

**Large Customer Group
Rates G-1 and G-2
Illustrative Weighted Average Energy Service Rates For Comparison Purposes Only
August 2018 - January 2019**

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

1 March 2018 Medium and Large C&I Energy Service kWhs	9,709,940
2 March 2018 Total Medium and Large C&I kWhs	<u>40,160,456</u>
3 Percentage of Medium and Large C&I Energy Service kWhs to Total Medium and Large C&I kWhs	24.18%

Section 2: Projected Medium and Large C&I Default Service kWhs, August 2018 - January 2019

	<u>August</u>	<u>September</u>	<u>October</u>	<u>November</u>	<u>December</u>	<u>January</u>	<u>Total</u>
	(a)	(b)	(c)	(d)	(e)	(f)	(g)
4 Projected Total Company Medium and Large kWhs	52,408,073	46,984,359	41,920,176	40,754,102	41,225,683	41,801,578	265,093,971
5 Percentage of Medium and Large C&I Energy Service kWhs to Total Medium and Large C&I kWhs	<u>24.18%</u>	<u>24.18%</u>	<u>24.18%</u>	<u>24.18%</u>	<u>24.18%</u>	<u>24.18%</u>	
6 Projected Medium and Large C&I Energy Service kWhs	12,671,152	11,359,814	10,135,403	9,853,471	9,967,489	10,106,728	64,094,057

Section 3: Medium and Large C&I Default Service Load Weighting for August 2018 - January 2019

7 Projected Medium and Large C&I Energy Service kWhs	12,671,152	11,359,814	10,135,403	9,853,471	9,967,489	10,106,728	64,094,057
8 Wholesale Loads (kWh)							
9 Retail Loads (kWh)							
10 Loss Factor							
11 Wholesale Contract Price (\$/MWh)							
12 Base Energy Service Rate (\$/kWh)	\$0.06680	\$0.06962	\$0.07748	\$0.07949	\$0.10062	\$0.12620	
13 Energy Service Reconciliation Adjustment Factor (\$/kWh)	(\$0.00970)	(\$0.00970)	(\$0.00970)	(\$0.00970)	(\$0.00970)	(\$0.00970)	
14 Energy Service Cost Reclassification Adjustment Factor (\$/kWh)	(\$0.00231)	(\$0.00231)	(\$0.00231)	(\$0.00231)	(\$0.00231)	(\$0.00231)	
15 Renewable Portfolio Standard Adder (\$/kWh)	\$0.00462	\$0.00462	\$0.00462	\$0.00462	\$0.00462	\$0.00557	
16 Total Estimated Medium and Large C&I Energy Service Price per kWh	\$0.05941	\$0.06223	\$0.07009	\$0.07210	\$0.09323	\$0.11976	
17 Projected Medium and Large C&I Base Default Service Cost, August 2018 - January 2019	<u>\$ 846,433</u>	<u>\$ 790,870</u>	<u>\$ 785,291</u>	<u>\$ 783,252</u>	<u>\$1,002,929</u>	<u>\$1,275,469</u>	<u>\$ 5,484,244</u>
18 Weighted Average Medium and Large C&I Base Default Service Charge for August 2018 - January 2019							\$ 0.08556
19 Projected Medium and Large C&I Default Service Cost, August 2018 - January 2019	<u>\$ 752,793</u>	<u>\$ 706,921</u>	<u>\$ 710,390</u>	<u>\$ 710,435</u>	<u>\$ 929,269</u>	<u>\$1,210,382</u>	<u>\$ 5,020,191</u>
20 Weighted Average Medium and Large C&I Default Service Charge for August 2018 - January 2019							\$ 0.07832

- 1 Per Monthly Energy Service Revenue Reports (Rates G-1 and G-2)
- 2 Per Monthly Total Revenue Reports (Rates G-1 and G-2)
- 3 Line (1) ÷ Line (2)
- 4 Per Company forecast for medium and large C&I rates (Rates G-1 and G-2)
- 5 Line (3)
- 6 Line (4) x Line (5)
- 7 Line (6)
- 8 Wholesale loads for the 12 month period ending December 2017
- 9 Retail loads for the 12 month period ending December 2017
- 10 Line (8) ÷ Line (9), rounded to five decimal places
- 11 Schedule JDW-2 Exhibit 5
- 12 Line (10) x Line (11) / 1000, truncated to five decimal places
- 13 Schedule JLU/DBS-5 Page 1, Line 8
- 14 Schedule JLU/DBS-6 Page 1, Line 5
- 15 Schedule JDW-2 Exhibit 11
- 16 Line (12) + Line (13) + Line (14) + Line (15) + Line (16) + Line (17)
- 17 Line (7) x Line (12)
- 18 Line (19) total ÷ Line (7) total, truncated after 5 decimal places
- 19 Line (7) x Line (18)
- 20 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
August 2018 - January 2019**

Section 1: Percentage of Residential and Small C&I kWhs Attributable to Energy Service	
1 March 2018 Residential and Small C&I Energy Service kWhs	26,997,218
2 March 2018 Total Residential and Small C&I kWhs	<u>31,763,081</u>
3 Percentage of Residential and Small C&I Energy Service kWhs to Total Residential & Small C&I kWhs	85.00%

Section 2: Projected Residential and Small C&I Default Service kWhs, August 2018 - January 2019

	August	September	October	November	December	January	Total
	(a)	(b)	(c)	(d)	(e)	(f)	(g)
4 Projected Total Company Residential and Small C&I kWhs	35,387,975	29,584,833	27,478,504	29,214,823	35,482,617	38,293,252	195,442,004
5 Percentage of Residential and Small C&I Energy Service kWhs to Total Residential & Small C&I kWhs	<u>85.00%</u>	<u>85.00%</u>	<u>85.00%</u>	<u>85.00%</u>	<u>85.00%</u>	<u>85.00%</u>	
6 Projected Residential and Small C&I Energy Service kWhs	30,078,218	25,145,803	23,355,517	24,831,311	30,158,660	32,547,575	166,117,084

Section 3: Residential and Small C&I Default Service Load Weighting for August 2018 - January 2019

7 Projected Residential and Small C&I Energy Service kWhs	30,078,218	25,145,803	23,355,517	24,831,311	30,158,660	32,547,575	166,117,084
8 Wholesale Loads (MWh)							
9 Retail Loads (MWh)							
10 Loss Factor							
11 Wholesale Contract Price (\$/MWh)							
12 Base Residential and Small C&I Energy Service Rate (\$/kWh)	\$0.07112	\$0.07601	\$0.08200	\$0.07883	\$0.09626	\$0.12228	
13 Energy Service Reconciliation Adjustment Factor (\$/kWh)	(\$0.00970)	(\$0.00970)	(\$0.00970)	(\$0.00970)	(\$0.00970)	(\$0.00970)	
14 Energy Service Cost Reclassification Adjustment Factor (\$/kWh)	(\$0.00124)	(\$0.00124)	(\$0.00124)	(\$0.00124)	(\$0.00124)	(\$0.00124)	
15 Proposed Renewable Portfolio Standard Adder (\$/kWh)	<u>\$0.00462</u>	<u>\$0.00462</u>	<u>\$0.00462</u>	<u>\$0.00462</u>	<u>\$0.00462</u>	<u>\$0.00557</u>	
16 Total Estimated Residential and Small C&I Energy Service Price per kWh	<u>\$0.06480</u>	<u>\$0.06969</u>	<u>\$0.07568</u>	<u>\$0.07251</u>	<u>\$0.08994</u>	<u>\$0.11691</u>	
17 Projected Residential and Small C&I Energy Service Base Cost, August 2018 - January 2019	<u>\$2,139,163</u>	<u>\$1,911,333</u>	<u>\$1,915,152</u>	<u>\$1,957,452</u>	<u>\$2,903,073</u>	<u>\$3,979,918</u>	<u>\$14,806,090</u>
18 Weighted Average Base Residential and Small C&I Energy Service Charge for August 2018 - January 2019							\$0.08913
19 Projected Residential and Small C&I Energy Service Cost, August 2018 - January 2019	<u>\$1,949,069</u>	<u>\$1,752,411</u>	<u>\$1,767,545</u>	<u>\$1,800,518</u>	<u>\$2,712,470</u>	<u>\$3,805,137</u>	<u>\$13,787,150</u>
20 Weighted Average Residential and Small C&I Energy Service Charge for August 2018 - January 2019							\$0.08299

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Liberty Utilities (Granite State Electric) Corp. d/b/a Liberty Utilities
Base Energy Service Reconciliation
August 2017 - July 2018

	Month	(Over)/Under Beginning Balance (a)	Base Energy Service Revenue (b)	Base 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)
[1]	Jun-17	\$ -	\$ (251,071)	\$ (172,056)	\$ 79,015	\$ 79,015	\$ 39,507	4.00%	\$ 132	\$ 132
[2]	Jul-17	\$ 79,146	\$ (164,449)	\$ (433,973)	\$ (269,524)	\$ (190,377)	\$ (55,616)	4.25%	\$ (197)	\$ (65)
[3]	Aug-17	\$ (190,574)	\$ 2,608,057	\$ 2,306,964	\$ (301,093)	\$ (491,667)	\$ (341,121)	4.25%	\$ (1,208)	\$ (1,208)
[4]	Sep-17	\$ (492,875)	\$ 2,473,570	\$ 2,220,475	\$ (253,094)	\$ (745,970)	\$ (619,423)	4.25%	\$ (2,194)	\$ (3,402)
[5]	Oct-17	\$ (748,164)	\$ 2,372,831	\$ 2,089,295	\$ (283,536)	\$ (1,031,699)	\$ (889,932)	4.25%	\$ (3,152)	\$ (6,554)
[6]	Nov-17	\$ (1,034,851)	\$ 2,265,241	\$ 2,323,542	\$ 58,301	\$ (976,550)	\$ (1,005,701)	4.25%	\$ (3,562)	\$ (10,116)
[7]	Dec-17	\$ (980,112)	\$ 2,851,375	\$ 3,565,604	\$ 714,229	\$ (265,883)	\$ (622,997)	4.25%	\$ (2,206)	\$ (12,322)
[8]	Jan-18	\$ (268,089)	\$ 3,646,202	\$ 4,777,140	\$ 1,130,938	\$ 862,849	\$ 297,380	4.50%	\$ 1,115	\$ (11,207)
[9]	Feb-18	\$ 863,965	\$ 3,256,950	\$ 4,139,405	\$ 882,455	\$ 1,746,419	\$ 1,305,192	4.50%	\$ 4,894	\$ (6,312)
[10]	Mar-18	\$ 1,751,314	\$ 3,132,074	\$ 2,725,372	\$ (406,702)	\$ 1,344,612	\$ 1,547,963	4.50%	\$ 5,805	\$ (508)
[11]	Apr-18	\$ 1,350,417	\$ 2,875,452	\$ 2,209,730	\$ (665,722)	\$ 684,695	\$ 1,017,556	4.75%	\$ 4,028	\$ 3,520
[12]	May-18	\$ 688,723	\$ 2,443,269	\$ 2,133,286	\$ (309,983)	\$ 378,739	\$ 533,731	4.75%	\$ 2,113	\$ 5,633
[13]*	Jun-18	\$ 380,852	\$ 2,786,236	\$ 2,347,275	\$ (438,961)	\$ (58,109)	\$ 161,372	4.75%	\$ 639	\$ 6,272
[14]*	Jul-18	\$ (57,470)	\$ 3,346,634	\$ 2,755,352	\$ (591,282)	\$ (648,752)	\$ (353,111)	4.75%	\$ (1,398)	\$ 4,874

\$ 34,057,889 \$ 33,593,440

Cumulative (Over)/Under Collection of Base Energy Service: \$ (650,150)

Lines [1] & [2] show differences between the actual and estimated values from the prior filing

- (a) Prior Month Column (e) + Prior Month Column (h)
- (b) Monthly Revenue calculated on JLU/DBS-3 P2
- (c) Monthly Expenses calculated on JLU/DBS-3 P3
- (d) Column (c) - Column (b)
- (e) Column (a) + Column (d)
- (f) [Column (a) + Column (e)] + 2
- (g) Interest rate on Customer Deposits
- (h) Column (f) x Column (g) / 12
- (i) Column (h) + Prior Month Column (i)
- * Projection

Liberty Utilities (Granite State Electric) Corp. d/b/a Liberty Utilities
Energy Service Revenue
August 2017 - July 2018

	Month	Energy Service Revenue (a)	Renewable Portfolio Standard Revenue (b)	Energy Service Adjustment Revenue (c)	Energy Service Cost Reclass. Adjustment Factor (d)	Border Sales Refund Factor (e)	Base Energy Service Revenue (f)
[1]	Jun-17	\$ (270,521)	\$ (10,921)	\$ (1,620)	\$ (7,205)	\$ 295	\$ (251,071)
[2]	Jul-17	\$ (179,202)	\$ (8,370)	\$ (1,242)	\$ (5,366)	\$ 225	\$ (164,449)
[3]	Aug-17	\$ 2,955,630	\$ 157,855	\$ 124,427	\$ 65,291	\$ -	\$ 2,608,057
[4]	Sep-17	\$ 2,793,142	\$ 144,564	\$ 113,950	\$ 61,058	\$ -	\$ 2,473,570
[5]	Oct-17	\$ 2,678,989	\$ 138,812	\$ 109,417	\$ 57,930	\$ -	\$ 2,372,831
[6]	Nov-17	\$ 2,556,014	\$ 131,730	\$ 103,834	\$ 55,210	\$ -	\$ 2,265,241
[7]	Dec-17	\$ 3,200,273	\$ 158,821	\$ 125,188	\$ 64,889	\$ -	\$ 2,851,375
[8]	Jan-18	\$ 4,058,766	\$ 185,292	\$ 151,029	\$ 76,243	\$ -	\$ 3,646,202
[9]	Feb-18	\$ 3,603,661	\$ 153,196	\$ 127,546	\$ 65,969	\$ -	\$ 3,256,950
[10]	Mar-18	\$ 3,468,997	\$ 148,529	\$ 122,969	\$ 65,425	\$ -	\$ 3,132,074
[11]	Apr-18	\$ 3,206,760	\$ 145,959	\$ 120,648	\$ 64,701	\$ -	\$ 2,875,452
[12]	May-18	\$ 2,739,373	\$ 130,184	\$ 107,069	\$ 58,851	\$ -	\$ 2,443,269
[13]*	Jun-18	\$ 3,123,002	\$ 147,953	\$ 121,461	\$ 67,352	\$ -	\$ 2,786,236
[14]*	Jul-18	\$ 3,744,914	\$ 175,296	\$ 144,555	\$ 78,429	\$ -	\$ 3,346,634
	Total	\$ 38,129,520	\$ 1,818,190	\$ 1,472,093	\$ 781,348	\$ -	\$ 34,057,889

Lines [1] & [2] show differences between the actual and estimated values from the prior filing

(a) Lines [3-14] Monthly Revenue Report

(b) Actual kWh sales multiplied by approved RPS Adder

(c) Actual kWh sales multiplied by approved Energy Service Adjustment Factor

(d) Actual kWh sales multiplied by the Energy Service Cost Reclassification Adjustment Factor approved

(e) Actual kWh sales multiplied by the approved Border Sales Refund Factor

(f) Column (a) - Column (b) - Column (c) - Column (d) - Column (e)

* Projection

Liberty Utilities (Granite State Electric) Corp. d/b/a Liberty Utilities
DE 18-041 Energy Service Reconciliation
Schedule JLU/DBS-3 Base ES Reconciliation
Page 3 of 3

Liberty Utilities (Granite State Electric) Corp. d/b/a Liberty Utilities
Energy Service Expense Calculation
August 2017 - July 2018

		Energy Service Expense (a)	RPS Expense (b)	Base Energy Service Expense (c)
[1]	Jun-17	\$ 2,322,288	\$ -	\$ 2,322,288
[2]	Jul-17	\$ 3,076,587	\$ 448,306	\$ 2,628,282
[3]	Aug-17	\$ 2,365,291	\$ 58,327	\$ 2,306,964
[4]	Sep-17	\$ 2,220,475	\$ -	\$ 2,220,475
[5]	Oct-17	\$ 2,446,098	\$ 356,804	\$ 2,089,295
[6]	Nov-17	\$ 2,323,542	\$ -	\$ 2,323,542
[7]	Dec-17	\$ 3,580,844	\$ 15,240	\$ 3,565,604
[8]	Jan-18	\$ 5,096,740	\$ 319,600	\$ 4,777,140
[9]	Feb-18	\$ 4,139,405	\$ -	\$ 4,139,405
[10]	Mar-18	\$ 2,725,372	\$ -	\$ 2,725,372
[11]	Apr-18	\$ 2,506,669	\$ 296,940	\$ 2,209,730
[12]	May-18	\$ 2,392,286	\$ 259,001	\$ 2,133,286
[13]*	Jun-18	\$ 2,362,805	\$ 15,531	\$ 2,347,275
[14]*	Jul-18	\$ 2,755,352	\$ -	\$ 2,755,352
	Total	\$ 34,914,880	\$ 1,321,441	\$ 33,593,440

Lines [1] & [2] show differences between the actual and estimated values from the prior filing

(a) Lines [3-14] Monthly Revenue Report

(b) Actual monthly RPS expenses

(c) Column (a) - Column (b)

* Projection

Liberty Utilities (Granite State Electric) Corp. d/b/a Liberty Utilities
Renewable Portfolio Standard Reconciliation
2017 Program Year

	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)
[1]	Jun-17	\$ -	\$ (10,921)	\$ -	\$ 10,921	\$ 10,921	\$ 5,460	4.00%	\$ 18	\$ 18
[2]	Jul-17	\$ 10,939	\$ 175,312	\$ 448,306	\$ 272,994	\$ 283,932	\$ 147,436	4.25%	\$ 522	\$ 522
[3]	Aug-17	\$ 284,454	\$ 157,855	\$ 58,327	\$ (99,528)	\$ 184,926	\$ 234,690	4.25%	\$ 831	\$ 1,353
[4]	Sep-17	\$ 185,757	\$ 144,564	\$ -	\$ (144,564)	\$ 41,194	\$ 113,475	4.25%	\$ 402	\$ 1,755
[5]	Oct-17	\$ 41,595	\$ 138,812	\$ 356,804	\$ 217,991	\$ 259,587	\$ 150,591	4.25%	\$ 533	\$ 2,289
[6]	Nov-17	\$ 260,120	\$ 131,730	\$ -	\$ (131,730)	\$ 128,391	\$ 194,255	4.25%	\$ 688	\$ 2,977
[7]	Dec-17	\$ 129,079	\$ 158,821	\$ 15,240	\$ (143,581)	\$ (14,502)	\$ 57,288	4.25%	\$ 203	\$ 3,179
[8]	Jan-18	\$ (14,299)	\$ 185,292	\$ 319,600	\$ 134,308	\$ 120,008	\$ 52,855	4.50%	\$ 198	\$ 3,378
[9]	Feb-18	\$ 120,207	\$ 153,196	\$ -	\$ (153,196)	\$ (32,989)	\$ 43,609	4.50%	\$ 164	\$ 3,541
[10]	Mar-18	\$ (32,825)	\$ 148,529	\$ -	\$ (148,529)	\$ (181,355)	\$ (107,090)	4.50%	\$ (402)	\$ 3,140
[11]	Apr-18	\$ (181,756)	\$ 145,959	\$ 296,940	\$ 150,980	\$ (30,776)	\$ (106,266)	4.75%	\$ (421)	\$ 2,719
[12]	May-18	\$ (31,197)	\$ 130,184	\$ 259,001	\$ 128,817	\$ 97,620	\$ 33,212	4.75%	\$ 131	\$ 2,850
[13]	* Jun-18	\$ 97,751	\$ 147,953	\$ 15,531	\$ (132,422)	\$ (34,671)	\$ 31,540	4.75%	\$ 125	\$ 2,975
			\$ 1,818,206	\$ 1,769,746						
										Cumulative (Over)/Under Collection of RPS Compliance Costs \$ (34,546)

Line [1] shows difference between the actual and estimated value from prior filing

- (a) Prior Month Column (e) + Prior Month Column (h)
- (b) Actual kWh sales multiplied by the RPS adder
- (c) Actual Monthly REC expenses
- (d) Column (c) - Column (b)
- (e) Column (a) + Column (d)
- (f) [Column (a) + Column (e)] + 2
- (g) Interest Rate on Customer Deposits
- (h) Column (f) x Column (g) / 12
- (i) Column (h) + Prior Month Column (i)
- * Projection (Revenue Only)

Liberty Utilities (Granite State Electric) Corp. d/b/a Liberty Utilities
DE 18-041 Energy Service Reconciliation
Schedule JLU/DBS-5 ES Adjustment Factor Reconciliation
Page 1 of 2

Liberty Utilities (Granite State Electric) Corp. d/b/a Liberty Utilities
Calculation of Energy Service Adjustment Factor
Effective August 1, 2018

[1] Prior Period Base Energy Service (Over)/Under Collection	\$	(650,150)
[2] Prior Period Energy Service Adjustment Factor (Over)/Under Collection	\$	(2,639,724)
[3] Prior Period RPS (Over)/Under Collection	\$	(34,546)
[4] Reversal of Unbilled Accrual Estimate 17-058	\$	1,563,102
[5] Reversal of Power Purchase Accrual Estimate 17-058	\$	(2,624,187)
[6] Total (Over)/Under Collection	\$	(4,385,505)
[7] Estimated Energy Service kWh Deliveries		451,751,506
[8] Energy Service Adjustment Factor per kWh	\$	(0.00970)

- [1] Schedule JLU/DBS-3, Page 1
- [2] Schedule JLU/DBS-5 Page 2
- [3] Schedule JLU/DBS-4
- [4] Reversal of HMT-5 P1 Line 2 in Docket DE 17-058
- [5] Reversal of HMT-5 P1 Line 3 in Docket DE 17-058
- [6] Sum of Lines 1 - 5
- [7] Per Company forecast August 2018 - July 2019
- [8] Line (6) ÷ Line (7), truncated after 5 decimal places

Liberty Utilities (Granite State Electric) Corp. d/b/a Liberty Utilities
Reconciliation of Energy Service Adjustment Factor (Over)/Under
Balance Incurred August 2017 - July 2018

	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)
[1]	Jun-17	\$ -	\$ (1,620)	\$ 1,620	\$ 810	4.00%	\$ 3	\$ 3
[2]	Jul-17	\$ 1,622	\$ (1,241)	\$ 2,864	\$ 2,243	4.25%	\$ 3	\$ 5
[3]	Aug-17	\$ (1,084,390)	\$ 124,427	\$ (1,208,817)	\$ (1,146,604)	4.25%	\$ (4,061)	\$ (4,061)
[4]	Sep-17	\$ (1,212,878)	\$ 113,950	\$ (1,326,828)	\$ (1,269,853)	4.25%	\$ (4,497)	\$ (8,558)
[5]	Oct-17	\$ (1,331,326)	\$ 109,417	\$ (1,440,742)	\$ (1,386,034)	4.25%	\$ (4,909)	\$ (13,467)
[6]	Nov-17	\$ (1,445,651)	\$ 103,834	\$ (1,549,485)	\$ (1,497,568)	4.25%	\$ (5,304)	\$ (18,771)
[7]	Dec-17	\$ (1,554,789)	\$ 125,188	\$ (1,679,977)	\$ (1,617,383)	4.25%	\$ (5,728)	\$ (24,499)
[8]	Jan-18	\$ (1,685,705)	\$ 151,029	\$ (1,836,734)	\$ (1,761,220)	4.50%	\$ (6,605)	\$ (31,104)
[9]	Feb-18	\$ (1,843,339)	\$ 127,546	\$ (1,970,885)	\$ (1,907,112)	4.50%	\$ (7,152)	\$ (38,256)
[10]	Mar-18	\$ (1,978,037)	\$ 122,969	\$ (2,101,006)	\$ (2,039,521)	4.50%	\$ (7,648)	\$ (45,904)
[11]	Apr-18	\$ (2,108,654)	\$ 120,648	\$ (2,229,302)	\$ (2,168,978)	4.75%	\$ (8,586)	\$ (54,489)
[12]	May-18	\$ (2,237,888)	\$ 107,069	\$ (2,344,956)	\$ (2,291,422)	4.75%	\$ (9,070)	\$ (63,559)
[13]	* Jun-18	\$ (2,354,027)	\$ 121,461	\$ (2,475,488)	\$ (2,414,757)	4.75%	\$ (9,558)	\$ (73,118)
[14]	* Jul-18	\$ (2,485,046)	\$ 144,555	\$ (2,629,601)	\$ (2,557,324)	4.75%	\$ (10,123)	\$ (83,241)

\$ 1,472,093

Total (Over)/Under Collection: \$ (2,639,724)

Lines [1] & [2] show differences between the actual and estimated values from the prior filing

Aug 17 Beginning Balance = Jul 17 Ending Balance in the adjusted DE 17-058 Base Energy Service, ESAF, RPS Reconciliation

Plus true-up of estimated to actual June and July 2017 revenue

= (\$182,554) + (\$31,546) + (\$873,268) + \$2,867

(a) Prior month Column (c) + Prior month Column (f)

(b) Actual kWh sales multiplied by the approved Energy Service Adjustment Factor

(c) Column (a) - Column (b)

(d) [Column (a) + Column (c)] ÷ 2

(e) Interest rate on Customer Deposits

(f) Column (d) x Column (e) / 12

(g) Column (f) + Prior Month Column (g)

* Projection

Liberty Utilities (Granite State Electric) Corp. d/b/a Liberty Utilities
 Energy Service Cost Reclassification Adjustment Factor (ESCRAF)
 Effective August 1, 2018

	<u>Total</u>	<u>Residential and Small C&I</u>	<u>Medium and Large C&I</u>
[1] Total Forecast of 2018 Costs	\$ 312,534	\$ 180,423	\$ 132,111
[2] Over-collection Related to ESCRAF	\$(1,013,615)	\$ (585,151)	\$ (428,463)
[3] Net Estimated Commodity Related Costs	\$ (701,081)	\$ (404,728)	\$ (296,353)
[4] Estimated Forecast Energy Service kWh Deliveries	<u>451,751,506</u>	<u>323,904,583</u>	<u>127,846,923</u>
[5] 2018 ESCRAF per kWh	\$ (0.00155)	\$ (0.00124)	\$ (0.00231)

- (1) Forecast of costs using previous period; Schedule JLU-DBS-6, Page 3, Line 4
- (2) Schedule JLU/DBS-6, Page 2
- (3) Line (1) + Line (2)
- (4) Per Company forecast
- (5) Line (3) ÷ Line (4), truncated after 5 decimal places

Liberty Utilities (Granite State Electric) Corp. d/b/a Liberty Utilities
Energy Service Cost Reclassification Adjustment Factor (ESCRAF) Reconciliation
August 2017 - July 2018

	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)
[1]	Jun-17	\$ -	\$ (7,205)	\$ 3,112	\$ 10,317	\$ 10,317	\$ 5,159	4.00%	\$ 17	\$ 17
[2]	Jul-17	\$ 10,334	\$ (5,366)	\$ 9,438	\$ 14,804	\$ 25,139	\$ 17,737	4.25%	\$ 63	\$ 80
[3]	Aug-17	\$ (511,128)	\$ 65,291	\$ 23,472	\$ (41,819)	\$ (552,947)	\$ (532,037)	4.25%	\$ (1,884)	\$ (1,884)
[4]	Sep-17	\$ (554,831)	\$ 61,058	\$ 22,721	\$ (38,337)	\$ (593,168)	\$ (573,999)	4.25%	\$ (2,033)	\$ (3,917)
[5]	Oct-17	\$ (595,201)	\$ 57,930	\$ 23,471	\$ (34,459)	\$ (629,660)	\$ (612,430)	4.25%	\$ (2,169)	\$ (6,086)
[6]	Nov-17	\$ (631,829)	\$ 55,210	\$ 25,716	\$ (29,494)	\$ (661,323)	\$ (646,576)	4.25%	\$ (2,290)	\$ (8,376)
[7]	Dec-17	\$ (663,613)	\$ 64,889	\$ 37,666	\$ (27,223)	\$ (690,836)	\$ (677,225)	4.25%	\$ (2,399)	\$ (10,775)
[8]	Jan-18	\$ (693,235)	\$ 76,243	\$ 36,134	\$ (40,109)	\$ (733,344)	\$ (713,289)	4.50%	\$ (2,675)	\$ (13,450)
[9]	Feb-18	\$ (736,019)	\$ 65,969	\$ 28,959	\$ (37,010)	\$ (773,028)	\$ (754,524)	4.50%	\$ (2,829)	\$ (16,279)
[10]	Mar-18	\$ (775,858)	\$ 65,425	\$ 21,312	\$ (44,113)	\$ (819,971)	\$ (797,914)	4.50%	\$ (2,992)	\$ (19,271)
[11]	Apr-18	\$ (822,963)	\$ 64,701	\$ 21,586	\$ (43,115)	\$ (866,078)	\$ (844,520)	4.75%	\$ (3,343)	\$ (22,614)
[12]	May-18	\$ (869,421)	\$ 58,851	\$ 25,703	\$ (33,148)	\$ (902,569)	\$ (885,995)	4.75%	\$ (3,507)	\$ (26,121)
[13]	* Jun-18	\$ (906,076)	\$ 67,352	\$ 25,297	\$ (42,055)	\$ (948,130)	\$ (927,103)	4.75%	\$ (3,670)	\$ (29,791)
[14]	* Jul-18	\$ (951,800)	\$ 78,429	\$ 20,497	\$ (57,932)	\$ (1,009,732)	\$ (980,766)	4.75%	\$ (3,882)	\$ (33,673)

\$ 781,348 \$ 312,534

Cumulative (Over)/Under Collection of Energy Service Cost Reclassification Adjustment Provision: \$ (1,013,615)

Lines [1] & [2] show differences between the actual and estimated values from the prior filing

Aug 17 Beginning Balance = Jul 17 Ending Balance in the adjusted DE 17-058 ESCRAF Reconciliation

Plus true-up of estimated to actual June and July 2017 revenue and expenses

= (\$536,329) + \$25,201

- (a) Prior Month Column (e) + Prior Month Column (h)
- (b) Actual kWh sales multiplied by approved ESCRAF
- (c) JLU/DBS-6 Page 4 Column (d)
- (d) Column (c) - Column (b)
- (e) Column (a) + Column (d)
- (f) [Column (a) + Column (e)] ÷ 2
- (g) Interest Rate on Customer Deposits
- (h) Column (f) x Column (g) / 12
- (i) Column (h) + Prior Month Column (i)
- * Projection

Liberty Utilities (Granite State Electric) Corp. d/b/a Liberty Utilities
 Energy Service Cost Reclassification Adjustment Factor (ESCRAF)
 Expense Summary August 2017 - July 2018

	<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	\$26,632	\$13,316	\$13,316
<u>Direct Retail:</u>			
[2] Bad Debt Expense	<u>\$158,054</u>	<u>\$92,381</u>	<u>\$65,673</u>
<u>Cash Working Capital:</u>			
[3] Working Capital Impact	<u>\$127,848</u>	<u>\$74,726</u>	<u>\$53,122</u>
[4] Total Estimated Commodity Related Costs	\$312,534	\$180,423	\$132,111

- (1) Schedule JLU/DBS-6 Page 4 Column (a), allocated evenly
- (2) Bad debt calculation August 2017 - July 2018. Allocated to customer group based on method agreed to in the settlement in Docket DE 05-126.
- (3) Schedule JLU/DBS-6 Page 4 Column (c), allocated to customer group based on DR 95-169 allocation.
- (4) Line (1) + Line (2) + Line (3)

Liberty Utilities (Granite State Electric) Corp. d/b/a Liberty Utilities
DE 18-041 Energy Service Reconciliation
Schedule JLU/DBS-6 ES Cost Reclassification Adj Factor
Page 4 of 8

Liberty Utilities (Granite State Electric) Corp. d/b/a Liberty Utilities
Energy Service Cost Reclassification Adjustment Factor Expenses
August 2017 - July 2018

		Payroll and Other Admin Expenses (a)	Bad Debt Expense (b)	Cash Working Capital Expense (c)	Total Expense (d)
[1]	May-17	\$2,525	\$10,551	\$7,709	\$20,784
[2]	Jun-17	\$5,367	\$13,824	\$7,709	\$26,900
[3]	Jul-17	\$3,403	\$17,314	\$7,709	\$28,426
[4]	Aug-17	\$659	\$12,159	\$10,654	\$23,472
[5]	Sep-17	\$439	\$11,628	\$10,654	\$22,721
[6]	Oct-17	\$604	\$12,213	\$10,654	\$23,471
[7]	Nov-17	\$2,634	\$12,427	\$10,654	\$25,716
[8]	Dec-17	\$8,178	\$18,834	\$10,654	\$37,666
[9]	Jan-18	\$2,446	\$23,034	\$10,654	\$36,134
[10]	Feb-18	\$988	\$17,317	\$10,654	\$28,959
[11]	Mar-18	\$0	\$10,658	\$10,654	\$21,312
[12]	Apr-18	\$679	\$10,253	\$10,654	\$21,586
[13]	May-18	\$5,206	\$9,843	\$10,654	\$25,703
[14]	* Jun-18	\$4,800	\$9,843	\$10,654	\$25,297
[15]	* Jul-18	\$0	\$9,843	\$10,654	\$20,497
	Total	\$26,632	\$158,054	\$127,848	\$312,534

Lines [1], [2], & [3] show differences between the actual and estimated values from the prior filing

(a) Per general ledger

(b) Actual bad debt calculation for period

(c) JLU/DBS-6 Page 5 Line 7 ÷ 12

(d) Column (a) + Column (b) + Column (c)

* Projection based on previous period's costs

Liberty Utilities (Granite State Electric) Corp. d/b/a Liberty Utilities
Energy Service Cost Reclassification Adjustment Factor Expenses
Working Capital Summary

	<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] 2017 Purchase Power Costs	(34.860)	-9.55%	17.15%	7.60%	\$ 30,120,578	\$ 2,289,164
[2] Renewable Portfolio Standard	(228.473)	-62.60%	17.15%	-45.45%	\$ 1,818,206	<u>\$ (826,375)</u>
[3] Working Capital Requirement						\$ 1,462,789
[4] Capital Structure Post-tax						6.99%
[5] Working Capital Impact						<u>\$ 102,249</u>
[6] Capital Structure Pre-tax						<u>8.74%</u>
[7] Working Capital Impact						\$ 127,848

Columns:

- [1](a) Schedule JLU/DBS-6 Page 6
- (b) Column (a) ÷ 365
- (c) Schedule JLU/DBS-6 Page 8
- (d) Column (b) + Column (c)
- (e) Schedule JLU/DBS-6 Page 6
- [2](a) Schedule JLU/DBS-6 Page 7
- (b) Column (a) ÷ 365
- (c) Schedule JLU/DBS-6 Page 8
- (d) Column (b) + Column (c)
- (e) Schedule JLU/DBS-6 Page 7
- (f) Column (d) x Column (e)

Lines:

- [3] Line 1(f) + Line 2(f)
- [4] Docket No. DE 16-383
- [5] Line (3) x Line (4)
- [6] Docket No. DE 18-050
- [7] Line (3) x Line (6)

Liberty Utilities (Granite State Electric) Corp. d/b/a Liberty Utilities
Energy Service Cost Reclassification Adjustment Factor Expenses

Invoice Month (a)	Expense Description (b)	Invoice Amount (c)	Mid-Point Service		Payment Date (g)	Elapsed Days (h)	% of Total (i)	Weighted Days (j)	
			Period (d)	Invoice Date (e)					Due Date (f)
January 2017	Current Charge for January 2017	\$ 849,241.71	1/16/2017	2/7/2017	2/17/2017	2/16/2017	31	2.82%	0.87
January 2017	Supplier Reallocation for September 2016	\$ 30,288.24	1/16/2017	2/7/2017	2/17/2017	2/16/2017	31	0.10%	0.03
January 2017	Current Charge for January 2017	\$ 2,690,142.12	1/16/2017	2/10/2017	3/7/2017	3/7/2017	50	8.93%	4.47
January 2017	Supplier Reallocation for September 2016	\$ (24,778.46)	1/16/2017	2/10/2017	3/7/2017	3/7/2017	50	0.00%	0.00
February 2017	Current Charge for February 2017	\$ 808,886.55	2/15/2017	3/13/2017	3/20/2017	3/16/2017	29	2.69%	0.78
February 2017	Supplier Reallocation for October 2016	\$ 22,979.45	2/15/2017	3/8/2017	3/20/2017	3/16/2017	29	0.08%	0.02
February 2017	Current Charge for February 2017	\$ 2,621,888.29	2/15/2017	3/13/2017	3/20/2017	3/16/2017	29	8.70%	2.52
February 2017	Supplier Reallocation for October 2016	\$ 9,717.36	2/15/2017	3/6/2017	4/4/2017	3/15/2017	28	0.00%	0.00
March 2017	Current Charge for March 2017	\$ 634,051.58	3/16/2017	4/10/2017	4/20/2017	4/19/2017	34	2.11%	0.72
March 2017	Supplier Reallocation for November 2016	\$ (13,109.92)	3/16/2017	5/24/2017	5/31/2017	5/26/2017	71	-0.04%	(0.03)
March 2017	Current Charge for March 2017	\$ 1,987,541.32	3/16/2017	4/10/2017	4/20/2017	4/19/2017	34	6.60%	2.24
March 2017	Supplier Reallocation for November 2016	\$ 32,800.48	3/16/2017	5/4/2017	6/5/2017	6/2/2017	78	0.11%	0.08
April 2017	Current Charge for April 2017	\$ 407,172.67	4/15/2017	5/8/2017	5/22/2017	5/18/2017	33	1.35%	0.45
April 2017	Supplier Reallocation for December 2016	\$ (10,922.30)	4/15/2017	5/10/2017	5/19/2017	5/15/2017	30	0.00%	0.00
April 2017	Current Charge for April 2017	\$ 1,167,487.90	4/15/2017	5/8/2017	5/22/2017	5/18/2017	33	3.88%	1.28
April 2017	Supplier Reallocation for December 2016	\$ 29,159.52	4/15/2017	5/4/2017	6/5/2017	6/2/2017	48	0.10%	0.05
May 2017	Current Charge for May 2017	\$ 378,587.70	5/16/2017	6/7/2017	6/20/2017	6/19/2017	34	1.26%	0.43
May 2017	Supplier Reallocation for January 2017	\$ 6,372.13	5/16/2017	6/13/2017	6/20/2017	6/19/2017	34	0.02%	0.01
May 2017	Current Charge for May 2017	\$ 1,061,498.77	5/16/2017	6/7/2017	6/20/2017	6/19/2017	34	3.52%	1.20
May 2017	Supplier Reallocation for January 2017	\$ (36,374.33)	5/16/2017	6/7/2017	7/5/2017	6/9/2017	24	-0.12%	(0.03)
June 2017	Current Charge for June 2017	\$ 599,556.32	6/15/2017	7/10/2017	7/20/2017	7/19/2017	34	1.99%	0.68
June 2017	Supplier Reallocation for February 2017	\$ 680.75	6/15/2017	7/18/2017	7/28/2017	7/27/2017	42	0.00%	0.00
June 2017	Current Charge for June 2017	\$ 1,740,729.63	6/15/2017	7/10/2017	7/20/2017	7/19/2017	34	5.78%	1.96
June 2017	Supplier Reallocation for February 2017	\$ (63,167.89)	6/15/2017	7/18/2017	7/28/2017	7/28/2017	43	-0.21%	(0.09)
July 2017	Current Charge for July 2017	\$ 691,924.85	7/16/2017	8/8/2017	8/21/2017	8/21/2017	36	2.30%	0.83
July 2017	Supplier Reallocation for March 2017	\$ (20,488.11)	7/16/2017	8/10/2017	8/21/2017	8/21/2017	36	-0.07%	(0.02)
July 2017	Current Charge for July 2017	\$ 1,989,141.68	7/16/2017	8/8/2017	8/21/2017	8/21/2017	36	6.60%	2.38
July 2017	Supplier Reallocation for March 2017	\$ 8,705.70	7/16/2017	8/10/2017	8/21/2017	8/21/2017	36	0.03%	0.01
August 2017	Current Charge for August 2017	\$ 616,081.02	8/16/2017	9/8/2017	9/18/2017	9/14/2017	29	2.05%	0.59
August 2017	Supplier Reallocation for April 2017	\$ (7,940.37)	8/16/2017	9/14/2017	9/20/2017	9/20/2017	35	-0.03%	(0.01)
August 2017	Current Charge for August 2017	\$ 1,755,727.83	8/16/2017	9/11/2017	9/21/2017	9/20/2017	35	5.83%	2.04
August 2017	Supplier Reallocation for April 2017	\$ (2,340.32)	8/16/2017	9/14/2017	9/20/2017	9/20/2017	35	0.00%	0.00
September 2017	Current Charge for September 2017	\$ 531,864.30	9/15/2017	10/10/2017	10/20/2017	10/19/2017	34	1.77%	0.60
September 2017	Supplier Reallocation for May 2017	\$ (8,813.13)	9/15/2017	10/12/2017	10/20/2017	10/24/2017	39	-0.03%	(0.01)
September 2017	Current Charge for September 2017	\$ 1,633,441.55	9/15/2017	10/10/2017	10/20/2017	10/19/2017	34	5.42%	1.84
September 2017	Supplier Reallocation for May 2017	\$ 10,770.62	9/15/2017	10/12/2017	10/20/2017	10/19/2017	34	0.04%	0.01
September 2017	Supplier Reallocation for November 2016	\$ 16,339.55	9/15/2017	10/5/2017	11/3/2017	11/6/2017	52	0.05%	0.03
October 2017	Current Charge for October 2017	\$ 492,932.09	10/16/2017	11/13/2017	11/23/2017	11/20/2017	35	1.64%	0.57
October 2017	Supplier Reallocation for June 2017	\$ (34,004.31)	10/16/2017	11/10/2017	11/20/2017	11/20/2017	35	0.00%	0.00
October 2017	Current Charge for October 2017	\$ 1,565,806.08	10/16/2017	11/13/2017	11/23/2017	11/20/2017	35	5.20%	1.82
October 2017	Supplier Reallocation for June 2017	\$ 56,523.55	10/16/2017	11/10/2017	11/20/2017	11/17/2017	32	0.19%	0.06
November 2017	Current Charge for November 2017	\$ 576,794.30	11/15/2017	12/11/2017	12/21/2017	12/20/2017	35	1.91%	0.67
November 2017	Supplier Reallocation for July 2017	\$ (38,483.38)	11/15/2017	12/7/2017	12/20/2017	12/20/2017	35	-0.13%	(0.04)
November 2017	Current Charge for November 2017	\$ 1,717,604.01	11/15/2017	12/11/2017	12/21/2017	12/20/2017	35	5.70%	2.00
November 2017	Supplier Reallocation for July 2017	\$ 112,769.19	11/15/2017	12/7/2017	12/20/2017	12/19/2017	34	0.00%	0.00
December 2017	Current Charge for December 2017	\$ 788,476.00	12/16/2017	1/9/2018	1/19/2018	1/18/2018	33	2.62%	0.86
December 2017	Supplier Reallocation for August 2017	\$ (22,705.21)	12/16/2017	1/9/2018	1/19/2018	1/18/2018	33	-0.08%	(0.02)
December 2017	Current Charge for December 2017	\$ 2,698,914.78	12/16/2017	1/9/2018	1/19/2018	1/18/2018	33	8.96%	2.96
December 2017	Supplier Reallocation for August 2017	\$ 61,106.22	12/16/2017	1/9/2018	1/19/2018	1/18/2018	33	0.20%	0.07

[1] Total \$ 30,120,578.08 Days 34.86

Columns:

- (a) Month in which obligation for payment occurred
- (b) Per invoices
- (c) Per invoices
- (d) Midpoint of 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)

Liberty Utilities (Granite State Electric) Corp. d/b/a Liberty Utilities
 DE 18-041 Energy Service Reconciliation
 Schedule JLU/DBS-6 ES Cost Reclassification Adj Factor
 Page 7 of 8

Liberty Utilities (Granite State Electric) Corp. d/b/a Liberty Utilities
 RPS Obligation Program Year 2017

<u>Invoice Month</u> (a)	<u>Obligation Amount</u> (b)	<u>Mid-Point of Service Period</u> (c)	<u>Due Date</u> (d)	<u>Elapsed (Days)</u> (e)	<u>% of Total</u> (f)	<u>Weighted Days</u> (g)
Jul-17	\$ 175,312	7/16/2017	3/31/2018	258	9.64%	24.88
Aug-17	\$ 157,855	8/16/2017	3/31/2018	227	8.68%	19.71
Sep-17	\$ 144,564	9/15/2017	3/31/2018	197	7.95%	15.66
Oct-17	\$ 138,812	10/16/2017	6/30/2018	257	7.63%	19.62
Nov-17	\$ 131,730	11/15/2017	6/30/2018	227	7.25%	16.45
Dec-17	\$ 158,821	12/16/2017	6/30/2018	196	8.74%	17.12
Jan-18	\$ 185,292	1/16/2018	9/30/2018	257	10.19%	26.19
Feb-18	\$ 153,196	2/14/2018	9/30/2018	228	8.43%	19.21
Mar-18	\$ 148,529	3/16/2018	9/30/2018	198	8.17%	16.17
Apr-18	\$ 145,959	4/15/2018	12/31/2018	260	8.03%	20.87
May-18	\$ 130,184	5/16/2018	12/31/2018	229	7.16%	16.40
Jun-18	\$ 147,953	6/15/2018	12/31/2018	199	8.14%	16.19
[1] Total	\$ 1,818,206				[2] Days	228.47

Columns:

- (a) Month in which obligation occurred
- (b) Obligation based on kWh sales multiplied by the approved RPS rates for period
- (c) Midpoint of Service Period
- (d) Date of Obligation for Payment
- (e.) Number of days between Column (c) and Column (d)
- (f) Column (b) / Line 1
- (g) Column (c) multiplied by Column (e.)

Lines:

- (1) Sum of Column (b)
- (2) Sum of Column (g)

Liberty Utilities (Granite State Electric) Corp. d/b/a Liberty Utilities
Revenue Lead/Lag Applied to Energy Service

<u>Service Period</u>		<u>Monthly Customer Accts.Receivable</u>	<u>Monthly Sales</u>	<u>Days In Month</u>	<u>Average Daily Revenues</u>
		(a)	(b)	(c)	(d)
1/1/2017	1/31/2017	\$ 10,355,303	\$ 7,180,806	31	\$ 231,639
2/1/2017	2/28/2017	\$ 10,263,306	\$ 6,442,527	28	\$ 230,090
3/1/2017	3/31/2017	\$ 9,378,537	\$ 6,848,764	31	\$ 220,928
4/1/2017	4/30/2017	\$ 9,615,457	\$ 6,363,381	30	\$ 212,113
5/1/2017	5/31/2017	\$ 9,433,646	\$ 6,088,141	31	\$ 196,392
6/1/2017	6/30/2017	\$ 9,756,792	\$ 6,963,949	30	\$ 232,132
7/1/2017	7/31/2017	\$ 11,351,267	\$ 8,053,297	31	\$ 259,784
8/1/2017	8/31/2017	\$ 10,363,059	\$ 7,848,179	31	\$ 253,167
9/1/2017	9/30/2017	\$ 10,454,797	\$ 7,436,823	30	\$ 247,894
10/1/2017	10/31/2017	\$ 10,083,395	\$ 7,222,120	31	\$ 232,972
11/1/2017	11/30/2017	\$ 9,563,291	\$ 6,765,931	30	\$ 225,531
12/1/2017	12/31/2017	\$ 11,094,776	\$ 7,978,556	31	\$ 257,373
Average		\$ 10,142,802			\$ 233,334

[1] Service Lag	15.21
[2] Collection Lag	43.47
[3] Billing Lag	2.92
[4] Payment Processing and Bank Float Lag	<u>1.00</u>
[5] Total Average Days Lag	62.60
[6] Customer Payment Lag-annual percent	17.15%

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 (b) ÷ Column (c.)

Lines:

- [1] Docket No. DE 16-383
- [2] (a) / (d)
- [3] Docket No. DE 16-383
- [4] Per Staff Recommendation in Docket DE 09-010
- [5] Sum of Lines 1-4
- [6] Line (5) ÷ 365

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

Usage	650	kWh				
			Current Rates	August 1, 2018 Proposed Rates	Current Bill	August 1, 2018 Proposed Bill
Customer Charge			\$ 14.02	\$ 14.02	\$ 14.02	\$ 14.02
Distribution Charge						
1st 250 kWh			\$ 0.04299	\$ 0.04299	\$ 10.75	\$ 10.75
excess of 250 kWh			\$ 0.04883	\$ 0.04883	\$ 19.53	\$ 19.53
Storm Recovery Adjustment			\$ -	\$ -	\$ -	\$ -
Transmission Charge			\$ 0.03460	\$ 0.03460	\$ 22.49	\$ 22.49
Stranded Cost Charge			\$ (0.00095)	\$ (0.00095)	\$ (0.62)	\$ (0.62)
System Benefits Charge			\$ 0.00457	\$ 0.00457	\$ 2.97	\$ 2.97
Electricity Consumption Tax			\$ 0.00055	\$ 0.00055	\$ 0.36	\$ 0.36
Subtotal Retail Delivery Services					\$ 69.50	\$ 69.50
Energy Service Charge			\$ 0.08931	\$ 0.08299	\$ 58.05	\$ 53.94
				Total Bill	\$ 127.55	\$ 123.44
						-\$4.11
						-3.22%