

3. Large Customer Group Total Rate

The Energy Service rates for the period of February 1 – July 31, 2021, for the Large Customer Group are calculated on Schedule AMH/DBS-1 and are as follows:

	<u>Large Customer Group</u>					
	<u>February-21</u>	<u>March-21</u>	<u>April-21</u>	<u>May-21</u>	<u>June-21</u>	<u>July-21</u>
Base ES Rate	\$0.07799	\$0.06803	\$0.06003	\$0.05533	\$0.05109	\$0.05460
ESAF	(\$0.00378)	(\$0.00378)	(\$0.00378)	(\$0.00378)	(\$0.00378)	(\$0.00378)
ESCRAF	\$0.00081	\$0.00081	\$0.00081	\$0.00081	\$0.00081	\$0.00081
<u>RPS</u>	<u>\$0.00743</u>	<u>\$0.00743</u>	<u>\$0.00743</u>	<u>\$0.00743</u>	<u>\$0.00743</u>	<u>\$0.00743</u>
Total	\$0.08245	\$0.07249	\$0.06449	\$0.05979	\$0.05555	\$0.05906

C. Bill Impacts

As shown in Schedule AMH/DBS-3, Page 1, for a residential customer taking Energy Service and using 650 kWh per month, the total bill impact of the proposed rate in this filing, as compared to rates effective today, is a bill decrease of \$2.59 per month, or 2.21% percent, from \$117.47 to \$114.87.

Schedule AMH/DBS-3, Page 2 compares actual historical rates in effect on February 1, 2020, to proposed rates effective February 1, 2021. For a residential customer taking Energy Service and using 650 kWh per month, the total bill impact of the proposed rate in this filing, as compared to rates effective on February 1, 2020, is a bill decrease of \$0.20, or 0.18% percent, from \$115.08 to \$114.87.

Large Customer Group
Rates G-1 and G-2
Illustrative Weighted Average Energy Service Rates For Comparison Purposes Only
February 2021 - July 2021

Liberty Utilities (Granite State Electric) Corp. d/b/a Liberty
DE 20-053 Energy Service Reconciliation
Revised Schedule AMH/DBS-1 Rates
Page 1 of 1

REDACTED

Section 1: Percentage of Medium and Large C&I kWhs Attributable to Energy Service

Table with 2 columns: Description and Value. Rows include September 2020 Medium and Large C&I Energy Service kWhs (8,495,105), September 2020 Total Medium and Large C&I kWhs (43,935,731), and Percentage of Medium and Large C&I Energy Service kWhs to Total Medium and Large C&I kWhs (19.34%).

Section 2: Projected Medium and Large C&I Default Service kWhs, February 2021 - July 2021

Table with 7 columns: February (a), March (b), April (c), May (d), June (e), July (f), Total (g). Rows include Projected Total Company Medium and Large kWhs (258,115,964), Percentage of Medium and Large C&I Energy Service kWhs to Total Medium and Large C&I kWhs (19.34%), and Projected Medium and Large C&I Energy Service kWhs (49,907,494).

Section 3: Medium and Large C&I Default Service Load Weighting for February 2021 - July 2021

Table with 7 columns: February, March, April, May, June, July, Total. Rows include Projected Medium and Large C&I Energy Service kWhs (49,907,494), Loss Factor, Wholesale Contract Price (\$/MWh), Base Energy Service Rate (\$/kWh), Energy Service Reconciliation Adjustment Factor (\$/kWh), Energy Service Cost Reclassification Adjustment Factor (\$/kWh), Renewable Portfolio Standard Adder (\$/kWh), and Total Estimated Medium and Large C&I Energy Service Price per kWh (\$0.05906).

- 1 Per Monthly Energy Service Revenue Reports (Rates G-1 and G-2)
2 Per Monthly Total Revenue Reports (Rates G-1 and G-2)
3 Line (1) ÷ Line (2)
4 Per Company forecast for medium and large C&I rates (Rates G-1 and G-2)
5 Line (3)
6 Line (4) x Line (5)
7 Line (6)
8 Projected Wholesale Load divided by Projected Retail Load, rounded to five decimal places
9 Schedule JDW-2 Exhibit 5
10 Line (8) x Line (9) / 1000, truncated to five decimal places
11 Schedule AMH/DBS-5 Page 1, Line 6, filed in April 2020
12 Schedule AMH/DBS-6 Page 1, Line 5, filed in April 2020
13 Schedule JDW-2 Exhibit 11, filed in April 2020
14 Line (10) + Line (11) + Line (12) + Line (13)

**Small Customer Group
(Rates D, D-10, G-3, M, T and V)
Based on Weighted Average Effective Energy Service Prices
February 2021 - July 2021**

Liberty Utilities (Granite State Electric) Corp. d/b/a Liberty
DE 20-053 Energy Service Reconciliation
Revised Schedule AMH/DBS-2 Rates
Page 1 of 1

REDACTED

Section 1: Percentage of Residential and Small C&I kWhs Attributable to Energy Service

1	September 2020 Residential and Small C&I Energy Service kWhs	28,354,077
2	September 2020 Total Residential and Small C&I kWhs	<u>32,019,257</u>
3	Percentage of Residential and Small C&I Energy Service kWhs to Total Residential & Small C&I kWhs	88.55%

Section 2: Projected Residential and Small C&I Default Service kWhs, February 2021 - July 2021

	February	March	April	May	June	July	Total	
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	
4	Projected Total Company Residential and Small C&I kWhs	32,609,214	32,492,818	28,157,309	27,771,364	31,160,721	35,644,595	187,836,022
5	Percentage of Residential and Small C&I Energy Service kWhs to Total Residential & Small C&I kWhs	<u>88.55%</u>	<u>88.55%</u>	<u>88.55%</u>	<u>88.55%</u>	<u>88.55%</u>	<u>88.55%</u>	
6	Projected Residential and Small C&I Energy Service kWhs	28,876,503	28,773,430	24,934,199	24,592,432	27,593,816	31,564,430	166,334,810

Section 3: Residential and Small C&I Default Service Load Weighting for February 2021 - July 2021

7	Projected Residential and Small C&I Energy Service kWhs	28,876,503	28,773,430	24,934,199	24,592,432	27,593,816	31,564,430	166,334,810
8	Loss Factor	[REDACTED]						
9	Wholesale Contract Price (\$/MWh)							
10	Base Residential and Small C&I Energy Service Rate (\$/kWh)	\$0.07647	\$0.06423	\$0.05860	\$0.05524	\$0.05198	\$0.05418	
11	Energy Service Reconciliation Adjustment Factor (\$/kWh)	(\$0.00378)	(\$0.00378)	(\$0.00378)	(\$0.00378)	(\$0.00378)	(\$0.00378)	
12	Energy Service Cost Reclassification Adjustment Factor (\$/kWh)	\$0.00037	\$0.00037	\$0.00037	\$0.00037	\$0.00037	\$0.00037	
13	Proposed Renewable Portfolio Standard Adder (\$/kWh)	<u>\$0.00743</u>	<u>\$0.00743</u>	<u>\$0.00743</u>	<u>\$0.00743</u>	<u>\$0.00743</u>	<u>\$0.00743</u>	
14	Total Estimated Residential and Small C&I Energy Service Price per kWh	\$0.08049	\$0.06825	\$0.06262	\$0.05926	\$0.05600	\$0.05820	
15	Projected Residential and Small C&I Energy Service Base Cost, February 2021 - July 2021	<u>\$2,208,186</u>	<u>\$1,848,117</u>	<u>\$1,461,144</u>	<u>\$1,358,486</u>	<u>\$1,434,327</u>	<u>\$1,710,161</u>	<u>\$10,020,421</u>
16	Weighted Average Base Residential and Small C&I Energy Service Charge for February 2021 - July 2021							\$0.06024
17	Projected Residential and Small C&I Energy Service Cost, February 2021 - July 2021	<u>\$2,324,270</u>	<u>\$1,963,787</u>	<u>\$1,561,380</u>	<u>\$1,457,348</u>	<u>\$1,545,254</u>	<u>\$1,837,050</u>	<u>\$10,689,087</u>
18	Weighted Average Residential and Small C&I Energy Service Charge for February 2021 - July 2021							\$0.06426

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- 13 Schedule JDW-2 Exhibit 11, filed in April 2020
- 14 Line (10) + Line (11) + Line (12) + Line (13)
- 15 Line (7) x Line (10)
- 16 Line (15) total ÷ Line (7) total, truncated after 5 decimal places
- 17 Line (7) x Line (14)
- 18 Line (17) total ÷ Line (7) total, truncated after 5 decimal places

**Liberty Utilities (Granite State Electric) d/b/a Liberty
 Bill Comparison for Residential Rate D Customers
 Actual Rates Effective August 1, 2020 Compared to Proposed Rates for Effect February 1, 2021**

	Usage 650 kWh	August 1, 2020	February 1, 2021	August 1, 2020	February 1, 2021	\$ Change	% Change
		Actual Rates	Proposed Rates	Actual Bill	Proposed Bill		
1	Customer Charge	\$14.74	\$14.74	\$14.74	\$14.74	\$0.00	0.00%
2	Distribution Charge						
3	All kWh - Base Rate	\$0.05705	\$0.05705	\$37.08	\$37.08	\$0.00	0.00%
4	All kWh - VMP	\$0.00008	\$0.00008	\$0.05	\$0.05	\$0.00	0.00%
5	Storm Recovery Adjustment	\$0.00000	\$0.00000	\$0.00	\$0.00	\$0.00	0.00%
6	Transmission Charge	\$0.02660	\$0.02660	\$17.29	\$17.29	\$0.00	0.00%
7	Stranded Cost Charge	(\$0.00072)	(\$0.00072)	(\$0.47)	(\$0.47)	\$0.00	0.00%
8	System Benefits Charge	\$0.00678	\$0.00678	\$4.41	\$4.41	\$0.00	0.00%
9	Electricity Consumption Tax	\$0.00000	\$0.00000	<u>\$0.00</u>	<u>\$0.00</u>	\$0.00	0.00%
10	Subtotal Retail Delivery Services			\$73.10	\$73.10	\$0.00	0.00%
11							
12	Energy Service Charge	\$0.06825	\$0.06426	<u>\$44.36</u>	<u>\$41.77</u>	-\$2.59	-5.85%
13							
14			Total Bill	\$117.47	\$114.87		
15							
16						-\$2.59	
17						-2.21%	

**Liberty Utilities (Granite State Electric) d/b/a Liberty
 Bill Comparison for Residential Rate D Customers
 Actual Rates Effective February 1, 2020 Compared to Proposed Rates for Effect February 1, 2021**

	Usage 650 kWh	February 1, 2020	February 1, 2021	February 1, 2020	February 1, 2021	\$ Change	% Change
		Actual Rates	Proposed Rates	Actual Bill	Proposed Bill		
1	Customer Charge	\$14.67	\$14.74	\$14.67	\$14.74	\$0.07	0.48%
2	Distribution Charge						
3	All kWh - Base Rate	\$0.04898	\$0.05705	\$31.84	\$37.08	\$5.25	16.48%
4	All kWh - VMP	\$0.00052	\$0.00008	\$0.34	\$0.05	-\$0.29	-84.62%
5	Storm Recovery Adjustment	\$0.00000	\$0.00000	\$0.00	\$0.00	\$0.00	0.00%
6	Transmission Charge	\$0.02732	\$0.02660	\$17.76	\$17.29	-\$0.47	-2.64%
7	Stranded Cost Charge	(\$0.00106)	(\$0.00072)	(\$0.69)	(\$0.47)	\$0.22	-32.08%
8	System Benefits Charge	\$0.00678	\$0.00678	\$4.41	\$4.41	\$0.00	0.00%
9	Electricity Consumption Tax	\$0.00000	\$0.00000	<u>\$0.00</u>	<u>\$0.00</u>	\$0.00	0.00%
10	Subtotal Retail Delivery Services			\$68.32	\$73.10	\$4.78	7.00%
11							
12	Energy Service Charge	\$0.07193	\$0.06426	<u>\$46.75</u>	<u>\$41.77</u>	-\$4.99	-10.66%
13							
14			Total Bill	\$115.08	\$114.87		
15							
16						-\$0.20	
17						-0.18%	