· · · · · · · · · · · · · · · · · · ·		
CREDITS Amount expended for construction purposes (Sec. 57,C.164 of G.L.) Amounts expended for renewals,viz:- Power Contract Settlement  34 35 36 37 38 Balance on hand at end of year  814,486		Additional amount transferred from operations	ΤΟΤΔΙ	
Amount expended for construction purposes (Sec. 57,C.164 of G.L.)  Amounts expended for renewals, viz:- Power Contract Settlement  34  35  36  37  38  39 Balance on hand at end of year  814,486		CREDITS	IOIAL	017,700
Amounts expended for renewals, viz:- Power Contract Settlement  34 35 36 37 38 39 Balance on hand at end of year  814,486			: ( )	^
Power Contract Settlement  34 35 36 37 38 39 Balance on hand at end of year  814,486		·	G.L.)	Ü
34 35 36 37 38 39 Balance on hand at end of year 814,486		•		
35 36 37 38 39 Balance on hand at end of year 814,486		Power Contract Settlement		
36 37 38 39 Balance on hand at end of year 814,486				
37 38 39 Balance on hand at end of year 814,486				
38 39 Balance on hand at end of year 814,486				
39 Balance on hand at end of year 814,486				
40 TOTAL 814,486		Balance on hand at end of year		
	40		TOTAL	<u>814</u> ,486

- 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

UTILITY PLANT - ELECTRIC

preceding year. Such items should be included in column (c).

3 . Credit adjustments of plant accounts should be enclosed in parentheses to indicate the negative

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

6	additions and retirements for the current or the	enciosed in parenti	ieses to maica	te the negative			
		Balance				Adjustments	Balance
Line	Account	Beginning of Year	Additions	Depreciation	Other Credits	Transfers	End of Year
No.	(a)	(b)	(c)	(d)	(e)	(f)	(g)
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)									
		Balance		_		Adjustments	Balance			
Line	Account	Beginning of Year	Additions	Depreciation	Other Credits	Transfers	End of Year			
No.	(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 Improvements									
13	342 Fuel Holders, Producers and Accessories									
14	343 Prime Movers									
15	344 Generators									
16	345 Accessory Electric Equipment									
17	346 Miscellaneous Power Plant Equipment									
18	Total Other Production Plant	0	0	0	0	0				
19	Total Production Plant	0	0	0	0	0	0			
20	3. Transmission Plant									
21	350 Land and Land Rights									
22	351 Clearing Land and Rights of Way									
23	352 Structures and Improvements									
24	353 Station Equipment									
25	354 Towers and Fixtures									
26	355 Poles and Fixtures									
27	356 Overhead Conductors and Devices									
28	357 Underground Conduit									
29	358 Underground Conductors and Devices									
30	359 Roads and Trails		•		•					
31	Total Transmission Plant	0	0	0	0	0	0			

		UTILITY PLANT	ELECTRIC (C	Continued)			
Line		Balance			Other	Adjustments	Balance
No.	Account	Beginning of Year	Additions	Depreciation	Credits	Transfers	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	97,655	-	4,655	-	-	93,000
5	363 Storage Battery Equipment	-	-	-	-	-	-
6	364 Poles Towers and Fixtures	1,315,903	282,728	67,798	-	290	1,531,123
7	365 Overhead Conductors and Devices	51,437	-	4,119	-	-	47,318
8	366 Underground Conduit	67,493	-	2,095	-	-	65,398
9	367 Underground Conductors and Devices	33,620	-	1,529	-	-	32,091
10	368 Line Transformers	439,482	-	9,221	-	-	430,261
11	369 Services	35,546	-	2,315	-	-	33,231
12	370 Meters	48,848	15,488	3,158	-	-	61,178
13	371 Installations on Customer's Premises	-	-	-	-	-	-
14	372 Leased Prop on Customer's Premises	1,070	12	150	-	-	932
15	373 Streetlight and Signal Systems	3,671	-	460	-	-	3,211
16	Total Distribution Plant	2,094,725	298,228	95,500	-	290	2,297,743
17	5. GENERAL PLANT						
18	389 Land and Land Rights	74,835	-	-	-	-	74,835
19	390 Structures and Improvements	276,100	5,777	8,795	-	-	273,082
20	391 Office Furniture and Equipment	22,699	4,782	9,257	-	-	18,224
21	392 Transportation Equipment	23,065	202,350	23,061	-	-	202,354
22	393 Stores Equipment	-	-	-	-	-	-
23	394 Tools, Shop and Garage Equipment	28,455	-	1,480	-	-	26,975
24	395 Laboratory Equipment	-	-	-	-	-	-
25	396 Power Operated Equipment	-	-	-	-	-	-
26	397 Communication Equipment	-	-	-	-	-	-
27	398 Miscellaneous Equipment	11,335	-	1,012	-	-	10,323
28	399 Other Tangible Property	6,925,365	_	213,458		-	6,711,907
29	Total General Plant	7,361,854	212,909	257,063	-	-	7,317,700
30	Total Electric Plant in Service	9,456,579	511,137	352,563	-	290	9,615,443
31	104 Utility Plant Leased to Others	-	-	-	-	-	-
32	105 Property Held for Future Use	-	-	-	-	-	-
33	107 Construction Work in Progress	290				(290)	-
34	Total Utility Plant Electric	9,456,869	511,137	352,563	-	-	9,615,443

### PRODUCTION FUEL AND OIL STOCKS (Included in Account 151)

(Except Nuclear Materials)

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

		<ol><li>Show gas and electric</li></ol>	tuels separately by s	specific use.		
				Kinds of Fuel and O	i	
		Total				
Line	Item	Cost	Quantity	Cost	Quantity	Cost
No.	(a)	(b)	(c)	(d)	(e)	(f)
1	On Hand Beginning of Year		· /		· /	( )
2	Received During Year					
3	TOTAL	0				
4	Used During Year (Note A)					
5						
6						
7						
8						
9						
10						
11	Sold or Transferred					
12	TOTAL DISPOSED OF	0				
13	BALANCE END OF YEAR	0				
				Kinds of Fuel and O	il - continued	
Line	Item		Quantity	Cost	Quantity	Cost
No.	(g)		(h)	(i)	(j)	(k)
14	On Hand Beginning of Year					
15	Received During Year					
16	TOTAL					
17	Used During Year (Note A)					
18						
19						
20						
21						
22						
23						
24	Sold or Transferred	_				
25	TOTAL DISPOSED OF					
26	BALANCE END OF YEAR					

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

	MISCELLANEOUS NONOPERATING INCOME (Account 421)		
Line	Item		Amount
No	(a)		(b)
1	Finance Charges		4,871
	Timanos chargos		1,011
2 3			
4			
5			
6	T	OTAL	4,871
	OTHER INCOME DEDUCTIONS (Account 426)		
Line	Item		Amount
No.			(b)
	(a)		(b)
7			
8			
9			
10			
11			
12			
13			
	Tr		0
14		OTAL	0
	MISCELLANEOUS CREDITS TO SURPLUS (Account 434)		
Line	Item		Amount
No.	(a)		(b)
15			\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
16			
17			
18			
19			
20			
21			
22			
23		OTAL	0
	MISCELLANEOUS DEBITS TO SURPLUS (Account 435)	<b>U</b> 17 (L	
1	<u> </u>	1	A 1
Line	Item		Amount
No.	(a)		(b)
24			
25			
26			
27			
28			
29			
30			
31			
32	T(	OTAL	0
	APPROPRIATIONS OF SURPLUS (Account 436)		
Line	Item		Amount
No.	(a)		(b)
	Services Rendered in Lieu of Taxes		7,084
	DELAIDES LICHINGLEN III FIEN OL LAYES		1,00 <del>4</del>
34			
35			
36			
37			
38			
39			
		OTA: ├	7.004
40		OTAL	7,084

#### **MUNICIPAL REVENUES (Account 482,444)**

(K.W.H. Sold under the provision of Chapter 269, Acts of 1927)

Line	Acct.	Gas Schedule		Cubic Feet	Revenue Received	Average Revenue Per MCF (cents)
No.	No.	(a)		(b)	(c)	(0.0000) (d)
1						
2						
4			TOTALS			
					Revenue	Average Revenue
		Electric Schedule		K.W.H.	Received	Per KWH (cents)
		(a)		(b)	(c)	(0.0000)
						(d)
	444-2	Municipal: (Other Than Street Lighting)		535,285	136,817	0.2556
6 7						
7						
8 9						
9						
10						
11			TOTALO	F25 205	100.017	0.0550
12		Otro et l'elette e	TOTALS	535,285	136,817	0.2556
	444-1	Street Lighting		46,647	9,644	0.2067
14 15						
15 16						
17						
18			TOTALS	46,647	9,644	0.2067
19			TOTALS	581,932	146,461	0.2517
			· · · · · ·	551,002	110,101	0.2017

#### **PURCHASED POWER (Account 555)**

Line No.	Names of Utilities from Which Electric Energy is Purchased (a)	Where and at What Voltage Received (b)	K.W.H (c)	Amount (d)	Cost per KWH (cents) (0.0000) (e)
20					
21					
22					
23					
24					
25					
26					
27					
28					
29		TOTALS	0	0	0.0000

#### **SALES FOR RESALE (Account 447)**

Line No.	Names of Utilities to Which Electric Energy is sold (a)	Where and at What Voltage Delivered (b)	K.W.H (c)	Amount (d)	Revenue per KWH (cents) (0.0000) (e)
30					
31					
32					
33					
34					
35					
36					
37					
38					
39		TOTALS	0	0	0.0000

- 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.
- If increases and decreases are not derived from previously reported figures, explain any inconsistencies.
- Number of customers should be reported on the basis of meters, plus number of late rate accounts except where separate

**ELECTRIC OPERATING REVENUES (Account 400)** 

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.

 Classification on Commercial and Industrial Sales, Account 442, Large (or Industrial) may be according to the basis of classification regularly used by the respondent if such basis of classification is not greater than 1000 KW. See Account 442 of the Uniform System

of A	Accounts.	Explain	basis	of	Classification	

meters,	olus number of late rate accounts except where separate	of such duplicate customers inci	uded in the classifica		of Accounts. Explain basis of Cla			
		Operating Revenues		Kilowatt-hours Sold		Average Number of		
						Customers per Month		
			Increase or		Increase or		Increase or	
		Amount for	(Decrease) from	Amount for	(Decrease) from	Number for	(Decrease) from	
Line	Account	Year	Preceding Year	Year	Preceding Year	Year	Preceding Year	
No.	(a)	(b)	(c)	(d)	(e)	(f)	(g)	
1	SALES OF ELECTRICITY							
2	440 Residential Sales	2,957,429	44,207	11,665,870	(346,646)	1,359	2	
3	442 Commercial and Industrial Sales						0	
4	Small Commercial B Sales	435,796	17,558	1,691,216	42,904	74	5	
5	Large Commercial C Sales	0	0	0	0	0	0	
6	444 Municipal Sales	146,461	5,623	581,932	(522)	20	1	
7	445 Other Sales to Public Authorities	0	0	0	0	0	0	
8	446 Sales to Railroads and Railways	0	0	0	0	0	0	
9	448 Interdepartmental Sales	0	0	0	0	0	0	
10	449 Miscellaneous Sales	0	0	0	0	0	0	
11	<b>Total Sales to Ultimate Consumers</b>	3,539,686	67,388	13,939,018	(304,264)	1,453	8	
12	447 Sales for Resale	170,819	(136,317)	3,900,134	(1,923,337)	0	0	
13	Total Sales of Electricity*	3,710,505	(68,929)	17,839,152	(2,227,601)	1,453	8	
14	OTHER OPERATING REVENUES							
15	450 Forfeited Discounts	0	0					
16	451 Miscellaneous Service Revenues	0	0		* Includes revenues from			
17	453 Sales of Water and Water Power	0	0		application of fuel clauses \$		0	
18	454 Rent from Electric Property	62,227	43,222					
19	455 Interdepartmental Rents	0	0					
20	456 Other Electric Revenues	0	0		Total KWH to which applied			
21								
22								
23								
24								
25	Total Other Operating Revenues	62,227	43,222					
26	Total Electric Operating Revenue	3,772,732	(25,707)					

#### SALES OF ELECTRICITY TO ULTIMATE CONSUMERS

Report by account number the K.W.H. sold, the amount derived and the number of customers under each filed schedule

or contract. Municipal sales, contract sales and unbilled sales may be reported separately in total.

Line No.	Account No.	Schedule (a)	K.W.H. Revenu		Average Revenue per KWH (cents)	Number of C (per Bills re July 31	endered) Dec 31
			44.007.000	0.040.500	(0.0000) (d)	(e)	(f)
1 2 3		Residential Commercial	11,667,828 1,691,655	2,940,526 433,344	0.2520 0.2562	1,358 75	1,359 74
4		Industrial Municipal Building	0 535,285	0 136,817	0.0000 0.2556	0 19	0 20
5 6		Municipal Street Lighting Residential Solar	46,647 (1,958)	9,644 16,903	0.2067 (8.6328)	0 12	0 12
6 7 8		Commercial Solar	(439)	2,452	(5.5854)	2	2
8 9 10							
11 12							
13 14							
15 16							
17 18							
19 20							
		LES TO ULTIMATE ERS (page 37 Line 11)	13,939,018	3,539,686	0.2539	1,466	1,467

**Total Operation** 

#### **ELECTRIC OPERATION AND MAINTENANCE EXPENSES**

1. Enter in the space proved the operation and maintenance expenses for the year 2. If the increases and decreases are not derived from previously reported figures, explain in footnote Increase or Amount for Year (Decrease) from Account Line (a) (b) Preceding Year No. (c) POWER PRODUCTION EXPENSES **STEAM POWER GENERATION** Operation: 500 Operation supervision and engineering 501 Fuel 502 Steam Expenses 503 Steam from other sources 504 Steam transferred -- Cr. 505 Electric expenses 506 Miscellaneous steam power expenses 507 Rents **Total Operation** Maintenance: 510 Maintenance supervision and engineering 511 Maintenance of Structures 512 Maintenance of boiler plant 513 Maintenance of electric plant 514 Maintenance of miscellaneous steam plant **Total Maintenance** Total power production expenses -steam power **NUCLEAR POWER GENERATION** Operation: 517 Operation supervision and engineering 518 Fuel 519 Coolants and water 520 Steam Expenses 521 Steam from other sources 522 Steam transferred -- Cr. 523 Electric expenses 524 Miscellaneous nuclear power expenses 525 Rents **Total Operation** Maintenance: 528 Maintenance supervision and engineering 529 Maintenance of Structures 530 Maintenance of reactor plant 531 Maintenance of electric plant 532 Maintenance of miscellaneous nuclear plant **Total Maintenance** Total power production expenses -nuclear power **HYDRAULIC POWER GENERATION** Operation: 535 Operation supervision and engineering 536 Water for power 537 Hydraulic expenses 538 Electric expenses 539 Miscellaneous hydraulic power generation expenses 540 Rents 

Allilua	•	ded December 31, 2016	Page 40
	ELECTRIC OPERATION AND MAINTENANCE EXPENSES - C	ontinued	
			Increase or
Line	Account	Amount for Year	(Decrease) from
No.			Preceding Year
INO.	(a)	(b)	•
	LIVERALILIA ROMER CEMERATION A. C.		(c)
1	HYDRAULIC POWER GENERATION - Continued		
2	Maintenance:		
3	541 Maintenance Supervision and engineering	0	0
4	542 Maintenance of structures	0	0
5	543 Maintenance or reservoirs, dams and waterways	0	0
6	544 Maintenance of electric plant	0	0
7	545 Maintenance of miscellaneous hydraulic plant	0	0
8	Total maintenance	0	0
9		0	0
	Total power production expenses - hydraulic power	0	U
10	OTHER POWER GENERATION		
11	Operation:		
12	546 Operation supervision and engineering	0	0
13	547 Fuel	0	0
14	548 Generation Expenses	(23,477)	(165,522)
15	549 Miscellaneous other power generation expense	0	0
16	550 Rents	0	0
17	Total Operation	(23,477)	(165,522)
18	Maintenance:	(20,411)	(100,022)
1			0
19	551 Maintenance supervision and engineering	0	0
20	552 Maintenance of Structures	0	0
21	553 Maintenance of generating and electric plant	0	0
22	554 Maintenance of miscellaneous other power generation plant	0	0
23	Total Maintenance	0	0
24	Total power production expenses - other power	(23,477)	(165,522)
25	OTHER POWER SUPPLY EXPENSES		
26	555 Purchased power	1,188,231	(125,552)
27	556 System control and load dispatching	0	0
28	557 Other expenses	291,546	19,880
29	Total other power supply expenses	1,479,777	(105,672)
30	Total power production expenses	1,456,300	(105,672)
	TRANSMISSION EXPENSES	1,450,500	(105,672)
31			
32	Operation:	_	_
33	560 Operation supervision and engineering	0	0
34	561 Load dispatching	0	0
35	562 Station expenses	0	0
36	563 Overhead line expenses	0	0
37	564 Underground line expenses	0	0
38	565 Transmission of electricity by others	111,666	(28,019)
39	566 Miscellaneous transmission expenses	0	0
40	567 Rents		n
41	Total Operation	111,666	(28,019)
1 1		111,000	(20,019)
42	Maintenance:	_	_
43	568 Maintenance supervision and engineering	0	0
44	569 Maintenance of structures	0	0
45	570 Maintenance of station equipment	0	0
46	571 Maintenance of overhead lines	0	0
47	572 Maintenance of underground lines	0	0
48	573 Maintenance of miscellaneous transmission plant	0	0
49	Total maintenance	0	0
50	Total transmission expenses	111,666	(28,019)
JU	ו טנמו נו מוופוווופפוטוו באףכוופכפ	111,000	(20,019)

7 1111144	ELECTRIC OPERATION AND MAINTENANCE EXPENSES - C	ed December 31, 2016	Page 41
	TELOTIMO OF ENGLISH AND MAINTENANCE EXITEMES - OF		Increase or
Line	Account	Amount for Year	(Decrease) from
1			
No.	(a)	(b)	Preceding Year
	DICTRIBUTION EXPENSES		(c)
1	DISTRIBUTION EXPENSES		
2	Operation:		
3	580 Operation supervision and engineering	0	0
4	581 Load dispatching (Operation Labor)	56,480	7,871
5	582 Station expenses	43,015	(14,231)
6	583 Overhead line expenses	47,583	(138,956)
7	584 Underground line expenses	0	0
8	585 Street lighting and signal system expenses	0	0
9	586 Meter expenses	0	0
10	587 Customer installations expenses	0	0
11	588 Miscellaneous distribution expenses	0	(21,700)
12	589 Rents	0	0
13	Total operation	147,078	(167,016)
14	Maintenance:	147,070	(107,010)
15	590 Maintenance supervision and engineering	737	(837)
16	591 Maintenance of structures	0	0
17	592 Maintenance of station equipment	0	0
18	593 Maintenance of overhead lines	0	0
19	594 Maintenance of underground lines	0	0
20	595 Maintenance of line transformers	165,270	142,589
21	596 Maintenance of street lighting and signal systems	3,387	756
22	597 Maintenance of meters	1,489	507
23	598 Maintenance of miscellaneous distribution plant	1,165	1,165
24	Total maintenance	172,048	144,180
25	Total distribution expenses	319,126	(22,836)
26	CUSTOMER ACCOUNTS EXPENSES		
27	Operation:		
28	901 Supervision	0	0
29	902 Meter reading expenses	12,257	(8,254)
30	903 Customer records and collection expenses	78,802	5,995
31	904 Uncollectible accounts	301	(2,690)
32	905 Miscellaneous customer accounts expenses	0	(2,030)
33	Total customer accounts expenses	91,360	
	· · · · · · · · · · · · · · · · · · ·	91,300	(4,949)
34	SALES EXPENSES		
35	Operation:		
36	911 Supervision	0	0
37	912 Demonstrating and selling expenses	0	0
38	913 Advertising expenses	0	0
39	916 Miscellaneous sales expenses	2,897	(1,904)
40	Total sales expenses	2,897	(1,904)
41	ADMINISTRATIVE AND GENERAL EXPENSES		
42	Operation:		
43	920 Administrative and general salaries	231,662	10,065
44	921 Office supplies and expenses	34,000	6,833
45	922 Administrative expenses transferred - Cr	0	0
46	923 Outside services employed	57,637	(4,144)
47	924 Property insurance	35,568	1,277
48	925 Injuries and damages	30,947	(2,947)
49	926 Employee pensions and benefits	292,307	(1,366)
50	928 Regulatory commission expenses	292,307	
51	· · · · · · · · · · · · · · · · · · ·		0
	929 Store Expense	1 903	0
52	930 Miscellaneous general expenses	1,893	230
53	931 Rents	0	0
54	Total operation	684,014	9,948

	ELECTRIC OPERATION AND MAINTENANCE EXPENSES - Continued								
		Amount	Increase or						
Line	Account	for Year	(Decrease) from						
No.	No. (a)		Preceding Year						
			(c)						
1	ADMINISTRATIVE AND GENERAL EXPENSES - Cont								
2	Maintenance:								
3	932 Maintenance of general plant	39,705	(5,191)						
4	933 Transportation	53,252	4,289						
5	Total administrative and general expenses	776,971	9,046						
	Total Electric Operation and Maintenance Expenses	2,758,320	(154,334)						

#### **SUMMARY OF ELECTRIC OPERATION AND MAINTENANCE EXPENSES**

Line	Functional Classification	Operation	Maintenance	Total
No.	(a)	(b)	(c)	(d)
6	Power Production Expenses			
7	Electric Generation:			
8	Steam Power:			
9	Nuclear Power			
10	Hydraulic Power			
11	Other Power	(23,477)		
12	Other Power Supply Expenses	1,479,777	0	1,479,777
13	Total power production expenses	1,456,300		1,456,300
14	Transmission Expenses	111,666		111,666
15	Distribution Expenses	147,078	172,048	319,126
16	Customer Accounts Expenses	91,360		91,360
17	Sales Expenses	2,897		2,897
18	Administrative and General Expenses	684,014	92,957	776,971
19	Total Electric Operation and			
20	Maintenance Expenses	2,493,315	265,005	2,758,320

21 Ratio of operating expenses to operating revenues (carry out decimal two places, (e.g., 0.00%)

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

82.46%

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

\$548,260

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

7

- This schedule is intended to give the account distribution of total taxes charged to operations and other final accounts during the year.
- 2. Do not include gasoline and other sales taxes which have been charged to accounts to which the material on which the tax was levied which the tax was levied was charged. If the actual or estimated amounts of such taxes are known, they should be shown as a footnote and designated whether estimated or actual amounts.

#### TAXES CHARGED DURING THE YEAR

- The aggregate of each kind of tax should be listed under the appropriate heading of "Federal", "State" and "Local" in such manner that the total tax for each State and for all subdivisions can be readily ascertained.
- 4. The accounts to which the taxes charged were distributed should be shown in columns (c) to (h). Show both the utility department and number of account charged. For taxes charged to utility plant show the number of the appropriate balance sheet plant account or subaccount.
- For any tax which it was necessary to apportion more than one utility department account, state in a footnote the basis of apportioning such tax.
- Do not include in this schedule entries with respect to deferred income taxes, or taxes collected through payroll deductions or otherwise pending transmittal of such taxes to the taxing authority.

designated whether estimated or actual amounts			the appropriate balance sheet plant account or subaccount.				of such taxes to the taxing authority.		
		Total Taxes							
		Charged							
Line	Kind of Tax	During Year	Electric	Gas					
No.	(a)	(omit cents)	Acct 408,409	Acct 408,409					
INO.	(a)				(0)	<b>(f</b> )	(a)	(b)	(;)
		(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)
1									
2	NONE								
3									
4									
5									
6									
5 6 7									
8									
8 9									
10									
11									
12									
13									
14									
15									
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22									
23									
24									
25									
25									
26									
27									
28	TOTALS								
		ı	ı			ı			

OTHER UTILITY OPERATING INCOME (Account 414)								
	Report below the particulars called for in each column							
Line	Property	Amount of Investment	Amount of Department	Amount of Operating Expenses	Gain or (Loss) from Operation			
No.	(a)	(b)	(c)	(d)	(e)			
1								
2	NONE							
3	NONE							
4								
5								
6								
'								
4 5 6 7 8 9								
10								
11								
12								
13								
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19 20								
21								
22								
23								
24								
25								
26								
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28								
29								
30								
31 32								
33								
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36								
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38								
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40 41								
41								
43								
44								
45								
46								
47								
48								
49								
50								
51	TOTALS							

# INCOME FROM MERCHANDISE, JOBBING, AND CONTRACT WORK (Account 415) Report by utility departments the revenue, costs, expenses, and net income from merchandising, jobbin and contract work during the year.

Electric Gas Other Utility		and contract work during the year	осого, схреносо,	and net moonie	nom moronana	ionig, jobbii
Line			Electric	Gas	Other Utility	
No.   (a)   (b)   (c)   (d)   (e)	Line	Item		Department		Total
Revenues:   Merchandise sales, less discounts allowances and returns	No.	(a)				(e)
3 allowances and returns   34,065   34,065   Commissions   Other (list according to major classes   7 Shared Pole Cos			` ′	` '		` '
3 allowances and returns   34,065   34,065   Commissions   Other (list according to major classes   7 Shared Pole Cos	2	Merchandise sales, less discounts				
Contract work   34,065   34,065     34,065	3	allowances and returns				
Commissions   Other (list according to major classes)			34,065			34,065
Total Revenues 34,065 0 0 34,065  Total Revenues 34,065 0 0 34,065  Costs and Expenses Cost of sales (list according to majo classes of cost) Jobbing/Contract Costs Materials Cotside Service Labo Sales Expenses Cost Sales Expenses Cost Sales Expenses Coustomer accounts expenses Administrative and general expense Sales Expenses Sales Expenses Coustomer accounts expenses Coust	5	Commissions				
Total Revenues 34,065 0 0 34,065  Total Revenues 34,065 0 0 34,065  Costs and Expenses Costs and Expenses Costs (list according to majo classes of cost)  Jobbing/Contract Costs Materials Customer accounts expenses Customer accounts expenses Administrative and general expense Search	6	Other (list according to major classes				
9	7	Shared Pole Cos				
Total Revenues 34,065 0 0 34,065  Total Revenues 34,065 0 0 0 0 0 0 0 0 0 0						
11   12   13   Costs and Expenses   Cost of sales (list according to majo classes of cost)   15   Jobbing/Contract Costs   17   Materials   Outside Service Laboi   19   20   21   22   23   24   25   Sales Expenses   27   Customer accounts expenses   28   Administrative and general expense   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 0 0 0 0	9					
12 13 Costs and Expenses 14 Cost of sales (list according to majo classes of cost) 15 Jobbing/Contract Costs 17 Materials 18 Outside Service Laboi 19 20 21 22 23 24 25 26 Sales Expenses 27 Customer accounts expenses 28 Administrative and general expense 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 0 0	10	Total Revenues	34,065	0	0	34,065
13 Costs and Expenses 14 Cost of sales (list according to majo classes of cost) 15 classes of cost) 16 Jobbing/Contract Costs 17 Materials 18 Outside Service Laboi 19 20 21 22 23 24 25 Sales Expenses 27 Customer accounts expenses 28 Administrative and general expense 29 30 31 32 33 34 35 55 36 37 38 39 40 41 41 42 43 44 45 46 47 48 49 9 TOTAL COSTS AND EXPENSES 0 0 0 0 0 0						
14						
15	13					
16   Jobbing/Contract Costs   17   Materials	14					
Materials	15	classes of cost)				
Materials	16	Jobbing/Contract Costs				
19 20 21 22 23 24 25 26 Sales Expenses 27 Customer accounts 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 0 0 0						
20	18	Outside Service Labo				
21 22 23 24 25 Sales Expenses 27 Customer accounts expenses Administrative and general expense 29 30 31 32 33 34 45 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 TOTAL COSTS AND EXPENSES 0 0 0 0 0 0	19					
22						
23 24 25 26 Sales Expenses 27 Customer accounts expenses 28 Administrative and general expense 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 0 0	21					
24 25 26 Sales Expenses 27 Customer accounts expenses 28 Administrative and general expense 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 0 0	22					
25						
26 Sales Expenses 27 Customer accounts expenses 28 Administrative and general expense 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 0 0	24					
27 Customer accounts expenses 28 Administrative and general expense 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 0	25					
28 Administrative and general expense 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 0	26	Sales 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 0						
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 0						
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   0						
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 0						
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 0						
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						
35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 TOTAL COSTS AND EXPENSES 0 0 0 0						
36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 TOTAL COSTS AND EXPENSES 0 0 0 0						
37 38 39 40 41 42 43 44 45 46 47 48 49 50 TOTAL COSTS AND EXPENSES  0 0 0 0						
38 39 40 41 42 43 44 45 46 47 48 49 50 TOTAL COSTS AND EXPENSES  0 0 0 0						
39 40 41 42 43 44 45 46 47 48 49 50 TOTAL COSTS AND EXPENSES  0 0 0 0						
40 41 42 43 44 45 46 47 48 49 50 TOTAL COSTS AND EXPENSES 0 0 0 0						
41 42 43 44 45 46 47 48 49 50 TOTAL COSTS AND EXPENSES 0 0 0 0						
42 43 44 45 46 47 48 49 50 TOTAL COSTS AND EXPENSES 0 0 0 0						
43 44 45 46 47 48 49 50 TOTAL COSTS AND EXPENSES 0 0 0 0						
44 45 46 47 48 49 50 TOTAL COSTS AND EXPENSES 0 0 0 0						
45 46 47 48 49 50 TOTAL COSTS AND EXPENSES 0 0 0 0						
46 47 48 49 50 TOTAL COSTS AND EXPENSES 0 0 0 0						
47 48 49 50 TOTAL COSTS AND EXPENSES 0 0 0 0						
48 49 50 TOTAL COSTS AND EXPENSES 0 0 0 0						
49         50       TOTAL COSTS AND EXPENSES       0       0       0       0						
50 TOTAL COSTS AND EXPENSES 0 0 0 0						
			0	n	n	n

#### SALES FOR RESALE (Account 447)

- 1. Report sales during year to other electric utilities and to cities or other public authorities for distribution to ultimate consumers.
- ated Utilities, (2) Nonassociated Utilities, (3) Municipalities as Other Power, column (b). (4) R.E.A. Cooperatives, and (5) Other Public Authorities. For each sale designate statistical classification in column (t in column (e), thus: respondent owned or leased, RS; thus: firm power, FP; dump or surplus power, DP; other, G, customer owned or leased, CS.
- 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 2. Provide subheadings and classify sales as to (1) Associ- the same utility. Describe the nature of any sales classified
  - 4. If delivery is made at a substation indicate ownership

			Export			Kv	w or Kva of	f Demand
			Across				Avg mo.	Annual
		Statistical	State	Point of	Sub	Contract	Maximum	Maximum
Line	Sales to MMWEC:	Classification	Line	Delivery	Station	Demand	Demand	Demand
No.	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)
	Wind Energy West Boyls	ton						
	Wind Energy Sterling							
	Wind (Open Market)							
4								
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								
15 16								
17								
18								
19								
20								
21								
22								
23								
24								
25								
26								
27								
28								
29								
30								
31								

#### SALES FOR RESALE (Account 447) - Continued

- 5. If a fixed number of kilowatts of maximum demand is specified in the power contract as a basis of billings to the customer this number should be shown in column (f). The number of kilowatts of maximum demand to be shown in column (g) and (h) should be actual based on monthly readings and should be furnished whether or not used in the determination of demand charges. Show in column (i) type of demand reading (instantaneous, 15, 30, or 60 minutes
- integrated).
- 6. The number of kilowatt-hours sold should be the quantities shown by the bills rendered to the purchasers.
- 7. Explain any amounts entered in column (n) such as fuel or other adjustments.
- 8. If a contract covers several points of delivery and small amounts of electric energy are delivered at each point, such sales may be grouped.

		Revenue (Omit Cents)						
Type of	Voltage							
Demand	at Which	Kilowatt-	Capacity	Energy	Other		(CENTS)	
Reading	Delivered	Hours	Charges	Charges	Charges	Total	(0.0000)	Line
(i)	(j)	(k)	(1)	(m)	(n)	(o)	(p)	No.
		649,973	50,129	-	-	50,129	\$ 0.0771	1
		324,994	24,939	-	-	24,939	\$ 0.0767	2
		2,925,167	95,751	-	-	95,751	\$ 0.0327	3
								4
								2 3 4 5 6 7 8
								6
								7
								8
								10
								11
								12
								13
								14
								15
								16
								17
								18
								19
								20
								21
								22 23
								23
								25
								25 26
								26
								28
								28
								30
	TOTALS:	3,900,134	170,819		-	170,819	0.1865	31
	TOTALS.	3,700,134	170,019		_	170,019	0.1003	31

# PURCHASED POWER (Account 555) (EXCEPT INTERCHANGE POWER)

- 1. Report power purchased for resale during the year. Exclude from this schedule and report on page 56 particulars concerning interchange power transactions during the year.
- 2. Provide subheadings and classify purchases as to (1) Associated Utilities, (2) Nonassociated Utilities, (3) Associated Nonutilites, (4) Other Nonutilities, (5) Municipalities, (6) R.E.A Cooperatives, and (7) Other Public
- Authorities. For each purchase designate statistical classification in column (b), thus: firm power, FP; dump or surplus power, DP; other, O, and place an "x" in column (c) if purchase involves import across a state line.
- 3. Report separately firm, dump, and other power purchased from the same company. Describe the nature of any purchases classified as Other Power, column (b).

						Kw	or Kva of	Demand
			Across				Avg mo.	Annual
	Purchased	Statistical	State		Sub	Contract	Maximum	Maximum
Line	From MMWEC:	Classificatio	Line	Point of Receipt	Station	Demand	Demand	Demand
No.	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)
	Nextera			Princeton				
2	System Power	DP		Princeton				
	New York Power Authority	FP	X	Princeton		219		
4	ISO OATT			Princeton				
5	Purchased Power Transmission Costs							
6	Other Purchased Power Costs							
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18	** Includes transmission and adn	ninistrative	charges.					
19			-					

#### Annual Report of:

#### PURCHASED POWER (Account 555) (EXCEPT INTERCHANGE POWER)

- 4. If receipt of power is at a substation indicate ownership in column (e), thus: respondent owned or leased, RS; seller owned or leased, SS.
- 5. If a fixed number of kilowatts of maximum demand is specified in the power contract as a basis of billing, this number should be shown in column (f). The number of kilowatts of maximum demand to be shown in columns (g) and (h) should be actual based on monthly readings and
- should be furnished whether or not used in the determination of demand charges. Show in column (i) type of demand reading (instantaneous, 15, 30, or 60 minutes integrated).
- 6. The number of kilowatt hours purchased should be the quantities shown by the power bills.
- 7. Explain any amount entered in column (n) such as fuel or other adjustments.

and (ii) should be		<u></u>	Cost of Energy (Omit Cents)					
Type of	Voltage				,		KWH	
Demand	at Which	Kilowatt-	Capacity	Energy	Other		(CENTS)	
Reading	Delivered	Hours	Charges	Charges	Charges	Total	(0.0000)	Line
(i)	(j)	(k)	(1)	(m)	(n) **	(0)	(p)	No.
60 MINUTES		14,349,630	0	1,128,195	0	1,128,195	\$0.0786	1
60 MINUTES		0	0	5,104	0	5,104	N/A	2
60 MINUTES		1,488,074	10,673	7,321	17,387	35,381	\$0.0238	3
60 MINUTES		0	0	0	291,008	291,008	N/A	4
		0	0	0	111,666	111,666	N/A	5
		0	0	0	20,089	20,089	N/A	6
							N/A	7
							N/A	8
							N/A	9
							N/A	10
							N/A	11
								12
								13
								14
								15
								16
								17
								18
	TOTALS:	15,837,704	10,673	1,140,620	440,150	1,591,443		19

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,

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

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.

Interchange Voltage at Kilowatt-hours Across Which State Inter-Amount of Line Name of Company Lines Point of Interchange Received Delivered Net Difference Settlement changed No. (b) (c) (d) (f) (g) (h) (a) (e)

B. Details of Settlement for Interchange Power

**TOTALS** 

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

ELECTRIC ENERGY ACCOUNT										
Report below the information called for concerning the disposition of electric energy generated, purchased and interchanged for the year.										
Line.	Item			Kilowatt-hours						
No.	(a)			(b)						
1	SOURCES OF ENERGY									
2	Generation									
3	Steam									
4	Nuclear									
5	Hydro									
6	Other			3,900,134						
7	Total Generation			3,900,134						
8	Purchases			15,837,704						
9		(In (gross)	0							
10	Interchanges	< Out (gross)	0							
11		( Net (Kwh)		0						
12		( Received	0							
13	Transmission for/by others (wheeling)	< Delivered	0							
14		( Net (Kwh)		0						
15	TOTAL			19,737,838						
16	DISPOSITION OF ENERGY									
17	Sales to ultimate consumers (including interdepartme	13,939,018								
18	Sales for resale	3,900,134								
19	Energy furnished without charge									
20	Energy used by the company (excluding station use):									
21	Electric department only	38,831								
22	Energy losses									
23	Transmission and conversion losses		772,830							
24	Distribution losses	5.51%	1,087,025							
25	Unaccounted for losses									
26	Total energy losses			1,859,855						
27	Energy losses as percent of total on lir	9.42%								
28			TOTAL	19,737,838						
MONTHLY PEAKS AND OUTPUT										

#### MONTHLY PEAKS AND OUTPUT

- Report hereunder the information called for pertaining to simultaneous peaks established monthly (in kilowatts) and monthly output (in kilowatt-hours) for the combined sources of electric energy of respondent.
- Monthly peak col. (b) should be respondent's maximum kw load as measured by the sum of its coincidental net generation and purchase plus or minus net interchange, minus temporary deliveries (not interchange) of emergency power to another system. Monthly peak including such emergency deliveries should be shown in a footnote with a brief explanation
- as to the nature of the emergency.
- State type of monthly peak reading (instantaneous 15, 30, or 60 minutes integrated.)
   Monthly output should be the sum of respondent's net generation and purchases plus or
- 4. Monthly output should be the sum of respondent's net generation and purchases plus o minus net interchange and plus or minus net transmission or wheeling. Total for the year should agree with line 15 above.
- 5. If the respondent has two or more power systems not physically connected, the information called for below should be furnished for each system.

#### **Town of Princeton**

			Monthly Output				
			Day of	Day of		Type of	(kwh)
Line	Month	Kilowatts	Week	Month	Hour	Reading	(See Instr. 4)
No.	(a)	(b)	(c)	(d)	(e)	(f)	(g)
29	January	3,209	Monday	01/04/2016	7:00 PM	60 min	1,949,418
30	February	3,339	Sunday	02/14/2016	7:00 PM	60 min	1,617,059
31	March	2,809	Thursday	03/03/2016	7:00 PM	60 min	1,426,369
32	April	2,615	Sunday	04/03/2016	8:00 PM	60 min	1,302,600
33	May	2,676	Saturday	05/28/2016	9:00 PM	60 min	1,470,721
34	June	2,715	Sunday	06/26/2016	7:00 PM	60 min	1,544,567
35	July	3,232	Monday	07/25/2016	8:00 PM	60 min	1,687,739
36	August	3,522	Sunday	08/14/2016	8:00 PM	60 min	1,642,448
37	September	2,776	Friday	09/09/2016	6:00 PM	60 min	1,485,108
38	October	2,579	Thursday	10/27/2016	7:00 PM	60 min	1,623,435
39	November	3,023	Thursday	11/24/2016	12:00 PM	60 min	1,808,833
40	December	3,340	Saturday	12/17/2016	6:00 PM	60 min	2,179,541
41		35,835			·	TOTAL	19,737,838

GENERATING STATIONS					Pages 58 through 66		
GENERATING STATION STATISTICS (Large Stations) (Except Nuclear)							
Line	Item	Plant	Plant	Plant	Plant		
No.	(a)	(b)	(c)	(d)	(e)		
2 3 4 5	NONE						
6							
	STEA	M GENERATING STAT	ONS		Pages 60-61		
Line	Item	Plant	Plant	Plant	Plant		
No.	(a)	(b)	(c)	(d)	(e)		
1 2 3 4 5 6	NONE						
HYDROELECTRIC GENERATING STATIONS							
Line	Item	Plant	Plant	Plant	Plant		
No.	(a)	(b)	(c)	(d)	(e)		
1 2 3 4 5 6	NONE						
	COMBUSTION ENG	INE AND OTHER GENE	RATING STATION	ıs	Pages 64-65		
Line	Item	Plant	Plant	Plant	Plant		
No.	(a)	(b)	(c)	(d)	(e)		
1 2 3 4 5 6	NONE						
GENERATING STATION STATISTICS (Small Stations)							
Line	Item	Plant	Plant	Plant	Plant		
No.	(a)	(b)	(c)	(d)	(e)		
1 2 3 4 5 6	NONE						

# TRANSMISSION LINE STATISTICS

Report information concerning transmission line as indicated below

				Type of	Length (F	Pole Miles)	Number	Size of
	Desig	nation	Operating	Supportive	On Structures of	On Structures of	of	Conductors
Line	From	То	Voltage	Structure	Line Designated	Another Line	Circuits	and Material
No.	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)
1		` ´	` ′	. ,	. ,		(0)	` '
2					NONE	NONE		
2 3								
4								
5								
6								
6 7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
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37								
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39								
40								
41								
42								
43								
44								
45								
46								
47			•	TOTALS	0		0	
	* where oth	er than 60 o	cycle, 3 phas	se, so indicate	•			•
			, , , <sub> </sub> ,					

- Report below the information called for concerning substations of the respondent as of the end of the year.
- Substations which serve but one industrial or street railway customer should not be listed hereunder.
- Substations with capacities of less that 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.
- Indicate in column (b) the functional character of each substation, designating whether transmission or distribution and whether attended or unattended.
- 5. Show in columns (i), (j), and (k) special equipment such as rotary converters, rectifiers, condensers, etc. and auxiliary equipment for increasing capacity.
- 6. Designate substations or major items of equipment leased from others, jointly owned with others, or operated otherwise than by reason of sole ownership by the respondent. For any substation or equipment operated under lease, give

name of lessor, date and period of lease and annual rent. For any substation or equipment operated other than by reason of sole ownership or lease, give name of co-owner or other party, explain basis of sharing expenses of other accounting between the parties, and state amounts and accounts affected in respondent's books of account. Specify in each case whether lessor, co-owner or other party is an associated company.

**SUBSTATIONS** 

						<u> </u>	, ,	. ,		•	
									Conver	sion Appar	atus and
		Character		Volta	age	Capacity of	Number of	Number of		cial Equipr	
	Name and Location	of				Substation in kva	Transformers	Spare	Type of	Number	Total
Line	of Substation	Substation	Primary	Secondary	Tertiary	(In Service)	In Service	Transformers	Equipment	of Units	Capacity
No.	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)
1											
2		Mountain Road	13.8	13.8		750 kva	0	0	regulators	3	750
3		Mirick Road	13.8	4.8		1500 kva	0	0	transformer	1	1,500
4		Boylston Avenue	13.8	4.8		1500 kva	0	0	transformer	1	1,500
5											
6											
7											
8											
9											
10											
11											
12											
13											
14											
15											
16											
17											
18											
19											
20											
21											
22											
23											
24											
25											
26					TOTALS	0	0	0			

9

OVERHEAD DISTRIBUTION LINES OPERATED							
Line Length (Pole Miles)							
No.	Wood Poles	Steel Towers	Total				
1 Miles Beginning of Year	79.53		79.53				
2 Added During Year			0.00				
3 Retired During Year			0.00				
4 Miles End of Year	79.53	0.00	79.53				
5 *		•					
6							
7							
8 Distribution System Characteristics - AC, 3	Phase, 60 cycles and 13800/797	0 operating voltages					

for Light and Power

# ELECTRIC DISTRIBUTION SERVICES, METERS AND LINE TRANSFORMERS

				Line Tra	ansformers
		Electric	Number of		Total
Line	Item	Services	Watt-hour	Number	Capacity
No.			Meters		(kva)
16	Number at beginning of year:	1,546	1,656	752	25,880
17	Additions during year				
18	Purchased	0	300	1	10
19	Installed	0	0	0	0
20	Associated with utility plant acquired				
21	Total Additions	0	300	1	10
22	Reductions during year:				
23	Retirements	0	43	10	326
24	Associated with utility plant solo	0	0	0	0.0
25	Total Reductions	0	43	10	326
26	Number at end of year	1,546	1,913	743	25,564
27	In stock		367	134	6,374
28	Locked meters on customers' premises		1,546	0	0
29	Inactive transformers on system		0	0	0
30	In customers' use		0	590	9,324
31	In company's use		0	19	9,868
32	Number at end of year		1,913	743	25,566

CONDUIT, UNDERGROUND CABLE AND SUBMARINE CABLE - (Distribution System)							
	Report below the information called for concerning cor	nduit, underground cable, and subm	narine cable a	t end of year.			
		Miles of Conduit Bank	Undergrou	ınd Cabl€		arine Cable	
Line	Designation of Underground Systen	(All Sizes and Types)	Miles *	Operating	Feet *	Operating	
No.	(a)	(b)	(c)	Voltage (d)	(e)	Voltage (f)	
1	Underground Distribution System	5.800	5.800	13.8KVA	0	0	
			5.555				
3							
4							
5							
6							
2 3 4 5 6 7 8							
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36 37							
38							
39							
40							
41							
42							
43							
44							
45							
46							
47							
48	TOTAL 0	5.000	F 000				
49	TOTALS	5.800	5.800	-	0	0	
	*indicate number of conductors per cable						

(-	STI	REET	<u>LAMPS</u>	CONN	ECTED					
					Туре					
Lina	City on Town	T-4-1	Incande		Mercury Vapor		Florescent & Quartz		Sodiu	
Line No.	City or Town (a)	Total (b)	Municipal (c)	Other (d)	Municipal (e)	Other (f)	Municipal (g)	Other (h)	Municipal (i)	Other (j)
1	Princeton	180	15	0	0	0	0	, o		98
2										
3										
4 5										
6										
7										
8										
2 3 4 5 6 7 8 9 10										
10 11										
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35 36 37										
38 39										
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40 41										
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43										
44										
45 46										
46 47										
48										
49										
50										
51 52	TOTALO	100	45	^	^	^		^	67	00
52	TOTALS	180	15	0	0	0	0		67 ext Page is	98

# RATE SCHEDULE INFORMATION

1. Attach copies of all Filed Rates for General Consumers

2. Show below the changes in rate schedules during year and the estimated increase or decrease in annual revenues predicted on the previous year's operations.

Effective Date	M.D.P.U. Number	Rate Schedule	Estimated Effect on Annual Revenues			
Date	Date Number Concade		Increases	Decreases		
		Please see attached schedule				
		for new rates effective 1/1/2016.				

THIS RETURN IS SIGNED UNDER THE PENALTIES OF PERJURY					
		Mayor			
Rin Effle		Manager of Electric Light			
Brian Allen					
Chris Conway	Zi Coshull	Selectmen			
Tim Cochrell	Jan H Welleton	or Members of the			
James Whitman		Municipal Light Board			
		Doard			
	)				
	VE PARTIES AFFIXED OUTSIDE THE CHUSETTS MUST BE PROPERLY SV				
SS		0 * 2017			
Then personally appeared					
And severally made oath to the subscribed according to their leading to the subscribed to the subscribed leading to the subs	e truth of the foregoing statement by the pest knowledge and belief.  Charter Mudla	Notary Public or Justice of the Peace			

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Princeton Municipal Light Department

#### RESIDENTIAL RATE (RR)

**AVAILABILITY:** Service under this rate is available for all domestic purposes in an individual private dwelling or an individual apartment. Incidental commercial uses on the same premises (not exceeding 150 kWh per month, as determined by the Department) may be permitted under this rate at the Department's discretion depending upon the metering requirements and the nature of the commercial load characteristics. In the case of multiple dwellings, the Department may under unusual circumstance and solely at the discretion of the Department, permit service under this rate through a master meter; however, the monthly customer charge shall be applied for each residential service meter, and the minimum monthly charge shall be equal to the customer charge multiplied by the number of separate living quarters so served.

#### **COST OF SERVICE:**

Monthly Service charge: \$8.95 per meter (with no kWh)

Energy Charge: \$0.2475 per kWh

Monthly Minimum Charge: The Monthly Service Charge.

**DISCOUNT:** A 5% discount will be applied to the Residential Service Energy Charge, provided all outstanding bills are paid before the 20th of each month at the discretion of the Department. An outstanding bill equal to the monthly discount that would have applied on the single prior month's bill may be disregarded when determining applicability for the discount. No discount will be allowed on the Customer Charge, the Purchase Power Cost Adjustment, or any other charge that may be applied from time to time.

**TERMS AND CONDITIONS:** The Department's Terms and Conditions in effect from time to time, where not inconsistent with the specific provisions hereof, are a part of this rate.

**POWER COST ADJUSTMENT:** A Purchase Power Cost Adjustment (PPCA), either a charge or a credit, shall be applied to all kilowatt-hours sold under this rate as provided in the PPAC.

Princeton Municipal Light Department

#### **FARM RATE (FR)**

**AVAILABILITY:** Service under this rate is available, at the discretion of the Department, for the purpose of commercial farming by resident Farmers who farm as a significant source of their livelihood.

#### **COST OF SERVICE:**

Monthly Service charge; \$8.95 per meter (with no kWh)

Energy Charge: \$0.2227 per kWh

Monthly Minimum Charge: The Monthly Service Charge.

**DISCOUNT:** A 5% discount will be applied to the Farm Service Energy Charge, provided all outstanding bills are paid before the 20th of each month at the discretion of the Department. An outstanding bill equal to the monthly discount that would have applied on the single prior month's bill may be disregarded when determining applicability for the discount. No discount will be allowed on the Customer Charge, the Purchase Power Cost Adjustment, or any other charge that may be applied from time to time.

**TERMS AND CONDITIONS:** The Department's Terms and Conditions in effect from time to time, where not inconsistent with the specific provisions hereof, are a part of this rate.

**POWER COST ADJUSTMENT:** A Purchase Power Cost Adjustment (PPCA), either a charge or a credit, shall be applied to all kilowatt-hours sold under this rate as provided in the PPAC.

Princeton Municipal Light Department

## **COMMERCIAL SERVICE RATE (CS)**

**AVAILABILITY:** Service under this rate is available for non-residential service and shall include individual commercial and small industrial establishments requiring a single-phase or three phase, secondary connection This rate is not available to customers where the Department has determined that the maximum monthly use of that customer exceeds 2750 kilowatt-hours at any time during the preceding 12 months.

#### **COST OF SERVICE:**

Monthly Service: \$8.95 per meter (with no kWh)

Energy Charge: \$0.2515 per kWh

Monthly Minimum Charge: The Monthly Service Charge.

**TERMS AND CONDITIONS:** The Department's Terms and Conditions in effect from time to time, where not inconsistent with the specific provisions hereof, are a part of this rate.

**POWER COST ADJUSTMENT:** A Purchase Power Cost Adjustment (PPCA), either a charge or a credit, shall be applied to all kilowatt-hours sold under this rate as provided in the PPAC.

Princeton Municipal Light Department

#### **SOLAR RESIDENTIAL RATE (RR)**

**AVAILABILITY:** Service under this rate is available for all domestic purposes in an individual private dwelling or an individual apartment. Incidental commercial uses on the same premises (not exceeding 150 kWh per month, as determined by the Department) may be permitted under this rate at the Department's discretion depending upon the metering requirements and the nature of the commercial load characteristics. In the case of multiple dwellings, the Department may under unusual circumstance and solely at the discretion of the Department, permit service under this rate through a master meter; however, the monthly customer charge shall be applied for each residential service meter, and the minimum monthly charge shall be equal to the customer charge multiplied by the number of separate living quarters so served.

#### **COST OF SERVICE:**

Monthly Service charge: \$12.95 per meter (with no kWh)

Energy Charge: \$0.2475 per kWh

Monthly Minimum Charge: The Monthly Service Charge.

**DISCOUNT:** A 5% discount will be applied to the Residential Service Energy Charge, provided all outstanding bills are paid before the 20th of each month at the discretion of the Department. An outstanding bill equal to the monthly discount that would have applied on the single prior month's bill may be disregarded when determining applicability for the discount. No discount will be allowed on the Customer Charge, the Purchase Power Cost Adjustment, or any other charge that may be applied from time to time.

**TERMS AND CONDITIONS:** The Department's Terms and Conditions in effect from time to time, where not inconsistent with the specific provisions hereof, are a part of this rate.

**POWER COST ADJUSTMENT:** A Purchase Power Cost Adjustment (PPCA), either a charge or a credit, shall be applied to all kilowatt-hours sold under this rate as provided in the PPAC.

Princeton Municipal Light Department

## **SOLAR COMMERCIAL SERVICE RATE (CS)**

**AVAILABILITY:** Service under this rate is available for non-residential service and shall include individual commercial, small industrial and municipal establishments requiring a single-phase or three phase, secondary connection. This rate is not available to customers where the Department has determined that the maximum monthly use of that customer exceeds 2750 kilowatt-hours at any time during the preceding 12 months.

#### **COST OF SERVICE:**

Monthly Service: \$12.95 per meter (with no kWh)

Energy Charge: \$0.2515 per kWh

Monthly Minimum Charge: The Monthly Service Charge.

**TERMS AND CONDITIONS:** The Department's Terms and Conditions in effect from time to time, where not inconsistent with the specific provisions hereof, are a part of this rate.

**POWER COST ADJUSTMENT:** A Purchase Power Cost Adjustment (PPCA), either a charge or a credit, shall be applied to all kilowatt-hours sold under this rate as provided in the PPAC.

Princeton Municipal Light Department

#### **MUNICIPAL RATE (MR)**

**AVAILABILITY:** Service under this rate is available for non-residential service and shall include municipal establishments requiring a single-phase or three phase, secondary connection. This rate is not available to customers where the Department has determined that the maximum monthly use of that customer exceeds 2750 kilowatt-hours at any time during the preceding 12 months.

#### **COST OF SERVICE:**

Monthly Service: \$8.95 per meter (with no kWh)

Energy Charge: \$0.2515 per kWh

Monthly Minimum Charge: The Monthly Service Charge.

**TERMS AND CONDITIONS:** The Department's Terms and Conditions in effect from time to time, where not inconsistent with the specific provisions hereof, are a part of this rate.

**POWER COST ADJUSTMENT:** A Purchase Power Cost Adjustment (PPCA), either a charge or a credit, shall be applied to all kilowatt-hours sold under this rate as provided in the PPAC.

Princeton Municipal Light Department

# PUBLIC AND PRIVATE OUTDOOR LIGHTING (OL)

**AVAILABILITY:** Service under this rate is available to any customer for outdoor lighting service for public and private property, providing that no light is more than 150 feet from the Department's existing overhead distribution system.

#### **COST OF SERVICE:**

Wattage/Type	Annual Rate
50W High Pressure Sodium	\$36.32
70W High Pressure Sodium	\$98.10
100W High Pressure Sodium (a)	\$147.76
150W High Pressure Sodium	\$188.84
175W Mercury Vapor (a)	\$213.40
250W High Pressure Sodium	\$283.74
Blinking Traffic Lights	\$290.51
400W High Pressure Sodium	\$534.13

When required, customers will be charged time and material for the installation of new poles.

(a) Not available for new services.

**EQUIPMENT:** In all cases of public right of ways the Department will furnish, own, and maintain all poles, wire, lamps, luminaries, brackets, and photoelectric controls. In cases where poles are located on private property, customers will own all poles and wire but the Department will own and maintain lamps, luminaries, brackets and photoelectric controls. In cases where poles are located on private property, at the Department's request, provide traffic protection.

**HOURS OF OPERATION:** All lights shall be operated from approximately one-half hour after sunset to one half-hour before sun-rise, a total of approximately 4,000 hours each year. Burned out lamps will be replaced upon notification by the customer to the Department. No reduction in billing will be allowed for lamp outage.

**BILLING:** Private outdoor lights shall be billed semi-annually on the first day of January and July each year. Public Streetlights shall be billed monthly beginning the first day of July each year.

**TERMS AND CONDITIONS:** The Department's Terms and Conditions in effect from time to time, where not inconsistent with the specific provisions hereof, are a part of this rate.

Princeton Municipal Light Department

## PURCHASE POWER COST ADJUSTMENT (PPCA)

**APPLICABLE:** The Purchase Power Cost Adjustment (PPCA) is applicable to all rates identified with Power Cost Adjustment clause.

**PPCA CHARGE:** There shall be added or credited to each monthly bill an amount equal to the total kWh billing during the month multiplied by the PPCA factor determined each month as follows:

- (A) Total Purchased Power Cost including NEPOOL Interchange charged to Account 555(a) for the month divided by:
- (B) Estimated kWh's to be sold during the month will be compared to:
- (C) Base period cost of purchased power per kWh sold, amounting to \$0.00 per kWh sold.

The difference between the base cost and the monthly cost per kWh estimated to be sold will be applied in the monthly billing period. The purchased power cost adjustment (PPCA) will be calculated as follows:

PPCA = ((A)/(B)) minus (C)

(a) An adjustment to Account 555 charges shall be made each month to reflect the difference between estimated kWh's sold each month and actual kWh's sold each month in order to recover or credit any under-collection or over-collection of purchase power charges.

Effective: January 1, 2016
Princeton Municipal Light Department

#### **EXCULPATORY CLAUSE**

**APPLICABILITY:** The Exculpatory Clause is applicable to all rates identified.

**EXCULPATORY CLAUSE:** The Town of Princeton Municipal Lighting Plant, 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 accident, labor difficulties, conditions of fuel supply, the attitude of any public authority, reduction in voltage, rotating of the use of 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 an emergency load reduction program by the Municipal Lighting Plant or one with whom it has contracted for the supply of electricity or inability for any reason to maintain uninterrupted and continuous service; provided, however, that if the Municipal Lighting Plant is unable for any of the causes enumerated above to supply electricity for a continuous period of two (2) days or more, that upon request of the customer, the demand charge, if any, shall be suspended for the duration of such inability.