

Massachusetts Electric Company  
 Nantucket Electric Company  
 Summary of Illustrative Bill Impacts  
 10, 20, and 30 Year Amortization

	<b>Year 1</b>	<b>Year 2</b>	<b>Year 3</b>	<b>Year 4</b>	<b>Year 5</b>
	(a)	(b)	(c)	(d)	(e)
(1) Illustrative % Increase @ 10 Year Amortization	1.24%	0.23%	-0.11%	-0.18%	-0.18%
(2) Illustrative % Increase @ 20 Year Amortization	1.06%	0.11%	-0.03%	-0.12%	-0.11%
(3) Illustrative % Increase @ 30 Year Amortization	1.00%	0.06%	-0.01%	-0.10%	-0.09%

- (1) Page 2, Line (11)
- (2) Page 3, Line (11)
- (3) Page 4, Line (11)

Massachusetts Electric Company  
Nantucket Electric Company  
Calculation of Illustrative Factor and Residential Bill Impact  
Assuming 10 Year Amortization

	Year 1	Year 2	Year 3	Year 4	Year 5
	(a)	(b)	(c)	(d)	(e)
(1) Total Annual Recovery	\$48,518,984	\$57,717,406	\$53,476,737	\$46,187,833	\$39,331,788
(2) Residential Distribution Revenue Allocator	<u>57.7%</u>	<u>57.7%</u>	<u>57.7%</u>	<u>57.7%</u>	<u>57.7%</u>
(3) Total Allocated Residential Recovery	\$27,995,454	\$33,302,943	\$30,856,077	\$26,650,379	\$22,694,442
(4) Forecasted Annual Residential kWh	<u>8,111,041,508</u>	<u>8,111,041,508</u>	<u>8,111,041,508</u>	<u>8,111,041,508</u>	<u>8,111,041,508</u>
(5) Illustrative Annual Factor	\$0.00345	\$0.00410	\$0.00380	\$0.00328	\$0.00279
(6) Illustrative Incremental Change in Factor	\$0.00345	\$0.00065	(\$0.00030)	(\$0.00052)	(\$0.00049)
(7) Monthly Residential kWh Deliveries	<u>500</u>	<u>500</u>	<u>500</u>	<u>500</u>	<u>500</u>
(8) Year-Over-Year Illustrative Increase in Monthly Bill	\$1.73	\$0.33	(\$0.15)	(\$0.26)	(\$0.25)
(9) Residential Monthly Bill at Start of Year	<u>\$139.56</u>	<u>\$141.29</u>	<u>\$141.62</u>	<u>\$141.47</u>	<u>\$141.21</u>
(10) Illustrative Residential Monthly Bill	\$141.29	\$141.62	\$141.47	\$141.21	\$140.96
(11) Illustrative % Increase	1.24%	0.23%	-0.11%	-0.18%	-0.18%

- (1) Attachment EDC-2-2, Line 4  
(2) Currently effective R-1/R-1 Distribution Revenue Allocator percentage  
(3) Line (1) x Line (2)  
(4) Company forecast for for the furthest year in the Company's forecast (calendar year 2025)  
(5) Line (3) ÷ Line (4), truncated to 5 decimal places  
(6) Line (5) - Line (5) from prior year  
(7) 500 kWh  
(8) Line (6) x Line (7)  
(9) Year 1: Page 5; all other years: prior year Line 16  
(10) Line (8) + Line (9)  
(11) Line (8) ÷ Line (9)

Massachusetts Electric Company  
Nantucket Electric Company  
Calculation of Illustrative Factor and Residential Bill Impact  
Assuming 20 Year Amortization

	Year 1	Year 2	Year 3	Year 4	Year 5
	(a)	(b)	(c)	(d)	(e)
(1) Total Annual Recovery	\$41,506,957	\$45,648,574	\$44,474,730	\$39,885,384	\$35,447,946
(2) Residential Distribution Revenue Allocator	<u>57.7%</u>	<u>57.7%</u>	<u>57.7%</u>	<u>57.7%</u>	<u>57.7%</u>
(3) Total Allocated Residential Recovery	\$23,949,514	\$26,339,227	\$25,661,919	\$23,013,867	\$20,453,465
(4) Forecasted Annual Residential kWh	<u>8,111,041,508</u>	<u>8,111,041,508</u>	<u>8,111,041,508</u>	<u>8,111,041,508</u>	<u>8,111,041,508</u>
(5) Illustrative Annual Factor	\$0.00295	\$0.00324	\$0.00316	\$0.00283	\$0.00252
(6) Illustrative Incremental Change in Factor	\$0.00295	\$0.00029	(\$0.00008)	(\$0.00033)	(\$0.00031)
(7) Monthly Residential kWh Deliveries	<u>500</u>	<u>500</u>	<u>500</u>	<u>500</u>	<u>500</u>
(8) Year-Over-Year Illustrative Increase in Monthly Bill	\$1.48	\$0.15	(\$0.04)	(\$0.17)	(\$0.16)
(9) Residential Monthly Bill at Start of Year	<u>\$139.56</u>	<u>\$141.04</u>	<u>\$141.19</u>	<u>\$141.15</u>	<u>\$140.98</u>
(10) Illustrative Residential Monthly Bill	\$141.04	\$141.19	\$141.15	\$140.98	\$140.82
(11) Illustrative % Increase	1.06%	0.11%	-0.03%	-0.12%	-0.11%

- (1) Attachment EDC-2-2, Line 8  
(2) Currently effective R-1/R-1 Distribution Revenue Allocator percentage  
(3) Line (1) x Line (2)  
(4) Company forecast for for the furthest year in the Company's forecast (calendar year 2025)  
(5) Line (3) ÷ Line (4), truncated to 5 decimal places  
(6) Line (5) - Line (5) from prior year  
(7) 500 kWh  
(8) Line (6) x Line (7)  
(9) Year 1: Page 5; all other years: prior year Line 16  
(10) Line (8) + Line (9)  
(11) Line (8) ÷ Line (9)

Massachusetts Electric Company  
Nantucket Electric Company  
Calculation of Illustrative Factor and Residential Bill Impact  
Assuming 30 Year Amortization

	Year 1	Year 2	Year 3	Year 4	Year 5
	(a)	(b)	(c)	(d)	(e)
(1) Total Annual Recovery	\$39,088,435	\$41,323,237	\$40,931,324	\$37,072,120	\$33,325,934
(2) Residential Distribution Revenue Allocator	<u>57.7%</u>	<u>57.7%</u>	<u>57.7%</u>	<u>57.7%</u>	<u>57.7%</u>
(3) Total Allocated Residential Recovery	\$22,554,027	\$23,843,508	\$23,617,374	\$21,390,613	\$19,229,064
(4) Forecasted Annual Residential kWh	<u>8,111,041,508</u>	<u>8,111,041,508</u>	<u>8,111,041,508</u>	<u>8,111,041,508</u>	<u>8,111,041,508</u>
(5) Illustrative Annual Factor	\$0.00278	\$0.00293	\$0.00291	\$0.00263	\$0.00237
(6) Illustrative Incremental Change in Factor	\$0.00278	\$0.00015	(\$0.00002)	(\$0.00028)	(\$0.00026)
(7) Monthly Residential kWh Deliveries	<u>500</u>	<u>500</u>	<u>500</u>	<u>500</u>	<u>500</u>
(8) Year-Over-Year Illustrative Increase in Monthly Bill	\$1.39	\$0.08	(\$0.01)	(\$0.14)	(\$0.13)
(9) Residential Monthly Bill at Start of Year	<u>\$139.56</u>	<u>\$140.95</u>	<u>\$141.03</u>	<u>\$141.02</u>	<u>\$140.88</u>
(10) Illustrative Residential Monthly Bill	\$140.95	\$141.03	\$141.02	\$140.88	\$140.75
(11) Illustrative % Increase	1.00%	0.06%	-0.01%	-0.10%	-0.09%

- (1) Attachment EDC-2-2, Line 12  
(2) Currently effective R-1/R-1 Distribution Revenue Allocator percentage  
(3) Line (1) x Line (2)  
(4) Company forecast for for the furthest year in the Company's forecast (calendar year 2025)  
(5) Line (3) ÷ Line (4), truncated to 5 decimal places  
(6) Line (5) - Line (5) from prior year  
(7) 500 kWh  
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(9) Year 1: Page 5; all other years: prior year Line 16  
(10) Line (8) + Line (9)  
(11) Line (8) ÷ Line (9)

Massachusetts Electric Company  
Nantucket Electric Company  
Calculation of Current Monthly Residential Bill

(1)	500	Effective <u>March 1, 2021</u> (a)	<u>Amount</u> (b)
	<b><u>Delivery Service</u></b>		
(2)	Customer Charge		\$7.00
(3)	Base Distribution Charge	\$0.04906	
(4)	CapEx Factor	\$0.00352	
(5)	Basic Service Adjustment Factor	\$0.00105	
(6)	Residential Assistance Adjustment Factor	\$0.00488	
(7)	Storm Fund Replenishment Factor	\$0.00301	
(8)	Pension/PBOP Factor	\$0.00179	
(9)	Revenue Decoupling Mechanism Adjustment Factor	\$0.00255	
(10)	Attorney General Consulting Expense Factor	\$0.00003	
(11)	Solar Cost Adjustment Factor	\$0.00033	
(12)	Smart Grid Distribution Adjustment Factor	\$0.00008	
(13)	Net Metering Recovery Surcharge	\$0.01163	
(14)	Renewable Energy Recovery Factor	\$0.00075	
(15)	Tax Act Credit Factor	(\$0.00062)	
(16)	Vegetation Management Factor	\$0.00054	
(17)	Grid Modernization Factor	<u>\$0.00032</u>	
(18)	Total Distribution Energy Charge	\$0.07892	\$39.46
(19)	SMART Factor	\$0.00315	\$1.58
(20)	Electric Vehicle Program Factor	\$0.00011	\$0.06
(21)	Transition Charge	(\$0.00104)	(\$0.52)
(22)	Transmission Service Adjustment Factor	\$0.03858	\$19.29
(23)	Energy Efficiency Charge	\$0.02098	\$10.49
(24)	<u>Renewables Charge</u>	\$0.00050	<u>\$0.25</u>
(25)	Subtotal Delivery Charges		\$77.61
	<b><u>Supply Service</u></b>		
(26)	Base Basic Service Charge	\$0.11965	\$59.83
(27)	Basic Service Admin Cost Factor	\$0.00011	\$0.06
(28)	Smart Grid Customer Cost Adjustment Factor	<u>\$0.00412</u>	<u>\$2.06</u>
(29)	Commodity Subtotal	\$0.12388	<u>\$61.95</u>
(30)	Total		\$139.56

(a) M.D.P.U. No. 1-21-C  
(b) Line (1) x Column (a), Lines (18) thru (28)