

## **SCHEDULES**

- Schedule DBS-1: REP/VMP Revenue Requirement
- Schedule DBS-2: REP/VMP Rate Design
- Schedule DBS-3: Reconciliation of Recovery of FY 2012 Incremental O&M Expense  
Below Base O&M Expense and FY 2013 Incremental O&M Expense  
Below Base O&M Expense
- Schedule DBS-4: Typical Bill Impacts
- Schedule DBS-5: Revised Tariff Pages

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**Liberty Utilities (Granite State Electric) Corp. d/b/a Liberty Utilities**  
**REP/VMP Revenue Requirement**  
**Annual Rate Changes**  
**CYS 2013 Actual**

	<u>Actual</u> <u>7/1/2008</u> (a)	<u>Actual</u> <u>7/1/2009</u> (b)	<u>Actual</u> <u>7/1/2010</u> (c)	<u>Actual</u> <u>7/1/2011</u> (d)	<u>Actual</u> <u>7/1/2012</u> (e)	<u>Actual</u> <u>7/1/2013</u> (f)	<u>Actual</u> <u>6/1/2014</u> (g)
<b><u>Annual Incremental Rate Adjustments</u></b>							
1	REP and VMP O&M Program	\$0	\$113,832	\$1,047,770	(\$758,113)	(\$295,207)	(\$52,081)
2							
3	REP Capital Program	\$165,840	\$75,740	\$163,663	\$102,941	(\$18,005)	\$125,829
4							
5	Total for Fiscal Year	\$165,840	\$189,572	\$1,211,433	(\$655,172)	(\$313,213)	\$73,748
6							
7	Termination of Prior Period O&M Recovery	\$0	\$0	(\$113,832)	(\$1,047,770)	\$758,113	\$295,207
8							
9	Net Change in Recovery	\$165,840	\$189,572	\$1,097,601	(\$1,702,942)	\$444,900	\$368,955

**Notes:**  
 Line 1 From Page 2 of 3, Line 13  
 Line 3 From Page 3 of 3, Line 58  
 Line 5 Line 1 + Line 3  
 Line 7 - Line 1 of Prior Year  
 Line 9 Line 5 + Line 7

**Liberty Utilities (Granite State Electric) Corp. d/b/a Liberty Utilities**  
**REP/VMP Revenue Requirement**  
**Computation of Annual Revenue Requirement**  
**CYS 2013 Actual**

	Actual FY <u>2008</u> (a)	Actual FY <u>2009</u> (b)	Actual FY <u>2010</u> (c)	Actual FY <u>2011</u> (d)	Actual FY <u>2012</u> (e)	Actual FY <u>2013</u> (f)	Actual CYS <u>2013</u> (f)	
<b><u>Incremental VMP and REP O&amp;M Spend</u></b>								
1	Actual VMP and REP Program Spending	\$2,169,258	\$1,477,916	\$2,556,530	\$1,245,985	\$1,467,486	\$1,560,973	\$1,055,861
2								
3	Amount Subject to Proposed Recovery	\$1,950,000	\$1,473,832	\$2,556,530	\$1,552,000	\$1,556,000	\$1,721,585	\$1,238,200
4								
5	Amount Subject to Recovery	\$1,950,000	\$1,473,832	\$2,556,530	\$1,245,985	\$1,467,486	\$1,560,973	\$1,055,861
6								
7	VMP and REP Base Spending Level	\$1,950,000	\$1,360,000	\$1,360,000	\$1,360,000	\$1,360,000	\$1,360,000	\$1,020,000
8								
9	Total Revenue Requirement	\$0	\$113,832	\$1,196,530	(\$114,015)	\$107,486	\$200,973	\$35,861
10								
11	Less Reimbursements from FairPoint Communications	\$0	\$0	(\$148,760)	(\$644,098)	(\$402,693)	(\$253,054)	(\$311,701)
12								
13	Total Incremental Revenue Requirement	\$0	\$113,832	\$1,047,770	(\$758,113)	(\$295,207)	(\$52,081)	(\$275,840)
14								
15	Total O&M Recovery	\$1,950,000	\$1,473,832	\$2,407,770	\$601,887	\$1,064,793	\$1,307,919	\$744,160

Notes:

Line 1 Actual VMP and REP program spending, excluding FairPoint Communications reimbursements.

Line 3 Approved CY 2013 program budget pursuant to the Company's February 2013 plan submission.

Line 5 Lesser of Line 1 and Line 3.

Line 7 VMP and REP base spending level per Merger Settlement Agreement in Docket No. DG 06-107.

Line 9 Line 5 minus Line 7.

Line 11 Reflects reimbursements related to vegetation management expenses from FairPoint Communications.

Line 13 Line 9 plus Line 11.

Line 15 Line 5 plus Line 11.

Liberty Utilities (Granite State Electric) Corp. d/b/a Liberty Utilities  
REP/VMP Revenue Requirement  
Computation of REP Revenue Requirement  
CYS 2013 Actual

	Revised FY 2008 (a)	Revised FY 2009 (b)	Revised FY 2010 (c)	Revised FY 2011 (d)	Revised FY 2012 (e)	Actual FY 2013 (f)	Actual CYS 2013 (g)	(h)	
<b>Deferred Tax Calculation</b>									
1	REP Program Annual Spend	\$950,000	\$500,000	\$876,243	\$610,835	\$398,239	\$545,916	\$416,755	
2	Cumulative REP Program Spend	\$950,000	\$1,450,000	\$2,326,243	\$2,937,078	\$3,335,317	\$3,881,233	\$4,297,988	
3									
4	Book Depreciation Rate (a)	3.70%	3.72%	3.71%	3.73%	3.72%	3.33%	3.72%	
5	FEDERAL Vintage Year Tax Depreciation:								
6	FY 2008 Spend	\$429,887	\$39,010	\$36,081	\$33,379	\$30,872	\$28,559	\$14,858	
7	FY 2009 Spend		\$338,156	\$12,139	\$11,227	\$10,387	\$9,606	\$4,999	
8	FY 2010 Spend			\$550,022	\$24,467	\$22,630	\$20,936	\$10,892	
9	FY 2011 Spend				\$481,705	\$9,685	\$8,958	\$4,662	
10	FY 2012 Spend					\$377,329	\$2,968	\$1,544	
11	FY 2013 Spend						\$332,964	\$11,900	
12	CYS 2013 Spend							\$212,773	
13	Annual Tax Depreciation	\$429,887	\$377,166	\$598,242	\$550,778	\$450,902	\$403,992	\$261,627	
14	Cumulative Tax Depreciation	\$429,887	\$807,053	\$1,405,295	\$1,956,073	\$2,406,975	\$2,810,967	\$3,072,594	
15									
16	STATE Vintage Year Tax Depreciation:								
17	FY 2008 Spend	\$334,991	\$46,127	\$42,664	\$39,469	\$36,504	\$33,770	\$17,568	
18	FY 2009 Spend		\$176,311	\$24,277	\$22,455	\$20,773	\$19,213	\$9,998	
19	FY 2010 Spend			\$223,801	\$48,935	\$45,261	\$41,872	\$21,784	
20	FY 2011 Spend				\$199,462	\$30,854	\$28,538	\$14,850	
21	FY 2012 Spend					\$181,087	\$19,837	\$10,320	
22	FY 2013 Spend						\$179,810	\$20,395	
23	CYS 2013 Spend							\$8,791	
24	Annual Tax Depreciation	\$334,991	\$222,438	\$290,742	\$310,320	\$314,480	\$323,039	\$103,706	
25	Cumulative Tax Depreciation	\$334,991	\$557,429	\$848,171	\$1,158,492	\$1,472,971	\$1,796,010	\$1,899,716	
26									
27	Book Depreciation	\$35,150	\$53,940	\$86,304	\$109,645	\$124,074	\$129,109	\$119,933	
28	Cumulative Book Depreciation	\$35,150	\$89,090	\$175,394	\$285,039	\$409,113	\$538,222	\$658,155	
29									
30	Book/Tax Timer (Federal)	\$394,737	\$717,963	\$1,229,901	\$1,671,034	\$1,997,862	\$2,272,745	\$2,414,439	
31	less: Deferred Tax Reserve (State)	\$25,486	\$39,809	\$57,186	\$74,243	\$90,428	\$106,912	\$105,533	
32	Net Book/Tax Timer (Federal)	\$369,251	\$678,154	\$1,172,715	\$1,596,791	\$1,907,435	\$2,165,833	\$2,308,906	
33	Effective Tax Rate (Federal)	35.00%	35.00%	35.00%	35.00%	35.00%	35.00%	35.00%	
34	Deferred Tax Reserve (Federal)	\$129,238	\$237,354	\$410,450	\$558,877	\$667,602	\$758,041	\$808,117	
35	Book/Tax Timer (State)	\$299,841	\$468,339	\$672,778	\$873,453	\$1,063,859	\$1,257,788	\$1,241,561	
36	Effective Tax Rate (State)	8.50%	8.50%	8.50%	8.50%	8.50%	8.50%	8.50%	
37	Deferred Tax Reserve (State)	\$25,486	\$39,809	\$57,186	\$74,243	\$90,428	\$106,912	\$105,533	
38	TOTAL Deferred Tax Reserve	\$154,724	\$277,163	\$467,636	\$633,120	\$758,030	\$864,953	\$913,650	
39									
40	<b>Rate Base Calculation</b>								
41	Plant In Service	\$950,000	\$1,450,000	\$2,326,243	\$2,937,078	\$3,335,317	\$3,881,233	\$4,297,988	
42	Accumulated Book Depreciation	(\$35,150)	(\$89,090)	(\$175,394)	(\$285,039)	(\$409,113)	(\$538,222)	(\$658,155)	
43	Deferred Tax Reserve	(\$154,724)	(\$277,163)	(\$467,636)	(\$633,120)	(\$758,030)	(\$864,953)	(\$913,650)	
44	Year End Rate Base	\$760,126	\$1,083,747	\$1,683,213	\$2,018,919	\$2,168,174	\$2,478,057	\$2,726,183	
45									
46	<b>Revenue Requirement Calculation</b>								
47	Year End Rate Base	\$760,126	\$1,083,747	\$1,683,213	\$2,018,919	\$2,168,174	\$2,478,057	\$2,726,183	
48	Pre-Tax ROR	11.91%	11.91%	11.91%	11.91%	11.91%	11.91%	11.51%	
49	Return and Taxes	\$90,515	\$129,051	\$200,435	\$240,410	\$258,183	\$295,084	\$313,755	
50	Book Depreciation	\$35,150	\$53,940	\$86,304	\$109,645	\$124,074	\$129,109	\$119,933	
51	Property Taxes (b)	\$21,773	\$27,218	\$66,676	\$89,904	\$110,318	\$118,343	\$149,961	
52	Annual Revenue Requirement	\$147,438	\$210,209	\$353,415	\$439,960	\$492,575	\$542,536	\$583,649	
	Cumulative Prior Period Change for Repairs Tax Deduct & Bonus Depreciation (FY 08 - 13) (e)					(\$73,471)	\$2,397		
53	Adjusted Annual Revenue Requirement	\$147,438	\$210,209	\$353,415	\$439,960	\$419,104	\$544,933	\$583,649	
54									
55									
56	<b>Annual Rate Adjustment</b>								
57		7/1/2008	7/1/2009	7/1/2010	7/1/2011	7/1/2012	7/1/2013	6/1/2014	
58	Incremental Annual Rate Adjustment		\$147,438	\$62,771	\$143,205	\$86,545	(\$20,856)	\$125,829	\$38,716
59									
60									
61	<b>Imputed Capital Structure (c)</b>								
62		Ratio	Rate	Weighted Rate	Pre Tax				
63	Long Term Debt	50.00%	7.54%	3.77%	3.77%				
64	Common Equity	50.00%	9.67%	4.84%	8.14%				
65		100.00%		8.61%	11.91%				
66									
67									
68	<b>Imputed Capital Structure (d)</b>								
69		Ratio	Rate	Weighted Rate	Pre Tax				
70	Long Term Debt	45.00%	5.95%	2.68%	2.68%				
71	Common Equity	55.00%	9.55%	5.25%	8.83%				
72		100.00%		7.93%	11.51%				
73									

(a) Actual Calendar Year 2013 Composite Depreciation rate for distribution property.  
(b) Actual Calendar Year 2013 ratio of municipal tax expense to net plant in service.  
(c) Capital structure per Merger Settlement in Docket DG 06-107, Exhibit 1, Section 3(c).  
(d) Capital structure per Rate Case Settlement in Docket DE 13-063, Attachment A, Schedule 1B.

(e) Change in Revenue Requirement for Repairs Tax Deduction and Bonus Depreciation:

	7/1/2008	7/1/2009	7/1/2010	7/1/2011	7/1/2012	FY13 Total
.1 Incremental Annual Rate Adjustment per Line 58	\$147,438	\$62,771	\$143,205	\$86,545	(\$20,856)	
.2 As Previously Filed	\$146,814	\$61,753	\$141,182	\$84,963	(\$18,005)	
.3 FY13 Chg for Repairs Tax Deduction & Bonus Depreciation	\$624	\$1,018	\$2,023	\$1,582	(\$2,850)	\$2,397
FROM FY 2012 REP/VMP FILING						
.4 Incremental Annual Rate Adjustment	\$146,814	\$61,753	\$141,182	\$84,963	(\$18,005)	
.5 As Previously Filed	\$165,840	\$75,740	\$163,663	\$102,941		
.6 FY12 Chg for Repairs Tax Deduction & Bonus Depreciation	(\$19,026)	(\$13,986)	(\$22,481)	(\$17,978)	(\$73,471)	

Liberty Utilities (Granite State Electric) Corp. d/b/a Liberty Utilities  
REP/VMP Revenue Requirement  
Calculation of REP Tax Depreciation 2008 - Per Tax Return  
Using Capital Repairs Tax Return Rate

		(a)	(b)	(c)	(d)	(e)	(f)	(g)
		2008	2009	2010	2011	2012	2013	CYS2013
1	<u>Capital Repairs Deduction</u>							
2	Plant Additions	From Page 3 of 11, Line 1(a)	\$950,000					
3	Capital Repairs Deduction Rate	Tax Dept	32.74%					
4	Capital Repairs Deduction	Line 2 * Line 3	\$311,030					
5								
6	<u>Bonus Depreciation</u>							
7	Plant Additions	Line 2	\$950,000					
8	Less Capital Repairs Deduction	Line 4	\$311,030					
9	Plant Additions Net of Capital Repairs Deduction	Line 7 - Line 8	\$638,970					
10								
11	Percent of Plant Additions Eligible for Bonus Depreciation April 2007 - December 2007	Tax Dept	69.14%					
12	Plant Additions Eligible for Bonus Depreciation April 2007 - December 2007	Line 9 * Line 11	\$441,784					
13	Bonus Depreciation rate April 2007- December 2007	Tax Dept <sup>1</sup>	0%					
14	Bonus Depreciation for April 2007 - December 2007	Line 12 * Line 13	\$0					
15								
16	Plant Additions Eligible for Bonus Depreciation for January 2008 - March 2008	Tax Dept	30.86%					
17	Plant Additions Eligible for Bonus Depreciation for January 2008 - March 2008	Line 9 * Line 16	\$197,186					
18	Bonus Depreciation rate January 2008 - March 2008	Tax Dept <sup>1</sup>	50%					
19	Bonus Depreciation for January 2008 - March 2008	Line 17 * Line 18	\$98,593					
20								
21	Bonus Depreciation	Line 14 + Line 19	\$98,593					
22								
23	<u>Remaining Tax Depreciation (Federal)</u>							
24	Plant Additions	Line 2	\$950,000					
25	Less Capital Repairs Deduction	Line 4	\$311,030					
26	Less Bonus Depreciation	Line 21	\$98,593					
27	Additions Subject to 20 YR MACRS Tax Depreciation	Line 24 - Line 25 - Line 26	\$540,377	\$540,377	\$540,377	\$540,377	\$540,377	\$540,377
28	20 YR MACRS Tax Depreciation Rates	Tax Dept	3.750%	7.219%	6.677%	6.177%	5.713%	5.285%
29	Remaining Tax Depreciation	Line 27 * Line 28	\$20,264	\$39,010	\$36,081	\$33,379	\$30,872	\$28,559
30								
31	<u>Remaining Tax Depreciation (State)</u>							
32	Plant Additions	Line 2	\$950,000					
33	Less Capital Repairs Deduction	Line 4	\$311,030					
34	Additions Subject to 20 YR MACRS Tax Depreciation	Line 32 - Line 33	\$638,970	\$638,970	\$638,970	\$638,970	\$638,970	\$638,970
35	20 YR MACRS Tax Depreciation Rates	Tax Dept	3.750%	7.219%	6.677%	6.177%	5.713%	5.285%
36	Remaining Tax Depreciation	Line 34 * Line 35	\$23,961	\$46,127	\$42,664	\$39,469	\$36,504	\$33,770
37								
38	Federal Tax Depreciation	Sum of Lines 4, 21, and 29	\$429,887	\$39,010	\$36,081	\$33,379	\$30,872	\$28,559
39	State Tax Depreciation	Sum of Lines 4, and 36	\$334,991	\$46,127	\$42,664	\$39,469	\$36,504	\$33,770

**Note:** Plant additions not subject to the capital repairs deduction may be subject to bonus depreciation. During 2008, Congress passed the Economic Stimulus Act of 2008 which established a 50% bonus depreciation deduction for certain eligible plant additions. Congress has passed further laws which have extended and changed the bonus depreciation rate at different periods of time. The bonus depreciation rates in effect since the start of the Company's REP/VMP program have been as follows:

Period	Rate
April 1, 2007 to December 31, 2007	0%
January 1, 2008 to September 7, 2010	50%
September 8, 2010 to December 31, 2011	100%
January 1, 2012 to December 31, 2013	50%

**Liberty Utilities (Granite State Electric) Corp. d/b/a Liberty Utilities  
REP/VMP Revenue Requirement  
Calculation of REP Tax Depreciation 2009 - Per Tax Return  
Using Capital Repairs Tax Return Rate**

		(a) <u>2008</u>	(b) <u>2009</u>	(c) <u>2010</u>	(d) <u>2011</u>	(e) <u>2012</u>	(f) <u>2013</u>	(g) <u>CYS2013</u>
1	<u>Capital Repairs Deduction</u>							
2	Plant Additions		From Page 3 of 11, Line 1(b) \$500,000					
3	Capital Repairs Deduction Rate		Tax Dept 32.74%					
4	Capital Repairs Deduction		Line 2 * Line 3 \$163,700					
5								
6	<u>Bonus Depreciation</u>							
7	Plant Additions		Line 2 \$500,000					
8	Less Capital Repairs Deduction		Line 4 \$163,700					
9	Plant Additions Net of Capital Repairs Deduction		Line 7 - Line 8 \$336,300					
10								
11	Percent of Plant Additions Eligible for Bonus Depreciation		Tax Dept 100.00%					
12	Plant Additions Eligible for Bonus Depreciation		Line 9 * Line 11 \$336,300					
13	Bonus Depreciation Rate		Tax Dept 50%					
14	Bonus Depreciation		Line 12 * Line 13 \$168,150					
15								
16	Bonus Depreciation		Line 14 \$168,150					
17								
18	<u>Remaining Tax Depreciation (Federal)</u>							
19	Plant Additions		Line 2 \$500,000					
20	Less Capital Repairs Deduction		Line 4 \$163,700					
21	Less Bonus Depreciation		Line 16 \$168,150					
22	Additions Subject to 20 YR MACRS Tax Depreciation		Line 19 - Line 20 - Line 21 \$168,150	\$168,150	\$168,150	\$168,150	\$168,150	\$168,150
23	20 YR MACRS Tax Depreciation Rates		Tax Dept 3.750%	7.219%	6.677%	6.177%	5.713%	3.964%
24	Remaining Tax Depreciation		Line 22 * Line 23 \$6,306	\$12,139	\$11,227	\$10,387	\$9,606	\$4,999
25								
26	<u>Remaining Tax Depreciation (State)</u>							
27	Plant Additions		Line 2 \$500,000					
28	Less Capital Repairs Deduction		Line 4 \$163,700					
29	Additions Subject to 20 YR MACRS Tax Depreciation		Line 27 - Line 28 \$336,300	\$336,300	\$336,300	\$336,300	\$336,300	\$336,300
30	20 YR MACRS Tax Depreciation Rates		Tax Dept 3.750%	7.219%	6.677%	6.177%	5.713%	3.964%
31	Remaining Tax Depreciation		Line 29 * Line 30 \$12,611	\$24,277	\$22,455	\$20,773	\$19,213	\$9,998
32								
33	Federal Tax Depreciation		Sum of Lines 4, 16, and 24 \$338,156	\$12,139	\$11,227	\$10,387	\$9,606	\$4,999
34	State Tax Depreciation		Sum of Lines 4 and 31 \$176,311	\$24,277	\$22,455	\$20,773	\$19,213	\$9,998

**Note:** Plant additions not subject to the capital repairs deduction may be subject to bonus depreciation. During 2008, Congress passed the Economic Stimulus Act of 2008 which established a 50% bonus depreciation deduction for certain eligible plant additions. Congress has passed further laws which have extended and changed the bonus depreciation rate at different periods of time. The bonus depreciation rates in effect since the start of the Company's REP/VMP program have been as follows:

Period	Rate
April 1, 2007 to December 31, 2007	0%
January 1, 2008 to September 7, 2010	50%
September 8, 2010 to December 31, 2011	100%
January 1, 2012 to December 31, 2013	50%

**Liberty Utilities (Granite State Electric) Corp. d/b/a Liberty Utilities**  
**REP/VMP Revenue Requirement**  
**Calculation of REP Tax Depreciation 2010 - Per Tax Return**  
**Using Capital Repairs Tax Return Rate**

	(a) <u>2008</u>	(b) <u>2009</u>	(c) <u>2010</u>	(d) <u>2011</u>	(e) <u>2012</u>	(f) <u>2013</u>	(g) <u>CYS2013</u>
1 <u>Capital Repairs Deduction</u>							
2 Plant Additions			From Page 3 of 11, Line 1(c)				
3 Capital Repairs Deduction Rate			Tax Dept	\$876,243			
4 Capital Repairs Deduction			Line 2 * Line 3	22.64%			
5				\$198,381			
6 <u>Bonus Depreciation</u>							
7 Plant Additions			Line 2	\$876,243			
8 Less Capital Repairs Deduction			Line 4	\$198,381			
9 Plant Additions Net of Capital Repairs Deduction			Line 7 - Line 8	\$677,862			
10							
11 Percent of Plant Additions Eligible for Bonus Depreciation			Tax Dept	100.00%			
12 Plant Additions Eligible for Bonus Depreciation			Line 9 * Line 11	\$677,862			
13 Bonus Depreciation Rate			Tax Dept	50%			
14 Bonus Depreciation			Line 12 * Line 13	\$338,931			
15							
16 Bonus Depreciation			Line 14	\$338,931			
17							
18 <u>Remaining Tax Depreciation (Federal)</u>							
19 Plant Additions			Line 2	\$876,243			
20 Less Capital Repairs Deduction			Line 4	\$198,381			
21 Less Bonus Depreciation			Line 16	\$338,931			
22 Additions Subject to 20 YR MACRS Tax Depreciation			Line 19 - Line 20 - Line 21	\$338,931	\$338,931	\$338,931	\$338,931
23 20 YR MACRS Tax Depreciation Rates			Tax Dept	3.750%	7.219%	6.677%	6.177%
24 Remaining Tax Depreciation			Line 22 * Line 23	\$12,710	\$24,467	\$22,630	\$20,936
25							\$10,892
26 <u>Remaining Tax Depreciation (State)</u>							
27 Plant Additions			Line 2	\$876,243			
28 Less Capital Repairs Deduction			Line 4	\$198,381			
29 Additions Subject to 20 YR MACRS Tax Depreciation			Line 27 - Line 28	\$677,862	\$677,862	\$677,862	\$677,862
30 20 YR MACRS Tax Depreciation Rates			Tax Dept	3.750%	7.219%	6.677%	6.177%
31 Remaining Tax Depreciation			Line 29 * Line 30	\$25,420	\$48,935	\$45,261	\$41,872
32							\$21,784
33 Federal Tax Depreciation			Sum of Lines 4, 16, and 24	\$550,022	\$24,467	\$22,630	\$20,936
34 State Tax Depreciation			Sum of Lines 4 and 31	\$223,801	\$48,935	\$45,261	\$41,872
				\$223,801	\$48,935	\$45,261	\$41,872

**Note:** Plant additions not subject to the capital repairs deduction may be subject to bonus depreciation. During 2008, Congress passed the Economic Stimulus Act of 2008 which established a 50% bonus depreciation deduction for certain eligible plant additions. Congress has passed further laws which have extended and changed the bonus depreciation rate at different periods of time. The bonus depreciation rates in effect since the start of the Company's REP/VMP program have been as follows:

Period	Rate
April 1, 2007 to December 31, 2007	0%
January 1, 2008 to September 7, 2010	50%
September 8, 2010 to December 31, 2011	100%
January 1, 2012 to December 31, 2013	50%

Liberty Utilities (Granite State Electric) Corp. d/b/a Liberty Utilities  
REP/VMP Revenue Requirement  
Calculation of REP Tax Depreciation 2011 - Per Tax Return  
Using Capital Repairs Tax Return Rate

	(a)	(b)	(c)	(d)	(e)	(f)	(g)
	<u>2008</u>	<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>	<u>CYS2013</u>
1 <u>Capital Repairs Deduction</u>							
2 Plant Additions			From Page 3 of 11, Line 1(d)	\$610,835			
3 Capital Repairs Deduction Rate			Tax Dept	30.03%			
4 Capital Repairs Deduction			Line 2 * Line 3	\$183,434			
5							
6 <u>Bonus Depreciation</u>							
7 Plant Additions			Line 2	\$610,835			
8 Less Capital Repairs Deduction			Line 4	\$183,434			
9 Plant Additions Net of Capital Repairs Deduction			Line 7 - Line 8	\$427,401			
10							
11 Percent of Plant Additions Eligible for Bonus Depreciation April 2010 - September 2010			Tax Dept	62.78%			
12 Plant Additions Eligible for Bonus Depreciation April 2010 - September 2010			Line 9 * Line 11	\$268,322			
13 Bonus Depreciation rate April 2010- September 2010			Tax Dept	50%			
14 Bonus Depreciation for April 2010 - September 2010			Line 12 * Line 13	\$134,161			
15							
16 Plant Additions Eligible for Bonus Depreciation for October 2010 - March 2010			Tax Dept	37.22%			
17 Plant Additions Eligible for Bonus Depreciation for October 2010 - March 2010			Line 9 * Line 16	\$159,079			
18 Bonus Depreciation rate October 2010 - March 2010			Tax Dept	100%			
19 Bonus Depreciation for October 2010 - March 2010			Line 17 * Line 18	\$159,079			
20							
21 Bonus Depreciation			Line 14 + Line 19	\$293,240			
22							
23 <u>Remaining Tax Depreciation (Federal)</u>							
24 Plant Additions			Line 2	\$610,835			
25 Less Capital Repairs Deduction			Line 4	\$183,434			
26 Less Bonus Depreciation			Line 21	\$293,240			
27 Additions Subject to 20 YR MACRS Tax Depreciation			Line 24 - Line 25 - Line 26	\$134,161	\$134,161	\$134,161	\$134,161
28 20 YR MACRS Tax Depreciation Rates			Tax Dept	3.750%	7.219%	6.677%	4.633%
29 Remaining Tax Depreciation			Line 27 * Line 28	\$5,031	\$9,685	\$8,958	\$4,662
30							
31 <u>Remaining Tax Depreciation (State)</u>							
32 Plant Additions			Line 2	\$610,835			
33 Less Capital Repairs Deduction			Line 4	\$183,434			
34 Additions Subject to 20 YR MACRS Tax Depreciation			Line 32 - Line 33	\$427,401	\$427,401	\$427,401	\$427,401
35 20 YR MACRS Tax Depreciation Rates			Tax Dept	3.750%	7.219%	6.677%	4.633%
36 Remaining Tax Depreciation			Line 34 * Line 35	\$16,028	\$30,854	\$28,538	\$14,850
37							
38 Federal Tax Depreciation			Sum of Lines 4, 21, and 29	\$481,705	\$9,685	\$8,958	\$4,662
39 State Tax Depreciation			Sum of Lines 4, and 36	\$199,462	\$30,854	\$28,538	\$14,850

**Note:** Plant additions not subject to the capital repairs deduction may be subject to bonus depreciation. During 2008, Congress passed the Economic Stimulus Act of 2008 which established a 50% bonus depreciation deduction for certain eligible plant additions. Congress has passed further laws which have extended and changed the bonus depreciation rate at different periods of time. The bonus depreciation rates in effect since the start of the Company's REP/VMP program have been as follows:

Period	Rate
April 1, 2007 to December 31, 2007	0%
January 1, 2008 to September 7, 2010	50%
September 8, 2010 to December 31, 2011	100%
January 1, 2012 to December 31, 2013	50%

Liberty Utilities (Granite State Electric) Corp. d/b/a Liberty Utilities  
REP/VMP Revenue Requirement  
Calculation of REP Tax Depreciation 2012 - Safe Harbor  
Using Capital Repairs Safe Harbor Rate

	(a) <u>2008</u>	(b) <u>2009</u>	(c) <u>2010</u>	(d) <u>2011</u>	(e) <u>2012</u>	(f) <u>2013</u>	(g) <u>CYS2013</u>
1 <u>Capital Repairs Deduction</u>							
2 Plant Additions				From Page 3 of 11, Line 1(e)	\$398,239		
3 Capital Repairs Deduction Rate				Tax Dept	31.00%		
4 Capital Repairs Deduction				Line 2 * Line 3	\$123,454		
5							
6 <u>Bonus Depreciation</u>							
7 Plant Additions				Line 2	\$398,239		
8 Less Capital Repairs Deduction				Line 4	\$123,454		
9 Plant Additions Net of Capital Repairs Deduction				Line 7 - Line 8	\$274,785		
10							
11 Percent of Plant Additions Eligible for Bonus Depreciation April 2011 - December, 2011				Tax Dept	72.52%		
12 Plant Additions Eligible for Bonus Depreciation April 2011 - December, 2011				Line 9 * Line 11	\$199,274		
13 Bonus Depreciation rate April 2011- December 2011				Tax Dept	100%		
14 Bonus Depreciation for April 2011 - December 2011				Line 12 * Line 13	\$199,274		
15							
16 Plant Additions Eligible for Bonus Depreciation for January 2012 - March 2012				Tax Dept	25.04%		
17 Plant Additions Eligible for Bonus Depreciation for January 2012 - March 2012				Line 9 * Line 16	\$68,806		
18 Bonus Depreciation rate January 2012 - March 2012				Tax Dept	50%		
19 Bonus Depreciation for January 2012 - March 2012				Line 17 * Line 18	\$34,403		
20							
21 Bonus Depreciation				Line 14 + Line 19	\$233,677		
22							
23 <u>Remaining Tax Depreciation (Federal)</u>							
24 Plant Additions				Line 2	\$398,239		
25 Less Capital Repairs Deduction				Line 4	\$123,454		
26 Less Bonus Depreciation				Line 21	\$233,677		
27 Additions Subject to 20 YR MACRS Tax Depreciation				Line 24 - Line 25 - Line 26	\$41,108	\$41,108	\$41,108
28 20 YR MACRS Tax Depreciation Rates				Tax Dept	3.750%	7.219%	5.008%
29 Remaining Tax Depreciation				Line 27 * Line 28	\$1,542	\$2,968	\$1,544
30							
31 <u>Remaining Tax Depreciation (State)</u>							
32 Plant Additions				Line 2	\$398,239		
33 Less Capital Repairs Deduction				Line 4	\$123,454		
34 Additions Subject to 20 YR MACRS Tax Depreciation				Line 32 - Line 33	\$274,785	\$274,785	\$274,785
35 20 YR MACRS Tax Depreciation Rates				Tax Dept	3.750%	7.219%	5.008%
36 Remaining Tax Depreciation				Line 34 * Line 35	\$10,304	\$19,837	\$10,320
37							
38 Federal Tax Depreciation				Sum of Lines 4, 21, and 29	\$358,673	\$2,968	\$1,544
39 State Tax Depreciation				Sum of Lines 4, and 36	\$133,758	\$19,837	\$10,320
40							
41							
42 FY 2012 Safe Harbor True Up (Federal)				From Page 11 of 11, Line 18(e)	\$18,656		
43 FY 2012 Tax Depreciation (Federal)				Line 38 + Line 42	\$377,329		
44 FY 2012 Safe Harbor True Up (State)				From Page 11 of 11, Line 40(e)	\$47,329		
45 FY 2012 Tax Depreciation (State)				Line 39 + Line 44	\$181,087		

**Note:** Plant additions not subject to the capital repairs deduction may be subject to bonus depreciation. During 2008, Congress passed the Economic Stimulus Act of 2008 which established a 50% bonus depreciation deduction for certain eligible plant additions. Congress has passed further laws which have extended and changed the bonus depreciation rate at different periods of time. The bonus depreciation rates in effect since the start of the Company's REP/VMP program have been as follows:

Period	Rate
April 1, 2007 to December 31, 2007	0%
January 1, 2008 to September 7, 2010	50%
September 8, 2010 to December 31, 2011	100%
January 1, 2012 to December 31, 2013	50%

Liberty Utilities (Granite State Electric) Corp. d/b/a Liberty Utilities  
REP/VMP Revenue Requirement  
Calculation of REP Tax Depreciation 2013 - Safe Harbor  
Using Capital Repairs Safe Harbor Rate

	(a)	(b)	(c)	(d)	(e)	(f)	(g)
	<u>2008</u>	<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>	<u>CYS2013</u>
1 <u>Capital Repairs Deduction</u>							
2 Plant Additions				From Page 3 of 11, Line 1(f)		\$545,916	
3 Capital Repairs Deduction Rate				Tax Dept		31.00%	
4 Capital Repairs Deduction				Line 2 * Line 3		\$169,234	
5							
6 <u>Bonus Depreciation</u>							
7 Plant Additions				Line 2		\$545,916	
8 Less Capital Repairs Deduction				Line 4		\$169,234	
9 Plant Additions Net of Capital Repairs Deduction				Line 7 - Line 8		\$376,682	
10							
11 Percent of Plant Additions Eligible for Bonus Depreciation April 2012 - December, 2012				Tax Dept		62.48%	
12 Plant Additions Eligible for Bonus Depreciation April 2012 - December, 2012				Line 9 * Line 11		\$235,332	
13 Bonus Depreciation rate April 2012- December 2012				Tax Dept		50%	
14 Bonus Depreciation for April 2012 - December 2012				Line 12 * Line 13		\$117,666	
15							
16 Plant Additions Eligible for Bonus Depreciation for January 2013 - March 2013				Tax Dept		20.83%	
17 Plant Additions Eligible for Bonus Depreciation for January 2013 - March 2013				Line 9 * Line 16		\$78,444	
18 Bonus Depreciation rate January 2013 - March 2013				Tax Dept		50%	
19 Bonus Depreciation for January 2013 - March 2013				Line 17 * Line 18		\$39,222	
20							
21 Bonus Depreciation				Line 14 + Line 19		\$156,888	
22							
23 <u>Remaining Tax Depreciation (Federal)</u>							
24 Plant Additions				Line 2		\$545,916	
25 Less Capital Repairs Deduction				Line 4		\$169,234	
26 Less Bonus Depreciation				Line 21		\$156,888	
27 Additions Subject to 20 YR MACRS Tax Depreciation				Line 24 - Line 25 - Line 26		\$219,794	\$219,794
28 20 YR MACRS Tax Depreciation Rates				Tax Dept		3.750%	5.414%
29 Remaining Tax Depreciation				Line 27 * Line 28		\$8,242	\$11,900
30							
31 <u>Remaining Tax Depreciation (State)</u>							
32 Plant Additions				Line 2		\$545,916	
33 Less Capital Repairs Deduction				Line 4		\$169,234	
34 Additions Subject to 20 YR MACRS Tax Depreciation				Line 32 - Line 33		\$376,682	\$376,682
35 20 YR MACRS Tax Depreciation Rates				Tax Dept		3.750%	5.414%
36 Remaining Tax Depreciation				Line 34 * Line 35		\$14,126	\$20,395
37							
38 Federal Tax Depreciation				Sum of Lines 4, 21, and 29		\$334,364	\$11,900
39 State Tax Depreciation				Sum of Lines 4, and 36		\$183,360	\$20,395
40							
41							
42 Effect of FY 2012 Safe Harbor True Up on FY 2013 Tax Depreciation (Federal)				From Page 11 of 11, Line 18(f)		(\$1,400)	
43 FY 2013 Tax Depreciation (Federal)				Line 38 + Line 42		\$332,964	
44 Effect of FY 2012 Safe Harbor True Up on FY 2013 Tax Depreciation (State)				From Page 11 of 11, Line 40(f)		(\$3,550)	
45 FY 2013 Tax Depreciation (State)				Line 39 + Line 44		\$179,810	

**Note:** Plant additions not subject to the capital repairs deduction may be subject to bonus depreciation. During 2008, Congress passed the Economic Stimulus Act of 2008 which established a 50% bonus depreciation deduction for certain eligible plant additions. Congress has passed further laws which have extended and changed the bonus depreciation rate at different periods of time. The bonus depreciation rates in effect since the start of the Company's REP/VMP program have been as follows:

Period	Rate
April 1, 2007 to December 31, 2007	0%
January 1, 2008 to September 7, 2010	50%
September 8, 2010 to December 31, 2011	100%
January 1, 2012 to December 31, 2013	50%

Liberty Utilities (Granite State Electric) Corp. d/b/a Liberty Utilities  
REP/VMP Revenue Requirement  
Calculation of REP Tax Depreciation CYS2013 - Safe Harbor  
Using Capital Repairs Safe Harbor Rate

	(a) <u>2008</u>	(b) <u>2009</u>	(c) <u>2010</u>	(d) <u>2011</u>	(e) <u>2012</u>	(f) <u>2013</u>	(g) <u>CYS2013</u>
1 <u>Capital Repairs Deduction</u>							
2 Plant Additions							\$416,755
3 Capital Repairs Deduction Rate							0.00%
4 Capital Repairs Deduction							<u>\$0</u>
5							
6 <u>Bonus Depreciation</u>							
7 Plant Additions							\$416,755
8 Less Capital Repairs Deduction							<u>\$0</u>
9 Plant Additions Net of Capital Repairs Deduction							\$416,755
10							
11 Plant Additions Eligible for Bonus Depreciation for April 2013 - December 2013							100.00%
12 Plant Additions Eligible for Bonus Depreciation for April 2013 - December 2013							\$416,755
13 Bonus Depreciation rate April 2013 - December 2013							50%
14 Bonus Depreciation for April 2013 - December 2013							<u>\$208,378</u>
15							
16 Bonus Depreciation							\$208,378
17							
18 <u>Remaining Tax Depreciation (Federal)</u>							
19 Plant Additions							\$416,755
20 Less Capital Repairs Deduction							<u>\$0</u>
21 Less Bonus Depreciation							\$208,378
22 Additions Subject to 20 YR MACRS Tax Depreciation							<u>\$208,378</u>
23 20 YR MACRS Tax Depreciation Rates							2.813%
24 Remaining Tax Depreciation							<u>\$4,395</u>
25							
26 <u>Remaining Tax Depreciation (State)</u>							
27 Plant Additions							\$416,755
28 Less Capital Repairs Deduction							<u>\$0</u>
29 Additions Subject to 20 YR MACRS Tax Depreciation							\$416,755
30 20 YR MACRS Tax Depreciation Rates							2.813%
31 Remaining Tax Depreciation							<u>\$8,791</u>
32							
33 Federal Tax Depreciation							<u>\$212,773</u>
34 State Tax Depreciation							<u>\$8,791</u>

**Note:** Plant additions not subject to the capital repairs deduction may be subject to bonus depreciation. During 2008, Congress passed the Economic Stimulus Act of 2008 which established a 50% bonus depreciation deduction for certain eligible plant additions. Congress has passed further laws which have extended and changed the bonus depreciation rate at different periods of time. The bonus depreciation rates in effect since the start of the Company's REP/VMP program have been as follows:

Period	Rate
April 1, 2007 to December 31, 2007	0%
January 1, 2008 to September 7, 2010	50%
September 8, 2010 to December 31, 2011	100%
January 1, 2012 to December 31, 2013	50%

**Liberty Utilities (Granite State Electric) Corp. d/b/a Liberty Utilities**  
**REP/VMP Revenue Requirement**  
**Calculation of REP Tax Depreciation 2014 - Safe Harbor**

	<u>(a)</u> <u>2008</u>	<u>(b)</u> <u>2009</u>	<u>(c)</u> <u>2010</u>	<u>(d)</u> <u>2011</u>	<u>(e)</u> <u>2012</u>	<u>(f)</u> <u>2013</u>	
<b>FEDERAL</b>							
1	Vintage Year Tax Depreciation As Calculated Per Capital Repairs Safe Harbor Rate:						
2	FY 2008 Spend	\$416,432	\$40,019	\$37,014	\$34,243	\$31,670	\$29,298
3	FY 2009 Spend		\$333,969	\$12,453	\$11,518	\$10,655	\$9,855
4	FY 2010 Spend			\$585,275	\$21,823	\$20,185	\$18,673
5	FY 2011 Spend				\$483,495	\$9,551	\$8,834
6	Annual Tax Depreciation Per Safe Harbor Rates	<u>\$416,432</u>	<u>\$373,988</u>	<u>\$634,742</u>	<u>\$551,078</u>	<u>\$72,062</u>	<u>\$66,660</u>
7							
8							
9							
10	Vintage Year Tax Depreciation As Calculated Per Tax Return:						
11	FY 2008 Spend	\$429,887	\$39,010	\$36,081	\$33,379	\$30,872	\$28,559
12	FY 2009 Spend		\$338,156	\$12,139	\$11,227	\$10,387	\$9,606
13	FY 2010 Spend			\$550,022	\$24,467	\$22,630	\$20,936
14	FY 2011 Spend				\$481,705	\$9,685	\$8,958
15	Annual Tax Depreciation Per Tax Return Rates	<u>\$429,887</u>	<u>\$377,166</u>	<u>\$598,242</u>	<u>\$550,778</u>	<u>\$73,573</u>	<u>\$68,059</u>
16							
17	Amount to Be Trued Up On FY 2012 Tax Return	<u>(\$13,455)</u>	<u>(\$3,178)</u>	<u>\$36,500</u>	<u>\$300</u>	<u>(\$1,512)</u>	
18	Total True Up for FY 2012 Tax Return				<u>\$18,656</u>		
19	Adjustment for FY 2013 Tax Return					<u>(\$1,400)</u>	
20							
21							
22	<b>STATE</b>						
23	Vintage Year Tax Depreciation As Calculated Per Capital Repairs Safe Harbor Rate:						
24	FY 2008 Spend	\$319,081	\$47,321	\$43,768	\$40,490	\$37,449	\$34,643
25	FY 2009 Spend		\$167,938	\$24,906	\$23,036	\$21,311	\$19,710
26	FY 2010 Spend			\$294,308	\$43,647	\$40,370	\$37,347
27	FY 2011 Spend				\$205,164	\$30,426	\$28,142
28	Annual Tax Depreciation Per Safe Harbor Rates	<u>\$319,081</u>	<u>\$215,259</u>	<u>\$362,981</u>	<u>\$312,337</u>	<u>\$129,555</u>	<u>\$119,842</u>
29							
30							
31							
32	Vintage Year Tax Depreciation As Calculated Per Tax Return:						
33	FY 2008 Spend	\$334,991	\$46,127	\$42,664	\$39,469	\$36,504	\$33,770
34	FY 2009 Spend		\$176,311	\$24,277	\$22,455	\$20,773	\$19,213
35	FY 2010 Spend			\$223,801	\$48,935	\$45,261	\$41,872
36	FY 2011 Spend				\$199,462	\$30,854	\$28,538
37	Annual Tax Depreciation Per Tax Return Rates	<u>\$334,991</u>	<u>\$222,438</u>	<u>\$290,742</u>	<u>\$310,320</u>	<u>\$133,393</u>	<u>\$123,391</u>
38							
39	Amount to Be Trued Up On FY 2012 Tax Return	<u>(\$15,910)</u>	<u>(\$7,179)</u>	<u>\$72,239</u>	<u>\$2,017</u>	<u>(\$3,837)</u>	
40	Total True Up for FY 2012 Tax Return				<u>\$47,329</u>		
41	Adjustment for FY 2013 Tax Return					<u>(\$3,550)</u>	

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Granite State Electric Company  
REP/VMP Rate Design  
Procedure for Adjusting Distribution Rates for Capital Investment Allowance  
Calculation of Percentage Adjustment to Distribution Rates  
Rates Effective June 1, 2014

(1) Increase in Annual Revenue Requirement	\$38,716
(2) Forecasted Base Distribution Revenue	\$28,659,042
(3) Percentage of Adjustment to Distribution Rates	0.14%

- (1) Schedule DBS-1, Page 1
- (2) Page 2, Forecasted Billing Units for the applicable period multiplied by current rates.
- (3) Line (1) ÷ Line (2)

Granite State Electric Company  
REP/VMP Rate Design  
Procedure for Adjusting Distribution Rates for Capital Investment Allowance  
Calculation of Percentage Adjustment to Distribution Rates  
Rates Effective June 1, 2014

Rate Class	Distribution Rate Component	Current	Forecasted	Forecasted
		Base Distribution Charges (a)	Units (b)	Revenue (c)
D	Customer Charge	\$5.53	418,974	\$2,316,925
	1st 250 kWh	\$0.02127	95,565,522	\$2,032,679
	Excess 250 kWh	\$0.05518	157,253,924	\$8,677,272
	Off Peak kWh	\$0.02034	31,359,225	\$637,847
	Farm kWh	\$0.03300	1,058,660	\$34,936
	D-6 kWh	\$0.02127	886,985	\$18,866
	Interruptible Credit IC-1	(\$6.15)	2,028	(\$12,472)
	Interruptible Credit IC-2	(\$8.23)	324	(\$2,667)
D-10	Customer Charge	\$9.50	4,765	\$45,264
	On Peak kWh	\$0.06223	1,784,318	\$111,038
	Off Peak kWh	(\$0.00015)		
G-1	Customer Charge	\$118.49	1,540	\$182,491
	Demand Charge	\$5.16	1,008,944	\$5,206,149
	On Peak kWh	\$0.00327	172,415,058	\$563,797
	Off Peak kWh	(\$0.00015)		
	Credit for High Voltage Delivery > 2.4 kv	(\$0.26)	398,230	(\$103,540)
	Credit for High Voltage Metering			(\$73,215)
	Optional Charge			\$27,381
G-2	Customer Charge	\$31.69	10,659	\$337,772
	Demand Charge	\$5.69	533,724	\$3,036,890
	All kWh	\$0.00101	157,316,603	\$158,890
	Credit for High Voltage Delivery > 2.4 kv	(\$0.26)	534	(\$139)
	Credit for High Voltage Metering			(\$707)
		Optional Charge		
G-3	Customer Charge	\$7.00	67,402	\$471,811
	All kWh	\$0.03978	93,612,010	\$3,723,886
	Minimum Charge > 25 kVA	\$1.62		
M	Luminaire Charge			
	<u>Description</u>			
	LUM INC RWY 103W	\$86.33	26	\$2,245
	LUM MV RWY 100W	\$62.48	86	\$5,373
	LUM MV RWY 175W	\$75.97	159	\$12,079
	LUM MV RWY 400W	\$143.70	52	\$7,472
	LUM MV RWY 1000W	\$272.65	1	\$273
	LUM MV FLD 400W	\$158.92	25	\$3,973
	LUM MV FLD 1000W	\$274.43	1	\$274
	LUM HPS RWY 50W	\$64.67	2463	\$159,282
	LUM HPS RWY 100W	\$78.40	1846	\$144,726
	LUM HPS RWY 250W	\$137.67	578	\$79,573
	LUM HPS RWY 400W	\$179.39	249	\$44,668
	LUM HPS FLD 250W	\$138.90	304	\$42,226
	LUM HPS FLD 400W	\$191.75	460	\$88,205
	LUM HPS POST 100W	\$90.30	409	\$36,933
	Pole and Accessory Charge			
	<u>Description</u>			
	POLE - WOOD	\$76.20	131	\$9,982
	POLE FIBER PT <25FT	\$78.91	283	\$22,332
	POLE FIBER RWY <25FT	\$133.84	117	\$15,659
POLE FIBER RWY =>25	\$223.61	0	\$0	
POLE METAL EMBEDDED	\$159.59	96	\$15,321	
POLE METAL =>25FT	\$192.31	115	\$22,116	
All kWh	\$0.00001			
T	Customer Charge	\$7.16	12,994	\$93,037
	All kWh	\$0.02619	17,678,701	\$463,005
	Interruptible Credit IC-1	(\$6.15)	2,784	(\$17,122)
	Interruptible Credit IC-2	(\$8.23)	72	(\$593)
V	Minimum Charge	\$7.47	228	\$1,703
	All kWh	\$0.03676	287,017	\$10,551
				\$28,659,042

(a) Per currently effective tariffs  
(b) Company Forecast  
(c) Column (a) x Column (b)

Granite State Electric Company  
Rate Settlement  
Calculation of Reliability Enhancement Program and Vegetation Management Plan Adjustment Factor  
Rates Effective June 1, 2014

(1) O&M Expense Below Base O&M Expense	(\$275,840)
(2) Final Balance of Reconciliation of Recovery of FY 2012 Incremental O&M Expense Below Base O&M Expense	<u>(\$5,767)</u>
(3) Reliability Enhancement Program and Vegetation Management Plan Expense	(\$281,607)
(4) Estimated Interest During Recovery Period	<u>(\$8,394)</u>
(5) Reliability Enhancement Program and Vegetation Management Plan Expense, Including Interest	(\$290,001)
(6) Estimated kWh deliveries	951,896,104
(7) Reliability Enhancement Program and Vegetation Management Plan Adjustment Factor	(\$0.00030)

- (1) Schedule DBS-1, Page 1
- (2) Schedule DBS-3, Page 1
- (3) Line (1) + Line (2)
- (4) Page 4
- (5) Line (3) + Line (5)
- (6) Per Company forecast
- (7) Line (5) ÷ Line (6), truncated after 5 decimal places

Granite State Electric Company  
Calculation of Interest on CYS 2013 Incremental O&M Expense Below Base O&M Expense

	Beginning Balance With Interest (a)	Estimated Recovery (b)	Ending Balance (c)	Balance Subject to Interest (d)	Effective Interest Rate (e)	Interest (f)	Cumulative Interest (g)
January 2014	\$281,607		\$281,607	\$281,607	3.25%	\$752	\$752
February	\$282,359		\$282,359	\$282,359	3.25%	\$754	\$1,505
March	\$283,113		\$283,113	\$283,113	3.25%	\$756	\$2,261
April	\$283,868		\$283,868	\$283,868	3.25%	\$758	\$3,018
May	\$284,626		\$284,626	\$284,626	3.25%	\$760	\$3,778
June	\$285,385	(\$23,782)	\$261,603	\$273,494	3.25%	\$730	\$4,508
July	\$262,333	(\$23,848)	\$238,485	\$250,409	3.25%	\$668	\$5,176
August	\$239,153	(\$23,915)	\$215,238	\$227,195	3.25%	\$606	\$5,782
September	\$215,844	(\$23,983)	\$191,861	\$203,853	3.25%	\$544	\$6,326
October	\$192,405	(\$24,051)	\$168,355	\$180,380	3.25%	\$481	\$6,808
November	\$168,836	(\$24,119)	\$144,717	\$156,776	3.25%	\$418	\$7,226
December	\$145,135	(\$24,189)	\$120,946	\$133,040	3.25%	\$355	\$7,581
January 2015	\$121,301	(\$24,260)	\$97,041	\$109,171	3.25%	\$291	\$7,873
February	\$97,332	(\$24,333)	\$72,999	\$85,166	3.25%	\$227	\$8,100
March	\$73,226	(\$24,409)	\$48,818	\$61,022	3.25%	\$163	\$8,263
April	\$48,980	(\$24,490)	\$24,490	\$36,735	3.25%	\$98	\$8,361
May	\$24,588	(\$24,588)	\$0	\$12,294	3.25%	\$33	\$8,394

- (a) January 2014 per Page 3, Line (3); all other months = prior month Column (c) + prior month Column (f)
- (b) Column (a) ÷ number of remaining months in recovery period
- (c) Column (a) + Column (b)
- (d) Average of Column (a) and Column (c)
- (e) Interest rate on customer deposits
- (f) Column (d) x [ (1 + Column (e)) ^ (1 ÷ 12) - 1 ]
- (g) Prior month Column (g) + Current month Column (f)

Granite State Electric Company  
REP/VMP Rate Design  
Procedure for Adjusting Distribution Rates for Capital Investment Allowance & Incremental O&M Expense  
Rates Effective June 1, 2014

Rate Class	Distribution Rate Component	Current Base Distribution Charges (a)	Proposed Distribution % Increase/Decrease (b)	Proposed Base Distribution Charges (c)	Current Business Profits Surcharge (d)	Current Default Service Cost Reclassification Distribution Credit (e)	GreenUp Service Recovery Adjustment Factor (f)	Proposed REP & VMP Operations & Maintenance Adjustment Factor (g)	Proposed Total Distribution Charges (h)
D	Customer Charge	\$5.53	0.14%	\$5.53					\$5.53
	1st 250 kWh	\$0.02127	0.14%	\$0.02129	\$0.00057	(\$0.00017)	\$0.00000	(\$0.00030)	\$0.02139
	Excess 250 kWh	\$0.05518	0.14%	\$0.05525	\$0.00057	(\$0.00017)	\$0.00000	(\$0.00030)	\$0.05535
	Off Peak kWh	\$0.02034	0.14%	\$0.02036	\$0.00057	(\$0.00017)	\$0.00000	(\$0.00030)	\$0.02046
	Farm kWh	\$0.03300	0.14%	\$0.03304	\$0.00057	(\$0.00017)	\$0.00000	(\$0.00030)	\$0.03314
	D-6 kWh	\$0.02127	0.14%	\$0.02129	\$0.00057	(\$0.00017)	\$0.00000	(\$0.00030)	\$0.02139
	Interruptible Credit IC-1	(\$6.15)	0.14%	(\$6.15)					(\$6.15)
	Interruptible Credit IC-2	(\$8.23)	0.14%	(\$8.24)					(\$8.24)
D-10	Customer Charge	\$9.50	0.14%	\$9.51					\$9.51
	On Peak kWh	\$0.06223	0.14%	\$0.06231	\$0.00057	(\$0.00008)	\$0.00000	(\$0.00030)	\$0.06250
	Off Peak kWh	(\$0.00015)	0.14%	(\$0.00015)	\$0.00057	(\$0.00008)	\$0.00000	(\$0.00030)	\$0.00004
	Schedule DBS-1, Page 1								
G-1	Customer Charge	\$118.49	0.14%	\$118.65					\$118.65
	Demand Charge	\$5.16	0.14%	\$5.16					\$5.16
	On Peak kWh	\$0.00327	0.14%	\$0.00327	\$0.00057	\$0.00000	\$0.00000	(\$0.00030)	\$0.00354
	Off Peak kWh	(\$0.00015)	0.14%	(\$0.00015)	\$0.00057	\$0.00000	\$0.00000	(\$0.00030)	\$0.00012
	Credit for High Voltage Delivery > 2.4 kv	(\$0.26)	0.14%	(\$0.26)					(\$0.26)
G-2	Customer Charge	\$31.69	0.14%	\$31.73					\$31.73
	Demand Charge	\$5.69	0.14%	\$5.69					\$5.69
	All kWh	\$0.00101	0.14%	\$0.00101	\$0.00057	\$0.00000	\$0.00000	(\$0.00030)	\$0.00128
	Credit for High Voltage Delivery > 2.4 kv	(\$0.26)	0.14%	(\$0.26)					(\$0.26)
G-3	Customer Charge	\$7.00	0.14%	\$7.00					\$7.00
	All kWh	\$0.03978	0.14%	\$0.03983	\$0.00057	(\$0.00017)	\$0.00000	(\$0.00030)	\$0.03993
	Minimum Charge > 25 kVA	\$1.62	0.14%	\$1.62					\$1.62
M	Luminaire Charge								
	<u>Description</u>								
	LUM INC RWY 103W	\$86.33	0.14%	\$86.45					\$86.45
	LUM MV RWY 100W	\$62.48	0.14%	\$62.56					\$62.56
	LUM MV RWY 175W	\$75.97	0.14%	\$76.07					\$76.07
	LUM MV RWY 400W	\$143.70	0.14%	\$143.90					\$143.90
	LUM MV RWY 1000W	\$272.65	0.14%	\$273.03					\$273.03
	LUM MV FLD 400W	\$158.92	0.14%	\$159.14					\$159.14
	LUM MV FLD 1000W	\$274.43	0.14%	\$274.81					\$274.81
	LUM HPS RWY 50W	\$64.67	0.14%	\$64.76					\$64.76
	LUM HPS RWY 100W	\$78.40	0.14%	\$78.50					\$78.50
	LUM HPS RWY 250W	\$137.67	0.14%	\$137.86					\$137.86
	LUM HPS RWY 400W	\$179.39	0.14%	\$179.64					\$179.64
	LUM HPS FLD 250W	\$138.90	0.14%	\$139.09					\$139.09
	LUM HPS FLD 400W	\$191.75	0.14%	\$192.01					\$192.01
	LUM HPS POST 100W	\$90.30	0.14%	\$90.42					\$90.42
	Pole and Accessory Charge								
	<u>Description</u>								
	POLE - WOOD	\$76.20	0.14%	\$76.30					\$76.30
	POLE FIBER PT <25FT	\$78.91	0.14%	\$79.02					\$79.02
	POLE FIBER RWY <25FT	\$133.84	0.14%	\$134.02					\$134.02
	POLE FIBER RWY =>25	\$223.61	0.14%	\$223.92					\$223.92
	POLE METAL EMBEDDED	\$159.59	0.14%	\$159.81					\$159.81
	POLE METAL =>25FT	\$192.31	0.14%	\$192.57					\$192.57
	All kWh	\$0.00001	0.14%	\$0.00001	\$0.00057	\$0.00000	\$0.00000	(\$0.00030)	\$0.00028
T	Customer Charge	\$7.16	0.14%	\$7.17					\$7.17
	All kWh	\$0.02619	0.14%	\$0.02622	\$0.00057	(\$0.00007)	\$0.00000	(\$0.00030)	\$0.02642
	Interruptible Credit IC-1	(\$6.15)	0.14%	(\$6.15)					(\$6.15)
	Interruptible Credit IC-2	(\$8.23)	0.14%	(\$8.24)					(\$8.24)
V	Minimum Charge	\$7.47	0.14%	\$7.48					\$7.48
	All kWh	\$0.03676	0.14%	\$0.03681	\$0.00057	(\$0.00009)	\$0.00000	(\$0.00030)	\$0.03699

(a) Per currently effective tariffs  
(b) Page 1, Line (3)  
(c) Column (a) x (1+Column (b))  
(d) Distribution Energy Charges include a Business Profits Tax Surcharge of \$0.00057 per kWh for usage on and after 8/1/01  
(e) Per Default Service Cost Reclassification Adjustment Provision  
(f) Distribution Energy Charges include a Greenup Service Recovery Adjustment Factor of \$0.00000 for usage on and after 1/1/14  
(g) Page 3, Line (7)  
(h) Column (c) + Column (d) + Column (e) + Column (f)

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Granite State Electric Company  
Reconciliation of Refund of FY 2012 O&M Expense Below Base O&M Expense

	Beginning Balance With Interest (a)	Refund (b)	Adjustment (c)	Ending Balance (d)	Balance Subject to Interest (e)	Effective Interest Rate (f)	Interest (g)	Cumulative Interest (h)
April 2012	\$339,699			\$339,699	\$339,699	3.25%	\$907	\$907
May	\$340,606			\$340,606	\$340,606	3.25%	\$909	\$1,816
June	\$341,515			\$341,515	\$341,515	3.25%	\$911	\$2,727
July	\$342,426	(\$19,646)		\$322,781	\$332,603	3.25%	\$888	\$3,615
August	\$323,668	(\$37,483)		\$286,185	\$304,927	3.25%	\$814	\$4,428
September	\$286,999	(\$31,732)		\$255,267	\$271,133	3.25%	\$724	\$5,152
October	\$255,990	(\$24,460)		\$231,530	\$243,760	3.25%	\$651	\$5,803
November	\$232,181	(\$26,269)		\$205,912	\$219,046	3.25%	\$585	\$6,387
December	\$206,496	(\$27,632)		\$178,865	\$192,681	3.25%	\$514	\$6,901
January 2013	\$179,379	(\$29,794)		\$149,585	\$164,482	3.25%	\$439	\$7,340
February	\$150,024	(\$30,085)		\$119,939	\$134,981	3.25%	\$360	\$7,701
March	\$120,299	(\$26,616)		\$93,683	\$106,991	3.25%	\$286	\$7,986
April	\$93,969	(\$26,852)		\$67,117	\$80,543	3.25%	\$215	\$8,201
May	\$67,332	(\$27,147)		\$40,185	\$53,759	3.25%	\$143	\$8,345
June	\$40,329	(\$26,178)		\$14,150	\$27,240	3.25%	\$73	\$8,417
July	\$14,223	(\$8,559)		\$5,664	\$9,944	3.25%	\$27	\$8,444
August	\$5,691			\$5,691	\$5,691	3.25%	\$15	\$8,459
September	\$5,706			\$5,706	\$5,706	3.25%	\$15	\$8,474
October	\$5,721			\$5,721	\$5,721	3.25%	\$15	\$8,490
November	\$5,737			\$5,737	\$5,737	3.25%	\$15	\$8,505
December	\$5,752			\$5,752	\$5,752	3.25%	\$15	\$8,520
January 2014	\$5,767							

(\$342,452)

- (a) Schedule WRR-2, page 3, Docket DE 12-130
- (b) Company Billing Reports
- (c) Page 1
- (d) Column (a) + Column (b)
- (e) Average of Column (a) and Column (d)
- (f) Interest rate on customer deposits
- (g)  $\text{Column (e)} \times [ (1 + \text{Column (f)})^{(1 \div 12)} - 1 ]$
- (h) Prior month Column (h) + Current month Column (g)



Liberty Utilities (Granite State Electric) Corp. d/b/a Liberty Utilities  
Proposed June 1, 2014 Rates  
Calculation of Monthly Typical Bill  
Impact on Rate D Default Service Customers  
Without Water Heater Control  
0% Off-Peak

kWh Split  
On-Peak 100.00%  
Off-Peak 0.00%

/----- (1) -----/ /----- (2) -----/ (1) vs (2)

Monthly kWh	On-Peak kWh	Off-Peak kWh	Present Rates			Proposed Rates			Overall Increase (Decrease)	
			Total	Default Service	Retail Delivery	Total	Default Service	Retail Delivery	Amount	%
200	200	0	\$33.46	\$17.80	\$15.66	\$33.43	\$17.80	\$15.63	(\$0.03)	-0.1%
350	350	0	\$57.81	\$31.15	\$26.66	\$57.56	\$31.15	\$26.41	(\$0.25)	-0.4%
<b>500</b>	<b>500</b>	<b>0</b>	<b>\$83.85</b>	<b>\$44.50</b>	<b>\$39.35</b>	<b>\$83.28</b>	<b>\$44.50</b>	<b>\$38.78</b>	<b>(\$0.57)</b>	<b>-0.7%</b>
<b>679</b>	<b>679</b>	<b>0</b>	<b>\$114.89</b>	<b>\$60.42</b>	<b>\$54.47</b>	<b>\$113.94</b>	<b>\$60.42</b>	<b>\$53.52</b>	<b>(\$0.95)</b>	<b>-0.8%</b>
750	750	0	\$127.23	\$66.74	\$60.49	\$126.13	\$66.74	\$59.39	(\$1.10)	-0.9%
1,000	1,000	0	\$170.62	\$88.99	\$81.63	\$168.98	\$88.99	\$79.99	(\$1.64)	-1.0%

	<u>Present Rates</u>	<u>Proposed Rates</u>
Customer Charge	\$5.53	\$5.53
Distribution Charge		
1st 250 kWh	kWh x \$0.02157	\$0.02139
excess of 250 kWh	kWh x \$0.05548	\$0.05335
Off Peak kWh	kWh x \$0.02064	\$0.02046
Storm Adjustment Factor	kWh x \$0.00329	\$0.00329
Transmission Charge	kWh x \$0.02116	\$0.02116
Stranded Cost Charge	kWh x \$0.00080	\$0.00080
System Benefits Charge	kWh x \$0.00330	\$0.00330
Electricity Consumption Tax	kWh x \$0.00055	\$0.00055

Supplier Services

Default Service	kWh x \$0.08899	\$0.08899
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Liberty Utilities (Granite State Electric) Corp. d/b/a Liberty Utilities  
Proposed June 1, 2014 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 Increase (Decrease)	
			Total	Default Service	Retail Delivery	Total	Default Service	Retail Delivery	Amount	%
200	160	40	\$27.28	\$17.80	\$9.48	\$27.24	\$17.80	\$9.44	(\$0.04)	-0.1%
350	280	70	\$49.21	\$31.15	\$18.06	\$49.10	\$31.15	\$17.95	(\$0.11)	-0.2%
500	400	100	\$74.21	\$44.50	\$29.71	\$73.84	\$44.50	\$29.34	(\$0.37)	-0.5%
750	600	150	\$115.86	\$66.74	\$49.12	\$115.04	\$66.74	\$48.30	(\$0.82)	-0.7%
1,000	800	200	\$157.50	\$88.99	\$68.51	\$156.25	\$88.99	\$67.26	(\$1.25)	-0.8%

Present Rates

Proposed Rates

Customer Charge		\$5.53	\$5.53
Distribution Charge			
1st 250 kWh	kWh x	\$0.02157	\$0.02139
excess of 250 kWh	kWh x	\$0.05548	\$0.05335
Off Peak kWh	kWh x	\$0.02064	\$0.02046
Storm Adjustment Factor	kWh x	\$0.00329	\$0.00329
Transmission Charge	kWh x	\$0.02116	\$0.02116
Stranded Cost Charge	kWh x	\$0.00080	\$0.00080
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	\$0.08899	\$0.08899
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Liberty Utilities (Granite State Electric) Corp. d/b/a Liberty Utilities  
Proposed June 1, 2014 Rates  
Calculation of Monthly Typical Bill  
Impact on Rate D Default Service Customers  
With 16 Hour Water Heater Control

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 Increase (Decrease)	
			Total	Default Service	Retail Delivery	Total	Default Service	Retail Delivery	Amount	%
200	120	80	\$25.16	\$17.80	\$7.36	\$25.12	\$17.80	\$7.32	(\$0.04)	-0.2%
350	210	140	\$46.06	\$31.15	\$14.91	\$45.98	\$31.15	\$14.83	(\$0.08)	-0.2%
500	300	200	\$68.65	\$44.50	\$24.15	\$68.46	\$44.50	\$23.96	(\$0.19)	-0.3%
750	450	300	\$108.55	\$66.74	\$41.81	\$108.02	\$66.74	\$41.28	(\$0.53)	-0.5%
1,000	600	400	\$148.46	\$88.99	\$59.47	\$147.58	\$88.99	\$58.59	(\$0.88)	-0.6%

Present Rates

Proposed Rates

Customer Charge		\$5.53	\$5.53
Distribution Charge			
1st 250 kWh	kWh x	\$0.02157	\$0.02139
excess of 250 kWh	kWh x	\$0.05548	\$0.05335
Off Peak kWh	kWh x	\$0.02064	\$0.02046
Storm Adjustment Factor	kWh x	\$0.00329	\$0.00329
Transmission Charge	kWh x	\$0.02116	\$0.02116
Stranded Cost Charge	kWh x	\$0.00080	\$0.00080
System Benefits Charge	kWh x	\$0.00330	\$0.00330
Electricity Consumption Tax	kWh x	\$0.00055	\$0.00055
Interruptible Credit #2		(\$8.23)	(\$8.24)

Supplier Services

Default Service	kWh x	\$0.08899	\$0.08899
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Liberty Utilities (Granite State Electric) Corp. d/b/a Liberty Utilities  
Proposed June 1, 2014 Rates  
Calculation of Monthly Typical Bill  
Impact on Rate D-10 Default Service Customers

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 Increase (Decrease)	
			Total	Default Service	Retail Delivery	Total	Default Service	Retail Delivery	Amount	%
700	560	140	\$129.71	\$62.29	\$67.42	\$129.58	\$62.29	\$67.29	(\$0.13)	-0.1%
1,000	800	200	\$181.24	\$88.99	\$92.25	\$181.03	\$88.99	\$92.04	(\$0.21)	-0.1%
1,300	1,040	260	\$232.76	\$115.69	\$117.07	\$232.49	\$115.69	\$116.80	(\$0.27)	-0.1%
1,600	1,280	320	\$284.27	\$142.38	\$141.89	\$283.93	\$142.38	\$141.55	(\$0.34)	-0.1%
1,900	1,520	380	\$335.79	\$169.08	\$166.71	\$335.40	\$169.08	\$166.32	(\$0.39)	-0.1%

	<u>Present Rates</u>	<u>Proposed Rates</u>
Customer Charge	\$9.50	\$9.51
Distribution Charge		
On Peak kWh	kWh x \$0.06272	\$0.06250
Off Peak kWh	kWh x \$0.00024	\$0.00004
Storm Adjustment Factor	kWh x \$0.00329	\$0.00329
Transmission Charge	kWh x \$0.02458	\$0.02458
Stranded Cost Charge	kWh x \$0.00080	\$0.00080
System Benefits Charge	kWh x \$0.00330	\$0.00330
Electricity Consumption Tax	kWh x \$0.00055	\$0.00055

Supplier Services

Default Service	kWh x \$0.08899	\$0.08899
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Liberty Utilities (Granite State Electric) Corp. d/b/a Liberty Utilities  
Proposed June 1, 2014 Rates  
Calculation of Monthly Typical Bill  
Impact on Rate D-10 Default Service Customers

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kWh Split  
On-Peak 70.00%  
Off-Peak 30.00%

/----- (1) -----/ /----- (2) -----/ (1) vs (2)

Monthly KWh	On-Peak kWh	Off-Peak kWh	Present Rates			Proposed Rates			Overall Increase (Decrease)	
			Total	Default Service	Retail Delivery	Total	Default Service	Retail Delivery	Amount	%
700	490	210	\$125.34	\$62.29	\$63.05	\$125.21	\$62.29	\$62.92	(\$0.13)	-0.1%
1,000	700	300	\$174.98	\$88.99	\$85.99	\$174.78	\$88.99	\$85.79	(\$0.20)	-0.1%
1,300	910	390	\$224.64	\$115.69	\$108.95	\$224.38	\$115.69	\$108.69	(\$0.26)	-0.1%
1,600	1,120	480	\$274.28	\$142.38	\$131.90	\$273.94	\$142.38	\$131.56	(\$0.34)	-0.1%
1,900	1,330	570	\$323.93	\$169.08	\$154.85	\$323.53	\$169.08	\$154.45	(\$0.40)	-0.1%

	<u>Present Rates</u>	<u>Proposed Rates</u>
Customer Charge	\$9.50	\$9.51
Distribution Charge		
On Peak kWh	kWh x \$0.06272	\$0.06250
Off Peak kWh	kWh x \$0.00024	\$0.00004
Storm Adjustment Factor	kWh x \$0.00329	\$0.00329
Transmission Charge	kWh x \$0.02458	\$0.02458
Stranded Cost Charge	kWh x \$0.00080	\$0.00080
System Benefits Charge	kWh x \$0.00330	\$0.00330
Electricity Consumption Tax	kWh x \$0.00055	\$0.00055

Supplier Services

Default Service	kWh x \$0.08899	\$0.08899
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Liberty Utilities (Granite State Electric) Corp. d/b/a Liberty Utilities  
Proposed June 1, 2014 Rates  
Calculation of Monthly Typical Bill  
Impact on Rate D-10 Default Service Customers

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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 Increase (Decrease)	
			Total	Default Service	Retail Delivery	Total	Default Service	Retail Delivery	Amount	%
700	420	280	\$120.97	\$62.29	\$58.68	\$120.83	\$62.29	\$58.54	(\$0.14)	-0.1%
1,000	600	400	\$168.74	\$88.99	\$79.75	\$168.54	\$88.99	\$79.55	(\$0.20)	-0.1%
1,300	780	520	\$216.51	\$115.69	\$100.82	\$216.25	\$115.69	\$100.56	(\$0.26)	-0.1%
1,600	960	640	\$264.27	\$142.38	\$121.89	\$263.95	\$142.38	\$121.57	(\$0.32)	-0.1%
1,900	1,140	760	\$312.05	\$169.08	\$142.97	\$311.66	\$169.08	\$142.58	(\$0.39)	-0.1%

	<u>Present Rates</u>	<u>Proposed Rates</u>
Customer Charge	\$9.50	\$9.51
Distribution Charge		
On Peak kWh	kWh x \$0.06272	\$0.06250
Off Peak kWh	kWh x \$0.00024	\$0.00004
Storm Adjustment Factor	kWh x \$0.00329	\$0.00329
Transmission Charge	kWh x \$0.02458	\$0.02458
Stranded Cost Charge	kWh x \$0.00080	\$0.00080
System Benefits Charge	kWh x \$0.00330	\$0.00330
Electricity Consumption Tax	kWh x \$0.00055	\$0.00055

Supplier Services

Default Service	kWh x \$0.08899	\$0.08899
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Liberty Utilities (Granite State Electric) Corp. d/b/a Liberty Utilities  
Proposed June 1, 2014 Rates  
Calculation of Monthly Typical Bill  
Impact on Rate G-3 Default Service Customers

Hours Use

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	\$101.85	\$53.39	\$48.46	\$101.76	\$53.39	\$48.37	(\$0.09)	-0.1%
800	\$133.46	\$71.19	\$62.27	\$133.34	\$71.19	\$62.15	(\$0.12)	-0.1%
1,200	\$196.72	\$106.79	\$89.93	\$196.54	\$106.79	\$89.75	(\$0.18)	-0.1%
1,500	\$244.15	\$133.49	\$110.66	\$243.93	\$133.49	\$110.44	(\$0.22)	-0.1%
2,000	\$323.18	\$177.98	\$145.20	\$322.88	\$177.98	\$144.90	(\$0.30)	-0.1%

		<u>Present Rates</u>		<u>Proposed Rates</u>
Customer Charge		\$7.00		\$7.00
Distribution Charge	kWh x	\$0.04008		\$0.03993
Storm Adjustment Factor	kWh x	\$0.00329		\$0.00329
Transmission Charge	kWh x	\$0.02108		\$0.02108
Stranded Cost Charge	kWh x	\$0.00080		\$0.00080
System Benefits Charge	kWh x	\$0.00330		\$0.00330
Electricity Consumption Tax	kWh x	\$0.00055		\$0.00055

Supplier Services

Default Service	kWh x	\$0.08899		\$0.08899
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Liberty Utilities (Granite State Electric) Corp. d/b/a Liberty Utilities  
Proposed June 1, 2014 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	\$96.41	\$53.39	\$43.02	\$96.31	\$53.39	\$42.92	(\$0.10)	-0.1%
800	\$126.17	\$71.19	\$54.98	\$126.04	\$71.19	\$54.85	(\$0.13)	-0.1%
1,200	\$185.69	\$106.79	\$78.90	\$185.48	\$106.79	\$78.69	(\$0.21)	-0.1%
1,500	\$230.34	\$133.49	\$96.85	\$230.08	\$133.49	\$96.59	(\$0.26)	-0.1%
2,000	\$304.70	\$177.98	\$126.72	\$304.36	\$177.98	\$126.38	(\$0.34)	-0.1%

	<u>Present Rates</u>	<u>Proposed Rates</u>
Customer Charge	\$7.16	\$7.16
Distribution Charge kWh x	\$0.02659	\$0.02642
Storm Adjustment Factor kWh x	\$0.00329	\$0.00329
Transmission Charge kWh x	\$0.02525	\$0.02525
Stranded Cost Charge kWh x	\$0.00080	\$0.00080
System Benefits Charge kWh x	\$0.00330	\$0.00330
Electricity Consumption Tax kWh x	\$0.00055	\$0.00055

Supplier Services

980	Default Service kWh x	\$0.08899	\$0.08899
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Liberty Utilities (Granite State Electric) Corp. d/b/a Liberty Utilities  
Proposed June 1, 2014 Rates  
Calculation of Monthly Typical Bill  
Impact on Rate V Default Service Customers

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Page 9 of 16

Monthly kWh	(1) -----/			-----/ /-----/			(2) -----/		(1) vs (2)	
	Total	Present Rates Default Service	Retail Delivery	Total	Proposed Rates Default Service	Retail Delivery	Amount	%		
600	\$97.63	\$53.39	\$44.24	\$97.54	\$53.39	\$44.15	(\$0.09)	-0.1%		
800	\$130.19	\$71.19	\$59.00	\$130.07	\$71.19	\$58.88	(\$0.12)	-0.1%		
1,200	\$195.29	\$106.79	\$88.50	\$195.11	\$106.79	\$88.32	(\$0.18)	-0.1%		
1,500	\$244.13	\$133.49	\$110.64	\$243.91	\$133.49	\$110.42	(\$0.22)	-0.1%		
2,000	\$325.48	\$177.98	\$147.50	\$325.18	\$177.98	\$147.20	(\$0.30)	-0.1%		

	<u>Present Rates</u>	<u>Proposed Rates</u>
Minimum Charge	\$7.47	\$7.47
Distribution Charge	kWh x \$0.03714	\$0.03699
Storm Adjustment Factor	kWh x \$0.00329	\$0.00329
Transmission Charge	kWh x \$0.02867	\$0.02867
Stranded Cost Charge	kWh x \$0.00080	\$0.00080
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 \$0.08899	\$0.08899

Liberty Utilities (Granite State Electric) Corp. d/b/a Liberty Utilities  
Proposed June 1, 2014 Rates  
Calculation of Monthly Typical Bill  
Impact on Rate G-1 Default Service Customers

Hours Use	kWh Split											
	250 On-Peak	60.00%										
	Off-Peak	40.00%										
			/----- (1) -----/			/----- (2) -----/			(1) vs (2)			
kW	Monthly kWh	On-Peak kWh	Off-Peak kWh	Present Rates			Proposed Rates			Overall Increase (Decrease)		
				Total	Default Service	Retail Delivery	Total	Default Service	Retail Delivery	Amount	%	
200	50,000	30,000	20,000	\$6,890.09	\$4,362.00	\$2,528.09	\$6,880.24	\$4,362.00	\$2,518.24	(\$9.85)	-0.1%	
300	75,000	45,000	30,000	\$10,275.89	\$6,543.00	\$3,732.89	\$10,261.04	\$6,543.00	\$3,718.04	(\$14.85)	-0.1%	
400	100,000	60,000	40,000	\$13,661.69	\$8,724.00	\$4,937.69	\$13,641.84	\$8,724.00	\$4,917.84	(\$19.85)	-0.1%	
500	125,000	75,000	50,000	\$17,047.49	\$10,905.00	\$6,142.49	\$17,022.64	\$10,905.00	\$6,117.64	(\$24.85)	-0.1%	
1,000	250,000	150,000	100,000	\$33,976.49	\$21,810.00	\$12,166.49	\$33,926.64	\$21,810.00	\$12,116.64	(\$49.85)	-0.1%	

	<u>Present Rates</u>	<u>Proposed Rates</u>
Customer Charge	\$118.49	\$118.64
Distribution Charge		
On Peak kWh	kWh x \$0.00374	\$0.00354
Off Peak kWh	kWh x \$0.00032	\$0.00012
Distribution Demand Charge	kW x \$5.16	\$5.16
Storm Adjustment Factor	kWh x \$0.00329	\$0.00329
Transmission Charge	kWh x \$0.01724	\$0.01724
Stranded Cost Charge	kWh x \$0.00080	\$0.00080
System Benefits Charge	kWh x \$0.00330	\$0.00330
Electricity Consumption Tax	kWh x \$0.00055	\$0.00055

Supplier Services

880	Default Service	kWh x \$0.08724	\$0.08724
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Liberty Utilities (Granite State Electric) Corp. d/b/a Liberty Utilities  
Proposed June 1, 2014 Rates  
Calculation of Monthly Typical Bill  
Impact on Rate G-1 Default Service Customers

Hours Use	kWh Split				(1)		(2)		(1) vs (2)		
	350	On-Peak	50.00%	Off-Peak	50.00%						
	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	70,000	35,000	35,000	\$9,161.99	\$6,106.80	\$3,055.19	\$9,148.14	\$6,106.80	\$3,041.34	(\$13.85)	-0.2%
300	105,000	52,500	52,500	\$13,683.74	\$9,160.20	\$4,523.54	\$13,662.89	\$9,160.20	\$4,502.69	(\$20.85)	-0.2%
400	140,000	70,000	70,000	\$18,205.49	\$12,213.60	\$5,991.89	\$18,177.64	\$12,213.60	\$5,964.04	(\$27.85)	-0.2%
500	175,000	87,500	87,500	\$22,727.24	\$15,267.00	\$7,460.24	\$22,692.39	\$15,267.00	\$7,425.39	(\$34.85)	-0.2%
1,000	350,000	175,000	175,000	\$45,335.99	\$30,534.00	\$14,801.99	\$45,266.14	\$30,534.00	\$14,732.14	(\$69.85)	-0.2%

	<u>Present Rates</u>	<u>Proposed Rates</u>
Customer Charge	\$118.49	\$118.64
Distribution Charge		
On Peak kWh	kWh x \$0.00374	\$0.00354
Off Peak kWh	kWh x \$0.00032	\$0.00012
Distribution Demand Charge	kW x \$5.16	\$5.16
Storm Adjustment Factor	kWh x \$0.00329	\$0.00329
Transmission Charge	kWh x \$0.01724	\$0.01724
Stranded Cost Charge	kWh x \$0.00080	\$0.00080
System Benefits Charge	kWh x \$0.00330	\$0.00330
Electricity Consumption Tax	kWh x \$0.00055	\$0.00055

Supplier Services

680 Default Service	kWh x \$0.08724	\$0.08724
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Liberty Utilities (Granite State Electric) Corp. d/b/a Liberty Utilities  
Proposed June 1, 2014 Rates  
Calculation of Monthly Typical Bill  
Impact on Rate G-1 Default Service Customers

Hours Use	kWh Split		(1)			(2)			(1) vs (2)				
	450	On-Peak	45.00%	Off-Peak	55.00%	Total	Default Service	Retail Delivery	Total	Default Service	Retail Delivery	Overall Increase (Decrease)	Amount
200	90,000	40,500	49,500	\$11,435.60	\$7,851.60	\$3,584.00	\$11,417.75	\$7,851.60	\$3,566.15	(\$17.85)	-0.2%		
300	135,000	60,750	74,250	\$17,094.16	\$11,777.40	\$5,316.76	\$17,067.31	\$11,777.40	\$5,289.91	(\$26.85)	-0.2%		
400	180,000	81,000	99,000	\$22,752.71	\$15,703.20	\$7,049.51	\$22,716.86	\$15,703.20	\$7,013.66	(\$35.85)	-0.2%		
500	225,000	101,250	123,750	\$28,411.27	\$19,629.00	\$8,782.27	\$28,366.42	\$19,629.00	\$8,737.42	(\$44.85)	-0.2%		
1,000	450,000	202,500	247,500	\$56,704.04	\$39,258.00	\$17,446.04	\$56,614.19	\$39,258.00	\$17,356.19	(\$89.85)	-0.2%		

	<u>Present Rates</u>	<u>Proposed Rates</u>
Customer Charge	\$118.49	\$118.64
Distribution Charge		
On Peak kWh	kWh x \$0.00374	\$0.00354
Off Peak kWh	kWh x \$0.00032	\$0.00012
Distribution Demand Charge	kW x \$5.16	\$5.16
Storm Adjustment Factor	kWh x \$0.00329	\$0.00329
Transmission Charge	kWh x \$0.01724	\$0.01724
Stranded Cost Charge	kWh x \$0.00080	\$0.00080
System Benefits Charge	kWh x \$0.00330	\$0.00330
Electricity Consumption Tax	kWh x \$0.00055	\$0.00055

Supplier Services

060	Default Service	kWh x \$0.08724	\$0.08724
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Liberty Utilities (Granite State Electric) Corp. d/b/a Liberty Utilities  
Proposed June 1, 2014 Rates  
Calculation of Monthly Typical Bill  
Impact on Rate G-1 Default Service Customers

Hours Use	kWh Split				(1)		(2)		(1) vs (2)		
	450	On-Peak	40.00%	Off-Peak	60.00%						
	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	90,000	36,000	54,000	\$11,420.21	\$7,851.60	\$3,568.61	\$11,402.36	\$7,851.60	\$3,550.76	(\$17.85)	-0.2%
300	135,000	54,000	81,000	\$17,071.07	\$11,777.40	\$5,293.67	\$17,044.22	\$11,777.40	\$5,266.82	(\$26.85)	-0.2%
400	180,000	72,000	108,000	\$22,721.93	\$15,703.20	\$7,018.73	\$22,686.08	\$15,703.20	\$6,982.88	(\$35.85)	-0.2%
500	225,000	90,000	135,000	\$28,372.79	\$19,629.00	\$8,743.79	\$28,327.94	\$19,629.00	\$8,698.94	(\$44.85)	-0.2%
1,000	450,000	180,000	270,000	\$56,627.09	\$39,258.00	\$17,369.09	\$56,537.24	\$39,258.00	\$17,279.24	(\$89.85)	-0.2%

	<u>Present Rates</u>	<u>Proposed Rates</u>
Customer Charge	\$118.49	\$118.64
Distribution Charge		
On Peak kWh	kWh x \$0.00374	\$0.00354
Off Peak kWh	kWh x \$0.00032	\$0.00012
Distribution Demand Charge	kW x \$5.16	\$5.16
Storm Adjustment Factor	kWh x \$0.00329	\$0.00329
Transmission Charge	kWh x \$0.01724	\$0.01724
Stranded Cost Charge	kWh x \$0.00080	\$0.00080
System Benefits Charge	kWh x \$0.00330	\$0.00330
Electricity Consumption Tax	kWh x \$0.00055	\$0.00055

Supplier Services

091 Default Service	kWh x \$0.08724	\$0.08724
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**Liberty Utilities (Granite State Electric) Corp. d/b/a Liberty Utilities**

**Schedule DBS-5**

<u>Revised Page</u>	<u>Superseded Page</u>	<u>Rate Schedule</u>
Second Revised Page 35	Superseding First Revised Page 35	Rate D
Second Revised Page 36	Superseding First Revised Page 36	Rate D
Second Revised Page 37	Superseding First Revised Page 37	Rate D
Second Revised Page 40	Superseding First Revised Page 40	Rate D-10
Second Revised Page 43	Superseding First Revised Page 43	Rate D-10
Second Revised Page 44	Superseding First Revised Page 44	Rate G-1
Second Revised Page 50	Superseding First Revised Page 50	Rate G-2
Second Revised Page 55	Superseding First Revised Page 55	Rate G-3
Second Revised Page 59	Superseding First Revised Page 59	Rate M
Second Revised Page 60	Superseding First Revised Page 60	Rate M
Second Revised Page 66	Superseding First Revised Page 66	Rate T
Second Revised Page 68	Superseding First Revised Page 68	Rate T
Second Revised Page 70	Superseding First Revised Page 70	Rate V
Second Revised Page 72	Superseding First Revised Page 72	Rate V
Twelfth Revised Page 84	Superseding Eleventh Revised Page 84	Summary

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## DOMESTIC SERVICE RATE D

### AVAILABILITY

Retail Delivery Service under this rate is available for all domestic purposes in an individual private dwelling or an individual apartment and for farm purposes. If electricity is delivered through more than one meter, the charge for electricity delivered through each meter shall be computed separately under this rate.

### CHARACTER OF SERVICE

Service supplied under this rate will be single phase, 60 cycle, alternating current, normally three-wire service at a nominal voltage of 120/240 volts or three-wire 120/208 volts, whichever is available at the location.

### RATE PER MONTH

The rate per month will be the sum of the applicable Customer and Energy Charges subject to the adjustments in this tariff:

#### Rates for Retail Delivery Service

##### Customer Charge

\$5.53 per month

##### Distribution Energy Charges

##### Regular Use

2.12~~97~~ cents per kilowatt-hour for the first 250 kilowatt-hours  
5.52~~54~~<sup>48</sup> cents per kilowatt-hour for the excess of 250 kilowatt-hours

For customers who received service under the off-peak provisions of the Domestic Service Rate D prior to April 1, 1991, the following rates shall apply:

##### Off-Peak Use: 16 Hour Control

For all electricity separately metered and delivered between the hours of 11:00 p.m. on each day and 7:00 a.m. on the next day, the price of such electricity shall be:

2.03~~64~~ cents per kilowatt-hour if a Customer has installed an electric water heater of a type approved by the Company, and electricity delivered to such water heater is supplied only under this rate.

Dated: ~~July 05, 2013~~  
Effective: ~~June~~<sup>July</sup> 01, 201~~43~~

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

Authorized by Docket Nos. DE ~~13-063~~ & DE ~~13-150~~, NHPUC Order Nos. ~~25,531~~ & ~~25,536~~, Dated ~~06/27/2013~~

Off-Peak Use: 6 Hour Control

For all electricity separately metered and subject to the Company's right to limit the operation of the bottom water heating element up to 6 hours a day, the price of such electricity shall be:

2.12~~97~~ cents per kilowatt-hour if a Customer has installed an electric water heater of a type approved by the Company, and electricity delivered to such water heater is supplied only under this rate.

Farm use

The availability of the Farm Use Section is limited to those locations which were served under the Farm Use Section of Domestic Rate D, N.H.P.U.C. No. 8 - Electricity immediately prior to the effective date of this rate. For such farm customers, where all electricity is supplied by the Company, the RATE PER MONTH is modified as follows:

3.30~~40~~ cents per kilowatt-hour for all Regular Use kilowatt-hours in excess of the greater of the following:

- a) 500 kilowatt-hours
- b) 100 kilowatt-hours per kilovolt-ampere of transformer capacity needed to serve the Customer

**APPROVED TYPES OF WATER HEATERS FOR USE UNDER PROVISIONS OF OFF-PEAK USE CLAUSE OF DOMESTIC RATE D**

The specifications for an approved type of water heater for all domestic applications are as follows:

1. It shall be of standard manufacture and have a capacity and corresponding heating elements as specified below:

Approx. Tank Size (gallons)	Rating Top Unit (watts)	Rating Bottom Unit (watts)
80*	4500	3000
100 to 120	4500	4500
150	5000	5000

\*Water heaters of less than 80 gallons with top and bottom heating elements of not more than 4500 watts each may be installed at the Company's option, with the permission of the Regional Executive.

2. It shall be equipped with a top and bottom heating element, each controlled by a separate thermostatic switch. The thermostatic switch for the top element shall be of a double-throw type so connected as to

Dated: ~~July 05, 2013~~  
Effective: ~~June~~<sup>July</sup> 01, 201~~43~~

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

Authorized by Docket Nos. DE ~~13-063~~ & DE ~~13-150~~, NHPUC Order Nos. ~~25,531~~ & ~~25,536~~, Dated ~~06/27/2013~~

permit operation of only one heating element at a time. The thermostat for the bottom element shall be of single-pole, single-throw type. The top and bottom units shall be designed for nominal 240-volt operation.

3. It shall have a pressure rating of not less than 250 pounds-per-square-inch test.
4. It shall be equipped as purchased with an approved fuel cut-off type temperature limit switch having its temperature sensitive element in contact with tank surface within 12 inches of top and so connected as to completely disconnect the heating elements from the power supply.
5. The thermostats for the top and the bottom heating units shall have a range of temperature settings extending from 120 degrees to 170 degrees Fahrenheit with the bottom element setting maintaining approximately a 10-degree differential above the setting of the top element.
6. The water heater and the installation thereof shall conform to the National Electric Code, to any State or local requirements, and to those of the Company.

The Customer shall provide a separate circuit for the water heater, of ample capacity and designed for 240-volt operation, to which no equipment other than the water heater shall be connected. Specific water heating connection diagrams for each type of service and rate application are available from the Company.

#### INTERRUPTIBLE CREDITS

The Company will provide, own and maintain a suitable switch designed to control the operation of selected appliances so that the appliance may operate only during the hours chosen by the Company.

If the Customer has installed an electric water heater of a type approved by the Company, and permits the Company to control the operation of the water heater for the specified number of hours per day and during emergency situations, the Customer will receive the following credit each month:

	Control hours per day	Credit
IC-1	6	\$6.15
IC-2	16	<del>\$8.24</del> 3

Dated: ~~July 05, 2013~~  
Effective: ~~June~~July 01, 201~~4~~3

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

Authorized by Docket Nos. DE ~~13-063~~ & DE ~~13-150~~, NHPUC Order Nos. ~~25,531~~ & ~~25,536~~, Dated ~~06/27/2013~~

**DOMESTIC SERVICE RATE D-10  
OPTIONAL PEAK LOAD PRICING RATE**

AVAILABILITY

Retail Delivery Service under this rate is available for all domestic purposes in an individual private dwelling or an individual apartment and for farm purposes to selected customers presently served under Rate D.

If electricity is delivered through more than one meter, the charge for electricity delivered through each meter shall be computed separately under this rate. The availability of this rate will be subject to the Company's ability to obtain the necessary meters and to render such service.

CHARACTER OF SERVICE

Service supplied under this rate will be single phase, 60 cycle, alternating current, normally three-wire service at a nominal voltage of 120/240 volts or three-wire 120/208 volts, whichever is available at the location.

RATE PER MONTH

The rate per month will be the sum of the applicable Customer and Energy Charges subject to the adjustments in this tariff:

Rates for Retail Delivery Service

Customer Charge

\$9.5~~10~~ per month

Distribution Energy Charges

On-Peak 6.23~~13~~ cents per kilowatt-hour  
Off-Peak (0.015) cents per kilowatt-hour

Peak hours will be from 8:00 a.m. to 9:00 p.m. daily on Monday through Friday excluding holidays.

Off-Peak hours will be from 9:00 p.m. to 8:00 a.m. daily Monday through Friday, and all day on Saturdays, Sundays, and holidays.

The holidays will be: New Year's Day, President's Day, Memorial Day, Independence Day, Columbus Day, Labor Day, Veteran's Day, Thanksgiving Day and Christmas Day. All holidays will be the nationally observed day.

Dated: ~~July 05, 2013~~  
Effective: ~~June~~ July 01, 201~~43~~

Issued by: /s/ ~~Victor D. Del Vecchio~~  
~~Victor D. Del Vecchio~~

Title: President

Authorized by Docket Nos. DE ~~13-063~~ & DE ~~13-150~~,  
NHPUC Order Nos. ~~25,531~~ & ~~25,536~~, Dated ~~06/27/2013~~

#### ELECTRIC ASSISTANCE PROGRAM

Eligible customers taking service under this rate will receive a discount as provided on Page 86 of this Tariff of which this rate is a part. Eligibility shall be determined in accordance with the Electric Assistance Program Provision on Page 86 of this Tariff. A summary of energy charges in effect, with all adjustments, is provided on Page 84 of this Tariff.

#### SYSTEM BENEFITS CHARGE ADJUSTMENT PROVISION

Customers taking service under this rate will be charged a System Benefits Charge as provided on Page 77 of the Tariff of which this rate is a part. A summary of energy charges in effect, with all adjustments, is provided on Page 84 of this Tariff.

#### MINIMUM CHARGE

\$9.5~~10~~ per month Customer Charge

#### TERMS OF PAYMENT

The above rate is net, billed monthly or bimonthly and payable upon presentation of the bill.

#### TERMS OF AGREEMENT

The agreement for service under this rate will continue for an initial term of one year if electricity can be properly delivered to a Customer without an uneconomic expenditure by the Company. The agreement may be terminated at any time on or after the expiration date of the initial term by twelve (12) months prior written notice.

#### TERMS AND CONDITIONS

The Company's Terms and Conditions in effect from time to time, where not inconsistent with any specific provisions hereof, are a part of this rate.

Dated: ~~July 05, 2013~~  
Effective: ~~June~~<sup>July</sup> 01, 201~~43~~

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

Authorized by Docket Nos. DE ~~13-063~~ & DE ~~13-150~~, NHPUC Order Nos. ~~25,531~~ & ~~25,536~~, Dated ~~06/27/2013~~

## GENERAL SERVICE TIME-OF-USE RATE G-1

### AVAILABILITY

Retail Delivery Service under this rate is available for all purposes except resale, subject to the provisions of this section. A Customer will take delivery service on this rate if the Company estimates that its average use will be greater than or equal to 200 kW of Demand.

A Customer may be transferred from rate G-1 at its request or at the option of the Company if the customer's 12 month average monthly demand is less than 180 kW of Demand for 3 consecutive months.

If electricity is delivered through more than one meter, except at the Company's option, the charge for electricity delivered through each meter shall be computed separately under this rate. If any electricity is delivered hereunder at a given location, then all electricity delivered by the Company at such location shall be furnished hereunder, except such electricity as may be delivered under the provisions of the Limited Commercial Space Heating Rate V.

The actual delivery of service and the rendering of bills under this rate is contingent upon the installation of the necessary time-of-use metering equipment by the Company; subject to both the availability of such meters from the Company's supplier and the conversion or installation procedures established by the Company.

All customers served on this rate must elect to take their total electric service under the time-of-use metering installation as approved by the Company. If delivery is through more than one meter, except at the Company's option, the Monthly Charge for service through each meter shall be computed separately under this rate.

### CHARACTER OF SERVICE

Service supplied under this rate will be 60 cycle, three-phase alternating current normally at a nominal voltage of 120/208, 277/480, 2400, 4160, 4800, 7200, 13,200 and 13,800 volts.

All voltages are not available in every area.

### RATE PER MONTH

The Rate Per Month will be the sum of the applicable Customer, Demand and Energy Charges subject to the adjustments in this tariff.

#### Rates for Retail Delivery Service

##### Customer Charge

\$118.~~65~~49 per month.

Dated: ~~July 05, 2013~~  
Effective: ~~June~~July 01, 201~~43~~

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

Authorized by Docket Nos. DE ~~13-063~~ & DE ~~13-150~~, NHPUC Order Nos. ~~25,531~~ & ~~25,536~~, Dated ~~06/27/2013~~

## GENERAL LONG HOUR SERVICE RATE G-2

### AVAILABILITY

Retail Delivery Service under this rate is available for all purposes except resale, subject to the provisions of this section. A Customer will take delivery service on this rate if the Company estimates that its average use will be greater than or equal to 20 kW of Demand but is less than 200 kW of Demand. If electricity is delivered through more than one meter, except at the Company's option, the charge for electricity delivered through each meter shall be computed separately under this rate.

A customer may be transferred from rate G-2 at its request or at the option of the Company if the customer's twelve (12) month average monthly demand is less than 18 kW of demand for three consecutive months.

If any electricity is delivered hereunder at a given location, then all electricity delivered by the Company at such location shall be furnished hereunder, except such electricity as may be delivered under the provisions of the Limited Commercial Space Heating Rate V.

### CHARACTER OF SERVICE

Service supplied under this rate will be 60 cycle, three-phase alternating current normally at a nominal voltage of 120/208, 277/480, 2400, 4160, 4800, 7200, 13,200 and 13,800 volts.

All voltages are not available in every area.

### RATE PER MONTH

The Rate Per Month will be the sum of the applicable Customer, Demand and Energy Charges subject to the adjustments in this tariff.

#### Rates for Retail Delivery Service

##### Customer Charge

\$31.~~7369~~ per month.

##### Distribution Demand Charge

\$5.69 per kilowatt of Demand per Month

##### Distribution Energy Charge

0.101 cents per kilowatt-hour

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### GENERAL SERVICE RATE G-3

#### AVAILABILITY

Retail Delivery Service under this rate is available for all purposes except for resale. A Customer will take delivery service on this rate if the Company estimates that its average use will be less than 20 kW of demand. If electricity is delivered through more than one meter, except at the Company's option, the charge for electricity delivered through each meter shall be computed separately under this rate.

#### CHARACTER OF SERVICE

Service supplied under this rate will be 60 cycle, alternating current either:

- a) Single-phase normally three-wire at a nominal voltage of 120/240 volts.
- b) Three-phase secondary normally at a nominal voltage of 120/208, or 277/480 volts.
- c) Three-phase primary normally at a nominal voltage of 2400, 4160, 4800, 7200, 13,200 or 13,800 volts.

All voltages are not available in every area.

#### RATE PER MONTH

The rate per month will be the sum of the Customer and Energy Charges subject to the adjustments in this tariff:

#### Rates for Retail Delivery Service

##### Customer Charge

\$7.00 per month.

##### Distribution Energy Charge

3.9~~8378~~ cents per kilowatt-hour.

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**OUTDOOR LIGHTING SERVICE RATE M**

AVAILABILITY

Public Lighting

Available for Street or Highways and areas within the public domain for customers designated as governmental entities, inclusive of the state, municipalities, or other public authorities.

Installations on limited access highways, tunnels, bridges and the access and egress ramps thereto are subject to the Special Rate Conditions of this tariff.

Private Lighting

Available to private customers for outdoor lighting of areas on private property where necessary fixtures can be supported on existing poles and where such service can be supplied from existing secondary distribution facilities. In special circumstances outlined in the pole and accessory section below, the Company will install a wooden pole.

Lighting Services

Service under this rate is for full-night service street lighting whereby the luminaire operates for the entire night time period pursuant to the Hours of Operation provision below. In addition, customers may, at their option, take advantage of part-night service in which the luminaire operates for a portion of the night pursuant to the Hours of Operation provision below. Customers may select the part-night service option at the time of lighting installation or at any time during service. Any request to select the part-time night service option must be made in writing.

RATE

Distribution Energy Charge

0.001 cents per kilowatt-hour.

Luminaire Charge

Size of Street Light Lumens	Lamp Wattage	Description	Annual Distribution Price Per Unit
<b>Sodium Vapor</b>			
4,000	50	LUM HPS RWY 50W	\$ 64. <del>7667</del>
9,600	100	LUM HPS RWY 100W	\$ 78. <del>5040</del>
27,500	250	LUM HPS RWY 250W	\$137. <del>8667</del>
50,000	400	LUM HPS RWY 400W	\$179. <del>6439</del>
9,600 (Post Top)	100	LUM HPS POST 100W	\$90. <del>4230</del>
27,500 (Flood)	250	LUM HPS FLD 250W	\$139. <del>80990</del>
50,000 (Flood)	400	LUM HPS FLD 400W	\$192. <del>0175</del>
<b>Incandescent</b>			
1,000	103	LUM INC RWY 103W	\$86. <del>4533</del>

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Size of Street Light Lumens	Lamp Wattage	Description	Annual Distribution Price Per Unit
<b>Mercury Vapor</b>			
4,000	50	LUM MV RWY 100W	\$62. <del>5648</del>
8,000	100	LUM MV RWY 175W	\$7 <del>65.0797</del>
22,000	250	LUM MV RWY 400W	\$143. <del>970</del>
63,000	400	LUM MV RWY 1000W	\$27 <del>32.0365</del>
22,000 (Flood)	250	LUM MV FLD 400W	\$15 <del>98.1492</del>
63,000 (Flood)	400	LUM MV FLD 1000W	\$274. <del>8143</del>

No further installation or relocation of Incandescent and Mercury Vapor lights will be made after the effective date of this rate, unless specific permission is received from the Commission’s Chief Engineer.

**POLE AND ACCESSORY CHARGE**

An additional annual charge enumerated below will be applied where the Company is requested to furnish a suitable wood pole for the sole purpose of supporting a luminaire. If at a future date the pole is used for any purpose approved by the Company in addition to supporting a street and/or floodlight luminaire, the pole charge will be terminated. This pole may not be more than one (1) span from the existing secondary service located along a roadway or thoroughfare, and must be reachable for mechanized equipment.

	Description	Annual Price Per Unit
<b>Overhead Service</b>		
Wood Poles	POLE – WOOD	\$76. <del>3020</del>
<b>Underground Service</b>		
<u>Non-Metallic Standard</u>		
Fiberglass – Direct Embedded	POLE FIBER PT < 25FT	\$7 <del>98.0294</del>
Fiberglass with Foundation < 25 ft.	POLE FIBER RWY < 25FT	\$13 <del>43.0284</del>
Fiberglass with Foundation >= 25 ft.	POLE FIBER RWY => 25	\$223. <del>9264</del>
<u>Non-Metallic Standard</u>		
Metal Poles Poles – Direct Embedded	POLE METAL EMBEDDED	\$159. <del>8159</del>
Metal Poles Poles with Foundation	POLE METAL	\$192. <del>5734</del>

**OTHER CHARGES**

Pursuant to RSA 9-E:4, the Company provides a part-night service that, when requested by a customer, will require the replacement of the photoelectric control that will allow for the operation of the luminaire for a portion of the night. The Company shall assess the customer a Part Night Charge of \$150 for the installation of each photoelectric control that must be replaced in order for part-night service to be operational and for the removal of such photoelectric control upon the customer’s request to return to full-night service. For installation or removal of each photoelectric control made during a scheduled maintenance visit or during the installation of a new outdoor lighting service, the Company shall assess the customer a Part Night Charge of \$20 for the installation or removal of each such photoelectric control. The Part Night Charge does not include the cost or fees associated with any work-zone protection, traffic control services and/or permits required to perform the customer requested change, all of which shall be the responsibility of the customer.

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RATE PER MONTH

The rate per month will be the sum of the applicable Customer and Energy Charges subject to the adjustments in this tariff.

Rates for Retail Delivery Service

Customer Charge

\$7.1~~76~~ per Month

Distribution Energy Charge

2.6~~2249~~ cents per kilowatt-hour

INTERRUPTIBLE CREDITS

The Company will provide, own and maintain a suitable switch designed to control the operation of selected appliances so that the appliance may operate only during the hours chosen by the Company.

If the Customer has installed an electric water heater of a type approved by the Company, and permits the Company to control the operation of the water heater for the specified number of hours per day and during emergency situations, the Customer will receive the following credit each month:

	Control hours per day	Credit
IC-1	6	\$6.15
IC-2	16	\$8.2 <del>43</del>

TRANSMISSION SERVICE COST ADJUSTMENT

Transmission service is available to all retail Customers taking service under this rate. For those Customers, the Transmission Energy Charge shall be calculated in accordance with the Company's Transmission Service Cost Adjustment Provision as provided on Page 79 of the Tariff of which this rate is a part. A summary of energy charges in effect, with all adjustments, is provided on Page 84 of this Tariff.

Dated: ~~July 05, 2013~~  
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#### ELECTRIC ASSISTANCE PROGRAM

Eligible customers taking service under this rate will receive a discount as provided on Page 86 of this Tariff of which this rate is a part. Eligibility shall be determined in accordance with the Electric Assistance Program Provision on Page 86 of this Tariff. A summary of energy charges in effect, with all adjustments, is provided on Page 84 of this Tariff.

#### SYSTEM BENEFITS CHARGE ADJUSTMENT PROVISION

Customers taking service under this rate will be charged a System Benefits Charge as provided on Page 77 of the Tariff of which this rate is a part. A summary of energy charges in effect, with all adjustments, is provided on Page 84 of this Tariff.

#### MINIMUM CHARGE

\$7.1~~76~~ per Month Customer Charge

#### BIMONTHLY BILLING

The Company reserves the right to read meters and render bills on a bimonthly basis. When bills are rendered bimonthly, the Minimum Charge shall be multiplied by two.

#### TERMS OF PAYMENT

The above rate is net, billed monthly or bimonthly and payable upon presentation of the bill. However, customers may elect in writing to pay on a Budget Billing Plan available on application to the Company.

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Issued by: /s/ ~~Victor D. Del Vecchio~~  
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### LIMITED COMMERCIAL SPACE HEATING RATE V

#### AVAILABILITY

The availability of this rate is limited to the following customers: 1) those who immediately prior to the effective date of this rate were served under Commercial Space Heating Rate V, N.H.P.U.C. No. 8 - Electricity and are presently receiving service under this rate, and 2) those who requested service under this rate prior to May 1, 1982.

To such customers, delivery service under this Limited Commercial Space Heating Rate V is available for space heating in buildings other than residences, where the Customer's premises are heated exclusively by electricity.

Air conditioning used in addition to electric space heating at this same location may also be served under this rate, provided that electricity is the sole source of energy, and all the requirements for these purposes are metered hereunder.

Electric space heating equipment shall be permanently installed and be of a type and size approved by the Company.

Service under this rate will be metered separately.

Any other use of electricity must be taken under an applicable general service rate.

This rate is not available to seasonal customers, or for resale or auxiliary service.

#### CHARACTER OF SERVICE

Service supplied under this rate will be single phase, 60 cycle, alternating current, normally three-wire service at a nominal voltage of 120/240 volts or three-wire 120/208 volts, whichever is available at the location, or other voltages where available by special arrangement with the Company.

#### RATE PER MONTH

The rate per month will be the sum of the applicable Customer and Energy Charges subject to the adjustments in this tariff.

#### Rates for Retail Delivery Service

##### Minimum Charge

\$7.~~48~~<sup>7</sup> per Month

##### Distribution Energy Charge

3.~~68~~<sup>176</sup> cents per kilowatt-hour

Dated: ~~July 05, 2013~~  
Effective: ~~June~~<sup>July</sup> 01, 201~~4~~<sup>3</sup>

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

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#### SYSTEM BENEFITS CHARGE ADJUSTMENT PROVISION

Customers taking service under this rate will be charged a System Benefits Charge as provided on Page 77 of the Tariff of which this rate is a part. A summary of energy charges in effect, with all adjustments, is provided on Page 84 of this Tariff.

#### MINIMUM CHARGE

\$7.4~~87~~ per Month Customer Charge

#### TERMS OF PAYMENT

The above rate is net, billed monthly and payable upon presentation of the bill. However, customers may elect in writing to pay on a Budget Billing Plan available on application to the Company.

#### TERM OF AGREEMENT

A Customer served under this rate must provide the Company with one-year prior written notice before installing additional on-site, non-emergency generation for its own use. This notice provision shall be waived with respect to the installation of on-site non-emergency generation from renewable energy resources. Renewable energy resources shall mean fuel cells (including natural gas powered fuel cells), and emerging power generation technologies that produce electricity from wind energy, solar energy, small-scale hydro power, ocean power, landfill gas, sustainably managed biomass, and future clean renewable technologies.

#### TERMS AND CONDITIONS

The Company's Terms and Conditions in effect from time to time, where not inconsistent with any specific provisions hereof, are a part of this rate.

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RATES EFFECTIVE ~~JUNE~~<sup>JANUARY</sup> 1, 2014  
FOR USAGE ON AND AFTER ~~JUNE~~<sup>JANUARY</sup> 1, 2014

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	\$0.021 <del>3957</del>	\$0.00329	\$0.00055	\$0.02116	\$0.00330	\$0.00080	\$0.050 <del>4967</del>
	Excess 250 kWh	\$0.055 <del>3548</del>	\$0.00329	\$0.00055	\$0.02116	\$0.00330	\$0.00080	\$0.084 <del>4558</del>
	Off Peak kWh	\$0.020 <del>4664</del>	\$0.00329	\$0.00055	\$0.02116	\$0.00330	\$0.00080	\$0.049 <del>5674</del>
	Farm kWh	\$0.033 <del>1430</del>	\$0.00329	\$0.00055	\$0.02116	\$0.00330	\$0.00080	\$0.062 <del>2440</del>
D-6 kWh	\$0.021 <del>3957</del>	\$0.00329	\$0.00055	\$0.02116	\$0.00330	\$0.00080	\$0.050 <del>4967</del>	
D-10	Customer Charge	\$9.5 <del>10</del>						\$9.5 <del>10</del>
	On Peak kWh	\$0.062 <del>5072</del>	\$0.00329	\$0.00055	\$0.02458	\$0.00330	\$0.00080	\$0.095 <del>0224</del>
	Off Peak kWh	\$0.000 <del>0424</del>	\$0.00329	\$0.00055	\$0.02458	\$0.00330	\$0.00080	\$0.032 <del>5676</del>
G-1	Customer Charge	\$118. <del>6549</del>						\$118. <del>6549</del>
	Demand Charge	\$5.16						\$5.16
	On Peak kWh	\$0.003 <del>5474</del>	\$0.00329	\$0.00055	\$0.01724	\$0.00330	\$0.00080	\$0.028 <del>7292</del>
	Off Peak kWh	\$0.000 <del>1232</del>	\$0.00329	\$0.00055	\$0.01724	\$0.00330	\$0.00080	\$0.025 <del>3050</del>
G-2	Customer Charge	\$31. <del>7369</del>						\$31. <del>7369</del>
	Demand Charge	\$5.69						\$5.69
	All kWh	\$0.001 <del>2848</del>	\$0.00329	\$0.00055	\$0.02147	\$0.00330	\$0.00081	\$0.030 <del>7090</del>
G-3	Customer Charge	\$7.00						\$7.00
	All kWh	\$0.0 <del>39934008</del>	\$0.00329	\$0.00055	\$0.02108	\$0.00330	\$0.00080	\$0.06 <del>895910</del>
M	All kWh	\$0.000 <del>2848</del>	\$0.00329	\$0.00055	\$0.01517	\$0.00330	\$0.00080	\$0.023 <del>3959</del>
<i>see tariff for luminaires &amp; pole charges</i>								
T	Customer Charge	\$7.1 <del>76</del>						\$7.1 <del>76</del>
	All kWh	\$0.026 <del>4259</del>	\$0.00329	\$0.00055	\$0.02525	\$0.00330	\$0.00080	\$0.059 <del>6178</del>
V	Minimum Charge	\$7.4 <del>87</del>						\$7.4 <del>87</del>
	All kWh	\$0.03 <del>699714</del>	\$0.00329	\$0.00055	\$0.02867	\$0.00330	\$0.00080	\$0.073 <del>6075</del>

- (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 (\$0.000~~3040~~) per kWh for usage on and after ~~6/7/1/143~~
- (4) Distribution Energy Charges include a Green Up Service Recovery Adjustment Factor of \$0.00000 per kWh for usage on and after 1/1/14

System Benefits Charge-Energy Efficiency	\$0.00180	Effective 7/1/11, usage on and after
<u>System Benefits Charge-Statewide Energy Assistance Program</u>	<u>\$0.00150</u>	Effective 7/1/11, usage on and after
Total System Benefits Charge	\$0.00330	
Transmission Cost Adjustment Factor	various	Effective 1/1/14, usage on and after
Stranded Cost Adjustment Factor	various	Effective 1/1/14, 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)	\$0.11759	Effective 1/1/14, usage on and after
	\$0.16040	Effective 2/1/14, usage on and after
	\$0.08724	Effective 3/1/14, usage on and after
	\$0.06773	Effective 4/1/14, usage on and after
Electricity Consumption Tax	\$0.00055	Effective 5/1/01, usage on and after

Dated: ~~January 22, 2014~~  
Effective: ~~June~~<sup>January</sup> 01, 2014

Issued by: /s/ Richard Leehr  
Richard Leehr  
Title: President