

**Large Customer Group**  
**Rates G-1 and G-2**  
**Illustrative Weighted Average Energy Service Rates For Comparison Purposes Only**  
**February 2017 - July 2017**

REDACTED  
Liberty Utilities (Granite State Electric) Corp. d/b/a Liberty Utilities  
DE 16-249 Energy Service February 2017 - July 2017  
Schedule HMT-1  
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**Section 1: Percentage of Medium and Large C&I kWhs Attributable to Energy Service**

1 November 2016 Medium and Large C&I Energy Service kWhs	7,939,372
2 November 2016 Total Medium and Large C&I kWhs	<u>38,468,227</u>
3 Percentage of Medium and Large C&I Energy Service kWhs to Total Medium and Large C&I kWhs	20.64%

**Section 2: Projected Medium and Large C&I Default Service kWhs, February 2017 - July 2017**

	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>Total</u>
	(a)	(b)	(c)	(d)	(e)	(f)	(g)
4 Projected Total Company Medium and Large kWhs	41,017,557	41,885,038	41,654,105	43,812,968	49,201,661	54,056,135	271,627,463
5 Percentage of Medium and Large C&I Energy Service kWhs to Total Medium and Large C&I kWhs	<u>20.64%</u>	<u>20.64%</u>	<u>20.64%</u>	<u>20.64%</u>	<u>20.64%</u>	<u>20.64%</u>	
6 Projected Medium and Large C&I Energy Service kWhs	8,465,522	8,644,560	8,596,898	9,042,461	10,154,622	11,156,526	56,060,589

**Section 3: Medium and Large C&I Default Service Load Weighting for February 2017 - July 2017**

7 Projected Medium and Large C&I Energy Service kWhs	8,465,522	8,644,560	8,596,898	9,042,461	10,154,622	11,156,526	56,060,589
8 Loss Factor							
9 Wholesale Contract Price (\$/MWh)							
10 Base Energy Service Rate (\$/kWh)	\$0.09915	\$0.06843	\$0.04989	\$0.04421	\$0.06148	\$0.06744	
11 Energy Service Reconciliation Adjustment Factor (\$/kWh)	\$0.00066	\$0.00066	\$0.00066	\$0.00066	\$0.00066	\$0.00066	
12 Energy Service Cost Reclassification Adjustment Factor (\$/kWh)	\$0.00435	\$0.00435	\$0.00435	\$0.00435	\$0.00435	\$0.00435	
13 Border Sales Settlement Adjustment Factor	(\$0.00012)	(\$0.00012)	(\$0.00012)	(\$0.00012)	(\$0.00012)	(\$0.00012)	
14 Renewable Portfolio Standard Adder (\$/kWh)	\$0.00445	\$0.00445	\$0.00445	\$0.00445	\$0.00445	\$0.00445	
15 Total Estimated Medium and Large C&I Energy Service Price per kWh	\$0.10849	\$0.07777	\$0.05923	\$0.05355	\$0.07082	\$0.07678	
16 Projected Medium and Large C&I Base Default Service Cost, February 2017 - July 2017	<u>\$ 839,357</u>	<u>\$ 591,547</u>	<u>\$ 428,899</u>	<u>\$ 399,767</u>	<u>\$ 624,306</u>	<u>\$ 752,396</u>	<u>\$ 3,636,272</u>
17 Weighted Average Medium and Large C&I Base Default Service Charge for February 2017 - July 2017							\$ 0.06486
18 Projected Medium and Large C&I Default Service Cost, February 2017 - July 2017	<u>\$ 918,425</u>	<u>\$ 672,287</u>	<u>\$ 509,194</u>	<u>\$ 484,224</u>	<u>\$ 719,150</u>	<u>\$ 856,598</u>	<u>\$ 4,159,878</u>
19 Weighted Average Medium and Large C&I Default Service Charge for February 2017 - July 2017							\$ 0.07420

- 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 Internal reports
- 9 Schedule JDW-2 Exhibit 5
- 10 Line (10) x Line (11) / 1000, truncated to five decimal places
- 11 Schedule HMT-5 Page 1, Line 6 Approved in Order No. 25,908
- 12 Schedule HMT-7 Page 1, Line 5 Approved in Order No. 25,908
- 13 Schedule HMT-9 for refunds Approved in Order No. 25,908
- 14 Schedule JDW-2 Exhibit 11
- 15 Line (12) + Line (13) + Line (14) + Line (15) + Line (16) + Line (17)
- 16 Line (7) x Line (12)
- 17 Line (19) total ÷ Line (7) total, truncated after 5 decimal places
- 18 Line (7) x Line (18)
- 19 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 2017 - July 2017**

REDACTED  
 Liberty Utilities (Granite State Electric) Corp. d/b/a Liberty Utilities  
 DE 16-249 Energy Service February 2017 - July 2017  
 Schedule HMT-2  
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Section 1: Percentage of Residential and Small C&I kWhs Attributable to Energy Service	
1 November 2016 Residential and Small C&I Energy Service kWhs	21,738,625
2 November 2016 Total Residential and Small C&I kWhs	<u>26,314,257</u>
3 Percentage of Residential and Small C&I Energy Service kWhs to Total Residential & Small C&I kWhs	82.61%

**Section 2: Projected Residential and Small C&I Default Service kWhs, February 2017 - July 2017**

	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>Total</u>
	(a)	(b)	(c)	(d)	(e)	(f)	(g)
4 Projected Total Company Residential and Small C&I kWhs	34,848,205	33,670,783	29,627,035	27,191,167	31,427,991	37,150,131	193,915,311
5 Percentage of Residential and Small C&I Energy Service kWhs to Total Residential & Small C&I kWhs	<u>82.61%</u>	<u>82.61%</u>	<u>82.61%</u>	<u>82.61%</u>	<u>82.61%</u>	<u>82.61%</u>	
6 Projected Residential and Small C&I Energy Service kWhs	28,788,655	27,815,967	24,475,363	22,463,054	25,963,161	30,690,312	160,196,514

**Section 3: Residential and Small C&I Default Service Load Weighting for February 2017 - July 2017**

7 Projected Residential and Small C&I Energy Service kWhs	28,788,655	27,815,967	24,475,363	22,463,054	25,963,161	30,690,312	160,196,514
8 Loss Factor							
9 Wholesale Contract Price (\$/MWh)							
10 Base Residential and Small C&I Energy Service Rate (\$/kWh)	\$0.09915	\$0.07105	\$0.05123	\$0.04649	\$0.06828	\$0.07141	
11 Energy Service Reconciliation Adjustment Factor (\$/kWh)	\$0.00066	\$0.00066	\$0.00066	\$0.00066	\$0.00066	\$0.00066	
12 Energy Service Cost Reclassification Adjustment Factor (\$/kWh)	\$0.00207	\$0.00207	\$0.00207	\$0.00207	\$0.00207	\$0.00207	
13 Border Sales Settlement Adjustment Factor	(\$0.00012)	(\$0.00012)	(\$0.00012)	(\$0.00012)	(\$0.00012)	(\$0.00012)	
14 Proposed Renewable Portfolio Standard Adder (\$/kWh)	<u>\$0.00445</u>	<u>\$0.00445</u>	<u>\$0.00445</u>	<u>\$0.00445</u>	<u>\$0.00445</u>	<u>\$0.00445</u>	
15 Total Estimated Residential and Small C&I Energy Service Price per kWh	\$0.10621	\$0.07811	\$0.05829	\$0.05355	\$0.07534	\$0.07847	
16 Projected Residential and Small C&I Energy Service Base Cost, February 2017 - July 2017	<u>\$2,854,395</u>	<u>\$1,976,324</u>	<u>\$1,253,873</u>	<u>\$1,044,307</u>	<u>\$1,772,765</u>	<u>\$2,191,595</u>	<u>\$11,093,260</u>
17 Weighted Average Base Residential and Small C&I Energy Service Charge for February 2017 - July 2017							\$0.06924
18 Projected Residential and Small C&I Energy Service Cost, February 2017 - July 2017	<u>\$3,057,643</u>	<u>\$2,172,705</u>	<u>\$1,426,669</u>	<u>\$1,202,897</u>	<u>\$1,956,065</u>	<u>\$2,408,269</u>	<u>\$12,224,247</u>
19 Weighted Average Residential and Small C&I Energy Service Charge for February 2017 - July 2017							\$0.07630

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

kWh Usage 650		December 1, 2016	February 1, 2017	December 1, 2016	February 1, 2017
		Current Rates	Proposed Rates	Current Bill	Proposed Bill
Customer Charge		\$12.12	\$12.12	\$12.12	\$12.12
Distribution Charge					
	1st 250 kWh	\$0.03356	\$0.03356	\$8.39	\$8.39
	excess of 250 kWh	\$0.05002	\$0.05002	\$20.01	\$20.01
Storm Recovery Adjustment		\$0.00000	\$0.00000	\$0.00	\$0.00
Transmission Charge		\$0.01361	\$0.01361	\$8.85	\$8.85
Stranded Cost Charge		\$0.00040	\$0.00040	\$0.26	\$0.26
System Benefits Charge		\$0.00330	\$0.00330	\$2.15	\$2.15
Electricity Consumption Tax		\$0.00055	\$0.00055	<u>\$0.36</u>	<u>\$0.36</u>
Subtotal Retail Delivery Services				\$52.13	\$52.13
Energy Service Charge		\$0.06868	\$0.07630	<u>\$44.64</u>	<u>\$49.60</u>
			Total Bill	\$96.77	\$101.72
<b>\$ increase in 650 kWh Total Residential Bill</b>					<b>\$4.95</b>
<b>% increase in 650 kWh Total Residential Bill</b>					<b>5.12%</b>