Research Indicates Massachusetts Electric Choice Greatly Benefits Residential Customers in the Commonwealth

prepared on behalf of nrg

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March 2024

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Introduction

Massachusetts retail electric choice benefits residential customers in the Commonwealth in terms of savings and price stability. At the same time, residential customers taking "basic service" from Massachusetts electric monopoly utilities experience high and volatile rates. Data further indicates that a large majority of choice customers including municipal aggregation customers[1] and direct choice customers[2] have saved significantly over monopoly utility rates since 2022, and that this trend is expected continue. More specifically, the analysis conducted by Intelometry revealed that:

Residential Choice Savings

2022-2023

- According to data from the Energy Information Administration ("EIA"), 84% of Massachusetts residential choice customers saved money over monopoly utility Basic Generation Service ("BGS") rates (the electric generation rate that competitive suppliers compete against) in 2022. Further, the data indicates that the savings over BGS averaged 33%, totaling nearly $370 in savings per choice customer in that year.
- EIA data further shows that collective residential choice savings in the Commonwealth was approximately $420 million in 2022. The data also indicates that if all Massachusetts residential customers took advantage of the highest savings available, residential class savings would have topped $1 billion for the year.
- EIA data does not break out municipal aggregation and direct choice customers. However, as part of this report's analysis, NRG Energy ("NRG") provided data exclusively to Intelometry for NRG's Direct Energy ("DE") brand. DE residential direct choice customers (meaning customers *not* part of a municipal aggregation) collectively saved nearly $15.3 million in 2022-2023. The average DE

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[1] Municipal aggregation customers are residents of a municipality (meaning a town or city) that purchases electricity in bulk from a competitive supplier on behalf of those residents. Municipal aggregation | Mass.gov

[2] Direct choice customers are those that purchase electricity directly from a competitive supplier.

customer saved $126 per year in 2022 compared and $241 in 2023 compared to Basic Service rates.

- Assuming all residential choice customers experienced the same savings rate as DE direct choice customers had, market wide residential choice savings in 2023 was nearly $425 million.[3] If all residential customers, meaning both choice and utility bundled, had signed up for DE products in 2023, collective savings would have been over $705 million for the year.[4]
- Customers who signed up for long-term contracts in the competitive market successfully shielded themselves from the volatility of the New England wholesale power grid. Competitive supplier electric offer data collected in 2021 and 2022 for products with fixed price terms extending into 2023 indicate that choice customers taking service from such products saved between 5% and 54% in 2023.

2024

- Savings opportunities continue to exist in Massachusetts for shopping customers. Competitive supplier offer data collected for 2024 to date shows that from January to March, at least 71% of offers were below their corresponding prevailing BGS rates and that savings over BGS averaged 25% to 41% depending on month and utility.
- Additionally, this data shows that even 63% of 2024 green offers[5] were below the corresponding prevailing BGS rate and, for these products, the savings over BGS averaged 18% to 39% depending on month and utility.

High & Volatile Monopoly Rates

BGS Rates

- Despite claims to the contrary, Massachusetts monopoly utility residential BGS rates are not low or stable. BGS fixed rates, for example, have risen 34% to 57% since 2018, and have changed by

[3] This figure is derived by taking the 2023 weighted average DE direct choice savings price in per kWh and multiplying this figure by choice residential kWh for 2022 as provided in the 2022 EIA report.

[4] This figure is derived by taking the 2023 weighted average DE direct choice savings price in per kWh and multiplying this figure by choice plus bundled residential kWh for 2022 as provided in the 2022 EIA report.

[5] Green offers are defined as those that provide a percentage of green energy that's higher than the state minimum requirement.

an average of 20% to 44% each BGS period depending on utility. Additionally, since 2018 the single biggest increase in residential fixed BGS rates in a single period was a staggering 195%.

- Massachusetts monopoly utility variable BGS rates, those that provide a month-to-month pricing option are also neither low nor stable. As of February 2024, these rates have risen 62% to 86% since 2018 depending on utility. Additionally, BGS variable rates have changed 11% to 13% each month depending on utility, with the biggest increase in a single month coming in at 146%.

Delivery Rates

- Massachusetts electric monopoly utility residential delivery service rates are also not low or stable. Delivery service rates are the monopoly wires charges all customers (choice and utility bundled) must pay. Utility tariff data shows that these rates have increased 42% to 72% since 2018 and that they almost always increase annually at rate of 6% to 8% depending on utility.

The above findings make clear that residential electric choice should not be abolished in the Commonwealth, and that Massachusetts regulators should promote electric choice so that more consumers benefit from electric competition. In addition to the large amount of savings realized, there were additional savings that were left on the table because customers *did not* actively shop. It is likely that anti-choice rhetoric resulted in customers losing money by remaining on high utility rates when savings were and remain readily available with competitive options.

The findings further demonstrate that monopoly utility BGS rates are not low or stable, and it should not necessarily be regarded as a safe or affordable option for consumers, and instead should be a provider of last resort. Finally, the finding that monopoly utility delivery services rates have increased over time should serve as a further warning that regulation has not protected consumers from significant and often volatile rate increases in the Commonwealth. The Massachusetts legislature and the Massachusetts Department of Public Utilities (“DPU”) should continue to support electric competition in the Commonwealth and ensure that all residential customers have access to competitive options.

Massachusetts Residential Choice Savings

Establishing whether residential choice customers saved money in any given year is difficult since competitive electric supplier data for individual customers is proprietary and not available. However, the presence of residential choice savings can be estimated using two publicly available sources. The first is the EIA's ***Annual Electric Power Industry Report, Form EIA-861 ("EIA-861 Report")***, which breaks down the revenues, sales, and number of customers by customer class, state, and electricity provider. While this EIA data is high level and as such offers only limited value in assessing the market, it does enable a derivation of the average retail electric price paid by residential customers of each competitive supplier operating in Massachusetts for available years. The other publicly available source is competitive electric supplier residential product offers posted on Energy Switch Massachusetts.[6] These are collected for the Commonwealth by Intelometry monthly and can be compared to their corresponding prevailing BGS rates to determine if savings are available.

In addition to the publicly available sources discussed above, NRG provided Intelometry with 2022 and 2023 residential revenue and usage data for the company's DE brand. This proprietary data was also used to determine the level of residential choice savings in the Commonwealth.

An analysis of the three sources above indicates that residential choice customers in the Commonwealth saved money in 2022 and 2023 and are already saving money in 2024. The remainder of this section discusses the analysis conducted for each year as well as findings. More detailed data associated with the analysis is provided in the Appendix section.

Residential Customers Savings in 2022

EIA-861 Report

Analysis of the 2022 ***EIA-861 Report***[7] indicates that 1,349,451 residential customers in the Commonwealth took advantage of retail electric choice in that year. Of those, 1,135,908 customers (over 84%) realized a collective savings of over $420 million for the year, with a weighted average savings rate of 33% which equates to a savings over BGS rates of nearly $370 per customer for the year. These figures were derived by first calculating the 2022 weighted average per kWh price for each choice supplier, and then comparing these figures to the weighted average BGS price for the

[6] http://energyswitchma.gov

[7] Annual Electric Power Industry Report, Form EIA-861 detailed data files

year. Residential usage and customer counts for competitive suppliers with prices falling below the BGS were then summed to derive total savings and other statistics. ***Table 2.0*** below provides a more detailed breakdown of 2022 realized residential choice savings.

Table 2.0

2022 Massachusetts Retail Electric Choice Residential Customer Savings[8,9]	
Electric Choice Supplier	All Electric Choice Suppliers
Choice Supplier Revenue for Residential Class (in $)	$1,287,323,800
Choice Sales for Residential Class (in MWh)	9,989,554
Choice Residential Class Customer Count	1,349,451
Number of Residential Customers that Saved	1,135,908
Total Residential Class Savings Usage (in MWh)	8,629,163
Choice Residential Class Savings (in $ per kWh)	$0.04867
Choice Residential Class Savings (in %)	**29%**
Total Choice Savings for Residential Class (in $)	**$420,014,981**
% of Residential Choice Customers that Saved Money	**84%**
Annual Choice Savings per Residential Customer (in $)	**$369.76**

Finally, the lowest weighted average supplier price for 2022 was multiplied by all residential kWh for the year to derive the market wide savings potential for the residential class. This potential savings was more than a billion dollars. In other words, the fact that customers did not actively shop, and indeed may have been discouraged from shopping by opponents of residential retail choice, caused the state to miss out on over $600 million in savings relative to utility basic service. ***Table 2.1*** below provides a breakdown of the derivation of this figure. The 2022 ***EIA-861 Report*** for Massachusetts is provided in the Appendix section.

Table 2.1

2022 Massachusetts Retail Electric Choice Total Savings Potential for Residential Class	
Total Residential MWh: Choice	9,989,554
Total Residential MWh: Utility Bundled	6,589,328
Total Residential MWh: Choice + Utility Bundled	16,578,882
Highest Choice Savings (in $ per kWh)	$0.06164
Highest Choice Savings applied to all Residential Customers (choice plus utility bundled)	**$1,021,922,871**

[8] Figures exclude competitive suppliers known to serve primarily residential community choice aggregation customers.

[9] Values exclude figures for ***EIA-861 Report*** ownership designations of "behind the meter", "municipal" and "political subdivision".

Direct Energy Data

One of the issues with using ***EIA-861 Report*** data to derive Massachusetts electric choice savings is that the report does not breakout municipal-aggregation customers from those that individually take service from competitive suppliers (direct choice). To analyze savings associated with direct choice customers specifically, NRG provided Intelometry with 2022 and 2023 Massachusetts data that included DE revenue and usage figures for DE's direct choice customers.

Analysis of this data shows that DE residential customers not part of a municipal aggregation saved 9% to 28% over their corresponding monopoly utility BGS rate in 2022, which amounted to a collective savings of approximately $5.3 million. ***Table 2.2*** below shows the savings these customers realized over their corresponding monopoly utility BGS rates in 2022.

Table 2.2

2022 Direct Energy Residential Customer Savings

Utility	Weighted Average BGS Price (in $ per kWh)	Weighted Average Direct Energy Price (in $ per kWh)	Residential Savings (in $ per kWh)	Residential Savings (in %)	2023 Collective Choice Savings of Direct Energy non-aggregation Residential Customers (in $)
NATIONALGRID/MECO	$0.17562	$0.16016	$0.01546	9%	$2,359,976
NATIONALGRID/NANTUCKET	$0.15895	$0.11375	$0.04520	28%	$6,211
EVERSOURCE/NSTAR	$0.16861	$0.14510	$0.02351	14%	$3,029,893
All Utilities	**$0.17240**	**$0.15324**	**$0.01916**	**11%**	**$5,396,079**

DE's Massachusetts residential customer data for 2022 provides further confirmation that most choice customers saved money over utility BGS rates in 2022.

Electric Supplier Offer Data

Evidence for 2022 residential choice savings in the Commonwealth can also be found in competitive supplier electric offers posted on Energy Switch Massachusetts. Intelometry has been collecting competitive offers posted on Energy Switch Massachusetts since 2016. Offer data collected for 2022 indicates that 21% of competitive offers posted in that year fell below the corresponding prevailing monopoly utility BGS rate. Further, the data shows that NATIONALGRID/MECO and EVERSOURCE/NSTAR, which account for over 90% of the Commonwealth's residential customers, had the highest percentage of offers falling below their corresponding BGS rate at 32% and 23%

respectively. ***Table 2.3*** below illustrates the percentage of supplier offers falling below their corresponding BGS rate by utility.

Table 2.3

Calendar Year 2022 Percentage of Residential Retail Electric Choice Offers Falling Below Their Corresponding Monopoly Utility BGS Rate					
FG&E/UNITIL	NATIONALGRID/MECO	NATIONALGRID/NANTUCKET	EVERSOURCE/NSTAR	EVERSOURCE/WMECO	All Utilities
11%	32%	32%	23%	7%	**21%**

The data further shows that 2022 market wide residential savings potential topped $560 million. This value was derived by assuming all residential customers took service under the lowest priced offer posted for their corresponding utility service area in January 2022 and remained on that offer for the offer term. Out of the five utilities surveyed, only FG&E/UNITIL showed a market loss for 2022 of approximately $3.4 million, while NATIONALGRID/MECO and EVERSOURCE/NSTAR, the two largest utilities, combined for nearly $547 million in available market savings. ***Table 2.4*** below provides the choice savings available in 2022 by utility based on collected competitive offers in that year.

Table 2.4

Calendar Year 2022 Potential for Residential Market Wide Savings from Massachusetts Retail Electric Choice					
FG&E/UNITIL	NATIONALGRID/MECO	NATIONALGRID/NANTUCKET	EVERSOURCE/NSTAR	EVERSOURCE/WMECO	All Utilities
($3,448,684)	$193,725,574	$2,463,490	$353,048,983	$14,263,458	**$560,052,821**

Table 2.4 *does not* account for residential customers who entered into competitive fixed price contracts in 2020 and 2021 that extended into 2022. For example, a residential customer that signed up for a 36-month fixed price offer in 2020 would have continued to pay the offer price through 2022. This is significant since fixed price offers with terms extending into 2022 were 15% to 37% lower on average than 2022 BGS rates depending on product term and utility. Long-term fixed price offers in 2021 that extended into 2022 were also lower, saving choice customers 8% to 40% over 2022 BGS. ***Tables 2.5*** and ***2.6*** below illustrate the average savings residential customers that entered into competitive fixed price contracts in 2020 and 2021 that extended into 2022 realized over their corresponding 2022 BGS rates. The tables provide further illustration of the savings residential customers realize with electric choice in the Commonwealth. More detailed tables are provided in the Appendix section.

Table 2.5

Savings with Long-Run Competitive Offers Posted in 2020 Over 2022 Monopoly Utility BGS Rates (in %)						
Offer Term (in Month)	FG&E/UNITIL	NATIONALGRID/MECO	NATIONALGRID/NANTUCKET	EVERSOURCE/NSTAR	EVERSOURCE/WMECO	All Utilities
20		30%		37%		33%
24	25%	25%	22%	32%	24%	26%
30				35%	29%	31%
36	16%	20%	16%	25%	15%	19%

Table 2.6

Savings with Long-Run Competitive Offers Posted in 2021 Over 2022 Monopoly Utility BGS Rates (in %)						
Offer Term (in Month)	FG&E/UNITIL	NATIONALGRID/MECO	NATIONALGRID/NANTUCKET	EVERSOURCE/NSTAR	EVERSOURCE/WMECO	All Utilities
15	26%	16%	29%	22%	8%	20%
18	18%	20%	18%	26%	19%	20%
20	24%	28%	26%	33%	28%	28%
22	23%	26%	24%	33%	28%	27%
24	16%	17%	20%	26%	17%	19%
25				36%		36%
26		19%		28%		23%
27		24%		33%		29%
28		29%		34%		32%
30	31%	21%	36%	27%	18%	27%
32	34%	33%	31%	40%	32%	34%
33		15%		22%		18%
36	22%	14%	17%	20%	9%	16%
38	19%	25%		29%	18%	23%

Residential Customer Savings in 2023

Direct Energy Data

According to the EIA, the ***EIA-861 Report*** for 2023 will not be published until October of this year so Intelometry relied on 2023 DE data to estimate savings. Analysis of this data shows that DE direct choice customers saved 16% to 30% over their corresponding monopoly utility BGS rates in 2023, which amounted to a collective savings of approximately $9.9 million. This result is not surprising since BGS prices were approximately 30% higher in 2023 than they were in 2022. ***Table 2.7*** below shows the collective savings of DE residential direct choice customers in 2023 by utility.

Table 2.7

2023 Direct Energy Residential Customer Savings					
Utility	Weighted Average BGS Price (in $ per kWh)	Weighted Average Direct Energy Price (in $ per kWh)	Residential Savings (in $ per kWh)	Residential Savings (in %)	2023 Collective Choice Savings of Direct Energy non-aggregation Residential Customers (in $)
NATIONALGRID/MECO	$0.21383	$0.17163	$0.04220	20%	$5,309,094
NATIONALGRID/NANTUCKET	$0.25841	$0.18187	$0.07654	30%	$4,637
EVERSOURCE/NSTAR	$0.21002	$0.16136	$0.04865	23%	$3,655,876
EVERSOURCE/WMECO	$0.18227	$0.15306	$0.02921	16%	$919,623
All Utilities	**$0.20833**	**$0.16580**	**$0.04253**	**20%**	**$9,889,230**

Assuming residential choice customers taking service from other competitive suppliers experienced similar savings, total savings in 2023 would have been nearly $425 million. If all residential customers, meaning both bundled and choice, took advantage of DE products in 2023, market wide savings would have topped $705 million (see ***Table 2.8***).

Table 2.8

2023 Massachusetts Retail Electric Choice Total Savings Potential for Residential Class	
Total Residential MWh: Choice	9,989,554
DE Residential Choice Savings (in $ per kWh)	$0.04253
DE Savings applied to all Residential Choice Customers	**$424,895,669**
Total Residential MWh: Utility Bundled	6,589,328
Total Residential MWh: Choice + Utility Bundled	16,578,882
DE Savings applied to all Residential Customers (choice plus utility bundled)	**$705,166,133**

Electric Supplier Offer Data

While the previous section discussed 2023 choice savings realized by DE customers, competitive supplier offer data for 2023 provides a view into residential choice savings across competitive suppliers operating in the Commonwealth. Competitive offer data collected by Intelometry in 2023 indicates that residential choice savings were likely higher in 2023 than even 2022, with 45% to 97% of electric choice offers falling below their corresponding prevailing monopoly utility BGS rate across that year. ***Table 2.9*** below illustrates the percentage of competitive offers falling below their corresponding BGS rate by utility in 2023. These figures are substantially higher than 2022 where only 7% to 32% of posted competitive offers fell below their corresponding BGS rate.

Table 2.9

Calendar Year 2023 Percentage of Residential Retail Electric Choice Offers Falling Below Their Corresponding Monopoly Utility BGS Rate					
FG&E/UNITIL	NATIONALGRID/MECO	NATIONALGRID/NANTUCKET	EVERSOURCE/NSTAR	EVERSOURCE/WMECO	All Utilities
97%	51%	45%	83%	70%	74%

The data further shows that savings potential associated with posted competitive offers, meaning offers across suppliers, topped $1.1 billion in 2023, which was nearly double the equivalent potential savings in 2022. This figure is also nearly $300 million higher than savings attributed to DE's savings rate alone. ***Table 2.10*** below provides the market wide residential savings available for 2023 by utility based on posted competitive offers.

Table 2.10

Calendar Year 2023 Potential for Residential Market Wide Savings from Massachusetts Retail Electric Choice					
FG&E/UNITIL	NATIONALGRID/MECO	NATIONALGRID/NANTUCKET	EVERSOURCE/NSTAR	EVERSOURCE/WMECO	All Utilities
$8,986,188	$480,860,056	$9,049,461	$564,532,415	$38,568,412	**$1,101,996,532**

Again, ***Table 2.9*** *does not* account for residential customers who entered into long run fixed price contracts in 2021 and 2022 that extended into 2023. 2021 fixed price offers for terms extending into 2023 were 34% to 54% lower on average than 2023 BGS rates depending on product term and utility. 2022 fixed price offers for terms extending into 2023 that beat the BGS were 5% to 40% lower on average (see ***Tables 2.11*** and ***2.12***).

Table 2.11

Savings of Long-Run Retail Supplier Offers Posted in 2021 Over 2023 Monopoly Utility BGS Rates (in %)						
Offer Term (in Month)	FG&E/UNITIL	NATIONALGRID/MECO	NATIONALGRID/NANTUCKET	EVERSOURCE/NSTAR	EVERSOURCE/WMECO	All Utilities
20	47%	47%	46%	45%	43%	**46%**
22	46%	46%	44%	45%	43%	**45%**
24	41%	40%	41%	40%	34%	**39%**
25				48%		**49%**
26		40%		41%		**40%**
27		44%		45%		**44%**
28		48%		46%		**47%**
30	52%	42%	53%	40%	35%	**41%**

32	54%	51%	49%	50%	46%	**50%**
33		38%		36%		**36%**
36	46%	37%	39%	34%	28%	**36%**
38	44%	45%		42%	35%	**43%**

Table 2.12

Savings of Long-Run Retail Supplier Offers Posted in 2022 Over 2023 Monopoly Utility BGS Rates (in %)

Offer Term (in Month)	FG&E/UNITIL	NATIONALGRID/MECO	NATIONALGRID/NANTUCKET	EVERSOURCE/NSTAR	EVERSOURCE/WMECO	All Utilities
15				40%		**40%**
18	19%	6%	32%	5%		**15%**
20				40%		**40%**
24	5%	6%	12%	4%		**7%**
30			34%			34%
33		39%		38%		39%
36		17%	18%	15%	11%	15%

Residential Customer Savings in 2024

Competitive offer data collected by Intelometry this year shows that the trend of residential electric choice savings over utility BGS rates remains prevalent in 2024, and that choice savings available to residential customers continues to be significant.

January 2024

Competitive supplier offer data collected for January 2024 shows that 87% of residential offers and 86% of green offers fell below the corresponding prevailing BGS rate. Further, residential savings with the lowest offer available was 25% to 36% depending on the utility. Finally, the data shows that if all residential customers took advantage of the lowest competitive offer, market wide savings would have been over $76 million for the month. ***Table 2.13*** below provides the breakdown for January 2024 competitive offer savings by utility. More detailed data is provided in the Appendix section.

Table 2.13

January 2024

Utility	% of Total Offers Falling Below BGS	% Savings Over BGS with Lowest Offer	% of Green Offers Falling Below BGS	% Savings Over BGS with Lowest Green Offer	Market Wide Savings with Lowest Offer
FG&E/UNITIL	100%	36%	100%	33%	$1,049,594
NATIONALGRID/MECO	88%	35%	88%	33%	$40,572,257

NATIONALGRID/NANTUCKET	93%	25%	100%	23%	$442,555
EVERSOURCE/NSTAR	87%	31%	87%	29%	$30,638,258
EVERSOURCE/WMECO	71%	25%	63%	18%	$3,884,644
All Utilities					**$76,587,308**

February 2024

Similar to January, competitive offer data collected in February 2024 shows that 90% of competitive residential offers and 88% of green offers fell below the corresponding prevailing BGS rate. Further, residential savings with lowest offer was 27% to 40% for the month depending on the utility. Finally, the data shows that if all residential customers took advantage of the lowest supplier offer, market wide savings would have been over $82 million for the month.

Table 2.14

February 2024

Utility	% of Total Offers Falling Below BGS	% Savings Over BGS with Lowest Offer	% of Green Offers Falling Below BGS	% Savings Over BGS with Lowest Green Offer	Market Wide Savings with Lowest Offer
FG&E/UNITIL	100%	37%	100%	28%	$888,076
NATIONALGRID/MECO	94%	40%	93%	39%	$43,830,711
NATIONALGRID/NANTUCKET	100%	27%	100%	23%	$427,776
EVERSOURCE/NSTAR	89%	38%	89%	37%	$33,123,073
EVERSOURCE/WMECO	78%	33%	63%	32%	$4,528,303
All Utilities					**$82,797,939**

March 2024

While not finalized, preliminary March competitive offer data shows that 90% of residential offers and 88% of green offers fall below the corresponding prevailing BGS rate. Residential savings with the lowest offer amounts to 34% to 41% depending on the utility. Finally, the data shows that if all residential customers took advantage of the lowest supplier offer, market wide savings would be over $80 million for the month.

Table 2.15

March 2024 (Preliminary)

Utility	% of Total Offers Falling Below BGS	% Savings Over BGS with Lowest Offer	% of Green Offers Falling Below BGS	% Savings Over BGS with Lowest Green Offer	Market Wide Savings with Lowest Offer
FG&E/UNITIL	94%	41%	86%	31%	$894,625
NATIONALGRID/MECO	93%	40%	92%	39%	$42,057,615

NATIONALGRID/NANTUCKET	100%	37%	100%	26%	$579,283
EVERSOURCE/NSTAR	89%	39%	87%	37%	$32,169,889
EVERSOURCE/WMECO	82%	34%	69%	32%	$4,525,550
All Utilities					**$80,226,962**

Monopoly Utility Rates are Not Low or Stable

Despite claims to the contrary, Massachusetts monopoly utility electric rates are highly volatile and have increased significantly in recent years. As such, these tariff rates should not be used as a baseline for comparison to competitive supplier products that offer price stability, not to mention savings. A key reason for this is that BGS rates are most often set for 6 months at a time (fixed rates) or change monthly (variable rates), while competitive supplier products can lock prices for up to 38 months, thereby shielding residential customers from market volatility. The high cost and volatile nature of monopoly utility rates in the Commonwealth can also be observed in utility-based wires charges, known as delivery service rates, that are charged to all residential customers including choice customers.

Monopoly Utility Residential BGS Rates

From January 2018 through February 2024 Massachusetts monopoly utility residential fixed BGS rates have risen 34% to 57% depending on utility. BGS variable rates have risen even more substantially, increasing by 62% to 89% for the same period (see ***Tables 3.0*** and ***3.1*** below).

Table 3.0

Increase in Massachusetts Monopoly Utility Residential BGS Fixed Rates
Jan 2018 to Feb 2024

FG&E/UNITIL	NATIONALGRID/MECO	NATIONALGRID/NANTUCKET	EVERSOURCE/NSTAR	EVERSOURCE/WMECO
57%	44%	44%	34%	51%

Table 3.1

Increase in Massachusetts Monopoly Utility Residential BGS Variable Rates
Jan 2018 to Feb 2024

FG&E/UNITIL	NATIONALGRID/MECO	NATIONALGRID/NANTUCKET	EVERSOURCE/NSTAR	EVERSOURCE/WMECO
86%	69%	69%	62%	74%

In addition to residential BGS rates increasing tremendously over the last six years, residential BGS price volatility has also been quite high. Since 2018, residential BGS fixed rate customers experienced a total of 13 to 14 BGS price changes depending on utility. In each price period, BGS rates changed by an average of 19% to 44% depending on utility, with the highest rate increase falling between 45% and 195% depending on utility. Residential BGS variable rate customers saw their BGS price change by an average of 11% to 13% per month during the same period with the highest monthly percentage rate increase falling between 71% and 145% depending on utility (see ***Tables 3.2*** and ***3.3*** below).

Table 3.2

Change in Massachusetts Monopoly Utility Residential BGS Fixed Rates
Jan 2018 to Feb 2024

	FG&E/UNITIL	NATIONALGRID/MECO	NATIONALGRID /NANTUCKET	EVERSOURCE/NSTAR	EVERSOURCE/WMECO
Average Change in Residential BGS Fixed Rate per BGS Period	24%	44%	44%	20%	19%
Highest Residential BGS Fixed Rate Increase in a Single BGS Period	60%	195%	195%	47%	45%

Table 3.3

Change in Massachusetts Monopoly Utility Residential BGS Variable Rates
Jan 2018 to Feb 2024

	FG&E/UNITIL	NATIONALGRID/MECO	NATIONALGRID/NANTUCKET	EVERSOURCE/NSTAR	EVERSOURCE /WMECO
Average Change in Residential BGS Variable Rate per Month	13%	11%	11%	13%	12%
Highest BGS Residential Variable Rate Increase in a Single Month	75%	146%	146%	78%	71%

The above figures indicate that Massachusetts residential BGS customers have had to deal with both ever increasing BGS prices in addition to BGS rate shocks that hit their pocketbooks without warning.

Monopoly Utility Delivery Rates

In addition to BGS rate increases in recent years, monopoly utility delivery rates have also increased significantly. Delivery rates are different than BGS rates since they are monopoly rates all Massachusetts customers must pay regardless of whether they take generation service from a competitive supplier or their utility. Since 2018 Massachusetts residential delivery rates have risen 42% to 72% depending on utility (see ***Table 3.4*** below).

Table 3.4

Change in Massachusetts Monopoly Utility Residential Delivery Rates Jan 2018 to Feb 2024				
FG&E/UNITIL	NATIONALGRID/MECO	NATIONALGRID/NANTUCKET	EVERSOURCE/NSTAR	EVERSOURCE/WMECO
72%	53%	53%	42%	54%

However, unlike BGS rate prices that fluctuate, delivery rates typically increase over time and rarely decrease. This is because BGS rates are checked by the competitive market, so prices will ebb and flow as the upstream market fluctuates. Delivery rates have no competitive alternative and are subject exclusively to regulation and its cycle of rate increases. If BGS were returned to a more "regulated" paradigm by abolishing its competitive-retail alternatives, this same tendency likely would take hold of supply costs in the Commonwealth. Getting rid of choice would mean higher prices for Massachusetts consumers across the board. ***Table 3.5*** below illustrates the percentage increase for residential delivery services prices in the Commonwealth from 2018 to 2024. [10]

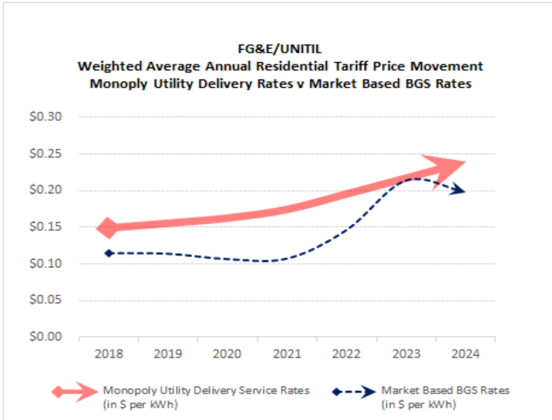
Table 3.5

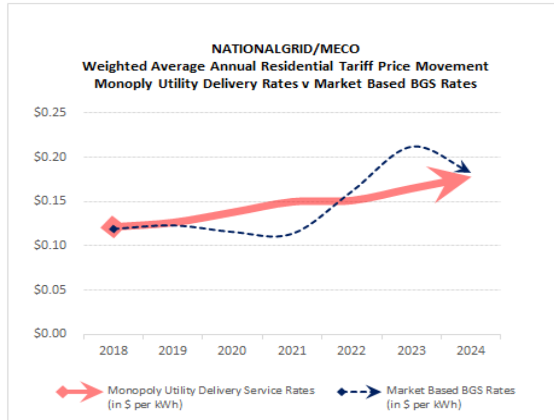
Compounded Annual Growth Rate of Monopoly Utility Residential Delivery Rates Jan 2018 to Feb 2024				
FG&E/UNITIL	NATIONALGRID/MECO	NATIONALGRID/NANTUCKET	EVERSOURCE/NSTAR	EVERSOURCE/WMECO
8%	7%	6%	7%	6%

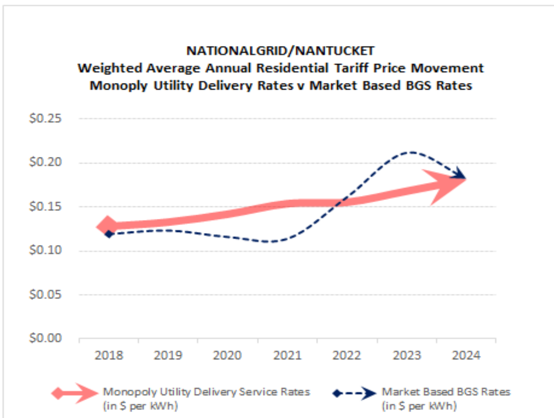
In addition to ***Table 3.5***, the charts in ***Table 3.6*** below illustrate the difference in price movement across time between BGS rates checked by electric choice and monopoly delivery rates that trap residential customers in tariff rates they cannot escape. As shown by the table, while competition keeps BGS rates in line with the market, monopoly utility delivery rates only increase over time. More detailed views of historical delivery service rates are provided in the Appendix section.

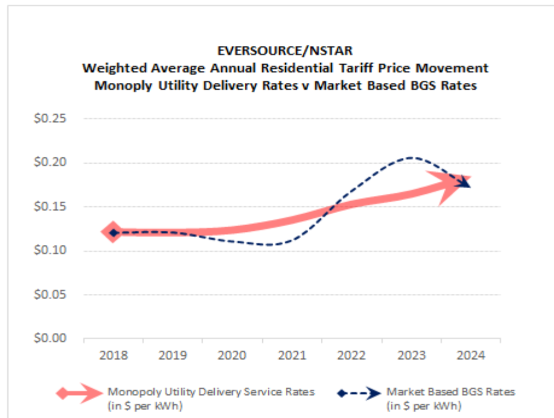
Table 3.6

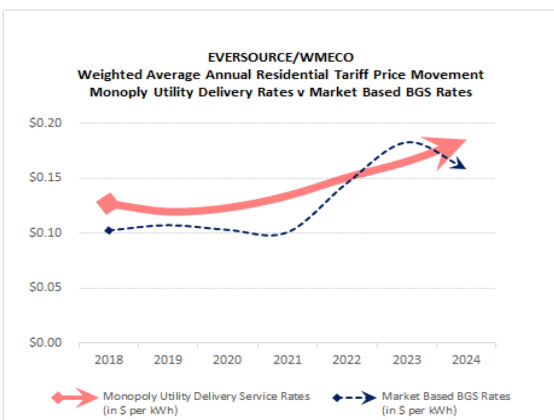
[10] Values represent the compounded annual growth rate ("**CAGR**") of delivery prices from January 2018 to February 2024.











Conclusion

It's clear that Massachusetts electric choice provides residential customers with significant savings opportunities over monopoly utility BGS rates in the Commonwealth. Data compiled and analyzed by Intelometry from multiple sources including EIA, NRG, Energy Switch Massachusetts, and

Massachusetts electric monopoly utility tariffs clearly demonstrates that residential choice customers have been saving significant money en masse since at least 2022 and that savings is continuing into 2024. The data also makes clear that abolishing choice will trap residential customers in high, volatile, and ever-increasing monopoly utility rates that offer no benefits to consumers beyond turning the lights on. Massachusetts legislators and regulators should work to protect and expand electric choice so that residential customers in the Commonwealth can continue to benefit from the competitive market.

Appendix

Residential Choice Savings

2022 EIA-861 Report

Utility Characteristics									RESIDENTIAL		
									Revenues	Sales	Customers
Data Yea	Utility Numbe	Utility Name	Part	Service Type	Data Type O = Observed I = Impute	State	Ownership	BA Code	Thousand Dollars	Megawatthours	Count
2022	2144	Town of Braintree - (MA)	A	Bundled	O	MA	Municipal	ISNE	17,572.0	119,243	14,006
2022	3477	City of Chicopee - (MA)	A	Bundled	O	MA	Municipal	ISNE	32,445.4	201,694	23,207
2022	5480	Town of Danvers	A	Bundled	O	MA	Municipal	ISNE	15,814.3	96,531	11,486
2022	6374	Fitchburg Gas & Elec Light Co	A	Bundled	O	MA	Investor Owned	ISNE	34,761.8	116,212	18,525
2022	6374	Fitchburg Gas & Elec Light Co	C	Delivery	O	MA	Investor Owned	ISNE	8,995.2	56,128	7,531
2022	7279	NextEra Energy Services, LLC	B	Energy	O	MA	Retail Power Marketer	ISNE	132,047.0	1,112,685	113,978
2022	7554	Green Mountain Energy Company	B	Energy	O	MA	Retail Power Marketer	ISNE	2,013.8	11,094	1,797
2022	8774	City of Holyoke - (MA)	A	Bundled	O	MA	Municipal	ISNE	15,360.0	110,165	14,976
2022	8973	Town of Hudson - (MA)	A	Bundled	O	MA	Municipal	ISNE	12,928.3	105,020	11,396
2022	9949	Just Energy	B	Energy	O	MA	Retail Power Marketer	ISNE	4,775.3	28,143	5,122
2022	11085	Town of Littleton - (MA)	A	Bundled	O	MA	Municipal	ISNE	9,471.3	69,774	6,684
2022	11586	Town of Mansfield - (MA)	A	Bundled	O	MA	Municipal	ISNE	12,396.8	84,148	9,381
2022	11804	Massachusetts Electric Co	A	Bundled	O	MA	Investor Owned	ISNE	1,143,647.4	4,008,052	611,277
2022	11804	Massachusetts Electric Co	C	Delivery	O	MA	Investor Owned	ISNE	553,891.3	4,124,774	579,581
2022	12473	Town of Middleborough - (MA)	A	Bundled	O	MA	Municipal	ISNE	19,957.0	138,299	15,165
2022	13206	Nantucket Electric Co	A	Bundled	O	MA	Investor Owned	ISNE	5,502.4	18,578	2,033
2022	13206	Nantucket Electric Co	C	Delivery	O	MA	Investor Owned	ISNE	15,525.5	104,671	10,415
2022	13374	Constellation NewEnergy, Inc	B	Energy	O	MA	Retail Power Marketer	ISNE	337,656.9	3,052,519	453,240
2022	13679	Town of North Attleborough - (MA)	A	Bundled	O	MA	Municipal	ISNE	17,709.3	114,521	12,530
2022	13839	City of Norwood - (MA)	A	Bundled	O	MA	Municipal	ISNE	15,681.0	90,880	13,791
2022	14605	City of Peabody - (MA)	A	Bundled	O	MA	Municipal	ISNE	24,709.3	196,321	22,203
2022	15748	Town of Reading - (MA)	A	Bundled	O	MA	Municipal	ISNE	43,930.0	259,411	28,410
2022	16840	Calpine Energy Solutions, LLC	B	Energy	O	MA	Retail Power Marketer	ISNE	0.0	0	0
2022	17127	Town of Shrewsbury - (MA)	A	Bundled	O	MA	Municipal	ISNE	18,659.0	137,976	15,044
2022	18087	Town of Sterling - (MA)	A	Bundled	O	MA	Municipal	ISNE	5,516.0	32,639	3,567
2022	18193	Direct Energy Business	B	Energy	O	MA	Retail Power Marketer	ISNE	0.0	0	0
2022	18488	City of Taunton	A	Bundled	O	MA	Municipal	ISNE	49,193.0	285,649	34,401
2022	19107	ENGIE Resources LLC	B	Energy	O	MA	Retail Power Marketer	ISNE	0.0	0	0
2022	20310	Town of Wellesley - (MA)	A	Bundled	O	MA	Municipal	ISNE	16,356.2	108,115	9,323
2022	20310	Town of Wellesley - (MA)	C	Delivery	O	MA	Municipal	ISNE	0.0	0	0
2022	20481	City of Westfield - (MA)	A	Bundled	O	MA	Municipal	ISNE	23,139.3	133,275	16,170
2022	49848	Massachusetts Bay Trans Authority	B	Energy	O	MA	Political Subdivision	ISNE	.	.	.
2022	49987	Harvard Dedicated Energy Limit	B	Energy	O	MA	Retail Power Marketer	ISNE	.	.	.
2022	50046	Texas Retail Energy, LLC	B	Energy	O	MA	Retail Power Marketer	ISNE	0.0	0	0
2022	54820	Direct Energy Services	B	Energy	O	MA	Retail Power Marketer	ISNE	236,839.2	1,984,141	243,537
2022	54862	Champion Energy Services	B	Energy	O	MA	Retail Power Marketer	ISNE	0.0	0	0
2022	54913	NSTAR Electric Company	A	Bundled	O	MA	Investor Owned	ISNE	716,965.0	2,446,486	432,255
2022	54913	NSTAR Electric Company	C	Delivery	O	MA	Investor Owned	ISNE	862,751.0	5,382,105	857,454
2022	55781	Liberty Power Corp.	B	Energy	O	MA	Retail Power Marketer	ISNE	199.3	992	1,047
2022	55874	Energy Services Providers, Inc	B	Energy	O	MA	Retail Power Marketer	ISNE	5,369.0	30,364	5,045
2022	55878	Hudson Energy Services	B	Energy	O	MA	Retail Power Marketer	ISNE	0.0	0	0
2022	56212	Ambit Energy Holdings, LLC	B	Energy	O	MA	Retail Power Marketer	ISNE	16,109.0	88,384	11,550
2022	56265	Energy Plus Holdings LLC	B	Energy	O	MA	Retail Power Marketer	ISNE	1,827.0	10,495	1,571
2022	56504	Major Energy Electric Services	B	Energy	O	MA	Retail Power Marketer	ISNE	4,452.0	19,553	3,213
2022	56521	Devonshire Energy, LLC	B	Energy	O	MA	Retail Power Marketer	ISNE	0.0	0	0
2022	57037	Reliant Energy Northeast LLC	B	Energy	O	MA	Retail Power Marketer	ISNE	49,859.0	267,755	38,687
2022	57067	ENGIE Retail, LLC	B	Energy	O	MA	Retail Power Marketer	ISNE	5,144.3	26,075	3,494
2022	57313	Tesla Inc.	A	Bundled	O	MA	Behind the Meter	ISNE	19,645.0	125,077	19,247
2022	57489	XOOM Energy Massachusetts, LLC	B	Energy	O	MA	Retail Power Marketer	ISNE	4,256.0	27,107	3,891
2022	58119	Public Power LLC (CT)	B	Energy	O	MA	Retail Power Marketer	ISNE	789.0	5,505	684
2022	58161	Viridian Energy LLC	B	Energy	O	MA	Retail Power Marketer	ISNE	13,576.4	82,920	11,427
2022	58683	Everyday Energy LLC	B	Energy	O	MA	Retail Power Marketer	ISNE	100.3	663	117
2022	58747	Provider Power MASS, LLC	B	Energy	O	MA	Retail Power Marketer	ISNE	20,597.0	117,359	15,935
2022	58799	Mega Energy of New England, LLC	B	Energy	O	MA	Retail Power Marketer	ISNE	2,468.0	10,296	1,476
2022	58951	CleanChoice Energy, Inc.	B	Energy	O	MA	Retail Power Marketer	ISNE	51,328.7	200,111	34,703
2022	58956	SmartEnergy Holdings, LLC	B	Energy	O	MA	Retail Power Marketer	ISNE	15,840.8	75,660	13,971
2022	58964	Alpha Gas and Electric, LLC	B	Energy	O	MA	Retail Power Marketer	ISNE	4,452.4	19,553	3,213
2022	58974	Clearview Electric Inc.	B	Energy	O	MA	Retail Power Marketer	ISNE	17,578.6	89,080	10,715
2022	59052	Astral Energy LLC	B	Energy	O	MA	Retail Power Marketer	ISNE	13.1	120	13
2022	59054	Eligo Energy, LLC	B	Energy	O	MA	Retail Power Marketer	ISNE	10,200.9	47,605	7,584
2022	59059	Town Square Energy	B	Energy	O	MA	Retail Power Marketer	ISNE	11,130.3	63,034	8,497
2022	59065	Titan Gas LLC	B	Energy	O	MA	Retail Power Marketer	ISNE	9,953.3	75,450	7,685
2022	59086	Constellation Solar Holding, LLC	A	Bundled	O	MA	Behind the Meter	ISNE	0.0	0	0
2022	59088	Nordic Energy Services, LLC	B	Energy	O	MA	Retail Power Marketer	ISNE	4,513.0	21,847	4,547
2022	59127	Sunwave Gas & Power Connecticut, Inc.	B	Energy	O	MA	Retail Power Marketer	ISNE	117.6	611	286
2022	59310	Inspire Energy Holdings, LLC	B	Energy	O	MA	Retail Power Marketer	ISNE	60,803.4	411,908	57,931
2022	59313	Palmco Power MA, LLC	B	Energy	O	MA	Retail Power Marketer	ISNE	9,665.7	36,862	6,591
2022	59385	Dynegy Energy Services, LLC	B	Energy	O	MA	Retail Power Marketer	ISNE	132,511.8	1,277,042	165,707
2022	59579	Sunnova	A	Bundled	O	MA	Behind the Meter	ISNE	17,586.7	104,717	12,555
2022	59580	SunPower Capital, LLC	A	Bundled	O	MA	Behind the Meter	ISNE	1,117.0	6,670	879
2022	59619	EDF Energy Services, LLC	B	Energy	O	MA	Retail Power Marketer	ISNE	0.0	0	0
2022	59620	Verde Energy USA	B	Energy	O	MA	Retail Power Marketer	ISNE	11,339.0	44,506	7,052
2022	59622	Ahana Renewables, LLC	A	Bundled	O	MA	Behind the Meter	ISNE	0.0	0	0
2022	59647	Sunrun Inc.	A	Bundled	O	MA	Behind the Meter	ISNE	54,089.9	292,924	40,298
2022	59679	Aggregated Transit Energy	B	Energy	O	MA	Retail Power Marketer	ISNE	.	.	.
2022	59734	SFE Energy Massachusetts, Inc.	B	Energy	O	MA	Retail Power Marketer	ISNE	11,409.0	59,636	9,852
2022	59793	First Point Power, LLC	B	Energy	O	MA	Retail Power Marketer	ISNE	43,397.8	373,668	43,038
2022	59794	Starion Energy, Inc.	B	Energy	O	MA	Retail Power Marketer	ISNE	11.1	98	69
2022	59799	American Power & Gas	B	Energy	O	MA	Retail Power Marketer	ISNE	3.5	16	2
2022	59808	MP2 Energy LLC	B	Energy	O	MA	Retail Power Marketer	ISNE	0.0	0	0
2022	59809	Residents Energy, LLC	B	Energy	O	MA	Retail Power Marketer	ISNE	35,328.2	225,289	34,584
2022	59931	MidAmerican Energy Services, LLC	B	Energy	O	MA	Retail Power Marketer	ISNE	5.4	48	7
2022	59943	Spruce Finance	A	Bundled	O	MA	Behind the Meter	ISNE	2,381.7	15,292	2,199
2022	59993	Discount Power Inc - (CT)	B	Energy	O	MA	Retail Power Marketer	ISNE	9,115.6	41,550	6,785
2022	60025	Greenbacker Renewable Energy Corporation	A	Bundled	O	MA	Behind the Meter	ISNE	0.0	0	0
2022	60583	Atlantic Energy LLC	B	Energy	O	MA	Retail Power Marketer	ISNE	0.0	0	0
2022	60981	TerraForm US Energy Services, LLC	A	Bundled	O	MA	Behind the Meter	ISNE	0.0	0	0
2022	61059	Renaissance Power & Gas, Inc.	B	Energy	O	MA	Retail Power Marketer	ISNE	1,371.0	6,880	1,273
2022	61098	Longroad Energy	A	Bundled	O	MA	Behind the Meter	ISNE	.	.	.
2022	61200	Summer Energy Northeast, LLC	B	Energy	O	MA	Retail Power Marketer	ISNE	845.0	3,877	563
2022	61823	Greenskies Renewable Energy, LLC	A	Bundled	O	MA	Behind the Meter	ISNE	0.0	0	0
2022	63232	National Gas & Electric, LLC	B	Energy	O	MA	Retail Power Marketer	ISNE	7,683.3	35,442	5,779
2022	64222	Grid Power Direct, LLC	B	Energy	O	MA	Retail Power Marketer	ISNE	0.0	0	0
2022	65310	Energywell LLC	B	Energy	O	MA	Retail Power Marketer	ISNE	626.8	3,611	3,193
2022	99999	Adjustment 2022	A	Bundled	I	MA		ISNE	163,315.4	921,544	32,594
2022	99999	Adjustment 2022	A	Bundled	I	MA			0.0	0	0
2022	99999	Adjustment 2022	B	Energy	I	MA		ISNE	-42,049.2	-321,876	105,530

2022 – 2023 Direct Energy Residential Choice Data

2022 Direct Energy Residential Choice Data[11]						
Utility	(A) Weighted Average Residential BGS Price (in $ per kWh)	(B) Weighted Average Direct Energy Price (in $ per kWh)	(C) Residential Usage (in kWh)	(D) Total BGS (A) x (C) (in $)	(E) Total Direct Energy (B) x (C) (in $)	(F) Savings/Loss (D) - (E) (in $)
NATIONALGRID/MECO	$0.17562	$0.16016	152,601,130	$26,799,811	$24,439,835	$2,359,976
NATIONALGRID/NANTUCKET	$0.15895	$0.11375	137,390	$21,838	$15,628	$6,211
EVERSOURCE/NSTAR	$0.16861	$0.14510	128,865,170	$21,727,735	$18,697,843	$3,029,893
ALL Utilities	$0.17240	$0.15324	**281,603,690**	**$48,549,385**	**$43,153,305**	**$5,396,079**

2023 Direct Energy Residential Choice Data[12]						
Utility	(A) Weighted Average Residential BGS Price (in $ per kWh)	(B) Weighted Average Direct Energy Price (in $ per kWh)	(C) Residential Usage (in kWh)	(D) Total BGS (A) x (C) (in $)	(E) Total Direct Energy (B) x (C) (in $)	(F) Savings/Loss (D) - (E) (in $)
NATIONALGRID/MECO	$0.21383	$0.17163	125,816,556	$26,903,048	$21,593,953	$5,309,094
NATIONALGRID/NANTUCKET	$0.25841	$0.18187	60,583	$15,655	$11,018	$4,637
EVERSOURCE/NSTAR	$0.21002	$0.16136	75,141,008	$15,780,803	$12,124,927	$3,655,876
EVERSOURCE/WMECO	$0.18227	$0.15306	31,483,633	$5,738,494	$4,818,871	$919,623
ALL Utilities	**$0.20833**	**$0.16580**	**232,501,780**	**$48,438,000**	**$38,548,770**	**$9,889,230**

2020 – 2022 Long-Term Competitive Supplier Fixed Price Offers

2020 Weighted Average Long-Term Competitive Supplier Fixed Price Offers (in $ per kWh)					
Offer Term (in Month)	FG&E/UNITIL	NATIONALGRID/MECO	NATIONALGRID/NANTUCKET	EVERSOURCE/NSTAR	EVERSOURCE/WMECO
20		$0.11090		$0.10690	
24	$0.11158	$0.11859	$0.12031	$0.11497	$0.11063
30		$0.11151		$0.10934	$0.10365
36	$0.12480	$0.12729	$0.12880	$0.12615	$0.12378

2021 Weighted Average Long-Term Competitive Supplier Fixed Price Offers (in $ per kWh)					
Offer Term (in Month)	FG&E/UNITIL	NATIONALGRID/MECO	NATIONALGRID/NANTUCKET	EVERSOURCE/NSTAR	EVERSOURCE/WMECO
15	$0.11011	$0.13358	$0.10957	$0.13207	$0.13331
18	$0.12172	$0.12726	$0.12681	$0.12516	$0.11746

[11] Data excludes community choice aggregation customers.
[12] Data excludes community choice aggregation customers.

20	$0.11290	$0.11485	$0.11485	$0.11280	$0.10440
22	$0.11470	$0.11780	$0.11780	$0.11380	$0.10490
24	$0.12550	$0.13106	$0.12381	$0.12439	$0.12077
25				$0.10771	
26		$0.12923		$0.12190	
27		$0.12090		$0.11281	
28		$0.11290		$0.11090	
30	$0.10184	$0.12467	$0.09880	$0.12329	$0.11903
32	$0.09750	$0.10700	$0.10680	$0.10210	$0.09890
33		$0.13490		$0.13190	
36	$0.11561	$0.13590	$0.12815	$0.13578	$0.13277
38	$0.11970	$0.11970		$0.11970	$0.11970

2022 Weighted Average Long-Term Competitive Supplier Fixed Price Offers (in $ per kWh)

Offer Term (in Month)	FG&E/UNITIL	NATIONALGRID/MECO	NATIONALGRID/NANTUCKET	EVERSOURCE/NSTAR	EVERSOURCE/WMECO
15				$0.12315	
18	$0.17375	$0.20263	$0.14400	$0.19631	$0.17375
20				$0.12315	
24	$0.20354	$0.20460	$0.18471	$0.19727	
30			$0.14001		
33		$0.13140		$0.12840	
36		$0.17923	$0.17206	$0.17563	$0.16356

2024 Competitive Supplier Offers v BGS Rates

All Offers								Green Offers		
January 2024	Price to Compare "PTC" ($/kWh)	Lowest Offer ($/kWh)	Customer Savings ($/kWh)	Potential Market Savings for the Month (Total $)	# of Offers	Offers Below PTC	Offer Post Date	# of Offers	Offers Below PTC	Lowest Offer ($/kWh)
MARKETS										
Massachusetts				**$76,587,308**						
EVERSOURCE/NSTAR	$0.17216	$0.11900	$0.05316	$30,638,258	132	117	1/31/24	71	62	$0.12290
FG&E/UNITIL	$0.21206	$0.13490	$0.07716	$1,049,594	17	17	1/31/24	7	7	$0.14250
NATIONALGRID/MECO	$0.18213	$0.11900	$0.06313	$40,572,257	42	37	1/31/24	24	21	$0.12290
NATIONALGRID/NANTUCKET	$0.18213	$0.13700	$0.04513	$442,555	15	14	1/31/24	8	8	$0.14001
EVERSOURCE/WMECO	$0.15810	$0.11900	$0.03910	$3,884,644	35	25	1/31/24	16	10	$0.12990

All Offers

Green Offers

February 2024	Price to Compare "PTC" ($/kWh)	Lowest Offer ($/kWh)	Customer Savings ($/kWh)	Potential Market Savings for the Month (Total $)	# of Offers	Offers Below PTC	Offer Post Date	# of Offers	Offers Below PTC	Lowest Offer ($/kWh)
MARKETS										
Massachusetts (1)				**$82,797,939**						
EVERSOURCE/NSTAR	$0.17216	$0.10630	$0.06586	$33,123,073	142	127	2/29/24	80	71	$0.10880
FG&E/UNITIL	$0.19338	$0.12170	$0.07168	$888,076	17	17	2/29/24	7	7	$0.13990
NATIONALGRID/MECO	$0.18213	$0.10970	$0.07243	$43,830,711	47	44	2/29/24	27	25	$0.11200
NATIONALGRID/NANTUCKET	$0.18213	$0.13290	$0.04923	$427,776	15	15	2/29/24	8	8	$0.14001
EVERSOURCE/WMECO	$0.15810	$0.10630	$0.05180	$4,528,303	36	28	2/29/24	16	10	$0.10800

All Offers[13]								Green Offers		
March 2024	Price to Compare "PTC" ($/kWh)	Lowest Offer ($/kWh)	Customer Savings ($/kWh)	Potential Market Savings for the Month (Total $)	# of Offers	Offers Below PTC	Offer Post Date	# of Offers	Offers Below PTC	Lowest Offer ($/kWh)
MARKETS										
Massachusetts (1)				**$80,226,962**						
EVERSOURCE/NSTAR	$0.17251	$0.10550	$0.06701	$32,169,889	139	124	2/29/24	71	62	$0.10880
FG&E/UNITIL	$0.19338	$0.11320	$0.08018	$894,625	17	16	2/29/24	7	6	$0.13990
NATIONALGRID/MECO	$0.18213	$0.10880	$0.07333	$42,057,615	46	43	2/29/24	24	22	$0.11200
NATIONALGRID/NANTUCKET	$0.18213	$0.11410	$0.06803	$579,283	15	15	2/29/24	8	8	$0.14001
EVERSOURCE/WMECO	$0.15845	$0.10480	$0.05365	$4,525,550	38	31	2/29/24	16	11	$0.10800

Monopoly Utility Rates

2018 – 2024 BGS Fixed Rates & Price Movement

EVERSOURCE/NSTAR

BGS Period Start Month	BGS Price by BGS Period (in $ per kWh)	% Change	ABS % Change
1/1/2018	$0.12881		
2/1/2018	$0.12888	0%	0%
7/1/2018	$0.11397	(12%)	12%
1/1/2019	$0.13588	19%	19%
7/1/2019	$0.10836	(20%)	20%
1/1/2020	$0.12517	16%	16%
7/1/2020	$0.09877	(21%)	21%
1/1/2021	$0.11795	19%	19%
7/1/2021	$0.10753	(9%)	9%
1/1/2022	$0.15764	47%	47%
7/1/2022	$0.17871	13%	13%
1/1/2023	$0.25776	44%	44%
7/1/2023	$0.16078	(38%)	38%
1/1/2024	$0.17216	7%	7%

FG&E/UNITIL

BGS Period Start Month	BGS Price by BGS Period (in $ per kWh)	% Change	ABS % Change
1/1/2018	$0.12340		
6/1/2018	$0.10556	(14%)	14%

[13] March 2024 data is preliminary data. Finalized March data will be made available in early April and may change from preliminary data reporting.

12/1/2018	$0.12915	22%	22%
6/1/2019	$0.09980	(23%)	23%
12/1/2019	$0.12388	24%	24%
6/1/2020	$0.09300	(25%)	25%
12/1/2020	$0.11239	21%	21%
6/1/2021	$0.09554	(15%)	15%
12/1/2021	$0.15298	60%	60%
6/1/2022	$0.13436	(12%)	12%
12/1/2022	$0.17859	33%	33%
1/1/2023	$0.21429	20%	20%
8/1/2023	$0.21206	(1%)	1%
2/1/2024	$0.19395	(9%)	9%

NATIONALGRID/MECO

BGS Period Start Month	BGS Price by BGS Period (in $ per kWh)	% Change	ABS % Change
1/1/2018	$0.12673		
5/1/2018	$0.10870	(14%)	14%
11/1/2018	$0.13718	26%	26%
5/1/2019	$0.10793	(21%)	21%
11/1/2019	$0.13957	29%	29%
5/1/2020	$0.09898	(29%)	29%
11/1/2020	$0.12388	25%	25%
5/1/2021	$0.09707	(22%)	22%
11/1/2021	$0.14821	53%	53%
5/1/2022	$0.11491	(22%)	22%
11/1/2022	$0.33891	195%	195%
5/1/2023	$0.14115	(58%)	58%
11/1/2023	$0.18213	29%	29%

NATIONALGRID/NANTUCKET

BGS Period Start Month	BGS Price by BGS Period (in $ per kWh)	% Change	ABS % Change
1/1/2018	$0.12673		
5/1/2018	$0.10870	(14%)	14%
11/1/2018	$0.13718	26%	26%
5/1/2019	$0.10793	(21%)	21%
11/1/2019	$0.13957	29%	29%
5/1/2020	$0.09898	(29%)	29%
11/1/2020	$0.12388	25%	25%
5/1/2021	$0.09707	(22%)	22%
11/1/2021	$0.14821	53%	53%
5/1/2022	$0.11491	(22%)	22%
11/1/2022	$0.33891	195%	195%
5/1/2023	$0.14115	(58%)	58%
11/1/2023	$0.18213	29%	29%

EVERSOURCE/WMECO

BGS Period Start Month	BGS Price by BGS Period (in $ per kWh)	% Change	ABS % Change
1/1/2018	$0.10486		
2/1/2018	$0.10503	0%	0%
7/1/2018	$0.10003	(5%)	5%
1/1/2019	$0.11678	17%	17%
7/1/2019	$0.09851	(16%)	16%
1/1/2020	$0.11666	18%	18%
7/1/2020	$0.09020	(23%)	23%
1/1/2021	$0.10708	19%	19%
7/1/2021	$0.09468	(12%)	12%
1/1/2022	$0.13731	45%	45%
7/1/2022	$0.15348	12%	12%
1/1/2023	$0.21991	43%	43%
7/1/2023	$0.14854	(32%)	32%
1/1/2024	$0.15810	6%	6%

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2018 – 2024 BGS Variable Rates & Price Movement

EVERSOURCE/NSTAR			
Month	**BGS Price (in $ per kWh)**	**% Change**	**ABS % Change**
1/1/2018	$0.14875		
2/1/2018	$0.15312	3%	3%
3/1/2018	$0.12565	(18%)	18%
4/1/2018	$0.11690	(7%)	7%
5/1/2018	$0.11172	(4%)	4%
6/1/2018	$0.10670	(4%)	4%
7/1/2018	$0.10350	(3%)	3%
8/1/2018	$0.10383	0%	0%
9/1/2018	$0.11091	7%	7%
10/1/2018	$0.12008	8%	8%
11/1/2018	$0.11931	(1%)	1%
12/1/2018	$0.13302	11%	11%
1/1/2019	$0.16766	26%	26%
2/1/2019	$0.17067	2%	2%
3/1/2019	$0.13269	(22%)	22%
4/1/2019	$0.12253	(8%)	8%
5/1/2019	$0.11504	(6%)	6%
6/1/2019	$0.09758	(15%)	15%
7/1/2019	$0.09922	2%	2%
8/1/2019	$0.09842	(1%)	1%
9/1/2019	$0.10221	4%	4%
10/1/2019	$0.10683	5%	5%
11/1/2019	$0.11357	6%	6%
12/1/2019	$0.13270	17%	17%
1/1/2020	$0.14758	11%	11%
2/1/2020	$0.14783	0%	0%
3/1/2020	$0.12341	(17%)	17%
4/1/2020	$0.11693	(5%)	5%
5/1/2020	$0.10798	(8%)	8%
6/1/2020	$0.09674	(10%)	10%
7/1/2020	$0.09005	(7%)	7%
8/1/2020	$0.08924	(1%)	1%
9/1/2020	$0.09421	6%	6%
10/1/2020	$0.09717	3%	3%
11/1/2020	$0.10643	10%	10%
12/1/2020	$0.11877	12%	12%
1/1/2021	$0.12643	6%	6%
2/1/2021	$0.13073	3%	3%
3/1/2021	$0.11685	(11%)	11%
4/1/2021	$0.11327	(3%)	3%
5/1/2021	$0.10833	(4%)	4%
6/1/2021	$0.09941	(8%)	8%
7/1/2021	$0.09799	(1%)	1%
8/1/2021	$0.09801	0%	0%
9/1/2021	$0.10282	5%	5%
10/1/2021	$0.10603	3%	3%
11/1/2021	$0.11583	9%	9%
12/1/2021	$0.12941	12%	12%
1/1/2022	$0.21656	67%	67%
2/1/2022	$0.21279	(2%)	2%
3/1/2022	$0.15674	(26%)	26%
4/1/2022	$0.12613	(20%)	20%
5/1/2022	$0.11549	(8%)	8%
6/1/2022	$0.10061	(13%)	13%
7/1/2022	$0.17871	78%	78%
8/1/2022	$0.16665	(7%)	7%
9/1/2022	$0.15262	(8%)	8%
10/1/2022	$0.14857	(3%)	3%
11/1/2022	$0.18142	22%	22%
12/1/2022	$0.24813	37%	37%
1/1/2023	$0.39502	59%	59%
2/1/2023	$0.39008	(1%)	1%
3/1/2023	$0.23984	(39%)	39%
4/1/2023	$0.15791	(34%)	34%
5/1/2023	$0.13984	(11%)	11%
6/1/2023	$0.13463	(4%)	4%
7/1/2023	$0.15500	15%	15%
8/1/2023	$0.14251	(8%)	8%
9/1/2023	$0.11796	(17%)	17%
10/1/2023	$0.11787	(0%)	0%
11/1/2023	$0.16375	39%	39%
12/1/2023	$0.26010	59%	59%
1/1/2024	$0.25015	(4%)	4%
2/1/2024	$0.24128	(4%)	4%

FG&E/UNITIL

Month	BGS Price (in $ per kWh)	% Change	ABS % Change
1/1/2018	$0.14253		
2/1/2018	$0.14470	2%	2%
3/1/2018	$0.11858	(18%)	18%
4/1/2018	$0.10617	(10%)	10%
5/1/2018	$0.10168	(4%)	4%
6/1/2018	$0.10198	0%	0%
7/1/2018	$0.10548	3%	3%
8/1/2018	$0.10281	(3%)	3%
9/1/2018	$0.10937	6%	6%
10/1/2018	$0.10580	(3%)	3%
11/1/2018	$0.10941	3%	3%
12/1/2018	$0.13995	28%	28%
1/1/2019	$0.15344	10%	10%
2/1/2019	$0.14347	(6%)	6%
3/1/2019	$0.12321	(14%)	14%
4/1/2019	$0.09877	(20%)	20%
5/1/2019	$0.09811	(1%)	1%
6/1/2019	$0.10067	3%	3%
7/1/2019	$0.10529	5%	5%
8/1/2019	$0.09332	(11%)	11%
9/1/2019	$0.09765	5%	5%
10/1/2019	$0.09413	(4%)	4%
11/1/2019	$0.10913	16%	16%
12/1/2019	$0.13183	21%	21%
1/1/2020	$0.14390	9%	9%
2/1/2020	$0.13603	(5%)	5%
3/1/2020	$0.11485	(16%)	16%
4/1/2020	$0.10216	(11%)	11%
5/1/2020	$0.09961	(2%)	2%
6/1/2020	$0.09199	(8%)	8%
7/1/2020	$0.09471	3%	3%
8/1/2020	$0.08954	(5%)	5%
9/1/2020	$0.09068	1%	1%
10/1/2020	$0.08915	(2%)	2%
11/1/2020	$0.10254	15%	15%
12/1/2020	$0.10678	4%	4%
1/1/2021	$0.12530	17%	17%
2/1/2021	$0.12602	1%	1%
3/1/2021	$0.10841	(14%)	14%
4/1/2021	$0.10277	(5%)	5%
5/1/2021	$0.09871	(4%)	4%
6/1/2021	$0.09563	(3%)	3%
7/1/2021	$0.10087	5%	5%
8/1/2021	$0.09064	(10%)	10%
9/1/2021	$0.08276	(9%)	9%
10/1/2021	$0.09739	18%	18%
11/1/2021	$0.10913	12%	12%
12/1/2021	$0.17431	60%	60%
1/1/2022	$0.20270	16%	16%
2/1/2022	$0.19680	(3%)	3%
3/1/2022	$0.13759	(30%)	30%
4/1/2022	$0.08708	(37%)	37%
5/1/2022	$0.08270	(5%)	5%
6/1/2022	$0.11948	44%	44%
7/1/2022	$0.13379	12%	12%
8/1/2022	$0.13343	(0%)	0%
9/1/2022	$0.12758	(4%)	4%
10/1/2022	$0.12740	(0%)	0%
11/1/2022	$0.16350	28%	28%
12/1/2022	$0.20771	27%	27%
1/1/2023	$0.36434	75%	75%
2/1/2023	$0.34879	(4%)	4%
3/1/2023	$0.21857	(37%)	37%
4/1/2023	$0.14170	(35%)	35%
5/1/2023	$0.11179	(21%)	21%
6/1/2023	$0.10560	(6%)	6%
7/1/2023	$0.12518	19%	19%
8/1/2023	$0.17471	40%	40%
9/1/2023	$0.16321	(7%)	7%
10/1/2023	$0.15955	(2%)	2%
11/1/2023	$0.19114	20%	20%
12/1/2023	$0.25162	32%	32%
1/1/2024	$0.30731	22%	22%
2/1/2024	$0.26531	(14%)	14%

NATIONALGRID/MECO

Month	BGS Price (in $ per kWh)	% Change	ABS % Change
1/1/2018	$0.14574		
2/1/2018	$0.14757	1%	1%
3/1/2018	$0.12300	(17%)	17%
4/1/2018	$0.11304	(8%)	8%
5/1/2018	$0.11191	(1%)	1%
6/1/2018	$0.10844	(3%)	3%
7/1/2018	$0.10336	(5%)	5%
8/1/2018	$0.10400	1%	1%
9/1/2018	$0.11130	7%	7%
10/1/2018	$0.11636	5%	5%
11/1/2018	$0.11599	(0%)	0%
12/1/2018	$0.13255	14%	14%
1/1/2019	$0.15802	19%	19%
2/1/2019	$0.15995	1%	1%
3/1/2019	$0.12658	(21%)	21%
4/1/2019	$0.11631	(8%)	8%
5/1/2019	$0.11818	2%	2%
6/1/2019	$0.10514	(11%)	11%
7/1/2019	$0.10397	(1%)	1%
8/1/2019	$0.10323	(1%)	1%
9/1/2019	$0.10860	5%	5%
10/1/2019	$0.11222	3%	3%
11/1/2019	$0.12313	10%	10%
12/1/2019	$0.13893	13%	13%
1/1/2020	$0.15755	13%	13%
2/1/2020	$0.15693	(0%)	0%
3/1/2020	$0.13004	(17%)	17%
4/1/2020	$0.11979	(8%)	8%
5/1/2020	$0.10935	(9%)	9%
6/1/2020	$0.09635	(12%)	12%
7/1/2020	$0.09460	(2%)	2%
8/1/2020	$0.09458	(0%)	0%
9/1/2020	$0.10012	6%	6%
10/1/2020	$0.10340	3%	3%
11/1/2020	$0.11022	7%	7%
12/1/2020	$0.11912	8%	8%
1/1/2021	$0.13583	14%	14%
2/1/2021	$0.13779	1%	1%
3/1/2021	$0.11898	(14%)	14%
4/1/2021	$0.11393	(4%)	4%
5/1/2021	$0.10380	(9%)	9%
6/1/2021	$0.09620	(7%)	7%
7/1/2021	$0.09356	(3%)	3%
8/1/2021	$0.09412	1%	1%
9/1/2021	$0.09822	4%	4%
10/1/2021	$0.10022	2%	2%
11/1/2021	$0.12551	25%	25%
12/1/2021	$0.14961	19%	19%
1/1/2022	$0.18018	20%	20%
2/1/2022	$0.17651	(2%)	2%
3/1/2022	$0.12986	(26%)	26%
4/1/2022	$0.11183	(14%)	14%
5/1/2022	$0.11762	5%	5%
6/1/2022	$0.11029	(6%)	6%
7/1/2022	$0.11799	7%	7%
8/1/2022	$0.11573	(2%)	2%
9/1/2022	$0.11177	(3%)	3%
10/1/2022	$0.11610	4%	4%
11/1/2022	$0.28571	146%	146%
12/1/2022	$0.35959	26%	26%
1/1/2023	$0.40500	13%	13%
2/1/2023	$0.39776	(2%)	2%
3/1/2023	$0.29733	(25%)	25%
4/1/2023	$0.25248	(15%)	15%
5/1/2023	$0.14249	(44%)	44%
6/1/2023	$0.13634	(4%)	4%
7/1/2023	$0.14909	9%	9%
8/1/2023	$0.14670	(2%)	2%
9/1/2023	$0.13436	(8%)	8%
10/1/2023	$0.13467	0%	0%
11/1/2023	$0.15694	17%	17%
12/1/2023	$0.21876	39%	39%
1/1/2024	$0.25874	18%	18%
2/1/2024	$0.24573	(5%)	5%

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NATIONALGRID/NANTUCKET

Month	BGS Price (in $ per kWh)	% Change	ABS % Change
1/1/2018	$0.14574		
2/1/2018	$0.14757	1%	1%
3/1/2018	$0.12300	(17%)	17%
4/1/2018	$0.11304	(8%)	8%
5/1/2018	$0.11191	(1%)	1%
6/1/2018	$0.10844	(3%)	3%
7/1/2018	$0.10336	(5%)	5%
8/1/2018	$0.10400	1%	1%
9/1/2018	$0.11130	7%	7%
10/1/2018	$0.11636	5%	5%
11/1/2018	$0.11599	(0%)	0%
12/1/2018	$0.13255	14%	14%
1/1/2019	$0.15802	19%	19%
2/1/2019	$0.15995	1%	1%
3/1/2019	$0.12658	(21%)	21%
4/1/2019	$0.11631	(8%)	8%
5/1/2019	$0.11818	2%	2%
6/1/2019	$0.10514	(11%)	11%
7/1/2019	$0.10397	(1%)	1%
8/1/2019	$0.10323	(1%)	1%
9/1/2019	$0.10860	5%	5%
10/1/2019	$0.11222	3%	3%
11/1/2019	$0.12313	10%	10%
12/1/2019	$0.13893	13%	13%
1/1/2020	$0.15755	13%	13%
2/1/2020	$0.15693	(0%)	0%
3/1/2020	$0.13004	(17%)	17%
4/1/2020	$0.11979	(8%)	8%
5/1/2020	$0.10935	(9%)	9%
6/1/2020	$0.09635	(12%)	12%
7/1/2020	$0.09460	(2%)	2%
8/1/2020	$0.09458	(0%)	0%
9/1/2020	$0.10012	6%	6%
10/1/2020	$0.10340	3%	3%
11/1/2020	$0.11022	7%	7%
12/1/2020	$0.11912	8%	8%
1/1/2021	$0.13583	14%	14%
2/1/2021	$0.13779	1%	1%
3/1/2021	$0.11898	(14%)	14%
4/1/2021	$0.11393	(4%)	4%
5/1/2021	$0.10380	(9%)	9%
6/1/2021	$0.09620	(7%)	7%
7/1/2021	$0.09356	(3%)	3%
8/1/2021	$0.09412	1%	1%
9/1/2021	$0.09822	4%	4%
10/1/2021	$0.10022	2%	2%
11/1/2021	$0.12551	25%	25%
12/1/2021	$0.14961	19%	19%
1/1/2022	$0.18018	20%	20%
2/1/2022	$0.17651	(2%)	2%
3/1/2022	$0.12986	(26%)	26%
4/1/2022	$0.11183	(14%)	14%
5/1/2022	$0.11762	5%	5%
6/1/2022	$0.11029	(6%)	6%
7/1/2022	$0.11799	7%	7%
8/1/2022	$0.11573	(2%)	2%
9/1/2022	$0.11177	(3%)	3%
10/1/2022	$0.11610	4%	4%
11/1/2022	$0.28571	146%	146%
12/1/2022	$0.35959	26%	26%
1/1/2023	$0.40500	13%	13%
2/1/2023	$0.39776	(2%)	2%
3/1/2023	$0.29733	(25%)	25%
4/1/2023	$0.25248	(15%)	15%
5/1/2023	$0.14249	(44%)	44%
6/1/2023	$0.13634	(4%)	4%
7/1/2023	$0.14909	9%	9%
8/1/2023	$0.14670	(2%)	2%
9/1/2023	$0.13436	(8%)	8%
10/1/2023	$0.13467	0%	0%
11/1/2023	$0.15694	17%	17%
12/1/2023	$0.21876	39%	39%
1/1/2024	$0.25874	18%	18%
2/1/2024	$0.24573	(5%)	5%

EVERSOURCE/WMECO

Month	BGS Price (in $ per kWh)	% Change	ABS % Change
1/1/2018	$0.12646		
2/1/2018	$0.12637	(0%)	0%
3/1/2018	$0.10048	(20%)	20%
4/1/2018	$0.08882	(12%)	12%
5/1/2018	$0.08582	(3%)	3%
6/1/2018	$0.09165	7%	7%
7/1/2018	$0.09436	3%	3%
8/1/2018	$0.09364	(1%)	1%
9/1/2018	$0.09616	3%	3%
10/1/2018	$0.10129	5%	5%
11/1/2018	$0.10032	(1%)	1%
12/1/2018	$0.11404	14%	14%
1/1/2019	$0.14511	27%	27%
2/1/2019	$0.14564	0%	0%
3/1/2019	$0.11170	(23%)	23%
4/1/2019	$0.10271	(8%)	8%
5/1/2019	$0.09705	(6%)	6%
6/1/2019	$0.08604	(11%)	11%
7/1/2019	$0.09231	7%	7%
8/1/2019	$0.09068	(2%)	2%
9/1/2019	$0.09130	1%	1%
10/1/2019	$0.09273	2%	2%
11/1/2019	$0.09973	8%	8%
12/1/2019	$0.12067	21%	21%
1/1/2020	$0.14015	16%	16%
2/1/2020	$0.13853	(1%)	1%
3/1/2020	$0.11383	(18%)	18%
4/1/2020	$0.10474	(8%)	8%
5/1/2020	$0.09712	(7%)	7%
6/1/2020	$0.08967	(8%)	8%
7/1/2020	$0.08290	(8%)	8%
8/1/2020	$0.08263	(0%)	0%
9/1/2020	$0.08664	5%	5%
10/1/2020	$0.08705	0%	0%
11/1/2020	$0.09426	8%	8%
12/1/2020	$0.10623	13%	13%
1/1/2021	$0.11770	11%	11%
2/1/2021	$0.11992	2%	2%
3/1/2021	$0.10558	(12%)	12%
4/1/2021	$0.10173	(4%)	4%
5/1/2021	$0.09883	(3%)	3%
6/1/2021	$0.08900	(10%)	10%
7/1/2021	$0.08784	(1%)	1%
8/1/2021	$0.08800	0%	0%
9/1/2021	$0.09030	3%	3%
10/1/2021	$0.09066	0%	0%
11/1/2021	$0.09843	9%	9%
12/1/2021	$0.11108	13%	13%
1/1/2022	$0.18328	65%	65%
2/1/2022	$0.17893	(2%)	2%
3/1/2022	$0.13522	(24%)	24%
4/1/2022	$0.10804	(20%)	20%
5/1/2022	$0.09959	(8%)	8%
6/1/2022	$0.09388	(6%)	6%
7/1/2022	$0.14518	55%	55%
8/1/2022	$0.14249	(2%)	2%
9/1/2022	$0.13254	(7%)	7%
10/1/2022	$0.12596	(5%)	5%
11/1/2022	$0.15567	24%	24%
12/1/2022	$0.20791	34%	34%
1/1/2023	$0.34498	66%	66%
2/1/2023	$0.34226	(1%)	1%
3/1/2023	$0.19557	(43%)	43%
4/1/2023	$0.13369	(32%)	32%
5/1/2023	$0.11827	(12%)	12%
6/1/2023	$0.11761	(1%)	1%
7/1/2023	$0.14030	19%	19%
8/1/2023	$0.12831	(9%)	9%
9/1/2023	$0.10755	(16%)	16%
10/1/2023	$0.10758	0%	0%
11/1/2023	$0.14597	36%	36%
12/1/2023	$0.24935	71%	71%
1/1/2024	$0.23103	(7%)	7%
2/1/2024	$0.22000	(5%)	5%

2018 – 2024 Monopoly Utility Delivery Rates & Price Movement

EVERSOURCE/NSTAR		
Year	**Monopoly Utility Delivery Service Rates (in $ per kWh)**	**Price Change from Previous Year (in %)**
2018	$0.12144	
2019	$0.12061	(1%)
2020	$0.12353	2%
2021	$0.13500	9%
2022	$0.15304	13%
2023	$0.16493	8%
2024	$0.18480	12%

FG&E/UNITIL		
Year	**Monopoly Utility Delivery Service Rates (in $ per kWh)**	**Price Change from Previous Year (in %)**
2018	$0.14874	
2019	$0.15532	4%
2020	$0.16231	5%
2021	$0.17420	7%
2022	$0.19540	12%
2023	$0.21701	11%
2024	$0.23939	10%

NATIONALGRID/MECO		
Year	**Monopoly Utility Delivery Service Rates (in $ per kWh)**	**Price Change from Previous Year (in %)**
2018	$0.12123	
2019	$0.12622	4%
2020	$0.13767	9%
2021	$0.14960	9%
2022	$0.15107	1%
2023	$0.16464	9%
2024	$0.17774	8%

NATIONALGRID/NANTUCKET		
Year	**Monopoly Utility Delivery Service Rates (in $ per kWh)**	**Price Change from Previous Year (in %)**

2018	$0.12796	
2019	$0.13290	4%
2020	$0.14201	7%
2021	$0.15410	9%
2022	$0.15570	1%
2023	$0.16849	8%
2024	$0.18151	8%

EVERSOURCE/WMECO

Year	Monopoly Utility Delivery Service Rates (in $ per kWh)	Price Change from Previous Year (in %)
2018	$0.12742	
2019	$0.12012	(6%)
2020	$0.12360	3%
2021	$0.13446	9%
2022	$0.15112	12%
2023	$0.16550	10%
2024	$0.18519	12%