

**Large Customer Group  
Rates G-1 and G-2  
Illustrative Weighted Average Energy Service Rates For Comparison Purposes Only  
February 2018 - July 2018**

**REDACTED**  
Docket No. DE 17-058  
Schedule HMT-1 Rates  
Page 1 of 1

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

1	September 2017 Medium and Large C&I Energy Service kWhs	9,250,331
2	September 2017 Total Medium and Large C&I kWhs	<u>47,269,680</u>
3	Percentage of Medium and Large C&I Energy Service kWhs to Total Medium and Large C&I kWhs	19.57%

**Section 2: Projected Medium and Large C&I Default Service kWhs, February 2018 - July 2018**

	February	March	April	May	June	July	Total	
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	
4	Projected Total Company Medium and Large kWhs	38,975,870	40,344,546	39,544,859	43,340,331	46,269,865	50,886,976	259,362,448
5	Percentage of Medium and Large C&I Energy Service kWhs to Total Medium and Large C&I kWhs	<u>19.57%</u>	<u>19.57%</u>	<u>19.57%</u>	<u>19.57%</u>	<u>19.57%</u>	<u>19.57%</u>	
6	Projected Medium and Large C&I Energy Service kWhs	7,627,293	7,895,133	7,738,640	8,481,386	9,054,674	9,958,209	50,755,336

**Section 3: Medium and Large C&I Default Service Load Weighting for February 2018 - July 2018**

	February	March	April	May	June	July	Total	
7	Projected Medium and Large C&I Energy Service kWhs	7,627,293	7,895,133	7,738,640	8,481,386	9,054,674	9,958,209	50,755,336
8	Loss Factor							
9	Wholesale Contract Price (\$/MWh)							
#	Base Energy Service Rate (\$/kWh)	\$0.10967	\$0.08282	\$0.06834	\$0.06222	\$0.06801	\$0.06945	
#	Energy Service Reconciliation Adjustment Factor (\$/kWh)	\$0.00335	\$0.00335	\$0.00335	\$0.00335	\$0.00335	\$0.00335	
#	Energy Service Cost Reclassification Adjustment Factor (\$/kWh)	\$0.00304	\$0.00304	\$0.00304	\$0.00304	\$0.00304	\$0.00304	
#	<u>Renewable Portfolio Standard Adder (\$/kWh)</u>	<u>\$0.00462</u>	<u>\$0.00462</u>	<u>\$0.00462</u>	<u>\$0.00462</u>	<u>\$0.00462</u>	<u>\$0.00462</u>	
#	Total Estimated Medium and Large C&I Energy Service Price per kWh	\$0.12068	\$0.09383	\$0.07935	\$0.07323	\$0.07902	\$0.08046	
#	Projected Medium and Large C&I Base Default Service Cost, February 2018 - July 2018	<u>\$ 836,485</u>	<u>\$ 653,875</u>	<u>\$ 528,859</u>	<u>\$ 527,712</u>	<u>\$ 615,808</u>	<u>\$ 691,598</u>	<u>\$ 3,854,337</u>
#	Weighted Average Medium and Large C&I Base Default Service Charge for February 2018 - July 2018							\$ 0.07593
#	Projected Medium and Large C&I Default Service Cost, February 2018 - July 2018	<u>\$ 920,462</u>	<u>\$ 740,800</u>	<u>\$ 614,061</u>	<u>\$ 621,092</u>	<u>\$ 715,500</u>	<u>\$ 801,238</u>	<u>\$ 4,413,153</u>
#	Weighted Average Medium and Large C&I Default Service Charge for February 2018 - July 2018							\$ 0.08694

- 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 Line (8) ÷ Line (9), rounded to five decimal places
- 9 Schedule JDW-2 Exhibit 5
- # Line (10) x Line (11) / 1000, truncated to five decimal places
- # Schedule HMT-5 Page 2, Line 7 (June 23, 2017 Filing)
- # Schedule HMT-6 Page 1, Line 5 (June 23, 2017 Filing)
- # Schedule JDW-2 Exhibit 11
- # Line (12) + Line (13) + Line (14) + Line (15) + Line (16) + Line (17)
- # Line (7) x Line (12)
- # Line (19) total ÷ Line (7) total, truncated after 5 decimal places
- # Line (7) x Line (18)
- # Line (21) total ÷ Line (7) total, truncated after 5 decimal places

**Small Customer Group  
(Rates D, D-10, G-3, M, T and V)  
Based on Weighted Average Effective Energy Service Prices  
February 2018 - July 2018**

**REDACTED**  
Docket No. DE 17-058  
Schedule HMT-2 Rates  
Page 1 of 1

Section 1: Percentage of Residential and Small C&I kWhs Attributable to Energy Service	
1 November 2017 Residential and Small C&I Energy Service kWhs	24,764,692
2 November 2017 Total Residential and Small C&I kWhs	<u>29,497,727</u>
3 Percentage of Residential and Small C&I Energy Service kWh to Total Residential & Small C&I kWh	83.95%

**Section 2: Projected Residential and Small C&I Default Service kWhs, February 2018 - July 2018**

	February	March	April	May	June	July	Total
	(a)	(b)	(c)	(d)	(e)	(f)	(g)
4 Projected Total Company Residential and Small C&I kWhs	33,004,292	31,967,795	27,675,471	26,438,520	29,495,623	36,292,979	184,874,679
5 Percentage of Residential and Small C&I Energy Service kWh to Total Residential & Small C&I kWh	<u>83.95%</u>	<u>83.95%</u>	<u>83.95%</u>	<u>83.95%</u>	<u>83.95%</u>	<u>83.95%</u>	
6 Projected Residential and Small C&I Energy Service kWhs	27,708,614	26,838,427	23,234,825	22,196,348	24,762,926	30,469,617	155,210,755

**Section 3: Residential and Small C&I Default Service Load Weighting for February 2018 - July 2018**

	February	March	April	May	June	July	Total
7 Projected Residential and Small C&I Energy Service kWhs	27,708,614	26,838,427	23,234,825	22,196,348	24,762,926	30,469,617	155,210,755
8 Loss Factor							
9 Wholesale Contract Price (\$/MWh)							
10 Base Residential and Small C&I Energy Service Rate (\$/kWh)	\$0.11091	\$0.08478	\$0.07219	\$0.06842	\$0.07260	\$0.07214	
11 Energy Service Reconciliation Adjustment Factor (\$/kWh)	\$0.00335	\$0.00335	\$0.00335	\$0.00335	\$0.00335	\$0.00335	
12 Energy Service Cost Reclassification Adjustment Factor (\$/kWh)	\$0.00133	\$0.00133	\$0.00133	\$0.00133	\$0.00133	\$0.00133	
13 Proposed Renewable Portfolio Standard Adder (\$/kWh)	<u>\$0.00384</u>	<u>\$0.00384</u>	<u>\$0.00384</u>	<u>\$0.00384</u>	<u>\$0.00384</u>	<u>\$0.00384</u>	
14 Total Estimated Residential and Small C&I Energy Service Price per kWh	\$0.11943	\$0.09330	\$0.08071	\$0.07694	\$0.08112	\$0.08066	
15 Projected Residential and Small C&I Energy Service Base Cost, February 2018 - July 2018	<u>\$3,073,162</u>	<u>\$2,275,362</u>	<u>\$1,677,322</u>	<u>\$1,518,674</u>	<u>\$1,797,788</u>	<u>\$2,198,078</u>	<u>\$12,540,387</u>
16 Weighted Average Base Residential and Small C&I Energy Service Charge for February 2018 - July 2018							\$0.08079
17 Projected Residential and Small C&I Energy Service Cost, February 2018 - July 2018	<u>\$3,309,240</u>	<u>\$2,504,025</u>	<u>\$1,875,283</u>	<u>\$1,707,787</u>	<u>\$2,008,769</u>	<u>\$2,457,679</u>	<u>\$13,862,782</u>
18 Weighted Average Residential and Small C&I Energy Service Charge for February 2018 - July 2018							\$0.08931

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Liberty Utilities (Granite State Electric) d/b/a Liberty Utilities  
 Bill Calculation

Usage	650	kWh	Current Rates	February 1, 2018 Proposed Rates	Current Bill	February 1, 2018 Proposed Bill
Customer Charge			\$14.54	\$14.54	\$14.54	\$14.54
Distribution Charge						
1st 250 kWh			\$0.04061	\$0.04061	\$10.15	\$10.15
excess of 250 kWh			\$0.05273	\$0.05273	\$21.09	\$21.09
Storm Recovery Adjustment			\$0.00000	\$0.00000	\$0.00	\$0.00
Transmission Charge			\$0.02011	\$0.02011	\$13.07	\$13.07
Stranded Cost Charge			\$0.00049	\$0.00049	\$0.32	\$0.32
System Benefits Charge			\$0.00354	\$0.00354	\$2.30	\$2.30
Electricity Consumption Tax			\$0.00055	\$0.00055	<u>\$0.36</u>	<u>\$0.36</u>
Subtotal Retail Delivery Services					\$61.83	\$61.83
Energy Service Charge			\$0.08644	\$0.08931	<u>\$56.19</u>	<u>\$58.05</u>
				Total Bill	\$118.02	\$119.88
						<b>\$1.87</b>
						<b>1.58%</b>