

**MUNICIPAL LIGHT PLANTS**  
**The Commonwealth of Massachusetts**

**RETURN**  
**OF THE**  
**Municipal Light Plant of**

**THE CITY OF PEABODY**

**DEPARTMENT OF**  
**PUBLIC UTILITIES**  
**OF MASSACHUSETTS**

**For The Year Ending December 31**  
**2020**

## TABLE OF CONTENTS

Title of Schedule (a)	Schedule Page Number (b)
General Information	3-6
Cost of Plant	8A-8B
Comparative Balance Sheet	10-11
Statement of Income for the Year	12
Statement of Earned Surplus	12
Cash Balance Report	14
Depreciation Fund	14
Materials & Supplies	14
Utility Plant - Electric	15-17
Production Fuel and Oil Stocks	18
Miscellaneous Adjustments to Surplus	21
Municipal Revenues	22
Electric Operating Revenues	37
Sales of Electricity to Ultimate Consumers	38
Electric Operation and Maintenance Expenses	39-42
Summary of Electric Operation and Maintenance Expenses	42
Income from Merchandising, Jobbing and Contract Work	51
Sales for Resale - Electric	52-53
Purchase Power	54-55
Interchange Power	56
Electric Energy Account	57
Monthly Peaks and Output	57
Generating Station Statistics - Large Station	58
Combustion Engine and Other Generating Stations	64-65
Transmission Line Statistics	67
Substations	68
Overhead Distribution Lines Operated	69
Conduit, Underground Cable and Submarine Cable	70
Street Lamps Connected to System	71
Rate Schedule Information	79
Signature Page	81

## GENERAL INFORMATION

1. Name of town (or city) making report.	City of Peabody
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.	
Date of votes to acquire a plant in accordance with the provisions of chapter 164 of the General Laws.	
Record of votes: First vote: Yes,    ; No,    Second vote: Yes,    ; No,	
Date when town (or city) began to sell gas and electricity,	1891
3. Name and address of manager of municipal lighting: Charles J. Orphanos	3 Pulver Dr. Peabody, MA
4. Name and address of mayor or selectman: Edward A. Bettencourt, Jr.	1 America Dr. Peabody, MA
5. Name and address of town (or city) treasurer: Dianne R. Full	12 Sherman St, #2 Peabody, MA
6. Name and address of town (or city) clerk: Allyson Danforth	16 Wentworth Dr. Beverly, MA
7. Names and addresses of members of municipal light board: William C. Aylward Charles W. Bonfanti Thomas M. D'Amato Thomas J. Paras Robert O. Wheatley	155 Winona St. 15 Longstreet Rd. 14 Samoset Rd. 123 Winona St. 19 Southwick Ave.
8. Total valuation of estates in town (or city) according to last State Valuation	\$8,644,099,018
9. Tax rate for all purposes during the year:	10.49
10. Amount of manager's salary:	\$203,223
11. Amount of manager's bond:	\$100,000
12. Amount of salary paid to members of municipal light board (each)	\$5,100

## Annual Report of PEABODY MUNICIPAL LIGHT PLANT

Year Ended December 31, 2020

## FURNISH SCHEDULE OF ESTIMATES REQUIRED BY GENERAL LAWS, CHAPTER 164, SECTION 57 FOR GAS AND ELECTRIC LIGHT PLANTS FOR THE FISCAL YEAR, ENDING DECEMBER 31, NEXT.

		Amount	
	INCOME FROM PRIVATE CONSUMERS:		
1	From sales of gas		
2	From sales of electricity	\$ 61,658,210.00	
3		TOTAL \$ 61,658,210.00	
4			
5	EXPENSES:		
6	For operation, maintenance and repairs	\$ 57,804,827.60	
7	For interest on bonds, notes or scrip	0.00	
8	For depreciation fund (3% on \$128,406,213.49 as per page 8B)	3,852,186.40	
9	For sinking fund requirements	0.00	
10	For note payments	0.00	
11	For bond payments	0.00	
12	For loss in preceding year	0.00	
13		TOTAL \$ 61,657,014.00	
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 excludes Lynnfield	\$ 1,579,550.72	
19	Of electricity to be used for street lights excludes Lynnfield	279,308.81	
20	Total of above items to be included in the tax levy	1,858,859.53	
21			
22	New construction to be included in the tax levy		
23	Total amounts to be included in the tax levy	\$ 1,858,859.53	
CUSTOMERS			
Names of cities or towns in which the plant supplies GAS, with the number of customers' meters in each		Names of cities or towns in which the plant supplies ELECTRICITY , with the number of customers' meters in each	
City or Town	Number of Customers Meters, Dec. 31	City or Town	Number of Customers' Meters, Dec. 31
		Peabody	24,158
		Lynnfield	2,304
TOTAL		TOTAL	26,462

**In gas property:**

BONDS							
(Issued on Account of Gas or Electric Lighting)							
When Authorized	Date of Issue	Amount of Original Issues	Period of Payments		Rate	Interest When Payable	Amount Outstanding At end of Year
			Amounts	When Payable			
REG 02-13-75	04-01-76	2,400,000					
REG 03-01-90	03-13-90	3,410,000					
REG 08-01-91	08-01-91	2,825,000					
REG 10-01-93	10-05-93	6,325,000					
REG 08-01-97	08-01-97	7,920,000					
TOTAL		22,880,000				TOTAL	0

TOTAL COST OF PLANT - ELECTRIC							
Line No.	Account (a)	Balance Beginning of Year (b)	Additions (c)	Retirements (d)	Adjustments (e)	Transfers (f)	Balance End of Year (g)
10	D. Other Production Plant						
11	340 Land and Land Rights	177,259.88	0.00	0.00			177,259.88
12	341 Structures and Improvements	0.00	0.00	0.00			0.00
13	342 Fuel Holders, Producers and Accessories	1,680,663.03	0.00	0.00			1,680,663.03
14	343 Prime Movers	23,644,348.28	103,268.74	0.00			23,747,617.02
15	344 Generators	2,002,990.16	0.00	0.00			2,002,990.16
16	345 Accessory Electric Equipment	30,985.00	0.00	0.00			30,985.00
17	346 Miscellaneous Power Plant Equipment	23,718.76	0.00	0.00			23,718.76
18	Total Other Production Plant	27,559,965.11	103,268.74	0.00	0.00	0.00	27,663,233.85
19	Total Production Plant	27,559,965.11	103,268.74	0.00	0.00	0.00	27,663,233.85
20	3. TRANSMISSION PLANT						
21	350 Land and Land Rights	0.00	0.00	0.00			0.00
22	351 Clearing Land and Rights of Way	0.00	0.00	0.00			0.00
23	352 Structures and Improvements	935,223.03	0.00	0.00			935,223.03
24	353 Station Equipment	2,912,672.21	0.00	0.00			2,912,672.21
25	354 Towers and Fixtures	0.00	0.00	0.00			0.00
26	355 Poles and Fixtures	2,714,682.89	0.00	0.00			2,714,682.89
27	356 Overhead Conductors and Devices	2,228,139.37	0.00	0.00			2,228,139.37
28	357 Underground Conduits	0.00	0.00	0.00			0.00
29	358 Underground Conductors and Devices		0.00	0.00			
30	359 Roads and Trails	26,422.26	0.00	0.00			26,422.26
31	Total Transmission Plant	8,817,139.76	0.00	0.00	0.00	0.00	8,817,139.76

## Annual Report of PEABODY MUNICIPAL LIGHT PLANT

Year Ended December 31, 2020

TOTAL COST OF PLANT - ELECTRIC (Continued)							
Line No.	Account (a)	Balance Beginning of Year (b)	Additions (c)	Retirements (d)	Adjustments (e)	Transfers (f)	Balance End of Year (g)
1	4. DISTRIBUTION PLANT						
2	360 Land and Land Rights	192,974.79	0.00	0.00			192,974.79
3	361 Structures and Improvements	3,137,710.42	57,302.85	0.00			3,195,013.27
4	362 Station Equipment	20,273,108.09	807,855.38	0.00			21,080,963.47
5	363 Storage Battery Equipment	0.00	0.00	0.00			0.00
6	364 Poles, Towers and Fixtures	11,437,793.37	463,443.32	0.00			11,901,236.69
7	365 Overhead Conductors and Devices	19,296,641.85	245,940.69	0.00			19,542,582.54
8	366 Underground Conduits	985,668.53	8,688.65	0.00			994,357.18
9	367 Underground Conductors & Devices	2,570,600.53	30,417.16	0.00			2,601,017.69
10	368 Line Transformers	11,022,225.66	106,290.41	-86,210.50			11,042,305.57
11	369 Services	1,497,435.97	115,302.20	0.00			1,612,738.17
12	370 Meters and AMI	8,943,493.38	120,692.44	0.00			9,064,185.82
13	371 Installation on Cust's Premises	0.00	0.00	0.00			0.00
14	372 Leased Prop. on Cust's Premises	0.00	0.00	0.00			0.00
15	373 Street Light and Signal Systems	3,066,739.64	4,440.86	0.00			3,071,180.50
15A	374 Electronic Meter Read Device	21,009.07	0.00	0.00			21,009.07
16	Total Distribution Plant	82,445,401.30	1,960,373.96	-86,210.50	0.00	0.00	84,319,564.76
17	5. GENERAL PLANT						
18	389 Land and Land Rights	0.00	0.00	0.00			0.00
19	390 Structures and Improvements	9,917,528.52	231,743.88	0.00			10,149,272.40
20	391 Office Furniture and Equipment	4,585,400.18	244,193.30	0.00			4,829,593.48
21	392 Transportation Equipment	2,551,880.81	634,990.00	0.00			3,186,870.81
22	393 Stores Equipment	35,773.39	0.00	0.00			35,773.39
23	394 Tools, Shop and Garage Equipment	179,552.01	79.50	0.00			179,631.51
24	395 Laboratory Equipment	900,943.03	3,882.17	0.00			904,825.20
25	396 Power Operated Equipment	0.00	0.00	0.00			0.00
26	397 Communication Equipment	123,379.01	0.00	0.00			123,379.01
27	398 Miscellaneous Equipment	10,400.30	0.00	0.00			10,400.30
28	399 Other Tangible Property	0.00	0.00	0.00			0.00
29	Total General Plant	18,304,857.25	1,114,888.85	0.00	0.00	0.00	19,419,746.10
30	Total Electric Plant in Service	137,127,363.42	3,178,531.55	-86,210.50	0.00	0.00	140,219,684.47
31		TOTAL COST OF PLANT					
32		Less Amount Fully Depreciated					
33		Less Cost of Land, Land Rights, Rights of Way					
34		Total Cost Upon Which Depreciation is Based					
The above figures should show the original cost of the existing property. In case any part of the property is sold or retired, the cost of such property should be deducted from the cost of plant. The net cost of the property, less the land values, should be taken as a basis for figuring depreciation.							

The above figures should show the original cost of the existing property. In case any part of the property is sold or retired, the cost of such property should be deducted from the cost of plant. The net cost of the property, less the land values, should be taken as a basis for figuring depreciation.



COMPARATIVE BALANCE SHEET Assets and Other Debits				
Line No.	Title of Account (a)	Balance Beginning of Year (b)	Balance End of Year (c)	Increase or (Decrease) (d)
1	<b>UTILITY PLANT</b>			
2	101 Utility Plant - Electric (P.17)	45,887,385.44	45,276,996.68	-610,388.76
3	101 Utility Plant - Gas (P.20)	0.00	0.00	0.00
4				
5	<b>Total Utility Plant</b>	<b>45,887,385.44</b>	<b>45,276,996.68</b>	<b>-610,388.76</b>
6				
7				
8				
9				
10				
11	<b>FUND ACCOUNTS</b>			
12	125 Sinking Funds	0.00	0.00	0.00
13	126 Depreciation Fund (P. 14)	3,783,937.19	4,479,696.09	695,758.90
14	128 Other Special Funds	39,228,349.54	41,257,221.43	2,028,871.89
15	<b>Total Funds</b>	<b>43,012,286.73</b>	<b>45,736,917.52</b>	<b>2,724,630.79</b>
16	<b>CURRENT AND ACCRUED ASSETS</b>			
17	131 Cash (P. 14)	1,275,134.04	1,673,065.84	397,931.80
18	132 Special Deposits	3,262,853.58	3,314,518.85	51,665.27
19	135 Working Funds	3,000.00	3,000.00	0.00
20	141 Notes Receivable	0.00	0.00	0.00
21	142 Customer Accounts Receivable	5,180,216.09	5,064,058.11	-116,157.98
22	143 Other Accounts Receivable	4,975,666.44	4,161,031.70	-814,634.74
23	146 Receivables from Municipality	0.00	0.00	0.00
24	151 Materials and Supplies (P.14)	689,345.78	730,527.49	41,181.71
25				
26	165 Prepayments	13,323,447.76	13,340,006.47	16,558.71
27	174 Miscellaneous Current Assets	0.00	0.00	0.00
28	<b>Total Current and Accrued Assets</b>	<b>28,709,663.69</b>	<b>28,286,208.46</b>	<b>-423,455.23</b>
29	<b>DEFERRED DEBITS</b>			
30	181 Unamortized Debt Discount	0.00	0.00	0.00
31	182 Extraordinary Property Losses	0.00	0.00	0.00
32	185 Other Deferred Debits	0.00	0.00	0.00
33	<b>Total Deferred Debits</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
34				
35	<b>Total Assets and Other Debits</b>	<b>117,609,335.86</b>	<b>119,300,122.66</b>	<b>1,690,786.80</b>

## Annual Report of PEABODY MUNICIPAL LIGHT PLANT

Year Ended December 31, 2020

COMPARATIVE BALANCE SHEET Liabilities and Other Credits				
Line No.	Title of Account (a)	Balance Beginning of Year (b)	Balance End of Year (c)	Increase or (Decrease) (d)
1	<b>APPROPRIATIONS</b>			
2	201 Appropriations for Construction	0.00	0.00	0.00
3	<b>SURPLUS</b>			
4	205 Sinking Fund Reserves	0.00	0.00	0.00
5	206 Loans Repayments	21,240,000.00	21,240,000.00	0.00
6	207 Appropriations for Construction Repayments	0.00	0.00	0.00
7	208 Unappropriated Earned Surplus (P.12)	19,672,402.85	19,944,036.70	271,633.85
8	<b>Total Surplus</b>	40,912,402.85	41,184,036.70	271,633.85
9	<b>LONG TERM DEBT</b>			
10	221 Bonds (P.6)	0.00	0.00	0.00
11	231 Notes Payable (P.7)	0.00	0.00	0.00
12	<b>Total Bonds and Notes</b>	0.00	0.00	0.00
13	<b>CURRENT AND ACCRUED LIABILITIES</b>			
14	232 Accounts Payable	7,781,646.71	7,029,147.61	-752,499.10
15	234 Payables to Municipality	151,875.14	115,504.69	-36,370.45
16	235 Customer' Deposits	3,263,465.94	3,315,833.50	52,367.56
17	236 Taxes Accrued	0.00	0.00	0.00
18	237 Interest Accrued	0.00	0.00	0.00
19	242 Miscellaneous Current and Accrued Liabilities	0.00	0.00	0.00
20	<b>Total Current and Accrued Liabilities</b>	11,196,987.79	10,460,485.80	-736,501.99
21	<b>DEFERRED CREDITS</b>			
22	251 Unamortized Premium on Debt	0.00	0.00	0.00
23	252 Customer Advances for Construction	0.00	0.00	0.00
24	253 Other Deferred Credits	0.00	0.00	0.00
25	<b>Total Deferred Credits</b>	0.00	0.00	0.00
26	<b>RESERVES</b>			
27	260 Reserves for Uncollectable Accounts	175,000.00	175,000.00	0.00
28	261 Property Insurance Reserve	3,497,988.27	3,459,814.37	-38,173.90
29	262 Injuries and Damages Reserves	0.00	0.00	0.00
30	263 Pensions and Benefits	24,787,602.25	27,672,091.35	2,884,489.10
31	265 Miscellaneous Operating Reserves	37,039,354.70	36,348,694.44	-690,660.26
32	<b>Total Reserves</b>	65,499,945.22	67,655,600.16	2,155,654.94
33	<b>CONTRIBUTIONS IN AID OF CONSTRUCTION</b>			
34	271 Contributions in Aid of Construction	0.00	0.00	0.00
35	<b>Total Liabilities and Other Credits</b>	117,609,335.86	119,300,122.66	1,690,786.80

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 PEABODY MUNICIPAL LIGHT PLANT

Year Ended December 31, 2020

STATEMENT OF INCOME FOR THE YEAR			
Line No.	Account (a)	TOTAL	
		Current Year (b)	Increase or Decrease) from Preceding Year (c)
1	<b>OPERATING INCOME</b>		
2	400 Operating Revenue (P.37 and 43)	51,990,357.18	-3,479,856.05
3	<b>Operating Expenses:</b>		
4	401 Operation Expense (P.42 and 47)	46,576,055.030	-2,210,150.49
5	402 Maintenance Expense (P.42 and 47)	2,795,897.75	-44,728.06
6	403 Depreciation Expense	3,788,920.31	-983,820.13
7	407 Amortization of Property Losses	0.00	0.00
8	411 Loss on Disposal	0.00	-61,756.08
9	408 Taxes (P.49)	0.00	0.00
10	Total Operating Expenses	53,160,873.09	-3,300,454.76
11	Operating Income (Loss)	-1,170,515.91	-179,401.29
12	414 Other Utility Operating Income (P.50)	0.00	0.00
13			
14	Total Operating Income (Loss)	-1,170,515.91	-179,401.29
15	<b>OTHER INCOME</b>		
16	415 Income from Merchandising, Jobbing & Contract Work (P.51)	878,034.91	-493,884.08
17	419 Interest Income	174,026.35	-898,924.27
18	421 Miscellaneous Nonoperating Income	1,199,553.37	-121,432.38
19	Total Other Income	2,251,614.63	-1,514,240.73
20	Total Income (Loss)	1,081,098.72	-1,693,642.02
21	<b>MISCELLANEOUS INCOME DEDUCTIONS</b>		
22	425 Miscellaneous Amortization	0.00	0.00
23	426 Other Income Deductions	0.00	0.00
24	Total Income Deductions	0.00	0.00
25	Income Before Interest Charges	1,081,098.72	-1,693,642.02
26	<b>INTEREST CHARGES</b>		
27	427 Interest on Bonds and Notes (MMWEC Loan)	24,238.21	13,516.92
28	428 Amortization of Debt Discount and Expense	0.00	0.00
29	429 Amortization of Premium on Debt - Credit	0.00	0.00
30	431 Other Interest Expense	4,060.82	-3,731.32
31	432 Interest Charged to Construction-Credit	0.00	0.00
32	Total Interest Charges	28,299.03	9,785.60
33	<b>NET INCOME (LOSS)</b>	1,052,799.69	-1,703,427.62
	<b>EARNED SURPLUS</b>		
Line No.	(a)	Debits (b)	Credits (c)
34	208 Unappropriated Earned Surplus (at beginning of period)	0.00	19,672,402.85
35	208 Revise Beginning Balance		
36			
37	433 Balance Transferred from Income		1,052,799.69
38	434 Miscellaneous Credits to Surplus		10,455,284.98
39	435 Miscellaneous Debits to Surplus	10,726,450.82	
40	436 Appropriations of Surplus (P.21)	510,000.00	
41	437 Surplus Applied to Depreciation	0.00	
42	208 Unappropriated Earned Surplus (at end of period)	19,944,036.70	
43			
44	<b>TOTALS</b>	31,180,487.52	31,180,487.52

## Annual Report of PEABODY MUNICIPAL LIGHT PLANT

Year Ended December 31, 2020

CASH BALANCES AT END OF YEAR (Account 131)			
Line No.	Items (a)	Amount (b)	
1	Operation Fund	1,673,065.84	
2	Interest Fund	0.00	
3	Bond Fund	0.00	
4	Construction Fund	0.00	
5			
6			
7			
8			
9			
10			
11			
12	TOTAL	1,673,065.84	
MATERIALS AND SUPPLIES (Accounts 151-159, 163) Summary per Balance Sheet			
Line No.	(a)	Amount End of Year	
		Electric (b)	Gas (c)
13	Fuel (Account 151 ) (See Schedule, Page 25)	0.00	150,013.32
14	Fuel Stock Expenses (Account 152)	0.00	
15	Residuals (Account 153)	0.00	
16	Plant Materials and Operating Supplies (Account 154)	0.00	580,514.17
17	Merchandise (Account 155)	0.00	
18	Other Materials and Supplies (Account 156)	0.00	
19	Nuclear Fuel Assemblies and Components - In Reactor (Account 157)	0.00	
20	Nuclear Fuel Assemblies and Components - Stock Account (Account 158)	0.00	
21	Nuclear Byproduct Materials (Account 159)	0.00	
22	Stores Expense (Account 163)	0.00	
23	Total Per Balance Sheet	0.00	
DEPRECIATION FUND ACCOUNT (Account 136)			
Line No.	(a)	Amount (b)	
24	DEBITS		
25	Balance of account at beginning of year	3,783,937.19	
26	Income during year from balance on deposit	15,117.82	
27	Amount transferred from income	3,788,920.32	
28	Refunds, Insurance reimbursements, Gas Turbine	0.00	
29	TOTAL	7,587,975.33	
30	CREDITS		
31	Amount expended for construction purposes (Sec. 57,C.164 of G.L.)	3,108,279.24	
32	Amounts expended for renewals,viz:-		
33			
34			
35			
36			
37			
38			
39	Balance on hand at end of year	4,479,696.09	
40	TOTAL	7,587,975.33	



UTILITY PLANT - ELECTRIC (Continued)							
Line No.	Account (a)	Balance Beginning of Year (b)	Additions (c)	Depreciation (d)	Other Credits (e)	Adjustments Transfers (f)	Balance End of Year (g)
1	C. Hydraulic Production Plant						
2	330 Land and Land Rights	0.00	0.00	0.00	0.00	0.00	0.00
3	331 Structures and Improvements	0.00	0.00	0.00	0.00	0.00	0.00
4	332 Reservoirs, Dams and Waterways	0.00	0.00	0.00	0.00	0.00	0.00
5	333 Water Wheels, Turbines and Generators	0.00	0.00	0.00	0.00	0.00	0.00
6	334 Accessory Electric Equipment	0.00	0.00	0.00	0.00	0.00	0.00
7	335 Miscellaneous Power Plant Equipment	0.00	0.00	0.00	0.00	0.00	0.00
8	336 Roads, Railroads and Bridges	0.00	0.00	0.00	0.00	0.00	0.00
9	Total Hydraulic Production Plant	0.00	0.00	0.00	0.00	0.00	0.00
10	D. Other Production Plant						
11	340 Land and Land Rights	177,259.88	0.00	0.00	0.00	0.00	177,259.88
12	341 Structures and Improvements	0.00	0.00	0.00	0.00	0.00	0.00
13	342 Fuel Holders, Producers and Accessories	7,154.93	0.00	0.00	0.00	0.00	7,154.93
14	343 Prime Movers	4,280,053.62	103,268.74	0.00	0.00	0.00	4,383,322.36
15	344 Generators	0.00	0.00	0.00	0.00	0.00	0.00
16	345 Accessory Electric Equipment	0.00	0.00	0.00	0.00	0.00	0.00
17	346 Miscellaneous Power Plant Equipment	0.00	0.00	0.00	0.00	0.00	0.00
18	Total Other Production Plant	4,464,468.43	103,268.74	0.00	0.00	0.00	4,567,737.17
19	Total Production Plant	4,464,468.43	103,268.74	0.00	0.00	0.00	4,567,737.17
20	3. TRANSMISSION PLANT						
21	350 Land and Land Rights	0.00	0.00	0.00	0.00	0.00	0.00
22	351 Clearing Land and Rights of Way	0.00	0.00	0.00	0.00	0.00	0.00
23	352 Structures and Improvements	20,384.96	0.00	0.00	0.00	0.00	20,384.96
24	353 Station Equipment	0.00	0.00	0.00	0.00	0.00	0.00
25	354 Towers and Fixtures	19,743.60	0.00	0.00	0.00	0.00	19,743.60
26	355 Poles and Fixtures	6,515.00	0.00	0.00	0.00	0.00	6,515.00
27	356 Overhead Conductors and Devices	2,121,444.75	0.00	0.00	0.00	0.00	2,121,444.75
28	357 Underground Conduits	0.00	0.00	0.00	0.00	0.00	0.00
29	358 Underground Conductors and Devices	0.00	0.00	0.00	0.00	0.00	0.00
30	359 Roads and Trails	3,736.38	0.00	0.00	0.00	0.00	3,736.38
31	Total Transmission Plant	2,171,824.69	0.00	0.00	0.00	0.00	2,171,824.69

## Annual Report of PEABODY MUNICIPAL LIGHT PLANT

Year Ended December 31, 2020

UTILITY PLANT - ELECTRIC (Continued)							
Line No.	Account (a)	Balance Beginning of Year (b)	Additions (c)	Depreciation (d)	Other Credits (e)	Adjustments Transfers (f)	Balance End of Year (g)
1	4. DISTRIBUTION PLANT						
2	360 Land and Land Rights	182,564.67	0.00	0.00	0.00	0.00	182,564.67
3	361 Structures and Improvements	899,370.49	57,302.85	0.00	0.00	0.00	956,673.34
4	362 Station Equipment	15,888,582.52	807,855.38	0.00	0.00	0.00	16,696,437.90
5	363 Storage Battery Equipment	0.00	0.00	0.00	0.00	0.00	0.00
6	364 Poles, Towers and Fixtures	2,094,842.95	463,443.32	0.00	0.00	0.00	2,558,286.27
7	365 Overhead Conductors and Devices	3,245,968.86	245,940.69	0.00	0.00	0.00	3,491,909.55
8	366 Underground Conduits	346,086.75	8,688.65	0.00	0.00	0.00	354,775.40
9	367 Underground Conductors & Devices	961,885.81	30,417.16	0.00	0.00	0.00	992,302.97
10	368 Line Transformers	3,146,949.32	20,079.91	-86,210.50	0.00	0.00	3,080,818.73
11	369 Services	162,001.80	115,302.20	0.00	0.00	0.00	277,304.00
12	370 Meters	4,990,909.84	120,692.44	0.00	0.00	0.00	5,111,602.28
13	371 Installation on Cust's Premises	0.00	0.00	0.00	0.00	0.00	0.00
14	372 Leased Prop. on Cust's Premises	0.00	0.00	0.00	0.00	0.00	0.00
15	373 Street Light and Signal Systems	541,191.66	4,440.86	0.00	0.00	0.00	545,632.52
16	374 Electric Meter Read Device	30,037.94	0.00	0.00	0.00	0.00	30,037.94
16	Total Distribution Plant	32,490,392.61	1,874,163.46	-86,210.50	0.00	0.00	34,278,345.57
17	5. GENERAL PLANT						
18	389 Land and Land Rights	0.00	0.00	0.00	0.00	0.00	0.00
19	390 Structures and Improvements	2,228,186.46	231,743.88	0.00	0.00	0.00	2,459,930.34
20	391 Office Furniture and Equipment	2,485,387.12	244,193.30	0.00	0.00	0.00	2,729,580.42
21	392 Transportation Equipment	1,696,922.97	634,990.00	0.00	0.00	0.00	2,331,912.97
22	393 Stores Equipment	792.04	0.00	0.00	0.00	0.00	792.04
23	394 Tools, Shop and Garage Equipment	67,921.63	79.50	0.00	0.00	0.00	68,001.13
24	395 Laboratory Equipment	280,896.35	3,882.17	0.00	0.00	0.00	284,778.52
25	396 Power Operated Equipment	3,346.40	0.00	0.00	0.00	0.00	3,346.40
26	397 Communication Equipment	-2,673.22	0.00	0.00	0.00	0.00	-2,673.22
27	398 Miscellaneous Equipment	-80.04	0.00	0.00	0.00	0.00	-80.04
28	399 Other Tangible Property	0.00	0.00	0.00	0.00	0.00	0.00
29	Total General Plant	6,760,699.71	1,114,888.85	0.00	0.00	0.00	7,875,588.56
30	Total Electric Plant in Service	45,887,385.44	3,092,321.05	-86,210.50	0.00	0.00	48,893,495.99
31	104 Utility Plant Leased to Others	0.00	0.00	0.00	0.00	0.00	0.00
32	105 Property Held for Future Use	0.00	0.00	0.00	0.00	0.00	0.00
33	107 Construction Work in Progress	0.00	0.00	0.00	0.00	0.00	0.00
34	Total Utility Plant Electric	45,887,385.44	3,092,321.05	-86,210.50	0.00	0.00	48,893,495.99

## Annual Report of PEABODY MUNICIPAL LIGHT PLANT

Year Ended December 31, 2020

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., gals. or MCF whichever unit of quantity is applicable 3. Each kind of coal or oil should be shown separately 4. Show gas and electric fuels separately by specific use												
Line No	Item (a)	TOTAL COST (b)	KINDS OF FUEL AND OIL				COST (f)					
			Gas Turbine QUANTITY (c)	COST (d)	QUANTITY (e)							
1	On hand beginning of year	\$ 131,960.26	116,287	\$ 131,960.26								
2	Received during year	93,469.20	80,002	93,469.20								
3	TOTAL	225,429.46	196,289	225,429.46								
4	Used during year (Note A)	75,416.14	68,081	75,416.14								
5												
6												
7												
8												
9												
10												
11	Sold or transferred											
12	TOTAL DISPOSED OF											
13	BALANCE END OF YEAR	\$ 150,013.32	128,208	\$ 150,013.32								
Line No	ITEM (g)	KINDS OF FUEL AND OIL				COST (k)						
		Lube Oil QUANTITY (h)	COST (i)	QUANTITY (j)								
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.



## Annual Report of PEABODY MUNICIPAL LIGHT PLANT

Year Ended December 31, 2020

MISCELLANEOUS NONOPERATING INCOME (Account 421)		
Line No.	Item (a)	Amount (b)
1	Misc Non-Operating Income	1,199,553.37
2		
3		
4		
5		
6	TOTAL	1,199,553.37
OTHER INCOME DEDUCTIONS (Account 426)		
Line No.	Item (a)	Amount (b)
7		
8		
9		
10		
11		
12		
13		
14	TOTAL	0.00
MISCELLANEOUS CREDITS TO SURPLUS (Account 434)		
Line No.	Item (a)	Amount (b)
15	PPFCA Underbilling	1,619,998.00
16	State of MA Depreciation	13,745.16
17	FMV Power Supply Trust	8,705,384.22
18	2015A	43,278.26
19	Insurance Related Expenditures	72,879.34
20	Gas Turbine	0.00
21		
22		
23	TOTAL	10,455,284.98
MISCELLANEOUS DEBITS TO SURPLUS (Account 435)		
Line No.	Item (a)	Amount (b)
24	Insurance Reimbursement	2,847.17
25	FMV Power Supply Trust	8,605,002.34
26	Maintenance Adder	0.00
27	PPFCA Overbilling	1,870,904.00
28	Interest from Reserve Accounts: Depreciation, Insurance Reserve, PPFCA Rate Stabilization and Power Supply Trust	247,697.31
29		
30		
31		
32		
33	TOTAL	10,726,450.82
APPROPRIATIONS OF SURPLUS (Account 436)		
Line No.	Item (a)	Amount (b)
33	Payment to City of Peabody in lieu of taxes	480,000.00
34	Payment to Town of Lynnfield in lieu of taxes	30,000.00
35		
36	TOTAL	510,000.00

## Annual Report of PEABODY MUNICIPAL LIGHT PLANT

Year Ended December 31, 2020

MUNICIPAL REVENUES (Account 482,444)						
(K.W.H. Sold under the provision of Chapter 269, Acts of 1927)						
Line No.	Acct No.	Gas Schedule (a)		Cubic Feet (b)	Revenue Received (c)	Avg. Revenue Per M.C.F. (\$0.0000) (d)
1	482					
2			TOTAL			
		Electric Schedule (a)		K.W.H. (b)	Revenue Received (c)	Avg. Revenue Per K.W.H. (Cents) (\$0.0000) (d)
3	444	<b>Municipal: (Other Than Street Lighting)</b>				
4						
5		Peabody		13,879,347	1,579,550.72	11.3806
6		Lynnfield		316,923	39,550.54	12.4795
7						
8			TOTAL	14,196,270	1,619,101.26	11.4051
9		<b>Street Lighting:</b>				
10						
11		Peabody		1,162,562	279,308.81	24.0253
12		Lynnfield		76,144	19,421.75	25.5066
13			TOTAL	1,238,706	298,730.56	24.1163
14						
15			TOTAL	15,434,976	1,917,831.82	12.4252
PURCHASED POWER (Account 555)						
Line No.		Names of Utilities from Which Electric Energy is Purchased (a)	Where & What Volt Rec'd (b)	K.W.H (c)	Amount (d)	Cost per K.W.H. (cents) (0.0000) (e)
16						
17						
18		SEE PAGE 54				
19						
20						
21						
22			TOTAL			
SALES FOR RESALE (Account 447)						
Line No.		Names of Utilities to Which Electric Energy is Sold (a)	Where & What Volt Del (b)	K.W.H (c)	Amount (d)	Revenues per K.W.H. (cents) (0.0000) (e)
23						
24						
25						
26						
27						
28						
29						
30			TOTALS			

## Annual Report of PEABODY MUNICIPAL LIGHT PLANT

Year Ended December 31, 2020

ELECTRIC OPERATING REVENUES (ACCOUNT 400)									
<p>1. Report below the amount of operating revenue for the year for each prescribed account and the amount of increase or decrease over the preceding year.</p> <p>2. If increases and decreases are not derived from previously reported figures explain any inconsistencies.</p> <p>3. Number of customers should be reported on the basis of number of meters plus number of flat rate accounts, except that where separate meter readings are added for billing purposes, on customer shall be counted for each group of meters so added. The average number of customers means the average of the 12 figures at the close of each month. If the customer count in the residential service classification includes customers counted more than once because of special services such as water heating etc., indicate in a footnote the number of such duplicate customers included in the classification.</p> <p>4. Unmeters sales should be included below. The details of such sales should be given in a footnote.</p> <p>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 basis of classification regularly used by the respondent if such demand. See account 442 of the Uniform System of Accounts. Explain basis of classification.</p>									
Line No.	Account (A)	OPERATING REVENUES		KILOWATT-HOURS SOLD		AVERAGE NUMBER OF CUSTOMERS PER MONTH			
		Current Year Revenue	Increase	Current Year K.W.H	Increase	No. Customers Current Year	Increase		
1	Sales of Electricity								
2	440 Residential Sales	20,646,401.53	264,240.24	196,216,061	12,346,370	22,191		44	
3	442 Commercial Sales								
4	Small (or Commercial)	2,335,266.41	-173,862.64	17,691,714	-1,033,554	2,387		31	
5	Large (or Industrial)	27,090,857.41	-3,471,108.94	237,941,043	-22,089,636	1,818		29	
6	444 Municipal Sales(Pg.22)	1,917,831.83	-99,124.71	15,434,976	-2,616,009	179		0	
7	449 Miscellaneous Sales								
8									
9	Total Sales to Ultimate Consumers	51,990,357.18	-3,479,856.05	467,283,794	-13,392,229	26,575		104	
10	447 Sales for Resale		0.00	0	0	0		0	
11									
12	Total Sales of Electricity	51,990,357.18	-3,479,856.05	467,283,794	-13,392,229	26,575		104	
13									
14	OTHER OPERATING REVENUES								
15	451 Miscellaneous Service Revenues								
16	456 Other Electric Revenues								
17									
18	Total Other Revenues	0.00	0.00						
19									
20	Total Electric Operating Revenue	51,990,357.18	51,990,357.18						
				Includes revenues for application of fuel clauses:		-\$6,872,207.90			
				Total KWH to which applied:		467,283,794			

Annual Report of PEABODY MUNICIPAL LIGHT PLANT

Year Ended December 31, 2020

SALES OF ELECTRICITY TO ULTIMATE CONSUMERS							
Report by account number the K.W.H. sold, the amount derived and the number of customers under each filed schedule or contract. Municipal sales, contract sales and unbilled sales may be reported separately in total.							
Line No.	Account No.	Schedule (a)	K.W.H. (b)	Revenue (c)	Average Revenue per KWH (cents) (0.0000) (d)	Number of Customers (per Bills rendered)	
						July 31 (e)	December 31 (f)
1	R E	Residential	196,216,061	20,646,401.53	10.5223	22,907	22,360
2	K Q U	Commerical	17,691,714	2,335,266.41	13.1998	2,504	2,410
3	M P T F	Power	237,941,043	27,090,857.41	11.3855	1,847	1,852
4	94/95	Municipal	15,434,976	1,917,831.83	12.4252	185	178
5							
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34							
35							
36							
37							
38							
39	TOTAL SALES TO ULTIMATE						
40	CONSUMERS (page 37 Line 9)		467,283,794	51,990,357.18	11.1261	27,443	26,800

## Annual Report of PEABODY MUNICIPAL LIGHT PLANT

Year Ended December 31, 2020

ELECTRIC OPERATION AND MAINTENANCE EXPENSES			
1. Enter in the space provided the operation and maintenance expenses for the year			
2. If the increase and decreases are not derived from previously reported figures explain in footnote			
Line No.	Account (a)	Amount for Year (b)	(Decrease) from Preceding Year (c)
1	<b>POWER PRODUCTION EXPENSES</b>		
2	<b>STEAM POWER GENERATION</b>		
3	Operation:		
4	500 Operation Supervision and engineering	0.00	0.00
5	501 Fuel	0.00	0.00
6	502 Steam Expenses	0.00	0.00
7	503 Steam from other sources	0.00	0.00
8	504 Steam transferred - Cr.	0.00	0.00
9	505 Electric Expenses	0.00	0.00
10	506 Miscellaneous steam power expenses	0.00	0.00
11	507 Rents	0.00	0.00
12	Total operation	0.00	0.00
13	Maintenance:		
14	510 Maintenance supervision & engineering	0.00	0.00
15	511 Maintenance of Structures	0.00	0.00
16	512 Maintenance of Boiler Plant	0.00	0.00
17	513 Maintenance of Electric Plant	0.00	0.00
18	514 Maintenance of Miscellaneous Steam Plant	0.00	0.00
19	Total Maintenance	0.00	0.00
20	Total Power Production Expense - steam power	0.00	0.00
21	<b>NUCLEAR POWER GENERATION</b>		
22	Operation:		
23	517 Operating Supervision & Engineering	0.00	0.00
24	518 Fuel	0.00	0.00
25	519 Coolants & Water	0.00	0.00
26	520 Steam Expenses	0.00	0.00
27	521 Steam from other sources	0.00	0.00
28	522 Steam transferred - Cr.	0.00	0.00
29	523 Electric Expenses	0.00	0.00
30	524 Miscellaneous Nuclear Plant Expenses	0.00	0.00
31	525 Rents	0.00	0.00
32	Total Operation:	0.00	0.00
33	Maintenance		
34	528 Maintenance supervision & Engineering	0.00	0.00
35	529 Maintenance of Structures	0.00	0.00
36	530 Maintenance of Reactor Plant Equipment	0.00	0.00
37	531 Maintenance of Electric Plant	0.00	0.00
38	532 Maintenance of Miscellaneous Nuclear Plant	0.00	0.00
39	Total Maintenance	0.00	0.00
40	Total power production expenses-nuclear power	0.00	0.00
41	<b>HYDRAULIC POWER GENERATION</b>		
42	Operation:		
43	535 Operation Supervision & Engineering	0.00	0.00
44	536 Water for Power	0.00	0.00
45	537 Hydraulic Expenses	0.00	0.00
46	538 Electric Expenses	0.00	0.00
47	539 Miscellaneous hydraulic power generation expenses	0.00	0.00
48	540 Rents	0.00	0.00
49	Total Operation:	0.00	0.00

## Annual Report of PEABODY MUNICIPAL LIGHT PLANT

Year Ended December 31, 2020

ELECTRIC OPERATION AND MAINTENANCE EXPENSES - Continued			
Line No.	Account (a)	Amount for Year (b)	Increase or (Decrease) from Preceding Year (c)
1	<b>HYDRAULIC POWER GENERATION - Continued</b>		
2	Maintenance:		
3	541 Maintenance supervision and engineering	0.00	0.00
4	542 Maintenance of structures	0.00	0.00
5	543 Maintenance of reservoirs, dams and waterways	0.00	0.00
6	544 Maintenance of electric plant	0.00	0.00
7	545 Maintenance of miscellaneous hydraulic plant	0.00	0.00
8	Total Maintenance	0.00	0.00
9	Total Power Production Expenses - Hydraulic Power	0.00	0.00
10	<b>OTHER POWER GENERATION</b>		0.00
11	Operation		0.00
12	546 Operation supervision and engineering	0.00	0.00
13	547 Fuel	133,435.34	43,006.43
14	548 Generation expenses	363,362.45	-190,232.19
15	549 Miscellaneous other power generation expense	0.00	0.00
16	550 Rents	0.00	0.00
17	Total Operation	496,797.79	-147,225.76
18	Maintenance:		
19	551 Maintenance supervision and engineering	263,434.48	14,586.18
20	552 Maintenance of structures	0.00	0.00
21	553 Maintenance of generating and electric plant	0.00	0.00
22	554 Maintenance of miscellaneous other power generation plant	0.00	0.00
23	Total Maintenance	263,434.48	14,586.18
24	Total Power Production Expenses - Other Power	760,232.27	-132,639.58
25	<b>OTHER POWER SUPPLY EXPENSES</b>		
26	555 Purchased power	34,167,777.70	-2,469,420.36
27	556 System control and load dispatching	0.00	0.00
28	557 Other expenses	569,403.83	62,939.15
29	Total Other Power Supply Expenses	34,737,181.53	-2,406,481.21
30	Total Power Production Expenses	35,497,413.80	-2,539,120.79
31	<b>TRANSMISSION EXPENSES</b>		
32	Operation:		
33	560 Operation supervision and engineering	0.00	0.00
34	561 Load dispatching	0.00	0.00
35	562 Station expenses	0.00	0.00
36	563 Overhead line expenses	0.00	0.00
37	564 Underground line expenses	0.00	0.00
38	565 Transmission of electricity by others	0.00	0.00
39	566 Miscellaneous transmission expenses	0.00	0.00
40	567 Rents	0.00	0.00
41	Total Operation	0.00	0.00
42	Maintenance:		
43	568 Maintenance supervision and engineering	447,736.90	174,886.45
44	569 Maintenance of structures	0.00	0.00
45	570 Maintenance of station equipment	0.00	0.00
46	571 Maintenance of overhead lines	0.00	0.00
47	572 Maintenance of underground lines	0.00	0.00
48	573 Maintenance of miscellaneous transmission plant	0.00	0.00
49	Total maintenance	447,736.90	174,886.45
50	Total transmission expenses	447,736.90	174,886.45

ELECTRIC OPERATION AND MAINTENANCE EXPENSES - Con't			
Line No.	Account (a)	Amount for Year (b)	Increase or (Decrease) from Preceding Year (c)
1	<b>DISTRIBUTION EXPENSES</b>		
2	Operation:		
3	580 Operation supervision and engineering	492,817.20	-96,211.17
	581 Load dispatching	426,625.81	20,577.22
5	582 Station expenses	0.00	0.00
6	583 Overhead line expenses	0.00	0.00
7	584 Underground line expenses	0.00	0.00
8	585 Street lighting and signal system expenses	40,787.82	25,267.48
9	586 Meter expenses	165,524.38	-1,908.81
10	587 Customer installations expenses	0.00	0.00
11	588 Miscellaneous distribution expenses	0.00	0.00
12	589 Rents	0.00	0.00
13	Total Operation	1,125,755.21	-52,275.28
14	Maintenance:		
15	590 Maintenance supervision and engineering	0.00	0.00
16	591 Maintenance of structures	1,091,577.89	-108,227.96
17	592 Maintenance of station equipment	51,947.69	8,698.91
18	593 Maintenance of overhead lines	762,951.63	-145,595.29
19	594 Maintenance of underground lines	0.00	0.00
20	595 Maintenance of line transformers	0.00	0.00
21	596 Maintenance of street lighting and signal systems	0.00	0.00
22	597 Maintenance of meters	0.00	0.00
23	598 Maintenance of miscellaneous distribution plant	0.00	0.00
24	Total Maintenance	1,906,477.21	-245,124.34
25	Total Distribution Expenses	3,032,232.42	-297,399.62
26	<b>CUSTOMER ACCOUNT EXPENSES</b>		
27	Operation:		
28	901 Supervision	0.00	0.00
29	902 Meter reading expenses	63,132.06	-711.44
30	903 Customer records and collection expenses	900,708.54	26,043.35
31	904 Uncollectible accounts	125,689.13	-66,070.92
32	905 Miscellaneous customer accounts expenses	0.00	0.00
33	Total Customer Accounts Expenses	1,089,529.73	-40,739.01
34	<b>SALES EXPENSES</b>		
35	Operation:		
36	911 Supervision	0.00	0.00
37	912 Demonstrating and selling expenses	0.00	0.00
38	913 Advertising expenses	484.57	-1,049.59
39	916 Miscellaneous sales expenses	0.00	0.00
40	Total Sales Expenses	484.57	-1,049.59
41	<b>ADMINISTRATIVE AND GENERAL EXPENSES</b>		
42	Operation:		
43	920 Administrative and general salaries	2,748,433.39	150,288.04
44	921 Office supplies and expenses	348,948.18	-40,799.74
45	922 Administrative expenses transferred - Cr.	0.00	0.00
46	923 Outside services employed	234,876.04	42,615.69
47	924 Property insurance	327,202.53	52,080.94
48	925 Injuries and damages	168,135.75	19,986.00
49	926 Employee pensions and benefits	4,730,967.19	709,081.67
50	927 Franchise requirement	0.00	0.00
51	928 Regulatory commission expenses	0.00	0.00
52	929 Duplicate charges - Cr.	0.00	0.00
53	930 Miscellaneous general expenses	567,743.12	14,367.76
54	931 Rents	0.00	0.00
55	Total Operation	9,126,306.20	947,620.36

## Annual Report of PEABODY MUNICIPAL LIGHT PLANT

Year Ended December 31, 2020

ELECTRIC OPERATION AND MAINTENANCE EXPENSES - CON'T				
Line No.	Account (a)	Amount for Year (b)	Increase or (Decrease) from Preceding Year (c)	
1	ADMINISTRATIVE AND GENERAL EXPENSES - Con't			
2	Maintenance:			
3	932 Maintenance of General Plant	178,249.16		10,923.65
4	Total Administrative and General Expenses	9,304,555.36		958,544.01
5	Total Electric Operation and Maintenance Expenses	49,371,952.78		-1,744,878.55
SUMMARY OF ELECTRIC OPERATION AND MAINTENANCE EXPENSE				
Line No.	Functional Classification (a)	Operation (b)	Maintenance (c)	Total (d)
6	Power Production Expenses			
7	Electric Generation			
8	Steam power			
9	Nuclear power			
10	Hydraulic power			
11	Other power (Gas Turbine)	496,797.79	263,434.48	760,232.27
12	Other power supply expenses	34,737,181.53	0.00	34,737,181.53
13	Total Power Production Expenses	35,233,979.32	263,434.48	35,497,413.80
14	Transmission Expenses	0.00	447,736.90	447,736.90
15	Distribution Expenses	1,125,755.21	1,906,477.21	3,032,232.42
16	Customer Accounts Expenses	1,089,529.73	0.00	49,371,952.78
17	Sales Expenses	484.57	0.00	484.57
18	Administrative and General Expenses	9,126,306.20	178,249.16	9,304,555.36
19	Total Electric Operation and			
20	Maintenance Expenses	46,576,055.03	2,795,897.75	49,371,952.78
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)			102.25%
22	Total salaries and wages of electric department for year, including amounts charged to operating expenses, construction and other accounts			\$6,133,359.04
23	Total number of employees of electric department at end of year including administrative, operating, maintenance and other employees (including part time employees)			79



## Annual Report of PEABODY MUNICIPAL LIGHT PLANT

Year Ended December 31, 2020

Line No.	Kind of Tax (a)	Total Taxes Charged During Year (omit cents) (b)	Distribution of Taxes Charged (omit cents) Show utility department where applicable and account charged						(i)	
			Electric (acct 408,409) (c)	Gas (acct 408,409) (d)	(e)	(f)	(g)	(h)		
1										
2										
3										
4										
5										
6										
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10										
11										
12										
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20										
21										
22										
23										
24										
25										
26										
27										
28	TOTALS									

1. This schedule is intended to give the account distribution of total taxes charged to operations and other final accounts during the year.

2. Do not include gasoline and other sales taxes which have been charged to accounts to which the material on which the tax was levied was charged. If the actual or estimated amounts of such taxes are known, they should be shown as a footnote and designated whether estimated or actual amounts.

3. The aggregate of each kind of tax should be listed under the appropriate heading of "Federal," "State", and Local in such manner that the total tax for each State and for all subdivisions can readily be ascertained.

4. The accounts to which the taxes charged were distributed should be shown in columns (c) to (h). Show both the utility department and number of account charged. For taxes charged to utility plant show the number of the appropriate balance sheet plant account or subaccount.

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

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

## Annual Report of PEABODY MUNICIPAL LIGHT PLANT

Year Ended December 31, 2020

INCOME FROM MERCHANDISE, JOBBING, AND CONTRACT WORK (Account 415)					
Report by utility departments the revenue, costs, expenses, and net income from merchandising, jobbing, and contract work during year.					
Line No.	Item (a)	Electric Department (b)	Gas Department (c)	Other Utility Department (d)	Total (e)
1	Revenues:				
2	Merchandise sales, less discounts,				
3	allowances and returns				
4	Contract work	878,034.91			878,034.91
5	Commissions				
6	Other (list according to major classes)				
7					
8					
9					
10	<b>Total Revenues</b>	<b>878,034.91</b>			<b>878,034.91</b>
11					
12					
13	Costs and Expenses:				
14	Cost of sales (list according to major				
15	classes of cost)				
16					
17	Labor and Materials				
18					
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	<b>TOTAL COSTS AND EXPENSES</b>	<b>0.00</b>			<b>0.00</b>
44	<b>Net Profit (or loss)</b>	<b>878,034.91</b>			<b>878,034.91</b>

## Annual Report of PEABODY MUNICIPAL LIGHT PLANT

Year Ended December 31, 2020

**SALES FOR RESALE (Account 447)**

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

2. Provide subheadings and classify sold 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 (a)	Statistical Classification (b)	Export Across State Line (c)	Point of Delivery (d)	Sub Station (e)	Kw or Kva of Demand		
						Contract Demand (f)	Avg mo. Maximum Demand (g)	Annual Maximum Demand (h)
1	None							
2								
3								
4								
5								
6								
7								
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Annual Report of PEABODY MUNICIPAL LIGHT PLANT

Year Ended December 31, 2020

## 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, 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 amount entered in column (n) such as fuel or other adjustments.

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

Type of Demand Reading (i)	Voltage at Which Delivered (j)	Revenue (Omit Cents)					Revenue per kwh (Cents) (0.0000) (p)	Line No.
		Kilowatt-Hours (k)	Capacity Charges (l)	Energy Charges (m)	Other Charges (n)	Total (o)		
None						0.00		1
								2
								3
								4
								5
								6
								7
								8
								9
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								11
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								29
								30
								31
								32
								33
								34
								35
								36
								37
Totals		0	0.00	0.00	0.00	0.00	0.0000	38

## Annual Report of PEABODY MUNICIPAL LIGHT PLANT

Year Ended December 31, 2019

PURCHASED POWER (Account 555)  
(EXCEPT INTERCHANGE POWER)

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

2. Provide subheadings and classify purchases as to (1) Associated Utilities, (2) Nonassociated Utilities, (3) Associated Nonutilities, (4) Other Nonutilities, (5) Municipalities, (6) R.E.A Cooperatives, and (7) Other Public

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

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

Line No.	Purchased From MMWEC (a)	Statistical Classification (b)	Across State Line (c)	Point of Receipt (d)	Sub Station (e)	Contract Demand (f)	Kw or Kva of Demand	
							Avg mo. Maximum Demand (g)	Annual Maximum Demand (h)
1	New York Power Authority	FP	X	TOWN LINE	RS	3,262		
2	Stonybrook Intermediate	O		TOWN LINE	RS	2,035		
3	Nuclear Mix 1 (Seabrook)	O	X	TOWN LINE	RS	10		
4	Nuclear Mix 1 (Millstone)	O	X	TOWN LINE	RS	98		
5	Nuclear Project 3 (Millstone)	O	X	TOWN LINE	RS	205		
6	Nuclear Project 4 (Seabrook)	O	X	TOWN LINE	RS	419		
7	Nuclear Project 5 (Seabrook)	O	X	TOWN LINE	RS	36		
8	Project 6 (Seabrook)	O	X	TOWN LINE	RS	511		
9	Transmission Charges							
10	Hydro Quebec	O	X	TOWN LINE	RS			
11	ISO OATT	O		TOWN LINE	RS			
12	National Grid LNS Settlement	O		TOWN LINE	RS			
13	Eversource GSRP	O		TOWN LINE	RS			
14	System Power	O		TOWN LINE	RS			
15	Berkshire Wind Power Cooperative PHI	O		TOWN LINE	RS			
16	Eagle Creek	O	X	TOWN LINE	RS	2,500		
17	Hancock Wind	O		TOWN LINE	RS	6,458		
18	Berkshire Wind Power Cooperative PHII	O		TOWN LINE	RS			
19	Rousselot	DP		23kV System	RS			
20	Solar Net Metering Purchases	O		23kV System	RS			
21	Solar PPA Purchases	O		23kV System	RS			
22								
23								
24								
25								
26	** Includes transmission and administrative charges.							
27								

## Annual Report of PEABODY MUNICIPAL LIGHT PLANT

Year Ended December 31, 2019

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 minute integrated).

6. The number of kilowatt hours purchased should be the quantities shown by the power bills.

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

Type of Demand Reading (i)	Voltage at Which Delivered (j)	Kilowatt-Hours (k)	Cost of Energy (Omit Cents)				KWH (CENTS) (0.0000) (p)	Line No.
			Capacity Charges (l)	Energy Charges (m)	Other Charges (n) **	Total (o)		
60 MINUTES	115 kv	25,559,327	156,451	125,752	246,273	528,476	\$0.0207	1
60 MINUTES	115 kv	12,405,335	1,721,659	223,165	52,418	1,997,242	\$0.1610	2
60 MINUTES	115 kv	1,824,331	44,368	8,795	124	53,287	\$0.0292	3
60 MINUTES	115 kv	16,435,737	553,159	102,937	18,920	675,016	\$0.0411	4
60 MINUTES	115 kv	10,357,963	350,855	64,872	11,924	427,651	\$0.0413	5
60 MINUTES	115 kv	8,548,632	208,689	41,215	580	250,484	\$0.0293	6
60 MINUTES	115 kv	4,518,782	112,168	21,786	307	134,261	\$0.0297	7
60 MINUTES	115 kv	96,577,618	2,391,305	465,621	6,554	2,863,480	\$0.0296	8
								9
60 MINUTES	115 kv				159,417	159,417	N/A	10
60 MINUTES	115 kv				9,248,600	9,248,600	N/A	11
60 MINUTES	115 kv				(146,766)	(146,766)	N/A	12
60 MINUTES	115 kv				8,679	8,679	N/A	13
60 MINUTES	115 kv	194,837,200	1,162,500	8,122,302		9,284,802	\$0.0477	14
60 MINUTES	115 kv	7,235,530	1,079,953			1,180,332	\$0.1671	15
60 MINUTES	115 kv	7,009,431		376,056	2,065	378,121	\$0.0514	16
60 MINUTES	115 kv	16,863,731		919,678	2,120	921,798	\$0.0544	17
60 MINUTES	115 kv	3,524,400	228,266			228,266	\$0.0588	18
60 MINUTES	23 kV	222,400			13,155	13,155	\$0.0590	19
60 MINUTES	23 kV	131,900			2,782	2,485	\$0.0277	20
60 MINUTES	23 kV	677,440			37,259	37,259	\$0.0550	21
								22
								23
								24
								25
								26
	TOTALS	406,729,757	8,009,373.00	10,472,179.00	9,664,411.00	28,246,045.00		30

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.			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, and			coordination, or other such arrangement, submit a copy of the annual summary of transactions and billings among the parties to the agreement. If the amount of settlement reported in this schedule for any transaction does not represent all of the charges and credits covered by the agreement, furnish in a footnote a description of the other debits and credits and state the amounts and accounts in which such other amounts are included for the year.		
A. Summary of Interchange According to Companies and Points of Interchange								
Line No.	Name of Company (a)	Inter-change Across State Lines (b)	Point of Interchange (c)	Voltage at Which Inter-changed (d)	Received (a)	Kilowatt -hours		Amount of Settlement (h)
						Delivered (f)	Net Difference (g)	
1	NEPEX		PEABODY, MA	115 kv	469,363,721	437,305,353	32,058,368	6,799,276
2								
3								
4								
5								
6								
7								
8				TOTALS	469,363,721	437,305,353	32,058,368	6,799,276
B. Details of Settlement for Interchange Power								
Line No.	Name of Company (i)	Explanation (j)		Amount (k)				
9	NEPEX	INTERCHANGE EXPENSE		6,109,445				
10		NEPOOL EXPENSE		689,831				
11								
12								
13			TOTAL	6,799,276				

## Annual Report of PEABODY MUNICIPAL LIGHT PLANT

Year Ended December 31, 2020

**ELECTRIC ENERGY ACCOUNT**

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

Line No.	Item (a)	Kilowatt-hours (b)
1	<b>SOURCES OF ENERGY</b>	
2	Generation (excluding station use)	
3	Steam	
4	Nuclear	
5	Hydro	
6	Other...Gas Turbine	3,545,800
7	Total Generation	3,545,800
8	Purchases	406,729,757
9	In (gross)	*****
10	Interchanges Out (gross)	*****
11	Net (kwh)	32,058,370
12	Received	*****
13	Transmission for/by others (wheeling) Delivered	*****
14	Net Transmission Gains (kwh)	29,945,110
15	<b>TOTAL</b>	<b>472,279,037</b>
16	<b>DISPOSITION OF ENERGY</b>	
17	Sales to Ultimate Consumers(including interdepartmental sales)	465,756,212
18	Sales for resale	
19	Energy Furnished without charge	13,611
20	Energy used by company (excluding station use):	1,513,971
21	Electric Department only (adjustment to prior year accrued sales based on new reporting system)	
22	Energy Losses:	
23	Transmission & conversion losses	0
24	Distribution losses	
25	Unaccounted for losses	4,995,243
26	Total Energy losses	4,995,243
27	Energy losses as percent of total on line 15	1.06 %
28	<b>TOTAL</b>	<b>472,279,037</b>

**MONTHLY PEAKS & OUTPUT**

MONTHLY PEAK							Monthly Output
Line No	Month (a)	Kilowatts (b)	Day of week (c)	Day of Month (d)	Hour (e)	Type of Reading (f)	(kwh) (see instr.4) (g)
29	January	60,351	M	6	19	60 minute	36,022,009
30	February	73,082	F	14	20	60 minute	39,436,237
31	March	61,130	Su	1	20	60 minute	37,206,043
32	April	55,312	F	3	13	60 minute	32,428,755
33	May	77,929	W	27	17	60 minute	33,417,509
34	June	101,332	Tu	23	17	60 minute	42,414,665
35	July	115,745	Tu	28	15	60 minute	52,602,485
36	August	114,099	Tu	11	16	60 minute	48,570,514
37	September	88,730	Th	10	16	60 minute	39,476,982
38	October	65,080	F	30	13	60 minute	36,450,699
39	November	62,581	W	18	19	60 minute	33,397,125
40	December	74,125	Tu	29	19	60 minute	40,856,014
41							472,279,037



## Annual Report of PEABODY MUNICIPAL LIGHT PLANT

Year Ended December 31, 2020

GENERATING STATION STATISTICS (LARGE STATIONS)				
Line No.	ITEM (a)	PLANT (b)	PLANT (c)	PLANT (d)
1	Kind of plant (steam, hydro, int.comb.,gas turbine)	Gas Turbine		
2	Type of plant construction (conventional, outdoor boiler, full outdoo, etc.)	Conventional		
3	Year originally constructed	1971		
4	Year last unit installed	1991		
5	Total installed capacity (maximum generator name plate ratings in kw)	65,900		
6	Net peak demand on plant-kilowatts (60 min)	8,760		
7	Plant hours connected to load			
8	Net continuous plant capability, kilowatts:			
9	(a) when not limited by condenser water			
10	(b) when limited by condenser water			
11	Average number of employees	5		
12	Net generation, exclusive of station use	3,545,800		
13	Cost of plant (omit cents):			
14	Land and land rights	177,260		
15	Structures and improvements			
16	Reservoirs, dams and waterways			
17	Equipment costs	25,482,984		
18	Roads, railroads and bridges	0		
19	Total cost	25,660,244		
20	Cost per kw of installed capacity	389.382		
21	Production Expenses:			
22	Operation supervision and engineering	0		
23	Station labor	137,821		
24	Fuel	133,435		
25	Supplies & expenses, including water	225,542		
26	Maintenance	0		
27	Rents	0		
28	Steam from other sources	0		
29	Steam transferred-credit	0		
30	Total production expenses	496,798		
31	Expenses per net Kwh (5 places)	0.14011		
32	Fuel: Kind	Low Sulfur Diesel	Natural Gas	
33	Unit (coal-tons of 2,000 lb) (oil-barrels of 42 gals.) Gas-Mcu. ft.) (Nuclear, indicate)	BBLS	MCF	
34	Quantity (units) fuel consumed	1,621	31,944	
35	Average heat content of fuel (B.T.U. per lb. of coal, per gal. of oil, or per cu. ft. of gas)	138,691	1.030	
36	Average cost of fuel per unit, del f.o.b. plant		1.820	
37	Average cost of fuel per unit consumed	61.990	2.343	
38	Average cost of fuel consumed per million B.T.U.	10.640	1.767	
39	Average cost of fuel consumed per kwh net gen.	0.119	0.028	
40	Average B.T.U. per kwh net generation	11,211	12,165	
41				
42				

Annual Report of PEABODY MUNICIPAL LIGHT PLANT

Year Ended December 31, 2020

COMBUSTION ENGINE AND OTHER GENERATING STATIONS (except nuclear stations)							
Line No.	Name of Station (a)	Location of Station (b)	Diesel or other type Engine (c)	MOVERS			
				Name of Maker (d)	Year installed (e)	2 or 4 Cycle (f)	Belted or Direct Connected (g)
1	Waters River I	58R Pulaski St	Gas Turbine	Turbo Power	1971		Direct
2							
3	Waters River II	58R Pulaski St	Gas Turbine	General Electric	1991		Direct
4							
5							
6							
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[illegible]

## TRANSMISSION LINE STATISTICS

## Report informati

Line No.	Disignation		Operating Voltage	Type of Supporting Structure	Length (Pole Miles)		Number of Circuits	Size of Conductor Material
	From (a)	To (b)			On Structures Line Designated (e)	On Structures Another Line (f)		
1	NEP B-154S Line	Waters River	115,000	Wood Poles	0.05	---	1	795 MCM Aluminum
2		Substation						
3								
4	NEP C-155S Line	Waters River	115,000	Wood Poles	0.05	---	1	795 MCM Aluminum
5		Substation						
6								
7	NEP B-154N Line	Ipswich River	115,000	Steel Poles	0.10	---	1	795 MCM Aluminum
8		Substation						
9								
10	NEP C-155N Line	Ipswich River	115,000	Steel Poles	0.10	---	1	795 MCM Aluminum
11		Substation						
12								
13	NEP S-145 Line	Bartholomew St.	115,000	Wood Poles	0.10	---	1	795 MCM Aluminum
14		Substation						
15								
16	NEP T-146 Line	Bartholomew St.	115,000	Wood Poles	0.10	---	1	795 MCM Aluminum
17		Substation						
18								
19								
20								
21								
22								
23								
24								
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26								
27								
28								
29								
30								
31								
32								
33								
34								
35								
36				Totals	0.50			

\*Where other than 60 cycle, 3 phase, so indicate.

SUBSTATIONS											
Line No.	Name & Location of Substation (a)	Character of Substation (b)	Primary (c)	Voltage Secondary (d)	Tertiary (e)	Capacity of Substation in KVA In Service (f)	Number of trans-formers In Service (g)	Number of spare Trans-formers (h)	Conversion Special	Apparatus Equipment	And
									Type of Equipment (i)	Number of Units (j)	
1	Frog Island (P)	"	23,000	5,000		10,000	1	0			
2	Waters River (P)	"	115,000	23,000		83,200	2	1			
3	Ipswich River (P)	"	115,000	23,000		110,000	2	0			
4	Bartholomew St (P)	"	115,000	23,000		100,000	2	0			
5											
6											
7											
8											
9											
10											
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12											
13											
14											
15											
16											
17											
18											
19											
20											
21											
22											
23											
24	(P)=Peabody										
25											
26											
27											
28				TOTALS		303,200	7	1			

OVERHEAD DISTRIBUTION LINES OPERATED						
Line No.		Length (Pole Miles)				
		Wood Poles	Steel Towers	Total		
1	Miles - Beginning of year	255.75	0.25	256.00		
2	Added during year	0.00	0.00	0.00		
3	Retired during year	0.00	0.00	0.00		
4	Miles - End of year	255.75	0.25	256.00		
5	Distirbution system characteristics - A.C. or D.C. , phase, cycles and operating voltages for Light & Power 4,160V Primary AC 23,000V Primary AC 120/240 - 208/277/480V Secondary AC 60 Cycle					
6						
7						
8						
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15						
ELECTRIC DISTRIBUTION SERVICES, METERS AND LINE TRANSFORMERS						
Line No.	Item	Electric Services	Number of Watt-hour Meters	Line Transformers		
				Number	Total Capacity (kva)	
16	Number at beginning of year	22,693	26,196	4,255	402,359.50	
17	Additions during year:					
18	Purchased		490	43	2,474.50	
19	Installed <i>in field</i>	138	233	-8	-2,627.50	
20	Associated with utility plant acquired					
21	Total additions <i>meters</i>	138	490	43	2,474.50	
22	Reductions during year					
23	Retirements		24	39	4,430.00	
24	Associated with utility plant sold					
25	Total Reductions	0	24	39	4,430.00	
26	Number at End of Year	22,831	26,710	4,259	400,404.00	
27	In Stock		540	333	37,698.50	
28	Locked meters on customers premises					
29	Inactive transformers on system					
30	In customers' use (Excludes K Lights)		26,138			
31	In company's use		32	3,926	362,705.50	
32	Number at End of Year		26,710	4,259	400,404.00	

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 (a)	Miles of Conduit Bank (All sizes & types) (b)	Underground		Cable	
			Miles (c)	Operating Voltage (d)	Submarine Feet (e)	Operating Voltage (f)
1	Peabody Underground Distribution System	16.1	33.2	23 KV		
2	Lynnfield Underground Distribution System	3.7	6.4	23 KV		
3						
4						
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26						
27						
28						
29						
30	TOTALS					

\*Indicate number of conduits per cable.

STREET LAMPS CONNECTED TO SYSTEM												
Line No.	City or Town (a)	Total (b)	TYPE									
			INCANDESCENT		MERCURY VAPOR		METAL-HALIDE		HP SODIUM		LED	
			Municipal (c)	Other (d)	Municipal (e)	Other (f)	Municipal (g)	Other (h)	Municipal (i)	Other (j)	Municipal (k)	Other (l)
1	Peabody	6,031				289	4	54	78	804	4,826	
2	Lynnfield	622				52		2	13	104	451	
3	Peabody - Other	349	349									
4	Lynnfield - Other	8		5						3		
5												
6												
7												
8												
9												
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48	TOTALS	7,010	349	5	0	341	4	56	91	911	5,277	0



Annual Report of PEABODY MUNICIPAL LIGHT PLANT

Year Ended December 31, 2020

## 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 operation.

Date Effective	MDPU Number	Rate Schedule	Estimated Effect on		Annual Revenue
			Increase	Decrease	
No Changes for 2020					

Peabody Municipal Light Plant  
201 Warren Street Extension  
Peabody, Massachusetts 01960

M.D.P.U. #170  
Cancels  
M.D.T.E. #157

PEABODY MUNICIPAL LIGHT PLANT  
Recreational Lighting Service

Designation:	A
Applicable In:	Peabody and South Lynnfield
Available To:	Service hereunder is available where three phase power is required for the illumination of recreational facilities during non-daylight hours
Rate (Monthly):	Demand Charge:  No charge for demand.  Energy Charge:  \$0.2076 per KWH for first 400 KWH per month \$0.1604 per KWH for all excess KWH per month
Minimum Charge:	Minimum charge shall be \$28.00 per month.
Prompt Payment Discount:	Twenty percent (20%) discount will be allowed on the above rate if payment is received within fifteen (15) days after the bill is rendered. The bill is considered as being rendered fifteen (15) days prior to the discount date. Discount will not be allowed when arrears are due.
Bills Due:	Bills are due when rendered and are considered to be in arrears if not completely paid within thirty (30) days after the date billed.
Purchased Power & Fuel Cost Adjustment:	Energy charges shall be adjusted as provided in the separately filed rate titled: Purchased Power and Fuel Cost Adjustment for A, E, K, M, Q, R, & U Rate Customers. The Prompt Payment Discount shall not be applicable to this Adjustment.
Power Factor:	Customer is required to maintain at least 95% power factor; if the customer fails to maintain at least 95% power factor, the customer will be required to install corrective measures within three (3) months after notification.

**Service Interruption:** Service hereunder is not intended for seasonal or periodically interrupted use. If service is temporarily disconnected at Customer's request, or for the non-payment of arrears, Customer will be charged disconnection and reconnection fees as established in the Rules and Regulations of the Peabody Municipal Light Plant. Permanent disconnection may be requested by Customer with six months notice.

**Term of Contract:** Contract for service hereunder shall be for a period of not less than one (1) year.

**General Terms and Conditions:** All the Rules and Regulations of the Peabody Municipal Light Plant shall be applicable to service hereunder.

**Effective:** May 1, 2010 Billing

**Date Issued:** April 21, 2010

**FILED BY:**

Peabody Municipal Lighting Commission

Peabody Municipal Light Plant  
201 Warren Street Extension  
Peabody, Massachusetts 01960

M.D.P.U. #171  
Cancels  
M.D.T.E. #158

PEABODY MUNICIPAL LIGHT PLANT  
Residential Rate for State-Aided Housing for the Elderly

Designation:	E
Applicable In:	Peabody and South Lynnfield.
Available To:	Service is available hereunder only to residential consisting entirely of state-aided housing the elderly where all service is taken through meter and is used entirely for residential.
Rate (Monthly):	\$0.1549 per KWH for all KWH used per month.
Minimum Rate:	\$200.00 per month.
Prompt Payment Discount:	Twenty percent (20%) discount will be allowed on the rates, if payment is received within fifteen (15) days after the bill is rendered. The bill is as being rendered fifteen (15) days prior to the discount date. Discount will not be allowed when arrears are due.
Bills Due:	Bills are due when rendered and are considered to be in arrears if not completely paid within thirty (30) days after the date billed.
Purchased Power and Fuel Cost Adjustment:	Energy charges shall be adjusted as provided in the separately filed rate titled: Purchased Power and Cost Adjustment. The Prompt Payment Discount clause shall not be applicable to this Adjustment.
Service Interruption:	Service hereunder is not intended for seasonal or periodically interrupted use. If service is temporarily disconnected at Customer's request, or for the non-payment of arrears, Customer will be charged disconnection and reconnection fees as established in the Rules and Regulations of the Peabody Municipal Light Plant. Permanent disconnection may be requested by Customer with six months notice.

General Terms and  
Conditions:

All of the Rules and Regulations of the Peabody  
Municipal Light Plant shall be applicable to service  
hereunder.

Effective:

May 1, 2010 Billing.

Date Issued:

April 21, 2010

FILED BY:

Peabody Municipal Lighting Commission

Peabody Municipal Light Plant  
201 Warren Street Extension  
Peabody, Massachusetts 01960

M.D.P.U. #172  
Cancels  
M.D.T.E. #159

PEABODY MUNICIPAL LIGHT PLANT  
Agriculture or Farming

Designation: F

Applicable In: Peabody and South Lynnfield

Available To: Service hereunder is available for any agriculture or farming purpose requiring three phase power for lighting, power and general use, where all service is taken through one meter, and where the customer is certified eligible for the Farm Energy Discount Program by the Massachusetts Department of Food and Agriculture.

Customer Account Sub-classes: For recordkeeping purposes, the customer accounts served hereunder are divided into four (4) sub-classes, as follows:

- F-1 With secondary metering and with transformer(s) furnished by PMLP.
- F-2 With primary metering and with transformer(s) furnished by PMLP.
- F-3 With secondary metering and with transformer(s) furnished by customer.
- F-4 With primary metering and with transformer(s) furnished by customer.

Rate (Monthly): Demand Charge:

No charge for the first 10 KW of demand per month.  
\$15.13 per KW for the next 790 KW of demand per month.  
\$13.78 per KW for all excess demand per month.

Energy Charge:

\$0.1782 per KWH for first 500 KWH per month  
\$0.1377 per KWH for next 2500 KWH per month  
\$0.0941 per KWH for all excess KWH per month

Minimum Charge: Minimum charge shall be \$25.20 per month.

Transformer Ownership Allowance:	Customers requiring nominal transformer capacities of 500 KVA or more will be required to furnish their own transforming and protective equipment, including mats and/or vaults, primary and secondary cables, conduits, etc., which must comply with the specifications of the PMLP. The following credit will apply when the above is complied with:  \$0.30 per KW of demand per month
Primary Metering Allowance:	The PMLP may at its option meter at the customer's utilization voltage or on the high voltage side of the transformers through which service is furnished. In the latter case, or if the customer utilization voltage requires no transformation, a credit of 1.0 percent will be allowed on the demand and energy charges net of transformer ownership allowance; but in no case will such credit be allowed if the metering voltage is less than 2400 volts.
Prompt Payment Discount:	Twenty percent (20%) discount will be allowed on the above rate net of transformer ownership and primary metering credits if payment is received within fifteen (15) days after the bill is rendered. The bill is considered as being rendered fifteen (15) days prior to the discount date. Discount will not be allowed when arrears are due.
Bills Due:	Bills are due when rendered and are considered to be in arrears if not completely paid within thirty (30) days after the date billed.
Purchased Power & Fuel Cost Adjustment:	Energy charges shall be adjusted as provided in the separately filed rate titled: Purchased Power and Fuel Cost Adjustment for F, P, & T Rate Customers. The Prompt Payment Discount shall not be applicable to this Adjustment.
Demand:	The demand shall be the highest fifteen (15) minute integrated measured demand as recorded on a proper instrument during the month.

Power Factor:	Customer is required to maintain at least 95% power factor; if the customer fails to maintain at least 95% power factor, the customer will be required to install corrective measures within three (3) months after notification or be billed on a KVA demand basis.
Service Interruption:	Service hereunder is not intended for seasonal or periodically interrupted use. If service is temporarily disconnected at Customer's request, or for the non-payment of arrears, Customer will be charged disconnection and reconnection fees as established in the Rules and Regulations of the Peabody Municipal Light Plant. Permanent disconnection may be requested by Customer with six months notice.
Term of Contract:	Contract for service hereunder shall be for a period of not less than one (1) year.
General Terms and Conditions:	All the Rules and Regulations of the Peabody Municipal Light Plant shall be applicable to service hereunder.
Effective:	May 1, 2010 Billing.
Date Issued:	April 26, 2010.
	FILED BY:
	Peabody Municipal Lighting Commission



Peabody Municipal Light Plant  
201 Warren Street Extension  
Peabody, Massachusetts 01960

M.D.P.U. #173  
Cancels  
M.D.T.E.. #160

PEABODY MUNICIPAL LIGHT PLANT  
Public and Private Area Lighting Service  
and  
Public Street Lighting Service

Designation: K

Applicable In Peabody and South Lynnfield

Available To: Any private customer and the Municipality of South Lynnfield for area lighting or public street lighting, on a standard 4175 hour schedule.

Rate (Monthly): For each lamp, including fixture, maintenance, and basic energy charges per month:

Mercury Lamps	Monthly Rate	Standard KWH
100 Watt	\$8.07	40
175 Watt	12.34	66
250 Watt	17.98	97
400 Watt	28.08	158
1000 Watt	69.54	376

Sodium Lamps	Monthly Rate	Standard KWH
70 Watt	6.18	28
100 Watt	8.62	40
150 Watt	11.45	57
250 Watt	20.87	111
400 Watt	29.88	165

Metal Halide Lamps	Monthly Rate	Standard KWH
250 Watt	21.75	107
400 Watt	33.13	163

Installation Charge: A one-time installation fee of \$65.00 will be charged for each fixture.

Pole Charge:	When extra poles are required specifically for street or area lighting, there will be a one-time installation charge of \$195.00 per pole, including up to 150 feet of overhead secondary wire; and a monthly maintenance charge of \$2.50 per pole. This applies to all poles installed or replaced after April 1, 1980.  Poles shall remain the property of the PMLP. Monthly pole charge will terminate when the pole is used by PMLP for any other purpose.
Connection Charge:	A one-time fee of \$35.00 will be charged for the connection of an existing fixture.
Relocation Charge:	A one-time relocation fee of \$35.00 will be charged for the relocation of each fixture when the relocation is requested by the customer.
Change of Fixture:	A one-time fee of \$35.00 will be charged for the changing of each fixture to a different type or wattage fixture when this change is requested by the customer.
Prompt Payment Discount:	Twenty percent (20%) discount will be allowed on the above rates, if payment is received within fifteen (15) days after the bill is rendered. The bill is considered as being rendered fifteen (15) days prior to the discount date. Discount will not be allowed when arrears are due.
Bills Due:	Bills are due when rendered and are considered to be in arrears if not completely paid within thirty (30) Days after the date billed.
Purchased Power and Fuel Cost Adjustment:	Energy charges shall be adjusted as provided in the separately filed rate titled: Purchased Power and Fuel Cost Adjustment. The Prompt Payment Discount shall not be applicable to this adjustment.
Service Interruptions:	Service hereunder is not intended for seasonal or periodically interrupted use. If service is temporarily disconnected at Customer's request or for the non-payment of arrears, Customer will be charged disconnection and reconnection fees as established in the Rules and Regulations of the Peabody Municipal Light Plant.

General Terms and Conditions: All the Rules and Regulations of the Peabody Municipal Light Plant shall be applicable to service hereunder.

Effective: May 1, 2010 Billing.

Date Issued: April 21, 2010.

FILED BY:

Peabody Municipal Lighting Commission

Peabody Municipal Light Plant  
201 Warren Street Extension  
Peabody, Massachusetts 01960

M.D.P.U. #174  
Cancels  
M.D.T.E.. #161

PEABODY MUNICIPAL LIGHT PLANT  
Municipal Building Heating Service

Designation:	M
Applicable In:	Peabody and South Lynnfield
Available To:	Service under this rate is available for space heating in Municipal buildings and churches where the customer has permanently installed electric space heating equipment as the primary source of comfort heating. Such heating load shall be controlled as to time of use at the option of the Peabody Municipal Light Plant. Other uses of the customer will be included in this rate if such uses are metered together with the space heating use. Service under this rate shall be metered at 2400 volts or greater.
Rate: (Monthly)	Demand Charge:  \$250.00 minimum per month OR the following, whichever is greater: \$ 3.88 per KW  Energy Charge:  \$0.1433 per KWH for all KWH used per month.
Transformer Ownership Allowance:	Customer requiring a nominal transformer capacity of 500 KVA or more will be required to furnish their own transforming and protective equipment, including a mat and/or vault, primary and secondary cables, conduits, etc., which must comply with the specifications of the PMLP. The following credit will apply when the above is complied with:  \$0.30 per KW of demand per month

Minimum Rate:	Minimum rate shall be the minimum demand charge, plus energy, if any, per month.
Prompt Payment Discount:	Twenty percent (20%) discount will be allowed on the above rate net of transformer ownership and primary metering credits if payment is received within fifteen (15) days after the bill is rendered. The bill is considered as being rendered fifteen (15) days prior to the discount date. Discount will not be allowed when arrears are due.
Bills Due:	Bills are due when rendered and are considered to be in arrears if not completely paid within thirty (30) days after the date billed.
Demand:	The demand shall be the highest fifteen (15) minute integrated measured demand as recorded on a proper instrument during the month but not less than 80% of the highest demand during the preceding eleven (11) months.
Power Factor:	Customer is required to maintain at least 95% power factor; if the customer fails to maintain at least 95% power factor, the customer will be required to install corrective measures within three (3) months after notification or be billed on a KVA demand basis.
Purchased Power and Fuel Cost Adjustment:	Energy charges shall be adjusted as provided in the separately filed rate titled: Purchased Power and Fuel Cost Adjustment. The Prompt Payment Discount shall not be applicable to this adjustment.
Service Interruptions:	Service hereunder is not intended for seasonal or periodically interrupted use. If service is temporarily disconnected at Customer's request, or for the non-payment of arrears, Customer will be charged disconnection and reconnection fees as established in the Rules and Regulations of the Peabody Municipal Light Plant. Permanent disconnection may be requested by Customer with six months notice.
Terms of Contract:	Contract for service hereunder shall be for a period of not less than one (1) year.

General Terms  
and Conditions:

All of the Rules and Regulations of the Peabody  
Municipal Light Plant shall be applicable to service  
hereunder.

Effective:

May 1, 2010 Billing.

Date Issued:

April 21, 2010.

FILED BY:

Peabody Municipal Lighting Commission

Peabody Municipal Light Plant  
201 Warren Street Extension  
Peabody, Massachusetts 01960

M.D.P.U. #175  
Cancels  
M.D.T.E. #162

PEABODY MUNICIPAL LIGHT PLANT  
Commercial Power Service

Designation: P

Applicable In: Peabody and South Lynnfield

Available To: Service hereunder is available for any Commercial purpose requiring three phase power for lighting, power and general use, where all service is taken through one meter.

Customer Account Sub-classes: For recordkeeping purposes, the customer accounts served hereunder are divided into four (4) sub-classes, as follows:

P-1 With secondary metering and with transformer(s) furnished by PMLP.

P-2 With primary metering and with transformer(s) furnished by PMLP.

P-3 With secondary metering and with transformer(s) furnished by customer.

P-4 With primary metering and with transformer(s) furnished by customer.

Rate (Monthly): **Demand Charge:**

No charge for the first 10 KW of demand per month.  
\$16.81 per KW for the next 790 KW of demand per month.  
\$15.31 per KW for all excess demand per month.

**Energy Charge:**

\$0.1980 per KWH for first 500 KWH per month  
\$0.1530 per KWH for next 2500 KWH per month  
\$0.1045 per KWH for all excess KWH per month

Minimum Charge: Minimum charge shall be \$28.00 per month.

Transformer Ownership Allowance:	<p>Customers requiring nominal transformer capacities of 500 KVA or more will be required to furnish their own transforming and protective equipment, including mats and/or vaults, primary and secondary cables, conduits, etc., which must comply with the specifications of the PMLP. The following credit will apply when the above is complied with:</p> <p>\$0.30 per KW of demand per month</p>
Primary Metering Allowance:	<p>The PMLP may at its option meter at the customer's utilization voltage or on the high voltage side of the transformers through which service is furnished. In the latter case, or if the customer utilization voltage requires no transformation, a credit of 1.0 percent will be allowed on the demand and energy charges net of transformer ownership allowance; but in no case will such credit be allowed if the metering voltage is less than 2400 volts.</p>
Prompt Payment Discount:	<p>Twenty percent (20%) discount will be allowed on the above rate net of transformer ownership and primary metering credits if payment is received within fifteen (15) days after the bill is rendered. The bill is considered as being rendered fifteen (15) days prior to the discount date. Discount will not be allowed when arrears are due.</p>
Bills Due:	<p>Bills are due when rendered and are considered to be in arrears if not completely paid within thirty (30) days after the date billed.</p>
Purchased Power & Fuel Cost Adjustment:	<p>Energy charges shall be adjusted as provided in the separately filed rate titled: Purchased Power and Fuel Cost Adjustment for F, P &amp; T Rate Customers. The Prompt Payment Discount shall not be applicable to this Adjustment.</p>
Demand:	<p>The demand shall be the highest fifteen (15) minute integrated measured demand as recorded on a proper instrument during the month.</p>



Power Factor: Customer is required to maintain at least 95% power factor; if the customer fails to maintain at least 95% power factor, the customer will be required to install corrective measures within three (3) months after notification or be billed on a KVA demand basis.

Service Interruption: Service hereunder is not intended for seasonal or periodically interrupted use. If service is temporarily disconnected at Customer's request, or for the non-payment of arrears, Customer will be charged disconnection and reconnection fees as established in the Rules and Regulations of the Peabody Municipal Light Plant. Permanent disconnection may be requested by Customer with six months notice.

Term of Contract: Contract for service hereunder shall be for a period of not less than one (1) year.

General Terms and Conditions: All the Rules and Regulations of the Peabody Municipal Light Plant shall be applicable to service hereunder.

Effective: May 1, 2010 Billing.

Date Issued: April 26, 2010.

FILED BY:

Peabody Municipal Lighting Commission

Peabody Municipal Light Plant  
201 Warren Street Extension  
Peabody, Massachusetts 01960

M.D.P.U. #176  
Cancels  
M.D.T.E. #163

PEABODY MUNICIPAL LIGHT PLANT  
Commercial Lighting Service

Designation:	Q
Applicable in:	Peabody and South Lynnfield.
Available to:	Service hereunder is available for any commercial purpose requiring single phase power for lighting, power, and general use.
Customer Account Sub-classes:	For recordkeeping purposes, the customer accounts served hereunder are divided into two (2) sub-classes, as follows:  Q-1 Non-eligible for the Farm Energy Credit Program. Q-2 Eligible for the Farm Energy Credit Program.
Rate (Monthly):	\$0.2076 per KWH for first 400 KWH per month \$0.1604 per KWH for all excess KWH per month
Minimum Rate:	\$15.00 per month.
Farm or Agriculture Credit	Ten percent (10%) credit will be allowed on the above rates if the customer is certified eligible for the Farm Energy Credit Program by the Massachusetts Department of Food and Agriculture.
Prompt Payment Discount:	Twenty percent (20%) discount will be allowed on the above rates, if payment is received within fifteen (15) days after the bill is rendered. The bill is considered as being rendered fifteen (15) days prior to the discount date. Discount will not be allowed when arrears are due.

**Bills Due:** Bills are due when rendered and are considered to be in arrears if not completely paid within thirty (30) days after the date billed

**Purchased Power & Fuel Cost Adjustment:** Energy charges shall be adjusted as provided in the separately filed rate titled: Purchased Power and Fuel Cost Adjustment. The Prompt Payment Discount shall not be applicable to this adjustment.

**Service Interruptions:** Service hereunder is not intended for seasonal or periodically interrupted use. If service is temporarily disconnected at Customer's request or for the non-payment of arrears, Customer will be charged disconnection and reconnection fees as established in the Rules and Regulations of the Peabody Municipal Light Plant. Permanent disconnection may be requested by Customer with six months notice.

**Term of Contract:** Contract for service hereunder shall be for a period of not less than one (1) year.

**General Terms and Conditions:** All the Rules and Regulations of the Peabody Municipal Light Plant shall be applicable to service hereunder.

**Effective:** May 1, 2010 Billing.

**Date Issued:** April 21, 2010.

**FILED BY:**

Peabody Municipal Lighting Commission

Peabody Municipal Light Plant  
201 Warren Street Extension  
Peabody, Massachusetts 01960

M.D.P.U. #177  
Cancels  
M.D.T.E. #164

PEABODY MUNICIPAL LIGHT PLANT  
Residential Service

Designation:	R
Applicable In:	Peabody and South Lynnfield
Available To:	Service hereunder is available for any residential purpose in single private dwellings or apartments. This rate is not applicable to any residential service which is also used for commercial purposes.
Rate: (Monthly)	\$0.1660 per KWH for first 100 KWH per month. \$0.1451 per KWH for all excess KWH per month.
Minimum Rate:	\$6.00 per month.
Prompt Payment Discount:	Twenty percent (20%) discount will be allowed on the above rates, if payment is received within fifteen (15) days after the bill is rendered. The bill is considered as being rendered fifteen (15) days prior to the discount date. Discount will not be allowed when arrears are due.
Bills Due:	Bills are due when rendered and considered to be in arrears if not completely paid within thirty (30) days after the date billed.
Purchased Power and Fuel Cost Adjustment:	Energy charges shall be adjusted as provided in the separately filed rate titled: Purchased Power and Fuel Cost Adjustment. The Prompt Payment Discount shall not be applicable to this Adjustment.
Service Interruptions:	Service hereunder is not intended for seasonal or periodically interrupted use. If service is temporarily disconnected at Customer's request or for the non-payment of arrears, Customer will be charged disconnection and reconnection fees as established in the Rules and Regulations of the Peabody Municipal Light Plant.

Term of Contract: Contract for service hereunder shall be for a period of not less than one (1) year.

General Terms and Conditions: All the Rules and Regulations of the Peabody Municipal Light Plant shall be applicable to service hereunder.

Effective: May 1, 2010 Billing.

Date Issued: April 21, 2010.

FILED BY:

Peabody Municipal Lighting Commission

Peabody Municipal Light Plant  
201 Warren Street Extension  
Peabody, Massachusetts 01960

M.D.P.U. #178  
Cancels  
M.D.T.E. #165

Peabody Municipal Light Plant  
Optional Seasonal Time-of-Use Service

Designation: T

Applicable In: Peabody and South Lynnfield

Available To: Service hereunder is available for any commercial purpose requiring three phase power for lighting, power and general use, and where all service is taken through one meter.

Customer Account Sub-Classes: For recordkeeping purposes, the customer accounts served hereunder are divided into four (4) sub-classes as follows:

- T-1 With secondary metering and with transformer(s) furnished by PMLP
- T-2 With primary metering and with transformer(s) furnished by PMLP
- T-3 With secondary metering and with transformer(s) furnished by customer
- T-4 With primary metering and with transformer(s) furnished by customer

Time Definitions: The rate applicable under this service is dependent upon the time-of-day that the service is taken:

Time-of-Day - For purposes of this rate, the following are the two (2) defined time-of-day periods:

On-Peak - From 8:00 A.M. thru 8:00 P.M. EST  
(9:00 A.M. thru 9:00 P.M. EDT)  
Monday thru Friday

Off-Peak - All other hours

Rate (Monthly):	Demand Charge:	Time-of-Day
	On-Peak	Off-Peak
Each KW up to 800KW/mo.	\$13.74/KW	\$0/KW
Each KW over 800KW/mo.	\$16.00/KW	\$0/KW
	Energy Charge:	Time-of-Day
	On-Peak	Off-Peak
	\$0.1192/kWh	\$0.0861/kWh
Minimum Charge:	Minimum charge shall be \$28.00 per month.	
Installation Charge:	A one time charge of \$300 will be assessed to any eligible customer electing this rate.	
Transformer Ownership Allowance:	Customers requiring nominal transformer capacities of 500 KVA or more will be required to furnish their own transforming and protective equipment, including mats and/or vaults, primary and secondary cables, conduits, etc., which must comply with the specifications of the PMLP. The following credit will apply to the on-peak demand charge when the above is complied with:  \$0.30 per KW of on-peak demand per month.	
Primary Metering Allowance:	The PMLP may at its option meter at the customer's utilization voltage or on the high voltage side of the transformers through which service is furnished. In the latter case, or if the customer utilization voltage requires no transformation, a credit of 1.0 percent will be allowed on the demand and energy charges net of transformer ownership allowance; but in no case will such credit be allowed if the metering voltage is less than 2400 volts.	
Prompt Payment Discount:	Twenty percent (20%) discount will be allowed on the above rate net of transformer ownership and primary metering credits if payment is received within fifteen (15) days after the bill is rendered. The bill is considered as being rendered fifteen (15) days prior to the discount Date. Discount will not be allowed when arrears are due.	

Bills Due:	Bills are due when rendered and are considered to be in arrears if not completely paid within thirty (30) days after the date billed.
Demand Definitions:	<p>On-Peak Demand - highest integrated fifteen (15) minute demand measured during the on-peak time period.</p> <p>Off-Peak Demand - highest integrated fifteen (15) minute demand measured during the off-peak time period.</p>
Billing Value:	The monthly on-peak demand billing value shall be the highest measured on-peak demand during the month.
Power Factor:	Customer is required to maintain at least 95% power factor; if the customer fails to maintain at least 95% power factor, the customer will be required to install corrective measures within three (3) months after notification or be billed on a KVA demand basis.
Service Interruptions:	Service hereunder is not intended for partial year usage or periodically interrupted use. If service is temporarily disconnected at Customer's request, or for the non-payment of arrears, Customer will be charged disconnection and reconnection fees established in the Rules and Regulations of the Peabody Municipal Light Plant. Permanent disconnection may be requested by Customer with six months notice.
Term of Contract:	Contract for service hereunder shall be for a period of not less than one (1) year.
Purchased Power and Fuel Cost Adjustment:	Energy charges shall be adjusted as provided in filed rate titled: Purchased Power and Fuel Cost Adjustment for the F, P and T Rate Customers. The Prompt Payment Discount shall not be applicable to this adjustment.



General Terms and  
Conditions:

All the Rules and Regulations of the Peabody  
Municipal Light Plant shall be applicable to service  
hereunder.

Effective:

May 1, 2010 Billing

Date Issued:

April 21, 2010.

FILED BY:

Peabody Municipal Lighting Commission

Peabody Municipal Light Plant  
201 Warren Street Extension  
Peabody, Massachusetts 01960

M.D.P.U. #179  
Cancels  
M.D.T.E. #166

PEABODY MUNICIPAL LIGHT PLANT  
Traffic Signal and Sign Service

DESIGNATION: U

APPLICABLE IN: PEABODY AND SOUTH LYNNFIELD

Available to: Service hereunder is available for traffic control lights, school zone signs, traffic warning signals, fire alarm lamps, unmetered signs, etc. when operated continuously, or on a regular established timing sequence.

Rate Conditions: Rate is based on 8760 hours per year use, (i.e.) 100% load factor, and the actual connected load, in watts at each service connection point. Connected loads shall be specified by customer and verified by PMLP engineer. For billing purposes, an equivalent connected load will be calculated by PMLP, to adjust for load factors less than 100%.

Any changes in connected load, timing sequence, or other factors affecting power consumption shall be reported promptly to the PMLP.

This rate is non-metered. For services where the load, load factor, or timing sequences are irregular, manually controlled, or uncertain, or where preferred by the customer; regular metered service will be supplied under rate Q.

This rate is for power service only, excluding fixture installation, maintenance, and lamp replacement.

Rate (Monthly): Based on the equivalent connected load at each service connection:

Monthly Rate:

\$0.1156 per watt per month for the first 1000 watts of equivalent connected load.

\$0.1008 per watt per month for all excess watts of equivalent connected load.

Monthly Standard KWH:

0.73 KWH per month for each watt of equivalent connected load.

**Minimum Load Factor:** The minimum load factor (percent of time energized) which will be applied to any service connection point is thirty percent (30%).

**Minimum Rate:** The minimum rate hereunder for any single service connection point (other than fire alarm lamps) is \$7.00 per month plus pole charges, if any. The minimum rate hereunder for each fire alarm lamp is \$3.50 per month plus pole charges, if any.

**Prompt Payment Discount:** Twenty percent (20%) discount will be allowed on the above rates, if payment is received within fifteen (15) days after the bill is rendered. The bill is considered as being rendered fifteen (15) days prior to the discount date. Discount will not be allowed when arrears are due.

**Bills Due:** Bills are due when rendered and are considered to be in arrears if not completely paid within thirty (30) days after the date billed.

**Purchased Power & Fuel Cost Adjustment:** Energy charges shall be adjusted as provided in the separately filed rate titled: Purchased Power and Fuel Cost Adjustment. The Prompt Payment Discount shall not be applicable to this Adjustment.

**General Terms & Conditions:** All the Rules and Regulations of the Peabody Municipal Light Plant shall be applicable to service hereunder.

Service Interruptions: Service hereunder is not intended for seasonal or periodically interrupted use. If service is temporarily disconnected at Customer's request or for the non-payment of arrears, Customer will be charged disconnection and reconnection fees as established in the Rules and Regulations of the Peabody Municipal Light Plant.

Effective: May 1, 2010 Billing.

Date Issued: April 21, 2010.

FILED BY:

Peabody Municipal Lighting Commission

Peabody Municipal Light Plant  
201 Warren Street Extension  
Peabody, Massachusetts 01960

M.D.P.U. #180  
Cancels  
M.D.T.E. #167

PEABODY MUNICIPAL LIGHT PLANT  
ENERGY WHEELING SERVICE

Designation: W

Applicability:

This Rate is applicable to any customer using PMLP facilities for the purpose of wheeling (carrying) energy either out of or through PMLP service territory.

Subclasses:

Under this rate there are four subclasses of service available. The applicable rate is dependent upon the point of interconnection:

- 1) Rate W1  
Connection to PMLP 115/23KV substation
- 2) Rate W2  
Connection to PMLP 23KV subtransmission system
- 3) Rate W3  
Connection to PMLP 23KV distribution system
- 4) Rate W4  
Connection to PMLP 4KV distribution system

Rate (Monthly):

The charge per kilowatt under this rate is:

Rate W1 - \$ 0.70/KW-Mo  
Rate W2 - \$ 1.23/KW-Mo  
Rate W3 - \$ 2.87/KW-Mo  
Rate W4 - \$ 6.40/KW-Mo

Minimum Rate:

Minimum rate shall be \$350 per month.

**Billing:**

PMLP will render a bill for charges incurred under this rate on a monthly basis. The amount of the bill will be equal to the appropriate above stated rate times the billable kilowatts of wheeled capacity irrespective of whether or not any energy was actually transported by PMLP.

**Prompt Payment Discount:**

Twenty percent (20%) discount will be allowed on the above rate if payment is received within fifteen (15) days after the bill is rendered. The bill is considered as being rendered fifteen (15) days prior to the discount date. Discount will not be allowed when arrears are due.

**Bills Due:**

Bills are due when rendered and are considered to be in arrears of not completely paid within thirty (30) days after the date billed.

**PMLP Wheeling Service Availability:**

PMLP shall determine the following:

1. The exact location of the point of interconnection between the customer's facilities and PMLP facilities.
2. A facilities charge based on the new and/or upgraded facilities required to wheel the energy requested by the customer.

PMLP will own, operate and maintain these new and/or upgraded electrical facilities.

3. The exact location(s) of the interface of PMLP electrical facilities and transmission system.
4. The date for commencement of the requested wheeling service.

**Service Continuity:**

PMLP will endeavor to supply a continuous wheeling capability but shall be held harmless and not in default if PMLP is unable to wheel energy.

**Wheeled Capacity:**

The wheeled capacity (Kilowatts) shall be the highest sixty (60) minute integrated measured capacity sent into PMLP's system as recorded on a proper instrument located at the customer's premises during the month but not less than 80% of the highest wheeled capacity during the preceding eleven (11) months.

**Losses:**

Losses incurred by PMLP as a result of the wheeling of energy for the customer is to be borne by the customer. The losses shall be based on the calculation resulting from multiplying the loss % factor from the following table by the KWH meter readings.

Rate	Loss % Factor
W1	1%
W2	2.5%
W3	3%
W4	4.5%

**Metering:**

PMLP reserves the right to inspect and test the customer's metering equipment, logs and records at any time that the wheeling service is in effect. The customer is required to submit a test report showing the accuracy of all metering to PMLP on a semi-annual basis.

**General Terms & Conditions:**

All the rules and regulations of the Peabody Municipal Light Plant shall be applicable to service hereunder.

Effective: May 1, 2010 Billing

Date Issued: April 21, 2010

FILED BY:

Peabody Municipal Lighting Commission

Peabody Municipal Light Plant  
201 Warren Street Extension  
Peabody, Massachusetts 01960

M.D.P.U. #181  
Cancels  
M.D.T.E.. #168

PEABODY MUNICIPAL LIGHT PLANT  
Purchased Power and Fuel Cost Adjustment  
For A, E, K, M, Q, R, & U Rate Customers

APPLICATION:

This adjustment applies to all sales of electrical energy to ultimate users under the A, E, K, M, Q, R, and U rates, and modified energy charges provided therein.

ADJUSTMENT:

When the average cost of power supply and fuel, as defined herein, is more or less than a standard rate base of 94.48 mills (\$0.09448) per kilowatt hour, then the energy charges per kilowatt hour, to all customers shall be increased or decreased respectively by the amount the actual cost is more or less than the standard rate base.

ADJUSTMENT TEST PERIODS:

The power supply and fuel costs shall be calculated in December and June of each year for a six month period. Based on the average cost calculated for each six month calculation period (Dec-May and June-Nov), the adjustment shall apply for the six month billing period (Jan-June and July-Dec) immediately following the calculation month, specifically applied to customer bills calculated in each month of the appropriate six month billing period.

Midway through each six month calculation period adjustments, if required, shall be made to the average cost calculated for the remaining three months of said billing period in order to correct for the difference between actual and estimated costs for the first three months of said calculation period as well as correcting for calculations involving the last three months of said calculation period.

POWER SUPPLY AND FUEL COST:

The average power supply and fuel cost shall be calculated as follows:

- a. The cost shall be a quotient of which the dividend shall be the sum of all money paid, net, for all sources of power supply plus the actual cost of fuel consumed in Peabody Municipal Light Plant's generating facilities; and,
- b. Of which the divisor shall be the sum of all energy sold to the consumer in kilowatt hours, during the period in which the power was purchased or generated by the Peabody Municipal Light Plant.



- c. Both the amounts of Money and energy shall be the actual amounts applicable to the said period, so far as can be reasonably determined. The average cost shall be calculated to the nearest 100th mills (\$0.00001), and the adjustment shall be the excess or deficiency, to the nearest one hundredths mill, above or below the standard rate base.

**DISCOUNT NOT APPLICABLE:**

The Prompt Payment Discount Clause shall not be applicable to the Purchased Power and Fuel Cost Adjustment.

**EFFECTIVE:** May 1, 2010 Billing.

**DATE ISSUED:** April 21, 2010

**FILED BY:**

Peabody Municipal Lighting Commission

Peabody Municipal Light Plant  
201 Warren Street Extension  
Peabody, Massachusetts 01960

M.D.P.U. #182  
Cancels  
M.D.T.E.. #169

PEABODY MUNICIPAL LIGHT PLANT  
Purchased Power and Fuel Cost Adjustment  
For F, P, & T Rate Customers

APPLICATION:

This adjustment applies to all sales of electrical energy to ultimate users under the F, P, and T rates.

ADJUSTMENT:

When the average cost of power supply and fuel, as defined herein, is more or less than a standard rate base of 64.48 mills (\$0.06448) per kilowatt hour, then the energy charges per kilowatt hour, to all F, P, and T rate customers shall be increased or decreased respectively by the amount the actual cost is more or less than the standard rate base.

ADJUSTMENT TEST PERIODS:

The power supply and fuel costs shall be calculated in December and June of each year for a six month period. Based on the average cost calculated for each six month calculation period (Dec-May and June-Nov), the adjustment shall apply for the six month billing period (Jan-June and July-Dec) immediately following the calculation month, specifically applied to customer bills calculated in each month of the appropriate six month billing period.

Midway through each six month calculation period adjustments, if required, shall be made to the average cost calculated for the remaining three months of said billing period in order to correct for the difference between actual and estimated costs for the first three months of said calculation period as well as correcting for calculations involving the last three months of said calculation period.

TOTAL POWER SUPPLY AND FUEL COST:

The total power supply and fuel cost to be recovered in the F, P, and T rate consumers bills shall be equal to:

The product of (the KWH sold to the F, P, and T rate consumers divided by the total KWH sold to all consumers) times the total power supply costs;

Where:

The KWH sold to the F, P, and T rate consumers shall be the energy in kilowatt hours sold to the F, P, and T rate consumers during the period in which the power was purchased or generated by the Peabody Municipal Light Plant; and,

The total KWH sold to all consumers shall be the total energy in kilowatt hours sold to all consumers during the period in which the power was purchased or generated by the Peabody Municipal Light Plant; and,

The total power supply costs shall be the sum of money paid, net, for sources of power plus the actual cost of fuel consumed in Peabody Municipal Light Plant's generating facilities.

#### DEMAND PORTION OF POWER SUPPLY AND FUEL COST:

The power supply and fuel cost to be recovered in the demand portion of F, P, and T rate consumers bills shall be equal to:

The total number of kilowatts billed to F, P, and T rate consumers during the period in which the power was purchased or generated by the Peabody Municipal Light Plant times \$8.63.

#### ENERGY PORTION OF POWER SUPPLY AND FUEL COST

The power supply and fuel cost to be recovered in the energy portion of F, P, and T rate consumers bills shall be equal to:

The difference between the total power supply and fuel cost recovered in the F, P, and T rate as described above, and the power supply and fuel cost recovered in the demand portion of the F, P, and T rates as described above.

#### AVERAGE POWER SUPPLY AND FUEL COST

The average power supply and fuel cost shall be calculated as follows:

The energy portion of the power supply and fuel cost as described above divided by the sum of all energy sold to the F, P, and T rate consumers in kilowatt hours, during the period in which the power was purchased or generated by the Peabody Municipal Light Plant.

The average cost shall be calculated to the nearest 100th mill (\$0.00001), and the adjustment shall be the excess or deficiency, to the nearest one hundredth mill, above or below the standard rate base.

**DISCOUNT NOT APPLICABLE:**

The Prompt Payment Discount Clause shall not be applicable to the Purchased Power and Fuel Cost Adjustment.

**EFFECTIVE:** May 1, 2010 BILLING.

**DATE ISSUED:** April 21, 2010.

**FILED BY:**

Peabody Municipal Lighting Commission

THIS RETURN IS SIGNED UNDER THE PENALTIES OF PERJURY

MAYOR

MANAGER ELECTRIC LIGHT

COMMISSIONERS

*Eulim T*  
*Charles J Orphanos*  
*Thomas J Paras*  
*Charles W Bontanti*  
*William C Aylward*  
*Robert O Wheatley*

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

DATE September 24, 2021

Then personally appeared

Edward A. Bettercourt, Jr.  
Charles J. Orphanos  
Thomas J. Paras Charles W Bontanti  
William C. Aylward Robert O Wheatley  
Thomas M D'Amato

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

Notary Public

*Barbara Previte*

