

A Predatory and Broken Market: the 2024 Update
Analysis of the Individual Residential Electric Supply Market in Massachusetts

A Report by the Massachusetts Attorney General's Office
Prepared by Susan M. Baldwin and Timothy E. Howington
April 2024

A Predatory and Broken Market: the 2024 Update

Analysis of the Individual Residential Electric Supply Market in Massachusetts

Executive Summary

This 2024 Update to the prior reports by the Massachusetts Attorney General’s Office (“AGO”) on the individual residential electric supply market in Massachusetts provides analysis of the actual rates charged by suppliers to their customers for the July 2021–June 2022 and July 2022–June 2023 time periods. The updated analysis shows that Massachusetts consumers have experienced **\$577.6 million** in net losses since the AGO began reporting on this market in 2018.

Table ES.1. Net Consumer Loss from Participation in the Individual Residential Electric Supply Market Compared to the Electric Distribution Company’s Basic Service

	July 2015 - June 2016	July 2016 - June 2017	July 2017 - June 2018	July 2018 - June 2019	July 2019 - June 2020	July 2020- June 2021	July 2021- June 2022	July 2022 - June 2023	Eight-Year Total Net Loss
Total Net Consumer Loss (millions)	\$65.4	\$111.4	\$76.2	\$87.0	\$85.7	\$99.5	\$82.8	-\$30.4	\$577.6

The 2022–2023 winter season brought an unprecedented spike in basic service electric supply rates to Massachusetts due to volatility in the energy markets caused by the war in Ukraine and high inflation. Basic service electric supply rates in some areas of Massachusetts were *more than double the highest-ever* basic service rate in Massachusetts prior to 2022 (\$0.33 per kWh in 2022–2023 vs. \$0.16 per kWh, the then-record high rate set in 2014–2015). Record-high basic service rates should have presented the perfect opportunity for the individual residential electric supply market to deliver on its promises and provide customers with the benefit of significant savings. Analysis of the actual rates charged by suppliers to their customers during this timeframe, however, reveals a broken and predatory market that continues to harm customers, and low-income customers in particular.

Table ES.2. Average Annual Net Consumer Loss from Participation in the Individual Residential Electric Supply Market Compared to Basic Service

Attribute of Market	July 2021 - June 2022	July 2022 - June 2023
Average Net Consumer Loss per household	\$202	\$(80)
Average Net Consumer Loss per household - Low-Income	\$224	\$10

Indeed, despite the market conditions, low-income customers of individual suppliers *continued to experience net losses*, on average, during the twelve-month period from July 2022–June 2023. During the same timeframe, non-low-income customers experienced net savings, on average, but those net

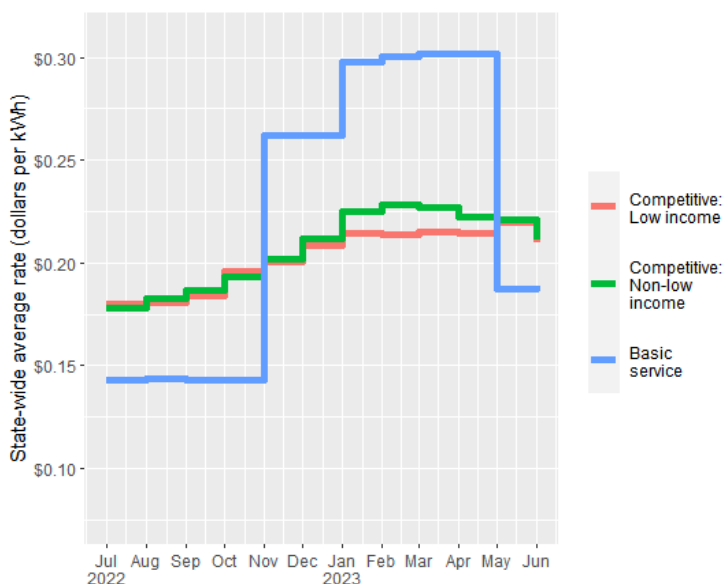
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savings were small compared to the historical pattern of high net losses in each of the other seven years the AGO has studied—including the **\$82.8 million** in net losses experienced from July 2021–June 2022.

By summer 2023, rates charged by suppliers had reverted to the “norm” of the past eight years, as shown in Figure ES.1 below, with both non-low-income and low-income customers in this market experiencing net losses compared to basic service.

Figure ES.1. Gap Between Average Rate Paid to Competitive Suppliers and Rate Had Participants Purchased from Electric Distribution Companies (July 2022 – June 2023)



The 2024 Update again demonstrates that individual residential consumers suffer large financial losses by directly signing contracts for their electric supply with individual residential electric suppliers. In addition, Massachusetts low-income consumers and people of color continue to suffer a disproportionate amount of the consumer harm. The size of the harm to consumers, the significant losses in seven out of eight years of this study, and the continuing loss from one year to the next for low-income consumers all strongly suggest that consumer harm will continue. Thus, we again strongly recommend that the Massachusetts Legislature eliminate the electric supply market for individual residential consumers.

The 2024 Update provides updated tables and figures from prior reports with the following additions:

- Table 2.7, Frequency of Fixed / Flat-Rate Charges by Rate Bin, July 2021 – June 2023, which represents new data and is accompanied by new explanatory text; and
- Appendix 4, Additional Data Examined, which provides more granular data surrounding the net losses and net savings experienced by customers during the study periods examined in this 2024 Update.

For more detail on the methods and analyses applied, and related context and detail, please refer to the AGO’s earlier reports, which can be accessed at <https://www.mass.gov/competitive-electric-supply>.

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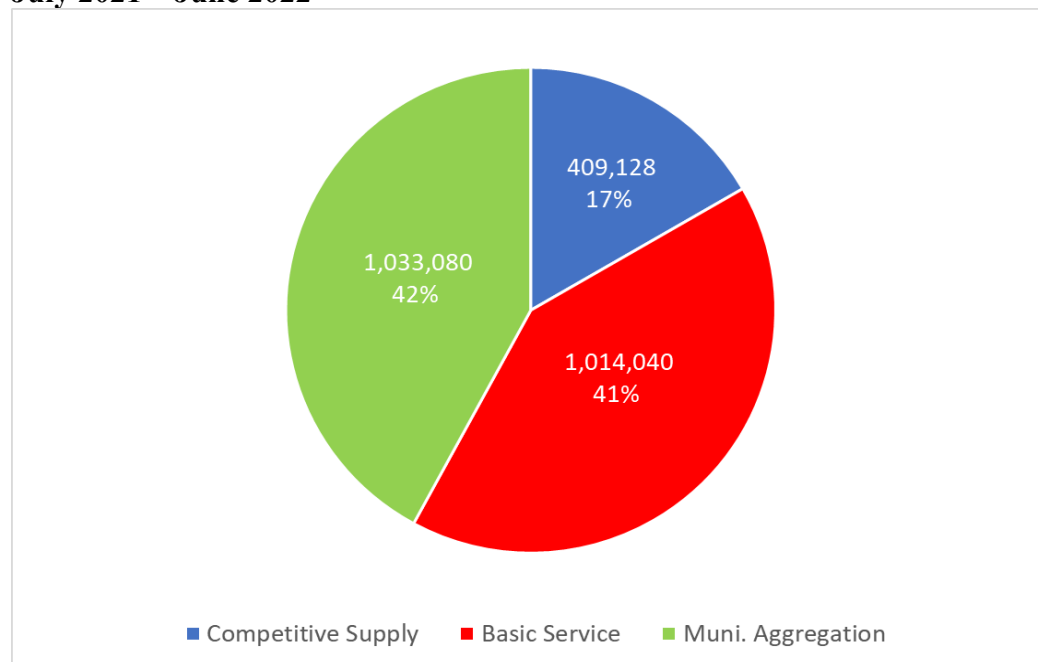
Table 1.1 Participation Rates in Competitive Supply, Basic and Municipal Aggregation – Five-Year Comparison

	July 2018 - June 2019	July 2019 - June 2020	July 2020 - June 2021	July 2021 - July 2022	July 2022 – June 2023
Competitive Supply					
Low-income	33%	31%	29%	28%	24%
Non-low-income	17%	17%	16%	15%	14%
Basic					
Low-income	50%	48%	46%	41%	43%
Non-low-income	55%	52%	47%	41%	41%
Municipal Aggregation					
Low-income	17%	21%	25%	31%	33%
Non-low-income	27%	31%	37%	43%	45%

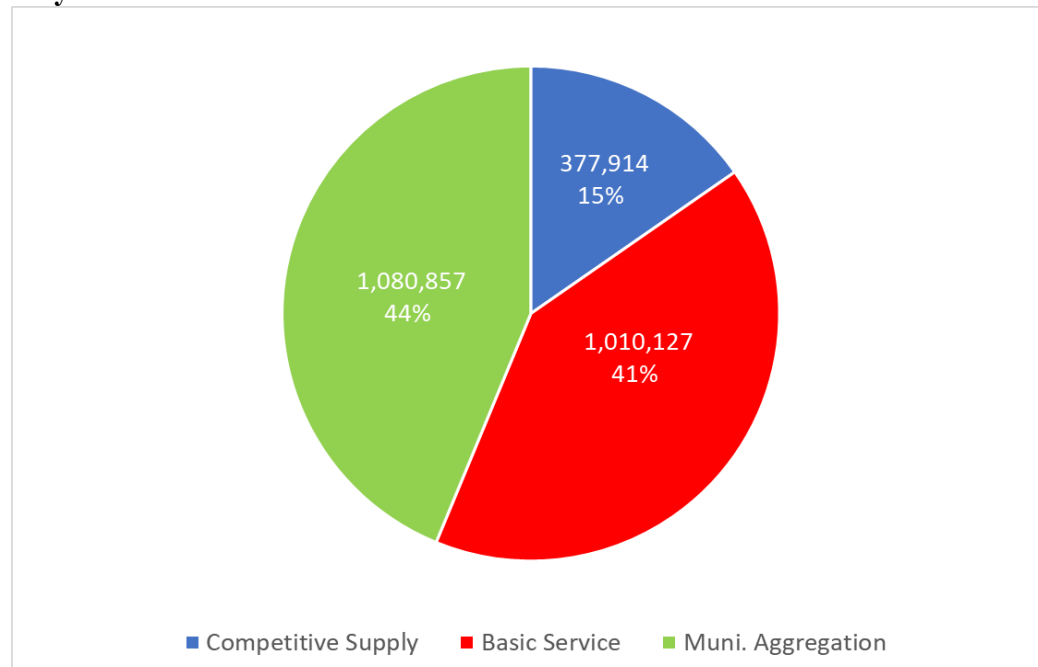
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Figure 1.1: Average Monthly Numbers of Households Purchasing from Competitive Suppliers, Electric Distribution Companies, and Municipal Aggregations

July 2021 – June 2022



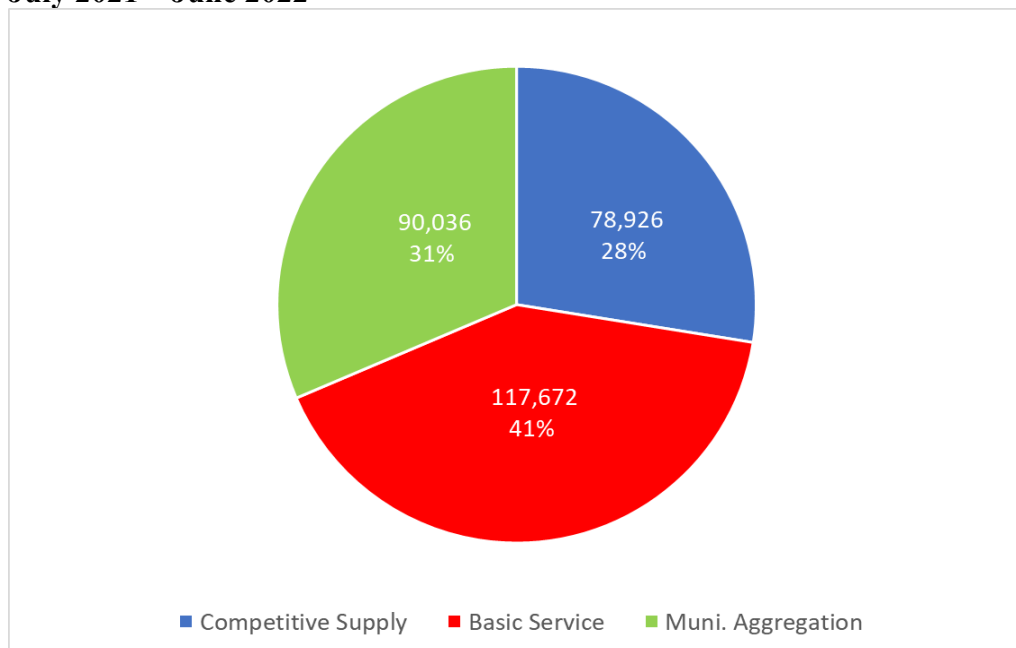
July 2022 – June 2023



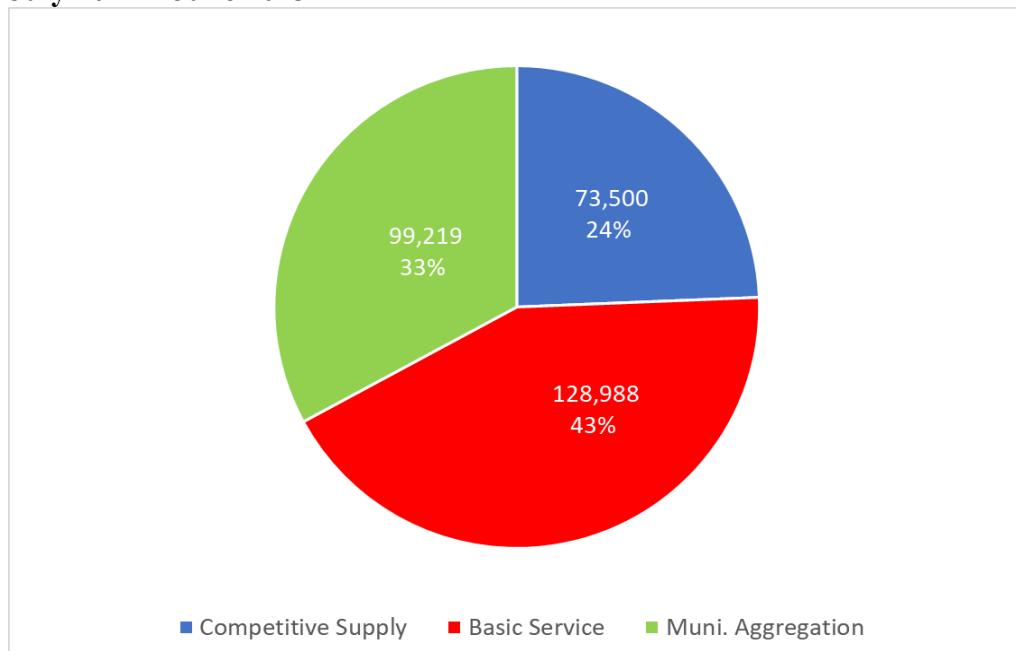
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Figure 1.2. Average Monthly Numbers of Low-Income Households Purchasing from Competitive Suppliers, Electric Distribution Companies, and Municipal Aggregations

July 2021 – June 2022



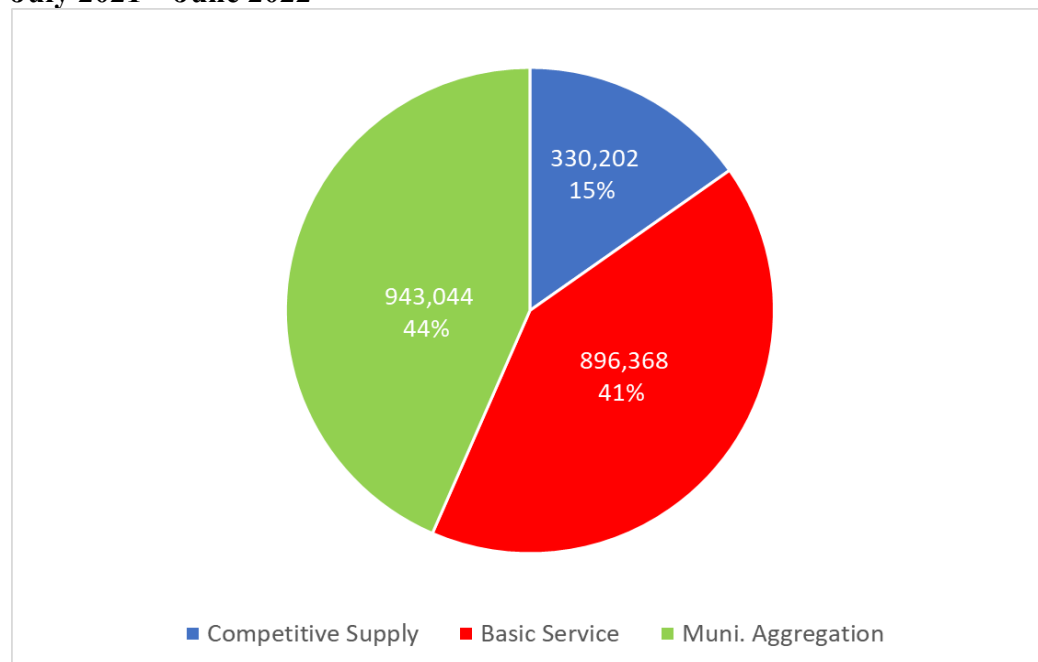
July 2022 – June 2023



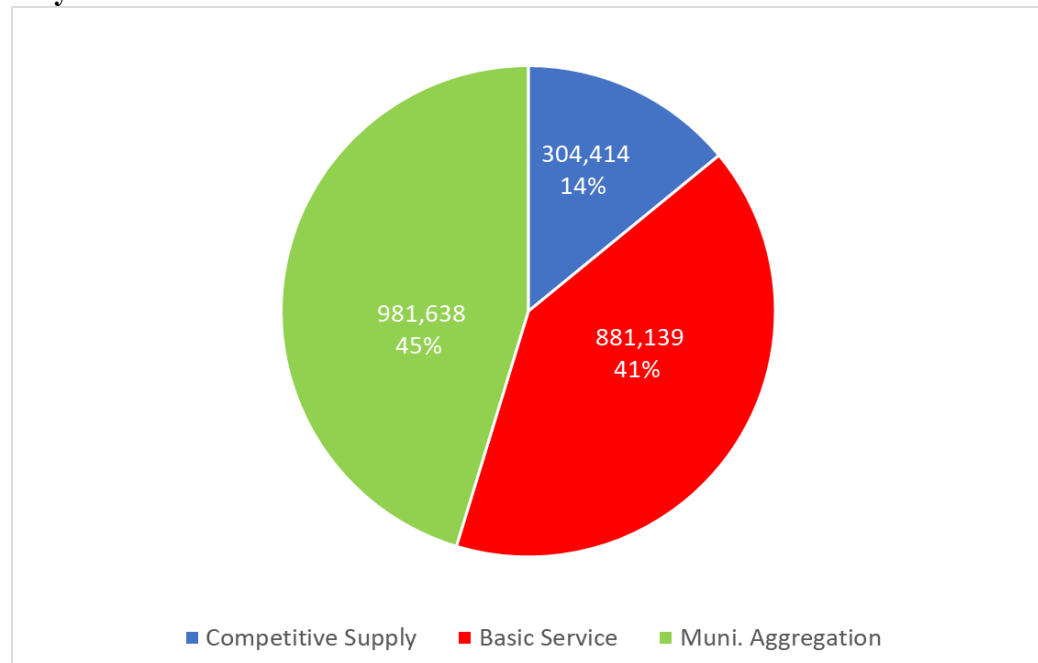
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Figure 1.3. Average Monthly Numbers of Non-Low-Income Households Purchasing from Competitive Suppliers, Electric Distribution Companies, and Municipal Aggregations

July 2021 – June 2022



July 2022 – June 2023



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Additional statistics for the most recent study period (July 2022–June 2023) include:

- Suppliers, in the aggregate, billed Massachusetts consumers more than \$527 million.
- Suppliers issued 4,534,969 monthly bills to Massachusetts residential consumers during a 12-month period, suggesting that suppliers serve an average of 377,914 households in Massachusetts, of which 73,500 are low-income households.
- Low-income households make up 19 percent of the consumers participating in the individual residential electric supply market yet make up only 12 percent of the market for all electric consumers.
- Beyond usage charges, consumers also paid approximately \$19 million in additional customer fees to suppliers. Approximately \$4.5 million of these additional fees—or 24 percent—were charged to low-income consumers. See Tables 2.6 and 2.7, below, for more granular information.
- Approximately 24 percent of *all* low-income electric consumers in Massachusetts take service from an individual residential supplier.
- 53 different suppliers are active in the Massachusetts market (and 47 provide service to low-income consumers).
- The average monthly usage for all households in Massachusetts that participated in the individual residential electric supply market during the study period was 561 kWh.

Section 2: Cost of Participation for All Households in the Individual Residential Electric Supply Market.

Table. 2.1. Average Annual Household Losses - Eight Year Comparison

Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7	Year 8
July 2015 - June 2016	July 2016 - June 2017	July 2017 - June 2018	July 2018 - June 2019	July 2019 - June 2020	July 2020 - June 2021	July 2021 - June 2022	July 2022 - June 2023
\$134	\$226	\$155	\$187	\$190	\$231	\$202	\$(80) *

* Note the \$(80) in Year 8 indicates net consumer gain.

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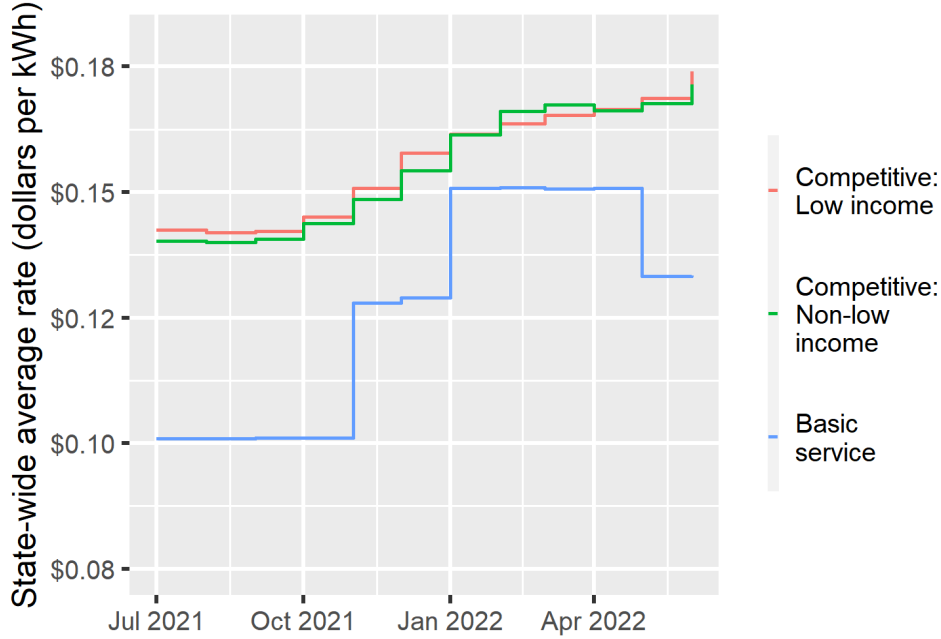
Table 2.2. Overview of Individual Residential Electric Supply Market – Eight-Year Comparison

	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7	Year 8
Attribute of Market	July 2015 - June 2016	July 2016 - June 2017	July 2017 - June 2018	July 2018 - June 2019	July 2019 - June 2020	July 2020 - June 2021	July 2021 - June 2022	July 2022 - June 2023
Total bills rendered (all)	5,860,037	5,920,193	5,916,177	5,568,187	5,427,350	5,173,999	4,909,532	4,534,969
Average number of customers per month	488,336	493,275	493,015	464,016	452,279	431,167	409,128	377,914
Total supply (kWh)	3,581,962,99	3,593,084,98	3,426,659,39	3,269,849,77	3,052,639,22	3,144,170,99	2,861,956,35	2,545,424,789
Total charges	\$450,704,148	\$437,948,033	\$465,139,973	\$486,375,415	\$449,228,429	\$441,136,036	\$445,741,788	\$527,461,476
Weighted Average Rate Paid by Customers of Competitive Supply	\$ 0.1258	\$ 0.1219	\$ 0.1357	\$ 0.1487	\$ 0.1472	\$ 0.1403	\$ 0.1557	\$ 0.2072
Weighted Average Rate Customers of Competitive Supply would have paid for EDCs' Basic Service	\$ 0.1076	\$ 0.0905	\$ 0.1135	\$ 0.1221	\$ 0.1191	\$ 0.1087	\$ 0.1268	\$ 0.2192
Average premium to participate (per kWh - all incomes)	\$ 0.0183	\$ 0.0314	\$ 0.0222	\$ 0.0266	\$ 0.0281	\$ 0.0316	\$ 0.0289	\$ (0.0119)
Average Annual Usage per HH (kWh)	7,335	7,284	6,950	7,047	6,749	7,292	6,995	6,735
Statewide Total Net Consumer Loss	\$ 65,406,644	\$111,400,843	\$ 76,208,70	\$ 86,994,12	\$ 85,745,019	\$ 99,460,38	\$ 82,784,63	\$ (30,415,518)
Statewide Total Net Consumer Loss - Low-Income	\$ 17,400,000	\$ 23,562,43	\$ 16,375,48	\$ 17,973,53	\$ 17,241,698	\$ 18,961,97	\$ 17,707,04	\$ 766,668
Average Net Consumer Loss per household	\$ 134	\$ 226	\$ 155	\$ 187	\$ 190	\$ 231	\$ 202	\$ (80)
Average Net Consumer Loss per household - Low-Income	\$ 14	\$ 231	\$ 166	\$ 196	\$ 205	\$ 233	\$ 224	\$ 10

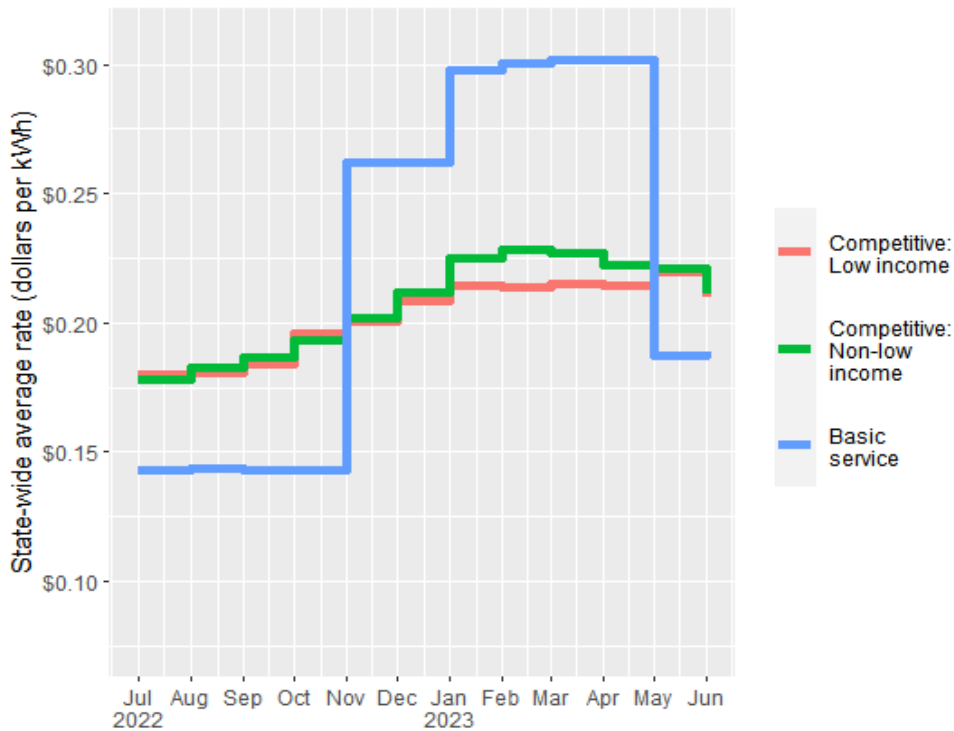
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Figure 2.1. Gap Between Average Rate Paid to Competitive Suppliers and Rate Had Participants Purchased from Electric Distribution Companies

July 2021 – June 2022



July 2022 – June 2023



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Table 2.3. Ten Suppliers with the Highest Average Premium – All Households (Ranked by Premium)

July 2021 – June 2022

Supplier ID	Average Rate	# of Bills	Average Premium	Share of Accounts	Loss Associated with High Prices	Gain Associated with Low Prices	Net Consumer Loss	Share of Loss	Share of Gain
66	\$ 0.2223	77,443	\$ 0.0961	1.58%	\$ 3,542,544	\$ (51,562)	\$ 3,490,982	3.35%	0.22%
43	\$ 0.1931	134,686	\$ 0.0734	2.74%	\$ 5,226,519	\$ (88,165)	\$ 5,138,354	4.94%	0.38%
25	\$ 0.2014	517,451	\$ 0.0698	10.54%	\$ 18,446,774	\$ (937,137)	\$ 17,509,637	17.43%	4.07%
46	\$ 0.1954	24,880	\$ 0.0663	0.51%	\$ 793,554	\$ (7,492)	\$ 786,062	0.75%	0.03%
6	\$ 0.1934	96,490	\$ 0.0613	1.97%	\$ 3,235,497	\$ (81,787)	\$ 3,153,710	3.06%	0.35%
68	\$ 0.1824	7,782	\$ 0.0568	0.16%	\$ 273,485	\$ (4,856)	\$ 268,629	0.26%	0.02%
12	\$ 0.1728	90,850	\$ 0.0567	1.85%	\$ 2,565,669	\$ (54,024)	\$ 2,511,645	2.42%	0.23%
24	\$ 0.1773	79,695	\$ 0.0527	1.62%	\$ 2,261,676	\$ (55,496)	\$ 2,206,181	2.14%	0.24%
57	\$ 0.1862	69,340	\$ 0.0526	1.41%	\$ 1,984,456	\$ (182,006)	\$ 1,802,450	1.88%	0.79%
55	\$ 0.1818	64,995	\$ 0.0524	1.32%	\$ 1,837,955	\$ (102,497)	\$ 1,735,458	1.74%	0.44%
Total for top 10		1,163,612		23.70%	\$ 40,168,129	\$ (1,565,021)	\$ 38,603,108	37.95%	6.79%

July 2022 – June 2023

Supplier ID	Average Rate	# of Bills	Average Premium	Share of Accounts	Loss Associated with High Prices	Gain Associated with Low Prices	Net Consumer Loss	Share of Loss	Share of Gain
57	\$ 0.3145	75,804	\$ 0.1104	1.67%	\$ 4,040,377	\$ (155,597)	\$ 3,884,780	4.15%	0.12%
6	\$ 0.3170	72,839	\$ 0.1020	1.61%	\$ 4,064,053	\$ (361,923)	\$ 3,702,130	4.17%	0.28%
20	\$ 0.2800	9,430	\$ 0.0912	0.21%	\$ 620,129	\$ (100,244)	\$ 519,885	0.64%	0.08%
36	\$ 0.2323	38,087	\$ 0.0786	0.84%	\$ 1,868,227	\$ (182,155)	\$ 1,686,071	1.92%	0.14%
68	\$ 0.2893	5,058	\$ 0.0783	0.11%	\$ 266,863	\$ (50,236)	\$ 216,628	0.27%	0.04%
66	\$ 0.2675	70,729	\$ 0.0779	1.56%	\$ 2,769,625	\$ (278,204)	\$ 2,491,420	2.85%	0.22%
25	\$ 0.2905	515,348	\$ 0.0698	11.36%	\$ 23,385,680	\$ (6,428,286)	\$ 16,957,394	24.02%	5.03%
27	\$ 0.2258	3,718	\$ 0.0480	0.08%	\$ 93,552	\$ (7,492)	\$ 86,060	0.10%	0.01%
15	\$ 0.2683	42,291	\$ 0.0477	0.93%	\$ 1,624,342	\$ (635,111)	\$ 989,231	1.67%	0.50%
29	\$ 0.2524	126,659	\$ 0.0444	2.79%	\$ 6,326,016	\$ (2,834,127)	\$ 3,491,889	6.50%	2.22%
Total for top 10		959,963		21.17%	\$ 45,058,864	\$ (11,033,374)	\$ 34,025,490	46.29%	8.64%

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Table 2.4. Ten Suppliers with the Highest Number of Bills – All Households (Ranked by Number of Bills)

July 2021 – June 2022

Supplier ID	Average Rate	# of Bills	Average Premium	Share of Accounts	Loss Associated with High Prices	Gain Associated with Low Prices	Net Consumer Loss	Share of Loss	Share of Gain
22	\$ 0.1190	532,705	\$ 0.0068	10.85%	\$ 5,773,136	\$ (3,604,635)	\$ 2,168,501	5.45%	15.64%
25	\$ 0.2014	517,451	\$ 0.0698	10.54%	\$ 18,446,774	\$ (937,137)	\$ 17,509,637	17.43%	4.07%
34	\$ 0.1189	485,609	\$ (0.0089)	9.89%	\$ 3,821,113	\$ (7,025,125)	\$ (3,204,013)	3.61%	30.48%
37	\$ 0.1629	456,696	\$ 0.0352	9.30%	\$ 10,554,855	\$ (941,576)	\$ 9,613,279	9.97%	4.08%
42	\$ 0.1536	375,269	\$ 0.0187	7.64%	\$ 6,091,981	\$ (2,087,703)	\$ 4,004,279	5.76%	9.06%
60	\$ 0.1798	241,513	\$ 0.0484	4.92%	\$ 6,202,933	\$ (499,948)	\$ 5,702,985	5.86%	2.17%
26	\$ 0.1522	196,446	\$ 0.0171	4.00%	\$ 2,764,722	\$ (848,911)	\$ 1,915,811	2.61%	3.68%
4	\$ 0.1756	160,041	\$ 0.0480	3.26%	\$ 3,632,208	\$ (163,890)	\$ 3,468,318	3.43%	0.71%
9	\$ 0.1578	158,437	\$ 0.0265	3.23%	\$ 3,884,167	\$ (1,182,186)	\$ 2,701,981	3.67%	5.13%
29	\$ 0.1408	146,215	\$ 0.0051	2.98%	\$ 2,104,391	\$ (1,584,741)	\$ 519,650	1.99%	6.87%
Total for top 10		3,270,382		67%	63,276,280	(18,875,852)	44,400,428	60%	82%

July 2022 – June 2023

Supplier ID	Average Rate	# of Bills	Average Premium	Share of Accounts	Loss Associated with High Prices	Gain Associated with Low Prices	Net Consumer Loss	Share of Loss	Share of Gain
22	\$ 0.1412	617,788	\$ (0.0418)	13.62%	\$ 7,760,097	\$ (23,016,375)	\$ (15,256,278)	7.97%	18.01%
34	\$ 0.1466	529,696	\$ (0.0831)	11.68%	\$ 3,882,674	\$ (34,965,025)	\$ (31,082,351)	3.99%	27.37%
25	\$ 0.2905	515,348	\$ 0.0698	11.36%	\$ 23,385,680	\$ (6,428,286)	\$ 16,957,394	24.02%	5.03%
37	\$ 0.2143	450,413	\$ (0.0088)	9.93%	\$ 7,717,824	\$ (9,969,646)	\$ (2,251,823)	7.93%	7.80%
42	\$ 0.1617	413,493	\$ (0.0611)	9.12%	\$ 2,608,152	\$ (16,830,063)	\$ (14,221,911)	2.68%	13.17%
60	\$ 0.2305	219,173	\$ 0.0210	4.83%	\$ 4,076,218	\$ (1,974,312)	\$ 2,101,906	4.19%	1.55%
26	\$ 0.2227	167,036	\$ 0.0095	3.68%	\$ 3,663,071	\$ (2,779,340)	\$ 883,731	3.76%	2.18%
4	\$ 0.2514	161,935	\$ 0.0440	3.57%	\$ 4,251,727	\$ (1,247,214)	\$ 3,004,514	4.37%	0.98%
29	\$ 0.2524	126,659	\$ 0.0444	2.79%	\$ 6,326,016	\$ (2,834,127)	\$ 3,491,889	6.50%	2.22%
32	\$ 0.1950	118,677	\$ (0.0206)	2.62%	\$ 1,456,036	\$ (2,915,964)	\$ (1,459,928)	1.50%	2.28%
Total for top 10		3,320,218		73.21%	\$ 65,127,495	\$ (102,960,351)	\$ (37,832,856)	66.90%	80.59%

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Table 2.5. Ten Suppliers Responsible for the Greatest Aggregate Net Consumer Loss – All Households (Ranked by Net Consumer Loss)

July 2021 – June 2022

Supplier ID	Average Rate	# of Bills	Average Premium	Share of Accounts	Loss Associated with High Prices	Gain Associated with Low Prices	Net Consumer Loss	Share of Loss	Share of Gain
25	\$ 0.2014	517,451	\$ 0.0698	10.54%	\$ 18,446,774	\$ (937,137)	\$ 17,509,637	17.43%	4.07%
37	\$ 0.1629	456,696	\$ 0.0352	9.30%	\$ 10,554,855	\$ (941,576)	\$ 9,613,279	9.97%	4.08%
60	\$ 0.1798	241,513	\$ 0.0484	4.92%	\$ 6,202,933	\$ (499,948)	\$ 5,702,985	5.86%	2.17%
43	\$ 0.1931	134,686	\$ 0.0734	2.74%	\$ 5,226,519	\$ (88,165)	\$ 5,138,354	4.94%	0.38%
42	\$ 0.1536	375,269	\$ 0.0187	7.64%	\$ 6,091,981	\$ (2,087,703)	\$ 4,004,279	5.76%	9.06%
36	\$ 0.1773	124,805	\$ 0.0492	2.54%	\$ 3,953,930	\$ (381,147)	\$ 3,572,783	3.74%	1.65%
66	\$ 0.2223	77,443	\$ 0.0961	1.58%	\$ 3,542,544	\$ (51,562)	\$ 3,490,982	3.35%	0.22%
4	\$ 0.1756	160,041	\$ 0.0480	3.26%	\$ 3,632,208	\$ (163,890)	\$ 3,468,318	3.43%	0.71%
6	\$ 0.1934	96,490	\$ 0.0613	1.97%	\$ 3,235,497	\$ (81,787)	\$ 3,153,710	3.06%	0.35%
9	\$ 0.1578	158,437	\$ 0.0265	3.23%	\$ 3,884,167	\$ (1,182,186)	\$ 2,701,981	3.67%	5.13%
Total for top 10		2,342,831		48%	\$ 64,771,409	\$ (6,415,100)	\$ 58,356,308	61%	28%

July 2022 – June 2023

Supplier ID	Average Rate	# of Bills	Average Premium	Share of Accounts	Loss Associated with High Prices	Gain Associated with Low Prices	Net Consumer Loss	Share of Loss	Share of Gain
25	\$ 0.2905	515,348	\$ 0.0698	11.36%	\$ 23,385,680	\$ (6,428,286)	\$ 16,957,394	24.02%	5.03%
57	\$ 0.3145	75,804	\$ 0.1104	1.67%	\$ 4,040,377	\$ (155,597)	\$ 3,884,780	4.15%	0.12%
6	\$ 0.3170	72,839	\$ 0.1020	1.61%	\$ 4,064,053	\$ (361,923)	\$ 3,702,130	4.17%	0.28%
29	\$ 0.2524	126,659	\$ 0.0444	2.79%	\$ 6,326,016	\$ (2,834,127)	\$ 3,491,889	6.50%	2.22%
4	\$ 0.2514	161,935	\$ 0.0440	3.57%	\$ 4,251,727	\$ (1,247,214)	\$ 3,004,514	4.37%	0.98%
66	\$ 0.2675	70,729	\$ 0.0779	1.56%	\$ 2,769,625	\$ (278,204)	\$ 2,491,420	2.85%	0.22%
43	\$ 0.2370	100,291	\$ 0.0429	2.21%	\$ 3,218,591	\$ (1,107,108)	\$ 2,111,483	3.31%	0.87%
60	\$ 0.2305	219,173	\$ 0.0210	4.83%	\$ 4,076,218	\$ (1,974,312)	\$ 2,101,906	4.19%	1.55%
36	\$ 0.2323	38,087	\$ 0.0786	0.84%	\$ 1,868,227	\$ (182,155)	\$ 1,686,071	1.92%	0.14%
55	\$ 0.2535	79,067	\$ 0.0410	1.74%	\$ 2,179,117	\$ (623,445)	\$ 1,555,673	2.24%	0.49%
Total for top 10		1,459,932		32%	\$ 56,179,631	\$ (15,192,370)	\$ 40,987,261	58%	12%

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Table 2.6. Total fixed charges imposed by competitive suppliers

July 2021 – June 2022

Income	Total Bills Rendered	Total Bills with Customer Charge	% of Bills with Customer Charge	Total Fixed Charges
All Incomes	4,909,532	336,942	6.9%	\$8,274,298
Low Income	947,108	79,162	8.4%	\$1,734,011
Non-Low Income	3,962,424	257,780	6.5%	\$6,540,287

July 2022 – June 2023

Income	Total Bills Rendered	Total Bills with Customer Charge	% of Bills with Customer Charge	Total Fixed Charges
All Incomes	4,534,969	393,170	8.7%	\$19,032,602
Low Income	882,003	96,292	10.9%	\$4,510,846
Non-Low Income	3,652,966	296,878	8.1%	\$14,521,756

Viewing the fixed customer charges together with the usage-based charges allows us to theorize that some suppliers are charging a flat rate for service, regardless of usage, while others charge a fixed customer fee in addition to usage-based fees. For this two-year period, we found that the majority of fixed fees (72%) were under \$10 per month. The other 28% ranged from \$10 per month to over \$300 per month. Only two competitive suppliers charged fixed fees greater than \$10 per month during this period. One possible explanation for this range in fixed fees is that most of those fees under a certain level (i.e., \$10 per month) are best thought of as monthly customer charges, imposed in addition to usage-based charges. Those above this amount might represent flat-rate charges, regardless of usage. Table 2.7, below, presents the spread of these charges for each supplier.

Table 2.7. Frequency of Fixed / Flat-Rate Charges by Rate Bin, July 2021 – June 2023

Supplier ID	Less than \$3	\$3 - \$5	\$5 - \$10	\$10 - \$25	\$25 - \$50	\$50 - \$75	\$75 - \$100	\$100 - \$200	\$200 - \$300	Greater than \$300
71	0	21,478	3,178	0	0	0	0	0	0	0
70	0	0	0	0	6	17	12	20	0	0
25	3,781	4,438	66,709	0	0	0	0	0	0	0
29	0	5,738	68,044	0	0	0	0	0	0	0
24	0	40,131	59,360	0	0	0	0	0	0	0
22	0	0	0	84	15,995	18,266	52,656	107,037	6,534	2,287
15	39	90	21	0	0	0	0	0	0	0
55	0	9,085	42,782	0	0	0	0	0	0	0
11	0	18	0	0	0	0	0	0	0	0
26	0	4,662	10,119	0	0	0	0	0	0	0
43	0	69,558	111,832	0	0	0	0	0	0	0
18	0	0	2	0	0	0	0	0	0	0
41	1	3	290	0	0	0	0	0	0	0
6	0	3	0	0	0	0	0	0	0	0
13	3,727	2,109	0	0	0	0	0	0	0	0
Total	7,548	157,313	362,337	84	16,001	18,283	52,668	107,057	6,534	2,287

Note: Numbers represent bills rendered in each rate bin. Monthly charges less than \$10 represent 72% of the bills shown here.

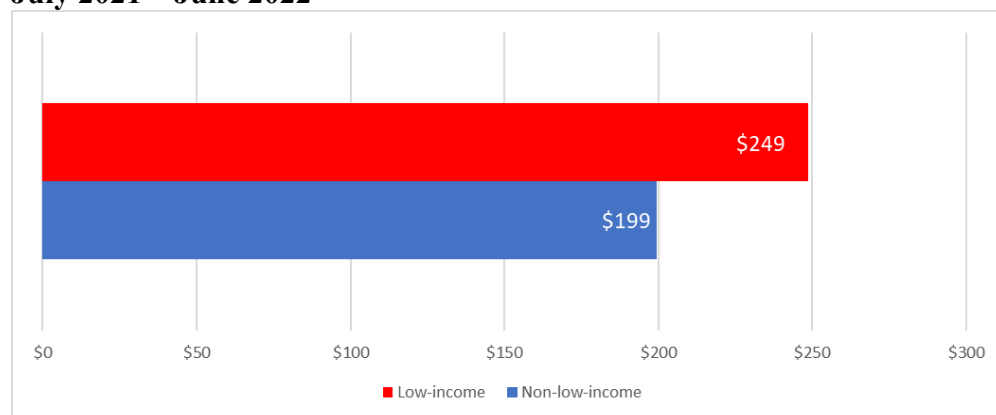
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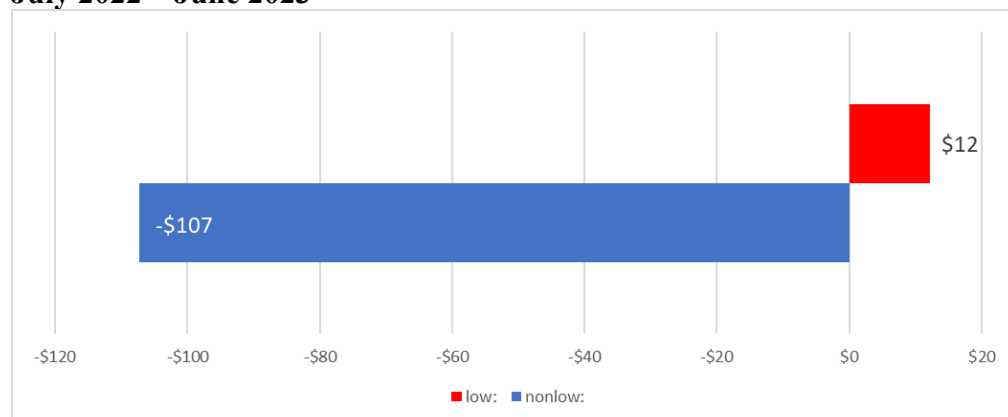
Section 3: Cost of Participation for Low-Income Households in the Individual Residential Electric Supply Market.

Figure 3.1. Low-Income and Non-Low-Income Consumer Average Annual Loss*

July 2021 – June 2022



July 2022 – June 2023



*The analysis in Figure 3.1 assumes the same average annual usage—600 kWh/month—between low-income and non-low-income households for the sake of an apples-to-apples comparison. Actual consumer losses depend on consumers' usage, their choice of supplier, and the rate that the supplier charges (individual suppliers charge a wide range of rates to their various customers).

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Table 3.1. Distribution of Suppliers with Premiums Above \$0.01 Among Low-Income Premiums

July 2021 – June 2022

	\$0.01 to \$0.02	\$0.02 to \$0.03	\$0.03 to \$0.04	\$0.04 to \$0.05	\$0.05 to \$0.06	> \$0.06	
Range of Premium							
Number of Suppliers	2	6	6	6	9	7	

July 2022 – June 2023

	\$0.01 to \$0.02	\$0.02 to \$0.03	\$0.03 to \$0.04	\$0.04 to \$0.05	\$0.05 to \$0.06	> \$0.06	
Range of Premium							
Number of Suppliers	3	1	1	5	3	8	

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Table 3.2. Ten Suppliers with the Highest Average Premium — Low-Income Households

July 2021 – June 2022

Supplier ID	Average Rate	# of Bills	Average Premium	Share of Accounts	Loss Associated with High Prices	Gain Associated with Low Prices	Net Consumer Loss	Share of Loss	Share of Gain
66	\$ 0.2038	27,183	\$ 0.0854	2.87%	\$ 1,189,956	\$ (31,007)	\$ 1,158,950	5.75%	1.04%
43	\$ 0.1820	32,787	\$ 0.0735	3.46%	\$ 1,298,052	\$ (12,712)	\$ 1,285,339	6.28%	0.43%
20	\$ 0.2005	3,926	\$ 0.0686	0.41%	\$ 123,697	\$ (294)	\$ 123,403	0.60%	0.01%
46	\$ 0.1945	10,567	\$ 0.0677	1.12%	\$ 368,750	\$ (2,975)	\$ 365,775	1.78%	0.10%
15	\$ 0.1949	13,244	\$ 0.0658	1.40%	\$ 395,787	\$ (6,101)	\$ 389,686	1.91%	0.21%
72	\$ 0.2002	12	\$ 0.0641	0.00%	\$ 488	\$ -	\$ 488	0.00%	0.00%
6	\$ 0.1926	20,062	\$ 0.0640	2.12%	\$ 652,710	\$ (11,818)	\$ 640,892	3.16%	0.40%
24	\$ 0.1787	17,437	\$ 0.0565	1.84%	\$ 510,647	\$ (6,855)	\$ 503,792	2.47%	0.23%
57	\$ 0.1878	23,577	\$ 0.0561	2.49%	\$ 748,525	\$ (55,675)	\$ 692,850	3.62%	1.87%
60	\$ 0.1832	90,460	\$ 0.0557	9.55%	\$ 2,685,547	\$ (121,028)	\$ 2,564,519	12.99%	4.07%
Total for top 10		239,255		25.26%	\$ 7,974,159	\$ (248,465)	\$ 7,725,694	38.57%	8.37%

July 2022 – June 2023

Supplier ID	Average Rate	# of Bills	Average Premium	Share of Accounts	Loss Associated with High Prices	Gain Associated with Low Prices	Net Consumer Loss	Share of Loss	Share of Gain
20	\$ 0.2971	1,548	\$ 0.1494	0.18%	\$ 106,847	\$ (566)	\$ 106,281	0.56%	0.00%
57	\$ 0.3032	22,707	\$ 0.1251	2.57%	\$ 1,478,025	\$ (25,065)	\$ 1,452,960	7.78%	0.14%
6	\$ 0.3127	13,138	\$ 0.1167	1.49%	\$ 760,272	\$ (52,937)	\$ 707,335	4.00%	0.29%
68	\$ 0.2601	642	\$ 0.0882	0.07%	\$ 36,905	\$ (6,963)	\$ 29,942	0.19%	0.04%
15	\$ 0.2891	12,751	\$ 0.0854	1.45%	\$ 540,706	\$ (79,261)	\$ 461,446	2.85%	0.43%
36	\$ 0.2189	5,357	\$ 0.0788	0.61%	\$ 242,261	\$ (18,543)	\$ 223,718	1.28%	0.10%
66	\$ 0.2257	27,800	\$ 0.0648	3.15%	\$ 1,001,669	\$ (137,758)	\$ 863,911	5.27%	0.76%
52	\$ 0.2363	155	\$ 0.0593	0.02%	\$ 6,087	\$ (352)	\$ 5,734	0.03%	0.00%
24	\$ 0.2531	15,177	\$ 0.0564	1.72%	\$ 566,714	\$ (159,778)	\$ 406,935	2.98%	0.88%
43	\$ 0.2111	21,831	\$ 0.0529	2.48%	\$ 777,603	\$ (213,637)	\$ 563,966	4.09%	1.17%
Total for top 10		99,275		11.26%	\$ 4,739,486	\$ (481,224)	\$ 4,258,262	24.95%	2.64%

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Table 3.3. Ten Suppliers with the Highest Number of Bills – Low-Income Households

July 2021 – June 2022

Supplier ID	Average Rate	# of Bills	Average Premium	Share of Accounts	Loss Associated with High Prices	Gain Associated with Low Prices	Net Consumer Loss	Share of Loss	Share of Gain
22	\$ 0.1174	117,200	\$ 0.0044	12.37%	\$ 1,166,638	\$ (849,734)	\$ 316,905	5.64%	28.61%
25	\$ 0.1630	101,313	\$ 0.0355	10.70%	\$ 1,908,121	\$ (198,993)	\$ 1,709,128	9.23%	6.70%
60	\$ 0.1832	90,460	\$ 0.0557	9.55%	\$ 2,685,547	\$ (121,028)	\$ 2,564,519	12.99%	4.07%
37	\$ 0.1585	63,645	\$ 0.0313	6.72%	\$ 1,334,747	\$ (148,254)	\$ 1,186,493	6.46%	4.99%
42	\$ 0.1584	59,963	\$ 0.0236	6.33%	\$ 1,010,977	\$ (247,412)	\$ 763,566	4.89%	8.33%
4	\$ 0.1747	57,142	\$ 0.0487	6.03%	\$ 1,309,631	\$ (53,657)	\$ 1,255,974	6.33%	1.81%
34	\$ 0.1211	37,613	\$ (0.0042)	3.97%	\$ 312,785	\$ (419,303)	\$ (106,517)	1.51%	14.12%
26	\$ 0.1359	35,915	\$ 0.0066	3.79%	\$ 311,983	\$ (184,483)	\$ 127,501	1.51%	6.21%
43	\$ 0.1820	32,787	\$ 0.0735	3.46%	\$ 1,298,052	\$ (12,712)	\$ 1,285,339	6.28%	0.43%
17	\$ 0.1706	29,693	\$ 0.0433	3.14%	\$ 772,629	\$ (52,886)	\$ 719,743	3.74%	1.78%
Total for top 10		625,731		66.07%	\$ 12,111,110	\$ (2,288,461)	\$ 9,822,649	58.57%	77.05%

July 2022 – June 2023

Supplier ID	Average Rate	# of Bills	Average Premium	Share of Accounts	Loss Associated with High Prices	Gain Associated with Low Prices	Net Consumer Loss	Share of Loss	Share of Gain
22	\$ 0.1341	128,432	\$ (0.0448)	14.56%	\$ 1,660,213	\$ (5,143,316)	\$ (3,483,102)	8.74%	28.21%
25	\$ 0.2224	108,795	\$ 0.0121	12.33%	\$ 2,192,539	\$ (1,584,037)	\$ 608,501	11.54%	8.69%
60	\$ 0.2303	83,540	\$ 0.0335	9.47%	\$ 1,822,065	\$ (521,126)	\$ 1,300,939	9.59%	2.86%
37	\$ 0.2096	71,161	\$ (0.0175)	8.07%	\$ 1,262,574	\$ (1,968,199)	\$ (705,625)	6.65%	10.80%
42	\$ 0.1659	67,853	\$ (0.0478)	7.69%	\$ 412,534	\$ (2,070,599)	\$ (1,658,065)	2.17%	11.36%
4	\$ 0.2367	58,721	\$ 0.0485	6.66%	\$ 1,623,651	\$ (430,692)	\$ 1,192,959	8.55%	2.36%
34	\$ 0.1510	40,657	\$ (0.0772)	4.61%	\$ 332,946	\$ (2,356,370)	\$ (2,023,424)	1.75%	12.92%
66	\$ 0.2257	27,800	\$ 0.0648	3.15%	\$ 1,001,669	\$ (137,758)	\$ 863,911	5.27%	0.76%
17	\$ 0.1957	24,944	\$ (0.0122)	2.83%	\$ 365,982	\$ (526,672)	\$ (160,691)	1.93%	2.89%
57	\$ 0.3032	22,707	\$ 0.1251	2.57%	\$ 1,478,025	\$ (25,065)	\$ 1,452,960	7.78%	0.14%
Total for top 10		634,610		71.95%	\$ 12,152,198	\$ (14,763,833)	\$ (2,611,636)	63.96%	80.98%

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Table 3.4. Ten Suppliers Responsible for the Greatest Aggregate Net Consumer Loss – Low-Income Households

July 2021 – June 2022

Supplier ID	Average Rate	# of Bills	Average Premium	Share of Accounts	Loss Associated with High Prices	Gain Associated with Low Prices	Net Consumer Loss	Share of Loss	Share of Gain
60	\$ 0.1832	90,460	\$ 0.0557	9.55%	\$ 2,685,547	\$ (121,028)	\$ 2,564,519	12.99%	4.07%
25	\$ 0.1630	101,313	\$ 0.0355	10.70%	\$ 1,908,121	\$ (198,993)	\$ 1,709,128	9.23%	6.70%
43	\$ 0.1820	32,787	\$ 0.0735	3.46%	\$ 1,298,052	\$ (12,712)	\$ 1,285,339	6.28%	0.43%
4	\$ 0.1747	57,142	\$ 0.0487	6.03%	\$ 1,309,631	\$ (53,657)	\$ 1,255,974	6.33%	1.81%
37	\$ 0.1585	63,645	\$ 0.0313	6.72%	\$ 1,334,747	\$ (148,254)	\$ 1,186,493	6.46%	4.99%
66	\$ 0.2038	27,183	\$ 0.0854	2.87%	\$ 1,189,956	\$ (31,007)	\$ 1,158,950	5.75%	1.04%
42	\$ 0.1584	59,963	\$ 0.0236	6.33%	\$ 1,010,977	\$ (247,412)	\$ 763,566	4.89%	8.33%
12	\$ 0.1666	26,945	\$ 0.0556	2.84%	\$ 768,361	\$ (9,245)	\$ 759,116	3.72%	0.31%
17	\$ 0.1706	29,693	\$ 0.0433	3.14%	\$ 772,629	\$ (52,886)	\$ 719,743	3.74%	1.78%
57	\$ 0.1878	23,577	\$ 0.0561	2.49%	\$ 748,525	\$ (55,675)	\$ 692,850	3.62%	1.87%
Total for top 10		512,708		54.13%	\$ 13,026,546	\$ (930,869)	\$ 12,095,677	63.00%	31.34%

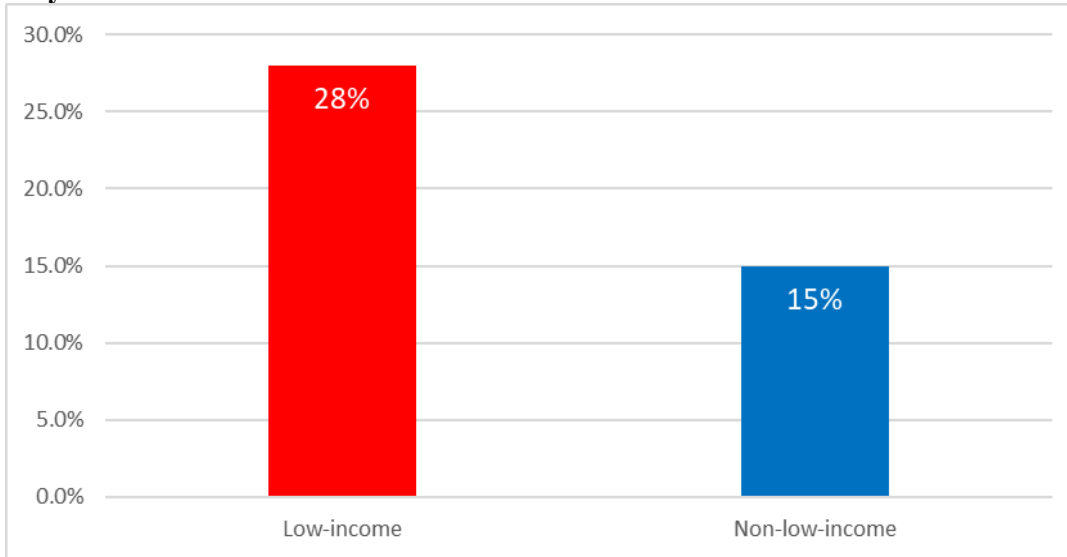
July 2022 – June 2023

Supplier ID	Average Rate	# of Bills	Average Premium	Share of Accounts	Loss Associated with High Prices	Gain Associated with Low Prices	Net Consumer Loss	Share of Loss	Share of Gain
57	\$ 0.3032	22,707	\$ 0.1251	2.57%	\$ 1,478,025	\$ (25,065)	\$ 1,452,960	7.78%	0.14%
60	\$ 0.2303	83,540	\$ 0.0335	9.47%	\$ 1,822,065	\$ (521,126)	\$ 1,300,939	9.59%	2.86%
4	\$ 0.2367	58,721	\$ 0.0485	6.66%	\$ 1,623,651	\$ (430,692)	\$ 1,192,959	8.55%	2.36%
66	\$ 0.2257	27,800	\$ 0.0648	3.15%	\$ 1,001,669	\$ (137,758)	\$ 863,911	5.27%	0.76%
6	\$ 0.3127	13,138	\$ 0.1167	1.49%	\$ 760,272	\$ (52,937)	\$ 707,335	4.00%	0.29%
25	\$ 0.2224	108,795	\$ 0.0121	12.33%	\$ 2,192,539	\$ (1,584,037)	\$ 608,501	11.54%	8.69%
43	\$ 0.2111	21,831	\$ 0.0529	2.48%	\$ 777,603	\$ (213,637)	\$ 563,966	4.09%	1.17%
29	\$ 0.2442	21,639	\$ 0.0469	2.45%	\$ 937,349	\$ (405,818)	\$ 531,531	4.93%	2.23%
15	\$ 0.2891	12,751	\$ 0.0854	1.45%	\$ 540,706	\$ (79,261)	\$ 461,446	2.85%	0.43%
46	\$ 0.2486	18,795	\$ 0.0482	2.13%	\$ 595,739	\$ (186,635)	\$ 409,104	3.14%	1.02%
Total for top 10		389,717		44.19%	\$ 11,729,618	\$ (3,636,966)	\$ 8,092,652	61.74%	19.95%

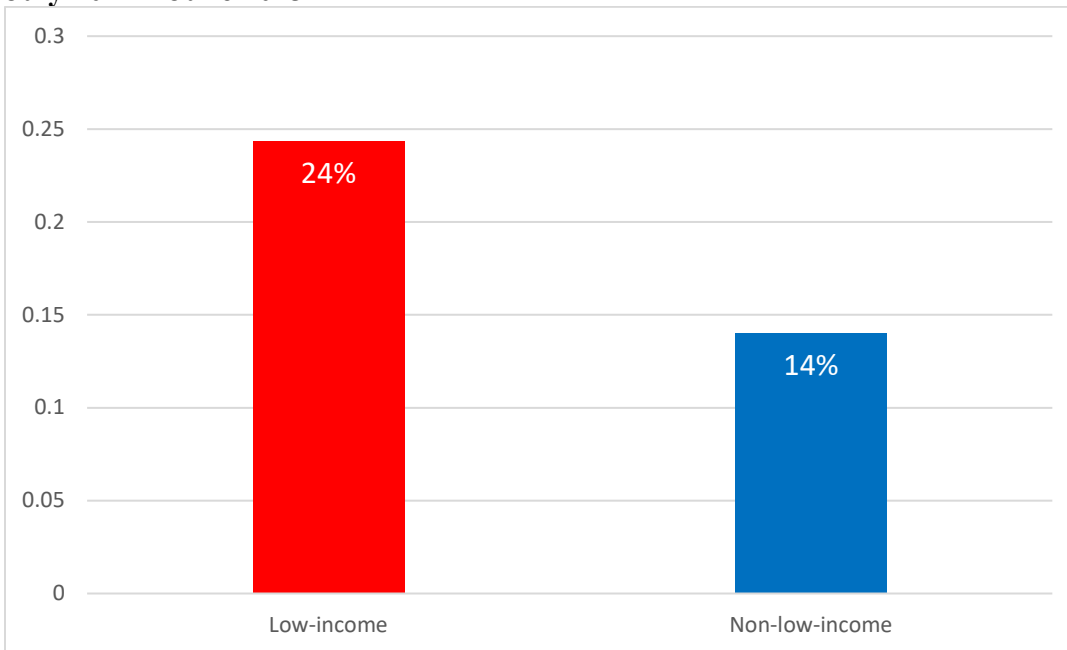
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Figure 3.2. Low-Income and Non-Low-Income Consumer Participation Rates

July 2021 – June 2022



July 2022 – June 2023



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Section 4: Demographic and Municipality-by-Municipality Analyses.

Table 4.1. Participation Rates and Premiums Paid Based on Communities' Demographics (April 2023)

	Participation			Premium
Communities vs. Rest of State	All	Low-Income	Non-Low-Income	All
Communities of Color	27%	31%	25%	-\$0.0592
Rest of State	27%	19%	28%	-\$0.0969
Bottom 25 Median Incomes	31%	30%	31%	-\$0.0623
Rest of State	27%	21%	27%	-\$0.0962
Top 25 Median Incomes	15%	12%	15%	-\$0.0580
Rest of State	27%	23%	28%	-\$0.0964
Top 20 Limited English Proficiency	26%	32%	24%	-\$0.0566
Rest of State	27%	21%	28%	-\$0.0954

Table 4.2. Ten Municipalities with the Highest Aggregate Net Consumer Loss - All Incomes (April 2023)

Municipality	Total Consumer Loss in Month	Average Per Household Loss in Month	Premium (per kWh)	% Households Participating in Competitive Supply Market	# Competitive Supply Accounts
Springfield	\$61,454	\$5.05	\$0.0104	21%	12,160
Newton	\$41,578	\$11.43	\$0.0187	10%	3,638
Cambridge	\$34,821	\$9.01	\$0.0258	8%	3,866
Fitchburg	\$24,512	\$15.71	\$0.0275	9%	1,560
Pittsfield	\$24,136	\$11.09	\$0.0238	10%	2,176
Brookline	\$15,064	\$8.43	\$0.0174	8%	1,786
Greenfield	\$14,171	\$17.52	\$0.0376	10%	809
West Springfield	\$12,148	\$7.81	\$0.0156	14%	1,555
Lexington	\$5,761	\$6.12	\$0.0101	8%	941
Dalton	\$3,547	\$14.30	\$0.0292	9%	248

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Figure 4.1. Percent of All Electric Consumers Enrolled in Competitive Supply

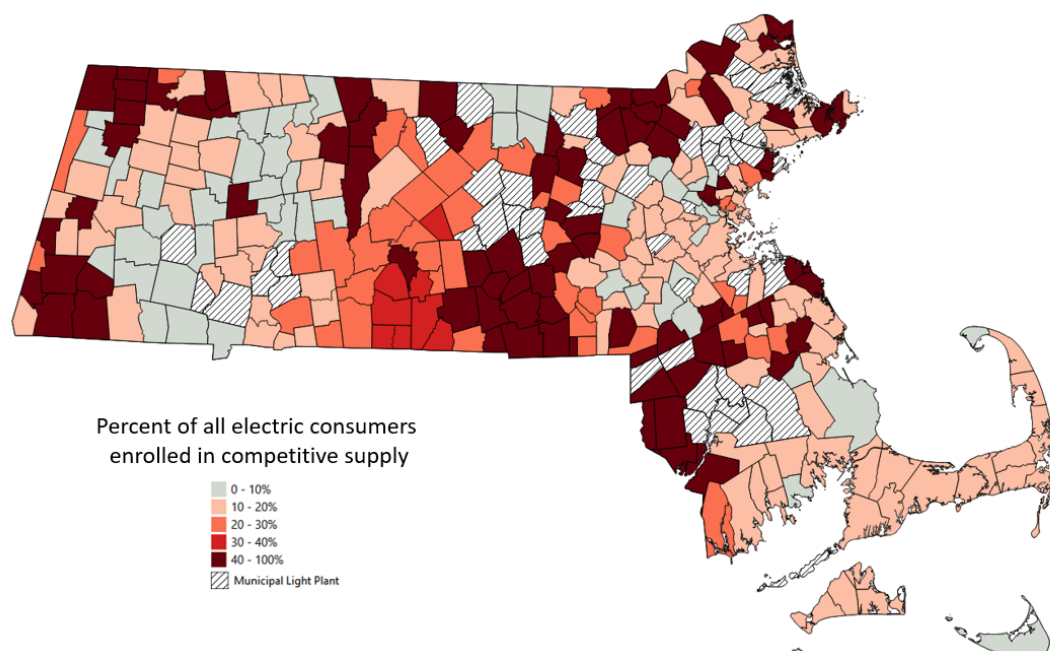
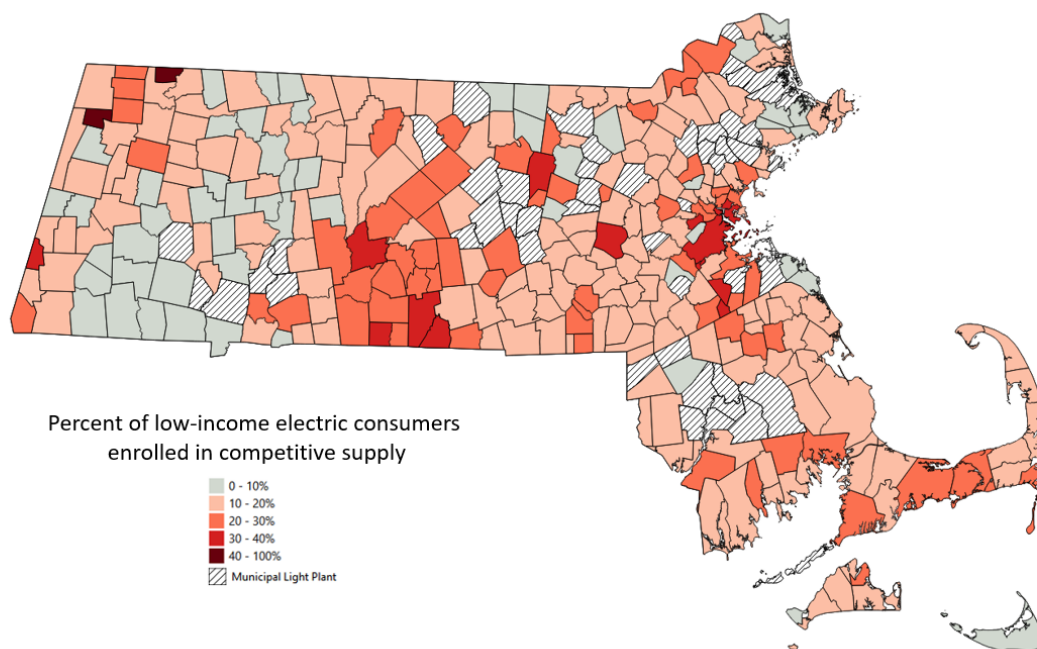


Figure 4.2. Percent of Low-Income Electric Consumers Enrolled in Competitive Supply



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Figure 4.3. Percent of Non-Low-Income Electric Consumers Enrolled in Competitive Supply

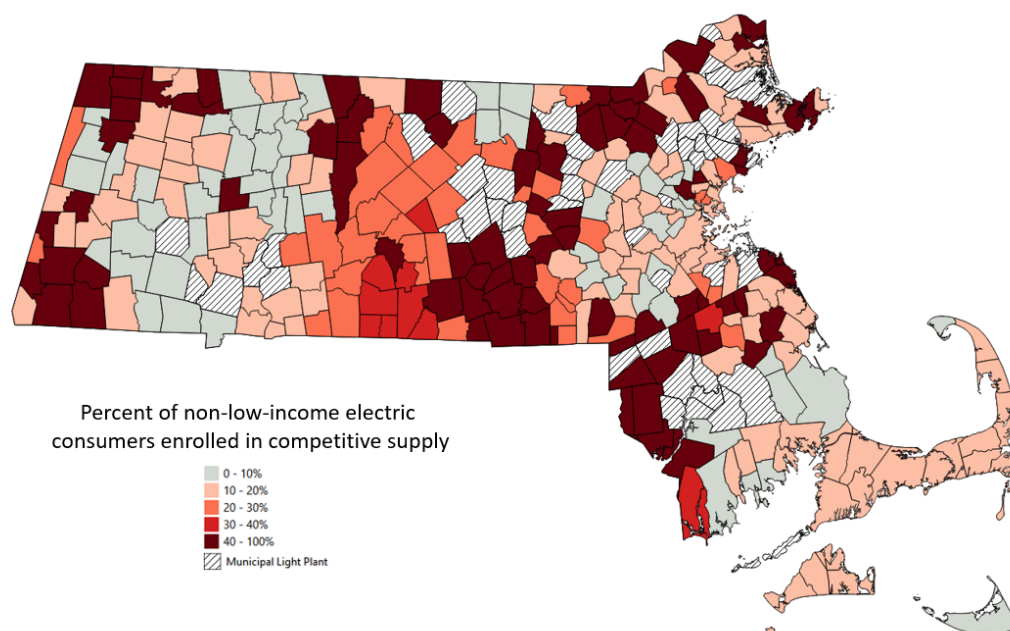
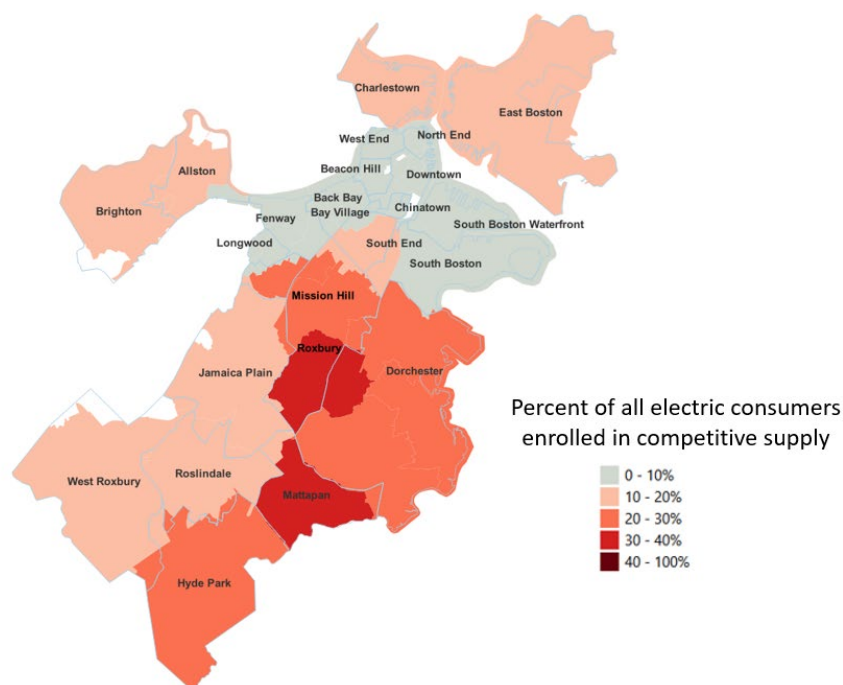
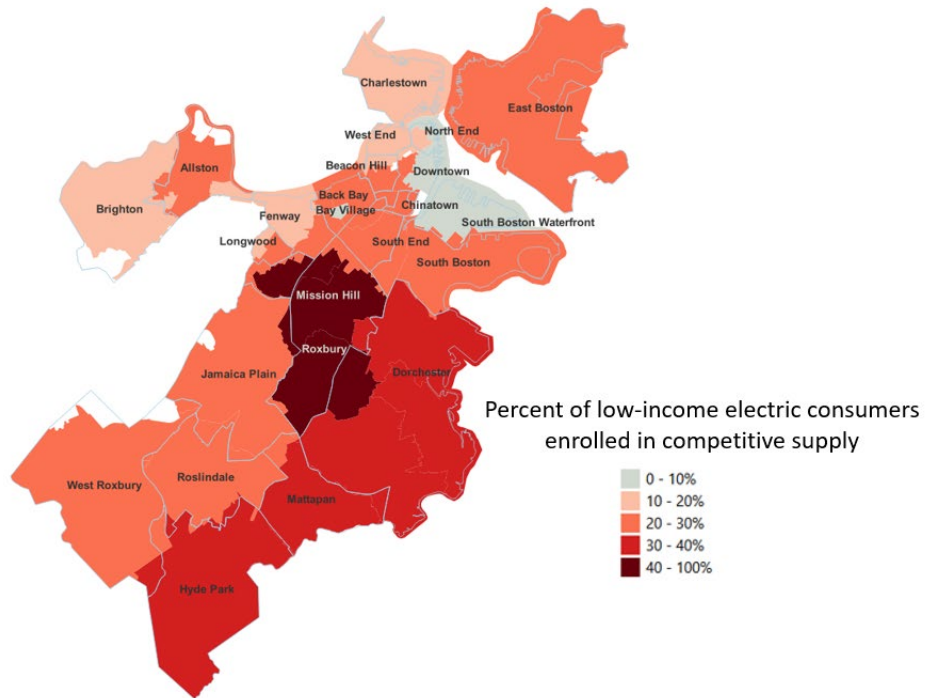


Figure 4.4. Percent of All Electric Consumers Enrolled in Competitive Supply



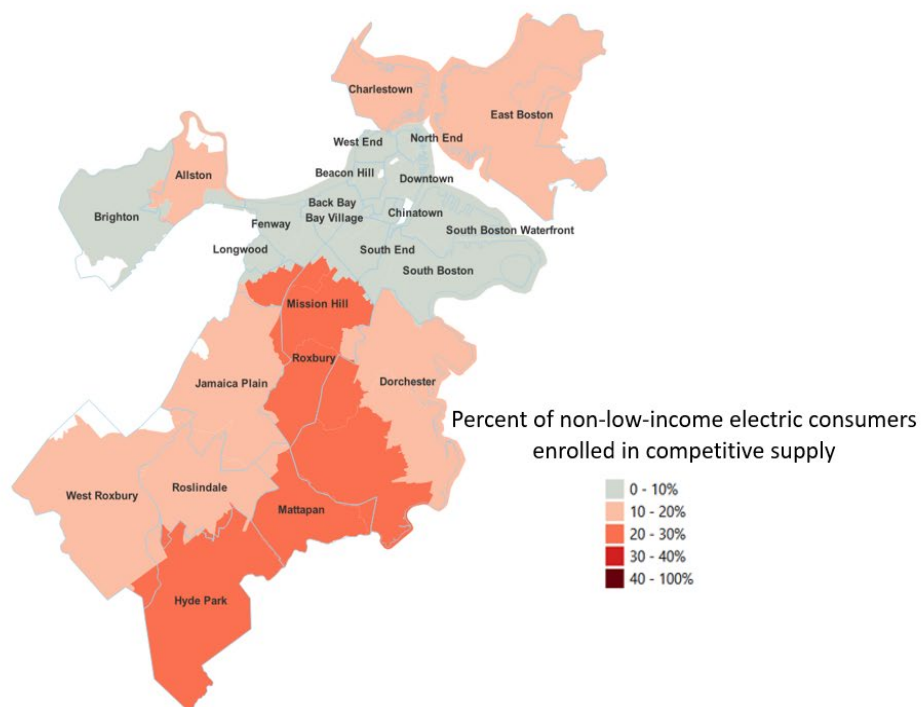
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Figure 4.5. Percent of Low-Income Electric Consumers Enrolled in Competitive Supply



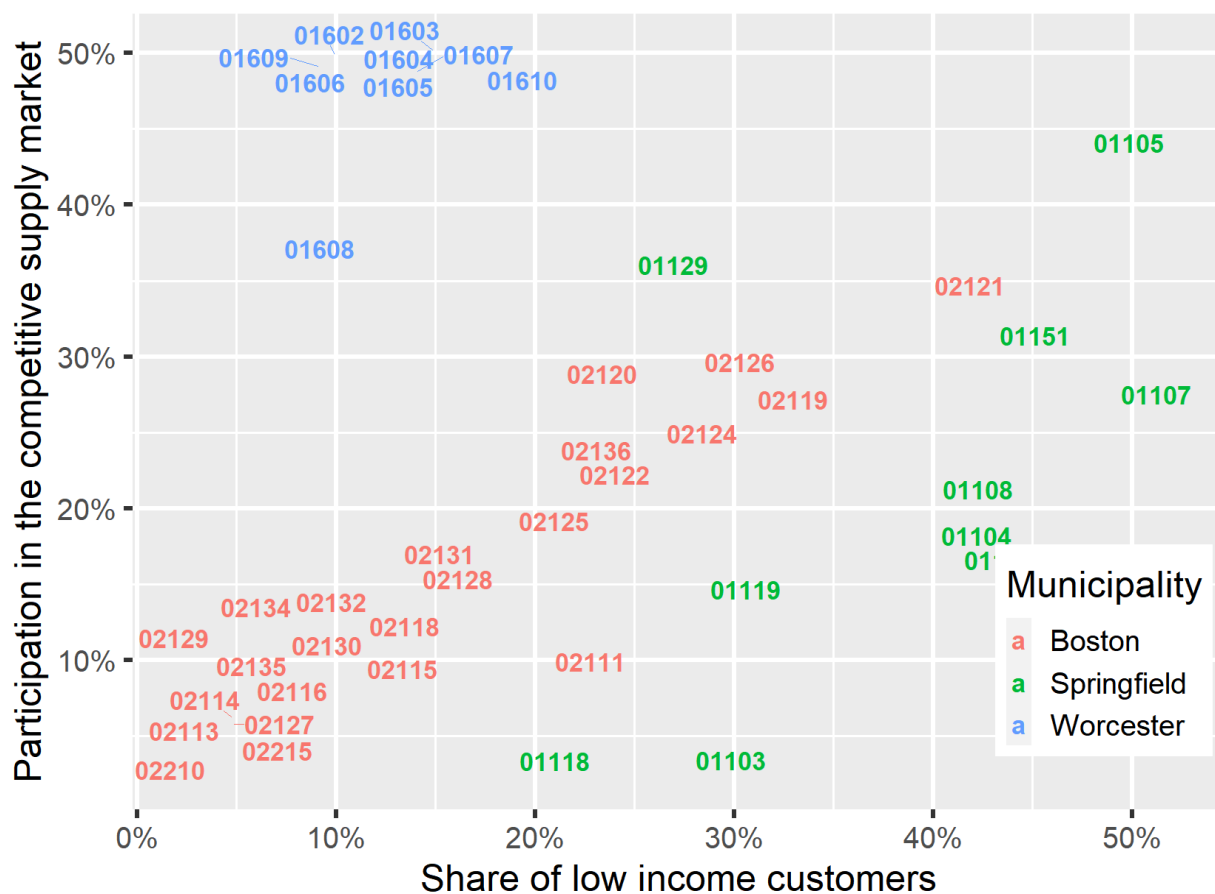
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Figure 4.6. Percent of Non-Low-Income Electric Consumers Enrolled in Competitive Supply



A Predatory and Broken Market: the 2024 Update **Analysis of the Individual Residential Electric Supply Market in Massachusetts**

Figure 4.7. Boston, Springfield, and Worcester Zip Codes by Share of Low-Income Consumers and Rate of Participation in the Individual Residential Electric Supply Market (April 2023)



Appendix ES1

Experience and Qualifications of Susan M. Baldwin

Experience and Qualifications of Susan M. Baldwin

Susan M. Baldwin has forty-six years of experience in public policy, which includes five years analyzing solar energy and energy efficiency for local, state and regional agencies, one year analyzing low-income issues for the budget office of a state welfare agency, and, most recently, 40 years analyzing the economics and regulation of the telecommunications and energy industries. She served as the Director of the Telecommunications Division for the Massachusetts Department of Public Utilities (which was subsequently reorganized), as a Senior Vice President for a consulting firm, and, since 2001, has been an independent consultant.

Since 2013, in addition to her ongoing contributions to state and federal telecommunications policy, Ms. Baldwin has assisted consumer advocate agencies with the customer service of electric and gas utilities and with in-depth analyses of residential and small business retail energy supply markets. In her capacity as an independent consultant, Ms. Baldwin sponsors expert testimony and reports submitted in state and federal regulatory proceedings, contributes to the policymaking by state legislatures, and writes detailed reports on telecommunications and energy policy. She has testified before 24 state public utility commissions in more than 75 regulatory proceedings as well as before five state legislative committees. She has submitted expert reports in four state taxation proceedings and has contributed to dozens of comments and declarations filed in Federal Communications Commission proceedings.

Ms. Baldwin earned her Master of Economics from Boston University, her Master of Public Policy from the Harvard Kennedy School, and her Bachelor of Arts degree in Mathematics and English from Wellesley College.

Appendix ES2

Experience and Qualifications of Timothy E. Howington

Experience and Qualifications of Timothy E. Howington

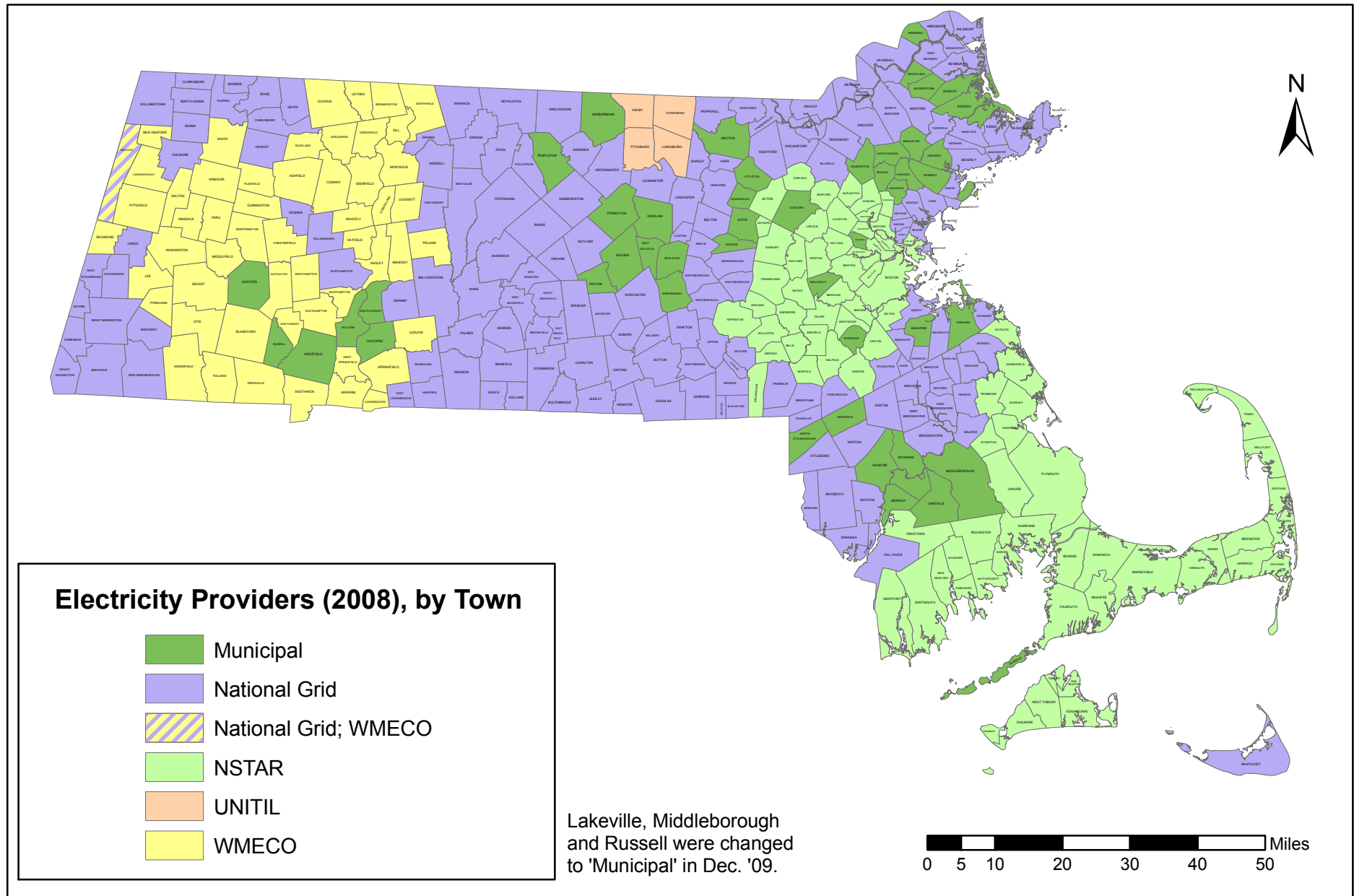
Timothy E. Howington is an analyst with over twenty years of experience in a variety of disciplines, including economic development, utility regulation, and geospatial modelling. From 2001 to 2003 Mr. Howington led research efforts at Massachusetts Development Finance Agency, Massachusetts' quasi-public economic development authority. His duties in that position included creating location cost comparisons, evaluating tax structures and incentive programs for businesses, and contributing to economic impacts analyses.

Since 2003, Mr. Howington has contributed to numerous telecommunications and energy regulatory proceedings at the state and federal level addressing topics of concern to utility consumers, including market concentration and industry consolidation, differentials in product availability and service quality, and pricing.

Since 2012, Mr. Howington has contributed to the development of spatially-aware and cartographic solutions for the insurance, reinsurance, agriculture, and supply chain industries. Mr. Howington earned an M.S. in Geo-Information Science from Salem State University, an M.A. in Economics from Boston University, and a B.A. in Near Eastern Languages and Civilizations from the University of Chicago.

Appendix 1A

Map of EDC Service Areas and Municipal Light Plant Towns



Map of EDC Areas and Municipal Light Plant Towns

Appendix 2A

EDC Rates During Study Period: July 2015 – June 2016; July 2016 – June 2017; July 2017 – June 2018; July 2018 – June 2019; July 2019 – June 2020; July 2020 – June 2021; July 2021 – June 2022; July 2022 – June 2023

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Appendix 2A

EDC Rates During Study Period

Months	Number of Months	July 2015 - June 2016	July 2016 - June 2017	July 2017- June 2018	July 2018 - June 2019	July 2019 - June 2020	July 2020 -June 2021	July 2021 - June 2022	July 2022 - June 2023
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National Grid (MECo and Nantucket)

July - Sept	3	\$ 0.09257	\$ 0.08042	\$ 0.09432	\$ 0.10870	\$ 0.10793	\$ 0.09898	\$ 0.09707	\$ 0.11491
Oct	1	\$ 0.09257	\$ 0.08084	\$ 0.09432	\$ 0.10870	\$ 0.10793	\$ 0.09898	\$ 0.09707	\$ 0.11491
Nov - Apr	6	\$ 0.13038	\$ 0.09787	\$ 0.12673	\$ 0.13718	\$ 0.13982	\$ 0.12388	\$ 0.14821	\$ 0.33891
May - June	2	\$ 0.08042	\$ 0.09432	\$ 0.10870	\$ 0.10793	\$ 0.09898	\$ 0.09707	\$ 0.11491	\$ 0.14115

NSTAR

July - Dec	6	\$ 0.10050	\$ 0.08208	\$ 0.10759	\$ 0.11397	\$ 0.10836	\$ 0.09877	\$ 0.10753	\$ 0.17871
Jan - June	6	\$ 0.10844	\$ 0.10318	\$ 0.12881	\$ 0.13588	\$ 0.12517	\$ 0.11795	\$ 0.15764	\$ 0.25776

WMECo

July - Dec	6	\$ 0.09767	\$ 0.07708	\$ 0.08653	\$ 0.10003	\$ 0.09851	\$ 0.09020	\$ 0.09468	\$ 0.15348
Jan	1	\$ 0.10426	\$ 0.09126	\$ 0.10486	\$ 0.11678	\$ 0.11666	\$ 0.10708	\$ 0.13731	\$ 0.21991
Feb - June	5	\$ 0.10426	\$ 0.09126	\$ 0.10503	\$ 0.11678	\$ 0.11666	\$ 0.10708	\$ 0.13731	\$ 0.21991

Fitchburg

July - Nov	4	\$ 0.07878	\$ 0.07878	\$ 0.09934	\$ 0.10556	\$ 0.09980	\$ 0.09300	\$ 0.09554	\$ 0.13436
Dec	1	\$ 0.07878	\$ 0.07878	\$ 0.09934	\$ 0.10556	\$ 0.09980	\$ 0.09300	\$ 0.15298	\$ 0.17859
Jan - May	5	\$ 0.12239	\$ 0.09704	\$ 0.12340	\$ 0.12915	\$ 0.12388	\$ 0.11239	\$ 0.15298	\$ 0.21429
June	1	\$ 0.11191	\$ 0.09934	\$ 0.10556	\$ 0.09980	\$ 0.09300	\$ 0.09554	\$ 0.13436	\$ 0.21429

Appendix 2B

Consumer Loss, Premium, and Participation by Municipality – All Households (April 2023)

Consumer Loss, Premium, and Participation by Municipality
All Households
April 2023

Municipality	Total Consumer Loss in Month	Average Per Household Loss in Month	Premium (per kWh)	% Households Participating in Competitive Supply Market	# Competitive Supply Accounts
Abington	(\$234,221)	(\$44.34)	(\$0.07)	50%	5,282
Acton	(\$24,401)	(\$24.77)	(\$0.05)	11%	985
Acushnet	(\$5,882)	(\$10.52)	(\$0.02)	13%	559
Adams	(\$507,357)	(\$153.37)	(\$0.21)	49%	3,308
Agawam	(\$5,820)	(\$3.71)	(\$0.01)	13%	1,568
Alford	(\$9,015)	(\$108.61)	(\$0.13)	23%	83
Amesbury	(\$85,133)	(\$82.81)	(\$0.14)	14%	1,028
Amherst	(\$13)	(\$0.01)	\$0.00	9%	897
Andover	(\$235,886)	(\$107.61)	(\$0.15)	17%	2,192
Aquinnah	(\$1,038)	(\$17.01)	(\$0.03)	12%	61
Arlington	(\$41,799)	(\$24.60)	(\$0.04)	9%	1,699
Ashby	(\$51)	(\$8.51)	(\$0.02)	0%	6
Ashfield	\$1,169	\$11.93	\$0.02	11%	98
Ashland	(\$12,843)	(\$16.44)	(\$0.03)	10%	781
Athol	(\$106,887)	(\$93.43)	(\$0.14)	22%	1,144
Attleboro	(\$1,672,288)	(\$120.33)	(\$0.22)	48%	13,898
Auburn	(\$329,579)	(\$63.22)	(\$0.12)	50%	5,213
Avon	(\$3,334)	(\$58.49)	(\$0.14)	49%	57
Ayer	(\$50,989)	(\$78.32)	(\$0.14)	18%	651
Barnstable	(\$153,211)	(\$30.65)	(\$0.05)	19%	4,998
Barre	(\$52,371)	(\$96.80)	(\$0.15)	25%	541
Becket	(\$550)	(\$4.66)	(\$0.01)	7%	118
Bedford	(\$7,490)	(\$17.34)	(\$0.03)	8%	432
Belchertown	(\$118,513)	(\$88.91)	(\$0.14)	21%	1,333
Bellingham	(\$8,749)	(\$24.37)	(\$0.06)	18%	359
Berlin	(\$160,546)	(\$138.04)	(\$0.21)	48%	1,163
Bernardston	(\$1,300)	(\$11.51)	(\$0.02)	11%	113
Beverly	(\$208,483)	(\$82.44)	(\$0.14)	16%	2,529
Billerica	(\$1,654,688)	(\$130.36)	(\$0.23)	48%	12,693
Blackstone	(\$59,323)	(\$75.57)	(\$0.15)	22%	785

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Appendix 2B

Municipality	Total Consumer Loss in Month	Average Per Household Loss in Month	Premium (per kWh)	% Households Participating in Competitive Supply Market	# Competitive Supply Accounts
Blandford	(\$239)	(\$4.78)	(\$0.01)	8%	50
Bolton	(\$54,226)	(\$116.36)	(\$0.15)	25%	466
Boston	(\$478,066)	(\$11.36)	(\$0.03)	15%	42,076
Bourne	(\$32,181)	(\$19.67)	(\$0.04)	15%	1,636
Boxford	(\$69,390)	(\$134.48)	(\$0.15)	18%	516
Brewster	(\$27,371)	(\$19.95)	(\$0.04)	17%	1,372
Bridgewater	(\$134,572)	(\$80.92)	(\$0.14)	18%	1,663
Brimfield	(\$56,037)	(\$106.94)	(\$0.15)	33%	524
Brockton	(\$571,808)	(\$60.14)	(\$0.12)	30%	9,508
Brookfield	(\$53,500)	(\$115.30)	(\$0.15)	31%	464
Brookline	\$15,064	\$8.43	\$0.02	8%	1,786
Buckland	\$970	\$12.93	\$0.02	8%	75
Burlington	(\$50,864)	(\$34.28)	(\$0.06)	15%	1,484
Cambridge	\$34,821	\$9.01	\$0.03	8%	3,866
Canton	(\$31,888)	(\$26.80)	(\$0.05)	13%	1,190
Carlisle	(\$3,282)	(\$16.17)	(\$0.02)	11%	203
Carver	(\$13,520)	(\$26.67)	(\$0.04)	10%	507
Charlemont	(\$67,841)	(\$129.96)	(\$0.22)	47%	522
Charlton	(\$577,309)	(\$135.04)	(\$0.18)	51%	4,275
Chatham	(\$13,280)	(\$14.47)	(\$0.03)	13%	918
Chelmsford	(\$1,276,878)	(\$109.72)	(\$0.22)	48%	11,638
Chelsea	(\$41,586)	(\$11.15)	(\$0.03)	27%	3,729
Cheshire	(\$147,362)	(\$118.74)	(\$0.22)	49%	1,241
Chesterfield	(\$56)	(\$1.08)	(\$0.00)	8%	52
Chilmark	(\$4,245)	(\$24.26)	(\$0.03)	11%	175
Clarksburg	(\$70,166)	(\$123.97)	(\$0.22)	50%	566
Clinton	(\$84,460)	(\$62.66)	(\$0.12)	21%	1,348
Cohasset	(\$342,196)	(\$124.93)	(\$0.17)	48%	2,739
Colrain	\$119	\$1.29	\$0.00	11%	92
Conway	\$642	\$9.59	\$0.02	8%	67
Cummington	\$978	\$17.78	\$0.03	10%	55
Dalton	\$3,547	\$14.30	\$0.03	9%	248
Dartmouth	(\$15,713)	(\$11.81)	(\$0.03)	10%	1,331
Dedham	(\$29,364)	(\$23.38)	(\$0.04)	13%	1,256

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Appendix 2B

Municipality	Total Consumer Loss in Month	Average Per Household Loss in Month	Premium (per kWh)	% Households Participating in Competitive Supply Market	# Competitive Supply Accounts
Deerfield	\$708	\$3.58	\$0.01	8%	198
Dennis	(\$38,089)	(\$18.93)	(\$0.05)	13%	2,012
Douglas	(\$407,521)	(\$136.89)	(\$0.22)	48%	2,977
Dover	(\$19,133)	(\$68.09)	(\$0.06)	13%	281
Dracut	(\$1,059,094)	(\$113.94)	(\$0.22)	47%	9,295
Dudley	(\$114,838)	(\$99.34)	(\$0.15)	26%	1,156
Dunstable	(\$33,367)	(\$122.22)	(\$0.15)	23%	273
Duxbury	(\$29,735)	(\$38.27)	(\$0.06)	12%	777
East Bridgewater	(\$101,459)	(\$93.34)	(\$0.14)	22%	1,087
East Brookfield	(\$29,168)	(\$101.63)	(\$0.15)	29%	287
East Longmeadow	(\$82,714)	(\$78.77)	(\$0.13)	18%	1,050
Eastham	(\$11,972)	(\$14.17)	(\$0.03)	14%	845
Easthampton	\$3,482	\$4.15	\$0.01	11%	839
Easton	(\$1,086,735)	(\$146.09)	(\$0.22)	49%	7,439
Edgartown	(\$35,475)	(\$46.92)	(\$0.06)	14%	756
Egremont	(\$98,973)	(\$132.49)	(\$0.21)	47%	747
Erving	(\$3,668)	(\$34.94)	(\$0.06)	14%	105
Essex	(\$15,821)	(\$85.52)	(\$0.13)	11%	185
Everett	(\$158,928)	(\$44.69)	(\$0.12)	22%	3,556
Fairhaven	(\$6,120)	(\$8.24)	(\$0.02)	10%	743
Fall River	(\$1,983,180)	(\$74.08)	(\$0.19)	48%	26,770
Falmouth	(\$47,265)	(\$14.37)	(\$0.03)	15%	3,290
Fitchburg	\$24,512	\$15.71	\$0.03	9%	1,560
Florida	(\$36,699)	(\$120.72)	(\$0.22)	49%	304
Foxborough	(\$525,849)	(\$94.00)	(\$0.17)	46%	5,594
Framingham	(\$142,653)	(\$24.05)	(\$0.05)	22%	5,931
Franklin	(\$1,301,104)	(\$123.67)	(\$0.22)	50%	10,521
Freetown	(\$6,686)	(\$17.88)	(\$0.03)	11%	374
Gardner	(\$318,181)	(\$50.12)	(\$0.11)	48%	6,349
Gill	\$665	\$13.04	\$0.03	8%	51
Gloucester	(\$1,376,139)	(\$123.85)	(\$0.21)	46%	11,111
Goshen	(\$2,712)	(\$49.31)	(\$0.13)	9%	55
Grafton	(\$744,969)	(\$118.42)	(\$0.22)	49%	6,291

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Appendix 2B

Municipality	Total Consumer Loss in Month	Average Per Household Loss in Month	Premium (per kWh)	% Households Participating in Competitive Supply Market	# Competitive Supply Accounts
Granby	(\$42,196)	(\$88.46)	(\$0.15)	20%	477
Granville	NA	NA	NA	0%	0
Great Barrington	(\$172,379)	(\$62.43)	(\$0.12)	47%	2,761
Greenfield	\$14,171	\$17.52	\$0.04	10%	809
Hadley	\$71	\$35.39	\$0.05	0%	2
Halifax	(\$311,616)	(\$131.59)	(\$0.21)	49%	2,368
Hamilton	(\$293,700)	(\$128.03)	(\$0.21)	47%	2,294
Hampden	(\$40,927)	(\$102.83)	(\$0.15)	20%	398
Hancock	(\$17,467)	(\$94.93)	(\$0.17)	25%	184
Hanover	(\$90,134)	(\$95.89)	(\$0.14)	18%	940
Hanson	(\$72,790)	(\$93.68)	(\$0.14)	20%	777
Hardwick	(\$27,232)	(\$82.52)	(\$0.12)	26%	330
Harvard	(\$119,017)	(\$67.62)	(\$0.08)	49%	1,760
Harwich	(\$29,557)	(\$18.71)	(\$0.04)	15%	1,580
Hatfield	\$1,522	\$10.28	\$0.02	9%	148
Haverhill	(\$1,625,014)	(\$97.24)	(\$0.21)	44%	16,711
Hawley	(\$2,906)	(\$80.71)	(\$0.12)	18%	36
Heath	(\$34,734)	(\$82.11)	(\$0.22)	46%	423
Hinsdale	(\$1,549)	(\$12.19)	(\$0.02)	11%	127
Holbrook	(\$75,318)	(\$80.21)	(\$0.12)	23%	939
Holland	(\$49,567)	(\$114.47)	(\$0.15)	30%	433
Holliston	(\$6,574)	(\$14.64)	(\$0.03)	8%	449
Hopedale	(\$57,744)	(\$104.80)	(\$0.15)	25%	551
Hopkinton	(\$35,475)	(\$42.28)	(\$0.06)	12%	839
Hubbardston	(\$46,681)	(\$106.09)	(\$0.15)	25%	440
Huntington	\$804	\$10.44	\$0.02	8%	77
Kingston	(\$19,013)	(\$31.85)	(\$0.05)	11%	597
Lancaster	(\$100,569)	(\$49.61)	(\$0.07)	49%	2,027
Lanesborough	(\$282)	(\$2.54)	(\$0.00)	7%	111
Lawrence	(\$342,933)	(\$54.86)	(\$0.12)	25%	6,251
Lee	(\$28,627)	(\$67.04)	(\$0.08)	14%	427
Leicester	(\$404,950)	(\$131.86)	(\$0.22)	47%	3,071
Lenox	(\$258,252)	(\$118.79)	(\$0.22)	46%	2,174
Leominster	(\$343,102)	(\$82.66)	(\$0.14)	24%	4,151

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Appendix 2B

Municipality	Total Consumer Loss in Month	Average Per Household Loss in Month	Premium (per kWh)	% Households Participating in Competitive Supply Market	# Competitive Supply Accounts
Leverett	(\$2,435)	(\$22.14)	(\$0.03)	13%	110
Lexington	\$5,761	\$6.12	\$0.01	8%	941
Leyden	\$1,165	\$32.37	\$0.06	10%	36
Lincoln	(\$1,704)	(\$5.61)	(\$0.01)	13%	304
Longmeadow	(\$1,524)	(\$2.14)	(\$0.00)	12%	713
Lowell	(\$2,073,099)	(\$72.56)	(\$0.17)	49%	28,571
Ludlow	(\$2,110)	(\$2.22)	(\$0.00)	11%	952
Lunenburg	\$543	\$6.17	\$0.01	2%	88
Lynn	(\$320,926)	(\$53.29)	(\$0.12)	23%	6,022
Malden	(\$233,357)	(\$54.88)	(\$0.13)	17%	4,252
Manchester	(\$25,140)	(\$86.69)	(\$0.12)	12%	290
Marion	(\$2,140)	(\$7.18)	(\$0.01)	11%	298
Marlboro	(\$1,553,050)	(\$113.06)	(\$0.22)	49%	13,737
Marshfield	(\$37,354)	(\$26.66)	(\$0.05)	12%	1,401
Mashpee	(\$36,129)	(\$21.40)	(\$0.04)	16%	1,688
Mattapoisett	(\$2,872)	(\$9.29)	(\$0.02)	9%	309
Maynard	(\$10,238)	(\$16.12)	(\$0.04)	13%	635
Medfield	(\$18,215)	(\$34.24)	(\$0.05)	12%	532
Medford	(\$1,449,286)	(\$78.05)	(\$0.18)	48%	18,569
Medway	(\$15,567)	(\$24.06)	(\$0.05)	13%	647
Melrose	(\$950,978)	(\$102.63)	(\$0.21)	46%	9,266
Mendon	(\$66,772)	(\$120.53)	(\$0.16)	24%	554
Methuen	(\$291,166)	(\$79.73)	(\$0.14)	20%	3,652
Middlefield	\$480	\$30.02	\$0.06	5%	16
Milford	(\$230,122)	(\$83.14)	(\$0.14)	24%	2,768
Millbury	(\$451,541)	(\$95.26)	(\$0.18)	50%	4,740
Millis	(\$5,718)	(\$18.04)	(\$0.03)	9%	317
Millville	(\$105,909)	(\$120.21)	(\$0.21)	48%	881
Milton	(\$26,452)	(\$24.22)	(\$0.04)	11%	1,092
Monroe	(\$1,348)	(\$89.89)	(\$0.14)	21%	15
Monson	(\$83,795)	(\$97.78)	(\$0.15)	25%	857
Montague	\$3,368	\$7.42	\$0.02	11%	454
Monterey	(\$93,574)	(\$129.96)	(\$0.23)	47%	720
Montgomery	(\$121)	(\$2.95)	(\$0.00)	11%	41

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Appendix 2B

Municipality	Total Consumer Loss in Month	Average Per Household Loss in Month	Premium (per kWh)	% Households Participating in Competitive Supply Market	# Competitive Supply Accounts
Monument Beach	(\$2,890)	(\$21.90)	(\$0.05)	16%	132
Mt Washington	(\$2,007)	(\$91.24)	(\$0.14)	13%	22
Nahant	(\$13,400)	(\$54.47)	(\$0.11)	16%	246
Nantucket	(\$31,420)	(\$98.19)	(\$0.12)	3%	320
Natick	(\$50,190)	(\$25.84)	(\$0.05)	13%	1,942
Needham	(\$47,699)	(\$35.68)	(\$0.05)	12%	1,337
New Ashford	\$197	\$24.63	\$0.03	7%	8
New Bedford	(\$40,276)	(\$5.29)	(\$0.02)	19%	7,616
New Braintree	(\$9,289)	(\$96.76)	(\$0.14)	23%	96
New Marlboro	(\$125,754)	(\$137.59)	(\$0.23)	49%	914
New Salem	(\$52,654)	(\$145.45)	(\$0.22)	46%	362
Newbury	(\$58,851)	(\$111.04)	(\$0.14)	17%	530
Newburyport	(\$463,367)	(\$60.40)	(\$0.12)	50%	7,672
Newton	\$41,578	\$11.43	\$0.02	10%	3,638
Norfolk	(\$25,631)	(\$49.58)	(\$0.07)	14%	517
North Adams	(\$338,638)	(\$76.17)	(\$0.21)	49%	4,446
North Andover	(\$426,418)	(\$51.65)	(\$0.10)	46%	8,256
North Brookfield	(\$49,113)	(\$93.19)	(\$0.14)	26%	527
Northampton	(\$90,612)	(\$52.83)	(\$0.11)	14%	1,715
Northboro	(\$141,318)	(\$117.47)	(\$0.14)	21%	1,203
Northbridge	(\$683,760)	(\$133.60)	(\$0.22)	48%	5,118
Northfield	\$1,304	\$14.02	\$0.03	7%	93
Norton	(\$5,589)	(\$58.83)	(\$0.23)	45%	95
Norwell	(\$80,721)	(\$119.23)	(\$0.15)	18%	677
Oak Bluffs	(\$22,165)	(\$35.46)	(\$0.05)	15%	625
Oakham	(\$24,646)	(\$83.83)	(\$0.14)	33%	294
Orange	(\$150,694)	(\$65.04)	(\$0.11)	46%	2,317
Orleans	(\$16,115)	(\$20.82)	(\$0.04)	14%	774
Otis	(\$3,933)	(\$26.57)	(\$0.05)	8%	148
Oxford	(\$388,049)	(\$107.26)	(\$0.17)	44%	3,618
Palmer	(\$115,770)	(\$81.76)	(\$0.14)	26%	1,416
Pelham	NA	NA	NA	0%	0
Pembroke	(\$756,939)	(\$143.82)	(\$0.22)	48%	5,263

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Municipality	Total Consumer Loss in Month	Average Per Household Loss in Month	Premium (per kWh)	% Households Participating in Competitive Supply Market	# Competitive Supply Accounts
Pepperell	(\$85,956)	(\$109.92)	(\$0.15)	17%	782
Peru	(\$10)	(\$0.27)	(\$0.00)	9%	38
Petersham	(\$14,787)	(\$125.31)	(\$0.15)	20%	118
Phillipston	(\$21,335)	(\$111.70)	(\$0.16)	22%	191
Pittsfield	\$24,136	\$11.09	\$0.02	10%	2,176
Plainfield	(\$388)	(\$8.08)	(\$0.02)	13%	48
Plainville	(\$377,526)	(\$115.84)	(\$0.22)	47%	3,259
Plymouth	(\$62,742)	(\$23.75)	(\$0.05)	9%	2,642
Plympton	(\$2,970)	(\$30.94)	(\$0.04)	9%	96
Provincetown	(\$4,264)	(\$9.09)	(\$0.02)	10%	469
Quincy	(\$384,964)	(\$56.54)	(\$0.13)	17%	6,809
Randolph	(\$270,757)	(\$78.39)	(\$0.13)	29%	3,454
Rehoboth	(\$575,043)	(\$149.83)	(\$0.22)	48%	3,838
Revere	(\$217,259)	(\$54.29)	(\$0.13)	19%	4,002
Richmond	\$602	\$6.34	\$0.01	10%	95
Rochester	(\$8,208)	(\$31.69)	(\$0.05)	11%	259
Rockland	(\$546,449)	(\$102.68)	(\$0.21)	48%	5,322
Rockport	(\$52,599)	(\$80.18)	(\$0.13)	15%	656
Rowe	(\$2,969)	(\$70.68)	(\$0.11)	19%	42
Royalston	(\$10,889)	(\$92.28)	(\$0.14)	18%	118
Rutland	(\$71,850)	(\$89.59)	(\$0.15)	23%	802
Salem	(\$1,430,004)	(\$92.86)	(\$0.21)	49%	15,400
Salisbury	(\$357,455)	(\$99.24)	(\$0.22)	46%	3,602
Sandisfield	(\$1,056)	(\$20.70)	(\$0.04)	17%	51
Sandwich	(\$54,427)	(\$33.05)	(\$0.06)	17%	1,647
Saugus	(\$170,238)	(\$91.18)	(\$0.14)	17%	1,867
Savoy	(\$493)	(\$10.28)	(\$0.02)	13%	48
Scituate	(\$713,308)	(\$101.48)	(\$0.16)	48%	7,029
Seekonk	(\$578,915)	(\$132.14)	(\$0.22)	48%	4,381
Sharon	(\$17,720)	(\$27.95)	(\$0.05)	10%	634
Sheffield	(\$193,979)	(\$132.59)	(\$0.23)	48%	1,463
Shelburne	\$1,663	\$22.78	\$0.06	7%	73
Sherborn	(\$7,356)	(\$35.53)	(\$0.04)	13%	207
Shirley	(\$213,670)	(\$127.56)	(\$0.21)	44%	1,675

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Municipality	Total Consumer Loss in Month	Average Per Household Loss in Month	Premium (per kWh)	% Households Participating in Competitive Supply Market	# Competitive Supply Accounts
Shutesbury	(\$11,310)	(\$90.48)	(\$0.13)	14%	125
Somerset	(\$490,991)	(\$90.39)	(\$0.21)	48%	5,432
Somerville	(\$2,014)	(\$0.62)	(\$0.00)	9%	3,267
South Wellfleet	(\$1,932)	(\$14.63)	(\$0.03)	12%	132
Southampton	(\$657)	(\$2.53)	(\$0.00)	10%	260
Southborough	(\$579,050)	(\$176.16)	(\$0.22)	50%	3,287
Southbridge	(\$161,641)	(\$71.18)	(\$0.13)	33%	2,271
Southwick	(\$75)	(\$10.69)	(\$0.03)	0%	7
Spencer	(\$144,335)	(\$104.89)	(\$0.15)	27%	1,376
Springfield	\$61,454	\$5.05	\$0.01	21%	12,160
Stockbridge	(\$25,103)	(\$98.83)	(\$0.14)	16%	254
Stoneham	(\$16,102)	(\$16.90)	(\$0.03)	9%	953
Stoughton	(\$419,084)	(\$46.95)	(\$0.09)	51%	8,927
Sturbridge	(\$149,691)	(\$110.39)	(\$0.15)	32%	1,356
Sudbury	(\$7,404)	(\$15.05)	(\$0.02)	7%	492
Sunderland	\$2,960	\$29.02	\$0.06	5%	102
Sutton	(\$551,928)	(\$180.84)	(\$0.22)	49%	3,052
Swampscott	(\$519,253)	(\$110.74)	(\$0.21)	49%	4,689
Swansea	(\$614,616)	(\$120.35)	(\$0.21)	48%	5,107
Tewksbury	(\$1,162,017)	(\$126.48)	(\$0.21)	47%	9,187
Tisbury	(\$15,117)	(\$30.91)	(\$0.04)	15%	489
Tolland	\$8	\$8.10	\$0.06	0%	1
Topsfield	(\$37,109)	(\$104.53)	(\$0.14)	15%	355
Townsend	\$2,746	\$21.80	\$0.06	3%	126
Truro	(\$6,801)	(\$19.54)	(\$0.04)	11%	348
Tyngsboro	(\$486,621)	(\$118.00)	(\$0.19)	51%	4,124
Tyringham	(\$1,145)	(\$49.77)	(\$0.04)	7%	23
Upton	(\$71,041)	(\$115.14)	(\$0.16)	20%	617
Uxbridge	(\$436,037)	(\$90.73)	(\$0.17)	51%	4,806
Wales	(\$31,065)	(\$105.30)	(\$0.14)	33%	295
Walpole	(\$15,340)	(\$17.33)	(\$0.03)	9%	885
Waltham	(\$75,172)	(\$21.61)	(\$0.05)	13%	3,478
Ware	(\$126,838)	(\$97.72)	(\$0.13)	29%	1,298
Wareham	(\$27,537)	(\$14.01)	(\$0.03)	15%	1,966

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Municipality	Total Consumer Loss in Month	Average Per Household Loss in Month	Premium (per kWh)	% Households Participating in Competitive Supply Market	# Competitive Supply Accounts
Warren	(\$68,537)	(\$104.00)	(\$0.15)	31%	659
Warwick	(\$28,757)	(\$97.48)	(\$0.22)	46%	295
Washington	(\$108)	(\$2.91)	(\$0.01)	12%	37
Watertown	(\$13,638)	(\$7.44)	(\$0.02)	11%	1,832
Wayland	(\$28,621)	(\$38.11)	(\$0.05)	14%	751
Webster	(\$731,567)	(\$121.70)	(\$0.22)	48%	6,011
Wellfleet	(\$3,966)	(\$10.58)	(\$0.03)	12%	375
Wendell	(\$17,467)	(\$52.45)	(\$0.11)	49%	333
Wenham	(\$22,247)	(\$100.21)	(\$0.15)	16%	222
West Bridgewater	(\$296,243)	(\$134.29)	(\$0.21)	48%	2,206
West Brookfield	(\$84,784)	(\$67.99)	(\$0.12)	49%	1,247
West Hyannisprt	(\$1,972)	(\$20.75)	(\$0.05)	13%	95
West Newbury	(\$35,608)	(\$119.49)	(\$0.14)	17%	298
West Springfield	\$12,148	\$7.81	\$0.02	14%	1,555
West Stockbridge	(\$111,720)	(\$147.97)	(\$0.23)	49%	755
West Tisbury	(\$7,184)	(\$23.56)	(\$0.03)	13%	305
Westboro	(\$756,869)	(\$123.53)	(\$0.22)	49%	6,127
Westford	(\$964,750)	(\$125.67)	(\$0.22)	48%	7,677
Westhampton	\$206	\$2.27	\$0.00	11%	91
Westminster	(\$81,855)	(\$106.03)	(\$0.17)	23%	772
Weston	(\$15,286)	(\$31.32)	(\$0.03)	12%	488
Westport	(\$242,896)	(\$87.97)	(\$0.18)	29%	2,761
Westwood	(\$15,507)	(\$27.54)	(\$0.04)	10%	563
Weymouth	(\$372,652)	(\$81.67)	(\$0.14)	19%	4,563
Whately	\$1,190	\$38.38	\$0.05	4%	31
Whitman	(\$92,894)	(\$89.24)	(\$0.14)	18%	1,041
Wilbraham	(\$93,024)	(\$89.27)	(\$0.14)	19%	1,042
Williamsburg	(\$57,486)	(\$69.09)	(\$0.14)	44%	832
Williamstown	(\$250,163)	(\$109.62)	(\$0.21)	49%	2,282
Winchendon	(\$195,699)	(\$64.69)	(\$0.12)	49%	3,025
Winchester	(\$2,353)	(\$4.02)	(\$0.01)	8%	585
Windsor	\$344	\$5.83	\$0.01	11%	59

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Municipality	Total Consumer Loss in Month	Average Per Household Loss in Month	Premium (per kWh)	% Households Participating in Competitive Supply Market	# Competitive Supply Accounts
Winthrop	(\$69,300)	(\$57.80)	(\$0.13)	16%	1,199
Woburn	(\$90,863)	(\$32.64)	(\$0.06)	16%	2,784
Worcester	(\$2,331,387)	(\$45.75)	(\$0.09)	49%	50,961
Worthington	(\$136)	(\$1.62)	(\$0.00)	13%	84
Wrentham	(\$111,169)	(\$117.76)	(\$0.15)	20%	944
Yarmouth	(\$61,646)	(\$21.14)	(\$0.05)	17%	2,916

Appendix 2C

Consumer Loss, Premium, and Participation by Municipality – Low- Income Households (April 2023)

**Consumer Loss, Premium, and Participation by Municipality
 Low-Income Households
 April 2023**

Municipality	Total Consumer Loss in Month	Average Per Household Loss in Month	Premium (per kWh)	% Households Participating in Competitive Supply Market	# Competitive Supply Accounts
Abington	(\$8,055)	(\$73.90)	(\$0.13)	20%	109
Acton	(\$1,643)	(\$19.56)	(\$0.05)	17%	84
Acushnet	(\$1,644)	(\$14.95)	(\$0.03)	18%	110
Adams	(\$28,264)	(\$91.18)	(\$0.12)	27%	310
Agawam	\$2,162	\$7.25	\$0.01	15%	298
Alford	(\$547)	(\$136.64)	(\$0.22)	40%	4
Amesbury	(\$5,539)	(\$76.93)	(\$0.15)	12%	72
Amherst	\$2,052	\$13.77	\$0.03	16%	149
Andover	(\$5,953)	(\$66.89)	(\$0.15)	14%	89
Aquinnah	(\$171)	(\$85.25)	(\$0.08)	8%	2
Arlington	(\$2,265)	(\$15.62)	(\$0.04)	15%	145
Ashby	\$33	\$16.34	\$0.08	2%	2
Ashfield	\$39	\$2.61	\$0.01	16%	15
Ashland	(\$1,849)	(\$20.54)	(\$0.05)	17%	90
Athol	(\$27,731)	(\$109.61)	(\$0.14)	21%	253
Attleboro	(\$20,335)	(\$69.17)	(\$0.14)	14%	294
Auburn	(\$17,612)	(\$104.83)	(\$0.17)	23%	168
Avon	(\$246)	(\$61.60)	(\$0.07)	33%	4
Ayer	(\$3,338)	(\$75.86)	(\$0.14)	17%	44
Barnstable	(\$23,428)	(\$37.25)	(\$0.06)	27%	629
Barre	(\$6,855)	(\$97.93)	(\$0.15)	26%	70
Becket	(\$10)	(\$0.59)	(\$0.00)	9%	16
Bedford	(\$307)	(\$10.23)	(\$0.02)	11%	30
Belchertown	(\$12,013)	(\$77.01)	(\$0.14)	24%	156
Bellingham	(\$1,031)	(\$41.25)	(\$0.07)	16%	25
Berlin	(\$617)	(\$102.80)	(\$0.16)	7%	6
Bernardston	\$213	\$13.31	\$0.02	10%	16
Beverly	(\$14,390)	(\$63.67)	(\$0.14)	16%	226
Billerica	(\$8,729)	(\$85.58)	(\$0.14)	11%	102
Blackstone	(\$7,267)	(\$89.72)	(\$0.16)	21%	81
Blandford	\$32	\$32.35	\$0.08	2%	1

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Municipality	Total Consumer Loss in Month	Average Per Household Loss in Month	Premium (per kWh)	% Households Participating in Competitive Supply Market	# Competitive Supply Accounts
Bolton	(\$689)	(\$114.77)	(\$0.18)	26%	6
Boston	(\$132,026)	(\$9.80)	(\$0.02)	32%	13,469
Bourne	(\$1,744)	(\$11.40)	(\$0.02)	18%	153
Boxford	(\$352)	(\$70.49)	(\$0.14)	10%	5
Brewster	(\$2,852)	(\$33.55)	(\$0.06)	19%	85
Bridgewater	(\$9,494)	(\$76.56)	(\$0.15)	16%	124
Brimfield	(\$5,953)	(\$114.48)	(\$0.16)	29%	52
Brockton	(\$122,593)	(\$66.12)	(\$0.14)	29%	1,854
Brookfield	(\$8,016)	(\$106.88)	(\$0.15)	25%	75
Brookline	(\$1,229)	(\$16.16)	(\$0.04)	10%	76
Buckland	\$429	\$33.01	\$0.04	9%	13
Burlington	(\$3,420)	(\$25.15)	(\$0.04)	19%	136
Cambridge	(\$5,970)	(\$8.07)	(\$0.02)	21%	740
Canton	(\$3,674)	(\$23.10)	(\$0.04)	18%	159
Carlisle	(\$285)	(\$40.76)	(\$0.07)	17%	7
Carver	(\$3,470)	(\$33.04)	(\$0.04)	15%	105
Charlemont	(\$2,283)	(\$152.20)	(\$0.15)	13%	15
Charlton	(\$8,355)	(\$117.67)	(\$0.15)	16%	71
Chatham	(\$969)	(\$20.62)	(\$0.04)	23%	47
Chelmsford	(\$6,716)	(\$61.05)	(\$0.13)	13%	110
Chelsea	(\$8,851)	(\$7.98)	(\$0.02)	35%	1,109
Cheshire	(\$3,263)	(\$65.26)	(\$0.13)	20%	50
Chesterfield	\$227	\$32.43	\$0.07	10%	7
Chilmark	(\$100)	(\$49.82)	(\$0.10)	12%	2
Clarksburg	(\$2,815)	(\$97.08)	(\$0.14)	21%	29
Clinton	(\$12,471)	(\$72.51)	(\$0.15)	23%	172
Cohasset	(\$502)	(\$71.67)	(\$0.18)	9%	7
Colrain	\$224	\$9.75	\$0.01	15%	23
Conway	\$334	\$33.39	\$0.08	14%	10
Cummington	\$214	\$42.77	\$0.05	11%	5
Dalton	\$992	\$18.03	\$0.04	10%	55
Dartmouth	(\$4,322)	(\$16.01)	(\$0.04)	16%	270
Dedham	(\$5,386)	(\$26.40)	(\$0.05)	22%	204
Deerfield	\$137	\$8.03	\$0.02	9%	17

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Dennis	(\$4,821)	(\$29.22)	(\$0.05)	20%	165
Douglas	(\$3,456)	(\$93.40)	(\$0.15)	12%	37
Dover	(\$311)	(\$103.83)	(\$0.09)	14%	3
Dracut	(\$7,607)	(\$62.87)	(\$0.14)	10%	121
Dudley	(\$12,434)	(\$94.20)	(\$0.16)	22%	132
Dunstable	(\$400)	(\$133.30)	(\$0.15)	11%	3
Duxbury	(\$1,032)	(\$21.95)	(\$0.05)	15%	47
East Bridgewater	(\$9,254)	(\$108.87)	(\$0.14)	20%	85
East Brookfield	(\$2,462)	(\$84.91)	(\$0.12)	28%	29
East Longmeadow	(\$5,872)	(\$90.34)	(\$0.16)	12%	65
Eastham	(\$1,038)	(\$24.13)	(\$0.04)	17%	43
Easthampton	\$802	\$5.11	\$0.01	13%	157
Easton	(\$8,310)	(\$105.19)	(\$0.15)	14%	79
Edgartown	(\$1,673)	(\$57.70)	(\$0.06)	16%	29
Egremont	(\$1,213)	(\$121.34)	(\$0.18)	19%	10
Erving	(\$1,045)	(\$43.53)	(\$0.07)	16%	24
Essex	(\$622)	(\$88.88)	(\$0.11)	9%	7
Everett	(\$31,603)	(\$59.63)	(\$0.14)	22%	530
Fairhaven	(\$638)	(\$4.14)	(\$0.01)	13%	154
Fall River	(\$93,513)	(\$39.79)	(\$0.12)	25%	2,350
Falmouth	(\$4,300)	(\$15.09)	(\$0.02)	22%	285
Fitchburg	\$10,724	\$15.96	\$0.03	15%	672
Florida	(\$362)	(\$40.19)	(\$0.13)	11%	9
Foxborough	(\$5,896)	(\$85.45)	(\$0.15)	14%	69
Framingham	(\$19,523)	(\$20.55)	(\$0.05)	30%	950
Franklin	(\$7,652)	(\$84.09)	(\$0.16)	13%	91
Freetown	(\$164)	(\$3.04)	(\$0.00)	15%	54
Gardner	(\$21,884)	(\$68.39)	(\$0.13)	20%	320
Gill	\$88	\$12.53	\$0.02	8%	7
Gloucester	(\$16,222)	(\$79.52)	(\$0.14)	11%	204
Goshen	(\$91)	(\$30.44)	(\$0.15)	7%	3
Grafton	(\$3,716)	(\$75.83)	(\$0.14)	12%	49
Granby	(\$2,619)	(\$84.50)	(\$0.15)	14%	31

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Granville	NA	NA	NA	0%	0
Great Barrington	(\$3,865)	(\$67.80)	(\$0.14)	15%	57
Greenfield	\$6,799	\$20.85	\$0.05	16%	326
Hadley	\$39	\$38.52	\$0.14	1%	1
Halifax	(\$4,433)	(\$75.13)	(\$0.13)	20%	59
Hamilton	(\$436)	(\$87.19)	(\$0.17)	6%	5
Hampden	(\$3,910)	(\$139.66)	(\$0.17)	19%	28
Hancock	(\$300)	(\$59.90)	(\$0.07)	12%	5
Hanover	(\$1,976)	(\$61.75)	(\$0.14)	14%	32
Hanson	(\$5,782)	(\$105.13)	(\$0.15)	22%	55
Hardwick	(\$5,231)	(\$108.98)	(\$0.12)	25%	48
Harvard	(\$626)	(\$313.17)	(\$0.17)	8%	2
Harwich	(\$2,879)	(\$28.51)	(\$0.05)	19%	101
Hatfield	\$202	\$14.46	\$0.04	8%	14
Haverhill	(\$47,020)	(\$62.78)	(\$0.14)	20%	749
Hawley	(\$208)	(\$52.07)	(\$0.12)	20%	4
Heath	(\$808)	(\$161.57)	(\$0.16)	9%	5
Hinsdale	\$105	\$4.04	\$0.01	12%	26
Holbrook	(\$10,791)	(\$77.08)	(\$0.13)	23%	140
Holland	(\$5,276)	(\$159.88)	(\$0.14)	23%	33
Holliston	(\$64)	(\$1.89)	(\$0.00)	11%	34
Hopedale	(\$3,039)	(\$98.02)	(\$0.14)	23%	31
Hopkinton	(\$153)	(\$3.00)	(\$0.00)	18%	51
Hubbardston	(\$2,856)	(\$81.59)	(\$0.15)	26%	35
Huntington	\$211	\$11.71	\$0.02	11%	18
Kingston	(\$2,830)	(\$34.10)	(\$0.06)	16%	83
Lancaster	(\$3,893)	(\$105.21)	(\$0.14)	33%	37
Lanesborough	(\$175)	(\$9.19)	(\$0.01)	8%	19
Lawrence	(\$137,348)	(\$64.15)	(\$0.14)	27%	2,141
Lee	\$240	\$5.23	\$0.01	12%	46
Leicester	(\$7,620)	(\$95.25)	(\$0.15)	15%	80
Lenox	(\$266)	(\$20.46)	(\$0.08)	9%	13
Leominster	(\$45,256)	(\$92.36)	(\$0.15)	24%	490
Leverett	(\$8)	(\$1.53)	(\$0.00)	6%	5

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Municipality	Total Consumer Loss in Month	Average Per Household Loss in Month	Premium (per kWh)	% Households Participating in Competitive Supply Market	# Competitive Supply Accounts
Lexington	(\$406)	(\$8.64)	(\$0.03)	10%	47
Leyden	\$24	\$7.97	\$0.03	8%	3
Lincoln	(\$717)	(\$39.84)	(\$0.08)	17%	18
Longmeadow	(\$16)	(\$0.52)	(\$0.00)	9%	31
Lowell	(\$93,148)	(\$53.87)	(\$0.13)	24%	1,729
Ludlow	(\$536)	(\$3.29)	(\$0.01)	12%	163
Lunenburg	\$339	\$13.55	\$0.02	5%	25
Lynn	(\$79,817)	(\$58.65)	(\$0.13)	26%	1,361
Malden	(\$48,608)	(\$71.69)	(\$0.16)	22%	678
Manchester	(\$214)	(\$42.80)	(\$0.14)	6%	5
Marion	(\$156)	(\$7.44)	(\$0.02)	10%	21
Marlboro	(\$13,646)	(\$59.07)	(\$0.12)	17%	231
Marshfield	(\$1,256)	(\$12.95)	(\$0.03)	13%	97
Mashpee	(\$3,398)	(\$20.47)	(\$0.03)	19%	166
Mattapoisett	\$42	\$2.33	\$0.01	12%	18
Maynard	(\$244)	(\$3.17)	(\$0.01)	21%	77
Medfield	(\$918)	(\$48.30)	(\$0.09)	10%	19
Medford	(\$16,863)	(\$74.62)	(\$0.16)	17%	226
Medway	(\$1,150)	(\$23.46)	(\$0.04)	18%	49
Melrose	(\$3,858)	(\$59.36)	(\$0.15)	10%	65
Mendon	(\$4,452)	(\$143.62)	(\$0.19)	28%	31
Methuen	(\$52,261)	(\$81.02)	(\$0.15)	22%	645
Middlefield	\$36	\$18.24	\$0.04	8%	2
Milford	(\$16,818)	(\$84.94)	(\$0.16)	22%	198
Millbury	(\$6,461)	(\$85.02)	(\$0.17)	13%	76
Millis	(\$701)	(\$24.19)	(\$0.04)	12%	29
Millville	(\$1,102)	(\$64.85)	(\$0.14)	16%	17
Milton	(\$2,902)	(\$32.97)	(\$0.05)	17%	88
Monroe	(\$592)	(\$118.35)	(\$0.14)	45%	5
Monson	(\$9,400)	(\$109.30)	(\$0.14)	24%	86
Montague	\$2,377	\$13.58	\$0.03	18%	175
Monterey	(\$64)	(\$32.23)	(\$0.05)	8%	2
Montgomery	(\$155)	(\$31.08)	(\$0.05)	17%	5

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Monument Beach	(\$449)	(\$37.39)	(\$0.07)	22%	12
Mt Washington	(\$145)	(\$72.26)	(\$0.14)	25%	2
Nahant	(\$823)	(\$63.34)	(\$0.14)	18%	13
Nantucket	(\$273)	(\$68.35)	(\$0.13)	3%	4
Natick	(\$3,312)	(\$20.20)	(\$0.04)	16%	164
Needham	(\$1,521)	(\$28.16)	(\$0.04)	13%	54
New Ashford	\$188	\$62.63	\$0.04	43%	3
New Bedford	(\$8,696)	(\$2.85)	(\$0.01)	24%	3,052
New Braintree	(\$49)	(\$16.19)	(\$0.06)	12%	3
New Marlboro	(\$440)	(\$88.06)	(\$0.14)	10%	5
New Salem	(\$569)	(\$81.29)	(\$0.12)	13%	7
Newbury	(\$2,597)	(\$129.87)	(\$0.15)	16%	20
Newburyport	(\$2,035)	(\$42.40)	(\$0.12)	10%	48
Newton	(\$6,313)	(\$26.30)	(\$0.05)	15%	240
Norfolk	(\$1,117)	(\$48.58)	(\$0.06)	15%	23
North Adams	(\$20,556)	(\$52.98)	(\$0.13)	26%	388
North Andover	(\$7,309)	(\$63.01)	(\$0.13)	16%	116
North Brookfield	(\$7,165)	(\$110.23)	(\$0.15)	22%	65
Northampton	(\$8,676)	(\$47.41)	(\$0.13)	14%	183
Northboro	(\$4,336)	(\$96.37)	(\$0.15)	17%	45
Northbridge	(\$8,462)	(\$76.23)	(\$0.15)	16%	111
Northfield	\$422	\$24.80	\$0.04	10%	17
Norton	(\$32)	(\$31.70)	(\$0.08)	8%	1
Norwell	(\$1,630)	(\$116.43)	(\$0.17)	14%	14
Oak Bluffs	(\$1,547)	(\$49.90)	(\$0.05)	22%	31
Oakham	(\$2,114)	(\$117.46)	(\$0.14)	26%	18
Orange	(\$15,835)	(\$89.46)	(\$0.13)	19%	177
Orleans	(\$1,532)	(\$42.57)	(\$0.05)	14%	36
Otis	(\$320)	(\$40.00)	(\$0.05)	8%	8
Oxford	(\$8,879)	(\$86.21)	(\$0.15)	15%	103
Palmer	(\$25,134)	(\$84.06)	(\$0.14)	27%	299
Pelham	NA	NA	NA	0%	0
Pembroke	(\$5,935)	(\$97.29)	(\$0.15)	16%	61

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Pepperell	(\$5,283)	(\$80.05)	(\$0.15)	18%	66
Peru	(\$102)	(\$20.42)	(\$0.03)	10%	5
Petersham	(\$716)	(\$119.31)	(\$0.18)	16%	6
Phillipston	(\$1,706)	(\$131.25)	(\$0.16)	17%	13
Pittsfield	\$10,958	\$13.46	\$0.03	16%	814
Plainfield	\$254	\$28.22	\$0.05	17%	9
Plainville	(\$3,968)	(\$67.25)	(\$0.13)	13%	59
Plymouth	(\$6,383)	(\$16.41)	(\$0.03)	15%	389
Plympton	(\$802)	(\$100.21)	(\$0.09)	13%	8
Provincetown	(\$315)	(\$7.68)	(\$0.02)	18%	41
Quincy	(\$67,471)	(\$63.65)	(\$0.15)	23%	1,060
Randolph	(\$68,364)	(\$95.21)	(\$0.14)	33%	718
Rehoboth	(\$2,253)	(\$72.67)	(\$0.14)	11%	31
Revere	(\$37,727)	(\$63.94)	(\$0.14)	21%	590
Richmond	\$67	\$66.54	\$0.14	2%	1
Rochester	(\$820)	(\$25.62)	(\$0.04)	21%	32
Rockland	(\$6,169)	(\$62.95)	(\$0.13)	14%	98
Rockport	(\$3,838)	(\$116.31)	(\$0.19)	10%	33
Rowe	(\$319)	(\$106.43)	(\$0.14)	19%	3
Royalston	(\$1,143)	(\$95.21)	(\$0.15)	16%	12
Rutland	(\$5,423)	(\$96.84)	(\$0.17)	20%	56
Salem	(\$20,468)	(\$52.35)	(\$0.14)	18%	391
Salisbury	(\$3,089)	(\$73.55)	(\$0.14)	9%	42
Sandisfield	NA	NA	NA	0%	0
Sandwich	(\$3,110)	(\$26.81)	(\$0.04)	20%	116
Saugus	(\$21,758)	(\$114.52)	(\$0.17)	16%	190
Savoy	(\$33)	(\$2.37)	(\$0.00)	19%	14
Scituate	(\$1,390)	(\$53.48)	(\$0.13)	9%	26
Seekonk	(\$3,366)	(\$78.27)	(\$0.14)	11%	43
Sharon	(\$899)	(\$19.97)	(\$0.04)	14%	45
Sheffield	(\$1,114)	(\$55.71)	(\$0.11)	12%	20
Shelburne	\$184	\$18.45	\$0.04	7%	10
Sherborn	(\$39)	(\$9.70)	(\$0.02)	11%	4
Shirley	(\$4,441)	(\$79.30)	(\$0.15)	21%	56

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Shutesbury	(\$479)	(\$53.18)	(\$0.15)	12%	9
Somerset	(\$4,634)	(\$44.13)	(\$0.13)	14%	105
Somerville	(\$4,684)	(\$7.27)	(\$0.02)	25%	644
South Wellfleet	\$62	\$7.70	\$0.01	20%	8
Southampton	(\$110)	(\$5.01)	(\$0.01)	10%	22
Southborough	(\$1,680)	(\$186.62)	(\$0.15)	10%	9
Southbridge	(\$46,096)	(\$72.71)	(\$0.13)	35%	634
Southwick	NA	NA	NA	0%	0
Spencer	(\$24,082)	(\$124.78)	(\$0.16)	24%	193
Springfield	\$52,592	\$7.74	\$0.02	30%	6,799
Stockbridge	(\$978)	(\$75.26)	(\$0.16)	17%	13
Stoneham	(\$2,482)	(\$21.21)	(\$0.05)	14%	117
Stoughton	(\$29,023)	(\$90.13)	(\$0.16)	27%	322
Sturbridge	(\$10,767)	(\$76.36)	(\$0.14)	31%	141
Sudbury	(\$376)	(\$12.52)	(\$0.04)	10%	30
Sunderland	\$201	\$14.38	\$0.02	8%	14
Sutton	(\$4,399)	(\$199.96)	(\$0.18)	12%	22
Swampscott	(\$3,772)	(\$66.17)	(\$0.15)	18%	57
Swansea	(\$6,671)	(\$59.04)	(\$0.13)	16%	113
Tewksbury	(\$9,181)	(\$97.67)	(\$0.15)	13%	94
Tisbury	(\$1,684)	(\$64.76)	(\$0.06)	15%	26
Tolland	NA	NA	NA	0%	0
Topsfield	(\$628)	(\$104.69)	(\$0.15)	12%	6
Townsend	\$454	\$41.26	\$0.06	3%	11
Truro	\$30	\$2.01	\$0.00	14%	15
Tyngsboro	(\$4,107)	(\$76.06)	(\$0.14)	15%	54
Tyringham	\$240	\$239.86	\$0.07	8%	1
Upton	(\$2,485)	(\$108.06)	(\$0.21)	14%	23
Uxbridge	(\$5,635)	(\$90.88)	(\$0.17)	15%	62
Wales	(\$5,758)	(\$133.91)	(\$0.13)	31%	43
Walpole	(\$2,071)	(\$28.37)	(\$0.06)	12%	73
Waltham	(\$5,574)	(\$11.35)	(\$0.03)	23%	491
Ware	(\$38,540)	(\$119.32)	(\$0.13)	30%	323
Wareham	(\$6,446)	(\$13.21)	(\$0.03)	24%	488

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Warren	(\$13,132)	(\$105.91)	(\$0.14)	30%	124
Warwick	(\$786)	(\$78.61)	(\$0.16)	14%	10
Washington	\$3	\$0.47	\$0.00	19%	7
Watertown	(\$2,570)	(\$11.37)	(\$0.03)	18%	226
Wayland	(\$1,087)	(\$45.30)	(\$0.09)	14%	24
Webster	(\$22,638)	(\$74.22)	(\$0.15)	20%	305
Wellfleet	(\$885)	(\$44.27)	(\$0.06)	15%	20
Wendell	(\$1,426)	(\$95.05)	(\$0.16)	19%	15
Wenham	(\$415)	(\$103.82)	(\$0.16)	10%	4
West Bridgewater	(\$5,125)	(\$122.03)	(\$0.15)	15%	42
West Brookfield	(\$6,622)	(\$127.35)	(\$0.16)	24%	52
West Hyannisprt	(\$637)	(\$79.62)	(\$0.12)	23%	8
West Newbury	(\$163)	(\$81.48)	(\$0.14)	4%	2
West Springfield	\$5,604	\$10.76	\$0.02	21%	521
West Stockbridge	(\$288)	(\$36.01)	(\$0.08)	15%	8
West Tisbury	\$108	\$9.81	\$0.01	12%	11
Westboro	(\$2,758)	(\$76.62)	(\$0.14)	13%	36
Westford	(\$2,863)	(\$84.19)	(\$0.15)	9%	34
Westhampton	(\$64)	(\$10.65)	(\$0.02)	10%	6
Westminster	(\$3,249)	(\$108.31)	(\$0.16)	16%	30
Weston	(\$654)	(\$40.90)	(\$0.06)	18%	16
Westport	(\$5,217)	(\$40.76)	(\$0.09)	16%	128
Westwood	(\$912)	(\$30.40)	(\$0.06)	9%	30
Weymouth	(\$39,309)	(\$82.24)	(\$0.15)	20%	478
Whately	\$429	\$71.49	\$0.10	14%	6
Whitman	(\$11,215)	(\$106.81)	(\$0.15)	18%	105
Wilbraham	(\$6,054)	(\$89.03)	(\$0.16)	16%	68
Williamsburg	(\$393)	(\$43.70)	(\$0.16)	8%	9
Williamstown	(\$2,272)	(\$55.40)	(\$0.12)	17%	41
Winchendon	(\$10,896)	(\$99.05)	(\$0.14)	19%	110
Winchester	(\$619)	(\$34.40)	(\$0.06)	9%	18
Windsor	\$320	\$29.09	\$0.08	21%	11

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Winthrop	(\$5,443)	(\$49.49)	(\$0.13)	18%	110
Woburn	(\$8,480)	(\$22.20)	(\$0.04)	23%	382
Worcester	(\$189,278)	(\$69.74)	(\$0.14)	22%	2,714
Worthington	\$49	\$6.16	\$0.01	11%	8
Wrentham	(\$4,997)	(\$108.62)	(\$0.16)	19%	46
Yarmouth	(\$10,242)	(\$29.43)	(\$0.05)	24%	348

Appendix 2D

Supplier-Specific Information – All Households (July 2022 - June 2023)

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**Supplier-Specific Information
All Households
July 2022 - June 2023**

Supp. ID	Average Rate	# of Bills	Average Premium	Share of Accounts	Net Consumer Loss	Loss	Gain	Share of Loss	Share of Gain
57	\$0.3145	75,804	\$0.1104	1.67%	\$3,884,780	\$4,040,377	(\$155,597)	4.15%	0.12%
6	\$0.3170	72,839	\$0.1020	1.61%	\$3,702,130	\$4,064,053	(\$361,923)	4.17%	0.28%
20	\$0.2800	9,430	\$0.0912	0.21%	\$519,885	\$620,129	(\$100,244)	0.64%	0.08%
36	\$0.2323	38,087	\$0.0786	0.84%	\$1,686,071	\$1,868,227	(\$182,155)	1.92%	0.14%
68	\$0.2893	5,058	\$0.0783	0.11%	\$216,628	\$266,863	(\$50,236)	0.27%	0.04%
66	\$0.2675	70,729	\$0.0779	1.56%	\$2,491,420	\$2,769,625	(\$278,204)	2.85%	0.22%
72	\$0.2477	12	\$0.0755	0.00%	\$758	\$758	\$0	0.00%	0.00%
25	\$0.2905	515,348	\$0.0698	11.36%	\$16,957,394	\$23,385,680	(\$6,428,286)	24.02%	5.03%
8	\$0.1639	7	\$0.0490	0.00%	\$709	\$798	(\$88)	0.00%	0.00%
27	\$0.2258	3,718	\$0.0480	0.08%	\$86,060	\$93,552	(\$7,492)	0.10%	0.01%
15	\$0.2683	42,291	\$0.0477	0.93%	\$989,231	\$1,624,342	(\$635,111)	1.67%	0.50%
29	\$0.2524	126,659	\$0.0444	2.79%	\$3,491,889	\$6,326,016	(\$2,834,127)	6.50%	2.22%
4	\$0.2514	161,935	\$0.0440	3.57%	\$3,004,514	\$4,251,727	(\$1,247,214)	4.37%	0.98%
43	\$0.2370	100,291	\$0.0429	2.21%	\$2,111,483	\$3,218,591	(\$1,107,108)	3.31%	0.87%
55	\$0.2535	79,067	\$0.0410	1.74%	\$1,555,673	\$2,179,117	(\$623,445)	2.24%	0.49%
46	\$0.2546	42,498	\$0.0395	0.94%	\$734,790	\$1,137,969	(\$403,179)	1.17%	0.32%
24	\$0.2459	70,505	\$0.0389	1.55%	\$1,359,504	\$2,275,720	(\$916,216)	2.34%	0.72%
60	\$0.2305	219,173	\$0.0210	4.83%	\$2,101,906	\$4,076,218	(\$1,974,312)	4.19%	1.55%
63	\$0.2234	59,246	\$0.0147	1.31%	\$379,910	\$994,990	(\$615,080)	1.02%	0.48%
52	\$0.2086	1,616	\$0.0133	0.04%	\$34,695	\$57,846	(\$23,152)	0.06%	0.02%
26	\$0.2227	167,036	\$0.0095	3.68%	\$883,731	\$3,663,071	(\$2,779,340)	3.76%	2.18%
48	\$0.1798	4,897	-\$0.0056	0.11%	(\$20,816)	\$3,833	(\$24,649)	0.00%	0.02%
37	\$0.2143	450,413	-\$0.0088	9.93%	(\$2,251,823)	\$7,717,824	(\$9,969,646)	7.93%	7.80%
12	\$0.1450	5	-\$0.0108	0.00%	(\$43)	\$40	(\$83)	0.00%	0.00%
35	\$0.2125	51,122	-\$0.0112	1.13%	(\$309,816)	\$837,896	(\$1,147,712)	0.86%	0.90%
7	\$0.2002	38,165	-\$0.0137	0.84%	(\$339,371)	\$804,578	(\$1,143,949)	0.83%	0.90%
9	\$0.2023	111,595	-\$0.0157	2.46%	(\$1,074,310)	\$2,239,622	(\$3,313,932)	2.30%	2.59%
32	\$0.1950	118,677	-\$0.0206	2.62%	(\$1,459,928)	\$1,456,036	(\$2,915,964)	1.50%	2.28%
23	\$0.1496	8,481	-\$0.0208	0.19%	(\$91,422)	\$86,507	(\$177,929)	0.09%	0.14%
39	\$0.1992	19,871	-\$0.0217	0.44%	(\$223,846)	\$211,453	(\$435,299)	0.22%	0.34%
49	\$0.2060	17,724	-\$0.0250	0.39%	(\$268,720)	\$318,683	(\$587,403)	0.33%	0.46%
1	\$0.1906	16,305	-\$0.0269	0.36%	(\$252,802)	\$161,280	(\$414,082)	0.17%	0.32%

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Supp. ID	Average Rate	# of Bills	Average Premium	Share of Accounts	Net Consumer Loss	Loss	Gain	Share of Loss	Share of Gain
13	\$0.1843	49,996	-\$0.0347	1.10%	(\$946,499)	\$413,090	(\$1,359,589)	0.42%	1.06%
17	\$0.1849	117,300	-\$0.0360	2.59%	(\$2,523,531)	\$1,321,863	(\$3,845,394)	1.36%	3.01%
71	\$0.1724	20,091	-\$0.0368	0.44%	(\$339,218)	\$127,513	(\$466,731)	0.13%	0.37%
22	\$0.1412	617,788	-\$0.0418	13.62%	(\$15,256,278)	\$7,760,097	(\$23,016,375)	7.97%	18.01%
41	\$0.1050	13	-\$0.0504	0.00%	(\$505)	\$10	(\$515)	0.00%	0.00%
3	\$0.1619	11,490	-\$0.0508	0.25%	(\$392,286)	\$87,943	(\$480,228)	0.09%	0.38%
50	\$0.1715	1,065	-\$0.0513	0.02%	(\$27,938)	\$6,042	(\$33,980)	0.01%	0.03%
56	\$0.1013	441	-\$0.0521	0.01%	(\$15,007)	\$51	(\$15,059)	0.00%	0.01%
42	\$0.1617	413,493	-\$0.0611	9.12%	(\$14,221,911)	\$2,608,152	(\$16,830,063)	2.68%	13.17%
14	\$0.1650	17,628	-\$0.0637	0.39%	(\$724,335)	\$138,833	(\$863,168)	0.14%	0.68%
44	\$0.1667	63	-\$0.0767	0.00%	(\$4,367)	\$988	(\$5,354)	0.00%	0.00%
74	\$0.1169	45	-\$0.0773	0.00%	(\$1,232)	\$0	(\$1,232)	0.00%	0.00%
10	\$0.1303	29,447	-\$0.0776	0.65%	(\$1,751,759)	\$96,370	(\$1,848,129)	0.10%	1.45%
21	\$0.1467	1,084	-\$0.0779	0.02%	(\$120,447)	\$28,343	(\$148,790)	0.03%	0.12%
34	\$0.1466	529,696	-\$0.0831	11.68%	(\$31,082,351)	\$3,882,674	(\$34,965,025)	3.99%	27.37%
70	\$0.0991	102	-\$0.0880	0.00%	(\$6,339)	\$439	(\$6,778)	0.00%	0.01%
59	\$0.1213	18	-\$0.0942	0.00%	(\$2,468)	\$23	(\$2,491)	0.00%	0.00%
11	\$0.1321	4,937	-\$0.0945	0.11%	(\$534,668)	\$36,440	(\$571,108)	0.04%	0.45%
33	\$0.1181	20,184	-\$0.1022	0.45%	(\$2,161,704)	\$83,352	(\$2,245,056)	0.09%	1.76%
75	\$0.1664	137	-\$0.1256	0.00%	(\$21,208)	\$667	(\$21,875)	0.00%	0.02%
76	\$0.0948	1,347	-\$0.1620	0.03%	(\$181,734)	\$613	(\$182,347)	0.00%	0.14%
		4,534,969			(\$30,415,518)				

Appendix 3A

Supplier-Specific Information – Low-Income Households (July 2022 - June 2023)

A Predatory and Broken Market: the 2024 Update
Analysis of the Individual Residential Electric Supply Market in Massachusetts

Appendix 3A

**Supplier-Specific Information
Low-Income Households
July 2022 - June 2023**

Supp. ID	Average Rate	# of Bills	Average Premium	Share of Accounts	Net Consumer Loss	Loss	Gain	Share of Loss	Share of Gain
20	0.2971	1,548	0.1494	0.18%	\$106,281	\$106,847	(\$566)	0.56%	0.00%
57	0.3032	22,707	0.1251	2.57%	\$1,452,960	\$1,478,025	(\$25,065)	7.78%	0.14%
6	0.3127	13,138	0.1167	1.49%	\$707,335	\$760,272	(\$52,937)	4.00%	0.29%
68	0.2601	642	0.0882	0.07%	\$29,942	\$36,905	(\$6,963)	0.19%	0.04%
15	0.2891	12,751	0.0854	1.45%	\$461,446	\$540,706	(\$79,261)	2.85%	0.43%
36	0.2189	5,357	0.0788	0.61%	\$223,718	\$242,261	(\$18,543)	1.28%	0.10%
72	0.3214	12	0.0755	0.00%	\$758	\$758	\$0	0.00%	0.00%
66	0.2257	27,800	0.0648	3.15%	\$863,911	\$1,001,669	(\$137,758)	5.27%	0.76%
52	0.2363	155	0.0593	0.02%	\$5,734	\$6,087	(\$352)	0.03%	0.00%
24	0.2531	15,177	0.0564	1.72%	\$406,935	\$566,714	(\$159,778)	2.98%	0.88%
43	0.2111	21,831	0.0529	2.48%	\$563,966	\$777,603	(\$213,637)	4.09%	1.17%
4	0.2367	58,721	0.0485	6.66%	\$1,192,959	\$1,623,651	(\$430,692)	8.55%	2.36%
46	0.2486	18,795	0.0482	2.13%	\$409,104	\$595,739	(\$186,635)	3.14%	1.02%
29	0.2442	21,639	0.0469	2.45%	\$531,531	\$937,349	(\$405,818)	4.93%	2.23%
55	0.2410	18,324	0.0467	2.08%	\$400,330	\$529,007	(\$128,677)	2.78%	0.71%
27	0.2256	2,029	0.0461	0.23%	\$48,288	\$53,326	(\$5,038)	0.28%	0.03%
60	0.2303	83,540	0.0335	9.47%	\$1,300,939	\$1,822,065	(\$521,126)	9.59%	2.86%
63	0.2218	21,662	0.0237	2.46%	\$232,335	\$423,035	(\$190,700)	2.23%	1.05%
12	0.1299	1	0.0150	0.00%	\$17	\$17	\$0	0.00%	0.00%
7	0.2088	4,629	0.0150	0.52%	\$36,554	\$112,529	(\$75,976)	0.59%	0.42%
25	0.2224	108,795	0.0121	12.33%	\$608,501	\$2,192,539	(\$1,584,037)	11.54%	8.69%
26	0.1971	17,880	-0.0003	2.03%	(\$2,910)	\$249,121	(\$252,031)	1.31%	1.38%
70	0.0860	8	-0.0018	0.00%	(\$10)	\$7	(\$17)	0.00%	0.00%
48	0.1775	717	-0.0059	0.08%	(\$2,577)	\$611	(\$3,188)	0.00%	0.02%
9	0.2090	20,916	-0.0092	2.37%	(\$105,720)	\$411,778	(\$517,498)	2.17%	2.84%
35	0.2096	8,896	-0.0099	1.01%	(\$43,204)	\$133,771	(\$176,975)	0.70%	0.97%
17	0.1957	24,944	-0.0122	2.83%	(\$160,691)	\$365,982	(\$526,672)	1.93%	2.89%
37	0.2096	71,161	-0.0175	8.07%	(\$705,625)	\$1,262,574	(\$1,968,199)	6.65%	10.80%
39	0.1963	2,309	-0.0188	0.26%	(\$21,671)	\$25,840	(\$47,512)	0.14%	0.26%
32	0.1896	12,079	-0.0206	1.37%	(\$131,343)	\$119,058	(\$250,401)	0.63%	1.37%

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Supp. ID	Average Rate	# of Bills	Average Premium	Share of Accounts	Net Consumer Loss	Loss	Gain	Share of Loss	Share of Gain
1	0.1929	571	-0.0234	0.06%	(\$6,108)	\$5,076	(\$11,185)	0.03%	0.06%
23	0.1489	564	-0.0265	0.06%	(\$6,592)	\$5,033	(\$11,626)	0.03%	0.06%
13	0.1820	10,167	-0.0312	1.15%	(\$181,259)	\$71,033	(\$252,292)	0.37%	1.38%
3	0.1738	1,485	-0.0318	0.17%	(\$26,816)	\$13,809	(\$40,625)	0.07%	0.22%
71	0.1746	10,163	-0.0320	1.15%	(\$155,096)	\$69,600	(\$224,696)	0.37%	1.23%
14	0.1669	1,322	-0.0331	0.15%	(\$25,982)	\$17,157	(\$43,139)	0.09%	0.24%
49	0.1827	1,851	-0.0375	0.21%	(\$41,800)	\$33,529	(\$75,329)	0.18%	0.41%
50	0.1745	63	-0.0416	0.01%	(\$1,343)	\$567	(\$1,910)	0.00%	0.01%
22	0.1341	128,432	-0.0448	14.56%	(\$3,483,102)	\$1,660,213	(\$5,143,316)	8.74%	28.21%
42	0.1659	67,853	-0.0478	7.69%	(\$1,658,065)	\$412,534	(\$2,070,599)	2.17%	11.36%
41	0.1068	6	-0.0483	0.00%	(\$271)	\$10	(\$281)	0.00%	0.00%
74	0.1047	11	-0.0489	0.00%	(\$11)	\$0	(\$11)	0.00%	0.00%
10	0.1110	564	-0.0510	0.06%	(\$20,679)	\$1,728	(\$22,407)	0.01%	0.12%
34	0.1510	40,657	-0.0772	4.61%	(\$2,023,424)	\$332,946	(\$2,356,370)	1.75%	12.92%
74	0.1169	45	-0.0773	0.00%	(\$1,232)	\$0	(\$1,232)	0.00%	0.00%
33	0.1128	104	-0.0984	0.01%	(\$10,485)	\$0	(\$10,485)	0.00%	0.06%
11	0.0988	27	-0.1067	0.00%	(\$2,094)	\$0	(\$2,094)	0.00%	0.01%
		882,048			\$765,436				

Appendix 3B

Zip Code and Municipality Participation in the Individual Residential Electric Supply Market: Communities of Color vs. Rest of State (April 2023)

**Zip Code and Municipality Participation in the
 Individual Residential Electric Supply Market
 Communities of Color vs. Rest of State
 April 2023**

ZIP	Municipality	Percent nonwhite and/or Hispanic	Total accounts	Percent Low income Accounts	Average markup over basic	Percent of accounts in competitive supply:		
						All	Low income	Non- Low income
-	Communities of Color	69%	417,296	23%	-\$0.0592	27%	31%	25%
-	Rest of State	22%	2,403,398	8%	-\$0.0969	27%	19%	28%
02126	Boston	97%	8,482	31%	-\$0.0285	31%	39%	26%
02121	Boston	94%	10,010	41%	-\$0.0168	34%	44%	27%
01105	Springfield	91%	6,061	51%	\$0.0447	45%	49%	41%
01841	Lawrence	90%	13,631	35%	-\$0.1178	26%	27%	25%
01841	Methuen	90%	54	31%	-\$0.1339	15%	18%	14%
01840	Lawrence	90%	3,169	34%	-\$0.1281	22%	26%	20%
01107	Springfield	89%	3,858	52%	\$0.0500	28%	39%	17%
02119	Boston	87%	10,689	34%	-\$0.0335	28%	40%	22%
02124	Boston	82%	17,641	29%	-\$0.0297	26%	38%	21%
01109	Springfield	81%	9,438	42%	-\$0.0160	16%	22%	11%
02150	Chelsea	80%	13,903	23%	-\$0.0331	27%	35%	24%
01843	Lawrence	80%	8,584	25%	-\$0.1232	23%	26%	22%
02136	Boston	79%	12,282	25%	-\$0.0465	24%	32%	21%
01104	Springfield	76%	8,106	44%	-\$0.0010	19%	29%	11%
01103	Springfield	76%	1,212	29%	-\$0.0253	3%	23%	0%
02301	Brockton	74%	20,938	20%	-\$0.1209	31%	30%	31%
01608	Worcester	73%	2,465	10%	-\$0.0897	38%	20%	40%
02368	Randolph	71%	11,803	18%	-\$0.1264	29%	33%	28%
01901	Lynn	70%	1,609	31%	-\$0.0946	18%	22%	17%
02125	Boston	70%	14,274	22%	-\$0.0260	20%	35%	16%
01108	Springfield	69%	10,318	41%	-\$0.0210	20%	33%	11%
01902	Lynn	69%	15,830	22%	-\$0.1163	25%	28%	24%
01905	Lynn	67%	2,329	22%	-\$0.1154	26%	26%	26%
01851	Lowell	66%	15,718	13%	-\$0.1672	50%	24%	54%

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ZIP	Municipality	Percent nonwhite and/or Hispanic	Total accounts	Percent Low income Accounts	Average markup over basic	Percent of accounts in competitive supply:		
						All	Low income	Non- Low income
01151	Springfield	66%	3,749	42%	\$0.0066	18%	24%	13%
02122	Boston	66%	9,178	23%	-\$0.0244	21%	36%	17%
02128	Boston	66%	17,447	14%	-\$0.0153	15%	26%	13%
02302	Brockton	65%	10,694	20%	-\$0.1285	28%	28%	28%
02120	Boston	64%	10,116	19%	-\$0.0230	16%	36%	12%
02111	Boston	63%	4,265	22%	-\$0.0145	9%	20%	6%
01610	Worcester	61%	11,032	18%	-\$0.0917	49%	27%	54%
01718	Acton	60%	273	3%	-\$0.0380	10%	22%	9%
02149	Everett	59%	16,469	14%	-\$0.1180	22%	22%	21%
01119	Springfield	58%	5,250	31%	-\$0.0016	16%	13%	16%
02746	New Bedford	56%	6,416	35%	-\$0.0164	24%	29%	22%
02148	Malden	56%	24,691	13%	-\$0.1275	17%	22%	17%
02118	Boston	56%	13,203	12%	-\$0.0380	12%	27%	10%
01605	Worcester	55%	12,673	12%	-\$0.0923	49%	21%	52%
01603	Worcester	54%	10,927	15%	-\$0.0933	50%	22%	55%
01702	Framingham	54%	14,607	16%	-\$0.0478	25%	34%	24%
01850	Lowell	53%	8,265	15%	-\$0.1669	50%	24%	54%
02131	Boston	53%	12,009	16%	-\$0.0358	18%	28%	16%
02561	Bourne	52%	583	12%	-\$0.0411	16%	10%	17%
02142	Cambridge	50%	3,045	4%	\$0.0199	4%	18%	4%

Appendix 3C

Zip Code and Municipality Participation in the Individual Residential Electric Supply Market: Bottom 25 Median Income vs. Rest of State (April 2023)

**Zip Code and Municipality Participation in the Individual
 Residential Electric Supply Market
 Bottom 25 Median Income vs. Rest of State
 April 2023**

ZIP	Municipality	Median household income	Total accounts	Percent Low income Accounts	Average markup over basic	Percent of accounts in competitive supply:		
						All	Low income	Non-Low income
-	Bottom 25 Median Household Income	\$41,829	188,681	29%	\$0.0623	31%	30%	31%
-	Rest of State	\$97,960	2,623,263	9%	\$0.0962	27%	21%	27%
01103	Springfield	\$20,978	1,212	29%	\$0.0253	3%	23%	-6%
01105	Springfield	\$23,331	6,061	51%	\$0.0447	45%	49%	41%
01901	Lynn	\$24,207	1,609	31%	\$0.0946	18%	22%	17%
01840	Lawrence	\$28,347	3,169	34%	\$0.1281	22%	26%	20%
01107	Springfield	\$31,698	3,858	52%	\$0.0500	28%	39%	17%
02119	Boston - Roxbury	\$34,987	10,689	34%	\$0.0335	28%	40%	22%
01610	Worcester	\$35,642	11,032	18%	\$0.0917	49%	27%	54%
02746	New Bedford	\$37,565	6,416	35%	\$0.0164	24%	29%	22%
01109	Springfield	\$37,887	9,438	42%	\$0.0160	16%	22%	11%
01608	Worcester	\$37,962	2,465	10%	\$0.0897	38%	20%	40%
02121	Boston - Dorchester	\$40,732	10,010	41%	\$0.0168	34%	44%	27%
01108	Springfield	\$41,153	10,318	41%	\$0.0210	20%	33%	11%
01104	Springfield	\$41,402	8,106	44%	\$0.0010	19%	29%	11%
02723	Fall River	\$43,142	9,580	18%	\$0.1889	48%	25%	53%

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ZIP	Municipality	Median household income	Total accounts	Percent Low income Accounts	Average markup over basic	Percent of accounts in competitive supply:		
						All	Low income	Non-Low income
02724	Fall River	\$43,511	10,782	18%	\$0.1935	48%	26%	53%
01605	Worcester	\$45,709	12,673	12%	\$0.0923	49%	21%	52%
02639	Dennis	\$46,635	4,702	6%	\$0.0464	10%	17%	10%
02740	New Bedford	\$47,206	18,206	33%	\$0.0109	18%	24%	15%
01151	Springfield	\$47,234	3,749	42%	\$0.0066	18%	24%	13%
02115	Boston	\$47,486	9,589	12%	\$0.0329	9%	21%	7%
01841	Lawrence	\$47,527	13,631	35%	\$0.1178	26%	27%	25%
01841	Methuen	\$47,527	54	31%	\$0.1339	15%	18%	14%
02721	Fall River	\$47,963	15,702	20%	\$0.1845	48%	27%	54%
02744	New Bedford	\$48,009	5,192	36%	\$0.0098	20%	26%	16%
01031	Hardwick	\$49,071	438	21%	\$0.1151	28%	26%	29%

Appendix 3D

Zip Code and Municipality Participation in the Individual Residential Electric Supply Market: Top 25 Median Income vs. Rest of State (April 2023)

A Predatory and Broken Market: the 2024 Update
Analysis of the Individual Residential Electric Supply Market in Massachusetts

Appendix 3D

**Zip Code and Municipality Participation in the Individual
Residential Electric Supply Market
Top 25 Median Income vs. Rest of State
April 2023**

ZIP	Municipality	Median household income	Total accounts	Percent Low income Accounts	Average markup over basic	Percent of accounts in competitive supply:		
						All	Low income	Non-Low income
-	Top 25 Median Household Income	\$197,121	90,969	3%	-\$0.0580	15%	12%	15%
-	Rest of State	\$90,753	2,720,975	11%	-\$0.0964	27%	23%	28%
02030	Dover	\$250,000	2,085	1%	-\$0.0641	13%	14%	13%
02468	Newton	\$250,000	2,311	2%	\$0.0313	9%	14%	9%
02493	Weston	\$220,815	3,925	2%	-\$0.0268	12%	18%	12%
01770	Sherborn	\$218,906	1,632	2%	-\$0.0423	13%	11%	13%
01776	Sudbury	\$217,847	6,810	4%	-\$0.0242	7%	10%	7%
01741	Carlisle	\$216,000	1,932	2%	-\$0.0191	11%	17%	10%
02420	Lexington	\$215,303	5,519	4%	\$0.0101	8%	10%	7%
01778	Wayland	\$203,125	5,311	3%	-\$0.0547	14%	14%	14%
02459	Newton	\$200,091	6,596	3%	\$0.0118	10%	10%	10%
02052	Medfield	\$196,820	4,592	4%	-\$0.0532	12%	10%	12%
01922	Newbury	\$193,667	1,066	5%	-\$0.1530	18%	21%	18%
01944	Manchester	\$193,279	2,389	3%	-\$0.1168	12%	6%	12%
02421	Lexington	\$191,140	6,327	4%	\$0.0101	8%	10%	8%
02492	Needham	\$190,651	6,877	2%	-\$0.0499	13%	12%	13%
01885	Boxford	\$186,899	92	0%	-\$0.1509	24%	0%	24%
01921	Boxford	\$186,899	2,759	2%	-\$0.1462	18%	10%	18%
01890	Winchester	\$184,844	7,753	3%	-\$0.0058	8%	9%	8%
02071	Walpole	\$183,894	349	7%	-\$0.0316	8%	9%	8%
02461	Newton	\$181,220	2,833	6%	\$0.0314	10%	15%	10%
01748	Hopkinton	\$179,192	6,829	4%	-\$0.0630	12%	18%	12%
01827	Dunstable	\$177,803	1,194	2%	-\$0.1532	22%	8%	23%
02641	Dennis	\$175,571	1,784	1%	-\$0.0516	13%	23%	13%
01451	Harvard	\$174,444	3,451	1%	-\$0.0822	49%	9%	50%
01772	Southborough	\$173,056	6,280	1%	-\$0.2188	50%	11%	51%
01718	Acton	\$173,000	273	3%	-\$0.0380	10%	22%	9%

Appendix 3E

Zip Code and Municipality Participation in the Individual Residential Electric Supply Market: Top 20 Limited English Proficiency vs. Rest of State (April 2023)

**Zip Code and Municipality Participation in the Individual
Residential Electric Supply Market
Top 20 Limited English Proficiency vs. Rest of State
April 2023**

ZIP	Municipality	Percent limited English proficiency	Total accounts	Percent Low income Accounts	Average markup over basic	Percent of accounts in competitive supply:		
						All	Low income	Non- Low income
-	Top 20: Limited English Proficiency	23%	159,242	26%	- \$0.0566	26%	32%	24%
-	Rest of State	5%	2,661,038	10%	- \$0.0954	27%	21%	28%
01840	Lawrence	39%	3,169	34%	- \$0.1281	22%	26%	20%
01103	Springfield	31%	1,212	29%	- \$0.0253	3%	23%	-6%
02637	Barnstable	31%	514	4%	- \$0.0436	18%	17%	18%
01841	Lawrence	29%	13,631	35%	- \$0.1178	26%	27%	25%
01841	Methuen	29%	54	31%	- \$0.1339	15%	18%	14%
02111	Boston	29%	4,265	22%	- \$0.0145	9%	20%	6%
01105	Springfield	28%	6,061	51%	- \$0.0447	45%	49%	41%
01107	Springfield	27%	3,858	52%	- \$0.0500	28%	39%	17%
02150	Chelsea	26%	13,903	23%	- \$0.0331	27%	35%	24%
01901	Lynn	25%	1,609	31%	- \$0.0946	18%	22%	17%
02128	Boston	24%	17,447	14%	- \$0.0153	15%	26%	13%
01843	Lawrence	22%	8,584	25%	- \$0.1232	23%	26%	22%
01902	Lynn	21%	15,830	22%	- \$0.1163	25%	28%	24%

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ZIP	Municipality	Percent limited English proficiency	Total accounts	Percent Low income Accounts	Average markup over basic	Percent of accounts in competitive supply:		
						All	Low income	Non- Low income
02746	New Bedford	21%	6,416	35%	- \$0.0164	24%	29%	22%
02149	Everett	20%	16,469	14%	- \$0.1180	22%	22%	21%
02121	Boston	19%	10,010	41%	- \$0.0168	34%	44%	27%
01608	Worcester	19%	2,465	10%	- \$0.0897	38%	20%	40%
01702	Framingham	19%	14,607	16%	- \$0.0478	25%	34%	24%
01104	Springfield	18%	8,106	44%	- \$0.0010	19%	29%	11%
01610	Worcester	18%	11,032	18%	- \$0.0917	49%	27%	54%

Appendix 4

Additional Data Examined

Appendix 4 – Additional Data Examined

In the tables and figures below, “MECO” is short for Massachusetts Electric Company, d/b/a National Grid and “Nantucket” is short for Nantucket Electric Company, d/b/a National Grid.

Table A4.1 – Total Net Loss (or Gain) by Utility Service Territory, July 2022 – June 2023

Region	Total Overcharge	
	Low Income	Non-low Income
Eversource East	\$1,613,840	(\$1,794,069)
Eversource West	\$2,584,116	\$1,033,601
MECO	(\$3,624,576)	(\$30,606,791)
Nantucket	(\$2,128)	(\$81,344)
Unitil	\$195,416	\$266,417
Total	\$766,668	(\$31,182,186)
Total All Incomes		(\$30,415,518)

Table A4.2 – Customer Bills by Utility Service Territory, July 2022 – June 2023

Region	Low Income	Non-low Income	% Low Income	% Non-low Income
Eversource East	324,855	1,405,498	19%	81%
Eversource West	137,144	232,375	37%	63%
MECO	411,291	1,997,293	17%	83%
Nantucket	79	4,046	2%	98%
Unitil	8,634	13,754	39%	61%

Figure A4.1 Distribution of gains and losses for all customers, July 2021 – June 2022

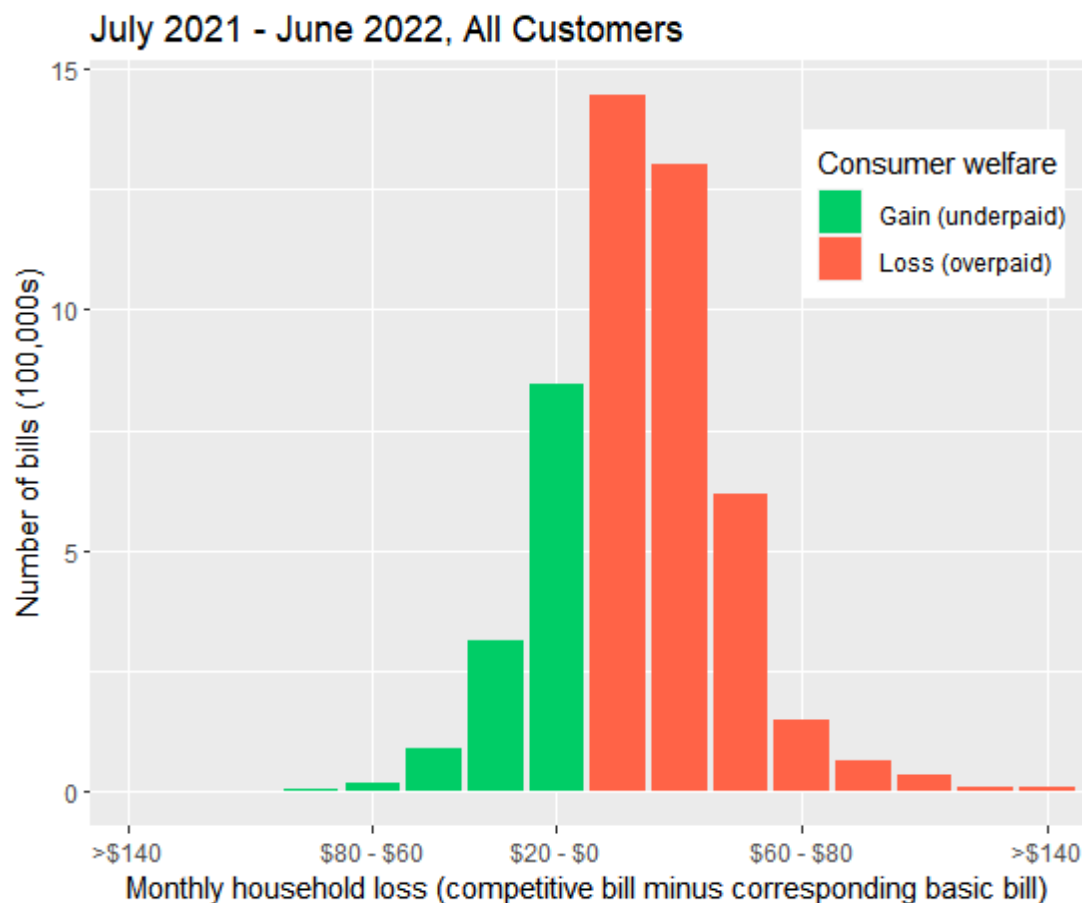


Figure A4.1 displays a frequency distribution of losses and gains on a monthly-bill basis for the period July 2021 – June 2022. During this time period, **1,278,768** bills showed a net gain by the consumer for purchasing service from the competitive supplier. **3,630,764** bills showed a net loss, a ratio of nearly 3-to-1. The average gain per bill was **\$18.03**. The average loss per bill was **\$29.15**. The net loss for consumers during this period was **\$82,784,637**.

Figure A4.2 Distribution of gains and losses for low-income customers, July 2021 – June 2022
July 2021 - June 2022, Low Income Customers

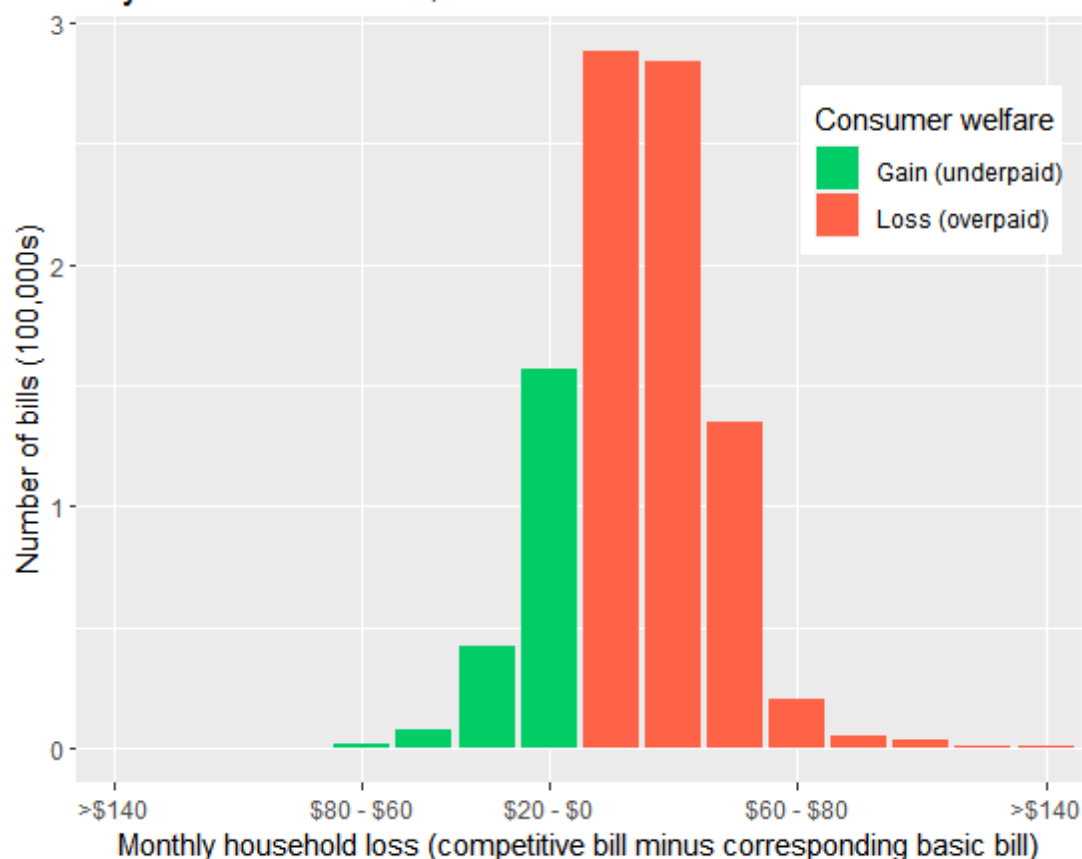


Figure A4.2 displays a frequency distribution of losses and gains on a monthly-bill basis for low-income customers for the period July 2021 – June 2022. During this time period, **209,338** bills showed a net gain by the consumer for purchasing service from the competitive supplier.

737,770 bills showed a net loss. The average gain per bill was **\$14.19**. The average loss per bill was **\$28.03**. The net loss for consumers during this period was **\$17,707,042**.

Table A4.3 shows the gains and losses for low-income households versus non-low-income households, July 2021 – June 2022

	July 2021 through June 2022		
	Low Income	Non-Low-Income	All
Number of bills showing a gain	209,338	1,069,430	1,278,768
Average gain	(\$14.19)	(\$18.78)	(\$18.03)
Number of bills showing a loss	737,770	2,892,994	3,630,764
Average loss	\$28.03	\$29.44	\$29.15
Total monthly bills	947,108	3,962,424	4,909,532
% of bills with gain	22%	27%	26%
% of bills with loss	78%	73%	74%
Total 12-month loss / (gain)	\$17,707,042	\$65,077,595	\$82,784,637

Note: Gains and losses are relative to what the customer would have been paid if subscribed to basic service through the utility. A positive amount indicated overpayment relative to basic rate, while a negative amount indicates that the customer paid less than s/he would have paid with basic service.

Figure A4.3 Distribution of gains and losses for all customers, July 2022 – June 2023

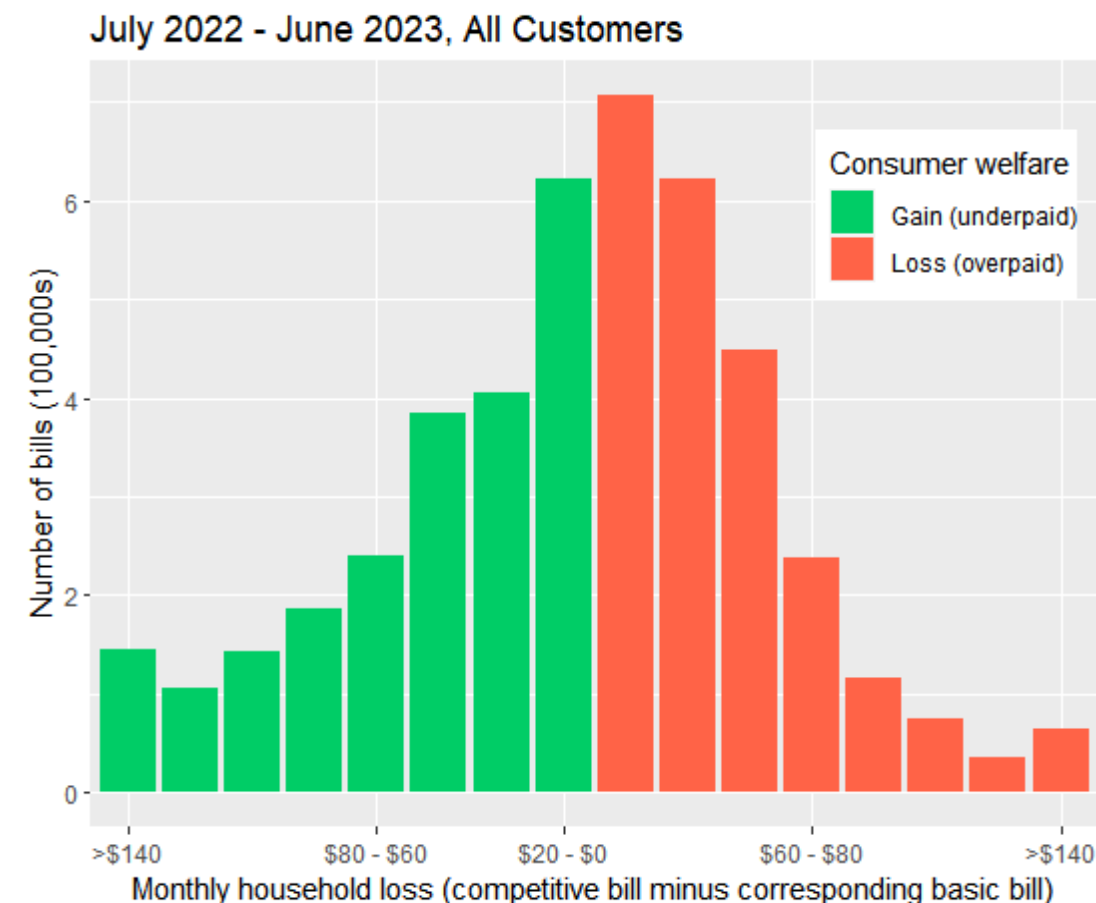


Figure A4.3 displays a frequency distribution of losses and gains on a monthly-bill basis for the period July 2022 – June 2023. During this time period, **2,230,111** bills showed a net gain by the consumer for purchasing service from the competitive supplier. **2,304,858** bills showed a net loss. The average gain per bill was **\$57.29**. The average loss per bill was **\$42.24**. The net gain for consumers during this period was **\$30,415,518**.

Figure A4.4 Distribution of gains and losses for low-income customers, July 2022 – June 2023

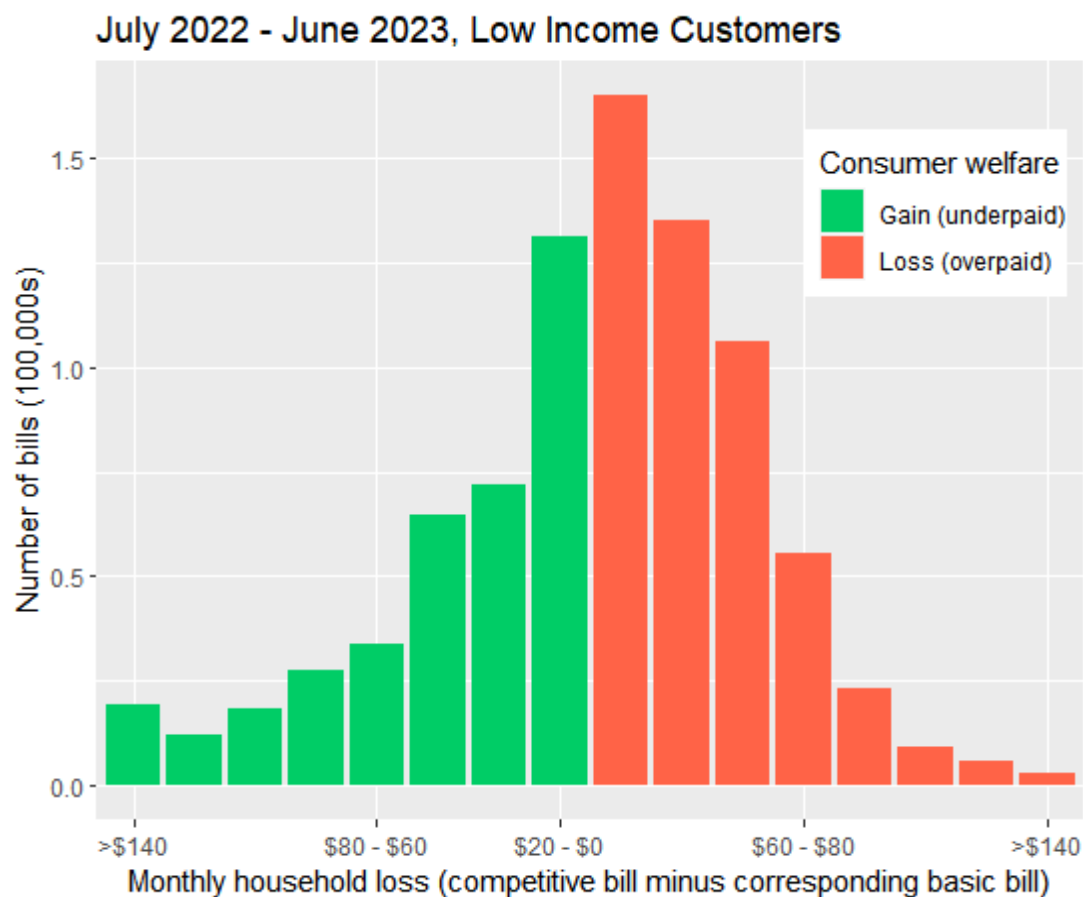


Figure A4.4 displays a frequency distribution of losses and gains on a monthly-bill basis for low-income customers for the period July 2022 – June 2023. During this time period, **379,026** bills showed a net gain by the consumer for purchasing service from the competitive supplier. **502,977** bills showed a net loss. The average gain per bill was **\$48.10**. The average loss per bill was **\$37.77**. The net loss for consumers during this period was **\$766,668**.

Table A4.4 shows the gains and losses for low-income households versus non-low-income households, July 2022 – June 2023

July 2022 through June 2023			
	Low Income	Non-Low-Income	All
Number of bills showing a gain	379,026	1,851,085	2,230,111
Average gain	(\$48.10)	(\$59.17)	(\$57.29)
Number of bills showing a loss	502,977	1,801,881	2,304,858
Average loss	\$37.77	\$43.48	\$42.24
Total monthly bills	882,003	3,652,966	4,534,969
% of bills with gain	43%	51%	49%
% of bills with loss	57%	49%	51%
Total 12-month loss / (gain)	\$766,668	(\$31,182,186)	(\$30,415,518)

Note: Gains and losses are relative to what the customer would have been paid if subscribed to basic service through the utility. A positive amount indicated overpayment relative to basic rate, while a negative amount indicates that the customer paid less than s/he would have paid with basic service.

Graphs Displaying the Gap Between Average Rate Paid to Competitive Suppliers and Rate Had Participants Purchased from Electric Distribution Companies (July 2022 – June 2023)

Figure A4.5(a) Statewide (note this is the same as Figure ES.1 in the Executive Summary)

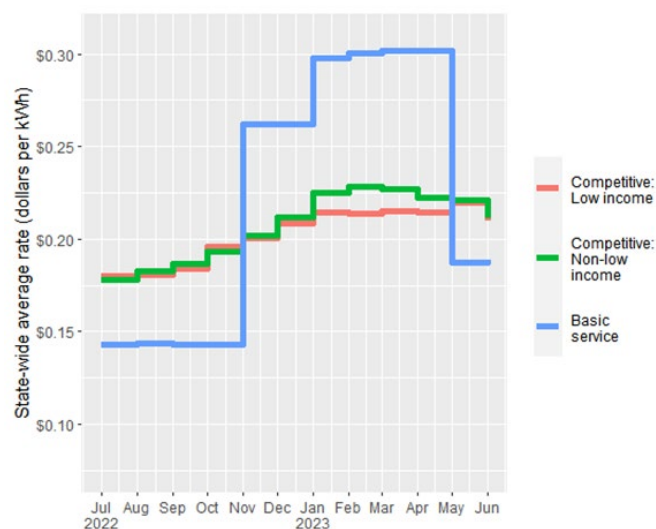


Figure A4.5(b) Eversource East

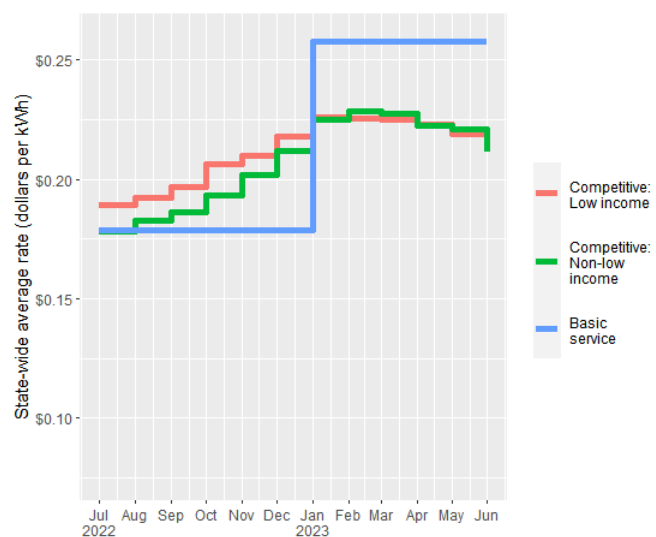


Figure A4.5(c) Eversource West

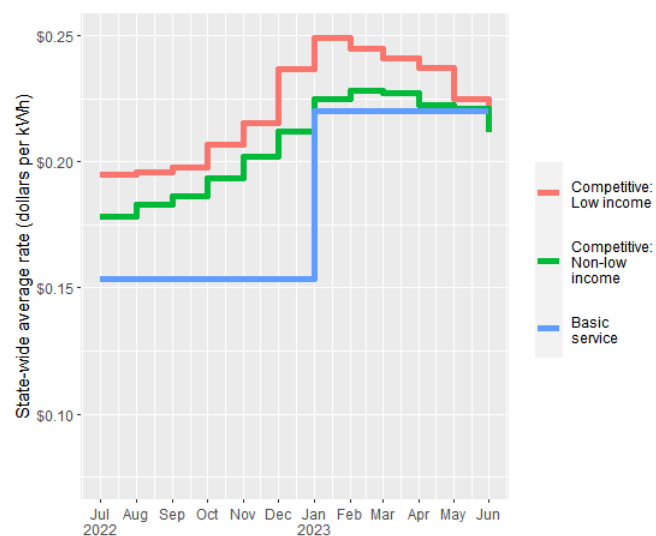


Figure A4.5(d) MECO

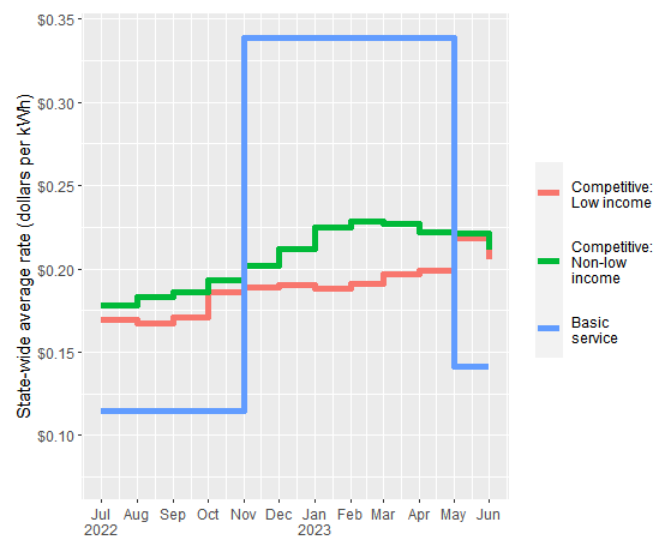


Figure A4.5(e) Nantucket

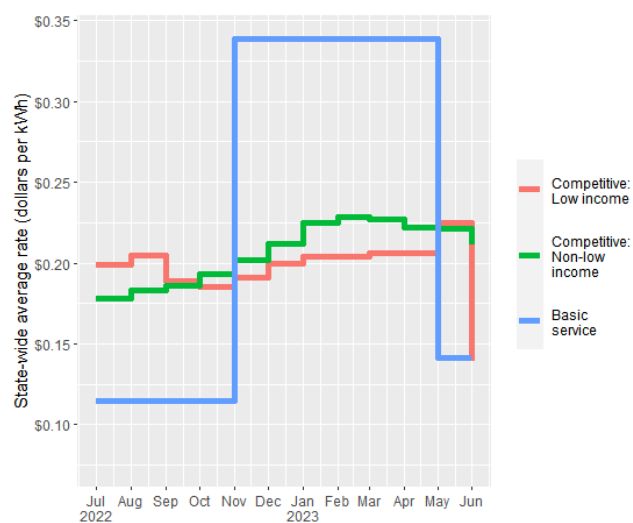


Figure A4.5(f) Unitil

