

**Large Customer Group
Rates G-1 and G-2
Illustrative Weighted Average Energy Service Rates For Comparison Purposes Only
November 2015 - July 2016**

Liberty Utilities (Granite State Electric) Corp. d/b/a Liberty Utilities
Docket DE 15-010
Schedule HMT-1
Page 1 of 1

REDACTED

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

1 August 2015 Medium and Large C&I Energy Service kWhs	13,998,831
2 August 2015 Total Medium and Large C&I kWhs	<u>50,362,400</u>
3 Percentage of Medium and Large C&I Energy Service kWhs to Total Medium and Large C&I kWhs	27.80%

Section 2: Projected Medium and Large C&I Default Service kWhs, November 2015 - July 2016

	November (a)	December (b)	January (c)	February (d)	March (e)	April (f)	May (f)	June (f)	July (f)	Total (g)
4 Projected Total Company Medium and Large kWhs	40,740,169	42,064,013	43,241,878	42,669,187	42,084,786	41,166,740	41,563,813	45,925,372	51,447,407	390,903,365
5 Percentage of Medium and Large C&I Energy Service kWhs to Total Medium and Large C&I kWhs	<u>27.80%</u>	<u>27.80%</u>	<u>27.80%</u>	<u>27.80%</u>	<u>27.80%</u>	<u>27.80%</u>	<u>27.80%</u>	<u>27.80%</u>	<u>27.80%</u>	
6 Projected Medium and Large C&I Energy Service kWhs	11,324,217	11,692,195	12,019,597	11,860,410	11,697,969	11,442,787	11,553,159	12,765,506	14,300,422	108,656,262

Section 3: Medium and Large C&I Default Service Load Weighting for November 2015 - July 2016

7 Projected Medium and Large C&I Energy Service kWhs	11,324,217	11,692,195	12,019,597	11,860,410	11,697,969	11,442,787	11,553,159	12,765,506	14,300,422	108,656,262
8 Wholesale Loads (kWh)										
9 Retail Loads (kWh)										
10 Loss Factor										
11 Wholesale Contract Price (\$/MWh)										
12 Base Energy Service Rate (\$/kWh)	\$0.07436	\$0.09259	\$0.11305	\$0.11092	\$0.08343	\$0.06209	\$0.05390	\$0.04809	\$0.05288	
13 Energy Service Reconciliation Adjustment Factor (\$/kWh)	\$0.00058	\$0.00058	\$0.00058	\$0.00058	\$0.00058	\$0.00058	\$0.00058	\$0.00058	\$0.00058	\$0.00058
14 Energy Service Cost Reclassification Adjustment Factor (\$/kWh)	\$0.00022	\$0.00022	\$0.00022	\$0.00022	\$0.00022	\$0.00022	\$0.00022	\$0.00022	\$0.00022	\$0.00022
15 Border Sales Settlement Adjustment Factor	(\$0.00104)	(\$0.00104)	(\$0.00104)	(\$0.00104)	(\$0.00104)	(\$0.00104)	(\$0.00104)	(\$0.00104)	(\$0.00104)	(\$0.00104)
16 Renewable Portfolio Standard Adder (\$/kWh)	<u>\$0.00358</u>	<u>\$0.00358</u>	<u>\$0.00756</u>							
17 Total Estimated Medium and Large C&I Energy Service Price per kWh	\$0.07770	\$0.09593	\$0.12037	\$0.11824	\$0.09075	\$0.06941	\$0.06122	\$0.05541	\$0.06020	
18 Projected Medium and Large C&I Base Default Service Cost, November 2015 - July 2016	\$ 842,069	\$1,082,580	\$1,358,815	\$1,315,557	\$ 975,962	\$ 710,483	\$ 622,715	\$ 613,893	\$ 756,206	\$ 8,278,280
19 Weighted Average Medium and Large C&I Base Default Service Charge for November 2015 - July 2016										\$ 0.07618
20 Projected Medium and Large C&I Default Service Cost, November 2015 - July 2016	\$ 879,892	\$1,121,632	\$1,446,799	\$1,402,375	\$1,061,591	\$ 794,244	\$ 707,284	\$ 707,337	\$ 860,885	\$ 8,982,039
21 Weighted Average Medium and Large C&I Default Service Charge for November 2015 - July 2016										\$ 0.08266

- Per Monthly Energy Service Revenue Reports (Rates G-1 and G-2)
- Per Monthly Total Revenue Reports (Rates G-1 and G-2)
- Line (1) ÷ Line (2)
- Per Company forecast for medium and large C&I rates (Rates G-1 and G-2)
- Line (3)
- Line (4) x Line (5)
- Line (6)
- Wholesale loads for the 12 month period ending July 2015
- Retail loads for the 12 month period ending July 2015
- Line (8) ÷ Line (9), rounded to five decimal places
- Schedule JDW-2 Exhibit 5
- Line (10) x Line (11) / 1000, truncated to five decimal places
- Schedule HMT-5 Page 1, Line 6
- Schedule HMT-7 Page 1, Line 5
- Rate approved in Order No. 25,770 - See Schedule HMT-9 for refunds
- Schedule JDW-2 Exhibit 11
- Line (12) + Line (13) + Line (14) + Line (15) + Line (16) + Line (17)
- Line (7) x Line (12)
- Line (19) total ÷ Line (7) total, truncated after 5 decimal places
- Line (7) x Line (18)
- Line (21) total ÷ Line (7) total, truncated after 5 decimal places

Small Customer Group
(Rates D, D-10, G-3, M, T and V)
Based on Weighted Average Effective Energy Service Prices
November 2015 - July 2016

REDACTED

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

1	August 2015 Residential and Small C&I Energy Service kWhs	26,936,408
2	August 2015 Total Residential and Small C&I kWhs	<u>32,254,469</u>
3	Percentage of Residential and Small C&I Energy Service kWhs to Total Residential & Small C&I kWhs	83.51%

Section 2: Projected Residential and Small C&I Default Service kWhs, November 2015 - July 2016

	November	December	January	February	March	April	May	June	July	Total	
	(a)	(b)	(c)	(d)	(e)	(f)	(f)	(f)	(f)	(g)	
4	Projected Total Company Residential and Small C&I kWhs	30,584,677	36,419,497	41,424,573	37,104,159	35,579,475	32,247,230	28,741,691	31,238,657	36,378,453	309,718,412
5	Percentage of Residential and Small C&I Energy Service kWhs to Total Residential & Small C&I kWhs	<u>83.51%</u>									
6	Projected Residential and Small C&I Energy Service kWhs	25,541,928	30,414,713	34,594,561	30,986,490	29,713,193	26,930,363	24,002,811	26,088,081	30,380,437	258,652,577

Section 3: Residential and Small C&I Default Service Load Weighting for November 2015 - July 2016

7	Projected Residential and Small C&I Energy Service kWhs	25,541,928	30,414,713	34,594,561	30,986,490	29,713,193	26,930,363	24,002,811	26,088,081	30,380,437	258,652,577
8	Wholesale Loads (kWh)										
9	Retail Loads (kWh)										
10	Loss Factor										
11	Wholesale Contract Price (\$/MWh)										
12	Base Residential and Small C&I Energy Service Rate (\$/kWh)	\$0.07522	\$0.09639	\$0.11832	\$0.11330	\$0.08092	\$0.06948	\$0.05417	\$0.05799	\$0.05923	
13	Energy Service Reconciliation Adjustment Factor (\$/kWh)	\$0.00058	\$0.00058	\$0.00058	\$0.00058	\$0.00058	\$0.00058	\$0.00058	\$0.00058	\$0.00058	
14	Energy Service Cost Reclassification Adjustment Factor (\$/kWh)	\$0.00345	\$0.00345	\$0.00345	\$0.00345	\$0.00345	\$0.00345	\$0.00345	\$0.00345	\$0.00345	
15	Border Sales Settlement Adjustment Factor	(\$0.00104)	(\$0.00104)	(\$0.00104)	(\$0.00104)	(\$0.00104)	(\$0.00104)	(\$0.00104)	(\$0.00104)	(\$0.00104)	
16	Proposed Renewable Portfolio Standard Adder (\$/kWh)	<u>\$0.00358</u>	<u>\$0.00358</u>	<u>\$0.00756</u>							
17	Total Estimated Residential and Small C&I Energy Service Price per kWh	\$0.08179	\$0.10296	\$0.12887	\$0.12385	\$0.09147	\$0.08003	\$0.06472	\$0.06854	\$0.06978	
18	Projected Residential and Small C&I Energy Service Base Cost, November 2015 - July 2016	<u>\$1,921,264</u>	<u>\$2,931,674</u>	<u>\$4,093,228</u>	<u>\$3,510,769</u>	<u>\$2,404,392</u>	<u>\$1,871,122</u>	<u>\$1,300,232</u>	<u>\$1,512,848</u>	<u>\$1,799,433</u>	<u>\$21,344,962</u>
19	Weighted Average Base Residential and Small C&I Energy Service Charge for November 2015 - July 2016										\$0.08252
20	Projected Residential and Small C&I Energy Service Cost, November 2015 - July 2016	<u>\$2,089,074</u>	<u>\$3,131,499</u>	<u>\$4,458,201</u>	<u>\$3,837,677</u>	<u>\$2,717,866</u>	<u>\$2,155,237</u>	<u>\$1,553,462</u>	<u>\$1,788,077</u>	<u>\$2,119,947</u>	<u>\$23,851,040</u>
21	Weighted Average Residential and Small C&I Energy Service Charge for May 2015 - October 2015										\$0.09221

- Per Monthly Energy Service Revenue Reports (Rates D, D-10, G-3, M,T,V)
- Per Monthly Total Revenue Reports (Rates D, D-10, G-3, M, T, V)
- Line (1) ÷ Line (2)
- Per Company forecast for residential and small C&I rates (Rates D, D-10, G-3, M, T, V)
- Line (3)
- Line (4) x Line (5)
- Line (6)
- Wholesale loads for the 12 month period ending February 2015
- Retail loads for the 12 month period ending February 2015
- Line (8) ÷ Line (9), rounded to five decimal places
- Schedule JDW-2 Exhibit 5
- Line (10) x Line (11) / 1000, truncated to five decimal places
- Schedule HMT-7 Page 1, Line 6
- Schedule HMT-9 Page 1, Line 5
- Schedule HMT-10 Page 1
- Schedule JDW-2 Exhibit 11
- Line (12) + Line (13) + Line (14) + Line (15) + Line (16) + Line (17)
- Line (7) x Line (12)
- Line (19) total ÷ Line (7) total, truncated after 5 decimal places
- Line (7) x Line (18)
- Line (21) total ÷ Line (7) total, truncated after 5 decimal places

Liberty Utilities
Energy Service Reconciliation
February 2015 Through October 2015

Month	Over/(Under) Beginning Balance (a)	Base Energy Service Revenue (b)	Energy Service Expense (c)	Monthly Over/(Under) (d)	Over/(Under) Ending Balance (e)	Balance Subject to Interest (f)	Effective Interest Rate (g)	Interest (h)	Cumulative Interest (i)
Feb-15	\$0	\$7,832,953	\$10,519,109	(\$2,686,155)	(\$2,686,155)	(\$1,343,078)	3.25%	(\$3,584)	(\$3,584)
Mar-15	(\$2,689,740)	\$8,232,017	\$9,336,553	(\$1,104,536)	(\$3,794,276)	(\$3,242,008)	3.25%	(\$8,652)	(\$12,237)
Apr-15	(\$3,802,928)	\$4,907,144	\$5,545,996	(\$638,852)	(\$4,441,780)	(\$4,122,354)	3.25%	(\$11,002)	(\$23,238)
May-15	(\$4,452,782)	\$3,478,485	\$2,145,080	\$1,333,405	(\$3,119,377)	(\$3,786,079)	3.25%	(\$10,104)	(\$33,343)
Jun-15	(\$3,129,481)	\$3,065,267	\$2,059,979	\$1,005,287	(\$2,124,193)	(\$2,626,837)	3.25%	(\$7,011)	(\$40,353)
Jul-15	(\$2,131,204)	\$2,839,275	\$1,795,755	\$1,043,520	(\$1,087,684)	(\$1,609,444)	3.25%	(\$4,295)	(\$44,649)
Aug-15	(\$1,091,979)	\$3,032,257	\$2,821,555	\$210,702	(\$881,277)	(\$986,628)	3.25%	(\$2,633)	(\$47,282)
* Sep-15	(\$883,910)	\$2,776,638	\$1,597,663	\$1,178,975	\$295,065	(\$294,422)	3.25%	(\$786)	(\$48,068)
* Oct-15	\$294,280	\$2,425,128	\$1,399,115	\$1,026,013	\$1,320,293	\$807,286	3.25%	\$2,154	(\$45,913)
		\$38,589,164	\$37,220,804						
Cumulative Over/(Under) Collection of Energy Service					\$1,322,447				

- (a) Prior Month Column (f) + Prior Month Column (i)
- (b) HMT-3 Page 2
- (c) HMT-3 Page 3
- (d) Column (b) - Column (c)
- (e) Column (a) + Column (d)
- (f) [Column (a) + Column (e)] ÷ 2
- (g) Interest rate on Customer Deposits
- (h) Column (f) x [(1 + Column (g)) ^ (1 ÷ 12) - 1]
- (i) Column (h) + Prior Month Column (i)
- * Projection

Liberty Utilities
 Energy Service Revenue

	Energy Service Revenue (a)	Renewable Portfolio Standard Revenue (b)	Base Energy Service Revenue (c) = (a) - (b)
Feb-15	\$8,119,219	\$286,265	\$7,832,953
Mar-15	\$8,545,851	\$313,833	\$8,232,017
Apr-15	\$5,123,900	\$216,756	\$4,907,144
May-15	\$3,594,313	\$115,828	\$3,478,485
Jun-15	\$3,227,637	\$162,370	\$3,065,267
Jul-15	\$2,985,823	\$146,548	\$2,839,275
Aug-15	\$3,193,997	\$161,739	\$3,032,257
* Sep-15	\$2,927,378	\$150,740	\$2,776,638
* Oct-15	\$2,554,365	\$129,236	\$2,425,128
Total	\$40,272,481	\$1,683,317	\$38,589,164

(a) Monthly Revenue Report

(b) Monthly Revenue Report

*Projection

Liberty Utilities
Energy Service Expense
February 2015 Through October 2015

Energy Service Bill
Total Expense

Feb-15	\$10,519,109
Mar-15	\$9,336,553
Apr-15	\$5,545,996
May-15	\$2,145,080
Jun-15	\$2,059,979
Jul-15	\$1,795,755
Aug-15	\$2,821,555
* Sep-15	\$1,597,663
* Oct-15	\$1,399,115
Total	\$37,220,804

Source: General Ledger payments to suppliers
*Projection

Liberty Utilities
Reconciliation of Energy Service Adjustment Factor Over/(Under)
Balance Incurred February 2015 - October 2015

Month	Beginning Over/(Under) Balance (a)	Energy Service Adjustment Revenue (b)	Ending Over/(Under) Balance (c)	Balance Subject to Interest (d)	Effective Interest Rate (e)	Interest (f)	Cumulative Interest (g)
Feb-15	(\$3,892,397)	(\$59,178)	(\$3,951,575)	(\$3,921,986)	3.25%	(\$10,467)	(\$10,467)
Mar-15	(\$3,962,042)	(\$64,876)	(\$4,026,918)	(\$3,994,480)	3.25%	(\$10,661)	(\$21,128)
Apr-15	(\$4,037,579)	(\$44,808)	(\$4,082,387)	(\$4,059,983)	3.25%	(\$10,835)	(\$31,963)
May-15	(\$4,093,222)	\$186,361	(\$3,906,862)	(\$4,000,042)	3.25%	(\$10,675)	(\$42,638)
Jun-15	(\$3,917,537)	\$261,243	(\$3,656,293)	(\$3,786,915)	3.25%	(\$10,107)	(\$52,745)
Jul-15	(\$3,666,400)	\$235,787	(\$3,430,613)	(\$3,548,506)	3.25%	(\$9,470)	(\$62,215)
Aug-15	(\$3,440,083)	\$260,228	(\$3,179,855)	(\$3,309,969)	3.25%	(\$8,834)	(\$71,049)
* Sep-15	(\$3,188,689)	\$242,531	(\$2,946,157)	(\$3,067,423)	3.25%	(\$8,186)	(\$79,235)
* Oct-15	(\$2,954,343)	\$207,934	(\$2,746,410)	(\$2,850,377)	3.25%	(\$7,607)	(\$86,842)
		\$1,394,085					
							(\$2,833,252)

- (a) March 23, 2015 Energy Service Filing in Docket DE 15-010, Schedule HMT-6 April ending balance, plus prior period under recovery for energy service, plus over collection for RPS as shown in HMT-7 in 3/23/15 filing
- (b) Revenue Reports
- (c) [Column (a) + Column (b)]
- (d) [Column (a) + Column (c)] ÷ 2
- (e) Interest rate on Customer Deposits
- (f) Column (d) x [(1 + Column (e)) ^ (1 ÷ 12) - 1]
- (g) Column (f) + Prior Month Column (g)
- * Projection

Liberty Utilities
 Calculation of Energy Service Adjustment Factor
 Effective November 1, 2015

1 Energy Service Over/(Under) Collection	\$1,322,447
2 Energy Service Adjustment Factor Over/(Under) Collection	(\$2,833,252)
3 RPS Over/(Under) Collection	\$1,295,863
4 Estimated Interest During Period	<u>(\$350)</u>
5 Total Over/(Under) Collection	(\$215,291)
6 Estimated Energy Service kWh Deliveries	367,308,839
7 Energy Service Adjustment Factor per kWh	\$0.00058

- 1 Schedule HMT-3, Page 1 of 3
- 2 Schedule HMT-4, Page 1
- 3 Schedule HMT-8, Page 1 of 3
- 4 HMT-5 P2 Cells K28 + K58
- 5 Line (1) + Line (2) + Line (3)
- 6 Per Company forecast, total company estimated deliveries of multiplied by the percentage of July 2015 deliveries attributable to Energy Service in Schedules HMT-1 & HMT-2
- 7 Line (4) ÷ Line (5), truncated after 5 decimal places

Liberty Utilities
Calculation of Interest on Energy Service Over/(Under)

	Beginning Over/(Under) With Interest (a)	Estimated Recovery (b)	Ending Over/(Under) (c)	Balance Subject to Interest (d)	Effective Interest Rate (e)	Interest (f)	Cumulative Interest (g)
Nov-15	(\$1,510,805)	\$167,867	(\$1,342,938)	(\$1,426,871)	3.25%	(\$3,808)	(\$3,808)
Dec-15	(\$1,346,746)	\$168,343	(\$1,178,402)	(\$1,262,574)	3.25%	(\$3,370)	(\$3,370)
Jan-16	(\$1,181,772)	\$168,825	(\$1,012,947)	(\$1,097,360)	3.25%	(\$2,929)	(\$2,929)
Feb-16	(\$1,015,876)	\$169,313	(\$846,563)	(\$931,220)	3.25%	(\$2,485)	(\$2,485)
Mar-16	(\$849,049)	\$169,810	(\$679,239)	(\$764,144)	3.25%	(\$2,039)	(\$2,039)
Apr-16	(\$681,278)	\$170,320	(\$510,959)	(\$596,119)	3.25%	(\$1,591)	(\$1,591)
May-16	(\$512,550)	\$170,850	(\$341,700)	(\$427,125)	3.25%	(\$1,140)	(\$1,140)
Jun-16	(\$342,840)	\$171,420	(\$171,420)	(\$257,130)	3.25%	(\$686)	(\$686)
Jul-16	(\$172,106)	\$172,106	\$0	(\$86,053)	3.25%	(\$230)	(\$230)
Total Recovery		\$1,528,853					

- (a) HMT-3 P1 (+) HMT-4 P1
- (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)

Calculation of Interest on Renewable Portfolio Standard Over/(Under)

	Beginning Over/(Under) With Interest (a)	Estimated Refund (b)	Ending Over/(Under) (c)	Balance Subject to Interest (d)	Effective Interest Rate (e)	Interest (f)	Cumulative Interest (g)
Jul-15	\$1,295,863		\$1,295,863	\$1,295,863	3.25%	\$3,458	\$3,458
Aug-15	\$1,299,322		\$1,299,322	\$1,299,322	3.25%	\$3,468	\$3,468
Sep-15	\$1,302,790		\$1,302,790	\$1,302,790	3.25%	\$3,477	\$3,477
Oct-15	\$1,306,266		\$1,306,266	\$1,306,266	3.25%	\$3,486	\$3,486
Nov-15	\$1,309,753	(\$163,719)	\$1,146,034	\$1,227,893	3.25%	\$3,277	\$3,277
Dec-15	\$1,149,311	(\$164,187)	\$985,123	\$1,067,217	3.25%	\$2,848	\$2,848
Jan-16	\$987,972	(\$164,662)	\$823,310	\$905,641	3.25%	\$2,417	\$2,417
Feb-16	\$825,727	(\$165,145)	\$660,581	\$743,154	3.25%	\$1,983	\$1,983
Mar-16	\$662,565	(\$165,641)	\$496,923	\$579,744	3.25%	\$1,547	\$1,547
Apr-16	\$498,471	(\$166,157)	\$332,314	\$415,392	3.25%	\$1,109	\$1,109
May-16	\$333,422	(\$166,711)	\$166,711	\$250,067	3.25%	\$667	\$667
Jun-16	\$167,379	(\$167,379)	(\$0)	\$83,689	3.25%	\$223	\$223
Total Recovery		(\$1,323,601)					

- (a) HMT-8 P1
- (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)

Liberty Utilities
Energy Service Cost Reclassification Adjustment Factor Reconciliation
February 2015 Through October 2015

Month	Beginning Balance (a)	Revenue (b)	Expense (c)	Monthly Over/(Under) (d)	Ending Balance (e)	Balance Subject to Interest (f)	Interest Rate (g)	Interest (h)	Cumulative Interest (i)
Feb-15	(\$247,956)	\$18,026	\$76,748	(\$58,722)	(\$306,678)	(\$277,317)	3.25%	(\$740)	(\$740)
Mar-15	(\$307,418)	\$19,398	\$75,569	(\$56,171)	(\$363,589)	(\$335,504)	3.25%	(\$895)	(\$1,636)
Apr-15	(\$364,484)	\$13,320	\$59,664	(\$46,344)	(\$410,828)	(\$387,656)	3.25%	(\$1,035)	(\$2,670)
May-15	(\$411,863)	\$31,706	\$47,402	(\$15,696)	(\$427,559)	(\$419,711)	3.25%	(\$1,120)	(\$3,790)
Jun-15	(\$428,679)	\$42,937	\$46,512	(\$3,574)	(\$432,253)	(\$430,466)	3.25%	(\$1,149)	(\$4,939)
Jul-15	(\$433,402)	\$39,790	\$45,553	(\$5,764)	(\$439,166)	(\$436,284)	3.25%	(\$1,164)	(\$6,103)
Aug-15	(\$440,330)	\$45,217	\$50,922	(\$5,705)	(\$446,035)	(\$443,183)	3.25%	(\$1,183)	(\$7,286)
* Sep-15	(\$447,218)	\$42,052	\$46,766	(\$4,713)	(\$451,931)	(\$449,575)	3.25%	(\$1,200)	(\$8,486)
* Oct-15	(\$453,131)	\$35,637	\$29,908	\$5,729	(\$447,402)	(\$450,267)	3.25%	(\$1,202)	(\$9,688)
		\$288,083	\$479,043						

Cumulative Over/(Under) Collection of Energy Service Administrative Costs (\$459,954)

- (a) Beginning Balance: Ending balance from March 23, 2015 DE 15-010 filing HMT-8 P1
- (b) Revenue Reports
- (c) HMT-6 Page 2
- (d) Column (b) - Column (c)
- (e) Column (a) + Column (d)
- (f) [Column (a) + Column (d)] ÷ 2
- (g) Interest Rate on Customer Deposits
- (h) Column (f) x [(1 + Column (g)) ^ (1 ÷ 12) - 1]
- (i) Column (h) + Prior Month Column (i)
- * Projection

Liberty Utilities
 Energy Service Cost Reclassification Adjustment Expenses
 February 2015 Through October 2015

	Payroll and Other Admin Expenses (a)	Bad Debt Expense (b)	Cash Working Capital Expense (c)	Total Expense (d)
Feb-15	\$2,612	\$37,867	\$36,269	\$76,748
Mar-15	\$5,205	\$37,867	\$32,498	\$75,569
Apr-15	\$2,690	\$37,867	\$19,107	\$59,664
May-15	\$2,069	\$37,867	\$7,466	\$47,402
Jun-15	\$2,897	\$37,867	\$5,748	\$46,512
Jul-15	\$3,932	\$37,867	\$3,755	\$45,553
Aug-15	\$3,234	\$37,867	\$9,821	\$50,922
* Sep-15	\$3,338	\$37,867	\$5,561	\$46,766
* Oct-15	\$3,027	\$37,867	(\$10,985)	\$29,908
Total	\$29,003	\$340,800	\$109,240	\$479,043

- (a) Per general ledger and invoices
- (b) DE 15-010 Schedule HMT-6, Workpaper 2
- (c) HMT-6 Page 3 (+) HMT-6 Page 4
- (d) Column (a) + Column (b) + Column (c)
- * Projection

Liberty Utilities
Energy Service Cost Reclassification Adjustment Expenses
February 2015 Through October 2015

	Total Power Procurement Energy Service Expenses (a)	CWC % (b)	Working Capital Requirement (c)	Prime Interest Rate (d)	Working Capital Impact (e)
Feb-15	\$10,519,109	10.71%	\$1,126,597	3.25%	\$36,614
Mar-15	\$9,336,553	10.71%	\$999,945	3.25%	\$32,498
Apr-15	\$5,545,996	10.71%	\$593,976	3.25%	\$19,304
May-15	\$2,145,080	10.71%	\$229,738	3.25%	\$7,466
Jun-15	\$2,059,979	10.71%	\$220,624	3.25%	\$7,170
Jul-15	\$1,795,755	10.71%	\$192,325	3.25%	\$6,251
Aug-15	\$2,821,555	10.71%	\$302,189	3.25%	\$9,821
* Sep-15	\$1,597,663	10.71%	\$171,110	3.25%	\$5,561
* Oct-15	\$1,399,115	10.71%	\$149,845	3.25%	\$4,870
Total	\$37,220,804		\$3,986,348		\$129,556

- (a) DE 15-010 Schedule HMT-3, Page 3, Column (c)
- (b) DE 15-010 Schedule HMT-7, Workpaper 5, Page 1, Line (1) Column (d)
- (c) Column (a) x Column (b)
- (d) Prime Interest Rate - Interest Rate on Customer Deposits
- (e) Column (c) x Column (d)
- * Projection

Liberty Utilities
Energy Service Cost Reclassification Adjustment Expenses
February 2015 Through October 2015

	RPS Expenses (a)	CWC % (b)	Working Capital Requirement (c)	Prime Interest Rate (d)	Working Capital Impact (e)
Feb-15	\$24,108	-44.07%	(\$10,624)	3.25%	(\$345)
Mar-15	\$0	-44.07%	\$0	3.25%	\$0
Apr-15	\$13,778	-44.07%	(\$6,072)	3.25%	(\$197)
May-15	\$0	-44.07%	\$0	3.25%	\$0
Jun-15	\$99,311	-44.07%	(\$43,766)	3.25%	(\$1,422)
Jul-15	\$174,244	-44.07%	(\$76,789)	3.25%	(\$2,496)
Aug-15	\$0	-44.07%	\$0	3.25%	\$0
* Sep-15	\$0	-44.07%	\$0	3.25%	\$0
* Oct-15	\$1,107,006	-44.07%	(\$487,858)	3.25%	(\$15,855)
Total	\$1,418,448		(\$625,110)		(\$20,316)

- (a) Schedule HMT-8, Page 3
- (b) HMT-7 WP 5 Page 1
- (c) Column (a) x Column (b)
- (d) Prime Interest Rate - Interest Rate on Customer Deposits
- (e) Column (c) x Column (d)
- * Projection

Liberty Utilities
 Calculation of Energy Service Cost Reclassification Adjustment Factors

	<u>Total</u>	<u>Residential and Small C&I</u>	<u>Medium and Large C&I</u>
(1) Total Estimated Commodity Related Costs	\$459,087	\$446,616	\$12,471
(2) Undercollection Related to Energy Service Cost Reclassification Adjustment Factor	(\$459,954)	(\$447,460)	(\$12,495)
(3) Net Estimated Commodity Related Costs	\$919,041	\$894,076	\$24,966
(4) Estimated Energy Service kWh Deliveries	<u>367,308,839</u>	<u>258,652,577</u>	<u>108,656,262</u>
(5) 2015 Energy Service Cost Reclassification Adjustment Factor per kWh	\$0.00250	\$0.00345	\$0.00022

- (1) Schedule HMT-7, Page 2, Line 4
- (2) Schedule HMT-6, Page 1
- (3) Line (1) - Line (2)
- (4) Per Company forecast, total company estimated deliveries of multiplied by the percentage of July 2015 deliveries attributable to Energy Service in Schedules HMT-1 & HMT-2
- (5) Line (3) ÷ Line (4), truncated after 5 decimal places

Liberty Utilities
 Calculation of Energy Service Cost Reclassification Adjustment Factors

	<u>Total</u>	<u>Residential and Small C&I</u>	<u>Medium and Large C&I</u>
<u>Wholesale Costs:</u>			
(1) Procurement and Ongoing Administration Costs	\$29,003	\$14,502	\$14,502
<u>Direct Retail:</u>			
(2) Bad Debt Expense	<u>\$454,399</u>	<u>\$446,327</u>	<u>\$8,072</u>
<u>Cash Working Capital:</u>			
(3) Working Capital Impact	<u>(\$24,316)</u>	<u>(\$14,213)</u>	<u>(\$10,103)</u>
(4) Total Estimated Commodity Related Costs	\$459,086	\$446,616	\$12,471

- (1) Schedule HMT-6 Page 2, allocated evenly
- (2) Estimated based on actual 2014 net charge-offs. Allocated to customer group based on net charge-off method agreed to in the settlement in DE 05-126. Workpaper 2, Page 1, Section 5, Line (3)
- (3) Estimated based on actual 2014 supply invoices estimated RPS Obligations and customer billing. Workpaper 5, page 1, Line (5). Allocated to customer group based on DR 95-169 allocation.
- (4) Line (3) + Line (4) + Line (5)

Liberty Utilities
Renewable Portfolio Standard Reconciliation
2014 Program Year

Month	Beginning Balance (a)	Revenue (b)	Adjustment (c)	Expense (d)	Monthly Over/(Under) (e)	Ending Balance (f)	Balance Subject to Interest (g)	Interest Rate (h)	Interest (i)	Cumulative Interest (j)
Jan-14	\$0	\$284,761		\$10,455	\$274,306	\$274,306	\$137,153	3.25%	\$366	\$366
Feb-14	\$274,672	\$272,442		\$0	\$272,442	\$547,114	\$410,893	3.25%	\$1,097	\$1,463
Mar-14	\$548,211	\$267,418		\$0	\$267,418	\$815,628	\$681,919	3.25%	\$1,820	\$3,283
Apr-14	\$817,448	\$230,471		\$9,991	\$220,480	\$1,037,928	\$927,688	3.25%	\$2,476	\$5,758
May-14	\$1,040,404	\$178,368		\$0	\$178,368	\$1,218,772	\$1,129,588	3.25%	\$3,015	\$8,773
Jun-14	\$1,221,786	\$173,115	(\$1,609,906)	\$1,415,124	\$367,897	\$1,589,683	\$1,405,735	3.25%	\$3,752	\$12,525
Jul-14	\$1,593,435	\$189,983		\$174,244	\$15,739	\$1,609,174	\$1,601,304	3.25%	\$4,274	\$16,798
Aug-14	\$1,613,448	\$194,439		\$0	\$194,439	\$1,807,886	\$1,710,667	3.25%	\$4,565	\$21,364
Sep-14	\$1,812,452	\$191,200		\$0	\$191,200	\$2,003,652	\$1,908,052	3.25%	\$5,092	\$26,456
Oct-14	\$2,008,744	\$205,712		\$1,107,006	(\$901,294)	\$1,107,450	\$1,558,097	3.25%	\$4,158	\$30,614
Nov-14	\$1,111,608	\$160,364		\$230,168	(\$69,804)	\$1,041,804	\$1,076,706	3.25%	\$2,874	\$33,488
Dec-14	\$1,044,677	\$163,964		\$0	\$163,964	\$1,208,641	\$1,126,659	3.25%	\$3,007	\$36,495
Jan-15	\$1,211,648	\$274,116		\$24,697	\$249,419	\$1,461,068	\$1,336,358	3.25%	\$3,566	\$40,061
Feb-15	\$1,215,215	\$286,265		\$24,108	\$262,157	\$1,477,372	\$1,346,294	3.25%	\$3,593	\$43,654
Mar-15	\$1,218,808	\$313,833		\$0	\$313,833	\$1,532,641	\$1,375,725	3.25%	\$3,672	\$47,326
Apr-15	\$1,222,479	\$216,756		\$13,778	\$202,977	\$1,425,457	\$1,323,968	3.25%	\$3,533	\$50,859
May-15	\$1,226,013	\$115,828		\$0	\$115,828	\$1,341,841	\$1,283,927	3.25%	\$3,427	\$54,286
Jun-15	\$1,229,439	\$162,370		\$99,311	\$63,059	\$1,292,498	\$1,260,969	3.25%	\$3,365	\$57,651
		\$3,881,405	(\$1,609,906)	\$3,108,882						

Cumulative Over/(Under) Collection of RPS Compliance Costs \$1,295,863

- (a) Ending balance (f) + interest (i)
- (b) 2014 & 2015 Revenues
- (c) June 2014: Reversal of estimate of expense to be incurred to purchase remaining 2013 obligation included in Schedule DBS-5 filed in Docket No. DE 14-031
- (d) HMT-8 Page 3
- (e) Column (b) - Column (c) - Column (d)
- (f) Column (a) + Column (e)

Liberty Utilities
Renewable Portfolio Adder Revenue

Month	Small Customer	Renewable	Renewable	Large Customer	Renewable	Renewable	Total
	Group	Portfolio	Portfolio	Group	Portfolio	Portfolio	Renewable
	kWh	Standard	Standard	kWh	Standard	Standard	Portfolio
	Deliveries	Adder	Revenue	Deliveries	Adder	Revenue	Standard
	(a)	(b)	(c)	(d)	(e)	(f)	(g)
Jan-14	14,669,313	\$0.00525	\$77,014	5,513,172	\$0.00525	\$28,944	\$105,958
Feb-14	34,242,469	\$0.00525	\$179,773	16,757,455	\$0.00553	\$92,669	\$272,442
Mar-14	33,922,240	\$0.00525	\$178,092	16,152,973	\$0.00553	\$89,326	\$267,418
Apr-14	28,080,870	\$0.00525	\$147,425	15,017,453	\$0.00553	\$83,047	\$230,471
May-14	26,047,694	\$0.00434	\$113,047	15,050,853	\$0.00434	\$65,321	\$178,368
Jun-14	24,691,381	\$0.00434	\$107,161	15,196,848	\$0.00434	\$65,954	\$173,115
Jul-14	26,237,697	\$0.00434	\$113,872	17,537,190	\$0.00434	\$76,111	\$189,983
Aug-14	29,691,978	\$0.00434	\$128,863	15,109,586	\$0.00434	\$65,576	\$194,439
Sep-14	28,524,325	\$0.00434	\$123,796	15,530,950	\$0.00434	\$67,404	\$191,200
Oct-14	28,869,427	\$0.00434	\$125,293	18,529,634	\$0.00434	\$80,419	\$205,712
Nov-14	26,614,656	\$0.00398	\$105,926	13,677,801	\$0.00398	\$54,438	\$160,364
Dec-14	25,564,514	\$0.00398	\$101,747	15,632,545	\$0.00398	\$62,218	\$163,964
Jan-15	33,680,406	\$0.00595	\$200,398	12,389,537	\$0.00595	\$73,718	\$274,116
Feb-15	33,823,428	\$0.00595	\$201,249	14,288,412	\$0.00595	\$85,016	\$286,265
Mar-15	35,429,428	\$0.00595	\$210,805	17,315,680	\$0.00595	\$103,028	\$313,833
Apr-15	24,115,264	\$0.00595	\$143,486	12,314,276	\$0.00595	\$73,270	\$216,756
May-15	21,486,471	\$0.00358	\$76,922	10,867,817	\$0.00358	\$38,907	\$115,828
Jun-15	28,968,246	\$0.00358	\$103,706	16,386,521	\$0.00358	\$58,664	\$162,370

- (a) Monthly Energy Service Revenue Report
- (b) Approved RPS Adder
- (c) Column (a) x Column (b)
- (d) Monthly Energy Service Revenue Report
- (e) Approved RPS Adder
- (f) Column (d) x Column (e)
- (g) Column (c) + Column (f)

Liberty Utilities
 Renewable Portfolio Standard Expenses

2014 Program Year
 Renewable Portfolio
 Standard Expenses

<u>Month</u>	2014 (a)
Jan-14	\$10,455
Feb-14	\$0
Mar-14	\$0
Apr-14	\$9,991
May-14	\$0
Jun-14	\$1,415,124
Jul-14	\$174,244
Aug-14	\$0
Sep-14	\$0
Oct-14	\$1,107,006
Nov-14	\$230,168
Dec-14	\$0
Jan-15	\$24,697
Feb-15	\$24,108
Mar-15	\$0
Apr-15	\$13,778
May-15	\$0
Jun-15	<u>\$99,311</u>
Total	\$1,673,313

(a) From Invoices for RECs, June Includes ACP Payment

Liberty Utilities
Calculation of Border Sales Settlement Adjustment Factor

Month	Beginning Balance With Interest	Refund	Ending Balance	Balance Subject to Interest	Effective Interest Rate	Interest	Cumulative Interest
	(a)	(b)	(c)	(d)	(e)	(f)	(g)
May 2014	\$615,963		\$615,963	\$615,963	3.25%	\$1,644	\$1,644
June	\$617,607		\$617,607	\$617,607	3.25%	\$1,648	\$3,292
July	\$619,255		\$619,255	\$619,255	3.25%	\$1,653	\$4,945
August	\$620,908		\$620,908	\$620,908	3.25%	\$1,657	\$6,602
September	\$622,565		\$622,565	\$622,565	3.25%	\$1,662	\$8,263
October	\$624,227		\$624,227	\$624,227	3.25%	\$1,666	\$9,929
November	\$625,893		\$625,893	\$625,893	3.25%	\$1,670	\$11,600
December	\$627,563		\$627,563	\$627,563	3.25%	\$1,675	\$13,275
January 2015	\$629,238		\$629,238	\$629,238	3.25%	\$1,679	\$14,954
February	\$630,917		\$630,917	\$630,917	3.25%	\$1,684	\$16,638
March	\$632,601		\$632,601	\$632,601	3.25%	\$1,688	\$18,326
April	\$634,289		\$634,289	\$634,289	3.25%	\$1,693	\$20,019
May	\$635,982	(\$33,648)	\$602,334	\$619,158	3.25%	\$1,652	\$21,671
June	\$603,986	(\$47,169)	\$556,817	\$580,402	3.25%	\$1,549	\$23,220
July	\$558,366	(\$42,573)	\$515,793	\$537,080	3.25%	\$1,433	\$24,654
August	\$517,227	(\$46,986)	\$470,241	\$493,734	3.25%	\$1,318	\$25,971
* September	\$471,559	(\$43,790)	\$427,768	\$449,664	3.25%	\$1,200	\$27,171
* October	\$428,968	(\$37,544)	\$391,425	\$410,197	3.25%	\$1,095	\$28,266
* November	\$392,520	(\$38,341)	\$354,179	\$373,349	3.25%	\$996	\$29,262
* December	\$355,175	(\$43,791)	\$311,384	\$333,280	3.25%	\$889	\$30,152
* January 2016	\$312,274	(\$48,479)	\$263,795	\$288,034	3.25%	\$769	\$30,921
* February	\$264,564	(\$44,561)	\$220,003	\$242,283	3.25%	\$647	\$31,567
* March	\$220,649	(\$43,068)	\$177,582	\$199,116	3.25%	\$531	\$32,099
* April	\$178,113	(\$39,908)	\$138,205	\$158,159	3.25%	\$422	\$32,521
* May	\$138,627	(\$36,978)	\$101,649	\$120,138	3.25%	\$321	\$32,841
* June	\$101,970	(\$40,408)	\$61,562	\$81,766	3.25%	\$218	\$33,060
* July	\$61,780	(\$46,468)	\$15,312	\$38,546	3.25%	\$103	\$33,162
Total Refund to Date		(\$633,711)					
Refund Remaining		(17,748)					

- (a) May 2014 Actual Energy Service Border Sales Settlement Amount; 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)
- * Projection

Liberty Utilities
Bad Debt Expense
Calculation of 2014 Net Charge-Offs

	2014
(1) Bad Debt Reserve @ January 1, 2014	\$809,746
(2) Plus Additions to Reserve during 2014	\$1,397,511
(3) Less Bad Debt Reserve @ December 31, 2014	<u>\$1,408,351</u>
(4) 2014 Net Charge-Offs	\$798,906

- (1) Internal Financial Statements
- (2) Internal Financial Statements
- (3) Internal Financial Statements
- (4) Line (1) + Line (2) - Line (3)

Liberty Utilities
Allocation of 2014 Net Charge-Offs to Energy Service

	<u>Total</u>	<u>D</u>	<u>T</u>	<u>D-10</u>	<u>G-3</u>	<u>G-2</u>	<u>G-1</u>	<u>M</u>	<u>V</u>	
<u>Section 1: Allocation of 2013 Net Charge-Offs to Rate Classes</u>										
(1)	2014 Net Charge-Offs for All Accounts	\$748,610	\$680,682	\$6,392	\$300	\$47,647	\$13,338	\$0	\$251	\$0
(2)	Allocator Based on Net Charge-Offs for All Accounts	100.00%	90.93%	0.85%	0.04%	6.36%	1.78%	0.00%	0.03%	0.00%
(3)	2014 Net Charge-Offs	\$798,906								
(4)	Allocation of 2014 Net Charge-Offs to Rate Classes	\$798,906	\$726,415	\$6,821	\$320	\$50,848	\$14,235	\$0	\$268	\$0
(1)	Workpaper 3, Page 1, Section 3, Line (1)									
(2)	Line (1), each rate class as a percent of the total									
(3)	Workpaper 1, Line (4)									
(4)	Line (2) x Line (3)									

<u>Section 2: Energy Service Accounts as a Percentage of All Accounts</u>										
(1)	2014 Net Charge-Offs for Energy Service Accounts	\$708,068	\$644,122	\$5,987	\$300	\$44,609	\$12,800	\$0	\$251	\$0
(2)	2014 Net Charge-Offs for Commodity Accounts	\$708,068	\$644,122	\$5,987	\$300	\$44,609	\$12,800	\$0	\$251	\$0
(3)	2014 Net Charge-Offs for All Accounts	\$748,610	\$680,682	\$6,392	\$300	\$47,647	\$13,338	\$0	\$251	\$0
(4)	Percentage of Charge-Offs Related to Energy Service Accounts, by Rate Class		94.63%	93.67%	100.00%	93.62%	95.96%	0.00%	100.00%	0.00%
(1)	Workpaper 4, Page 1, Section 3, Line (1)									
(2)	Line (1) + Line (2)									
(3)	Section 1, Line (1)									
(4)	Line (2) ÷ Line (3)									

<u>Section 3: Allocation of 2014 Net Charge-Offs to Energy Service Accounts</u>										
(1)	Allocation of 2014 Net Charge-Offs to Rate Classes	\$798,906	\$726,415	\$6,821	\$320	\$50,848	\$14,235	\$0	\$268	\$0
(2)	Percentage of Charge-Offs Related to									
(3)	Energy Service Accounts, by Rate Class		94.63%	93.67%	100.00%	93.62%	95.96%	0.00%	100.00%	0.00%
(4)	Allocated Share of 2014 Net Charge-Offs for Energy Service Accounts, by Rate Class	\$755,640	\$687,398	\$6,389	\$320	\$47,606	\$13,660	\$0	\$268	\$0
(1)	Section 1, Line (4)									
(2)	Section 2, Line (3)									
(3)	Line (1) x Line (2)									

<u>Section 4: Commodity Billing Charge-Offs as a Percentage of Energy Service Accounts Charged Off</u>										
(1)	Estimate of Energy Service Billing Charge-Offs	\$425,792	\$388,629	\$3,476	\$161	\$25,892	\$7,564	\$0	\$70	\$0
(2)	2014 Net Charge-Offs for Commodity Accounts	\$708,068	\$644,122	\$5,987	\$300	\$44,609	\$12,800	\$0	\$251	\$0
(3)	Percentage of Commodity Charge-Offs Related to Commodity Billings, by Rate Class		60.33%	58.06%	53.78%	58.04%	59.10%	0.00%	27.93%	0.00%
(1)	Workpaper 4, Page 1, Section 3, Line (2)									
(2)	Line (1) + Line (2)									
(3)	Section 2, Line (1)									
(4)	Line (1) ÷ Line (2)									

<u>Section 5: Allocation of Estimated Commodity Charge-Offs to Commodity Billings</u>										
(1)	Percentage of Commodity Charge-Offs Related to Commodity Billings, by Rate Class		60.33%	58.06%	53.78%	58.04%	59.10%	0.00%	27.93%	0.00%
(2)	Allocated Share of 2014 Net Charge-Offs for Energy Service Accounts, by Rate Class	\$755,640	\$687,398	\$6,389	\$320	\$47,606	\$13,660	\$0	\$268	\$0
(3)	Allocated Share of 2014 Net Charge-Offs for Energy Service Billings, by Rate Class	\$454,400	\$414,739	\$3,710	\$172	\$27,631	\$8,072	\$0	\$75	\$0
(1)	Section 4, Line (3)									
(2)	Section 3, Line (3)									
(3)	Line (1) x Line (2)									

Liberty Utilities
 Estimated Energy Service Net Charge Off

	<u>Total</u>	<u>D</u>	<u>T</u>	<u>D-10</u>	<u>G-3</u>	<u>G-2</u>	<u>G-1</u>	<u>M</u>	<u>V</u>	
Section 1: Gross Charge Offs for Energy Service Accounts										
(1)	Amount of C/O for Energy Service Accounts	\$748,610	\$680,682	\$6,392	\$300	\$47,647	\$13,338	\$0	\$251	\$0
(2)	Energy Service-Related Charge-Off	\$445,850	\$406,543	\$3,688	\$161	\$27,529	\$7,859	\$0	\$70	\$0

(1) Page 2 of 3
 (2) Page 2 of 3

Section 2: Recoveries for Energy Service Accounts										
(1)	Amount of Recovery for Energy Service Accounts	(\$40,542)	(\$36,561)	(\$405)	\$0	(\$3,038)	(\$539)	\$0	\$0	\$0
(2)	Energy Service-Related Recovery	(\$20,058)	(\$17,914)	(\$212)	\$0	(\$1,637)	(\$295)	\$0	\$0	\$0

(1) Page 3 of 3
 (2) Page 3 of 3

Section 3: Total Company Amounts for Energy Service Accounts										
(1)	Net C/O for Energy Service Accounts	\$708,068	\$644,122	\$5,987	\$300	\$44,609	\$12,800	\$0	\$251	\$0
(2)	Energy Service-Related Net C/O	\$425,792	\$388,629	\$3,476	\$161	\$25,892	\$7,564	\$0	\$70	\$0

(1) Section 1, Line (1) + Section 2, Line (1)
 (2) Section 1, Line (2) + Section 2, Line (2)

Liberty Utilities
Estimated Energy Service Charge Offs for Energy Service Accounts

Month of Charge-Off	2014												Annual Total
	January	February	March	April	May	June	July	August	September	October	November	December	
Rate D													
(1) Amount of C/O for Energy Service Accounts	\$31,289	\$35,518	\$28,866	\$27,503	\$21,929	\$49,553	\$0	\$8,504	\$0	\$591	\$422,536	\$54,393	\$680,682
(2) Month for Rate Application	July	August	September	October	November	December	January	February	March	April	May	June	
(3) Energy Service Rate as a % of Total Rate	48.5610%	48.5407%	48.5407%	48.5407%	48.5407%	53.3211%	57.4894%	61.0274%	64.0680%	64.2614%	64.2614%	59.9017%	
(4) Energy Service-Related Charge-Off	\$15,194	\$17,241	\$14,012	\$13,350	\$10,645	\$26,422	\$0	\$5,189	\$0	\$380	\$271,528	\$32,582	\$406,543
Rate T													
(1) Amount of C/O for Energy Service Accounts	\$0	\$3,183	\$0	\$0	\$0	\$1,379	\$0	\$83	\$0	\$0	\$1,746	\$0	\$6,392
(2) Month for Rate Application	July	August	September	October	November	December	January	February	March	April	May	June	
(3) Energy Service Rate as a % of Total Rate	52.8288%	52.3009%	52.3009%	52.3009%	52.3009%	57.0411%	61.1458%	64.5929%	67.5286%	67.7383%	67.7383%	64.6573%	
(4) Energy Service-Related Charge-Off	\$0	\$1,665	\$0	\$0	\$0	\$787	\$0	\$54	\$0	\$0	\$1,183	\$0	\$3,688
Rate D-10													
(1) Amount of C/O for Energy Service Accounts	\$0	\$0	\$64	\$0	\$0	\$220	\$0	\$0	\$0	\$0	\$15	\$0	\$300
(2) Month for Rate Application	July	August	September	October	November	December	January	February	March	April	May	June	
(3) Energy Service Rate as a % of Total Rate	50.5833%	56.3994%	56.1533%	56.5049%	53.5856%	52.5726%	52.5726%	52.5726%	52.5726%	57.3079%	61.4044%	64.8417%	
(4) Energy Service-Related Charge-Off	\$0	\$0	\$36	\$0	\$0	\$116	\$0	\$0	\$0	\$0	\$9	\$0	\$161
Rate G-3													
(1) Amount of C/O for Energy Service Accounts	\$486	\$1,563	\$1,922	\$2,025	\$9,131	\$4,904	\$0	\$0	\$0	\$0	\$26,399	\$1,217	\$47,647
(2) Month for Rate Application	July	August	September	October	November	December	January	February	March	April	May	June	
(3) Energy Service Rate as a % of Total Rate	50.5833%	56.3994%	56.1533%	56.5049%	51.7410%	52.1807%	52.1807%	52.1807%	52.1807%	56.9230%	61.0255%	64.4714%	
(4) Energy Service-Related Charge-Off	\$246	\$882	\$1,079	\$1,145	\$4,724	\$2,559	\$0	\$0	\$0	\$0	\$16,110	\$785	\$27,529
Rate G-2													
(1) Amount of C/O for Energy Service Accounts	\$3,708	\$1,463	\$0	\$1,736	\$539	\$0	\$0	\$0	\$0	\$0	\$5,893	\$0	\$13,338
(2) Month for Rate Application	July	August	September	October	November	December	January	February	March	April	May	June	
(3) Energy Service Rate as a % of Total Rate	61.2269%	48.8002%	49.2781%	51.0003%	54.7148%	53.2043%	53.2043%	53.2043%	53.2043%	58.3160%	62.6990%	66.3254%	
(4) Energy Service-Related Charge-Off	\$2,270	\$714	\$0	\$885	\$295	\$0	\$0	\$0	\$0	\$0	\$3,695	\$0	\$7,859
Rate G-1													
(1) Amount of C/O for Energy Service Accounts	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
(2) Month for Rate Application	July	August	September	October	November	December	January	February	March	April	May	June	
(3) Energy Service Rate as a % of Total Rate	66.2882%	29.2568%	29.7595%	31.1178%	50.7880%	44.0472%	44.0472%	44.0472%	44.0472%	56.0494%	64.1440%	69.8588%	
(4) Energy Service-Related Charge-Off	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Rate M													
(1) Amount of C/O for Energy Service Accounts	\$0	\$0	\$0	\$0	\$0	\$251	\$0	\$0	\$0	\$0	\$0	\$0	\$251
(2) Month for Rate Application	July	August	September	October	November	December	January	February	March	April	May	June	
(3) Energy Service Rate as a % of Total Rate	30.1731%	33.4878%	32.4882%	31.7234%	28.3145%	27.9278%	27.9278%	27.9278%	27.9278%	31.9381%	35.5666%	38.8389%	
(4) Energy Service-Related Charge-Off	\$0	\$0	\$0	\$0	\$0	\$70	\$0	\$0	\$0	\$0	\$0	\$0	\$70
Rate V													
(1) Amount of C/O for Energy Service Accounts	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
(2) Month for Rate Application	July	August	September	October	November	December	January	February	March	April	May	June	
(3) Energy Service Rate as a % of Total Rate	51.9561%	57.2848%	56.4950%	56.4289%	51.6511%	52.0642%	52.0642%	52.0642%	52.0642%	56.8085%	60.9127%	64.3610%	
(4) Energy Service-Related Charge-Off	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Amount of C/O for Energy Service Accounts	\$35,482	\$41,728	\$30,853	\$31,264	\$31,599	\$56,308	\$0	\$8,587	\$0	\$591	\$456,589	\$55,610	\$748,610
Total Energy Service-Related Charge-Offs	\$17,710	\$20,502	\$15,127	\$15,380	\$15,664	\$29,954	\$0	\$5,243	\$0	\$380	\$292,524	\$33,367	\$445,850

Liberty Utilities
Estimated Electronic Energy Service Recoveries for Energy Service Accounts

Month of Recovery	2014												Annual Total	
	January	February	March	April	May	June	July	August	September	October	November	December		
Rate D														
(1) Amount of Recovery for Energy Service Accounts	(\$3,675)	(\$7,938)	(\$8,605)	(\$9,337)	(\$3,514)	(\$3,492)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$36,561)
(2) Month for Rate Application	July	August	September	October	November	December	January	February	March	April	May	June		
(3) Energy Service Rate as a % of Total Rate	48.5610%	48.5407%	48.5407%	48.5407%	48.5407%	53.3211%	57.4894%	61.0274%	64.0680%	64.2614%	64.2614%	59.9017%		
(4) Energy Service-Related Recovery	(\$1,784)	(\$3,853)	(\$4,177)	(\$4,532)	(\$1,706)	(\$1,862)	\$0	\$0	\$0	\$0	\$0	\$0		(\$17,914)
Rate T														
(1) Amount of Recovery for Energy Service Accounts	(\$50)	(\$52)	(\$250)	(\$53)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$405)
(2) Month for Rate Application	July	August	September	October	November	December	January	February	March	April	May	June		
(3) Energy Service Rate as a % of Total Rate	52.8288%	52.3009%	52.3009%	52.3009%	52.3009%	57.0411%	61.1458%	64.5929%	67.5286%	67.7383%	67.7383%	64.6573%		
(4) Energy Service-Related Recovery	(\$26)	(\$27)	(\$131)	(\$28)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0		(\$212)
Rate D-10														
(1) Amount of Recovery for Energy Service Accounts	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
(2) Month for Rate Application	July	August	September	October	November	December	January	February	March	April	May	June		
(3) Energy Service Rate as a % of Total Rate	50.5833%	56.3994%	56.1533%	56.5049%	53.5856%	52.5726%	52.5726%	52.5726%	52.5726%	57.3079%	61.4044%	64.8417%		
(4) Energy Service-Related Recovery	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0		\$0
Rate G-3														
(1) Amount of Recovery for Energy Service Accounts	(\$49)	\$0	(\$610)	(\$771)	(\$1,111)	(\$403)	(\$94)	\$0	\$0	\$0	\$0	\$0	\$0	(\$3,038)
(2) Month for Rate Application	July	August	September	October	November	December	January	February	March	April	May	June		
(3) Energy Service Rate as a % of Total Rate	50.5833%	56.3994%	56.1533%	56.5049%	51.7410%	52.1807%	52.1807%	52.1807%	52.1807%	56.9230%	61.0255%	64.4714%		
(4) Energy Service-Related Recovery	(\$25)	\$0	(\$342)	(\$436)	(\$575)	(\$210)	(\$49)	\$0	\$0	\$0	\$0	\$0		(\$1,637)
Rate G-2														
(1) Amount of Recovery for Energy Service Accounts	\$0	\$0	\$0	\$0	(\$539)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$539)
(2) Month for Rate Application	July	August	September	October	November	December	January	February	March	April	May	June		
(3) Energy Service Rate as a % of Total Rate	61.2269%	48.8002%	49.2781%	51.0003%	54.7148%	53.2043%	53.2043%	53.2043%	53.2043%	58.3160%	62.6990%	66.3254%		
(4) Energy Service-Related Recovery	\$0	\$0	\$0	\$0	(\$295)	\$0	\$0	\$0	\$0	\$0	\$0	\$0		(\$295)
Rate G-1														
(1) Amount of Recovery for Energy Service Accounts	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
(2) Month for Rate Application	July	August	September	October	November	December	January	February	March	April	May	June		
(3) Energy Service Rate as a % of Total Rate	66.2882%	29.2568%	29.7595%	31.1178%	50.7880%	44.0472%	44.0472%	44.0472%	44.0472%	56.0494%	64.1440%	69.8588%		
(4) Energy Service-Related Recovery	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0		\$0
Rate M														
(1) Amount of Recovery for Energy Service Accounts	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
(2) Month for Rate Application	July	August	September	October	November	December	January	February	March	April	May	June		
(3) Energy Service Rate as a % of Total Rate	30.1731%	33.4878%	32.4882%	31.7234%	28.3145%	27.9278%	27.9278%	27.9278%	27.9278%	31.9381%	35.5666%	38.8389%		
(4) Energy Service-Related Recovery	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0		\$0
Rate V														
(1) Amount of Recovery for Energy Service Accounts	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
(2) Month for Rate Application	July	August	September	October	November	December	January	February	March	April	May	June		
(3) Energy Service Rate as a % of Total Rate	51.9561%	57.2848%	56.4950%	56.4289%	51.6511%	52.0642%	52.0642%	52.0642%	52.0642%	56.8085%	60.9127%	64.3610%		
(4) Energy Service-Related Recovery	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0		\$0
Amount of Recovery for Energy Service Accounts	(\$3,773)	(\$7,990)	(\$9,465)	(\$10,161)	(\$5,164)	(\$3,895)	(\$94)	\$0	\$0	\$0	\$0	\$0	\$0	(\$40,542)
Total Energy Service-Related Recovery	(\$1,836)	(\$3,880)	(\$4,650)	(\$4,995)	(\$2,576)	(\$2,072)	(\$49)	\$0	\$0	\$0	\$0	\$0	\$0	(\$20,058)

Liberty Utilities
 Calendar Year 2014

	<u>Days of Cost</u> (a)	<u>Annual Percent</u> (b)	<u>Customer Payment Lag %</u> (c)	<u>CWC %</u> (d)	<u>Expense</u> (e)	<u>Working Capital Requirement</u> (f)
(1) 2014 Purchase Power Costs	(12.204)	-3.34%	14.05%	10.71%	\$2,615,865	\$280,159
(2) Renewable Portfolio Standard	(212.140)	-58.12%	14.05%	-44.07%	\$2,333,433	<u>(\$1,028,344)</u>
(3) Working Capital Requirement						(\$748,185)
(4) Prime interest rate						<u>3.25%</u>
(5) Working Capital Impact						(\$24,316)

Columns:

- (1)(a) Page 2, Column (f), Line (2)
- (2)(a) Page 3, Column (f), Line (2)
- (b) Column (a) ÷ 365
- (c) Page 4
- (d) Column (b) + Column (c)
- (1)(e) Page 2, Column (f), Line (2)
- (1)(e) Page 3, Column (f), Line (2)
- (f) Column (d) x Column (e)

Lines:

- (3) Line (1) Column (f) + Line (2) Column (f)
- (4) Prime Interest Rate - Interest Rate on Customer Deposits.
- (5) Line (3) x Line (4)

Liberty Utilities
Calendar Year 2014

Invoice Month	Expense Description	Invoice Amount	End of Service Period	Invoice Date	Due Date	Payment Date	Elapsed (Days)	% of Total	Weighted Days
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)
January 2014	Current Charge for January 2014	\$1,829,643	1/31/2014	2/7/2014	2/20/2014	2/11/2014	11	3.79%	0.42
January 2014	Supplier Reallocation for September 2013	(\$34,697)	1/31/2014	2/10/2014	2/28/2014	2/11/2014	11	-0.07%	(0.01)
January 2014	Current Charge for January 2014	\$4,167,712	1/31/2014	2/10/2014	2/20/2014	2/18/2014	18	8.63%	1.55
January 2014	Supplier Reallocation for September 2013	\$25,929	1/31/2014	2/11/2014	2/28/2014	2/24/2014	24	0.05%	0.01
January 2014	Winter Reliability for December 2013	\$82,953	1/31/2014	2/10/2014	2/20/2014	2/18/2014	18	0.17%	0.03
February 2014	Current Charge for February 2014	\$2,310,375	2/28/2014	3/7/2014	3/28/2014	3/18/2014	18	4.78%	0.86
February 2014	Supplier Reallocation for October 2013	(\$64,743)	2/28/2014	3/7/2014	3/28/2014	3/18/2014	18	-0.13%	(0.02)
February 2014	Winter Reliability for December 2013	\$33,324	3/31/2014	3/14/2014	3/24/2014	3/18/2014	(13)	0.07%	(0.01)
February 2014	Winter Reliability for January 2014	(\$36,464)	3/31/2014	3/14/2014	3/24/2014	3/19/2014	(12)	-0.08%	0.01
February 2014	Current Charge for February 2014	\$3,379,718	2/28/2014	3/6/2014	3/20/2014	3/18/2014	18	7.00%	1.26
February 2014	Supplier Reallocation for October 2013	\$17,824	2/28/2014	3/14/2014	3/31/2014	3/18/2014	18	0.04%	0.01
February 2014	Winter Reliability for January 2014	\$86,411	2/28/2014	3/6/2014	3/20/2014	3/18/2014	18	0.18%	0.03
March 2014	Current Charge for March 2014	\$1,363,083	3/31/2014	4/9/2014	4/30/2014	4/17/2014	17	2.82%	0.48
March 2014	Supplier Reallocation for November 2013	(\$22,129)	3/31/2014	4/8/2014	4/20/2014	4/30/2014	30	-0.05%	(0.01)
March 2014	Winter Reliability For February 2014	\$38,369	3/31/2014	4/9/2014	4/30/2014	4/16/2014	16	0.08%	0.01
March 2014	Current Charge for March 2014	\$2,154,426	3/31/2014	4/8/2014	4/21/2014	4/16/2014	16	4.46%	0.71
March 2014	Supplier Reallocation for November 2013	(\$68,560)	3/31/2014	4/8/2014	4/21/2014	4/16/2014	16	-0.14%	(0.02)
March 2014	Winter Reliability For February 2014	\$80,017	3/31/2014	4/8/2014	4/21/2014	4/16/2014	16	0.17%	0.03
March 2014	Winter Reliability Credit for January 2014	(\$18,341)	3/31/2014	4/8/2014	4/21/2014	4/16/2014	16	-0.04%	(0.01)
April 2014	Current Charge for April 2014	\$902,567	4/30/2014	5/9/2014	5/30/2014	5/20/2014	20	1.87%	0.37
April 2014	Supplier Reallocation for December 2013	(\$38,685)	4/30/2014	5/8/2014	5/20/2014	5/20/2014	20	-0.08%	(0.02)
April 2014	Current Charge for April 2014	\$1,403,177	4/30/2014	5/9/2014	5/20/2014	5/20/2014	20	2.91%	0.58
April 2014	Supplier Reallocation for December 2013	\$78,706	4/30/2014	5/9/2014	5/20/2014	5/20/2014	20	0.16%	0.03
April 2014	Winter Reliability For February 2014	(\$2,792)	4/30/2014	5/9/2014	5/20/2014	5/20/2014	20	-0.01%	(0.00)
May 2014	Current Charge for May 2014	\$994,948	5/31/2014	6/6/2014	6/27/2014	6/9/2014	9	2.06%	0.19
May 2014	Supplier Reallocation for January 2014	(\$95,980)	5/31/2014	6/9/2014	6/20/2014	6/10/2014	10	-0.20%	(0.02)
May 2014	Current Charge for May 2014	\$1,609,608	5/31/2014	6/9/2014	7/7/2014	6/10/2014	10	3.33%	0.33
May 2014	Supplier Reallocation for January 2014	\$29,059	5/31/2014	8/5/2014	6/20/2014	8/8/2014	69	0.06%	0.04
June 2014	Current Charge for June 2014	\$1,474,786	6/30/2014	7/8/2014	7/29/2014	7/9/2014	9	3.05%	0.27
June 2014	Supplier Reallocation for February 2014	(\$73,259)	6/30/2014	7/8/2014	7/29/2014	7/9/2014	9	-0.15%	(0.01)
June 2014	Current Charge for June 2014	\$2,278,250	6/30/2014	7/8/2014	8/4/2014	7/9/2014	9	4.72%	0.42
June 2014	Supplier Reallocation for February 2014	(\$18,099)	6/30/2014	8/5/2014	7/31/2014	8/21/2014	52	-0.04%	(0.02)
July 2014	Current Charge for July 2014	\$1,652,525	7/31/2014	8/7/2014	8/28/2014	8/8/2014	8	3.42%	0.27
July 2014	Supplier Reallocation for March 2014	(\$53,469)	7/31/2014	8/7/2014	8/28/2014	8/8/2014	8	-0.11%	(0.01)
July 2014	Current Charge for July 2014	\$2,536,655	7/31/2014	8/8/2014	9/4/2014	8/15/2014	15	5.25%	0.79
July 2014	Supplier Reallocation for March 2014	\$26,247	7/31/2014	8/8/2014	8/20/2014	8/15/2014	15	0.05%	0.01
August 2014	Current Charge for August 2014	\$1,401,861	8/31/2014	9/9/2014	9/30/2014	9/11/2014	11	2.90%	0.32
August 2014	Supplier Reallocation for April 2014	(\$21,846)	8/31/2014	9/9/2014	9/30/2014	9/11/2014	11	-0.05%	(0.00)
August 2014	Current Charge for August 2014	\$2,345,024	8/31/2014	9/9/2014	10/6/2014	9/11/2014	11	4.86%	0.53
August 2014	Supplier Reallocation for April 2014	(\$11,287)	8/31/2014	9/9/2014	9/22/2014	9/11/2014	11	-0.02%	(0.00)
September 2014	Current Charge for September 2014	\$1,014,673	9/30/2014	10/7/2014	10/30/2014	10/13/2014	13	2.10%	0.27
September 2014	Supplier Reallocation for May 2014	(\$14,354)	9/30/2014	10/7/2014	10/30/2014	10/13/2014	13	-0.03%	(0.00)
September 2014	Current Charge for September 2014	\$1,732,728	9/30/2014	10/7/2014	11/4/2014	10/13/2014	13	3.59%	0.47
September 2014	Supplier Reallocation for May 2014	(\$16,889)	9/30/2014	10/7/2014	11/4/2014	10/13/2014	13	-0.03%	(0.00)
October 2014	Current Charge for October 2014	\$952,727	10/31/2014	11/6/2014	11/28/2014	11/12/2014	12	1.97%	0.24
October 2014	Supplier Reallocation for June 2014	(\$23,199)	10/31/2014	11/6/2014	11/28/2014	11/12/2014	12	-0.05%	(0.01)
October 2014	Current Charge for October 2014	\$1,659,639	10/31/2014	11/7/2014	12/5/2014	11/12/2014	12	3.44%	0.41
October 2014	Supplier Reallocation for June 2014	(\$12,871)	10/31/2014	11/7/2014	12/5/2014	11/12/2014	12	-0.03%	(0.00)
November 2014	Current Charge for November 2014	\$1,216,137	11/30/2014	12/9/2014	12/19/2014	12/15/2014	15	2.52%	0.38
November 2014	Supplier Reallocation for July 2014	(\$62,989)	11/30/2014	12/10/2014	12/31/2014	1/29/2015	60	-0.13%	(0.08)
November 2014	Current Charge for November 2014	\$2,245,020	11/30/2014	12/23/2014	12/30/2014	12/24/2014	24	4.65%	1.12
November 2014	Supplier Reallocation for July 2014	\$88,354	11/30/2014	12/10/2014	1/5/2015	12/15/2014	15	0.18%	0.03
(1) December 2014	Current Charge for December 2014	\$2,615,865	11/30/2014	12/10/2014	1/5/2015	1/1/2015	32	5.42%	1.73
December 2014	Supplier Reallocation for August 2014	(\$32,951)	11/30/2014	12/10/2014	1/5/2015	1/29/2015	60	-0.07%	(0.04)
(2) December 2014	Current Charge for December 2014	\$5,188,866.49	11/30/2014	12/10/2014	1/5/2015	1/12/2015	43	10.75%	4.62
December 2014	Supplier Reallocation for August 2014	(\$8,310.75)	11/30/2014	12/10/2014	1/5/2015	2/14/2015	76	-0.02%	(0.01)
		\$48,285,288							12.20

Columns:

- (a) Month in which obligation for payment occurred
- (b) Per invoices
- (c) Per invoices
- (d) Applicable service period
- (e) Per invoices
- (f) Per agreements
- (g) Date paid
- (h) Number of days between Column (d) and Column (g)
- (i) Column (c) ÷ Line (1)
- (j) Column (h) x Column (i)

Lines:

- (1) Sum of Column (c)
- (2) Sum of Column (j)

Liberty Utilities
 Calendar Year 2014

<u>Service Period</u>	<u>Customer Accts.Receivable</u> (a)	<u>Sales</u> (b)	<u>Days In Month</u> (c)	<u>Days of Sales in Accts.Receivable</u> (d)
1/31/2014	\$11,346,902	\$ 10,251,251	31	34.31
2/28/2014	\$12,899,311	\$ 10,052,909	28	35.93
3/31/2014	\$11,901,680	\$ 9,663,625	31	38.18
4/30/2014	\$10,741,665	\$ 8,286,673	30	38.89
5/31/2014	\$11,073,533	\$ 7,888,439	31	43.52
6/30/2014	\$10,802,533	\$ 7,709,944	30	42.03
7/31/2014	\$12,474,065	\$ 8,311,683	31	46.52
8/31/2014	\$12,727,544	\$ 8,184,920	31	48.20
9/30/2014	\$12,627,520	\$ 8,337,905	30	45.43
10/31/2014	\$11,804,666	\$ 8,058,683	31	45.41
11/30/2014	\$13,426,730	\$ 7,968,459	30	50.55
12/31/2014	\$15,446,057	\$ 10,148,460	31	<u>47.18</u>
		\$ 104,862,949		
(1)	Total Days			516.16
(2)	Average Lag			43.01
(3)	Average Lag from date meter is read			1.42
(4)	Payment Processing and Bank Float Lag			<u>7.00</u>
(5)	Total Average Days Lag			51.43
(6)	Customer Payment Lag-annual percent			14.05%

Columns:

- (a) Accounts Receivable per general ledger at end of applicable month
- (b) Per Company billing data
- (c) Number of days in applicable service period
- (d) Column (a) ÷ Column (b) x Column (c)

Lines:

- (1) Total of Column (d)
- (2) Line (2) ÷ 12
- (3) Page 9
- (4) Per Staff Recommendation in Docket DE 09-010
- (5) Line (2) + Line (3) + Line (4)
- (6) Line (5) ÷ 366

Liberty Utilities (Granite State Electric) Corp. d/b/a Liberty Utilities						
DE 15-010 Energy Service Reconciliation May 2015 - October 2015						
						Schedule HMT-7
						Workpaper 5
						Page 5 of 9
Granite State Electric Company						
Meter Reading vs Billing Days Elapsed						
2014						
Cycle	Billed Sales	Prior Read Date	Read Date	Bill Date	# Days in Bill [1]	Billing Lag [2]
1	1/31/2014	11/27/2013	12/31/2013	1/1/2014	34	1
1	2/28/2014	12/31/2013	1/31/2014	2/3/2014	31	3
1	3/31/2014	1/31/2014	2/28/2014	3/3/2014	28	3
1	4/30/2014	2/28/2014	3/31/2014	4/1/2014	31	1
1	5/31/2014	3/31/2014	4/30/2014	5/1/2014	30	1
1	6/30/2014	4/30/2014	6/2/2014	6/3/2014	33	1
1	7/31/2014	6/2/2014	6/30/2014	7/1/2014	28	1
1	8/31/2014	6/30/2014	7/31/2014	8/1/2014	31	1
1	9/30/2014	7/31/2014	8/28/2014	8/29/2014	28	1
1	10/31/2014	8/28/2014	9/29/2014	9/30/2014	32	1
1	11/30/2014	9/29/2014	10/29/2014	10/30/2014	30	1
1	12/31/2014	10/29/2014	12/1/2014	12/2/2014	33	1
2	1/31/2014	12/2/2013	1/2/2014	1/3/2014	31	1
2	2/28/2014	1/2/2014	1/31/2014	2/3/2014	29	3
2	3/31/2014	1/31/2014	3/3/2014	3/4/2014	31	1
2	4/30/2014	3/3/2014	4/1/2014	4/2/2014	29	1
2	5/31/2014	4/1/2014	5/1/2014	5/2/2014	30	1
2	6/30/2014	5/1/2014	6/3/2014	6/4/2014	33	1
2	7/31/2014	6/3/2014	7/1/2014	7/2/2014	28	1
2	8/31/2014	7/1/2014	8/1/2014	8/4/2014	31	3
2	9/30/2014	8/1/2014	8/29/2014	9/1/2014	28	3
2	10/31/2014	8/29/2014	9/30/2014	10/1/2014	32	1
2	11/30/2014	9/30/2014	10/30/2014	10/31/2014	30	1
2	12/31/2014	10/30/2014	12/2/2014	12/3/2014	33	1
3	1/31/2014	12/3/2013	1/3/2014	1/6/2014	31	3
3	2/28/2014	1/3/2014	2/3/2014	2/4/2014	31	1
3	3/31/2014	2/3/2014	3/4/2014	3/5/2014	29	1
3	4/30/2014	3/4/2014	4/2/2014	4/3/2014	29	1
3	5/31/2014	4/2/2014	5/2/2014	5/5/2014	30	3
3	6/30/2014	5/2/2014	6/4/2014	6/5/2014	33	1
3	7/31/2014	6/4/2014	7/2/2014	7/3/2014	28	1
3	8/31/2014	7/2/2014	8/4/2014	8/5/2014	33	1
3	9/30/2014	8/4/2014	9/2/2014	9/3/2014	29	1
3	10/31/2014	9/2/2014	10/1/2014	10/2/2014	29	1
3	11/30/2014	10/1/2014	10/31/2014	11/3/2014	30	3
3	12/31/2014	10/31/2014	12/3/2014	12/4/2014	33	1
4	1/31/2014	12/4/2013	1/6/2014	1/7/2014	33	1
4	2/28/2014	1/6/2014	2/4/2014	2/5/2014	29	1
4	3/31/2014	2/4/2014	3/5/2014	3/6/2014	29	1
4	4/30/2014	3/5/2014	4/3/2014	4/4/2014	29	1
4	5/31/2014	4/3/2014	5/6/2014	5/7/2014	33	1
4	6/30/2014	5/6/2014	6/5/2014	6/6/2014	30	1
4	7/31/2014	6/5/2014	7/3/2014	7/4/2014	28	1
4	8/31/2014	7/3/2014	8/5/2014	8/6/2014	33	1
4	9/30/2014	8/5/2014	9/3/2014	9/4/2014	29	1
4	10/31/2014	9/3/2014	10/2/2014	10/3/2014	29	1
4	11/30/2014	10/2/2014	11/3/2014	11/4/2014	32	1
4	12/31/2014	11/3/2014	12/4/2014	12/5/2014	31	1

Cycle	Billed Sales	Prior Read Date	Read Date	Bill Date	# Days in Bill [1]	Billing Lag [2]
5	1/31/2014	12/5/2013	1/7/2014	1/8/2014	33	1
5	2/28/2014	1/7/2014	2/5/2014	2/6/2014	29	1
5	3/31/2014	2/5/2014	3/6/2014	3/7/2014	29	1
5	4/30/2014	3/6/2014	4/4/2014	4/7/2014	29	3
5	5/31/2014	4/4/2014	5/7/2014	5/8/2014	33	1
5	6/30/2014	5/7/2014	6/6/2014	6/9/2014	30	3
5	7/31/2014	6/6/2014	7/7/2014	7/8/2014	31	1
5	8/31/2014	7/7/2014	8/6/2014	8/7/2014	30	1
5	9/30/2014	8/6/2014	9/4/2014	9/5/2014	29	1
5	10/31/2014	9/4/2014	10/3/2014	10/6/2014	29	3
5	11/30/2014	10/3/2014	11/4/2014	11/5/2014	32	1
5	12/31/2014	11/4/2014	12/5/2014	12/8/2014	31	3
6	1/31/2014	12/6/2013	1/8/2014	1/9/2014	33	1
6	2/28/2014	1/8/2014	2/6/2014	2/7/2014	29	1
6	3/31/2014	2/6/2014	3/7/2014	3/10/2014	29	3
6	4/30/2014	3/7/2014	4/7/2014	4/8/2014	31	1
6	5/31/2014	4/7/2014	5/8/2014	5/9/2014	31	1
6	6/30/2014	5/8/2014	6/9/2014	6/10/2014	32	1
6	7/31/2014	6/9/2014	7/8/2014	7/9/2014	29	1
6	8/31/2014	7/8/2014	8/7/2014	8/8/2014	30	1
6	9/30/2014	8/7/2014	9/5/2014	9/8/2014	29	3
6	10/31/2014	9/5/2014	10/6/2014	10/7/2014	31	1
6	11/30/2014	10/6/2014	11/5/2014	11/6/2014	30	1
6	12/31/2014	11/5/2014	12/8/2014	12/9/2014	33	1
7	1/31/2014	12/9/2013	1/9/2014	1/10/2014	31	1
7	2/28/2014	1/9/2014	2/7/2014	2/10/2014	29	3
7	3/31/2014	2/7/2014	3/11/2014	3/12/2014	32	1
7	4/30/2014	3/11/2014	4/8/2014	4/9/2014	28	1
7	5/31/2014	4/8/2014	5/9/2014	5/12/2014	31	3
7	6/30/2014	5/9/2014	6/10/2014	6/11/2014	32	1
7	7/31/2014	6/10/2014	7/9/2014	7/10/2014	29	1
7	8/31/2014	7/9/2014	8/8/2014	8/11/2014	30	3
7	9/30/2014	8/8/2014	9/8/2014	9/9/2014	31	1
7	10/31/2014	9/8/2014	10/7/2014	10/8/2014	29	1
7	11/30/2014	10/7/2014	11/6/2014	11/7/2014	30	1
7	12/31/2014	11/6/2014	12/9/2014	12/10/2014	33	1
8	1/31/2014	12/10/2013	1/10/2014	1/13/2014	31	3
8	2/28/2014	1/10/2014	2/10/2014	2/11/2014	31	1
8	3/31/2014	2/10/2014	3/12/2014	3/13/2014	30	1
8	4/30/2014	3/12/2014	4/9/2014	4/10/2014	28	1
8	5/31/2014	4/9/2014	5/12/2014	5/13/2014	33	1
8	6/30/2014	5/12/2014	6/11/2014	6/12/2014	30	1
8	7/31/2014	6/11/2014	7/10/2014	7/11/2014	29	1
8	8/31/2014	7/10/2014	8/11/2014	8/12/2014	32	1
8	9/30/2014	8/11/2014	9/9/2014	9/10/2014	29	1
8	10/31/2014	9/9/2014	10/8/2014	10/9/2014	29	1
8	11/30/2014	10/8/2014	11/7/2014	11/10/2014	30	3
8	12/31/2014	11/7/2014	12/10/2014	12/11/2014	33	1

Cycle	Billed Sales	Prior Read Date	Read Date	Bill Date	# Days in Bill [1]	Billing Lag [2]
9	1/31/2014	12/11/2013	1/13/2014	1/14/2014	33	1
9	2/28/2014	1/13/2014	2/11/2014	2/12/2014	29	1
9	3/31/2014	2/11/2014	3/13/2014	3/14/2014	30	1
9	4/30/2014	3/13/2014	4/10/2014	4/11/2014	28	1
9	5/31/2014	4/10/2014	5/13/2014	5/14/2014	33	1
9	6/30/2014	5/13/2014	6/12/2014	6/13/2014	30	1
9	7/31/2014	6/12/2014	7/11/2014	7/14/2014	29	3
9	8/31/2014	7/11/2014	8/12/2014	8/13/2014	32	1
9	9/30/2014	8/12/2014	9/10/2014	9/11/2014	29	1
9	10/31/2014	9/10/2014	10/9/2014	10/10/2014	29	1
9	11/30/2014	10/9/2014	11/10/2014	11/11/2014	32	1
9	12/31/2014	11/10/2014	12/11/2014	12/12/2014	31	1
10	1/31/2014	12/12/2013	1/14/2014	1/15/2014	33	1
10	2/28/2014	1/14/2014	2/12/2014	2/13/2014	29	1
10	3/31/2014	2/12/2014	3/14/2014	3/17/2014	30	3
10	4/30/2014	3/14/2014	4/11/2014	4/14/2014	28	3
10	5/31/2014	4/11/2014	5/14/2014	5/15/2014	33	1
10	6/30/2014	5/14/2014	6/13/2014	6/16/2014	30	3
10	7/31/2014	6/13/2014	7/15/2014	7/16/2014	32	1
10	8/31/2014	7/15/2014	8/13/2014	8/14/2014	29	1
10	9/30/2014	8/13/2014	9/11/2014	9/12/2014	29	1
10	10/31/2014	9/11/2014	10/10/2014	10/13/2014	29	3
10	11/30/2014	10/10/2014	11/12/2014	11/13/2014	33	1
10	12/31/2014	11/12/2014	12/12/2014	12/15/2014	30	3
11	1/31/2014	12/13/2013	1/15/2014	1/16/2014	33	1
11	2/28/2014	1/15/2014	2/13/2014	2/14/2014	29	1
11	3/31/2014	2/13/2014	3/17/2014	3/18/2014	32	1
11	4/30/2014	3/17/2014	4/15/2014	4/16/2014	29	1
11	5/31/2014	4/15/2014	5/15/2014	5/16/2014	30	1
11	6/30/2014	5/15/2014	6/16/2014	6/17/2014	32	1
11	7/31/2014	6/16/2014	7/16/2014	7/17/2014	30	1
11	8/31/2014	7/16/2014	8/14/2014	8/15/2014	29	1
11	9/30/2014	8/14/2014	9/12/2014	9/15/2014	29	3
11	10/31/2014	9/12/2014	10/14/2014	10/15/2014	32	1
11	11/30/2014	10/14/2014	11/13/2014	11/14/2014	30	1
11	12/31/2014	11/13/2014	12/15/2014	12/16/2014	32	1
12	1/31/2014	12/16/2013	1/16/2014	1/17/2014	31	1
12	2/28/2014	1/16/2014	2/14/2014	2/17/2014	29	3
12	3/31/2014	2/14/2014	3/18/2014	3/19/2014	32	1
12	4/30/2014	3/18/2014	4/16/2014	4/17/2014	29	1
12	5/31/2014	4/16/2014	5/16/2014	5/19/2014	30	3
12	6/30/2014	5/16/2014	6/17/2014	6/18/2014	32	1
12	7/31/2014	6/17/2014	7/17/2014	7/18/2014	30	1
12	8/31/2014	7/17/2014	8/15/2014	8/18/2014	29	3
12	9/30/2014	8/15/2014	9/16/2014	9/17/2014	32	1
12	10/31/2014	9/16/2014	10/15/2014	10/16/2014	29	1
12	11/30/2014	10/15/2014	11/14/2014	11/17/2014	30	3
12	12/31/2014	11/14/2014	12/16/2014	12/17/2014	32	1

Cycle	Billed Sales	Prior Read Date	Read Date	Bill Date	# Days in Bill [1]	Billing Lag [2]
13	1/31/2014	12/17/2013	1/17/2014	1/20/2014	31	3
13	2/28/2014	1/17/2014	2/18/2014	2/19/2014	32	1
13	3/31/2014	2/18/2014	3/19/2014	3/20/2014	29	1
13	4/30/2014	3/19/2014	4/17/2014	4/18/2014	29	1
13	5/31/2014	4/17/2014	5/20/2014	5/21/2014	33	1
13	6/30/2014	5/20/2014	6/18/2014	6/19/2014	29	1
13	7/31/2014	6/18/2014	7/18/2014	7/21/2014	30	3
13	8/31/2014	7/18/2014	8/18/2014	8/19/2014	31	1
13	9/30/2014	8/18/2014	9/17/2014	9/18/2014	30	1
13	10/31/2014	9/17/2014	10/16/2014	10/17/2014	29	1
13	11/30/2014	10/16/2014	11/17/2014	11/18/2014	32	1
13	12/31/2014	11/17/2014	12/17/2014	12/18/2014	30	1
14	1/31/2014	12/18/2013	1/21/2014	1/22/2014	34	1
14	2/28/2014	1/21/2014	2/19/2014	2/20/2014	29	1
14	3/31/2014	2/19/2014	3/20/2014	3/21/2014	29	1
14	4/30/2014	3/20/2014	4/21/2014	4/22/2014	32	1
14	5/31/2014	4/21/2014	5/21/2014	5/22/2014	30	1
14	6/30/2014	5/21/2014	6/19/2014	6/20/2014	29	1
14	7/31/2014	6/19/2014	7/21/2014	7/22/2014	32	1
14	8/31/2014	7/21/2014	8/19/2014	8/20/2014	29	1
14	9/30/2014	8/19/2014	9/18/2014	9/19/2014	30	1
14	10/31/2014	9/18/2014	10/17/2014	10/20/2014	29	3
14	11/30/2014	10/17/2014	11/18/2014	11/19/2014	32	1
14	12/31/2014	11/18/2014	12/18/2014	12/19/2014	30	1
15	1/31/2014	12/19/2013	1/22/2014	1/23/2014	34	1
15	2/28/2014	1/22/2014	2/20/2014	2/21/2014	29	1
15	3/31/2014	2/20/2014	3/21/2014	3/24/2014	29	3
15	4/30/2014	3/21/2014	4/22/2014	4/23/2014	32	1
15	5/31/2014	4/22/2014	5/22/2014	5/23/2014	30	1
15	6/30/2014	5/22/2014	6/20/2014	6/23/2014	29	3
15	7/31/2014	6/20/2014	7/22/2014	7/23/2014	32	1
15	8/31/2014	7/22/2014	8/20/2014	8/21/2014	29	1
15	9/30/2014	8/20/2014	9/19/2014	9/22/2014	30	3
15	10/31/2014	9/19/2014	10/21/2014	10/22/2014	32	1
15	11/30/2014	10/21/2014	11/19/2014	11/20/2014	29	1
15	12/31/2014	11/19/2014	12/19/2014	12/22/2014	30	3
16	1/31/2014	12/20/2013	1/23/2014	1/24/2014	34	1
16	2/28/2014	1/23/2014	2/21/2014	2/24/2014	29	3
16	3/31/2014	2/21/2014	3/24/2014	3/25/2014	31	1
16	4/30/2014	3/24/2014	4/23/2014	4/24/2014	30	1
16	5/31/2014	4/23/2014	5/23/2014	5/26/2014	30	3
16	6/30/2014	5/23/2014	6/23/2014	6/24/2014	31	1
16	7/31/2014	6/23/2014	7/23/2014	7/24/2014	30	1
16	8/31/2014	7/23/2014	8/21/2014	8/22/2014	29	1
16	9/30/2014	8/21/2014	9/22/2014	9/23/2014	32	1
16	10/31/2014	9/22/2014	10/22/2014	10/23/2014	30	1
16	11/30/2014	10/22/2014	11/20/2014	11/21/2014	29	1
16	12/31/2014	11/20/2014	12/22/2014	12/23/2014	32	1

Cycle	Billed Sales	Prior Read Date	Read Date	Bill Date	# Days in Bill [1]	Billing Lag [2]
17	1/31/2014	12/23/2013	1/24/2014	1/27/2014	32	3
17	2/28/2014	1/24/2014	2/24/2014	2/25/2014	31	1
17	3/31/2014	2/24/2014	3/25/2014	3/26/2014	29	1
17	4/30/2014	3/25/2014	4/24/2014	4/25/2014	30	1
17	5/31/2014	4/24/2014	5/27/2014	5/28/2014	33	1
17	6/30/2014	5/27/2014	6/24/2014	6/25/2014	28	1
17	7/31/2014	6/24/2014	7/24/2014	7/25/2014	30	1
17	8/31/2014	7/24/2014	8/22/2014	8/25/2014	29	3
17	9/30/2014	8/22/2014	9/23/2014	9/24/2014	32	1
17	10/31/2014	9/23/2014	10/23/2014	10/24/2014	30	1
17	11/30/2014	10/23/2014	11/21/2014	11/24/2014	29	3
17	12/31/2014	11/21/2014	12/23/2014	12/24/2014	32	1
18	1/31/2014	12/26/2013	1/27/2014	1/28/2014	32	1
18	2/28/2014	1/27/2014	2/25/2014	2/26/2014	29	1
18	3/31/2014	2/25/2014	3/26/2014	3/27/2014	29	1
18	4/30/2014	3/26/2014	4/25/2014	4/28/2014	30	3
18	5/31/2014	4/25/2014	5/28/2014	5/29/2014	33	1
18	6/30/2014	5/28/2014	6/25/2014	6/26/2014	28	1
18	7/31/2014	6/25/2014	7/25/2014	7/28/2014	30	3
18	8/31/2014	7/25/2014	8/25/2014	8/26/2014	31	1
18	9/30/2014	8/25/2014	9/24/2014	9/25/2014	30	1
18	10/31/2014	9/24/2014	10/24/2014	10/27/2014	30	3
18	11/30/2014	10/24/2014	11/24/2014	11/25/2014	31	1
18	12/31/2014	11/24/2014	12/26/2014	12/29/2014	32	3
19	1/31/2014	12/27/2013	1/28/2014	1/29/2014	32	1
19	2/28/2014	1/28/2014	2/26/2014	2/27/2014	29	1
19	3/31/2014	2/26/2014	3/27/2014	3/28/2014	29	1
19	4/30/2014	3/27/2014	4/28/2014	4/29/2014	32	1
19	5/31/2014	4/28/2014	5/29/2014	5/30/2014	31	1
19	6/30/2014	5/29/2014	6/26/2014	6/27/2014	28	1
19	7/31/2014	6/26/2014	7/29/2014	7/30/2014	33	1
19	8/31/2014	7/29/2014	8/26/2014	8/27/2014	28	1
19	9/30/2014	8/26/2014	9/25/2014	9/26/2014	30	1
19	10/31/2014	9/25/2014	10/27/2014	10/28/2014	32	1
19	11/30/2014	10/27/2014	11/25/2014	11/26/2014	29	1
19	12/31/2014	11/25/2014	12/29/2014	12/30/2014	34	1
20	1/31/2014	12/30/2013	1/29/2014	1/30/2014	30	1
20	2/28/2014	1/29/2014	2/27/2014	2/28/2014	29	1
20	3/31/2014	2/27/2014	3/28/2014	3/31/2014	29	3
20	4/30/2014	3/28/2014	4/29/2014	4/30/2014	32	1
20	5/31/2014	4/29/2014	5/30/2014	6/2/2014	31	3
20	6/30/2014	5/30/2014	6/27/2014	6/30/2014	28	3
20	7/31/2014	6/27/2014	7/30/2014	7/31/2014	33	1
20	8/31/2014	7/30/2014	8/27/2014	8/28/2014	28	1
20	9/30/2014	8/27/2014	9/26/2014	9/29/2014	30	3
20	10/31/2014	9/26/2014	10/28/2014	10/29/2014	32	1
20	11/30/2014	10/28/2014	11/26/2014	11/27/2014	29	1
20	12/31/2014	11/26/2014	12/30/2014	12/31/2014	34	1
	Average Billing Days				30.47	
	Average Billing Lag					1.42

[1] # Days in Bill = Number of days between meter reads

[2] Billing lag = Number of days between meter read and bill date. Once billed, the sales become part of A/R and will be included in the Collection Lag calculation.

Liberty Utilities (Granite State Electric) Corp. d/b/a Liberty Utilities
 Proposed November 1, 2015 Rates
 Calculation of Monthly Bill
 Impact on Rate D Energy Service Customers
 Without Water Heater Control
 0% Off-Peak

Liberty Utilities (Granite State Electric) Corp. d/b/a Liberty Utilities
 Docket No. DE 15-010
 Schedule HMT-10
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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	
			Total	Default Service	Retail Delivery	Total	Default Service	Retail Delivery	Increase (Decrease) Amount	%
200	200	0	\$40.36	\$14.13	\$26.23	\$44.23	\$18.44	\$25.79	\$3.87	9.6%
350	350	0	\$63.38	\$24.72	\$38.66	\$70.16	\$32.27	\$37.89	\$6.78	10.7%
500	500	0	\$87.23	\$35.32	\$51.91	\$96.91	\$46.11	\$50.80	\$9.68	11.1%
655	655	0	\$111.83	\$46.26	\$65.57	\$124.52	\$60.40	\$64.12	\$12.69	11.3%
750	750	0	\$126.92	\$52.97	\$73.95	\$141.45	\$69.16	\$72.29	\$14.53	11.4%
1,000	1,000	0	\$166.62	\$70.63	\$95.99	\$185.99	\$92.21	\$93.78	\$19.37	11.6%

Present Rates

Proposed Rates

Customer Charge		\$11.79	\$11.79
Distribution Charge			
1st 250 kWh	kWh x	\$0.03208	\$0.03208
excess of 250 kWh	kWh x	\$0.04807	\$0.04807
Off Peak kWh	kWh x	\$0.03065	\$0.03065
Storm Adjustment Factor	kWh x	\$0.00221	\$0.00000
Transmission Charge	kWh x	\$0.03557	\$0.03557
Stranded Cost Charge	kWh x	(\$0.00150)	(\$0.00150)
System Benefits Charge	kWh x	\$0.00330	\$0.00330
Electricity Consumption Tax	kWh x	\$0.00055	\$0.00055

Supplier Services

Default Service	kWh x	\$0.07063	\$0.09221
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Liberty Utilities (Granite State Electric) Corp. d/b/a Liberty Utilities
 Proposed November 1, 2015 Rates
 Calculation of Monthly Bill
 Impact on Rate D Energy Service Customers
 With 6 Hour Water Heater Control

Liberty Utilities (Granite State Electric) Corp. d/b/a Liberty Utilities
 Docket No. DE 15-010
 Schedule HMT-10
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kWh Split

On-Peak 80.00%

Off-Peak 20.00% /----- (1) -----/ /----- (2) -----/ (1) vs (2)

Monthly KWh	On-Peak kWh	Off-Peak kWh	Present Rates			Proposed Rates			Overall	
			Total	Default Service	Retail Delivery	Total	Default Service	Retail Delivery	Increase (Decrease) Amount	%
200	160	40	\$33.39	\$14.13	\$19.26	\$37.26	\$18.44	\$18.82	\$3.87	11.6%
350	280	70	\$55.25	\$24.72	\$30.53	\$62.03	\$32.27	\$29.76	\$6.78	12.3%
500	400	100	\$78.58	\$35.32	\$43.26	\$88.26	\$46.11	\$42.15	\$9.68	12.3%
750	600	150	\$117.39	\$52.97	\$64.42	\$131.92	\$69.16	\$62.76	\$14.53	12.4%
1,000	800	200	\$156.23	\$70.63	\$85.60	\$175.60	\$92.21	\$83.39	\$19.37	12.4%

	<u>Present Rates</u>	<u>Proposed Rates</u>
Customer Charge	\$11.79	\$11.79
Distribution Charge		
1st 250 kWh	kWh x \$0.03208	\$0.03208
excess of 250 kWh	kWh x \$0.04807	\$0.04807
Off Peak kWh	kWh x \$0.03065	\$0.03065
Storm Adjustment Factor	kWh x \$0.00221	\$0.00000
Transmission Charge	kWh x \$0.03557	\$0.03557
Stranded Cost Charge	kWh x (\$0.00150)	(\$0.00150)
System Benefits Charge	kWh x \$0.00330	\$0.00330
Electricity Consumption Tax	kWh x \$0.00055	\$0.00055
Interruptible Credit #1	(\$6.91)	(\$6.91)
<u>Supplier Services</u>		
Default Service	kWh x \$0.07063	\$0.09221

kWh Split

On-Peak 60.00%

Off-Peak 40.00% /----- (1) -----/ /----- (2) -----/ (1) vs (2)

Monthly KWh	On-Peak kWh	Off-Peak kWh	Present Rates			Proposed Rates			Overall	
			Total	Default Service	Retail Delivery	Total	Default Service	Retail Delivery	Increase (Decrease) Amount	%
200	120	80	\$30.36	\$14.13	\$16.23	\$34.23	\$18.44	\$15.79	\$3.87	12.7%
350	210	140	\$51.70	\$24.72	\$26.98	\$58.48	\$32.27	\$26.21	\$6.78	13.1%
500	300	200	\$73.86	\$35.32	\$38.54	\$83.54	\$46.11	\$37.43	\$9.68	13.1%
750	450	300	\$111.81	\$52.97	\$58.84	\$126.34	\$69.16	\$57.18	\$14.53	13.0%
1,000	600	400	\$149.77	\$70.63	\$79.14	\$169.14	\$92.21	\$76.93	\$19.37	12.9%

	<u>Present Rates</u>	<u>Proposed Rates</u>
Customer Charge	\$11.79	\$11.79
Distribution Charge		
1st 250 kWh	kWh x \$0.03208	\$0.03208
excess of 250 kWh	kWh x \$0.04807	\$0.04807
Off Peak kWh	kWh x \$0.03065	\$0.03065
Storm Adjustment Factor	kWh x \$0.00221	\$0.00000
Transmission Charge	kWh x \$0.03557	\$0.03557
Stranded Cost Charge	kWh x (\$0.00150)	(\$0.00150)
System Benefits Charge	kWh x \$0.00330	\$0.00330
Electricity Consumption Tax	kWh x \$0.00055	\$0.00055
Interruptible Credit #2	(\$9.88)	(\$9.88)
<u>Supplier Services</u>		
Default Service	kWh x \$0.07063	\$0.09221

kWh Split
 On-Peak 80.00%
 Off-Peak 20.00% /----- (1) -----/ /----- (2) -----/ (1) vs (2)

Monthly KWh	On-Peak kWh	Off-Peak kWh	Present Rates			Proposed Rates			Overall	
			Total	Default Service	Retail Delivery	Total	Default Service	Retail Delivery	Increase (Decrease) Amount	%
700	560	140	\$132.82	\$49.44	\$83.38	\$153.98	\$64.55	\$89.43	\$21.16	15.9%
1,000	800	200	\$184.66	\$70.63	\$114.03	\$214.83	\$92.21	\$122.62	\$30.17	16.3%
1,300	1,040	260	\$236.51	\$91.82	\$144.69	\$275.68	\$119.87	\$155.81	\$39.17	16.6%
1,600	1,280	320	\$288.37	\$113.01	\$175.36	\$336.56	\$147.54	\$189.02	\$48.19	16.7%
1,900	1,520	380	\$340.21	\$134.20	\$206.01	\$397.42	\$175.20	\$222.22	\$57.21	16.8%

	<u>Present Rates</u>	<u>Proposed Rates</u>
Customer Charge	\$11.83	\$11.95
Distribution Charge		
On Peak kWh	kWh x \$0.08843	\$0.09062
Off Peak kWh	kWh x \$0.00008	\$0.00131
Storm Adjustment Factor	kWh x \$0.00221	\$0.00000
Transmission Charge	kWh x \$0.02458	\$0.03558
Stranded Cost Charge	kWh x \$0.00080	(\$0.00152)
System Benefits Charge	kWh x \$0.00330	\$0.00330
Electricity Consumption Tax	kWh x \$0.00055	\$0.00055

Supplier Services

Default Service	kWh x	\$0.07063	\$0.09221
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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	
			Total	Default Service	Retail Delivery	Total	Default Service	Retail Delivery	Increase (Decrease) Amount	%
700	490	210	\$126.64	\$49.44	\$77.20	\$147.73	\$64.55	\$83.18	\$21.09	16.7%
1,000	700	300	\$175.82	\$70.63	\$105.19	\$205.89	\$92.21	\$113.68	\$30.07	17.1%
1,300	910	390	\$225.02	\$91.82	\$133.20	\$264.07	\$119.87	\$144.20	\$39.05	17.4%
1,600	1,120	480	\$274.23	\$113.01	\$161.22	\$322.27	\$147.54	\$174.73	\$48.04	17.5%
1,900	1,330	570	\$323.43	\$134.20	\$189.23	\$380.45	\$175.20	\$205.25	\$57.02	17.6%

	<u>Present Rates</u>	<u>Proposed Rates</u>
Customer Charge	\$11.83	\$11.95
Distribution Charge		
On Peak kWh	kWh x \$0.08843	\$0.09062
Off Peak kWh	kWh x \$0.00008	\$0.00131
Storm Adjustment Factor	kWh x \$0.00221	\$0.00000
Transmission Charge	kWh x \$0.02458	\$0.03558
Stranded Cost Charge	kWh x \$0.00080	(\$0.00152)
System Benefits Charge	kWh x \$0.00330	\$0.00330
Electricity Consumption Tax	kWh x \$0.00055	\$0.00055

Supplier Services

Default Service	kWh x	\$0.07063	\$0.09221
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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	
			Total	Default Service	Retail Delivery	Total	Default Service	Retail Delivery	Increase (Decrease) Amount	%
700	420	280	\$120.45	\$49.44	\$71.01	\$141.48	\$64.55	\$76.93	\$21.03	17.5%
1,000	600	400	\$166.99	\$70.63	\$96.36	\$196.96	\$92.21	\$104.75	\$29.97	17.9%
1,300	780	520	\$213.54	\$91.82	\$121.72	\$252.46	\$119.87	\$132.59	\$38.92	18.2%
1,600	960	640	\$260.09	\$113.01	\$147.08	\$307.99	\$147.54	\$160.45	\$47.90	18.4%
1,900	1,140	760	\$306.64	\$134.20	\$172.44	\$363.49	\$175.20	\$188.29	\$56.85	18.5%

	<u>Present Rates</u>	<u>Proposed Rates</u>
Customer Charge	\$11.83	\$11.95
Distribution Charge		
On Peak kWh	kWh x \$0.08843	\$0.09062
Off Peak kWh	kWh x \$0.00008	\$0.00131
Storm Adjustment Factor	kWh x \$0.00221	\$0.00000
Transmission Charge	kWh x \$0.02458	\$0.03558
Stranded Cost Charge	kWh x \$0.00080	(\$0.00152)
System Benefits Charge	kWh x \$0.00330	\$0.00330
Electricity Consumption Tax	kWh x \$0.00055	\$0.00055

Supplier Services

Default Service	kWh x	\$0.07063	\$0.09221
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Monthly kWh	(1)			(2)			(1) vs (2)	
	Total	Default Service	Retail Delivery	Total	Default Service	Retail Delivery	Increase (Decrease) Amount	%
600	\$101.26	\$42.38	\$58.88	\$112.88	\$55.33	\$57.55	\$11.62	11.5%
800	\$131.11	\$56.50	\$74.61	\$146.61	\$73.77	\$72.84	\$15.50	11.8%
1,200	\$190.83	\$84.76	\$106.07	\$214.07	\$110.65	\$103.42	\$23.24	12.2%
1,500	\$235.62	\$105.95	\$129.67	\$264.67	\$138.32	\$126.35	\$29.05	12.3%
2,000	\$310.24	\$141.26	\$168.98	\$348.98	\$184.42	\$164.56	\$38.74	12.5%

		<u>Present Rates</u>	<u>Proposed Rates</u>
Customer Charge		\$11.70	\$11.70
Distribution Charge	kWh x	\$0.04004	\$0.04004
Storm Adjustment Factor	kWh x	\$0.00221	\$0.00000
Transmission Charge	kWh x	\$0.03400	\$0.03400
Stranded Cost Charge	kWh x	(\$0.00146)	(\$0.00146)
System Benefits Charge	kWh x	\$0.00330	\$0.00330
Electricity Consumption Tax	kWh x	\$0.00055	\$0.00055

Supplier Services

Default Service	kWh x	\$0.07063	\$0.09221
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Monthly kWh	(1)			(2)			(1) vs (2)	
	Total	Default Service	Retail Delivery	Total	Default Service	Retail Delivery	Increase (Decrease) Amount	%
600	\$98.67	\$42.38	\$56.29	\$110.29	\$55.33	\$54.96	\$11.62	11.8%
800	\$127.59	\$56.50	\$71.09	\$143.09	\$73.77	\$69.32	\$15.50	12.1%
1,200	\$185.41	\$84.76	\$100.65	\$208.65	\$110.65	\$98.00	\$23.24	12.5%
1,500	\$228.81	\$105.95	\$122.86	\$257.86	\$138.32	\$119.54	\$29.05	12.7%
2,000	\$301.08	\$141.26	\$159.82	\$339.82	\$184.42	\$155.40	\$38.74	12.9%

		<u>Present Rates</u>	<u>Proposed Rates</u>
Customer Charge		\$11.92	\$11.92
Distribution Charge	kWh x	\$0.03567	\$0.03567
Storm Adjustment Factor	kWh x	\$0.00221	\$0.00000
Transmission Charge	kWh x	\$0.03372	\$0.03372
Stranded Cost Charge	kWh x	(\$0.00150)	(\$0.00150)
System Benefits Charge	kWh x	\$0.00330	\$0.00330
Electricity Consumption Tax	kWh x	\$0.00055	\$0.00055

Supplier Services

Default Service	kWh x	\$0.07063	\$0.09221
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Monthly kWh	(1) Present Rates			(2) Proposed Rates			(1) vs (2)	
	Total	Default Service	Retail Delivery	Total	Default Service	Retail Delivery	Increase (Decrease) Amount	%
600	\$94.67	\$42.38	\$52.29	\$106.29	\$55.33	\$50.96	\$11.62	12.3%
800	\$126.22	\$56.50	\$69.72	\$141.72	\$73.77	\$67.95	\$15.50	12.3%
1,200	\$189.34	\$84.76	\$104.58	\$212.58	\$110.65	\$101.93	\$23.24	12.3%
1,500	\$236.69	\$105.95	\$130.74	\$265.74	\$138.32	\$127.42	\$29.05	12.3%
2,000	\$315.56	\$141.26	\$174.30	\$354.30	\$184.42	\$169.88	\$38.74	12.3%

	<u>Present Rates</u>	<u>Proposed Rates</u>
Minimum Charge	\$11.74	\$11.74
Distribution Charge kWh x	\$0.04106	\$0.04106
Storm Adjustment Factor kWh x	\$0.00221	\$0.00000
Transmission Charge kWh x	\$0.04159	\$0.04159
Stranded Cost Charge kWh x	(\$0.00156)	(\$0.00156)
System Benefits Charge kWh x	\$0.00330	\$0.00330
Electricity Consumption Tax kWh x	\$0.00055	\$0.00055

Supplier Services

Default Service kWh x	\$0.07063	\$0.09221
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kW	Monthly kWh	kWh Split		(1)			(2)			(1) vs (2)	
		On-Peak kWh	Off-Peak kWh	Total	Default Service	Retail Delivery	Total	Default Service	Retail Delivery	Increase (Decrease) Amount	%
200	50,000	30,000	20,000	\$6,458.33	\$3,464.00	\$2,994.33	\$7,679.02	\$4,133.00	\$3,546.02	\$1,220.69	18.9%
300	75,000	45,000	30,000	\$9,527.18	\$5,196.00	\$4,331.18	\$11,356.47	\$6,199.50	\$5,156.97	\$1,829.29	19.2%
400	100,000	60,000	40,000	\$12,596.03	\$6,928.00	\$5,668.03	\$15,033.92	\$8,266.00	\$6,767.92	\$2,437.89	19.4%
500	125,000	75,000	50,000	\$15,664.88	\$8,660.00	\$7,004.88	\$18,711.37	\$10,332.50	\$8,378.87	\$3,046.49	19.4%
1,000	250,000	150,000	100,000	\$31,009.13	\$17,320.00	\$13,689.13	\$37,098.62	\$20,665.00	\$16,433.62	\$6,089.49	19.6%

	<u>Present Rates</u>	<u>Proposed Rates</u>
Customer Charge	\$320.63	\$324.12
Distribution Charge		
On Peak kWh	kWh x \$0.00325	\$0.00452
Off Peak kWh	kWh x \$0.00016	\$0.00139
Distribution Demand Charge	kW x \$6.84	\$6.91
Storm Adjustment Factor	kWh x \$0.00221	\$0.00000
Transmission Charge	kWh x \$0.01724	\$0.03118
Stranded Cost Charge	kWh x \$0.00080	(\$0.00150)
System Benefits Charge	kWh x \$0.00330	\$0.00330
Electricity Consumption Tax	kWh x \$0.00055	\$0.00055

Supplier Services

Default Service	kWh x \$0.06928	\$0.08266
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kWh	Monthly kWh	kWh Split		(1)			(2)			(1) vs (2)	
		On-Peak kWh	Off-Peak kWh	Total	Default Service	Retail Delivery	Total	Default Service	Retail Delivery	Increase (Decrease) Amount	%
200	70,000	35,000	35,000	\$8,344.58	\$4,849.60	\$3,494.98	\$10,046.27	\$5,786.20	\$4,260.07	\$1,701.69	20.4%
300	105,000	52,500	52,500	\$12,356.56	\$7,274.40	\$5,082.16	\$14,907.35	\$8,679.30	\$6,228.05	\$2,550.79	20.6%
400	140,000	70,000	70,000	\$16,368.53	\$9,699.20	\$6,669.33	\$19,768.42	\$11,572.40	\$8,196.02	\$3,399.89	20.8%
500	175,000	87,500	87,500	\$20,380.51	\$12,124.00	\$8,256.51	\$24,629.50	\$14,465.50	\$10,164.00	\$4,248.99	20.8%
1,000	350,000	175,000	175,000	\$40,440.38	\$24,248.00	\$16,192.38	\$48,934.87	\$28,931.00	\$20,003.87	\$8,494.49	21.0%

	<u>Present Rates</u>	<u>Proposed Rates</u>
Customer Charge	\$320.63	\$324.12
Distribution Charge		
On Peak kWh	kWh x \$0.00325	\$0.00452
Off Peak kWh	kWh x \$0.00016	\$0.00139
Distribution Demand Charge	kW x \$6.84	\$6.91
Storm Adjustment Factor	kWh x \$0.00221	\$0.00000
Transmission Charge	kWh x \$0.01724	\$0.03118
Stranded Cost Charge	kWh x \$0.00080	(\$0.00150)
System Benefits Charge	kWh x \$0.00330	\$0.00330
Electricity Consumption Tax	kWh x \$0.00055	\$0.00055

Supplier Services

Default Service	kWh x \$0.06928	\$0.08266
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kWh	Monthly kWh	kWh Split		(1)			(2)			(1) vs (2)	
		On-Peak	Off-Peak	Total	Default Service	Retail Delivery	Total	Default Service	Retail Delivery	Increase (Decrease) Amount	%
200	90,000	40,500	49,500	\$10,232.38	\$6,235.20	\$3,997.18	\$12,415.09	\$7,439.40	\$4,975.69	\$2,182.71	21.3%
300	135,000	60,750	74,250	\$15,188.25	\$9,352.80	\$5,835.45	\$18,460.57	\$11,159.10	\$7,301.47	\$3,272.32	21.5%
400	180,000	81,000	99,000	\$20,144.12	\$12,470.40	\$7,673.72	\$24,506.05	\$14,878.80	\$9,627.25	\$4,361.93	21.7%
500	225,000	101,250	123,750	\$25,099.99	\$15,588.00	\$9,511.99	\$30,551.53	\$18,598.50	\$11,953.03	\$5,451.54	21.7%
1,000	450,000	202,500	247,500	\$49,879.36	\$31,176.00	\$18,703.36	\$60,778.95	\$37,197.00	\$23,581.95	\$10,899.59	21.9%

	<u>Present Rates</u>	<u>Proposed Rates</u>
Customer Charge	\$320.63	\$324.12
Distribution Charge		
On Peak kWh	kWh x \$0.00325	\$0.00452
Off Peak kWh	kWh x \$0.00016	\$0.00139
Distribution Demand Charge	kW x \$6.84	\$6.91
Storm Adjustment Factor	kWh x \$0.00221	\$0.00000
Transmission Charge	kWh x \$0.01724	\$0.03118
Stranded Cost Charge	kWh x \$0.00080	(\$0.00150)
System Benefits Charge	kWh x \$0.00330	\$0.00330
Electricity Consumption Tax	kWh x \$0.00055	\$0.00055

Supplier Services

Default Service	kWh x \$0.06928	\$0.08266
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Hours Use	kWh Split				(1)		(2)		(1) vs (2)		
	450	On-Peak	40.00%	Off-Peak	60.00%						
kW	Monthly kWh	On-Peak kWh	Off-Peak kWh	Total	Present Rates Default Service	Retail Delivery	Total	Proposed Rates Default Service	Retail Delivery	Overall Increase (Decrease) Amount	%
200	90,000	36,000	54,000	\$10,218.47	\$6,235.20	\$3,983.27	\$12,401.00	\$7,439.40	\$4,961.60	\$2,182.53	21.4%
300	135,000	54,000	81,000	\$15,167.39	\$9,352.80	\$5,814.59	\$18,439.44	\$11,159.10	\$7,280.34	\$3,272.05	21.6%
400	180,000	72,000	108,000	\$20,116.31	\$12,470.40	\$7,645.91	\$24,477.88	\$14,878.80	\$9,599.08	\$4,361.57	21.7%
500	225,000	90,000	135,000	\$25,065.23	\$15,588.00	\$9,477.23	\$30,516.32	\$18,598.50	\$11,917.82	\$5,451.09	21.7%
1,000	450,000	180,000	270,000	\$49,809.83	\$31,176.00	\$18,633.83	\$60,708.52	\$37,197.00	\$23,511.52	\$10,898.69	21.9%

	<u>Present Rates</u>	<u>Proposed Rates</u>
Customer Charge	\$320.63	\$324.12
Distribution Charge		
On Peak kWh	kWh x \$0.00325	\$0.00452
Off Peak kWh	kWh x \$0.00016	\$0.00139
Distribution Demand Charge	kW x \$6.84	\$6.91
Storm Adjustment Factor	kWh x \$0.00221	\$0.00000
Transmission Charge	kWh x \$0.01724	\$0.03118
Stranded Cost Charge	kWh x \$0.00080	(\$0.00150)
System Benefits Charge	kWh x \$0.00330	\$0.00330
Electricity Consumption Tax	kWh x \$0.00055	\$0.00055

Supplier Services

Default Service	kWh x \$0.06928	\$0.08266
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Hours Use 200

kW	Monthly kWh	(1) -----/			(2) -----/			(1) vs (2)	
		Total	Default Service	Retail Delivery	Total	Default Service	Retail Delivery	Increase (Decrease) Amount	%
20	4,000	\$583.96	\$277.12	\$306.84	\$677.38	\$330.64	\$346.74	\$93.42	16.0%
50	10,000	\$1,379.68	\$692.80	\$686.88	\$1,612.36	\$826.60	\$785.76	\$232.68	16.9%
75	15,000	\$2,042.78	\$1,039.20	\$1,003.58	\$2,391.51	\$1,239.90	\$1,151.61	\$348.73	17.1%
100	20,000	\$2,705.88	\$1,385.60	\$1,320.28	\$3,170.66	\$1,653.20	\$1,517.46	\$464.78	17.2%
150	30,000	\$4,032.08	\$2,078.40	\$1,953.68	\$4,728.96	\$2,479.80	\$2,249.16	\$696.88	17.3%

		<u>Present Rates</u>	<u>Proposed Rates</u>
Customer Charge		\$53.48	\$54.06
Distribution Charge	kWh x	\$0.00055	\$0.00179
Distribution Demand Charge	kW x	\$6.89	\$6.96
Storm Adjustment Factor	kWh x	\$0.00221	\$0.00000
Transmission Charge	kWh x	\$0.02147	\$0.03424
Stranded Cost Charge	kWh x	\$0.00081	(\$0.00151)
System Benefits Charge	kWh x	\$0.00330	\$0.00330
Electricity Consumption Tax	kWh x	\$0.00055	\$0.00055

Supplier Services

Default Service	kWh x	\$0.06928	\$0.08266
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Hours Use 250

kW	Monthly kWh	(1) Present Rates			(2) Proposed Rates			(1) vs (2)	
		Total	Default Service	Retail Delivery	Total	Default Service	Retail Delivery	Increase (Decrease) Amount	%
20	5,000	\$682.13	\$346.40	\$335.73	\$798.41	\$413.30	\$385.11	\$116.28	17.0%
50	12,500	\$1,625.13	\$866.00	\$759.13	\$1,914.94	\$1,033.25	\$881.69	\$289.81	17.8%
75	18,750	\$2,410.92	\$1,299.00	\$1,111.92	\$2,845.38	\$1,549.88	\$1,295.50	\$434.46	18.0%
100	25,000	\$3,196.73	\$1,732.00	\$1,464.73	\$3,775.81	\$2,066.50	\$1,709.31	\$579.08	18.1%
150	37,500	\$4,768.38	\$2,598.00	\$2,170.38	\$5,636.69	\$3,099.75	\$2,536.94	\$868.31	18.2%

		<u>Present Rates</u>	<u>Proposed Rates</u>
Customer Charge		\$53.48	\$54.06
Distribution Charge	kWh x	\$0.00055	\$0.00179
Distribution Demand Charge	kW x	\$6.89	\$6.96
Storm Adjustment Factor	kWh x	\$0.00221	\$0.00000
Transmission Charge	kWh x	\$0.02147	\$0.03424
Stranded Cost Charge	kWh x	\$0.00081	(\$0.00151)
System Benefits Charge	kWh x	\$0.00330	\$0.00330
Electricity Consumption Tax	kWh x	\$0.00055	\$0.00055

Supplier Services

Default Service	kWh x	\$0.06928	\$0.08266
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Hours Use 300

kW	Monthly kWh	(1)			(2)			(1) vs (2)	
		Total	Default Service	Retail Delivery	Total	Default Service	Retail Delivery	Increase (Decrease) Amount	%
20	6,000	\$780.30	\$415.68	\$364.62	\$919.44	\$495.96	\$423.48	\$139.14	17.8%
50	15,000	\$1,870.53	\$1,039.20	\$831.33	\$2,217.51	\$1,239.90	\$977.61	\$346.98	18.5%
75	22,500	\$2,779.08	\$1,558.80	\$1,220.28	\$3,299.24	\$1,859.85	\$1,439.39	\$520.16	18.7%
100	30,000	\$3,687.58	\$2,078.40	\$1,609.18	\$4,380.96	\$2,479.80	\$1,901.16	\$693.38	18.8%
150	45,000	\$5,504.63	\$3,117.60	\$2,387.03	\$6,544.41	\$3,719.70	\$2,824.71	\$1,039.78	18.9%

	<u>Present Rates</u>	<u>Proposed Rates</u>
Customer Charge	\$53.48	\$54.06
Distribution Charge kWh x	\$0.00055	\$0.00179
Distribution Demand Charge kW x	\$6.89	\$6.96
Storm Adjustment Factor kWh x	\$0.00221	\$0.00000
Transmission Charge kWh x	\$0.02147	\$0.03424
Stranded Cost Charge kWh x	\$0.00081	(\$0.00151)
System Benefits Charge kWh x	\$0.00330	\$0.00330
Electricity Consumption Tax kWh x	\$0.00055	\$0.00055

Supplier Services

Default Service kWh x	\$0.06928	\$0.08266
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RATES EFFECTIVE NOVEMBER 1, 2015
FOR USAGE ON AND AFTER NOVEMBER 1, 2015

Rate	Blocks	Distribution Charge	Business Profits Tax	REP/VMP	Energy Service Adjustment	Net Distribution Charge	Transmission Charge	Stranded Cost Charge	System Benefits Charge	Electricity Consumption Tax	Total Delivery Service	Energy Service	Total Rate	
D	Customer Charge	\$ 11.79				11.79					11.79		\$ 11.79	
	1st 250 kWh	\$ 0.03185	0.00057	(0.00017)	(0.00017)	0.03208	0.03557	(0.00150)	0.00330	0.00055	0.07000	0.09221	\$ 0.16221	
	Excess kWh	\$ 0.04784	0.00057	(0.00017)	(0.00017)	0.04807	0.03557	(0.00150)	0.00330	0.00055	0.08599	0.09221	\$ 0.17820	
Off Peak Water Heating Use 16 Hour Control ¹	All kWh	\$ 0.03042	0.00057	(0.00017)	(0.00017)	0.03065	0.03557	(0.00150)	0.00330	0.00055	0.06857	0.09221	\$ 0.16078	
Off Peak Water Heating Use 6 Hour Control ¹	All kWh	\$ 0.03176	0.00057	(0.00017)	(0.00017)	0.03199	0.03557	(0.00150)	0.00330	0.00055	0.06991	0.09221	\$ 0.16212	
Farm ¹	All kWh	\$ 0.03984	0.00057	(0.00017)	(0.00017)	0.04007	0.03557	(0.00150)	0.00330	0.00055	0.07799	0.09221	\$ 0.17020	
D-10	Customer Charge	\$ 11.95				11.95					11.95		\$ 11.95	
	On Peak kWh	\$ 0.09007	0.00057	(0.00017)	(0.00008)	0.09039	0.03558	(0.00154)	0.00330	0.00055	0.12828	0.09221	\$ 0.22049	
	Off Peak kWh	\$ 0.00076	0.00057	(0.00017)	(0.00008)	0.00108	0.03558	(0.00154)	0.00330	0.00055	0.03897	0.09221	\$ 0.13118	
G-1	Customer Charge	\$ 324.09				324.09					324.09		\$ 324.09	
	Demand Charge	\$ 6.91				6.91					6.91		\$ 6.91	
	On Peak kWh	\$ 0.00389	0.00057	(0.00017)	NA	0.00429	0.03118	(0.00150)	0.00330	0.00055	0.03782	0.07700	\$ 0.11482	
												0.09593	\$ 0.13375	
												0.12037	\$ 0.15819	
												0.11824	\$ 0.15606	
												0.09075	\$ 0.12857	
												0.06941	\$ 0.10723	
												0.06122	\$ 0.09904	
												0.05541	\$ 0.09323	
												0.06020	\$ 0.09802	
		Off Peak kWh	\$ 0.00076	0.00057	(0.00017)	NA	0.00116	0.03118	(0.00150)	0.00330	0.00055	0.03469	0.07700	\$ 0.11169
												0.09593	\$ 0.13062	
												0.12037	\$ 0.15506	
												0.11824	\$ 0.15293	
											0.09075	\$ 0.12544		
											0.06941	\$ 0.10723		
											0.06122	\$ 0.09904		
											0.05541	\$ 0.09323		
											0.06020	\$ 0.09489		
G-2	Customer Charge	\$ 54.05				54.05					54.05		\$ 54.05	
	Demand Charge	\$ 6.96				6.96					6.96		\$ 6.96	
	All kWh	\$ 0.00116	0.00057	(0.00017)	NA	0.00156	0.03424	(0.00151)	0.00330	0.00055	0.03814	0.07700	\$ 0.11514	
												0.09593	\$ 0.13407	
												0.12037	\$ 0.15851	
												0.11824	\$ 0.15638	
												0.09075	\$ 0.12889	
												0.06941	\$ 0.10723	
												0.06122	\$ 0.09904	
												0.05541	\$ 0.09323	
											0.06020	\$ 0.09834		
G-3	Customer Charge	\$ 11.70				11.70					11.70		\$ 11.70	
	All kWh	\$ 0.03958	0.00057	(0.00017)	(0.00017)	0.03981	0.03400	(0.00144)	0.00330	0.00055	0.07622	0.09221	\$ 0.16843	
M	All kWh	\$ -	0.00057	(0.00017)	NA	0.00040	0.02359	(0.00150)	0.00330	0.00055	0.02634	0.09221	\$ 0.11855	
T	Customer Charge	\$ 11.92				11.92					11.92		\$ 11.92	
	All kWh	\$ 0.03511	0.00057	(0.00017)	(0.00007)	0.03544	0.03372	(0.00149)	0.00330	0.00055	0.07152	0.09221	\$ 0.16373	
V	Minimum Charge	\$ 11.74				11.74					11.74		\$ 11.74	
	All kWh	\$ 0.04052	0.00057	(0.00017)	(0.00009)	0.04083	0.04159	(0.00161)	0.00330	0.00055	0.08466	0.09221	\$ 0.17687	

¹ Rate is a subset of Domestic Rate D

Dated: xxx xx, 2015
Effective: November 1, 2015

Issued by: /s/Daniel G. Saad
Daniel G. Saad
Title: President

RATES EFFECTIVE **MAY 1, 2015**
FOR USAGE ON AND AFTER **MAY 1, 2015**

Rate	Blocks	Distribution Charge	Business Profits Tax	REP/VMP	Energy Service Adjustment	Net Distribution Charge	Transmission Charge	Stranded Cost Charge	System Benefits Charge	Electricity Consumption Tax	Total Delivery Service	Energy Service	Total Rate
D	Customer Charge	\$ 11.79				11.79					11.79		\$ 11.79
	1st 250 kWh	\$ 0.03185	0.00057	(0.00017)	(0.00017)	0.03208	0.03557	(0.00150)	0.00330	0.00055	0.07000	0.07063	\$ -0.14063
	Excess kWh	\$ 0.04784	0.00057	(0.00017)	(0.00017)	0.04807	0.03557	(0.00150)	0.00330	0.00055	0.08599	0.07063	\$ -0.15662
Off Peak Water Heating Use 16 Hour Control ¹	All kWh	\$ 0.03042	0.00057	(0.00017)	(0.00017)	0.03065	0.03557	(0.00150)	0.00330	0.00055	0.06857	0.07063	\$ -0.13920
Off Peak Water Heating Use 6 Hour Control ¹	All kWh	\$ 0.03176	0.00057	(0.00017)	(0.00017)	0.03199	0.03557	(0.00150)	0.00330	0.00055	0.06991	0.07063	\$ -0.14054
Farm ¹	All kWh	\$ 0.03984	0.00057	(0.00017)	(0.00017)	0.04007	0.03557	(0.00150)	0.00330	0.00055	0.07799	0.07063	\$ -0.14862
D-10	Customer Charge	\$ 11.95				11.95					11.95		\$ 11.95
	On Peak kWh	\$ 0.09007	0.00057	(0.00017)	(0.00008)	0.09039	0.03558	(0.00154)	0.00330	0.00055	0.12828	0.07063	\$ -0.19891
	Off Peak kWh	\$ 0.00076	0.00057	(0.00017)	(0.00008)	0.00108	0.03558	(0.00154)	0.00330	0.00055	0.03897	0.07063	\$ -0.10960
G-1	Customer Charge	\$ 324.09				324.09					324.09		\$ 324.09
	Demand Charge	\$ 6.91				6.91					6.91		\$ 6.91
	On Peak kWh	\$ 0.00389	0.00057	(0.00017)	NA	0.00429	0.03118	(0.00150)	0.00330	0.00055	0.03782		
												0.05973	\$ -0.09755
												0.06683	\$ -0.10465
												0.07808	\$ -0.11590
												0.07084	\$ -0.10866
												0.06719	\$ -0.10501
												0.07102	\$ -0.10884
	Off Peak kWh	\$ 0.00076	0.00057	(0.00017)	NA	0.00116	0.03118	(0.00150)	0.00330	0.00055	0.03469		
												0.05973	\$ -0.09442
											0.06683	\$ -0.10152	
											0.07808	\$ -0.11277	
											0.07084	\$ -0.10553	
											0.06719	\$ -0.10188	
											0.07102	\$ -0.10571	
G-2	Customer Charge	\$ 54.05				54.05					54.05		\$ 54.05
	Demand Charge	\$ 6.96				6.96					6.96		\$ 6.96
	All kWh	\$ 0.00116	0.00057	(0.00017)	NA	0.00156	0.03424	(0.00151)	0.00330	0.00055	0.03814		\$ -0.03814
												0.05973	\$ -0.09787
												0.06683	\$ -0.10497
												0.07808	\$ -0.11622
												0.07084	\$ -0.10898
											0.06719	\$ -0.10533	
											0.07102	\$ -0.10916	
G-3	Customer Charge	\$ 11.70				11.70					11.70		\$ 11.70
	All kWh	\$ 0.03958	0.00057	(0.00017)	(0.00017)	0.03981	0.03400	(0.00144)	0.00330	0.00055	0.07622	0.07063	\$ -0.14685
M	All kWh	\$ -	0.00057	(0.00017)	NA	0.00040	0.02359	(0.00150)	0.00330	0.00055	0.02634	0.07063	\$ -0.09697
T	Customer Charge	\$ 11.92				11.92					11.92		\$ 11.92
	All kWh	\$ 0.03511	0.00057	(0.00017)	(0.00007)	0.03544	0.03372	(0.00149)	0.00330	0.00055	0.07152	0.07063	\$ -0.14215
V	Minimum Charge	\$ 11.74				11.74					11.74		\$ 11.74
	All kWh	\$ 0.04052	0.00057	(0.00017)	(0.00009)	0.04083	0.04159	(0.00161)	0.00330	0.00055	0.08466	0.07063	\$ -0.15529

¹ Rate is a subset of Domestic Rate D

Dated: **May 4, 2015**
Effective: **May 1, 2015**

Issued by: /s/Daniel G. Saad
Daniel G. Saad
Title: President

CUSTOMER MIGRATION REPORT

Energy Service and Competitive Generation Customers for Quarter 2 of 2015

Customer Rate Class	Energy Service						Competitive Service					
	Apr-2015	May-2015	Jun-2015	Apr-2015	May-2015	Jun-2015	Apr-2015	May-2015	Jun-2015	Apr-2015	May-2015	Jun-2015
	Number of Energy Service Customers			kWh Used by Energy Service Customers			Number of Competitive Service Customers			kWh Used by Competitive Service Customers		
D	30,877	30,741	30,821	19,459,783	15,818,704	19,618,787	3,739	3,749	3,895	2,594,170	2,290,982	2,619,341
D-10	354	364	376	507,136	386,251	311,255	44	41	52	60,092	37,190	44,860
T	924	916	880	1,297,691	764,757	731,813	189	187	189	344,948	227,557	255,078
G-1	43	38	35	6,533,805	5,748,060	7,130,607	89	88	99	22,028,161	22,499,868	27,861,778
G-2	505	516	488	6,932,222	5,526,538	6,768,202	349	309	375	5,116,494	5,255,131	6,847,269
G-3	4,657	4,591	4,564	6,402,156	5,129,125	5,964,192	995	976	1,119	1,381,372	1,386,086	1,621,379
V	18	18	18	28,620	17,922	21,229	1	1	1	2,148	720	226
Streetlights	580	578	556	161,529	140,065	141,069	97	95	115	129,638	237,708	237,232
TOTAL	37,958	37,762	37,738	41,322,942	33,531,422	40,687,154	5,503	5,446	5,845	31,657,023	31,935,242	39,487,163
	Number of Energy Service Customers as % of Total			kWh Used by Energy Service Customers as % of Total			Number of Competitive Service Customers as % of Total			kWh Used by Competitive Service Customers as % of Total		
D	89%	89%	89%	88%	87%	88%	11%	11%	11%	12%	13%	12%
D-10	89%	90%	88%	89%	91%	87%	11%	10%	12%	11%	9%	13%
T	83%	83%	82%	79%	77%	74%	17%	17%	18%	21%	23%	26%
G-1	33%	30%	26%	23%	20%	20%	67%	70%	74%	77%	80%	80%
G-2	59%	63%	57%	58%	51%	50%	41%	37%	43%	42%	49%	50%
G-3	82%	82%	80%	82%	79%	79%	18%	18%	20%	18%	21%	21%
V	95%	95%	95%	93%	96%	99%	5%	5%	5%	7%	4%	1%
Streetlights	86%	86%	83%	55%	37%	37%	14%	14%	17%	45%	63%	63%
TOTAL	87%	87%	87%	57%	51%	51%	13%	13%	13%	43%	49%	49%

Prepared By: J. Warsaw

Date: 7/21/2015

Liberty Utilities (Granite State Electric) Corp. d/b/a Liberty Utilities										
Retail Revenue by Rate Class and Unbundled Component										
At the Rate Levels Effective May 1, 2015										
\$/KWH										
Class	Distribution	Transmission	Stranded Cost Charge	Storm Recovery Adjustment Factor	System Benefits	Consumption Tax	Total Delivery Service	Energy Service ²	Total Revenue	
Domestic Rate D	\$ 0.05977	\$ 0.03557	\$ (0.00150)	\$ 0.00221	\$ 0.00330	\$ 0.00055	\$ 0.09990	\$ 0.06265	\$ 0.16255	
Domestic Rate D-10	0.04300	0.03558	(0.00152)	0.00221	0.00330	0.00055	0.08312	0.06265	0.14577	
General Service TOU Rate G-1	0.02096	0.03118	(0.00150)	0.00221	0.00330	0.00055	0.05670	0.02449	0.08119	
General Long Hour Service Rate G-2	0.02850	0.03424	(0.00151)	0.00221	0.00330	0.00055	0.06729	0.02497	0.09225	
General Service Rate G-3	0.04779	0.03400	(0.00146)	0.00221	0.00330	0.00055	0.08639	0.06265	0.14904	
Outdoor Lighting Rate M	0.19749	0.03372	(0.00150)	0.00221	0.00330	0.00055	0.23577	0.06265	0.29842	
Electric Living Rate T	0.04314	0.02359	(0.00150)	0.00221	0.00330	0.00055	0.07129	0.06265	0.13394	
Commercial Space Heating Rate V	<u>0.04049</u>	<u>0.04159</u>	<u>(0.00156)</u>	<u>0.00221</u>	<u>0.00330</u>	<u>0.00055</u>	<u>0.08658</u>	<u>0.06265</u>	<u>0.14923</u>	
Total Retail	<u>0.03819</u>	<u>0.03321</u>	<u>(0.00150)</u>	<u>0.00221</u>	<u>0.00330</u>	<u>0.00055</u>	<u>0.07596</u>	<u>0.04117</u>	<u>0.11713</u>	

Notes:
(1) For purposes of this calculation, all customers are assumed to receive service under the Energy Service rate.
(2) The energy service rate is a blended rate between the November 1, 2014 and May 1, 2015 rate changes.

Liberty Utilities (Granite State Electric) Corp. d/b/a Liberty Utilities
Retail Revenue by Rate Class and Unbundled Component
At the Rate Levels Effective November 1, 2015
\$/KWH

<u>Class</u>	<u>Distribution</u> ¹	<u>Transmission</u>	<u>Stranded Cost Charge</u>	<u>Storm Recovery Adjustment Factor</u>	<u>System Benefits</u>	<u>Consumption Tax</u>	<u>Total Delivery Service</u>	<u>Energy Service</u> ²	<u>Total Revenue</u>
Domestic Rate D	\$ 0.05820	\$ 0.03464	\$ (0.00146)	\$ -	\$ 0.00321	\$ 0.00054	\$ 0.09513	\$ 0.09221	\$ 0.17012
Domestic Rate D-10	0.04016	0.03323	(0.00142)	-	0.00308	0.00051	0.07556	0.09221	0.14748
General Service TOU Rate G-1	0.02031	0.03022	(0.00145)	-	0.00320	0.00053	0.05281	0.08266	0.07508
General Long Hour Service Rate G-2	0.02784	0.03346	(0.00148)	-	0.00322	0.00054	0.06359	0.08266	0.08864
General Service Rate G-3	0.04649	0.03308	(0.00142)	-	0.00321	0.00054	0.08189	0.09221	0.15681
Outdoor Lighting Rate M	0.21377	0.03650	(0.00162)	-	0.00357	0.00060	0.25281	0.09221	0.33616
Electric Living Rate T	0.04515	0.02469	(0.00157)	-	0.00345	0.00058	0.07230	0.09221	0.15289
Commercial Space Heating Rate V	<u>0.03889</u>	<u>0.03995</u>	<u>(0.00150)</u>	<u>-</u>	<u>0.00317</u>	<u>0.00053</u>	<u>0.08103</u>	<u>0.09221</u>	<u>0.15499</u>
Total Retail	<u>\$ 0.03719</u>	<u>\$ 0.03235</u>	<u>\$ (0.00146)</u>	<u>\$ -</u>	<u>\$ 0.00321</u>	<u>\$ 0.00054</u>	<u>\$ 0.07183</u>	<u>\$ 0.04571</u>	<u>\$ 0.11754</u>

Notes:

(1) Revenues are calculated on the Proposed May 1, 2015 Step Adjustment in Docket DE 13-063

(2) For purposes of this calculation, all customers are assumed to receive service under the Energy Service rate.

Liberty Utilities (Granite State Electric) Corp. d/b/a Liberty Utilities										
Retail Revenue by Rate Class and Unbundled Component										
At the Rate Levels Effective November 1, 2015										
\$/KWH										
<u>Class</u>	<u>Distribution</u> ¹	<u>Transmission</u>	<u>Stranded Cost Charge</u>	<u>Storm Recovery Adjustment Factor</u>	<u>System Benefits</u>	<u>Consumption Tax</u>	<u>Total Delivery Service</u>	<u>Energy Service</u> ²	<u>Total Revenue</u>	
Domestic Rate D	\$ -	\$ -	\$ -	\$ (0.00221)	\$ -	\$ -	\$ (0.00221)	\$ 0.01436	\$ 0.01215	
Domestic Rate D-10	-	-	-	(0.00221)	-	-	(0.00221)	0.01436	0.01215	
General Service TOU Rate G-1	-	-	-	(0.00221)	-	-	(0.00221)	(0.00151)	(0.00372)	
General Long Hour Service Rate G-2	-	-	-	(0.00221)	-	-	(0.00221)	0.00067	(0.00154)	
General Service Rate G-3	-	-	-	(0.00221)	-	-	(0.00221)	0.01436	0.01215	
Outdoor Lighting Rate M	-	-	-	(0.00221)	-	-	(0.00221)	0.01436	0.01215	
Electric Living Rate T	-	-	-	(0.00221)	-	-	(0.00221)	0.01436	0.01215	
Commercial Space Heating Rate V	-	-	-	(0.00221)	-	-	(0.00221)	0.01436	0.01215	
Total Retail	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ (0.00221)</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ (0.00221)</u>	<u>\$ 0.00576</u>	<u>\$ 0.00355</u>	

Notes:
(1) Revenues are calculated on the Proposed May 1, 2015 Step Adjustment in Docket DE 13-063
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Liberty Utilities (Granite State Electric) Corp. d/b/a Liberty Utilities Retail Revenue by Rate Class and Unbundled Component At the Rate Levels Effective November 1, 2015 Percentage Change in each Rate Component									
<u>Class</u>	<u>Distribution¹</u>	<u>Transmission</u>	<u>Stranded Cost Charge</u>	<u>Storm Recovery Adjustment Factor</u>	<u>System Benefits</u>	<u>Consumption Tax</u>	<u>Total Delivery Service</u>	<u>Energy Service²</u>	<u>Total Revenue</u>
Domestic Rate D	0.00%	0.00%	0.00%	-100.00%	0.00%	0.00%	-2.21%	22.91%	7.47%
Domestic Rate D-10	0.00%	0.00%	0.00%	-100.00%	0.00%	0.00%	-2.66%	22.91%	8.33%
General Service TOU Rate G-1	0.00%	0.00%	0.00%	-100.00%	0.00%	0.00%	-3.90%	-6.17%	-4.58%
General Long Hour Service Rate G-2	0.00%	0.00%	0.00%	-100.00%	0.00%	0.00%	-3.28%	2.67%	-1.67%
General Service Rate G-3	0.00%	0.00%	0.00%	-100.00%	0.00%	0.00%	-2.56%	22.91%	8.15%
Outdoor Lighting Rate M	0.00%	0.00%	0.00%	-100.00%	0.00%	0.00%	-0.94%	22.91%	4.07%
Electric Living Rate T	0.00%	0.00%	0.00%	-100.00%	0.00%	0.00%	-3.10%	22.91%	9.07%
Commercial Space Heating Rate V	<u>0.00%</u>	<u>0.00%</u>	<u>0.00%</u>	<u>-100.00%</u>	<u>0.00%</u>	<u>0.00%</u>	<u>-2.55%</u>	<u>22.92%</u>	<u>8.14%</u>
Total Retail	<u>0.00%</u>	<u>0.00%</u>	<u>0.00%</u>	<u>-100.00%</u>	<u>0.00%</u>	<u>0.00%</u>	<u>-2.91%</u>	<u>13.99%</u>	<u>3.03%</u>

Notes:
(1) Revenues are calculated on the Proposed May 1, 2015 Step Adjustment in Docket DE 13-063
(2) For purposes of this calculation, all customers are assumed to receive service under the Energy Service rate.

Liberty Utilities (Granite State Electric) Corp. d/b/a Liberty Utilities
Retail Revenue by Rate Class and Unbundled Component
At the Rate Levels Effective November 1, 2015
Rate Changes Expressed as a Percentage of Total Revenue for Each Class

<u>Class</u>	<u>Distribution</u> ¹	<u>Transmission</u>	<u>Stranded Cost Charge</u>	<u>Storm Recovery Adjustment Factor</u>	<u>System Benefits</u>	<u>Consumption Tax</u>	<u>Total Delivery Service</u>	<u>Energy Service</u> ²	<u>Total Revenue</u>
Domestic Rate D	0.00%	0.00%	0.00%	-1.36%	0.00%	0.00%	-1.36%	8.83%	7.47%
Domestic Rate D-10	0.00%	0.00%	0.00%	-1.52%	0.00%	0.00%	-1.52%	9.85%	8.33%
General Service TOU Rate G-1	0.00%	0.00%	0.00%	-2.72%	0.00%	0.00%	-2.72%	-1.86%	-4.58%
General Long Hour Service Rate G-2	0.00%	0.00%	0.00%	-2.40%	0.00%	0.00%	-2.40%	0.72%	-1.67%
General Service Rate G-3	0.00%	0.00%	0.00%	-1.48%	0.00%	0.00%	-1.48%	9.63%	8.15%
Outdoor Lighting Rate M	0.00%	0.00%	0.00%	-0.74%	0.00%	0.00%	-0.74%	4.81%	4.07%
Electric Living Rate T	0.00%	0.00%	0.00%	-1.65%	0.00%	0.00%	-1.65%	10.72%	9.07%
Commercial Space Heating Rate V	<u>0.00%</u>	<u>0.00%</u>	<u>0.00%</u>	<u>-1.48%</u>	<u>0.00%</u>	<u>0.00%</u>	<u>-1.48%</u>	<u>9.62%</u>	<u>8.14%</u>
Total Retail	<u>0.00%</u>	<u>0.00%</u>	<u>0.00%</u>	<u>-86.29%</u>	<u>0.00%</u>	<u>0.00%</u>	<u>-86.29%</u>	<u>224.83%</u>	<u>138.54%</u>

Notes:

(1) Revenues are calculated on the Proposed May 1, 2015 Step Adjustment in Docket DE 13-063

(2) For purposes of this calculation, all customers are assumed to receive service under the Energy Service rate.