

Summary of Proposed Default Service Rates

Granite State Electric Company d/b/a Liberty Utilities
Docket No. DE 13-018
Revised Schedule JDW-6
Page 1 of 2

REDACTED

		Medium and Large C&I		
		<u>November</u>	<u>December</u>	<u>January</u>
(1)	Wholesale Loads (kWh)			
(2)	Retail Loads (kWh)			
(3)	Loss Factor			
(4)	Wholesale Contract Price (\$/MWh)			
(5)	Base Default Service Rate (\$/kWh)	\$0.06068	\$0.08874	\$0.11079
(6)	2013 Default Service Reconciliation Adjustment Factor (\$/kWh)	\$0.00087	\$0.00087	\$0.00087
(7)	2013 Default Service Cost Reclassification Adjustment Factor (\$/kWh)	\$0.00039	\$0.00039	\$0.00039
(8)	RGGI Auction Excess Revenue Adjustment Factor (\$/kWh)	(\$0.00212)	(\$0.00212)	(\$0.00212)
(9)	Winter 2013-14 Reliability Program Factor (\$/kWh)	\$0.00000	\$0.00241	\$0.00241
(10)	Renewable Portfolio Standard Adder (\$/kWh)	<u>\$0.00290</u>	<u>\$0.00290</u>	<u>\$0.00525</u>
(11)	Total Default Service Rate (\$/kWh)	\$0.06272	\$0.09319	\$0.11759

- (1) Wholesale loads for the 12 month period ending August 2013
- (2) Retail loads for the 12 month period ending August 2013
- (3) Line (1) ÷ Line (2), rounded to five decimal places
- (4) Wholesale Contractor Price
- (5) Line (3) x Line (4) / 1000, truncated to five decimal places
- (6) Approved March 22, 2013, in Order 25,476 in DE 13-018
- (7) Approved March 22, 2013, in Order 25,476 in DE 13-018
- (8) Schedule JDW-8 Page 1
- (9) Exhibit 11
- (10) Schedule JDW-2 Exhibit 11

REDACTED

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

(1) August 2013 Medium and Large C&I Default Service kWhs	17,603,007
(2) August 2013 Total Medium and Large C&I kWhs	<u>52,378,367</u>
(3) Percentage of Medium and Large C&I Default Service kWhs to Total Medium and Large C&I kWhs	33.61%

Section 2: Projected Medium and Large C&I Default Service kWhs, November 2013 - January 2014

	November (a)	December (b)	January (c)	Nov-Jan Total (d)	February (e)	March (f)	April (g)	Feb-Apr Total (h)
(4) Projected Total Company Medium and Large kWhs	39,562,330	42,162,763	42,602,262	124,327,356	40,987,789	44,259,181	38,756,295	124,003,265
(5) Percentage of Medium and Large C&I Default Service kWhs to Total Medium and Large C&I kWhs	<u>33.61%</u>	<u>33.61%</u>	<u>33.61%</u>		<u>33.61%</u>	<u>33.61%</u>	<u>33.61%</u>	
(6) Projected Medium and Large C&I Default Service kWhs	13,295,870	14,169,808	14,317,512	41,783,191	13,774,930	14,874,360	13,024,983	41,674,273

Section 3: Medium and Large C&I Default Service Load Weighting for November 2013 - January 2014

(7) Projected Medium and Large C&I Default Service kWhs	13,295,870	14,169,808	14,317,512	41,783,191
(8) Wholesale Loads (kWh)				
(9) Retail Loads (kWh)				
(10) Loss Factor				
(11) Wholesale Contract Price (\$/MWh)				
(12) Base Default Service Rate (\$/kWh)	\$0.06068	\$0.08874	\$0.11079	
(13) 2013 Default Service Reconciliation Adjustment Factor (\$/kWh)	\$0.00087	\$0.00087	\$0.00087	
(14) 2013 Default Service Cost Reclassification Adjustment Factor (\$/kWh)	\$0.00039	\$0.00039	\$0.00039	
(15) RGGI Auction Excess Revenue Adjustment Factor (\$/kWh)	(\$0.00212)	(\$0.00212)	(\$0.00212)	
(16) Winter 2013-14 Reliability Program Factor (\$/kWh)	\$0.00000	\$0.00241	\$0.00241	
(17) Renewable Portfolio Standard Adder (\$/kWh)	<u>\$0.00290</u>	<u>\$0.00290</u>	<u>\$0.00525</u>	
(18) Total Estimated Medium and Large C&I Default Service Price per kWh	\$0.06272	\$0.09319	\$0.11759	
(19) Projected Medium and Large C&I Base Default Service Cost, November 2013 - January 2014	<u>\$ 806,793</u>	<u>\$ 1,257,429</u>	<u>\$ 1,586,237</u>	<u>\$ 3,650,459</u>
(20) Weighted Average Medium and Large C&I Base Default Service Charge for November 2013 - January 2014				\$ 0.08736
(21) Projected Medium and Large C&I Default Service Cost, November 2013 - January 2014	<u>\$ 833,917</u>	<u>\$ 1,320,484</u>	<u>\$ 1,683,596</u>	<u>\$ 3,837,998</u>
(23) Weighted Average Medium and Large C&I Default Service Charge for November 2013 - January 2014				\$ 0.09185

- (1) Per Monthly CR97987A Default Service Revenue Reports (Rates G-1 and G-2)
- (2) Per Monthly CR97992A 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) Wholesale loads for the 12 month period ending August 2013
- (9) Retail loads for the 12 month period ending August 2013
- (10) Line (8) ÷ Line (9), rounded to five decimal places
- (11) Wholesale Contractor Price
- (12) Line (10) x Line (11) / 1000, truncated to five decimal places
- (13) Approved March 22, 2013, in Order 25,476 in DE 13-018
- (14) Approved March 22, 2013, in Order 25,476 in DE 13-018
- (15) Schedule JDW-8 Page 1
- (16) Exhibit 11
- (17) Schedule JDW-2 Exhibit 11
- (18) Line (12) + Line (13) + Line (14) + Line (15) + Line (16) + Line (17)
- (19) Line (7) x Line (12)
- (20) Line (19) total ÷ Line (7) total, truncated after 5 decimal places
- (21) Line (7) x Line (18)
- (22) Line (21) total ÷ Line (7) total, truncated after 5 decimal places

REDACTED

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

(1) August 2013 Residential and Small C&I Default Service kWhs	34,614,540
(2) August 2013 Total Residential and Small C&I kWhs	36,796,613
(3) Percentage of Residential and Small C&I Default Service kWhs to Total Residential & Small C&I kWhs	94.07%

Section 2: Projected Residential and Small C&I Default Service kWhs, November 2013 - April 2014

	November (a)	December (b)	January (c)	February (d)	March (e)	April (f)	Total (g)
(4) Projected Total Company Residential and Small C&I kWhs	29,255,012	36,239,356	40,767,100	37,712,598	36,082,566	33,084,187	213,140,819
(5) Percentage of Residential and Small C&I Default Service kWhs to Total Residential & Small C&I kWhs	94.07%	94.07%	94.07%	94.07%	94.07%	94.07%	
(6) Projected Residential and Small C&I Default Service kWhs	27,520,163	34,090,329	38,349,574	35,476,207	33,942,837	31,122,264	200,501,373

Section 3: Residential and Small C&I Default Service Load Weighting for November 2013 - April 2014

(7) Projected Residential and Small C&I Default Service kWhs	27,520,163	34,090,329	38,349,574	35,476,207	33,942,837	31,122,264	200,501,373
(8) Wholesale Loads (kWh)							
(9) Retail Loads (kWh)							
(10) Loss Factor							
(11) Wholesale Contract Price (\$/MWh)							
(12) Base Residential and Small C&I Default Service Rate (\$/kWh)	\$0.05942	\$0.08728	\$0.11123	\$0.10981	\$0.06741	\$0.05591	
(13) 2013 Default Service Reconciliation Adjustment Factor (\$/kWh)	\$0.00087	\$0.00087	\$0.00087	\$0.00087	\$0.00087	\$0.00087	
(14) 2013 Default Service Cost Reclassification Adjustment Factor (\$/kWh)	\$0.00063	\$0.00063	\$0.00063	\$0.00063	\$0.00063	\$0.00063	
(15) RGGI Auction Excess Revenue Adjustment Factor (\$/kWh)	(\$0.00212)	(\$0.00212)	(\$0.00212)	(\$0.00212)	(\$0.00212)	(\$0.00212)	
(16) Winter 2013-14 Reliability Program Factor (\$/kWh)	\$0.00000	\$0.00241	\$0.00241	\$0.00241	\$0.00000	\$0.00000	
(17) Proposed Renewable Portfolio Standard Adder (\$/kWh) for 2013/2014	\$0.00290	\$0.00290	\$0.00525	\$0.00525	\$0.00525	\$0.00525	
(18) Total Estimated Residential and Small C&I Default Service Price per kWh	\$0.06170	\$0.09197	\$0.11827	\$0.11685	\$0.07204	\$0.06054	
(19) Projected Residential and Small C&I Default Service Base Cost, November 2013 - April 2014	\$1,635,248	\$2,975,404	\$4,265,623	\$3,895,642	\$2,288,087	\$1,740,046	\$16,800,050
(20) Weighted Average Base Residential and Small C&I Default Service Charge for November 2013 - April 2014							\$0.08379
(21) Projected Residential and Small C&I Default Service Cost, November 2013 - April 2014	\$1,697,994	\$3,135,288	\$4,535,604	\$4,145,395	\$2,445,242	\$1,884,142	\$17,843,664
(22) Weighted Average Residential and Small C&I Default Service Charge for November 2013 - April 2014							\$0.08899

- (1) Per Monthly CR97987A Default Service Revenue Reports (Rates D, D-10, G-3, M, T, and V)
- (2) Per Monthly CR97992A Total Revenue Reports (Rates D, D-10, G-3, M, T, and V)
- (3) Line (1) ÷ Line (2)
- (4) Per Company forecast for residential and small C&I rates (Rates D, D-10, G-3, M, T, and V)
- (5) Line (3)
- (6) Line (4) x Line (5)
- (7) Line (6)
- (8) Wholesale loads for the 12 month period ending August 2013
- (9) Retail loads for the 12 month period ending August 2013
- (10) Line (8) ÷ Line (9), rounded to five decimal places
- (11) Contractor Wholesale Price
- (12) Line (10) x Line (11) / 1000, truncated to five decimal places
- (13) Approved March 22, 2013, in Order 25,476 in DE 13-018
- (14) Approved March 22, 2013, in Order 25,476 in DE 13-018
- (15) Schedule JDW-8 Page 1
- (16) Exhibit 11
- (17) Schedule JDW-2 Exhibit 11
- (18) Line (12) + Line (13) + Line (14) + Line (15) + Line (16) + Line (17)
- (19) Line (7) x Line (12)
- (20) Line (19) total ÷ Line (7) total, truncated after 5 decimal places
- (21) Line (7) x Line (18)

Granite State Electric Company d/b/a Liberty Utilities
Proposed November 1, 2013 Rates
Calculation of Monthly Typical Bill
Impact on Rate D Default Service Customers
Without Water Heater Control
0% Off-Peak

kWh Split			100.00%							
On-Peak			0.00%							
Off-Peak			0.00%							
			(1)			(2)			(1) vs (2)	
Monthly kWh	On-Peak kWh	Off-Peak kWh	Present Rates			Proposed Rates			Overall	
			Total	Default Service	Retail Delivery	Total	Default Service	Retail Delivery	Increase (Decrease) Amount	%
200	200	0	\$28.38	\$13.31	\$15.07	\$32.87	\$17.80	\$15.07	\$4.49	15.8%
350	350	0	\$48.93	\$23.30	\$25.63	\$56.78	\$31.15	\$25.63	\$7.85	16.0%
500	500	0	\$71.15	\$33.28	\$37.87	\$82.37	\$44.50	\$37.87	\$11.22	15.8%
678	678	0	\$97.51	\$45.13	\$52.38	\$112.72	\$60.34	\$52.38	\$15.21	15.6%
750	750	0	\$108.19	\$49.92	\$58.27	\$125.01	\$66.74	\$58.27	\$16.82	15.5%
1,000	1,000	0	\$145.22	\$66.56	\$78.66	\$167.65	\$88.99	\$78.66	\$22.43	15.4%

Present Rates			Proposed Rates		
Customer Charge		\$5.53			\$5.53
Distribution Charge					
1st 250 kWh	kWh x	\$0.02156			\$0.02156
excess of 250 kWh	kWh x	\$0.05547			\$0.05547
Off Peak kWh	kWh x	\$0.02063			\$0.02063
Storm Adjustment Factor	kWh x	\$0.00223			\$0.00223
Transmission Charge	kWh x	\$0.01856			\$0.01856
Stranded Cost Charge	kWh x	\$0.00150			\$0.00150
System Benefits Charge	kWh x	\$0.00330			\$0.00330
Electricity Consumption Tax	kWh x	\$0.00055			\$0.00055
<u>Supplier Services</u>					
Default Service	kWh x	\$0.06656			\$0.08899

Granite State Electric Company d/b/a Liberty Utilities
Proposed November 1, 2013 Rates
Calculation of Monthly Typical Bill
Impact on Rate D Default Service Customers
With 6 Hour Water Heater Control

kWh Split										
On-Peak			80.00%							
Off-Peak			20.00%		/----- (1) -----/		/----- (2) -----/		(1) vs (2)	
Monthly kWh	On-Peak kWh	Off-Peak kWh	Present Rates			Proposed Rates			Overall	
			Total	Default Service	Retail Delivery	Total	Default Service	Retail Delivery	Increase (Decrease) Amount	%
200	160	40	\$22.20	\$13.31	\$8.89	\$26.69	\$17.80	\$8.89	\$4.49	20.2%
350	280	70	\$40.33	\$23.30	\$17.03	\$48.18	\$31.15	\$17.03	\$7.85	19.5%
500	400	100	\$61.51	\$33.28	\$28.23	\$72.73	\$44.50	\$28.23	\$11.22	18.2%
750	600	150	\$96.80	\$49.92	\$46.88	\$113.62	\$66.74	\$46.88	\$16.82	17.4%
1,000	800	200	\$132.11	\$66.56	\$65.55	\$154.54	\$88.99	\$65.55	\$22.43	17.0%

		Present Rates	Proposed Rates
Customer Charge		\$5.53	\$5.53
Distribution Charge			
1st 250 kWh	kWh x	\$0.02156	\$0.02156
excess of 250 kWh	kWh x	\$0.05547	\$0.05547
Off Peak kWh	kWh x	\$0.02063	\$0.02063
Storm Adjustment Factor	kWh x	\$0.00223	\$0.00223
Transmission Charge	kWh x	\$0.01856	\$0.01856
Stranded Cost Charge	kWh x	\$0.00150	\$0.00150
System Benefits Charge	kWh x	\$0.00330	\$0.00330
Electricity Consumption Tax	kWh x	\$0.00055	\$0.00055
Interruptible Credit #1		(\$6.15)	(\$6.15)

Supplier Services

Default Service	kWh x	\$0.06656	\$0.08899
-----------------	-------	-----------	-----------

Granite State Electric Company d/b/a Liberty Utilities
Proposed November 1, 2013 Rates
Calculation of Monthly Typical Bill
Impact on Rate D Default Service Customers
With 6 Hour Water Heater Control

kWh Split										
On-Peak 60.00%										
Off-Peak 40.00%										
Monthly kWh	On-Peak kWh	Off-Peak kWh	Total	Present Rates Default Service	Retail Delivery	Total	Proposed Rates Default Service	Retail Delivery	Overall Increase (Decrease) Amount	%
200	120	80	\$20.08	\$13.31	\$6.77	\$24.57	\$17.80	\$6.77	\$4.49	22.4%
350	210	140	\$37.18	\$23.30	\$13.88	\$45.03	\$31.15	\$13.88	\$7.85	21.1%
500	300	200	\$55.95	\$33.28	\$22.67	\$67.17	\$44.50	\$22.67	\$11.22	20.1%
750	450	300	\$89.50	\$49.92	\$39.58	\$106.32	\$66.74	\$39.58	\$16.82	18.8%
1,000	600	400	\$123.05	\$66.56	\$56.49	\$145.48	\$88.99	\$56.49	\$22.43	18.2%

			Present Rates	Proposed Rates
Customer Charge			\$5.53	\$5.53
Distribution Charge				
1st 250 kWh	kWh x		\$0.02156	\$0.02156
excess of 250 kWh	kWh x		\$0.05547	\$0.05547
Off Peak kWh	kWh x		\$0.02063	\$0.02063
Storm Adjustment Factor	kWh x		\$0.00223	\$0.00223
Transmission Charge	kWh x		\$0.01856	\$0.01856
Stranded Cost Charge	kWh x		\$0.00150	\$0.00150
System Benefits Charge	kWh x		\$0.00330	\$0.00330
Electricity Consumption Tax	kWh x		\$0.00055	\$0.00055
Interruptible Credit #2			(\$8.23)	(\$8.23)
<u>Supplier Services</u>				
Default Service	kWh x		\$0.06656	\$0.08899

Granite State Electric Company d/b/a Liberty Utilities
Proposed November 1, 2013 Rates
Calculation of Monthly Typical Bill
Impact on Rate D-10 Default Service Customers

kWh Split		80.00%		(1)		(2)		(1) vs (2)	
On-Peak		20.00%		/-----/		/-----/		/-----/	
Off-Peak									
Monthly kWh	On-Peak kWh	Off-Peak kWh	Total	Present Rates Default Service	Retail Delivery	Total	Proposed Rates Default Service	Retail Delivery	Overall Increase (Decrease) Amount %
700	560	140	\$108.26	\$46.59	\$61.67	\$123.96	\$62.29	\$61.67	\$15.70 14.5%
1,000	800	200	\$150.59	\$66.56	\$84.03	\$173.02	\$88.99	\$84.03	\$22.43 14.9%
1,300	1,040	260	\$192.92	\$86.53	\$106.39	\$222.08	\$115.69	\$106.39	\$29.16 15.1%
1,600	1,280	320	\$235.24	\$106.50	\$128.74	\$271.12	\$142.38	\$128.74	\$35.88 15.3%
1,900	1,520	380	\$277.57	\$126.46	\$151.11	\$320.19	\$169.08	\$151.11	\$42.62 15.4%

		Present Rates	Proposed Rates
Customer Charge		\$9.50	\$9.50
Distribution Charge			
On Peak kWh	kWh x	\$0.06271	\$0.06271
Off Peak kWh	kWh x	\$0.00023	\$0.00023
Storm Adjustment Factor	kWh x	\$0.00223	\$0.00223
Transmission Charge	kWh x	\$0.01672	\$0.01672
Stranded Cost Charge	kWh x	\$0.00151	\$0.00151
System Benefits Charge	kWh x	\$0.00330	\$0.00330
Electricity Consumption Tax	kWh x	\$0.00055	\$0.00055

Supplier Services

Default Service	kWh x	\$0.06656	\$0.08899
-----------------	-------	-----------	-----------

Granite State Electric Company d/b/a Liberty Utilities
Proposed November 1, 2013 Rates
Calculation of Monthly Typical Bill
Impact on Rate D-10 Default Service Customers

kWh Split											
On-Peak		70.00%		(1)		(2)		(1) vs (2)			
Off-Peak		30.00%		/-----/		/-----/					
Monthly kWh	On-Peak kWh	Off-Peak kWh	Total	Present Rates Default Service	Retail Delivery	Total	Proposed Rates Default Service	Retail Delivery	Overall Increase (Decrease) Amount	%	
700	490	210	\$103.89	\$46.59	\$57.30	\$119.59	\$62.29	\$57.30	\$15.70	15.1%	
1,000	700	300	\$144.34	\$66.56	\$77.78	\$166.77	\$88.99	\$77.78	\$22.43	15.5%	
1,300	910	390	\$184.80	\$86.53	\$98.27	\$213.96	\$115.69	\$98.27	\$29.16	15.8%	
1,600	1,120	480	\$225.25	\$106.50	\$118.75	\$261.13	\$142.38	\$118.75	\$35.88	15.9%	
1,900	1,330	570	\$265.69	\$126.46	\$139.23	\$308.31	\$169.08	\$139.23	\$42.62	16.0%	

		<u>Present Rates</u>		<u>Proposed Rates</u>	
Customer Charge		\$9.50		\$9.50	
Distribution Charge					
On Peak kWh	kWh x	\$0.06271		\$0.06271	
Off Peak kWh	kWh x	\$0.00023		\$0.00023	
Storm Adjustment Factor	kWh x	\$0.00223		\$0.00223	
Transmission Charge	kWh x	\$0.01672		\$0.01672	
Stranded Cost Charge	kWh x	\$0.00151		\$0.00151	
System Benefits Charge	kWh x	\$0.00330		\$0.00330	
Electricity Consumption Tax	kWh x	\$0.00055		\$0.00055	

Supplier Services

Default Service	kWh x	\$0.06656	\$0.08899
-----------------	-------	-----------	-----------

Granite State Electric Company d/b/a Liberty Utilities
Proposed November 1, 2013 Rates
Calculation of Monthly Typical Bill
Impact on Rate D-10 Default Service Customers

kWh Split										
On-Peak 60.00%										
Off-Peak 40.00% /----- (1) -----/ /----- (2) -----/ (1) vs (2)										
Monthly KWh	On-Peak kWh	Off-Peak kWh	Present Rates			Proposed Rates			Overall	
			Total	Default Service	Retail Delivery	Total	Default Service	Retail Delivery	Increase (Decrease) Amount %	
700	420	280	\$99.51	\$46.59	\$52.92	\$115.21	\$62.29	\$52.92	\$15.70	15.8%
1,000	600	400	\$138.09	\$66.56	\$71.53	\$160.52	\$88.99	\$71.53	\$22.43	16.2%
1,300	780	520	\$176.67	\$86.53	\$90.14	\$205.83	\$115.69	\$90.14	\$29.16	16.5%
1,600	960	640	\$215.25	\$106.50	\$108.75	\$251.13	\$142.38	\$108.75	\$35.88	16.7%
1,900	1,140	760	\$253.82	\$126.46	\$127.36	\$296.44	\$169.08	\$127.36	\$42.62	16.8%

		<u>Present Rates</u>	<u>Proposed Rates</u>
Customer Charge		\$9.50	\$9.50
Distribution Charge			
On Peak kWh	kWh x	\$0.06271	\$0.06271
Off Peak kWh	kWh x	\$0.00023	\$0.00023
Storm Adjustment Factor	kWh x	\$0.00223	\$0.00223
Transmission Charge	kWh x	\$0.01672	\$0.01672
Stranded Cost Charge	kWh x	\$0.00151	\$0.00151
System Benefits Charge	kWh x	\$0.00330	\$0.00330
Electricity Consumption Tax	kWh x	\$0.00055	\$0.00055

Supplier Services

Default Service	kWh x	\$0.06656	\$0.08899
-----------------	-------	-----------	-----------

Granite State Electric Company d/b/a Liberty Utilities
Proposed November 1, 2013 Rates
Calculation of Monthly Typical Bill
Impact on Rate G-3 Default Service Customers

Monthly kWh	(1)			(2)			(1) vs (2)	
	Total	Present Rates Default Service	Retail Delivery	Total	Proposed Rates Default Service	Retail Delivery	Overall Increase (Decrease) Amount	%
600	\$87.36	\$39.94	\$47.42	\$100.81	\$53.39	\$47.42	\$13.45	15.4%
800	\$114.14	\$53.25	\$60.89	\$132.08	\$71.19	\$60.89	\$17.94	15.7%
1,200	\$167.70	\$79.87	\$87.83	\$194.62	\$106.79	\$87.83	\$26.92	16.1%
1,500	\$207.90	\$99.84	\$108.06	\$241.55	\$133.49	\$108.06	\$33.65	16.2%
2,000	\$274.84	\$133.12	\$141.72	\$319.70	\$177.98	\$141.72	\$44.86	16.3%

<u>Present Rates</u>			<u>Proposed Rates</u>		
Customer Charge		\$7.00			\$7.00
Distribution Charge	kWh x	\$0.04007			\$0.04007
Storm Adjustment Factor	kWh x	\$0.00223			\$0.00223
Transmission Charge	kWh x	\$0.01971			\$0.01971
Stranded Cost Charge	kWh x	\$0.00150			\$0.00150
System Benefits Charge	kWh x	\$0.00330			\$0.00330
Electricity Consumption Tax	kWh x	\$0.00055			\$0.00055

Supplier Services

Default Service	kWh x	\$0.06656			\$0.08899
-----------------	-------	-----------	--	--	-----------

Granite State Electric Company d/b/a Liberty Utilities
Proposed November 1, 2013 Rates
Calculation of Monthly Typical Bill
Impact on Rate T Default Service Customers

Monthly kWh	(1)			(2)			(1) vs (2)	
	Total	Present Rates Default Service	Retail Delivery	Total	Proposed Rates Default Service	Retail Delivery	Overall Increase (Decrease) Amount	%
600	\$77.52	\$39.94	\$37.58	\$90.97	\$53.39	\$37.58	\$13.45	17.4%
800	\$100.95	\$53.25	\$47.70	\$118.89	\$71.19	\$47.70	\$17.94	17.8%
1,200	\$147.87	\$79.87	\$68.00	\$174.79	\$106.79	\$68.00	\$26.92	18.2%
1,500	\$183.05	\$99.84	\$83.21	\$216.70	\$133.49	\$83.21	\$33.65	18.4%
2,000	\$241.66	\$133.12	\$108.54	\$286.52	\$177.98	\$108.54	\$44.86	18.6%

<u>Present Rates</u>			<u>Proposed Rates</u>		
Customer Charge		\$7.16			\$7.16
Distribution Charge	kWh x	\$0.02658			\$0.02658
Storm Adjustment Factor	kWh x	\$0.00223			\$0.00223
Transmission Charge	kWh x	\$0.01653			\$0.01653
Stranded Cost Charge	kWh x	\$0.00150			\$0.00150
System Benefits Charge	kWh x	\$0.00330			\$0.00330
Electricity Consumption Tax	kWh x	\$0.00055			\$0.00055

Supplier Services

Default Service	kWh x	\$0.06656			\$0.08899
-----------------	-------	-----------	--	--	-----------

Granite State Electric Company d/b/a Liberty Utilities
Proposed November 1, 2013 Rates
Calculation of Monthly Typical Bill
Impact on Rate V Default Service Customers

Monthly kWh	(1)			(2)			(1) vs (2)	
	Total	Present Rates Default Service	Retail Delivery	Total	Proposed Rates Default Service	Retail Delivery	Overall Increase (Decrease) Amount	%
600	\$79.34	\$39.94	\$39.40	\$92.79	\$53.39	\$39.40	\$13.45	17.0%
800	\$105.78	\$53.25	\$52.53	\$123.72	\$71.19	\$52.53	\$17.94	17.0%
1,200	\$158.68	\$79.87	\$78.81	\$185.60	\$106.79	\$78.81	\$26.92	17.0%
1,500	\$198.36	\$99.84	\$98.52	\$232.01	\$133.49	\$98.52	\$33.65	17.0%
2,000	\$264.46	\$133.12	\$131.34	\$309.32	\$177.98	\$131.34	\$44.86	17.0%

<u>Present Rates</u>			<u>Proposed Rates</u>		
Minimum Charge		\$7.47			\$7.47
Distribution Charge	kWh x	\$0.03713			\$0.03713
Storm Adjustment Factor	kWh x	\$0.00223			\$0.00223
Transmission Charge	kWh x	\$0.02094			\$0.02094
Stranded Cost Charge	kWh x	\$0.00152			\$0.00152
System Benefits Charge	kWh x	\$0.00330			\$0.00330
Electricity Consumption Tax	kWh x	\$0.00055			\$0.00055

Supplier Services

Default Service	kWh x	\$0.06656			\$0.08899
-----------------	-------	-----------	--	--	-----------

Granite State Electric Company d/b/a Liberty Utilities
Proposed November 1, 2013 Rates
Calculation of Illustrative Monthly Typical Bill
Impact on Rate G-1 Default Service Customers

Hours Use		kWh Split									
		250 On-Peak	60.00%	(1)			(2)			(1) vs (2)	
		Off-Peak	40.00%	/-----/			/-----/				
kW	Monthly kWh	On-Peak kWh	Off-Peak kWh	Present Rates			Proposed Rates			Overall	
				Total	Default Service	Retail Delivery	Total	Default Service	Retail Delivery	Increase (Decrease) Amount	%
200	50,000	30,000	20,000	\$5,685.09	\$3,135.50	\$2,549.59	\$7,142.09	\$4,592.50	\$2,549.59	\$1,457.00	25.6%
300	75,000	45,000	30,000	\$8,468.39	\$4,703.25	\$3,765.14	\$10,653.89	\$6,888.75	\$3,765.14	\$2,185.50	25.8%
400	100,000	60,000	40,000	\$11,251.69	\$6,271.00	\$4,980.69	\$14,165.69	\$9,185.00	\$4,980.69	\$2,914.00	25.9%
500	125,000	75,000	50,000	\$14,034.99	\$7,838.75	\$6,196.24	\$17,677.49	\$11,481.25	\$6,196.24	\$3,642.50	26.0%
1,000	250,000	150,000	100,000	\$27,951.49	\$15,677.50	\$12,273.99	\$35,236.49	\$22,962.50	\$12,273.99	\$7,285.00	26.1%

		Present Rates	Proposed Rates
Customer Charge		\$118.49	\$118.49
Distribution Charge			
On Peak kWh	kWh x	\$0.00373	\$0.00373
Off Peak kWh	kWh x	\$0.00031	\$0.00031
Distribution Demand Charge	kW x	\$5.16	\$5.16
Storm Adjustment Factor	kWh x	\$0.00223	\$0.00223
Transmission Charge	kWh x	\$0.01804	\$0.01804
Stranded Cost Charge	kWh x	\$0.00150	\$0.00150
System Benefits Charge	kWh x	\$0.00330	\$0.00330
Electricity Consumption Tax	kWh x	\$0.00055	\$0.00055

Supplier Services

Default Service	kWh x	\$0.06271	\$0.09185
-----------------	-------	-----------	-----------

Granite State Electric Company d/b/a Liberty Utilities
Proposed November 1, 2013 Rates
Calculation of Illustrative Monthly Typical Bill
Impact on Rate G-1 Default Service Customers

Hours Use		kWh Split									
		350 On-Peak	50.00%	(1)			(2)			(1) vs (2)	
		Off-Peak	50.00%	/-----		-----/	/-----		-----/		
kW	Monthly kWh	On-Peak kWh	Off-Peak kWh	Total	Present Rates Default Service	Retail Delivery	Total	Proposed Rates Default Service	Retail Delivery	Overall Increase (Decrease) Amount	%
200	70,000	35,000	35,000	\$7,474.99	\$4,389.70	\$3,085.29	\$9,514.79	\$6,429.50	\$3,085.29	\$2,039.80	27.3%
300	105,000	52,500	52,500	\$11,153.25	\$6,584.55	\$4,568.70	\$14,212.95	\$9,644.25	\$4,568.70	\$3,059.70	27.4%
400	140,000	70,000	70,000	\$14,831.49	\$8,779.40	\$6,052.09	\$18,911.09	\$12,859.00	\$6,052.09	\$4,079.60	27.5%
500	175,000	87,500	87,500	\$18,509.75	\$10,974.25	\$7,535.50	\$23,609.25	\$16,073.75	\$7,535.50	\$5,099.50	27.6%
1,000	350,000	175,000	175,000	\$36,900.99	\$21,948.50	\$14,952.49	\$47,099.99	\$32,147.50	\$14,952.49	\$10,199.00	27.6%

		Present Rates	Proposed Rates
Customer Charge		\$118.49	\$118.49
Distribution Charge			
On Peak kWh	kWh x	\$0.00373	\$0.00373
Off Peak kWh	kWh x	\$0.00031	\$0.00031
Distribution Demand Charge	kW x	\$5.16	\$5.16
Storm Adjustment Factor	kWh x	\$0.00223	\$0.00223
Transmission Charge	kWh x	\$0.01804	\$0.01804
Stranded Cost Charge	kWh x	\$0.00150	\$0.00150
System Benefits Charge	kWh x	\$0.00330	\$0.00330
Electricity Consumption Tax	kWh x	\$0.00055	\$0.00055

Supplier Services

Default Service	kWh x	\$0.06271	\$0.09185
-----------------	-------	-----------	-----------

Granite State Electric Company d/b/a Liberty Utilities
Proposed November 1, 2013 Rates
Calculation of Illustrative Monthly Typical Bill
Impact on Rate G-1 Default Service Customers

Hours Use		kWh Split									
		450 On-Peak	45.00%								
		Off-Peak	55.00%	/-----	(1)	-----/	/-----	(2)	-----/	(1) vs (2)	
kW	Monthly kWh	On-Peak kWh	Off-Peak kWh	Present Rates			Proposed Rates			Overall	
				Total	Default Service	Retail Delivery	Total	Default Service	Retail Delivery	Increase (Decrease) Amount	%
200	90,000	40,500	49,500	\$9,266.61	\$5,643.90	\$3,622.71	\$11,889.21	\$8,266.50	\$3,622.71	\$2,622.60	28.3%
300	135,000	60,750	74,250	\$13,840.66	\$8,465.85	\$5,374.81	\$17,774.56	\$12,399.75	\$5,374.81	\$3,933.90	28.4%
400	180,000	81,000	99,000	\$18,414.71	\$11,287.80	\$7,126.91	\$23,659.91	\$16,533.00	\$7,126.91	\$5,245.20	28.5%
500	225,000	101,250	123,750	\$22,988.76	\$14,109.75	\$8,879.01	\$29,545.26	\$20,666.25	\$8,879.01	\$6,556.50	28.5%
1,000	450,000	202,500	247,500	\$45,859.05	\$28,219.50	\$17,639.55	\$58,972.05	\$41,332.50	\$17,639.55	\$13,113.00	28.6%

		Present Rates	Proposed Rates
Customer Charge		\$118.49	\$118.49
Distribution Charge			
On Peak kWh	kWh x	\$0.00373	\$0.00373
Off Peak kWh	kWh x	\$0.00031	\$0.00031
Distribution Demand Charge	kW x	\$5.16	\$5.16
Storm Adjustment Factor	kWh x	\$0.00223	\$0.00223
Transmission Charge	kWh x	\$0.01804	\$0.01804
Stranded Cost Charge	kWh x	\$0.00150	\$0.00150
System Benefits Charge	kWh x	\$0.00330	\$0.00330
Electricity Consumption Tax	kWh x	\$0.00055	\$0.00055

Supplier Services

Default Service	kWh x	\$0.06271	\$0.09185
-----------------	-------	-----------	-----------

Granite State Electric Company d/b/a Liberty Utilities
Proposed November 1, 2013 Rates
Calculation of Illustrative Monthly Typical Bill
Impact on Rate G-1 Default Service Customers

Hours Use		kWh Split									
		450 On-Peak	40.00% Off-Peak	(1)		(2)		(1) vs (2)			
kW	Monthly kWh	On-Peak kWh	Off-Peak kWh	Present Rates			Proposed Rates			Overall	
				Total	Default Service	Retail Delivery	Total	Default Service	Retail Delivery	Increase (Decrease) Amount	%
200	90,000	36,000	54,000	\$9,251.21	\$5,643.90	\$3,607.31	\$11,873.81	\$8,266.50	\$3,607.31	\$2,622.60	28.3%
300	135,000	54,000	81,000	\$13,817.57	\$8,465.85	\$5,351.72	\$17,751.47	\$12,399.75	\$5,351.72	\$3,933.90	28.5%
400	180,000	72,000	108,000	\$18,383.93	\$11,287.80	\$7,096.13	\$23,629.13	\$16,533.00	\$7,096.13	\$5,245.20	28.5%
500	225,000	90,000	135,000	\$22,950.29	\$14,109.75	\$8,840.54	\$29,506.79	\$20,666.25	\$8,840.54	\$6,556.50	28.6%
1,000	450,000	180,000	270,000	\$45,782.09	\$28,219.50	\$17,562.59	\$58,895.09	\$41,332.50	\$17,562.59	\$13,113.00	28.6%

		Present Rates	Proposed Rates
Customer Charge		\$118.49	\$118.49
Distribution Charge			
On Peak kWh	kWh x	\$0.00373	\$0.00373
Off Peak kWh	kWh x	\$0.00031	\$0.00031
Distribution Demand Charge	kW x	\$5.16	\$5.16
Storm Adjustment Factor	kWh x	\$0.00223	\$0.00223
Transmission Charge	kWh x	\$0.01804	\$0.01804
Stranded Cost Charge	kWh x	\$0.00150	\$0.00150
System Benefits Charge	kWh x	\$0.00330	\$0.00330
Electricity Consumption Tax	kWh x	\$0.00055	\$0.00055

Supplier Services

Default Service	kWh x	\$0.06271	\$0.09185
-----------------	-------	-----------	-----------

Granite State Electric Company d/b/a Liberty Utilities
Proposed November 1, 2013 Rates
Calculation of Illustrative Monthly Typical Bill
Impact on Rate G-2 Default Service Customers

Hours Use 200

		/----- (1) -----/			/----- (2) -----/			(1) vs (2)	
kW	Monthly kWh	Present Rates			Proposed Rates			Overall	
		Total	Default Service	Retail Delivery	Total	Default Service	Retail Delivery	Increase (Decrease) Amount	%
20	4,000	\$512.05	\$250.84	\$261.21	\$628.61	\$367.40	\$261.21	\$116.56	22.8%
50	10,000	\$1,232.59	\$627.10	\$605.49	\$1,523.99	\$918.50	\$605.49	\$291.40	23.6%
75	15,000	\$1,833.04	\$940.65	\$892.39	\$2,270.14	\$1,377.75	\$892.39	\$437.10	23.8%
100	20,000	\$2,433.49	\$1,254.20	\$1,179.29	\$3,016.29	\$1,837.00	\$1,179.29	\$582.80	23.9%
150	30,000	\$3,634.39	\$1,881.30	\$1,753.09	\$4,508.59	\$2,755.50	\$1,753.09	\$874.20	24.1%

		<u>Present Rates</u>	<u>Proposed Rates</u>
Customer Charge		\$31.69	\$31.69
Distribution Charge	kWh x	\$0.00147	\$0.00147
Distribution Demand Charge	kW x	\$5.69	\$5.69
Storm Adjustment Factor	kWh x	\$0.00223	\$0.00223
Transmission Charge	kWh x	\$0.01988	\$0.01988
Stranded Cost Charge	kWh x	\$0.00150	\$0.00150
System Benefits Charge	kWh x	\$0.00330	\$0.00330
Electricity Consumption Tax	kWh x	\$0.00055	\$0.00055

Supplier Services

Default Service	kWh x	\$0.06271	\$0.09185
-----------------	-------	-----------	-----------

Granite State Electric Company d/b/a Liberty Utilities
Proposed November 1, 2013 Rates
Calculation of Illustrative Monthly Typical Bill
Impact on Rate G-2 Default Service Customers

Hours Use 250

		(1)			(2)			(1) vs (2)	
		Present Rates			Proposed Rates			Overall	
kW	Monthly kWh	Total	Default Service	Retail Delivery	Total	Default Service	Retail Delivery	Increase (Decrease) Amount	%
20	5,000	\$603.69	\$313.55	\$290.14	\$749.39	\$459.25	\$290.14	\$145.70	24.1%
50	12,500	\$1,461.71	\$783.88	\$677.83	\$1,825.96	\$1,148.13	\$677.83	\$364.25	24.9%
75	18,750	\$2,176.69	\$1,175.81	\$1,000.88	\$2,723.07	\$1,722.19	\$1,000.88	\$546.38	25.1%
100	25,000	\$2,891.69	\$1,567.75	\$1,323.94	\$3,620.19	\$2,296.25	\$1,323.94	\$728.50	25.2%
150	37,500	\$4,321.71	\$2,351.63	\$1,970.08	\$5,414.46	\$3,444.38	\$1,970.08	\$1,092.75	25.3%

		Present Rates	Proposed Rates
Customer Charge		\$31.69	\$31.69
Distribution Charge	kWh x	\$0.00147	\$0.00147
Distribution Demand Charge	kW x	\$5.69	\$5.69
Storm Adjustment Factor	kWh x	\$0.00223	\$0.00223
Transmission Charge	kWh x	\$0.01988	\$0.01988
Stranded Cost Charge	kWh x	\$0.00150	\$0.00150
System Benefits Charge	kWh x	\$0.00330	\$0.00330
Electricity Consumption Tax	kWh x	\$0.00055	\$0.00055

Supplier Services

Default Service	kWh x	\$0.06271	\$0.09185
-----------------	-------	-----------	-----------

Granite State Electric Company d/b/a Liberty Utilities
Proposed November 1, 2013 Rates
Calculation of Illustrative Monthly Typical Bill
Impact on Rate G-2 Default Service Customers

Hours Use 300

		(1)			(2)			(1) vs (2)	
		Present Rates			Proposed Rates			Overall	
kW	Monthly kWh	Total	Default Service	Retail Delivery	Total	Default Service	Retail Delivery	Increase (Decrease) Amount	%
20	6,000	\$695.33	\$376.26	\$319.07	\$870.17	\$551.10	\$319.07	\$174.84	25.1%
50	15,000	\$1,690.79	\$940.65	\$750.14	\$2,127.89	\$1,377.75	\$750.14	\$437.10	25.9%
75	22,500	\$2,520.36	\$1,410.98	\$1,109.38	\$3,176.01	\$2,066.63	\$1,109.38	\$655.65	26.0%
100	30,000	\$3,349.89	\$1,881.30	\$1,468.59	\$4,224.09	\$2,755.50	\$1,468.59	\$874.20	26.1%
150	45,000	\$5,008.99	\$2,821.95	\$2,187.04	\$6,320.29	\$4,133.25	\$2,187.04	\$1,311.30	26.2%

		Present Rates	Proposed Rates
Customer Charge		\$31.69	\$31.69
Distribution Charge	kWh x	\$0.00147	\$0.00147
Distribution Demand Charge	kW x	\$5.69	\$5.69
Storm Adjustment Factor	kWh x	\$0.00223	\$0.00223
Transmission Charge	kWh x	\$0.01988	\$0.01988
Stranded Cost Charge	kWh x	\$0.00150	\$0.00150
System Benefits Charge	kWh x	\$0.00330	\$0.00330
Electricity Consumption Tax	kWh x	\$0.00055	\$0.00055

Supplier Services

Default Service	kWh x	\$0.06271	\$0.09185
-----------------	-------	-----------	-----------

N.H.P.U.C. No. 18 - ELECTRICITY
LIBERTY UTILITIES

Eighth Revised Page 84
Superseding Seventh Revised Page 84
Summary of Rates

RATES EFFECTIVE NOVEMBER 1, 2013
FOR USAGE ON AND AFTER NOVEMBER 1, 2013

Rate	Blocks	Distribution Charge (1), (2), (3), (4)	Storm Recovery Adjustment Factor	Electricity Consumption Tax	Transmission Charge	Systems Benefits Charge	Stranded Cost Charge	Total Retail Delivery Services
D	Customer Charge	\$5.53						\$5.53
	1st 250 kWh	\$0.02156	\$0.00223	\$0.00055	\$0.01856	\$0.00330	\$0.00150	\$0.04770
	Excess 250 kWh	\$0.05547	\$0.00223	\$0.00055	\$0.01856	\$0.00330	\$0.00150	\$0.08161
	Off Peak kWh	\$0.02063	\$0.00223	\$0.00055	\$0.01856	\$0.00330	\$0.00150	\$0.04677
	Farm kWh	\$0.03329	\$0.00223	\$0.00055	\$0.01856	\$0.00330	\$0.00150	\$0.05943
	D-6 kWh	\$0.02156	\$0.00223	\$0.00055	\$0.01856	\$0.00330	\$0.00150	\$0.04770
D-10	Customer Charge	\$9.50						\$9.50
	On Peak kWh	\$0.06271	\$0.00223	\$0.00055	\$0.01672	\$0.00330	\$0.00151	\$0.08702
	Off Peak kWh	\$0.00023	\$0.00223	\$0.00055	\$0.01672	\$0.00330	\$0.00151	\$0.02454
G-1	Customer Charge	\$118.49						\$118.49
	Demand Charge	\$5.16						\$5.16
	On Peak kWh	\$0.00373	\$0.00223	\$0.00055	\$0.01804	\$0.00330	\$0.00150	\$0.02935
	Off Peak kWh	\$0.00031	\$0.00223	\$0.00055	\$0.01804	\$0.00330	\$0.00150	\$0.02593
G-2	Customer Charge	\$31.69						\$31.69
	Demand Charge	\$5.69						\$5.69
	All kWh	\$0.00147	\$0.00223	\$0.00055	\$0.01988	\$0.00330	\$0.00150	\$0.02893
G-3	Customer Charge	\$7.00						\$7.00
	All kWh	\$0.04007	\$0.00223	\$0.00055	\$0.01971	\$0.00330	\$0.00150	\$0.06736
M	All kWh	\$0.00047	\$0.00223	\$0.00055	\$0.00900	\$0.00330	\$0.00149	\$0.01704
	<i>see tariff for luminaires & pole charges</i>							
T	Customer Charge	\$7.16						\$7.16
	All kWh	\$0.02658	\$0.00223	\$0.00055	\$0.01653	\$0.00330	\$0.00150	\$0.05069
V	Minimum Charge	\$7.47						\$7.47
	All kWh	\$0.03713	\$0.00223	\$0.00055	\$0.02094	\$0.00330	\$0.00152	\$0.06567

(1) Distribution Energy Charges include a Business Profits Tax Surcharge of \$0.00057 per kWh for usage on and after 8/1/01

(2) Distribution Energy Charges include the following credits per kWh in accordance with page 93 of the tariff for usage on and after 5/1/10

Rate Class	D	D-10	G-3	T	V
Credit per kWh	(\$0.00017)	(\$0.00008)	(\$0.00017)	(\$0.00007)	(\$0.00009)

(3) Distribution Energy Charges include a Reliability Enhancement Program and Vegetation Management Plan Adjustment Factor of (\$0.00010) per kWh for usage on and after 7/1/13

(4) Distribution Energy Charges include a Green Up Service Recovery Adjustment Factor of (\$0.00001) per kWh for usage on and after 1/1/13

System Benefits Charge-Energy Efficiency	\$0.00180	Effective 7/1/11, usage on and after
System Benefits Charge-Statewide Energy Assistance Program	\$0.00150	Effective 7/1/11, usage on and after
Total System Benefits Charge	\$0.00330	
Transmission Cost Adjustment Factor	various	Effective 1/1/13, usage on and after
Stranded Cost Adjustment Factor	various	Effective 1/1/13, usage on and after
Default Service Charge		
Residential & Small Commercial (D, D-10, G-3, M, T, V)	\$0.08899	Effective 11/1/13, usage on and after
Medium / Large Commercial & Industrial (G-1, G-2)	\$0.06272	Effective 11/1/13, usage on and after
	\$0.09319	Effective 12/1/13, usage on and after
	\$0.11759	Effective 1/1/14, usage on and after
Electricity Consumption Tax	\$0.00055	Effective 5/1/01, usage on and after

Dated:
Effective: November 01, 2013

Issued by: /s/ Victor D. Del Vecchio
Victor D. Del Vecchio
Title: President

Authorize by Docket No. DE 13-018, NHPUC Order No. , Dated