



Liberty Utilities (Granite State Electric) Corp. d/b/a Liberty Utilities
Docket No. DE 17-049
Schedule HMT-4
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Revised April 11, 2017

Liberty Utilities (Granite State Electric) d/b/a Liberty Utilities
Calculation of RGGI Auction Excess Revenue Adjustment Factor

	Month	Auction Number	Beginning Balance With Interest	RGGI Rebate	Actual Refund	Ending Balance	Balance Subject to Interest	Effective Interest Rate	Interest	Cumulative Interest
			(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)
[1]	Mar-16	31	\$2,109,422	\$294,864	(\$32,567)	\$2,371,718	\$2,240,570	3.50%	\$6,432	\$6,432
[2]	Apr-16	-	\$2,378,151	\$0	(\$45,345)	\$2,332,806	\$2,355,478	3.50%	\$6,762	\$13,195
[3]										
[4]	May-16	-	\$2,339,568	\$0	(\$137,564)	\$2,202,004	\$2,270,786	3.50%	\$6,519	\$19,714
[5]	Jun-16	32	\$2,208,523	\$0	(\$164,001)	\$2,044,522	\$2,126,523	3.50%	\$6,105	\$25,819
[6]	Jul-16	-	\$2,050,627	\$272,553	(\$184,209)	\$2,138,971	\$2,094,799	3.50%	\$6,014	\$31,833
[7]	Aug-16	-	\$2,144,985	\$0	(\$188,384)	\$1,956,602	\$2,050,794	3.50%	\$5,888	\$37,721
[8]	Sep-16	-	\$1,962,489	\$0	(\$177,066)	\$1,785,423	\$1,873,956	3.50%	\$5,380	\$43,101
[9]	Oct-16	33	\$1,790,803	\$245,604	(\$150,351)	\$1,886,056	\$1,838,430	3.50%	\$5,278	\$48,378
[10]	Nov-16	-	\$1,891,334	\$0	(\$137,987)	\$1,753,348	\$1,822,341	3.50%	\$5,232	\$53,610
[11]	Dec-16	34	\$1,758,579	\$176,918	(\$159,410)	\$1,776,087	\$1,767,333	3.50%	\$5,074	\$58,684
[12]	Jan-17	-	\$1,781,161	\$0	(\$169,427)	\$1,611,735	\$1,696,448	3.75%	\$5,212	\$63,897
[13]	Feb-17	-	\$1,616,947	\$0	(\$146,049)	\$1,470,898	\$1,543,923	3.75%	\$4,744	\$68,640
[14]	Mar-17	35	\$1,475,642	\$132,438	(\$160,934)	\$1,447,147	\$1,461,394	3.75%	\$4,490	\$73,130
[15]*	Apr-17	-	\$1,451,637	\$0	(\$151,829)	\$1,299,808	\$1,375,722	3.75%	\$4,227	\$77,357
[16]	Total Auction Proceeds:		\$1,122,377							
[17]	Total Refund Through 4/30/17		(\$2,005,122)							
[18]	Remaining Refund		(\$1,304,035)							
[19]	Projected kWh:		950,922,952							
[20]	RGGI Refund Rate Effective 5/1/2017		(\$0.00137)							

- (a) Prior month Column (d) + prior month Column (g)
(b) Actual RGGI Rebates
(c) Column (a) + number of remaining months in recovery period
(d) Column (a) + Column (b) + Column (c)
(e) Average of Column (a) and Column (c)
(f) Interest rate on customer deposits
(g) Column (e) x [(1 + Column (f)) ^ (1 + 12) - 1]
(h) Prior month Column (h) + Current month Column (g)

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Liberty Utilities (Granite State Electric) Corp. d/b/a Liberty Utilities
Typical Residential Customer
Bill Comparison

Usage	650 kWh				
		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	\$0.02011	\$8.85	\$13.07
Stranded Cost Charge		\$0.00040	\$0.00049	\$0.26	\$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				\$52.28	\$56.56
Default Service Charge		\$0.07630	\$0.07630	<u>\$49.60</u>	<u>\$49.60</u>
Total Bill				\$101.88	\$106.16

\$ increase in 650 kWh Total Residential Bill	\$4.28
% increase in 650 kWh Total Residential Bill	4.20%
