

Liberty Utilities (Granite State Electric) Corp. d/b/a Liberty Utilities  
Base Energy Service Reconciliation  
August 2019 - July 2020

	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]	Aug-19	\$ -	\$ 2,794,030	\$ 2,432,721	\$ (361,309)	\$ (361,309)	\$ (180,655)	5.25%	\$ (790)	\$ (790)
[2]	Sep-19	\$ (362,100)	\$ 2,477,100	\$ 2,173,684	\$ (303,415)	\$ (665,515)	\$ (513,807)	5.25%	\$ (2,248)	\$ (3,038)
[3]	Oct-19	\$ (667,763)	\$ 2,366,815	\$ 2,160,924	\$ (205,891)	\$ (873,654)	\$ (770,709)	5.00%	\$ (3,211)	\$ (6,250)
[4]	Nov-19	\$ (876,865)	\$ 2,577,931	\$ 2,574,838	\$ (3,093)	\$ (879,958)	\$ (878,412)	4.75%	\$ (3,477)	\$ (9,727)
[5]	Dec-19	\$ (883,435)	\$ 3,477,246	\$ 3,940,640	\$ 463,393	\$ (420,042)	\$ (651,738)	4.75%	\$ (2,580)	\$ (12,306)
[6]	Jan-20	\$ (422,622)	\$ 3,541,268	\$ 4,604,350	\$ 1,063,081	\$ 640,460	\$ 108,919	4.75%	\$ 431	\$ (11,875)
[7]	Feb-20	\$ 640,891	\$ 2,824,526	\$ 4,008,590	\$ 1,184,064	\$ 1,824,955	\$ 1,232,923	4.75%	\$ 4,880	\$ (6,995)
[8]	Mar-20	\$ 1,829,836	\$ 2,481,699	\$ 3,358,219	\$ 876,520	\$ 2,706,355	\$ 2,268,095	4.75%	\$ 8,978	\$ 1,983
[9]	Apr-20	\$ 2,715,333	\$ 2,171,616	\$ 2,267,594	\$ 95,978	\$ 2,811,312	\$ 2,763,322	3.25%	\$ 7,484	\$ 9,467
[10]*	May-20	\$ 2,818,796	\$ 2,483,170	\$ 1,920,149	\$ (563,020)	\$ 2,255,775	\$ 2,537,285	3.25%	\$ 6,872	\$ 16,339
[11]*	Jun-20	\$ 2,262,647	\$ 2,702,877	\$ 1,672,028	\$ (1,030,849)	\$ 1,231,798	\$ 1,747,222	3.25%	\$ 4,732	\$ 21,071
[12]*	Jul-20	\$ 1,236,530	\$ 3,291,414	\$ 2,465,313	\$ (826,101)	\$ 410,429	\$ 823,479	3.25%	\$ 2,230	\$ 23,301

\$ 33,189,692    \$ 33,579,050

Cumulative (Over)/Under Collection of Base Energy Service:    \$    412,659

- (a) Prior Month Column (e) + Prior Month Column (h)
- (b) Monthly Revenue calculated on AMH/DBS-3 P2
- (c) Monthly Expenses calculated on AMH/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  
DE 20-053 Energy Service Reconciliation  
Schedule AMH/DBS-3 Base ES Reconciliation  
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Liberty Utilities (Granite State Electric) Corp. d/b/a Liberty Utilities  
Energy Service Revenue  
August 2019 - July 2020

	Month	Energy Service Revenue (a)	Renewable Portfolio Standard Revenue (b)	Energy Service Adjustment Revenue (c)	Energy Service Cost Reclass. Adjustment Factor (d)	Base Energy Service Revenue (e)
[1]	Aug-19	\$ 2,738,608	\$ 238,476	\$ (363,686)	\$ 69,788	\$ 2,794,030
[2]	Sep-19	\$ 2,435,157	\$ 188,609	\$ (287,638)	\$ 57,087	\$ 2,477,100
[3]	Oct-19	\$ 2,330,944	\$ 161,400	\$ (246,142)	\$ 48,871	\$ 2,366,815
[4]	Nov-19	\$ 2,540,306	\$ 165,666	\$ (252,648)	\$ 49,357	\$ 2,577,931
[5]	Dec-19	\$ 3,427,846	\$ 210,624	\$ (321,212)	\$ 61,187	\$ 3,477,246
[6]	Jan-20	\$ 3,496,149	\$ 244,494	\$ (359,524)	\$ 69,910	\$ 3,541,268
[7]	Feb-20	\$ 2,842,950	\$ 277,883	\$ (321,265)	\$ 61,806	\$ 2,824,526
[8]	Mar-20	\$ 2,500,271	\$ 267,537	\$ (309,304)	\$ 60,339	\$ 2,481,699
[9]	Apr-20	\$ 2,187,061	\$ 246,567	\$ (285,060)	\$ 53,939	\$ 2,171,616
[10]*	May-20	\$ 2,500,798	\$ 234,873	\$ (271,541)	\$ 54,296	\$ 2,483,170
[11]*	Jun-20	\$ 2,721,930	\$ 260,083	\$ (300,686)	\$ 59,657	\$ 2,702,877
[12]*	Jul-20	\$ 3,312,617	\$ 300,633	\$ (347,568)	\$ 68,137	\$ 3,291,414
	Total	\$ 33,034,636	\$ 2,796,844	\$ (3,666,276)	\$ 714,376	\$ 33,189,692

(a) Per general ledger

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

\* Projection

Liberty Utilities (Granite State Electric) Corp. d/b/a Liberty Utilities  
 DE 20-053 Energy Service Reconciliation  
 Schedule AMH/DBS-3 Base ES Reconciliation  
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Liberty Utilities (Granite State Electric) Corp. d/b/a Liberty Utilities  
 Energy Service Expense Calculation  
 August 2019 - July 2020

		<u>Energy Service</u> <u>Expense</u> <u>(a)</u>	<u>RPS</u> <u>Expense</u> <u>(b)</u>	<u>Base Energy</u> <u>Service Expense</u> <u>(c)</u>
[1]	Aug-19	\$ 2,432,834	\$ 113	\$ 2,432,721
[2]	Sep-19	\$ 2,173,684	\$ -	\$ 2,173,684
[3]	Oct-19	\$ 2,264,978	\$ 104,054	\$ 2,160,924
[4]	Nov-19	\$ 2,574,838	\$ -	\$ 2,574,838
[5]	Dec-19	\$ 4,016,308	\$ 75,668	\$ 3,940,640
[6]	Jan-20	\$ 4,833,845	\$ 229,495	\$ 4,604,350
[7]	Feb-20	\$ 4,036,590	\$ 28,000	\$ 4,008,590
[8]	Mar-20	\$ 3,358,219	\$ -	\$ 3,358,219
[9]	Apr-20	\$ 2,325,622	\$ 58,028	\$ 2,267,594
[10]*	May-20	\$ 2,052,773	\$ 132,624	\$ 1,920,149
[11]*	Jun-20	\$ 2,021,360	\$ 349,332	\$ 1,672,028
[12]*	Jul-20	\$ 2,465,313	\$ -	\$ 2,465,313
	<b>Total</b>	<b>\$ 34,556,365</b>	<b>\$ 977,315</b>	<b>\$ 33,579,050</b>

- (a) Per general ledger
- (b) Per general ledger
- (c) Column (a) - Column (b)
- \* Projection

Liberty Utilities (Granite State Electric) Corp. d/b/a Liberty Utilities  
Renewable Portfolio Standard Reconciliation  
2019 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]	Jul-19	\$ -	\$ 114,350	\$ 656,835	\$ 542,485	\$ 542,485	\$ 271,243	5.50%	\$ 1,243	\$ 1,243
[2]	Aug-19	\$ 543,728	\$ 238,476	\$ 113	\$ (238,363)	\$ 305,365	\$ 424,547	5.25%	\$ 1,857	\$ 3,101
[3]	Sep-19	\$ 307,223	\$ 188,609	\$ -	\$ (188,609)	\$ 118,613	\$ 212,918	5.25%	\$ 932	\$ 4,032
[4]	Oct-19	\$ 119,545	\$ 161,400	\$ 104,054	\$ (57,346)	\$ 62,199	\$ 90,872	5.00%	\$ 379	\$ 4,411
[5]	Nov-19	\$ 62,578	\$ 165,666	\$ -	\$ (165,666)	\$ (103,088)	\$ (20,255)	4.75%	\$ (80)	\$ 4,331
[6]	Dec-19	\$ (103,168)	\$ 210,624	\$ 75,668	\$ (134,956)	\$ (238,125)	\$ (170,646)	4.75%	\$ (675)	\$ 3,655
[7]	Jan-20	\$ (238,800)	\$ 244,494	\$ 229,495	\$ (14,999)	\$ (253,799)	\$ (246,299)	4.75%	\$ (975)	\$ 2,680
[8]	Feb-20	\$ (254,774)	\$ 277,883	\$ 28,000	\$ (249,883)	\$ (504,656)	\$ (379,715)	4.75%	\$ (1,503)	\$ 1,177
[9]	Mar-20	\$ (506,159)	\$ 267,537	\$ -	\$ (267,537)	\$ (773,696)	\$ (639,928)	4.75%	\$ (2,533)	\$ (1,356)
[10]	Apr-20	\$ (776,229)	\$ 246,567	\$ 58,028	\$ (188,538)	\$ (964,767)	\$ (870,498)	3.25%	\$ (2,358)	\$ (3,714)
[11]*	May-20	\$ (967,125)	\$ 234,873	\$ 132,624	\$ (102,249)	\$ (1,069,374)	\$ (1,018,250)	3.25%	\$ (2,758)	\$ (6,471)
[12]*	Jun-20	\$ (1,072,132)	\$ 260,083	\$ 349,332	\$ 89,249	\$ (982,883)	\$ (1,027,507)	3.25%	\$ (2,783)	\$ (9,254)
			\$ 2,610,561	\$ 1,634,150						

Cumulative (Over)/Under Collection of RPS Compliance Costs \$ (985,665)

- (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

Liberty Utilities (Granite State Electric) Corp. d/b/a Liberty Utilities  
Calculation of Energy Service Adjustment Factor  
Effective August 1, 2020

[1] Base Energy Service (Over)/Under Collection	\$	412,659
[2] Energy Service Adjustment Factor (Over)/Under Collection	\$	(283,735)
[3] RPS (Over)/Under Collection	\$	(985,665)
[4] Total (Over)/Under Collection	\$	(856,741)
[5] Estimated Energy Service kWh Deliveries		445,195,378
[6] Energy Service Adjustment Factor per kWh	\$	(0.00192)

- [1] Schedule AMH/DBS-3, Page 1
- [2] Schedule AMH/DBS-5 Page 2
- [3] Schedule AMH/DBS-4
- [4] Sum of Lines 1 - 3
- [5] Per Company forecast August 2019 - July 2020
- [6] Line (4) ÷ Line (5), truncated after 5 decimal places

Liberty Utilities (Granite State Electric) Corp. d/b/a Liberty Utilities  
DE 20-053 Energy Service Reconciliation  
Schedule AMH/DBS-5 ES Adjustment Factor Reconciliation  
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Liberty Utilities (Granite State Electric) Corp. d/b/a Liberty Utilities  
Reconciliation of Energy Service Adjustment Factor (Over)/Under  
Balance Incurred August 2018 - July 2019

	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]	Aug-19	\$ (3,851,755)	\$ (363,686)	\$ (3,488,068)	\$ (3,669,912)	5.25%	\$ (16,056)	\$ (16,056)
[2]	Sep-19	\$ (3,504,124)	\$ (287,638)	\$ (3,216,486)	\$ (3,360,305)	5.25%	\$ (14,701)	\$ (30,757)
[3]	Oct-19	\$ (3,231,188)	\$ (246,142)	\$ (2,985,045)	\$ (3,108,117)	5.00%	\$ (12,950)	\$ (43,708)
[4]	Nov-19	\$ (2,997,996)	\$ (252,648)	\$ (2,745,347)	\$ (2,871,672)	4.75%	\$ (11,367)	\$ (55,075)
[5]	Dec-19	\$ (2,756,715)	\$ (321,212)	\$ (2,435,503)	\$ (2,596,109)	4.75%	\$ (10,276)	\$ (65,351)
[6]	Jan-20	\$ (2,445,779)	\$ (359,524)	\$ (2,086,255)	\$ (2,266,017)	4.75%	\$ (8,970)	\$ (74,321)
[7]	Feb-20	\$ (2,095,224)	\$ (321,265)	\$ (1,773,959)	\$ (1,934,592)	4.75%	\$ (7,658)	\$ (81,978)
[8]	Mar-20	\$ (1,781,617)	\$ (309,304)	\$ (1,472,313)	\$ (1,626,965)	4.75%	\$ (6,440)	\$ (88,418)
[9]	Apr-20	\$ (1,478,753)	\$ (285,060)	\$ (1,193,693)	\$ (1,336,223)	3.25%	\$ (3,619)	\$ (92,037)
[10]*	May-20	\$ (1,197,312)	\$ (271,541)	\$ (925,770)	\$ (1,061,541)	3.25%	\$ (2,875)	\$ (94,912)
[11]*	Jun-20	\$ (928,645)	\$ (300,686)	\$ (627,959)	\$ (778,302)	3.25%	\$ (2,108)	\$ (97,020)
[12]*	Jul-20	\$ (630,067)	\$ (347,568)	\$ (282,499)	\$ (456,283)	3.25%	\$ (1,236)	\$ (98,256)

\$ (3,666,276)

Total (Over)/Under Collection: \$ (283,735)

- (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, 2020

	<u>Total</u>	<u>Residential and Small C&amp;I</u>	<u>Medium and Large C&amp;I</u>
[1] Total Forecast of 2020 Costs	\$ 282,175	\$ 163,197	\$ 118,978
[2] Overcollection Related to ESCRAF	\$ (45,825)	\$ (26,503)	\$ (19,322)
[3] Net Estimated Commodity Related Costs	\$ 236,349	\$ 136,694	\$ 99,656
[4] Estimated Forecast Energy Service kWh Deliveries	<u>445,195,378</u>	<u>333,360,874</u>	<u>111,834,504</u>
[5] 2018 ESCRAF per kWh	\$ 0.00053	\$ 0.00041	\$ 0.00089

- (1) Forecast of costs using previous period; Schedule AMH/DBS-6, Page 3, Line 4
- (2) Schedule AMH/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 2019 - July 2020

	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]	Aug-19	\$ 369,071	\$ 69,788	\$ 23,417	\$ (46,371)	\$ 322,700	\$ 345,886	5.25%	\$ 1,513	\$ 1,513
[2]	Sep-19	\$ 324,213	\$ 57,087	\$ 19,343	\$ (37,744)	\$ 286,470	\$ 305,341	5.25%	\$ 1,336	\$ 2,849
[3]	Oct-19	\$ 287,805	\$ 48,871	\$ 21,743	\$ (27,129)	\$ 260,677	\$ 274,241	5.00%	\$ 1,143	\$ 3,992
[4]	Nov-19	\$ 261,820	\$ 49,357	\$ 25,706	\$ (23,652)	\$ 238,168	\$ 249,994	4.75%	\$ 990	\$ 4,981
[5]	Dec-19	\$ 239,157	\$ 61,187	\$ 32,757	\$ (28,430)	\$ 210,727	\$ 224,942	4.75%	\$ 890	\$ 5,872
[6]	Jan-20	\$ 211,618	\$ 69,910	\$ 34,315	\$ (35,595)	\$ 176,023	\$ 193,820	4.75%	\$ 767	\$ 6,639
[7]	Feb-20	\$ 176,790	\$ 61,806	\$ 26,827	\$ (34,980)	\$ 141,810	\$ 159,300	4.75%	\$ 631	\$ 7,270
[8]	Mar-20	\$ 142,441	\$ 60,339	\$ 23,710	\$ (36,629)	\$ 105,812	\$ 124,127	4.75%	\$ 491	\$ 7,761
[9]	Apr-20	\$ 106,304	\$ 53,939	\$ 20,179	\$ (33,760)	\$ 72,544	\$ 89,424	3.25%	\$ 242	\$ 8,003
[10]*	May-20	\$ 72,786	\$ 54,296	\$ 21,111	\$ (33,186)	\$ 39,600	\$ 56,193	3.25%	\$ 152	\$ 8,155
[11]*	Jun-20	\$ 39,752	\$ 59,657	\$ 21,111	\$ (38,546)	\$ 1,206	\$ 20,479	3.25%	\$ 55	\$ 8,211
[12]*	Jul-20	\$ 1,262	\$ 68,137	\$ 21,111	\$ (47,027)	\$ (45,765)	\$ (22,252)	3.25%	\$ (60)	\$ 8,150
			\$ 714,376	\$ 291,329						

Cumulative (Over)/Under Collection of Energy Service Cost Reclassification Adjustment Provision: \$ (45,825)

- (a1) Estimated July 2019 ending balance in DE 19-059, Bates 131
- (a2 - a12) Prior Month Column (e) + Prior Month Column (h)
- (b) Actual kWh sales multiplied by approved ESCRAF
- (c) AMH/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 2019 - July 2020

	<u>Total</u>	<u>Residential and Small C&amp;I</u>	<u>Medium and Large C&amp;I</u>
<b><u>Wholesale Costs:</u></b>			
[1] Procurement and Ongoing Administration Costs	\$20,498	\$10,249	\$10,249
<b><u>Direct Retail:</u></b>			
[2] Bad Debt Expense	<u>\$142,984</u>	<u>\$83,573</u>	<u>\$59,411</u>
<b><u>Cash Working Capital:</u></b>			
[3] Working Capital Impact	<u>\$118,693</u>	<u>\$69,375</u>	<u>\$49,318</u>
[4] Total Estimated Commodity Related Costs	\$282,174	\$163,197	\$118,978

- (1) Schedule AMH/DBS-6 Page 4 Column (a), allocated evenly
- (2) Bad debt calculation August 2018 - July 2019. Allocated to customer group based on method agreed to in the settlement in Docket DE 05-126.
- (3) Schedule AMH/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 20-053 Energy Service Reconciliation  
Schedule AMH/DBS-6 ES Cost Reclassification Adj Factor  
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Liberty Utilities (Granite State Electric) Corp. d/b/a Liberty Utilities  
Energy Service Cost Reclassification Adjustment Factor Expenses  
August 2019 - July 2020

		Payroll and Other Admin Expenses (a)	Bad Debt Expense (b)	Cash Working Capital Expense (c)	Total Expense (d)
[1]	Aug-19	\$1,163	\$11,601	\$10,654	\$23,417
[2]	Sep-19	\$0	\$8,689	\$10,654	\$19,343
[3]	Oct-19	\$1,512	\$9,577	\$10,654	\$21,743
[4]	Nov-19	\$4,012	\$11,040	\$10,654	\$25,706
[5]	Dec-19	\$4,710	\$17,394	\$10,654	\$32,757
[6]	Jan-20	\$2,616	\$21,045	\$10,654	\$34,315
[7]	Feb-20	\$465	\$15,707	\$10,654	\$26,827
[8]	Mar-20	\$119	\$12,937	\$10,654	\$23,710
[9]	Apr-20	\$776	\$8,749	\$10,654	\$20,179
[10]*	May-20	\$1,708	\$8,749	\$10,654	\$21,111
[11]*	Jun-20	\$1,708	\$8,749	\$10,654	\$21,111
[12]*	Jul-20	\$1,708	\$8,749	\$10,654	\$21,111
	Total	\$20,498	\$142,984	\$127,848	\$291,329

(a) Per general ledger

(b) Per general ledger

(c) Per general ledger

(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] 2019 Purchase Power Costs	(37.241)	-10.20%	16.41%	6.21%	\$ 39,618,867	\$ 2,460,332
[2] Renewable Portfolio Standard	(226.609)	-62.08%	16.41%	-45.67%	\$ 2,610,561	<u>\$ (1,192,243)</u>
[3] Working Capital Requirement						\$ 1,268,088
[4] Capital Structure Post-tax						7.60%
[5] Working Capital Impact						<u>\$ 96,375</u>
[6] Capital Structure Pre-tax						<u>9.36%</u>
[7] Working Capital Impact						\$ 118,693

Columns:

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

Lines:

- [3] Line 1(f) + Line 2(f)
- [4] Settlement Agreement Docket No. DE 19-064
- [5] Line (3) x Line (4)
- [6] Settlement Agreement Docket No. DE 19-064
- [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 2019	Current Charge for January 2019	\$ 4,097,462.62	1/16/2019	2/10/2019	2/20/2019	2/20/2019	35	10.34%	3.62
January 2019	Supplier Reallocation for September 2018	\$ (7,493.49)	1/16/2019	2/19/2019	3/1/2019	3/20/2019	63	-0.02%	(0.01)
January 2019	Current Charge for January 2019	\$ 1,249,961.12	1/16/2019	2/15/2019	2/28/2019	2/28/2019	43	3.15%	1.36
February 2019	Current Charge for February 2019	\$ 3,976,978.53	2/15/2019	3/19/2019	3/29/2019	3/29/2019	42	10.04%	4.22
February 2019	Supplier Reallocation for October 2018	\$ (80,195.66)	2/15/2019	3/11/2019	3/21/2019	3/20/2019	33	-0.20%	(0.07)
February 2019	Current Charge for February 2019	\$ 1,254,038.02	2/15/2019	3/19/2019	3/29/2019	3/29/2019	42	3.17%	1.33
February 2019	Supplier Reallocation for October 2018	\$ 18,119.51	2/15/2019	3/8/2019	3/20/2019	3/19/2019	32	0.05%	0.01
March 2019	Current Charge for March 2019	\$ 2,845,754.03	3/15/2019	4/10/2019	4/22/2019	4/22/2019	38	7.18%	2.73
March 2019	Supplier Reallocation for November 2018	\$ (29,285.71)	3/15/2019	4/12/2019	4/22/2019	4/22/2019	38	-0.07%	(0.03)
March 2019	Current Charge for March 2019	\$ 1,093,397.36	3/15/2019	4/10/2019	4/22/2019	4/22/2019	38	2.76%	1.05
March 2019	Supplier Reallocation for November 2018	\$ 25,021.48	3/15/2019	4/15/2019	4/22/2019	4/18/2019	34	0.06%	0.02
April 2019	Current Charge for April 2019	\$ 1,954,674.90	4/16/2019	5/14/2019	5/20/2019	5/20/2019	34	4.93%	1.68
April 2019	Supplier Reallocation for December 2018	\$ (9,876.78)	4/16/2019	5/14/2019	5/24/2019	5/20/2019	34	-0.02%	(0.01)
April 2019	Current Charge for April 2019	\$ 1,570,404.10	4/16/2019	5/22/2019	6/6/2019	6/6/2019	51	3.96%	2.02
April 2019	Current Charge for April 2019	\$ 706,494.18	4/16/2019	5/14/2019	5/20/2019	5/20/2019	34	1.78%	0.61
May 2019	Current Charge for May 2019	\$ 1,718,257.26	5/16/2019	6/11/2019	6/20/2019	6/20/2019	35	4.34%	1.52
May 2019	Supplier Reallocation for January 2019	\$ (42,734.41)	5/16/2019	6/17/2019	6/27/2019	6/20/2019	35	-0.11%	(0.04)
May 2019	Current Charge for May 2019	\$ 655,061.26	5/16/2019	6/11/2019	6/20/2019	6/20/2019	35	1.65%	0.58
May 2019	Supplier Reallocation for December 2018	\$ (7,278.94)	5/16/2019	6/17/2019	6/27/2019	7/9/2019	54	-0.02%	(0.01)
May 2019	Supplier Reallocation for January 2019	\$ (24,415.80)	5/16/2019	6/17/2019	6/27/2019	7/9/2019	54	-0.06%	(0.03)
June 2019	Current Charge for June 2019	\$ 588,358.84	6/15/2019	7/9/2019	7/20/2019	7/19/2019	34	1.49%	0.50
June 2019	Current Charge for June 2019	\$ 1,671,551.00	6/15/2019	7/10/2019	7/22/2019	7/22/2019	37	4.22%	1.56
July 2019	Current Charge for July 2019	\$ 766,124.03	7/16/2019	8/6/2019	8/20/2019	8/20/2019	35	1.93%	0.68
July 2019	Supplier Reallocation for February 2019	\$ (30,514.93)	7/16/2019	8/12/2019	8/22/2019	8/20/2019	35	-0.08%	(0.03)
July 2019	Supplier Reallocation for February 2019	\$ (163,476.14)	7/16/2019	8/12/2019	8/22/2019	8/20/2019	35	-0.41%	(0.14)
July 2019	Current Charge for July 2019	\$ 2,404,899.32	7/16/2019	8/9/2019	8/20/2019	8/20/2019	35	6.07%	2.12
July 2019	Supplier Reallocation for March 2019	\$ 176,383.28	7/16/2019	8/12/2019	8/20/2019	8/20/2019	35	0.45%	0.16
July 2019	Supplier Reallocation for March 2019	\$ (93,049.36)	7/16/2019	8/15/2019	8/25/2019	8/20/2019	35	-0.23%	(0.08)
August 2019	Current Charge for August 2019	\$ 606,775.81	8/16/2019	9/11/2019	9/20/2019	9/20/2019	35	1.53%	0.54
August 2019	Supplier Reallocation for April 2019	\$ 2,282.09	8/16/2019	9/11/2019	9/20/2019	9/20/2019	35	0.01%	0.00
August 2019	Supplier Reallocation for April 2019	\$ (10,158.65)	8/16/2019	9/13/2019	9/23/2019	9/20/2019	35	-0.03%	(0.01)
August 2019	Current Charge for August 2019	\$ 1,913,505.44	8/16/2019	9/10/2019	9/20/2019	9/20/2019	35	4.83%	1.69
August 2019	Broker Charge	\$ 259.38	8/16/2019	7/1/2019	7/31/2019	7/31/2019	(16)	0.00%	(0.00)
August 2019	Broker Charge	\$ 259.38	8/16/2019	8/1/2019	8/31/2019	8/31/2019	15	0.00%	0.00
August 2019	Broker Charge	\$ 259.38	8/16/2019	9/1/2019	9/30/2019	9/30/2019	45	0.00%	0.00
September 2019	Current Charge for September 2019	\$ 501,978.61	9/15/2019	10/10/2019	10/21/2019	10/21/2019	36	1.27%	0.46
September 2019	Supplier Reallocation for May 2019	\$ 6,498.40	9/15/2019	10/10/2019	10/21/2019	10/21/2019	36	0.02%	0.01
September 2019	Supplier Reallocation for May 2019	\$ 5,926.38	9/15/2019	10/7/2019	10/20/2019	10/18/2019	33	0.01%	0.00
September 2019	Current Charge for September 2019	\$ 1,648,944.81	9/15/2019	10/10/2019	10/21/2019	10/21/2019	36	4.16%	1.50
September 2019	Broker Charge	\$ 346.88	9/15/2019	10/1/2019	10/30/2019	10/30/2019	45	0.00%	0.00
October 2019	Current Charge for October 2019	\$ 531,543.91	10/16/2019	11/7/2019	11/20/2019	11/20/2019	35	1.34%	0.47
October 2019	Supplier Reallocation for June 2019	\$ 98,636.08	10/16/2019	11/8/2019	11/20/2019	11/20/2019	35	0.25%	0.09
October 2019	Supplier Reallocation for June 2019	\$ (13,583.69)	10/16/2019	11/13/2019	11/23/2019	11/20/2019	35	-0.03%	(0.01)
October 2019	Current Charge for October 2019	\$ 1,600,995.63	10/16/2019	11/7/2019	11/20/2019	11/20/2019	35	4.04%	1.41
October 2019	Broker Charge	\$ 346.88	10/16/2019	11/1/2019	11/25/2019	11/25/2019	40	0.00%	0.00
November 2019	Current Charge for November 2019	\$ 594,816.03	11/15/2019	12/10/2019	12/20/2019	12/20/2019	35	1.50%	0.53
November 2019	Supplier Reallocation for July 2019	\$ 197,491.57	11/15/2019	12/10/2019	12/20/2019	12/20/2019	35	0.50%	0.17
November 2019	Supplier Reallocation for July 2019	\$ (26,269.95)	11/15/2019	12/11/2019	12/21/2019	12/20/2019	35	-0.07%	(0.02)
November 2019	Current Charge for November 2019	\$ 1,890,521.09	11/15/2019	12/10/2019	12/20/2019	12/20/2019	35	4.77%	1.67
November 2019	Broker Charge	\$ 333.00	11/15/2019	12/1/2019	12/30/2019	12/30/2019	45	0.00%	0.00
December 2019	Current Charge for December 2019	\$ 2,852,722.00	12/16/2019	1/10/2020	1/21/2020	1/21/2020	36	7.20%	2.59
December 2019	Supplier Reallocation for August 2019	\$ 11,204.14	12/16/2019	1/10/2020	1/21/2020	1/21/2020	36	0.03%	0.01
December 2019	Current Charge for December 2019	\$ 918,279.37	12/16/2019	1/10/2020	1/21/2020	1/21/2020	36	2.32%	0.83
December 2019	Broker Charge	\$ 333.00	12/16/2019	1/1/2020	1/30/2020	1/30/2020	45	0.00%	0.00
[1] Total		\$ 39,618,866.59						Days	37.24

Columns:

- Month in which obligation for payment occurred
- Per invoices
- Per invoices
- Midpoint of applicable service period
- 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 20-053 Energy Service Reconciliation  
 Schedule AMH/DBS-6 ES Cost Reclassification Adj Factor  
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Liberty Utilities (Granite State Electric) Corp. d/b/a Liberty Utilities  
 RPS Obligation Program Year 2019

Invoice <u>Month</u> (a)	Obligation <u>Amount</u> (b)	Mid-Point of Service <u>Period</u> (c)	<u>Due Date</u> (d)	Elapsed <u>(Days)</u> (e)	% of <u>Total</u> (f)	Weighted <u>Days</u> (g)
Jul-19	\$ 114,350	7/16/2019	3/31/2020	259	4.38%	11.34
Aug-19	\$ 238,476	8/16/2019	3/31/2020	228	9.14%	20.83
Sep-19	\$ 188,609	9/15/2019	3/31/2020	198	7.22%	14.31
Oct-19	\$ 161,400	10/16/2019	6/30/2020	258	6.18%	15.95
Nov-19	\$ 165,666	11/15/2019	6/30/2020	228	6.35%	14.47
Dec-19	\$ 210,624	12/16/2019	6/30/2020	197	8.07%	15.89
Jan-20	\$ 244,494	1/16/2020	9/30/2020	258	9.37%	24.16
Feb-20	\$ 277,883	2/14/2020	9/30/2020	229	10.64%	24.38
Mar-20	\$ 267,537	3/16/2020	9/30/2020	198	10.25%	20.29
Apr-20	\$ 246,567	4/15/2020	12/31/2020	260	9.44%	24.56
May-20	\$ 234,873	5/16/2020	12/31/2020	229	9.00%	20.60
Jun-20	\$ 260,083	6/15/2020	12/31/2020	199	9.96%	19.83
[1] Total	\$ 2,610,561				[2] Days	226.61

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>		Monthly Customer Accts.Receivable (a)	Monthly Sales (b)	Days In Month (c)	Average Daily Revenues (d)
1/1/2019	1/31/2019	\$ 12,580,711	\$ 9,515,464	31	\$ 306,950
2/1/2019	2/28/2019	\$ 13,005,398	\$ 9,380,825	28	\$ 335,029
3/1/2019	3/31/2019	\$ 12,657,160	\$ 9,096,737	31	\$ 293,443
4/1/2019	4/30/2019	\$ 10,864,616	\$ 7,854,039	30	\$ 261,801
5/1/2019	5/31/2019	\$ 10,192,848	\$ 7,335,491	31	\$ 236,629
6/1/2019	6/30/2019	\$ 10,479,746	\$ 7,154,520	30	\$ 238,484
7/1/2019	7/31/2019	\$ 11,446,569	\$ 8,649,182	31	\$ 279,006
8/1/2019	8/31/2019	\$ 12,769,661	\$ 9,363,308	31	\$ 302,042
9/1/2019	9/30/2019	\$ 11,346,141	\$ 7,648,644	30	\$ 254,955
10/1/2019	10/31/2019	\$ 9,468,822	\$ 6,807,193	31	\$ 219,587
11/1/2019	11/30/2019	\$ 10,262,652	\$ 6,905,386	30	\$ 230,180
12/1/2019	12/31/2019	\$ 10,781,310	\$ 8,319,085	31	\$ 268,358
Average		\$ 11,321,303			\$ 268,872

[1] Service Lag	15.21
[2] Collection Lag	42.11
[3] Billing Lag	<u>2.59</u>
[4] Total Average Days Lag	59.90
[5] Customer Payment Lag-annual percent	16.41%

Columns:

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

Lines:

- [1] Settlement Agreement Docket No. DE 19-064
- [2] (a) / (d)
- [3] Settlement Agreement Docket No. DE 19-064
- [4] Sum of Lines 1-3
- [5] Line (4) ÷ 365