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CALCULATION OF THE DEFAULT SERVICE CHARGE

| | Non-G1 Class Default Service: | | | | | | | |
|----|---|---------------|---------------|---------------|---------------|-----------------|------------------|--------------|
| | Power Supply Charge | <u>Jun-16</u> | <u>Jul-16</u> | <u>Aug-16</u> | <u>Sep-16</u> | <u>Oct-16</u> | <u>Nov-16</u> | <u>Total</u> |
| | rower Supply Charge | | | | | | | |
| | Residential Class | ¢104.220 | ¢100.100 | ¢1.51.520 | A121 540 | \$00.241 | \$106.052 | 0711.040 |
| 1 | Reconciliation | \$104,328 | \$128,139 | \$151,730 | \$121,768 | \$98,341 | \$106,962 | \$711,268 |
| 2 | Total Costs | \$1,637,247 | \$2,310,464 | \$2,490,960 | \$1,819,241 | \$1,512,638 | \$1,811,726 | \$11,582,276 |
| 3 | Reconciliation plus Total Costs (L.1 + L.2) | \$1,741,575 | \$2,438,603 | \$2,642,690 | \$1,941,009 | \$1,610,979 | \$1,918,688 | \$12,293,544 |
| 4 | kWh Purchases | 33,312,001 | 40,914,823 | 48,447,343 | 38,880,510 | 31,400,422 | 34,152,917 | 227,108,015 |
| 5 | Total, Before Losses (L.3 / L.4) | \$0.05228 | \$0.05960 | \$0.05455 | \$0.04992 | \$0.05130 | \$0.05618 | \$0.05413 |
| 6 | Losses | <u>6.40%</u> | <u>6.40%</u> | <u>6.40%</u> | <u>6.40%</u> | <u>6.40%</u> | <u>6.40%</u> | <u>6.40%</u> |
| | Total Retail Rate - Residential Variable Power Supply Charge $(L.5 * (1+L.6))$ Total Retail Rate - Residential Fixed Power Supply Charge $(L.5 * (1+L.6))$ | \$0.05563 | \$0.06342 | \$0.05804 | \$0.05312 | \$0.05459 | \$0.05977 | \$0.05760 |
| 9 | G2 and OL Class Reconciliation | \$48,420 | \$58,403 | \$58,468 | \$55,025 | \$48,040 | \$46,588 | \$314,945 |
| 10 | Total Costs | \$734,855 | \$1,029,194 | \$958,587 | \$807,719 | \$706,746 | \$779,909 | \$5,017,009 |
| 11 | Reconciliation plus Total Costs (L.9 + L.10) | \$783,275 | \$1,087,596 | \$1,017,055 | \$862,744 | \$754,786 | \$826,497 | \$5,331,953 |
| 12 | kWh Purchases | 15,457,982 | 18,644,781 | 18,665,591 | 17,566,517 | 15,336,523 | 14,873,121 | 100,544,514 |
| 13 | Total, Before Losses (L.11 / L.12) | \$0.05067 | \$0.05833 | \$0.05449 | \$0.04911 | \$0.04921 | \$0.05557 | \$0.05303 |
| 14 | Losses | <u>6.40%</u> | <u>6.40%</u> | <u>6.40%</u> | <u>6.40%</u> | <u>6.40%</u> | <u>6.40%</u> | <u>6.40%</u> |
| 15 | Total Retail Rate - G2 and OL Variable Power Supply Charge (L.13 * (1+L.14)) Total Retail Rate - G2 and OL Fixed Power Supply Charge (L.13 * | \$0.05391 | \$0.06207 | \$0.05798 | \$0.05226 | \$0.05236 | \$0.05913 | |
| 16 | (1+L.14)) | | | | | | | \$0.05642 |

| Ren | newable Portfolio Standard (RPS) Charge | | | | | | | |
|----------|---|------------------|-------------------|------------------|------------------|--------------|--------------|--------------------|
| 17 Reco | onciliation | (\$87,444) | (\$106,790) | (\$120,333) | (\$101,209) | (\$83,799) | (\$87,903) | (\$587,478) |
| 18 Total | ıl Costs | <u>\$187,484</u> | \$228,962 | <u>\$257,993</u> | <u>\$216,996</u> | \$179,670 | \$188,467 | <u>\$1,259,573</u> |
| 19 Reco | onciliation plus Total Costs (L.17 + L.18) | \$100,040 | \$122,172 | \$137,660 | \$115,787 | \$95,871 | \$100,564 | \$672,095 |
| 20 kWh | n Purchases | 48,769,983 | <u>59,559,604</u> | 67,112,934 | 56,447,027 | 46,736,945 | 49,026,037 | <u>327,652,529</u> |
| 21 Total | l, Before Losses (L.19 / L.20) | \$0.00205 | \$0.00205 | \$0.00205 | \$0.00205 | \$0.00205 | \$0.00205 | \$0.00205 |
| 22 Loss | ses | 6.40% | <u>6.40%</u> | <u>6.40%</u> | <u>6.40%</u> | <u>6.40%</u> | <u>6.40%</u> | <u>6.40%</u> |
| | l Retail Rate - Variable RPS Charge (L.21 * (1+L.22)) l Retail Rate - Fixed RPS Charge (L.21 * (1+L.22)) | \$0.00218 | \$0.00218 | \$0.00218 | \$0.00218 | \$0.00218 | \$0.00218 | \$0.00218 |

| | TOTAL DEFAULT SERVICE CHARGE | | | | | | | |
|----|---|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| 25 | Total Retail Rate - Residential Variable Default Service Charge (L.7 + L.23) | \$0.05781 | \$0.06560 | \$0.06022 | \$0.05530 | \$0.05677 | \$0.06195 | |
| 26 | Total Retail Rate - Residential Fixed Default Service Charge (L.8+L.24) | | | | | | | \$0.05978 |
| 27 | Total Retail Rate - G2 and OL Variable Default Service Charge (L.15 + L.23) Total Retail Rate - G2 and OL Fixed Default Service | \$0.05609 | \$0.06425 | \$0.06016 | \$0.05444 | \$0.05454 | \$0.06131 | |
| 28 | Charge (L.16+L.24) | | | | | | | \$0.05860 |

Authorized by NHPUC Order No. in Case No. DE 16-250, dated

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CALCULATION OF THE DEFAULT SERVICE CHARGE

| | Non-G1 Class Default Service: | | | | | | | |
|----|---|------------------------|-------------------------|------------------------|------------------------|-------------------------|------------------------|-------------------------|
| | Power Supply Charge | <u>Dec-15</u> | <u>Jan-16</u> | <u>Feb-16</u> | <u>Mar-16</u> | <u>Apr-16</u> | <u>May-16</u> | <u>Total</u> |
| | Residential Class | | | | | | | |
| 1 | Reconciliation | (\$22,771) | (\$23,994) | (\$22,645) | (\$20,346) | (\$18,419) | (\$17,130) | (\$125,304) |
| 2 | Total Costs | \$3,480,619 | \$4,594,771 | \$4,285,670 | \$3,015,924 | \$2,088,170 | \$1,620,290 | \$19,085,444 |
| 3 | Reconciliation plus Total Costs (L.1 + L.2) | \$3,457,848 | \$4, 570,777 | \$4,263,024 | \$2,995,578 | \$ 2,069,751 | \$1,603,160 | \$18,960,140 |
| 4 | kWh Purchases | <u>41,166,605</u> | <u>43,378,451</u> | <u>40,940,235</u> | <u>36,783,642</u> | <u>33,298,924</u> | <u>30,968,524</u> | 226,536,380 |
| 5 | Total, Before Losses (L.3 / L.4) | \$0.08400 | \$0.10537 | \$0.10413 | \$0.081 44 | \$0.06216 | \$0.05177 | \$0.08370 |
| 6 | Losses | <u>6.40%</u> | <u>6.40%</u> | 6.40%- | <u>6.40%</u> | <u>6.40%</u> | <u>6.40%</u> | <u>6.40%</u> |
| | Total Retail Rate - Residential Variable Power Supply Charge $(L.5 * (1+L.6))$ Total Retail Rate - Residential Fixed Power Supply Charge $(L.5 * (1+L.6))$ | <u>\$0.08937</u> | \$0.11211 | \$0.11079 | \$0.08665 | \$0.06613 - | <u>\$0.05508</u> | <u>\$0.08905</u> |
| 9 | G2 and OL Class Reconciliation | (\$8,933) | (\$9,194) | (\$9,186) | (\$9,169) | (\$8,602) | (\$8,287) | (\$53,370) |
| 10 | Total Costs | \$1,367,153 | \$1,743,727 | \$1,713,255 | \$1,337,392 | \$952,131 | \$763,851 | \$7,877,509 |
| 11 | Reconciliation plus Total Costs (L.9 + L.10) | \$1,358,220 | \$1,734,533 | \$1,704,069 | \$1,328,223 | \$943,529 | \$755,564 | \$7,824,139 |
| 12 | kWh Purchases | <u>16,152,651</u> | <u>16,623,879</u> | 16,609,176 | <u>16,578,365</u> | <u>15,552,653</u> | <u>14,983,185</u> | <u>96,499,908</u> |
| 13 | Total, Before Losses (L.11 / L.12) | \$0.08409 | \$0.10434 | \$0.10260 | \$0.08012 | \$0.06067 | \$0.05043 | \$0.08108 |
| 14 | Losses | <u>6.40%</u> | <u>6.40%</u> | 6.40% | <u>6.40%</u> | 6.40% | <u>6.40%</u> | 6.40% |
| 15 | Total Retail Rate - G2 and OL Variable Power Supply Charge (L.13 * (1+L.14)) Total Retail Rate - G2 and OL Fixed Power Supply Charge (L.13 * | \$0.08947 | \$0.11102 | \$0.10916 | \$0.08525 - | \$0.06455 - | \$0.05365 - | |
| 16 | (1+L.14)) | | | | | | | \$0.08627 |

| | Renewable Portfolio Standard (RPS) Charge | | | | | | | |
|----------|---|-----------------------|------------------------|-----------------------|-----------------------|------------------------|-----------------------|------------------------|
| 17 | Reconciliation | (\$90,817) | (\$95,068) | (\$91,182) | (\$84,547) | (\$77,401) | (\$72,806) | (\$511,822) |
| 18 | Total Costs | <u>\$194,365</u> | <u>\$417,212</u> | <u>\$400,160</u> | <u>\$371,049</u> | <u>\$339,688</u> | <u>\$319,525</u> | <u>\$2,042,000</u> |
| 19 | Reconciliation plus Total Costs (L.17 + L.18) | \$103,548 | \$322,144 | \$308,978 | \$286,502 | \$262,287 | \$246,719 | \$1,530,178 |
| 20 | kWh Purchases | 57,319,256 | 60,002,329 | <u>57,549,411</u> | 53,362,007 | <u>48,851,576</u> | <u>45,951,709</u> | 323,036,288 |
| 21 | Total, Before Losses (L.19 / L.20) | \$0.00181 | \$0.00537 - | \$0.00537 | \$0.00537 | \$0.00537 - | \$0.00537 | \$0.00474 |
| 22 | Losses | <u>6.40%</u> | 6.40% | 6.40% | <u>6.40%</u> | <u>6.40%</u> | 6.40% | 6.40% |
| 23 24 | Total Retail Rate - Variable RPS Charge (L.21 * (1+L.22)) Total Retail Rate - Fixed RPS Charge (L.21 * (1+L.22)) | \$0.00192 | \$0.00571 | \$0.00571 | <u>\$0.00571</u> | \$0.00571 | \$0.00571 | \$0.00504 |

| | TOTAL DEFAULT SERVICE CHARGE | | | | | | | |
|----|---|----------------------|----------------------|----------------------|----------------------|-----------------------|----------------------|----------------------|
| 25 | Total Retail Rate - Residential Variable Default Service Charge (L.7 + L.23) | \$0.09129 | \$0.11782 | \$0.11650 | \$0.09236 | \$0.0718 4 | \$0.06079 | |
| 26 | Total Retail Rate - Residential Fixed Default Service Charge (L.8+L.24) | | | | | | | \$0.09409 |
| 27 | Total Retail Rate - G2 and OL Variable Default Service Charge (L.15 + L.23) Total Retail Rate - G2 and OL Fixed Default Service | \$0.09139 | \$0.11673 | \$0.11487 | \$0.09096 | \$0.07026 | \$0.05936 | |
| 28 | | | | | | | | \$0.09131 |

Authorized by NHPUC Order No. 25,823 in Case No. DE 15-079, dated October 9, 2015

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CALCULATION OF THE DEFAULT SERVICE CHARGE

| | G1 Class Default Service: | <u>Jun-16</u> | <u>Jul-16</u> | <u>Aug-16</u> | <u>Sep-16</u> | <u>Oct-16</u> | <u>Nov-16</u> | <u>Total</u> |
|----|---|-----------------------------------|-----------------------------------|-----------------------------------|------------------|-----------------------------------|-----------------------------------|-----------------|
| | Power Supply Charge | | | | | | | |
| 1 | Reconciliation | | | | | | | (\$101,257) |
| 2 | Total Costs excl. wholesale supplier charge | | | | | | | \$22,713 |
| 3 | Reconciliation plus Total Costs excl. wholes ale supplier charge $(L.1 + L.2)$ | | | | | | | (\$78,544) |
| 4 | kWh Purchases | | | | | | | 23,093,855 |
| 5 | Total, Before Losses (L.3 / L.4) | | | | | | | (\$0.00340) |
| 6 | Losses | | | | | | | <u>4.591%</u> |
| 7 | Power Supply Charge excl. wholesale supplier charge (L.5 * (1+L.6)) (2) | (\$0.00356) | (\$0.00356) | (\$0.00356) | (\$0.00356) | (\$0.00356) | (\$0.00356) | (\$0.00356) |
| | Wholesale Supplier Charge Losses Retail Rate - Wholesale Supplier Charge (L.8a * (1+L.8b)) | MARKET <u>4.591%</u> MARKET | MARKET <u>4.591%</u> MARKET | MARKET <u>4.591%</u> MARKET | <u>4.591%</u> | MARKET <u>4.591%</u> MARKET | MARKET <u>4.591%</u> MARKET | |
| 9 | Total Retail Rate - Power Supply Charge (L.7 + L. 8) | MARKET | MARKET | MARKET | MARKET | MARKET | MARKET | |
| | Renewable Portfolio Standard (RPS) Charge | | | | | | | |
| 10 | Reconciliation | \$1,893 | \$2,075 | \$2,110 | \$2,015 | \$1,865 | \$1,788 | \$11,744 |
| 11 | Total Costs | <u>\$14,531</u> | <u>\$15,934</u> | <u>\$16,197</u> | <u>\$15,467</u> | <u>\$14,316</u> | <u>\$13,725</u> | <u>\$90,170</u> |
| 12 | Reconciliation plus Total Costs (L.10+ L.11) | \$16,424 | \$18,009 | \$18,306 | \$17,482 | \$16,181 | \$15,512 | \$101,915 |
| 13 | kWh Purchases | 3,721,650 | 4,080,920 | 4,148,210 | <u>3,961,399</u> | 3,666,624 | <u>3,515,052</u> | 23,093,855 |
| 14 | Total, Before Losses (L.12 / L.13) | \$0.00441 | \$0.00441 | \$0.00441 | \$0.00441 | \$0.00441 | \$0.00441 | |
| 15 | Losses | <u>4.591%</u> | <u>4.591%</u> | <u>4.591%</u> | <u>4.591%</u> | <u>4.591%</u> | <u>4.591%</u> | |
| 16 | Total Retail Rate - RPS Charge (L.14 * (1+L.15)) | \$0.00462 | \$0.00462 | \$0.00462 | \$0.00462 | \$0.00462 | \$0.00462 | |
| | TOTAL DEFAULT SERVICE CHARGE | | | | | | | |

17 Total Retail Rate - Default Service Charge (L.9 + L.16)

MARKET MARKET MARKET MARKET MARKET

Authorized by NHPUC Order No.

in Case No. DE 16-250, dated

NHPUC No. 3 - Electricity Delivery Unitil Energy Systems, Inc.

CALCULATION OF THE DEFAULT SERVICE CHARGE

| | G1 Class Default Service: | <u>Dec-15</u> | <u>Jan-16</u> | <u>Feb-16</u> | <u>Mar-16</u> | <u>Apr-16</u> | <u>May-16</u> | <u>Total</u> |
|----|---|----------------------------|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|------------------------|
| | Power Supply Charge | | | | | | | |
| 1 | Reconciliation | | | | | | | (\$217,072) |
| 2 | Total Costs excl. wholesale supplier charge | | | | | | | <u>\$21,966</u> |
| 3 | Reconciliation plus Total Costs excl. wholes ale supplier charge $(L.1 + L.2)$ | | | | | | | (\$195,105) |
| 4 | kWh Purchases | | | | | | | <u>20,996,111</u> |
| 5 | Total, Before Losses (L.3 / L.4) | | | | | | | (\$0.00929) |
| 6 | Losses | | | | | | | <u>4.591%</u> |
| 7 | Power Supply Charge excl. wholesale supplier charge (L.5 * (1+L.6)) (2) | (\$0.00972) | (\$0.00972) | (\$0.00972) | (\$0.00972) | (\$0.00972) | (\$0.00972) | (\$0.00972) |
| | Wholesale Supplier Charge Losses Retail Rate - Wholesale Supplier Charge (L.8a * (1+L.8b)) | MARKET 4.591% MARKET | MARKET <u>4.591%</u> MARKET | MARKET <u>4.591%</u> MARKET | MARKET <u>4.591%</u> MARKET | MARKET <u>4.591%</u> MARKET | MARKET <u>4.591%</u> MARKET | |
| 9 | Total Retail Rate - Power Supply Charge (L.7 + L. 8) | MARKET | MARKET | MARKET | MARKET | MARKET | MARKET | |
| | Renewable Portfolio Standard (RPS) Charge | | | | | | | |
| 10 | Reconciliation | (\$6,910) | (\$6,630) | (\$6,718) | (\$7,010) | (\$6,565) | (\$6,799) | (\$40,632) |
| 11 | Total Costs | <u>\$12,319</u> | <u>\$24,237</u> | <u>\$24,558</u> | <u> \$25,625</u> | <u>\$23,999</u> | <u>\$24,856</u> | <u>\$135,593</u> |
| 12 | Reconciliation plus Total Costs (L.10+ L.11) | \$5,409 | \$17,607 | \$17,840 | \$18,615 | \$17,434 | \$18,057 | \$94,961 |
| 13 | kWh Purchases | <u>3,570,608</u> | <u>3,426,028</u> | <u>3,471,343</u> | <u>3,622,174</u> | <u>3,392,414</u> | <u>3,513,544</u> | 20,996,111 |
| 14 | Total, Before Losses (L.12 / L.13) | \$0.00151 | \$0.00514 | \$0.00514 | \$0.00514 | \$0.00514 | \$0.00514 | |
| 15 | Losses | <u>4.591%</u> | <u>4.591%</u> | <u>4.591%</u> | <u>4.591%</u> | <u>4.591%</u> | <u>4.591%</u> | |
| 16 | Total Retail Rate - RPS Charge (L.14 * (1+L.15)) | \$0.00158 | \$0.00538 | \$0.00538 | \$0.00538 | \$0.00538 | \$0.00538 | |
| | TOTAL DEFAULT SERVICE CHARGE | | | | | | | |

17 Total Retail Rate - Default Service Charge (L.9 + L.16)

MARKET MARKET MARKET MARKET MARKET

Authorized by NHPUC Order No. 25,823 in Case No. DE-15-079, dated October 9, 2015

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NHPUC No. 3 - Electricity Delivery Unitil Energy Systems, Inc.

SUMMARY OF LOW-INCOME ELECTRIC ASSISTANCE PROGRAM DISCOUNTS

Low-Income Electric Assistance Program (LI-EAP) Discounts for Eligible Customers

| | Percentage of | | | LI-EAP discount Delivery Only; Excludes Supply | LI-EAP discount Fixed Default Service Supply Only | LI-EAP discount Variable Default Service Supply Only | | | | | |
|-------|-------------------------------|--------------|---|--|---|--|---|---|---|---|---|
| Tier | Federal Poverty Guidelines | Discount (5) | Blocks | Jun 2016 - Nov 2016 (1) | Jun 2016 - Nov 2016 (2) | Jun-16 (3) | Jul-16 (3) | <u>Aug-16 (3)</u> | Sep-16 (3) | Oct-16 (3) | <u>Nov-16 (3)</u> |
| 1 (4) | N/A | N/A | | | | | | | | | |
| 2 | 151 - 200 | 9% | Customer Charge | (\$0.92) | | | | | | | |
| | | | First 250 kWh Next 500 kWh Excess 750 kWh | (\$0.00549) (\$0.00594) \$0.00000 | (\$0.00538) (\$0.00538) \$0.00000 | (\$0.00520) (\$0.00520) \$0.00000 | (\$0.00590) (\$0.00590) \$0.00000 | (\$0.00542) (\$0.00542) \$0.00000 | (\$0.00498) (\$0.00498) \$0.00000 | (\$0.00511) (\$0.00511) \$0.00000 | (\$0.00558) (\$0.00558) \$0.00000 |
| 3 | 126 - 150 | 23% | Customer Charge | (\$2.36) | | | | | | | |
| | | | First 250 kWh Next 500 kWh Excess 750 kWh | (\$0.01404) (\$0.01519) \$0.00000 | (\$0.01375) (\$0.01375) \$0.00000 | (\$0.01330) (\$0.01330) \$0.00000 | (\$0.01509) (\$0.01509) \$0.00000 | (\$0.01385) (\$0.01385) \$0.00000 | (\$0.01272) (\$0.01272) \$0.00000 | (\$0.01306) (\$0.01306) \$0.00000 | (\$0.01425) (\$0.01425) \$0.00000 |
| 4 | 101 - 125 | 37% | Customer Charge | (\$3.80) | | | | | | | |
| | | | First 250 kWh Next 500 kWh Excess 750 kWh | (\$0.02258) (\$0.02443) \$0.00000 | (\$0.02212) (\$0.02212) \$0.00000 | (\$0.02139) (\$0.02139) \$0.00000 | (\$0.02427) (\$0.02427) \$0.00000 | (\$0.02228) (\$0.02228) \$0.00000 | (\$0.02046) (\$0.02046) \$0.00000 | (\$0.02100) (\$0.02100) \$0.00000 | (\$0.02292) (\$0.02292) \$0.00000 |
| 5 | 76 - 100 | 53% | Customer Charge | (\$5.44) | | | | | | | |
| | | | First 250 kWh Next 500 kWh Excess 750 kWh | (\$0.03235) (\$0.03500) \$0.00000 | (\$0.03168) (\$0.03168) \$0.00000 | (\$0.03064) (\$0.03064) \$0.00000 | (\$0.03477) (\$0.03477) \$0.00000 | (\$0.03192) (\$0.03192) \$0.00000 | (\$0.02931) (\$0.02931) \$0.00000 | (\$0.03009) (\$0.03009) \$0.00000 | (\$0.03283) (\$0.03283) \$0.00000 |
| 6 | 0 - 75 | 77% | Customer Charge | (\$7.91) | | | | | | | |
| | | | First 250 kWh Next 500 kWh Excess 750 kWh | (\$0.04700) (\$0.05085) \$0.00000 | (\$0.04603) (\$0.04603) \$0.00000 | (\$0.04451) (\$0.04451) \$0.00000 | (\$0.05051) (\$0.05051) \$0.00000 | (\$0.04637) (\$0.04637) \$0.00000 | (\$0.04258) (\$0.04258) \$0.00000 | (\$0.04371) (\$0.04371) \$0.00000 | (\$0.04770) (\$0.04770) \$0.00000 |

(1) Discount calculated using total utility charges from Page 4 (excluding the Electricity Consumption Tax) multiplied by the appropriate discount. These figures exclude default service and are applicable to customers choosing a Competitive Supplier or self-supply. Customers taking default service from the Company would receive these discounts plus the appropriate discount applicable to default service supply.

(2) Discount calculated using Non-G1 class (Residential) Fixed Default Service Rate multiplied by the appropriate discount. These figures exclude delivery.

(3) Discount calculated using Non-G1 class (Residential) Variable Default Service Rate, for the applicable month, multiplied by the appropriate discount. These figures exclude delivery.

(4) Tier 1 was eliminated by Order No. 25,200 in DE 10-192 dated March 4, 2011.

(5) Discounts effective May 1, 2014 and in effect for 24 months in accordance with Order No. 25-643 in DE 14-078. UES received a waiver to implement these on May 1, 2014. Pursuant to Secretarial Letter dated March 15, 2016 in DE 14-078, current discount levels have been extended until June 30, 2016.

Authorized by NHPUC Order No. in Case No. DE 16-250, dated

Issued By: Mark H. Collin Treasurer

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NHPUC No. 3 - Electricity Delivery Unitil Energy Systems, Inc.

SUMMARY OF LOW-INCOME ELECTRIC ASSISTANCE PROGRAM DISCOUNTS

Low-Income Electric Assistance Program (LI-EAP) Discounts for Eligible Customers

| | Percentage of | | | LI-EAP discount Delivery Only; Excludes Supply | LI-EAP discount Fixed Default Service Supply Only | LI-EAP discount Variable Default Service Supply Only | | | | | |
|-------|-------------------------------|--------------|---|--|--|--|--|--|--|--|--|
| Tier | Federal Poverty Guidelines | Discount (5) | Blocks | Dec 2015 - May 2016 (1)- | Dec 2015 - May 2016 (2) | Dec-15 (3) | <u>Jan-16 (3)</u> | Feb-16 (3) | <u>Mar-16 (3)</u> | <u>Apr-16 (3)</u> | <u>May-16 (3)</u> |
| 1 (4) | N/A | N/A | | | | | | | | | |
| 2 | 151 - 200 | 9% | Customer Charge | (\$0.92) | | | | | | | |
| | | | First 250 kWh Next 500 kWh Excess 750 kWh | (\$0.00549) (\$0.00594) \$0.00000 | (\$0.00847) (\$0.00847) \$0.00000 | (\$0.00822) (\$0.00822) \$0.00000 | (\$0.01060) (\$0.01060) \$0.00000 | (\$0.01049) (\$0.01049) \$0.00000 | (\$0.00831) (\$0.00831) \$0.00000 | (\$0.00647) (\$0.00647) \$0.00000 | (\$0.00547) (\$0.00547) \$0.00000 |
| 3 | 126 - 150 | 23% | Customer Charge | (\$2.36) | | | | | | | |
| | | | First 250 kWh Next 500 kWh Excess 750 kWh | (\$0.01404) (\$0.01519) \$0.00000 | (\$0.02164) (\$0.02164) \$0.00000 | (\$0.02100) (\$0.02100) \$0.00000 | (\$0.02710) (\$0.02710) \$0.00000 | (\$0.02680) (\$0.02680) \$0.00000 | (\$0.02124) (\$0.02124) \$0.00000 | (\$0.01652) (\$0.01652) \$0.00000 | (\$0.01398) (\$0.01398) \$0.00000 |
| 4 | 101 - 125 | 37% | Customer Charge | (\$3.80) | | | | | | | |
| | | | First 250 kWh Next 500 kWh Excess 750 kWh | (\$0.02258) (\$0.02443) \$0.00000 | (\$0.03481) (\$0.03481) \$0.00000 | (\$0.03378) (\$0.03378) \$0.00000 | (\$0.04359) (\$0.04359) \$0.00000 | (\$0.04311) (\$0.04311) \$0.00000 | (\$0.03417) (\$0.03417) \$0.00000 | (\$0.02658) (\$0.02658) \$0.00000 | (\$0.02249) (\$0.02249) \$0.00000 |
| 5 | 76 - 100 | 53% | Customer Charge | (\$5.44) | | | | | | | |
| | | | First 250 kWh Next 500 kWh Excess 750 kWh | (\$0.03235) (\$0.03500) \$0.00000 | (\$0.04987) (\$0.04987) \$0.00000 | (\$0.04838) (\$0.04838) \$0.00000 | (\$0.06244) (\$0.06244) \$0.00000 | (\$0.06175) (\$0.06175) \$0.00000 | (\$0.04895) (\$0.04895) \$0.00000 | (\$0.03808) (\$0.03808) \$0.00000 | (\$0.03222) (\$0.03222) \$0.00000 |
| 6 | 0 - 75 | 77% | Customer Charge | (\$7.91) | | | | | | | |
| | | | First 250 kWh Next 500 kWh Excess 750 kWh | (\$0.04700) (\$0.05085) \$0.00000 | (\$0.07245) (\$0.07245) \$0.00000 | (\$0.07029) (\$0.07029) \$0.00000 | (\$0.09072) (\$0.09072) \$0.00000 | (\$0.08971) (\$0.08971) \$0.00000 | (\$0.07112) (\$0.07112) \$0.00000 | (\$0.05532) (\$0.05532) \$0.00000 | (\$0.04681) (\$0.04681) \$0.00000 |

(1) Discount calculated using total utility charges from Page 4 (excluding the Electricity Consumption Tax) multiplied by the appropriate discount. These figures exclude default service and are applicable to customers choosing a Competitive Supplier or self-supply. Customers taking default service from the Company would receive these discounts plus the appropriate discount applicable to default service supply.

(2) Discount calculated using Non-G1 class (Residential) Fixed Default Service Rate multiplied by the appropriate discount. These figures exclude delivery.

(3) Discount calculated using Non-G1 class (Residential) Variable Default Service Rate, for the applicable month, multiplied by the appropriate discount. These figures exclude delivery.

(4) Tier 1 was eliminated by Order No. 25,200 in DE 10-192 dated March 4, 2011.

(5) Discounts effective May 1, 2014 and in effect for 24 months in accordance with Order No. 25-643 in DE 14-078. UES received a waiver to implement these on May 1, 2014.

Authorized by NHPUC Order No. 25,823 in Case No. DE 15-079, dated October 9, 2015

Issued: October 2, 2015 Effective: December 1, 2015 Issued By: Mark H. Collin Treasurer

Unitil Energy Systems, Inc. Calculation of Non-G1 Class Default Service Power Supply Charge

| | | Jun-16 <u>Estimated</u> | Jul-16 Estimated | Aug-16 Estimated | Sep-16 Estimated | Oct-16 Estimated | Nov-16 Estimated | <u>Total</u> |
|----------|---|----------------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
| 1 | Residential Class Reconciliation (1) | \$104,328 | \$128,139 | \$151,730 | \$121,768 | \$98,341 | \$106,962 | \$711,268 |
| 2 | Total Costs (Page 5) | <u>\$1,637,247</u> | <u>\$2,310,464</u> | <u>\$2,490,960</u> | <u>\$1,819,241</u> | <u>\$1,512,638</u> | <u>\$1,811,726</u> | <u>\$11,582,276</u> |
| 3 | Reconciliation plus Total Costs (L.1 + L.2) | \$1,741,575 | \$2,438,603 | \$2,642,690 | \$1,941,009 | \$1,610,979 | \$1,918,688 | \$12,293,544 |
| 4 | kWh Purchases | 33,312,001 | <u>40,914,823</u> | <u>48,447,343</u> | <u>38,880,510</u> | 31,400,422 | <u>34,152,917</u> | 227,108,015 |
| 5 | Total, Before Losses (L.3 / L.4) | \$0.05228 | \$0.05960 | \$0.05455 | \$0.04992 | \$0.05130 | \$0.05618 | \$0.05413 |
| 6 | Losses | <u>6.40%</u> | <u>6.40%</u> | <u>6.40%</u> | <u>6.40%</u> | <u>6.40%</u> | <u>6.40%</u> | <u>6.40%</u> |
| 7 8 | Total Retail Rate - Residential Variable Power Supply Charge (L.5 * (1+L.6)) Total Retail Rate - Residential Fixed Power Supply Charge (L.5 * (1+L.6)) | \$0.05563 | \$0.06342 | \$0.05804 | \$0.05312 | \$0.05459 | \$0.05977 | \$0.05760 |
| 9 | <u>G2 and OL Class</u> Reconciliation (1) | \$48,420 | \$58,403 | \$58,468 | \$55,025 | \$48,040 | \$46,588 | \$314,945 |
| 10 | Total Costs (Page 5) | <u>\$734,855</u> | <u>\$1.029,194</u> | <u>\$958,587</u> | <u>\$807,719</u> | <u>\$706,746</u> | <u>\$779.909</u> | <u>\$5,017,009</u> |
| 11 | Reconciliation plus Total Costs (L.9 + L.10) | \$783,275 | \$1,087,596 | \$1,017,055 | \$862,744 | \$754,786 | \$826,497 | \$5,331,953 |
| 12 | kWh Purchases | 15,457,982 | 18,644,781 | <u>18,665,591</u> | 17,566,517 | <u>15,336,523</u> | 14,873,121 | 100,544,514 |
| 13 | Total, Before Losses (L.11 / L.12) | \$0.05067 | \$0.05833 | \$0.05449 | \$0.04911 | \$0.04921 | \$0.05557 | \$0.05303 |
| 14 | Losses | <u>6.40%</u> | <u>6.40%</u> | <u>6.40%</u> | <u>6.40%</u> | <u>6.40%</u> | <u>6.40%</u> | <u>6.40%</u> |
| 15 16 | Total Retail Rate - G2 and OL Variable Power Supply Charge (L.13 * (1+L.14)) Total Retail Rate - G2 and OL Fixed Power Supply Charge (L.13 * (1+L.14)) | \$0.05391 | \$0.06207 | \$0.05798 | \$0.05226 | \$0.05236 | \$0.05913 | \$0.05642 |

(1) Balance as of February 29, 2016 modified, as detailed below, to include the reconciliation of estimated costs and revenues for March, April and May 2016. Figure is then allocated between rate periods (June-November 2016 and December 2016-May 2017) and rate classes (Residential and G2/OL), and then to each month, June through November 2016, on equal per kWh basis.

| a February 29, 2016 balance - Schedule LSM-2, Page 2 | | | \$4,400,619 |
|--|--|---|---|
| b less: Estimated remaining prior period reconciliation - Mar, Apr, May 2016: c Estimated costs - Mar, Apr, May 2016 as filed in DE 15-079 d Estimated revenue-Mar, Apr, May 2016 e line c - line d | | | \$9,777,758 <u>\$12,146.675</u> (\$2,368,917) |
| f Reconciliation for June 1, 2016-May 31, 2017 (line a + line e) | | | \$2,031,702 |
| g Rate period: June-November 2016 h Rate period: December 2016-May 2017 <i>i</i> Total | Non-G1 total <u>kWh purchases</u> 327,652,529 <u>321,026,081</u> 648,678,611 | <u>% per period</u> 50.51% 49.49% | Reconciliation <u>per period</u> \$1,026,213 <u>\$1,005,489</u> \$2,031,702 |
| <i>j</i> Residential class <i>k</i> G2 and OL class / Total | Jun-Nov 2016 <u>KWh purchases</u> 227,108,015 <u>100,544,514</u> 327,652,529 | <u>% by class</u> 69.31% 30.69% | Jun-Nov 2016 Reconciliation <u>by class</u> \$711,268 <u>\$314,945</u> \$1,026,213 |

Reconciliation of Non-G1 Class Power Supply Charge Costs and Revenues

| | (a) | (b) | (c) | (d) Ending Balance | (e) | (f) | (g) Number of | (h) | (i) |
|--------|-------------------|--------------------|--------------------|-----------------------|---------------------|----------|------------------|----------------|---------------------|
| | | Total Costs | Total Revenue | Before Interest | Average Monthly | Interest | Days / | Computed | Ending Balance with |
| | Beginning Balance | (Page 3) | (Page 4) | (a + b - c) | Balance ((a+d) / 2) | Rate | Month | Interest | Interest (d + h) |
| Mar-15 | \$8,154,522 | \$6,893,094 | \$8,421,278 | \$6,626,338 | \$7,390,430 | 3.25% | 31 | \$20,400 | \$6,646,738 |
| Apr-15 | \$6,646,738 | \$3,419,779 | \$6,191,236 | \$3,875,282 | \$5,261,010 | 3.25% | 30 | \$14,053 | \$3,889,335 |
| May-15 | \$3,889,335 | \$3,026,411 | \$5,507,250 | \$1,408,496 | \$2,648,916 | 3.25% | 31 | \$7,424 (1) | \$1,415,921 |
| Jun-15 | \$1,415,921 | \$3,066,711 | \$3,360,531 | \$1,122,100 | \$1,269,010 | 3.25% | 30 | \$3,390 | \$1,125,490 |
| Jul-15 | \$1,125,490 | \$4,452,703 | \$3,919,140 | \$1,659,053 | \$1,392,272 | 3.25% | 31 | \$3,843 | \$1,662,896 |
| Aug-15 | \$1,662,896 | \$3,349,889 | \$4,031,863 | \$980,923 | \$1,321,910 | 3.25% | 31 | \$3,649 | \$984,572 |
| Sep-15 | \$984,572 | \$3,291,751 | \$3,375,166 | \$901,156 | \$942,864 | 3.25% | 30 | \$2,519 | \$903,675 |
| Oct-15 | \$903,675 | \$2,511,543 | \$2,735,174 | \$680,044 | \$791,859 | 3.25% | 31 | \$2,186 | \$682,229 |
| Nov-15 | \$682,229 | \$3,797,877 | \$2,824,160 | \$1,655,946 | \$1,169,088 | 3.25% | 30 | \$3,123 | \$1,659,069 |
| Dec-15 | \$1,659,069 | \$4,553,355 | \$4,048,215 | \$2,164,210 | \$1,911,639 | 3.25% | 31 | \$5,277 | \$2,169,486 |
| Jan-16 | \$2,169,486 | \$6,107,139 | \$5,083,158 | \$3,193,467 | \$2,681,477 | 3.25% | 31 | \$7,381 | \$3,200,849 |
| Feb-16 | \$3,200,849 | <u>\$5,342,374</u> | <u>\$4,152,379</u> | \$4,390,844 | \$3,795,847 | 3.25% | 29 | <u>\$9,775</u> | \$4,400,619 |
| Total | | \$49,812,627 | \$53,649,549 | | | | | \$83,019 | |

(1) Includes \$113 to adjust interest due to change in method of recording NHPUC Annual Assessment, effective July 2014.

Schedule LSM-2 Page 2 of 6 Unitil Energy Systems, Inc. Itemized Costs for Non-G1 Class Default Service Charge Schedule LSM-2 Page 3 of 6

| | Calculation of Working Capital | | | | | | | | | | | | |
|--------|---|-------------------------|------------------------------------|--|----------------|--|--|--|---------------|--|---|--|--|
| | | | Supplie | er Charges and G | IS Support Pay | /ments | | | | | | | |
| | (a) | (b) | (c) | (d) | (e) | (f) | (g) | (h) | (i) | (j) | (k) | (I) | (m) |
| | Total Non-G1 Class DS Supplier Charges | GIS Support Payments | Number of Days of Lag / 365 (1) | Working Capital Requirement ((a+b)*c) | Prime Rate | Supply Related Working Capital (d * e) | Provision for Uncollected Accounts | Internal Company Administrative Costs | Legal Charges | Consulting Outside Service Charges | Default Service Portion of the annual PUC Assessment | DSC Adjustment per DE 11-105 (2) | Total Costs (sum a + b + f + g + h + i + j + k + I) |
| Mar-15 | \$6,824,896 | \$598 | 2.05% | \$139,876 | 3.25% | \$4,546 | \$19,457 | \$2,303 | (\$21) | \$0 | \$0 | \$41,314 | \$6,893,094 |
| Apr-15 | \$3,343,595 | \$504 | 2.05% | \$68,531 | 3.25% | \$2,227 | \$29,836 | \$2,303 | \$0 | \$0 | \$0 | \$41,314 | \$3,419,779 |
| May-15 | \$2,919,774 | \$514 | 2.05% | \$59,846 | 3.25% | \$1,945 | \$52,176 | \$2,303 | \$0 | \$0 | \$8,384 (3) | \$41,314 | \$3,026,411 |
| Jun-15 | \$2,942,298 | \$386 | 6.50% | \$191,154 | 3.25% | \$6,212 | \$73,291 | \$2,303 | \$131 | \$0 | \$774 | \$41,314 | \$3,066,711 |
| Jul-15 | \$4,282,948 | \$416 | 6.50% | \$278,243 | 3.25% | \$9,043 | \$115,900 | \$2,303 | \$0 | \$0 | \$777 | \$41,314 | \$4,452,703 |
| Aug-15 | \$3,252,607 | \$939 | 6.50% | \$211,347 | 3.25% | \$6,869 | \$44,413 | \$2,303 | \$663 | \$0 | \$780 | \$41,314 | \$3,349,889 |
| Sep-15 | \$3,177,835 | \$514 | 6.50% | \$206,462 | 3.25% | \$6,710 | \$61,851 | \$2,303 | \$445 | \$0 | \$778 | \$41,314 | \$3,291,751 |
| Oct-15 | \$2,397,039 | \$523 | 6.50% | \$155,743 | 3.25% | \$5,062 | \$64,400 | \$2,303 | \$133 | \$0 | \$769 | \$41,314 | \$2,511,543 |
| Nov-15 | \$3,698,893 | \$501 | 6.50% | \$240,309 | 3.25% | \$7,810 | \$46,278 | \$2,303 | \$0 | \$0 | \$778 | \$41,314 | \$3,797,877 |
| Dec-15 | \$4,487,228 | \$399 | 6.50% | \$291,511 | 3.37% | \$9,824 | \$52,194 | \$2,464 | \$464 | \$0 | \$782 | \$0 | \$4,553,355 |
| Jan-16 | \$6,051,956 | \$400 | 6.50% | \$393,154 | 3.50% | \$13,760 | \$37,770 | \$2,464 | \$0 | \$0 | \$789 | \$0 | \$6,107,139 |
| Feb-16 | <u>\$5,301,515</u> | <u>\$518</u> | 6.50% | \$344,414 | 3.50% | <u>\$12,054</u> | <u>\$25,032</u> | <u>\$2,464</u> | <u>\$0</u> | <u>\$0</u> | <u>\$791</u> | <u>\$0</u> | \$5,342,374 |
| Total | \$48,680,584 | \$6,210 | | | | \$86,063 | \$622,599 | \$28,123 | \$1,815 | \$0 | \$15,402 | \$371,830 | \$49,812,627 |

(1) For the months Mar-May 2015, number of days lag equals 7.48. Calculated using revenue lag of 49.97 days less cost lead of 42.49 days. Revenue lag per Schedule KG-1, Page 4 of 23 and cost lead per Schedule KG-1, Page 22 of 23, DE 14-061 filed April 4, 2014.

For the months Jun 2015-Feb 2016, number of days lag equals 23.71. Calculated using revenue lag of 55.15 days less cost lead of 31.44 days. Revenue lag per Schedule BC-1, Page 4 of 23 and cost lead per Schedule BC-1, Page 22 of 23, DE 15-079 filed April 3, 2015.

(2) Details provided on Schedule LSM-2, Page 6.

(3) Represents July 2014-May 2015 Non-G1 portion of the annual NHPUC assessment allocated to Default Service (total for year for Non-G1 and G1 to Default Service equals \$10,000).

Unitil Energy Systems, Inc. Non-G1 Class Default Service Power Supply Charge Revenue

| | (a) | (b) | (c) | (d) | (e) | (f) | (g) | (h) | (i) | (j) | (k) | (I) | (m) |
|--------|----------------------|-----------------|----------------|-----------------|-------------------|-----------------|-----------------|--------------|-----------------|-----------------|----------------|-------------------|-----------------|
| | Total Residential | | | | Residential Class | Total G2/OL | | | | G2/OL Class | | Total Billed Non- | |
| | Class Billed | | Residential | Effective Fixed | | Class Billed | | G2/OL Class | Effective Fixed | Unbilled Power | Reversal of | G1 Class Power | |
| | Default Service | Unbilled Factor | Class Unbilled | Power Supply | Supply Charge | Default Service | Unbilled Factor | Unbilled kWh | Power Supply | Supply Charge | prior month | Supply Charge | Total Revenue |
| | kWh (1) | (2) | kWh (a*b) | Charge | Revenue (c * d) | kWh (1) | (2) | (f * g) | Charge | Revenue (h * i) | unbilled | Revenue (1) | (e + j + k + l) |
| | | | | | | | | | | | | | |
| Mar-15 | 41,665,612 | 39.53% | 16,471,982 | \$0.15129 | \$2,492,046 | 18,395,534 | 39.53% | 7,272,446 | \$0.14850 | \$1,079,958 | (\$4,269,912) | \$9,119,186 | \$8,421,278 |
| Apr-15 | 30,586,838 | 47.30% | 14,467,730 | \$0.15129 | \$2,188,823 | 14,243,979 | 47.30% | 6,737,474 | \$0.14850 | \$1,000,515 | (\$3,572,004) | \$6,573,902 | \$6,191,236 |
| May-15 | 25,791,523 | 50.92% | 13,131,900 | \$0.15129 | \$1,986,725 | 13,040,556 | 50.92% | 6,639,673 | \$0.14850 | \$985,991 | (\$3,189,338) | \$5,723,871 | \$5,507,250 |
| Jun-15 | 32,194,244 | 40.83% | 13,143,319 | \$0.06703 | \$880,997 | 15,200,336 | 40.83% | 6,205,546 | \$0.06775 | \$420,426 | (\$2,972,717) | \$5,031,825 | \$3,360,531 |
| Jul-15 | 35,304,328 | 51.73% | 18,262,947 | \$0.06703 | \$1,224,165 | 15,842,687 | 51.73% | 8,195,430 | \$0.06775 | \$555,240 | (\$1,301,422) | \$3,441,157 | \$3,919,140 |
| Aug-15 | 41,060,056 | 47.06% | 19,322,137 | \$0.06703 | \$1,295,163 | 17,706,171 | 47.06% | 8,332,211 | \$0.06775 | \$564,507 | (\$1,779,406) | \$3,951,599 | \$4,031,863 |
| Sep-15 | 39,552,948 | 38.32% | 15,155,326 | \$0.06703 | \$1,015,861 | 16,856,992 | 38.32% | 6,459,018 | \$0.06775 | \$437,598 | (\$1,859,670) | \$3,781,376 | \$3,375,166 |
| Oct-15 | 28,104,638 | 51.29% | 14,414,121 | \$0.06703 | \$966,179 | 13,168,980 | 51.29% | 6,754,020 | \$0.06775 | \$457,585 | (\$1,453,460) | \$2,764,871 | \$2,735,174 |
| Nov-15 | 27,601,380 | 57.81% | 15,956,451 | \$0.06703 | \$1,069,561 | 12,312,764 | 57.81% | 7,118,051 | \$0.06775 | \$482,248 | (\$1,423,763) | \$2,696,115 | \$2,824,160 |
| Dec-15 | 32,658,292 | 50.07% | 16,353,247 | \$0.08905 | \$1,456,257 | 13,296,530 | 50.07% | 6,658,078 | \$0.08627 | \$574,392 | (\$1,551,809) | \$3,569,375 | \$4,048,215 |
| Jan-16 | 38,477,441 | 51.38% | 19,770,281 | \$0.08905 | \$1,760,543 | 14,506,685 | 51.38% | 7,453,750 | \$0.08627 | \$643,035 | (\$2,030,649) | \$4,710,229 | \$5,083,158 |
| Feb-16 | 36,845,695 | 42.10% | 15,510,845 | \$0.08905 | \$1,381,241 | 14,943,086 | 42.10% | 6,290,556 | \$0.08627 | \$542,686 | (\$2,403,579) | \$4,632,030 | \$4,152,379 |
| Total | 409,842,993 | | | | \$17,717,561 | 179,514,302 | | | | \$7,744,183 | (\$27,807,729) | \$55,995,534 | \$53,649,549 |

(1) Per billing system(2) Detail of Unbilled Factors for the Residential, Regular General, and Outdoor Lighting Classes:

| | Non-G1 Class Billed kWh | Direct Estimate of Unbilled kWh | Unbilled kWh / Billed kWh |
|--------|-------------------------------|---------------------------------------|------------------------------|
| Mar-15 | 81,790,280 | 32,334,771 | 39.53% |
| Apr-15 | 63,937,600 | 30,242,810 | 47.30% |
| May-15 | 58,185,501 | 29,625,477 | 50.92% |
| Jun-15 | 70,393,511 | 28,738,193 | 40.83% |
| Jul-15 | 75,029,140 | 38,812,613 | 51.73% |
| Aug-15 | 84,596,197 | 39,809,475 | 47.06% |
| Sep-15 | 80,986,606 | 31,031,275 | 38.32% |
| Oct-15 | 60,950,005 | 31,259,635 | 51.29% |
| Nov-15 | 58,634,204 | 33,896,631 | 57.81% |
| Dec-15 | 66,220,512 | 33,159,126 | 50.07% |
| Jan-16 | 75,595,953 | 38,842,323 | 51.38% |
| Feb-16 | 74,359,798 | 31,303,069 | 42.10% |

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Redacted

Unitil Energy Systems, Inc. Itemized Costs for Non-G1 Class Default Service Charge

| | The doubter in the of block both to that go | | | | | | | | | | | | | | | |
|---|---|---|--|--|--|--|--|--|---|---|--|--|--|------------------|-------------------|---|
| | (a) | (b) | (c) | | ation of Working ges and GIS Sup (e) | | (g) | (h) | (i) | (j) | (k) | (1) | (m) | (n) | (0) | (p) |
| | Non-G1 Class (Residential) DS Supplier Charges (1) | Non-G1 Class (G2 and OL) DS Supplier Charges (1) | GIS Support Payments | Number of Days of Lag / 365 (2) | Working Capital Requirement ((a+b+c)*d) | Prime Rate | Supply Related Working Capital (e * f) | Provision for Uncollected Accounts | Internal Company Administrative Costs | Legal Charges | Consulting Outside Service Charges | Default Service Portion of the annual PUC Assessment | Non-G1 Class (Residential) DS Supplier Charges (col. a) | Supplier Charges | Costs (sum col. c | |
| Jun-16 Jul-16 Aug-16 Sep-16 Oct-16 Nov-16 Total | | | \$516 \$625 \$632 \$503 \$461 <u>\$482</u> \$3,220 | 7.24% 7.24% 7.24% 7.24% 7.24% 7.24% | | 3.50% 3.50% 3.50% 3.50% 3.50% 3.50% | | | \$2,464 \$2,464 \$2,464 \$2,464 \$2,464 <u>\$2,464</u> \$14,783 | \$0 \$0 \$0 \$0 <u>\$0</u> \$0 | \$0 \$0 \$0 \$0 \$0 <u>\$0</u> \$0 | \$778 \$778 \$778 \$778 \$778 <u>\$778</u> \$4,666 | | | | \$2,372,101 \$3,339,657 \$3,449,547 \$2,626,960 \$2,219,384 <u>\$2,591,635</u> \$16,599,285 |

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Total Costs Allocated to the Residential Class and the G2/OL Class

| | Non-G1 Class (Residential) DS Supplier <u>Charges (col. a)</u> (i) | Allocation of Remaining Costs (col. o) to Residential Class (3) (ii) | Total Non-G1 Class (Residential) Power Supply <u>Charges</u> (iii) = (i) + (ii) | Non-G1 Class (G2 and OL) DS Supplier Charges (col. b) (iv) | Allocation of Remaining Costs (col. o) to G2 and OL Class (3) (v) | Total Non-G1 Class (G2 and OL) Power Supply Charges (vi) = (iv) + (v) |
|---|--|---|---|---|--|--|
| Jun-16 Jul-16 Aug-16 Sep-16 Oct-16 Nov-16 Total | | | \$1,637,247 \$2,310,464 \$2,490,960 \$1,819,241 \$1,512,638 <u>\$1,811,726</u> \$11,582,276 | | | \$734,855 \$1,029,194 \$958,587 \$807,719 \$706,746 <u>\$779,909</u> \$5,017,009 |

(1) Estimates based on monthly average wholesale rate times estimated monthly purchases.

(2) Number of days lag equals 26.41. Calculated using revenue lag of 62.25 days less cost lead of 35.84 days. Revenue lag per Schedule DN-1, Page 4 of 23 and cost lead per Schedule DN-1, Page 22 of 23, DE 16-250 filed April 1, 2016.
 (3) Remaining Costs (column o) allocated between the Residential Class and the G2 and Outdoor Lighting Class based on estimated monthly kWh purchases, as shown below:

Residential G2 and OL Class kWh Class kWh Estimated kWh Purchases / Purchases / Purchases - Estimated kWh Total Non-G1 Total Non-G1 Total Non-G1 Class kWh Residential Purchases - G2 Class kWh Class kWh and OL Class Purchases Purchases Class Purchases Jun-16 33,312,001 15,457,982 48,769,983 68.3% 31.7% 40,914,823 18,644,781 59,559,604 68.7% Jul-16 31.3% 48,447,343 18,665,591 67,112,934 72.2% 27.8% Aug-16 38,880,510 17,566,517 Sep-16 56,447,027 68.9% 31.1% Oct-16 31,400,422 15,336,523 46,736,945 67.2% 32.8% 34,152,917 14,873,121 69.7% 30.3% Nov-16 49,026,037 Total 227,108,015 100,544,514 327,652,529

| | | (a) | (b) | (c) | (d) | (e) | (f) | (g) | (h) |
|------------------------|------------------|----------------------------|----------------------|----------------------------|----------------------------|----------------|-----------|--------------------------------------|----------------------------|
| | | Beginning | (5) | (0) | (4) | (0) | (1) | (9) | (1) |
| | | Balance- | | | | | | | |
| | | NonG1 DS Customer | | Ending Balance | | | Number of | | Ending Balance |
| | | Billing | Total Dovenue | Before Interest | Average Monthly | Interest | Days / | Computed | with Interest |
| | | Adjustment | Total Revenue | (a - b) | Balance ((a+c) / 2) | Rate | Month | Interest | (c + g) |
| Jun-12 | Actual | \$1,152,493 | | \$1,152,493 | \$1,152,493 | 3.25% | 30 | \$3,070 | \$1,155,563 |
| Jul-12 | Actual | \$1,155,563 | | \$1,155,563 | \$1,155,563 | 3.25% | 31 | \$3,181 | \$1,158,744 |
| Aug-12 | Actual Actual | \$1,158,744 \$1,161,024 | | \$1,158,744 \$1,161,034 | \$1,158,744 \$1,161,034 | 3.25% 3.25% | 31 30 | \$3,190 \$3,095 | \$1,161,934 \$1,165,020 |
| Sep-12 Oct-12 | Actual | \$1,161,934 \$1,165,029 | | \$1,161,934 \$1,165,029 | \$1,161,934 \$1,165,029 | 3.25% 3.25% | 30 31 | \$3,095 \$3,207 | \$1,165,029 \$1,168,236 |
| Nov-12 | Actual | \$1,168,236 | | \$1,168,236 | \$1,168,236 | 3.25% | 30 | \$3,112 | \$1,171,348 |
| | | | | | | | | | |
| | | | | | | | | | |
| Dec-12 | Actual | \$1,171,348 | | \$1,171,348 | \$1,171,348 | 3.25% | 31 | \$3,224 | \$1,174,573 |
| Jan-13 | Actual | \$1,174,573 | | \$1,174,573 | \$1,174,573 | 3.25% | 31 | \$3,242 | \$1,177,815 |
| Feb-13 | Actual | \$1,177,815 | | \$1,177,815 | \$1,177,815 | 3.25% | 28 | \$2,936 | \$1,180,751 |
| Mar-13 | Actual | \$1,180,751 | | \$1,180,751 | \$1,180,751 | 3.25% | 31 | \$3,259 | \$1,184,011 |
| Apr-13 Mov 13 | Actual | \$1,184,011 \$1,187,172 | | \$1,184,011 \$1,187,172 | \$1,184,011 \$1,187,172 | 3.25% | 30 21 | \$3,163 \$3,277 | \$1,187,173 \$1,100,450 |
| May-13 Jun-13 | Actual Actual | \$1,187,173 \$1,190,450 | \$41,314 | \$1,187,173 \$1,149,136 | \$1,187,173 \$1,169,793 | 3.25% 3.25% | 31 30 | \$3,277 \$3,125 | \$1,190,450 \$1,152,261 |
| Jul-13 | Actual | \$1,152,261 | \$41,314 \$41,314 | \$1,110,946 | \$1,131,604 | 3.25% | 30 31 | \$3,123 \$3,124 | \$1,114,070 |
| Aug-13 | Actual | \$1,114,070 | \$41,314 | \$1,072,755 | \$1,093,413 | 3.25% | 31 | \$3,018 | \$1,075,774 |
| Sep-13 | Actual | \$1,075,774 | \$41,314 | \$1,034,459 | \$1,055,116 | 3.25% | 30 | \$2,818 | \$1,037,278 |
| Oct-13 | Actual | \$1,037,278 | \$41,314 | \$995,963 | \$1,016,620 | 3.25% | 31 | \$2,806 | \$998,769 |
| Nov-13 | Actual | \$998,769 | \$41,314 | \$957,455 | \$978,112 | 3.25% | 30 | \$2,613 | \$960,068 |
| Total Dec-12 to Nov-13 | | | \$247,886 | | | | | \$36,606 | |
| | | | • , | | | | | • , | |
| | | | | | | | | | |
| Dec-13 | Actual | \$960,068 | \$41,314 | \$918,753 | \$939,411 | 3.25% | 31 | \$2,593 | \$921,346 |
| Jan-14 | Actual | \$921,346 | \$41,314 | \$880,032 | \$900,689 | 3.25% | 31 | \$2,486 | \$882,518 |
| Feb-14 | Actual | \$882,518 | \$41,314 | \$841,204 | \$861,861 | 3.25% | 28 | \$2,149 | \$843,352 |
| Mar-14 | Actual | \$843,352 | \$41,314 | \$802,038 | \$822,695 | 3.25% | 31 | \$2,271 | \$804,309 |
| Apr-14 | Actual | \$804,309 | \$41,314 | \$762,994 | \$783,652 | 3.25% | 30 | \$2,093 | \$765,088 |
| May-14 Jun-14 | Actual Actual | \$765,088 \$725,828 | \$41,314 \$41,314 | \$723,773 \$684.514 | \$744,431 \$705,171 | 3.25% 3.25% | 31 30 | \$2,055 \$1,884 | \$725,828 \$686,207 |
| Jul-14 | Actual | \$725,828 \$686,397 | \$41,314 \$41,314 | \$684,514 \$645,083 | \$705,171 \$665,740 | 3.25% 3.25% | 30 31 | \$1,838 \$1,838 | \$686,397 \$646,921 |
| Aug-14 | Actual | \$646,921 | \$41,314 | \$605,606 | \$626,264 | 3.25% | 31 | \$1,729 | \$607,335 |
| Sep-14 | Actual | \$607,335 | \$41,314 | \$566,021 | \$586,678 | 3.25% | 30 | \$1,567 | \$567,588 |
| Oct-14 | Actual | \$567,588 | \$41,314 | \$526,273 | \$546,930 | 3.25% | 31 | \$1,510 | \$527,783 |
| Nov-14 | Actual | \$527,783 | \$41,314 | \$486,469 | \$507,126 | 3.25% | 30 | \$1,355 | \$487,823 |
| Total Dec-13 to Nov-14 | | | \$495,773 | | | | | \$23,528 | |
| | | | ¢100,110 | | | | | <i>\</i> \\\\\\\\\\\\\ | |
| | | | | | | | | | |
| Dec-14 | Actual | \$487,823 | \$41,314 | \$446,509 | \$467,166 | 3.25% | 31 | \$1,290 | \$447,798 |
| Jan-15 | Actual | \$447,798 | \$41,314 | \$406,484 | \$427,141 | 3.25% | 31 | \$1,179 | \$407,663 |
| Feb-15 | Actual | \$407,663 | \$41,314 | \$366,349 | \$387,006 | 3.25% | 28 | \$965 | \$367,313 |
| Mar-15 | Actual | \$367,313 | \$41,314 | \$325,999 | \$346,656 | 3.25% | 31 | \$957 | \$326,956 |
| Apr-15 | Actual | \$326,956 | \$41,314 | \$285,641 | \$306,299 | 3.25% | 30 | \$818 \$724 | \$286,460 \$245,870 |
| May-15 Jun-15 | Actual Actual | \$286,460 \$245,879 | \$41,314 \$41,314 | \$245,145 \$204 564 | \$265,802 \$225,222 | 3.25% 3.25% | 31 30 | \$734 \$602 | \$245,879 \$205,166 |
| Jul-15 Jul-15 | Actual | \$245,879 \$205,166 | \$41,314 \$41,314 | \$204,564 \$163,852 | \$225,222 \$184,509 | 3.25% 3.25% | 30 31 | \$602 \$509 | \$205,166 \$164,361 |
| Aug-15 | Actual | \$164,361 | \$41,314 | \$123,047 | \$143,704 | 3.25% | 31 | \$397 | \$123,443 |
| Sep-15 | Actual | \$123,443 | \$41,314 | \$82,129 | \$102,786 | 3.25% | 30 | \$275 | \$82,403 |
| Oct-15 | Actual | \$82,403 | \$41,314 | \$41,089 | \$61,746 | 3.25% | 31 | \$170 | \$41,259 |
| Nov-15 | Actual | \$41,259 | \$41,314 | (\$55) | \$20,602 | 3.25% | 30 | \$55 | \$0 |
| Total Dec-14 to Nov-15 | | | \$495,773 | | | | | \$7,950 | |
| Total Jun-12 to Nov-15 | | | \$1,239,432 | | | | | \$86,939 | |

Calculation of Non-G1 Class Default Service Renewable Portfolio Standard (RPS) Charge

| 4 | Decensiliation (1) | Jun-16 Estimated | Jul-16 Estimated | Aug-16 Estimated | Sep-16 Estimated | Oct-16 Estimated | Nov-16 Estimated | Total |
|--------|---|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|--------------------|
| 1 | Reconciliation (1) | (\$87,444) | (\$106,790) | (\$120,333) | (\$101,209) | (\$83,799) | (\$87,903) | (\$587,478) |
| 2 | Total Costs (Page 5) | <u>\$187,484</u> | <u>\$228,962</u> | <u>\$257,993</u> | <u>\$216,996</u> | <u>\$179,670</u> | <u>\$188,467</u> | <u>\$1,259,573</u> |
| 3 | Reconciliation plus Total Costs (L.1 + L.2) | \$100,040 | \$122,172 | \$137,660 | \$115,787 | \$95,871 | \$100,564 | \$672,095 |
| 4 | kWh Purchases | <u>48,769,983</u> | <u>59,559,604</u> | <u>67,112,934</u> | <u>56,447,027</u> | <u>46,736,945</u> | <u>49,026,037</u> | 327,652,529 |
| 5 | Total, Before Losses (L.3 / L.4) | \$0.00205 | \$0.00205 | \$0.00205 | \$0.00205 | \$0.00205 | \$0.00205 | \$0.00205 |
| 6 | Losses | <u>6.40%</u> | <u>6.40%</u> | <u>6.40%</u> | <u>6.40%</u> | <u>6.40%</u> | <u>6.40%</u> | <u>6.40%</u> |
| 7 8 | Total Retail Rate - Variable RPS Charge (L.5 * (1+L.6)) Total Retail Rate - Fixed RPS Charge (L.5 * (1+L.6)) | \$0.00218 | \$0.00218 | \$0.00218 | \$0.00218 | \$0.00218 | \$0.00218 | \$0.00218 |

(1) Balance as of February 29, 2016 modified, as detailed below, to reflect that current rates (through May 31, 2016) include a credit for the overcollection as of February 28, 2015 and to reflect accruals for RPS. Figure is then allocated between rate periods (June-November 2016 and December 2016-May 2017) and then to each month, June through November 2016, on equal per kWh basis.

| a February 29, 2016 actual balan | | (\$3,676,431) | | | | | | |
|--|---|--------------------|--------------|--------------------|--|--|--|--|
| b less: Estimated remaining prior | period reconciliation - Mar, Apr, | May 2016: | | | | | | |
| С | Estimated kWh | Sales Mar-May 2016 | | 139,253,094 | | | | |
| d | Amount of reconciliation in current RPS Charge | | | | | | | |
| е | Estimated amount of reconciliation - Mar-May 2016 | | | | | | | |
| f plus: Non-G1 Class RPS amounts included in rate filings, Mar 2015-Feb 2016 | | | | | | | | |
| g less: Non-G1 Class RPS amou | | <u>\$1,109,744</u> | | | | | | |
| h Net Non-G1 Class RPS amoun | ts included in rate filings, Mar 207 | 15-Feb 2016 | | \$2,278,001 | | | | |
| <i>i</i> Total reconciliation for June 1, 2 | 2016-May 31, 2017 (line a - line e | e + line h) | | (\$1,163,093) | | | | |
| | | Non-G1 total | | Reconciliation | | | | |
| | | kWh purchases | % per period | per period | | | | |
| j Rate period: June-November 2 | .016 | 327,652,529 | 50.51% | (\$587,478) | | | | |
| k Rate period: December 2016-N | /lay 2017 | <u>321,026,081</u> | 49.49% | <u>(\$575,615)</u> | | | | |
| / Total | | 648,678,611 | | (\$1,163,093) | | | | |

Unitil Energy Systems, Inc. Reconciliation of Non-G1 Class RPS Costs and Revenues

(a) (b) (c) (d) (e) (f) (g) (h) (i) **Ending Balance** Number of **Total Costs Total Revenue** Before Interest Average Monthly Days / Computed Ending Balance with Interest **Beginning Balance** (Page 4) (a + b - c)Balance ((a+d) / 2) Interest Interest (d + h) (Page 3) Rate Month \$945 Mar-15 (\$4,701,524) \$231,248 (\$4,931,826)(\$4,816,675) 3.25% 31 (\$13,295) (\$4,945,122)Apr-15 (\$4,945,122) \$391,379 \$176,386 (\$4,730,129) (\$4,837,626) 3.25% 30 (\$12,922) (\$4,743,052) May-15 (\$4,743,052) \$111,512 \$155,860 (\$4,787,399)(\$4,765,226) 3.25% 31 (\$13, 153)(\$4,800,553)Jun-15 (\$4,800,553) \$109,210 (\$3,315,223) (\$4,057,888) 3.25% 30 (\$3,326,062) \$1,594,540 (\$10,840) Jul-15 (\$3,326,062) \$139,980 \$126,983 (\$3,313,065)(\$3,319,563) 3.25% 31 (\$9,163) (\$3,322,227)Aug-15 (\$3,322,227)\$8,598 \$130,718 (\$3,444,347)(\$3,383,287)3.25% 31 (\$9,339) (\$3,453,686)Sep-15 (\$3,453,686) \$0 \$109,804 (\$3,563,490) (\$3,508,588) 3.25% 30 (\$9,372) (\$3,572,862) Oct-15 (\$3,572,862) \$48,027 \$88,967 (\$3,613,803) (\$3,593,333)31 (\$3,623,721) 3.25% (\$9,919) Nov-15 (\$3,623,721) \$850,997 \$91,217 (\$2,863,942) (\$3,243,832) 3.25% 30 (\$8,665) (\$2,872,607) Dec-15 \$0 (\$2,872,607) \$225,266 (\$3,097,873)(\$2,985,240) 3.25% 31 (\$8,240) (\$3,106,113)Jan-16 (\$3,106,113) (\$42,850) \$285,378 (\$3,434,341)(\$3,270,227) 3.25% 31 (\$10,154)(1)(\$3,444,494) Feb-16 (\$3,444,494)\$12,706 \$235,486 (\$3,667,274) (\$3,555,884)3.25% 29 (\$9,157) (\$3,676,431) Total \$3,115,833 \$1,966,522 (\$124,219)

(1) Includes adjustment of (\$1,151) to correct interest due to RECs reclass.

Schedule LSM-3 Page 2 of 5

Itemized Costs for Non-G1 Class Default Service Renewable Portfolio Standard Charge

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| | | | Calculati | Capital | | |
|--------|--------------------------|---------------|----------------|------------|------------------------|-------------------------|
| | (a) | (b) | (c) Working | (d) | (e) | (f) |
| | | Number of | Capital | | | |
| | | Days of Lag / | Requirement | | Supply Related Working | |
| - | Renewable Energy Credits | 365 (1) | (a*b) | Prime Rate | Capital (c * d) | Total Costs (sum a + e) |
| Mar-15 | \$973 | (86.89%) | (\$845) | 3.25% | (\$27) | \$945 |
| Apr-15 | \$402,752 | (86.89%) | (\$349,953) | 3.25% | (\$11,373) | \$391,379 |
| May-15 | \$114,752 | (86.89%) | (\$99,709) | 3.25% | (\$3,241) | \$111,512 |
| Jun-15 | \$1,641,277 | (87.62%) | (\$1,438,074) | 3.25% | (\$46,737) | \$1,594,540 |
| Jul-15 | \$144,083 | (87.62%) | (\$126,244) | 3.25% | (\$4,103) | \$139,980 |
| Aug-15 | \$8,850 | (87.62%) | (\$7,754) | 3.25% | (\$252) | \$8,598 |
| Sep-15 | \$0 | (87.62%) | \$0 | 3.25% | \$0 | \$0 |
| Oct-15 | \$49,434 | (87.62%) | (\$43,314) | 3.25% | (\$1,408) | \$48,027 |
| Nov-15 | \$875,940 | (87.62%) | (\$767,492) | 3.25% | (\$24,943) | \$850,997 |
| Dec-15 | \$0 | (87.62%) | \$0 | 3.37% | \$0 | \$O |
| Jan-16 | (\$44,062)(2) | (87.62%) | \$38,607 | 3.50% | \$1,212 (3) | (\$42,850) |
| Feb-16 | <u>\$13,108</u> | (87.62%) | (\$11,485) | 3.50% | (\$402) | <u>\$12,706</u> |
| Total | \$3,207,108 | | | | (\$91,275) | \$3,115,833 |

(1) For the months Mar 2015-May 2015, number of days lage equals (317.15). Calculated using revenue lag of 49.97 days less cost lead of 367.12 days. Revenue lag per Schedule KG-1, Page 4 of 23 and cost lead per Schedule KG-1, Page 22 of 23, DE 14-061 filed April 4, 2014.

For the months June 2015-February 2016, number of days lag equals (319.81). Calculated using revenue lag of 55.15 days less cost lead of 374.96 days. Revenue lag per Schedule BC-1, Page 4 of 23 and cost lead per Schedule BC-1, Page 22 of 23, DE 15-079 filed April 3, 2015.

(2) Includes (\$62,390.61) to adjust Non-G1 renewable energy credits that should have been allocated to G1.

(3) Includes (\$139.57) to correct working capital for RECs reclass (see note 2).

Unitil Energy Systems, Inc. Non-G1 Class Default Service Renewable Portfolio Standard Charge Revenue

| | (a) | (b) | (c) | (d) | (e) | (f) | (g) | (h) |
|------------------|--|------------------------|---|-------------------------------|---|--|---------------------------------------|------------------------------|
| | Total Non-G1 | | Non C1 Close | | Non-G1 Class | Deverage of | Total Billed Non- | |
| | Class Billed Default Service kWh (1) | Unbilled Factor (2) | Non-G1 Class Unbilled kWh (a * b) | Effective Fixed RPS Charge | Unbilled RPS Charge Revenue (c * d) | Reversal of prior month unbilled | G1 Class RPS Charge Revenue (1) | Total Revenue (e + f + g) |
| Mar-15 | 60,061,145 | 39.53% | 23,744,428 | \$0.00415 | \$98,539 | (\$117,760) | \$250,468 | \$231,248 |
| Apr-15 | 44,830,817 | 47.30% | 21,205,204 | \$0.00415 | \$88,002 | (\$98,539) | \$186,924 | \$176,386 |
| May-15 Jun-15 | 38,832,079 47,394,581 | 50.92% 40.83% | 19,771,573 19,348,866 | \$0.00415 \$0.00218 | \$82,052 \$42,181 | (\$88,002) (\$82,052) | \$161,809 \$149,081 | \$155,860 \$109,210 |
| Jul-15 | 51,147,015 | 51.73% | 26,458,378 | \$0.00218 | \$57,679 | (\$42,181) | \$111,484 | \$126,983 |
| Aug-15 | 58,766,227 | 47.06% | 27,654,348 | \$0.00218 | \$60,286 | (\$57,679) | \$128,110 | \$130,718 |
| Sep-15 | 56,409,940 | 38.32% | 21,614,344 | \$0.00218 | \$47,119 | (\$60,286) | \$122,971 | \$109,804 |
| Oct-15 Nov-15 | 41,273,619 39,914,144 | 51.29% 57.81% | 21,168,140 23,074,501 | \$0.00218 \$0.00218 | \$46,147 \$50,302 | (\$47,119) (\$46,147) | \$89,940 \$87,062 | \$88,967 \$91,217 |
| Dec-15 | 45,954,821 | 50.07% | 23,011,325 | \$0.00218 | \$115,977 | (\$50,302) | \$159,591 | \$225,266 |
| Jan-16 | 52,984,126 | 51.38% | 27,224,031 | \$0.00504 | \$137,209 | (\$115,977) | \$264,146 | \$285,378 |
| Feb-16 | <u>51,788,781</u> | 42.10% | 21,801,401 | \$0.00504 | <u>\$109,879</u> | <u>(\$137,209)</u> | <u>\$262,816</u> | <u>\$235,485.95</u> |
| Total | 589,357,296 | | | | \$935,373 | (\$943,253) | \$1,974,402 | \$1,966,522 |

(1) Per billing system

(2) Detail of Unbilled Factors for the Residential, Regular General, and Outdoor Lighting Classes:

| | Billed kWh | Direct Estimate of Unbilled kWh | Unbilled kWh / Billed kWh |
|--------|---------------|---------------------------------------|------------------------------|
| Mar-15 | 81,790,280 | 32,334,771 | 39.53% |
| Apr-15 | 63,937,600 | 30,242,810 | 47.30% |
| May-15 | 58,185,501 | 29,625,477 | 50.92% |
| Jun-15 | 70,393,511 | 28,738,193 | 40.83% |
| Jul-15 | 75,029,140 | 38,812,613 | 51.73% |
| Aug-15 | 84,596,197 | 39,809,475 | 47.06% |
| Sep-15 | 80,986,606 | 31,031,275 | 38.32% |
| Oct-15 | 60,950,005 | 31,259,635 | 51.29% |
| Nov-15 | 58,634,204 | 33,896,631 | 57.81% |
| Dec-15 | 66,220,512 | 33,159,126 | 50.07% |
| Jan-16 | 75,595,953 | 38,842,323 | 51.38% |
| Feb-16 | 74,359,798 | 31,303,069 | 42.10% |

Itemized Costs for Non-G1 Class Default Service Renewable Portfolio Standard Charge

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| | | | Capital | _ | | |
|--------|--------------------------|---------------|--------------------|------------|------------------------|-------------------------|
| | (a) | (b) | (c) | (d) | (e) | (f) |
| | | | Working | | | |
| | | Number of | Capital | | | |
| | Renewable Energy Credits | Days of Lag / | Requirement | | Supply Related Working | |
| - | (1) | 365 (2) | (a*b) | Prime Rate | Capital (c * d) | Total Costs (sum a + e) |
| Jun-16 | \$192,244 | (70.73%) | (\$135,982) | 3.50% | (\$4,759) | \$187,484 |
| Jul-16 | \$234,775 | (70.73%) | (\$166,066) | 3.50% | (\$5,812) | \$228,962 |
| Aug-16 | \$264,542 | (70.73%) | (\$187,122) | 3.50% | (\$6,549) | \$257,993 |
| Sep-16 | \$222,505 | (70.73%) | (\$157,387) | 3.50% | (\$5,509) | \$216,996 |
| Oct-16 | \$184,231 | (70.73%) | (\$130,315) | 3.50% | (\$4,561) | \$179,670 |
| Nov-16 | <u>\$193,251</u> | (70.73%) | <u>(\$136,695)</u> | 3.50% | <u>(\$4,784)</u> | <u>\$188,467</u> |
| Total | \$1,291,548 | | (\$913,567) | | (\$31,975) | \$1,259,573 |

(1) Schedule LSG-4.

(2) Number of days lag equals (258.18). Calculated using revenue lag of 62.25 days less cost lead of 320.43 days. Revenue lag per Schedule DN-1, Page 4 of 23 and cost lead per Schedule DN-1, Page 22 of 23, DE 16-250 filed April 1, 2016.

Calculation of G1 Large General Service Class Default Service Power Supply Charge

| 1 | Reconciliation (1) | Total <u>Jun16-Nov16</u> (\$101,257) |
|---|---|--|
| 2 | Total Costs excl. wholesale supplier charge (Page 5) | <u>\$22,713</u> |
| 3 | Reconciliation plus Total Costs excl. wholesale supplier charge (L.1 + L.2) | (\$78,544) |
| 4 | kWh Purchases | <u>23,093,855</u> |
| 5 | Total, Before Losses (L.3 / L.4) | (\$0.00340) |
| 6 | Losses | <u>4.591%</u> |
| 7 | Power Supply Charge excl. wholesale supplier charge (L.5 * (1+L.6)) (2) | (\$0.00356) |

(1) Balance as of February 29, 2016 modified, as detailed below, to reflect that current rates (through May 31, 2016) include a credit for the overcollection as of February 28, 2015 and to incorporate the difference between the estimated supplier cost and revenue in March 2016. Figure is then allocated between rate periods (June-November 2016 and December 2016-May 2017) and then to each month, June through November 2016, on equal per kWh basis.

| а | February 29, 2016 actual balance - Schedule LSM-4, Page 2 | | (\$338,784) | |
|-----|--|-------------------------|--------------------|--------|
| b | less: Estimated remaining February 2015 reconciliation - Mar, Apr, May 2016: | | | |
| С | Estimated kWh Sales M | larch-May 2016 | 10,086,188 | |
| d | Amount of reconciliation | n in current rate | <u>(\$0.01081)</u> | |
| е | Estimated amount of reconciliation to be credited M | larch-May 2016 | (\$109,032) | |
| f | less: Estimated overcollection due to difference between the estimated supplier cost and | d revenue in March 2016 | (\$36,228) | |
| g | Total reconciliation for June 1, 2016-May 31, 2017 (line a - line e + line f) | | (\$193,525) | |
| h | kWh purchases forecast June-November 2016 | | 23,093,855 | 52.32% |
| i | kWh purchases forecast December 2016-May 2017 | | 21,043,727 | 47.68% |
| j | Total | | 44,137,582 | |
| k | Reconciliation amount for June-November 2016 (lii | ne g * line h%) | (\$101,257) | |
| - 1 | Reconciliation amount for December 2016-May 2017 (lin | ne g * line i%) | (\$92,268) | |
| т | Total (lin | ne k + line l) | (\$193,525) | |

(2) The total G1 Power Supply Charge will equal the sum of Line 7 plus a wholesale supplier charge which shall be determined at the end of each month. The wholesale supply charges will be determined as the sum of the average ISO-New England real time hourly locational marginal prices for the New Hampshire load zone, weighted by the wholesale hourly kWh volumes of the Company's G1 Default Service customers, and charges for capacity, ancillary services, and other supplier costs established through a competitive bidding process.

| Unitil En | ergy | Systems, | Inc. |
|-----------|------|----------|------|
|-----------|------|----------|------|

Reconciliation of G1 Class Power Supply Charge Costs and Revenues

| | (a) | (b) | (C) | (d) Ending | (e) | (f) | (g) | (h) | (i) |
|--------|-------------|-------------------|---------------|---------------|-------------|---------------|--------------|----------------|------------------|
| | | | | Balance | Average | | | | |
| | | | | Before | Monthly | | | | Ending Balance |
| | Beginning | Total Costs (Page | Total Revenue | Interest | Balance | | Number of | Computed | with Interest (d |
| | Balance | 3) | (Page 4) | (a + b - c) | ((a+d) / 2) | Interest Rate | Days / Month | Interest | + h) |
| Mar-15 | (\$310,722) | \$276,095 | \$435,284 | (\$469,910) | (\$390,316) | 3.25% | 31 | (\$1,077) | (\$470,988) |
| Apr-15 | (\$470,988) | \$151,101 | \$322,325 | (\$642,212) | (\$556,600) | 3.25% | 30 | (\$1,487) | (\$643,699) |
| May-15 | (\$643,699) | \$165,620 | \$163,230 | (\$641,309) | (\$642,504) | 3.25% | 31 | (\$1,761)(1) | (\$643,070) |
| Jun-15 | (\$643,070) | \$190,479 | \$146,434 | (\$599,026) | (\$621,048) | 3.25% | 30 | (\$1,659) | (\$600,685) |
| Jul-15 | (\$600,685) | \$23,641 | \$173,784 | (\$750,828) | (\$675,756) | 3.25% | 31 | (\$1,865) | (\$752,693) |
| Aug-15 | (\$752,693) | \$696,950 | \$199,989 | (\$255,732) | (\$504,213) | 3.25% | 31 | (\$1,392) | (\$257,124) |
| Sep-15 | (\$257,124) | \$14,603 | \$223,755 | (\$466,276) | (\$361,700) | 3.25% | 30 | (\$966) | (\$467,243) |
| Oct-15 | (\$467,243) | \$194,551 | \$166,831 | (\$439,523) | (\$453,383) | 3.25% | 31 | (\$1,251) | (\$440,774) |
| Nov-15 | (\$440,774) | \$173,545 | \$139,021 | (\$406,251) | (\$423,513) | 3.25% | 30 | (\$1,131) | (\$407,383) |
| Dec-15 | (\$407,383) | \$120,411 | \$117,418 | (\$404,390) | (\$405,886) | 3.25% | 31 | (\$1,120) | (\$405,510) |
| Jan-16 | (\$405,510) | \$86,714 | \$90,164 | (\$408,960) | (\$407,235) | 3.25% | 31 | (\$1,121) | (\$410,081) |
| Feb-16 | (\$410,081) | \$194,970 | \$122,711 | (\$337,821) | (\$373,951) | 3.25% | 29 | <u>(\$963)</u> | (\$338,784) |
| Total | | | | | | | | (\$15,795) | |

(1) Includes \$12 to adjust interest due to change in method of recording NHPUC Annual Assessment, effective July 2014.

Schedule LSM-4

Page 2 of 5

Redacted

Unitil Energy Systems, Inc. Itemized Costs for G1 Class Default Service Power Supply Charge

| | | | Suppli | Calculation of | 0, | | | | | | | |
|--------|----------------|-------------|-------------|----------------|------------|-----------------|---------------|-----------------|------------|-------------------|------------------------|--------------------|
| | (a) | (b) | (c) | (d) | (e) | (f) | (g) | (h) Internal | (i) | (j) | (k) Default Service | (I) |
| | Total G1 Class | GIS | Number of | Working | | Supply Related | Provision for | Company | | Consulting | Portion of the | Total Costs |
| | DS Supplier | Support | Days of Lag | Capital | | Working Capital | Uncollected | Administrative | Legal | Outside Service | annual PUC | (sum a + b + f + |
| | Charges | Payments | / 365 (1) | Requirement | Prime Rate | (d * e) | Accounts | Costs | Charges | Charges | Assessment | g + h + i + j + k) |
| May 45 | | # 00 | (1.00%) | | 0.05% | | | \$2,400 | (\$4) | \$ 0 | \$ 0 | \$070 00F |
| Mar-15 | | \$36 | (1.38%) | | 3.25% | | | \$3,498 | (\$1) | \$0 | \$0 | \$276,095 |
| Apr-15 | | \$33 | (1.38%) | | 3.25% | | | \$3,498 | \$0 | \$0 | \$0 | \$151,101 |
| May-15 | | \$42 | (1.38%) | | 3.25% | | | \$3,498 | \$0 | \$0 | \$782 | \$165,620 |
| Jun-15 | | \$30 | (2.53%) | | 3.25% | | | \$3,498 | \$10 | \$0 | \$59 | \$190,479 |
| Jul-15 | | \$30 | (2.53%) | | 3.25% | | | \$3,498 | \$0 | \$0 | \$56 | \$23,641 |
| Aug-15 | | \$64 | (2.53%) | | 3.25% | | | \$3,498 | \$45 | \$0 | \$53 | \$696,950 |
| Sep-15 | | \$36 | (2.53%) | | 3.25% | | | \$3,498 | \$32 | \$0 | \$55 | \$14,603 |
| Oct-15 | | \$44 | (2.53%) | | 3.25% | | | \$3,498 | \$11 | \$0 | \$65 | \$194,551 |
| Nov-15 | | \$36 | (2.53%) | | 3.25% | | | \$3,498 | \$0 | \$0 | \$56 | \$173,545 |
| Dec-15 | | \$26 | (2.53%) | | 3.37% | | | \$3,772 | \$30 | \$0 | \$51 | \$120,411 |
| Jan-16 | | \$23 | (2.53%) | | 3.50% | | | \$3,772 | \$0 | \$0 | \$45 | \$86,714 |
| Feb-16 | | <u>\$28</u> | (2.53%) | | 3.50% | | | \$3,772 | <u>\$0</u> | | \$42 | \$194,970 |
| Total | | \$427 | () | | | | | \$42,796 | \$127 | <u>\$0</u> \$0 | \$1,264 | \$2,288,680 |

(1) For the months Mar-May 2015, number of days lag equals (5.05). Calculated using revenue lag of 36.31 days less cost lead of 41.36 days. Revenue lag per Schedule KG-1, Page 4 of 23 and cost For the months June 2015-February 2016, number of days lag equals (9.24). Calculated using revenue lag of 40.41 days less cost lead of 49.65 days. Revenue lag per Schedule BC-1, Page 4 of 23 (2) Represents July 2014-May 2015 G1 portion of the annual NHPUC assessment allocated to Default Service (total for year for Non-G1 and G1 to Default Service equals \$10,000).

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| Uni | itil | Energy | Syst | ems, | Inc. | |
|-----|------|--------|------|------|------|--|
| | | | | | | |

G1 Class Default Service Power Supply Charge Revenue

Schedule LSM-4 Page 4 of 5

| | (a) | (b) | (c) | (d) | (e) | (f) | (g) | (h) |
|--------|------------------|-----------------|--------------|----------------|---------------------|-------------------|------------------|------------------|
| | | | 04.01 | | | | Total Billed G1 | |
| | Total G1 Class | | G1 Class | Effective | G1 Class Unbilled | | Class Power | |
| | Billed Default | Unbilled Factor | Unbilled kWh | Variable Power | Power Supply Charge | Reversal of prior | Supply Charge | Total Revenue |
| | Service kWh (1) | (2) | (a * b) | Supply Charge | Revenue (c * d) | month unbilled | Revenue (1) | (e + f + g) |
| Mar-15 | 3.621.671 | 41.17% | 1,491,210 | \$0.13012 | \$194,036 | (\$159,496) | \$400,744 | \$435,284 |
| Apr-15 | 2,939,781 | 52.33% | 1,538,258 | \$0.10767 | \$165,624 | (\$194,036) | \$350,737 | \$322,325 |
| | , , | | , , | | | | , | |
| May-15 | 3,183,674 | 45.11% | 1,436,285 | \$0.05490 | \$78,852 | (\$165,624) | \$250,003 | \$163,230.45 |
| Jun-15 | 3,632,035 | 41.55% | 1,509,077 | \$0.03825 | \$57,722 | (\$78,852) | \$167,564 | \$146,434 |
| Jul-15 | 3,690,182 | 44.23% | 1,632,289 | \$0.04580 | \$74,759 | (\$57,722) | \$156,748 | \$173,784 |
| Aug-15 | 4,020,361 | 44.93% | 1,806,535 | \$0.04776 | \$86,280 | (\$74,759) | \$188,468 | \$199,989 |
| Sep-15 | 4,002,794 | 47.17% | 1,888,111 | \$0.05373 | \$101,448 | (\$86,280) | \$208,587 | \$223,755 |
| Oct-15 | 3,463,480 | 49.40% | 1,711,089 | \$0.05226 | \$89,422 | (\$101,448) | \$178,858 | \$166,831 |
| Nov-15 | 2,858,363 | 53.99% | 1,543,177 | \$0.05173 | \$79,829 | (\$89,422) | \$148,614 | \$139,021 |
| Dec-15 | 2,996,345 | 48.92% | 1,465,766 | \$0.03985 | \$58,411 | (\$79,829) | \$138,836 | \$117,418 |
| Jan-16 | 2,998,104 | 48.65% | 1,458,588 | \$0.02966 | \$43,262 | (\$58,411) | \$105,313 | \$90,164 |
| Feb-16 | <u>2,751,717</u> | 44.80% | 1,232,848 | \$0.04835 | <u>\$59,608</u> | <u>(\$43,262)</u> | <u>\$106,365</u> | <u>\$122,711</u> |
| Total | 40,158,507 | | | | \$1,089,253 | (\$1,189,140) | \$2,400,836 | \$2,300,948 |

(1) Per billing system(2) Detail of Unbilled Factors for the Large General Class:

| | | Direct | |
|--------|------------|--------------|----------------|
| | Billed | Estimate of | Unbilled kWh / |
| | kWh | Unbilled kWh | Billed kWh |
| Mar-15 | 29,020,863 | 11,949,237 | 41.17% |
| Apr-15 | 27,201,775 | 14,233,487 | 52.33% |
| May-15 | 27,707,424 | 12,499,945 | 45.11% |
| Jun-15 | 32,102,051 | 13,338,105 | 41.55% |
| Jul-15 | 31,726,120 | 14,033,507 | 44.23% |
| Aug-15 | 33,456,531 | 15,033,572 | 44.93% |
| Sep-15 | 33,623,423 | 15,860,105 | 47.17% |
| Oct-15 | 28,903,562 | 14,279,443 | 49.40% |
| Nov-15 | 27,878,010 | 15,050,824 | 53.99% |
| Dec-15 | 27,665,788 | 13,533,680 | 48.92% |
| Jan-16 | 27,997,237 | 13,620,752 | 48.65% |
| Feb-16 | 29,556,063 | 13,241,964 | 44.80% |

Itemized Costs for G1 Class Default Service Power Supply Charge

| | Calculation of Working Capital | | | | | | | | | | | |
|--------|--------------------------------|-------------|-------------|----------------|---------------|-----------------|---------------|-----------------|------------|-----------------|------------------------|--------------------|
| | | | Suppli | er Charges and | d GIS Support | Payments | | | | | | |
| | (a) | (b) | (c) | (d) Working | (e) | (f) | (g) | (h) Internal | (i) | (j) | (k) Default Service | (I) |
| | Total G1 Class | GIS | Number of | Capital | | Supply Related | Provision for | Company | | Consulting | Portion of the | Total Costs |
| | DS Supplier | Support | Days of Lag | Requirement | | Working Capital | Uncollected | Administrative | Legal | Outside Service | annual PUC | (sum a + b + f + |
| | Charges (1) | Payments | / 365 (2) | (3) | Prime Rate | (d * e) | Accounts | Costs | Charges | Charges | Assessment | g + h + i + j + k) |
| Jun-16 | | \$32 | (1.33%) | (\$1,020) | 3.50% | (\$60) | 0.2 | \$3,772 | \$0 | \$0 | \$56 | \$3,791 |
| | | | () | (\$1,930) | | (\$68) | \$0 \$0 | . , | | | | |
| Jul-16 | | \$32 | (1.33%) | (\$2,460) | 3.50% | (\$86) | \$0 | \$3,772 | \$0 | \$0 | \$56 | \$3,773 |
| Aug-16 | | \$35 | (1.33%) | (\$2,311) | 3.50% | (\$81) | \$0 | \$3,772 | \$0 | \$0 | \$56 | \$3,782 |
| Sep-16 | | \$32 | (1.33%) | (\$1,981) | 3.50% | (\$69) | \$0 | \$3,772 | \$0 | \$0 | \$56 | \$3,790 |
| Oct-16 | | \$28 | (1.33%) | (\$1,860) | 3.50% | (\$65) | \$0 | \$3,772 | \$0 | \$0 | \$56 | \$3,790 |
| Nov-16 | | <u>\$29</u> | (1.33%) | (\$2,007) | 3.50% | <u>(\$70)</u> | <u>\$0</u> | <u>\$3,772</u> | <u>\$0</u> | <u>\$0</u> | <u>\$56</u> | <u>\$3,786</u> |
| Total | | \$188 | | | | (\$439) | \$0 | \$22,630 | \$0 | \$0 | \$335 | \$22,713 |

(1) DS Supplier Charges to be determined at the end of each month.

(2) Number of days lag equals (4.87). Calculated using revenue lag of 42.88 days less cost lead of 47.75 days. Revenue lag per Schedule DN-1, Page 4 of 23 and cost lead per Schedule DN-1, Page 20 of 23, DE 16-250 filed April 1, 2016.

(3) The working capital requirement equals the supplier charge plus GIS Support payment times the number of days lag divided by 365. As the G1 class supplier charge is not determined using a contract price, estimates of the G1 class power supply costs were calculated based on the forecasted G1 class kWh purchases and an estimated price per kWh. The estimated price per kWh was determined by comparing a historical relationship between G1 and Non-G1 class supplier pricing and then applying that relationship to the current average Non-G1 supplier price per kWh. Actual working capital will be determined using the actual supplier charges in each month.

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Calculation of G1 Class Default Service Renewable Portfolio Standard (RPS) Charge

| | | Jun-16 | Jul-16 | Aug-16 | Sep-16 | Oct-16 | Nov-16 | |
|---|---|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|--------------------------|
| 1 | Reconciliation (1) | Estimated \$1,893 | Estimated \$2,075 | Estimated \$2,110 | Estimated \$2,015 | Estimated \$1,865 | Estimated \$1,788 | <u>Total</u> \$11,744 |
| 2 | Total Costs (Page 5) | <u>\$14,531</u> | <u>\$15,934</u> | <u>\$16,197</u> | <u>\$15,467</u> | <u>\$14,316</u> | <u>\$13,725</u> | <u>\$90,170</u> |
| 3 | Reconciliation plus Total Costs (L.1 + L.2) | \$16,424 | \$18,009 | \$18,306 | \$17,482 | \$16,181 | \$15,512 | \$101,915 |
| 4 | kWh Purchases | <u>3,721,650</u> | <u>4,080,920</u> | <u>4,148,210</u> | <u>3,961,399</u> | 3,666,624 | <u>3,515,052</u> | 23,093,855 |
| 5 | Total, Before Losses (L.3 / L.4) | \$0.00441 | \$0.00441 | \$0.00441 | \$0.00441 | \$0.00441 | \$0.00441 | |
| 6 | Losses | <u>4.591%</u> | <u>4.591%</u> | <u>4.591%</u> | <u>4.591%</u> | <u>4.591%</u> | <u>4.591%</u> | |
| 7 | Total Retail Rate - Variable RPS Charge (L.5 * (1+L.6)) | \$0.00462 | \$0.00462 | \$0.00462 | \$0.00462 | \$0.00462 | \$0.00462 | |

(1) Balance as of February 29, 2016 modified, as detailed below, to reflect that current rates (through May 31, 2016) include a credit for the overcollection as of February 28, 2015 and to reflect accruals for RPS. Figure is then allocated between rate periods (June-November 2016 and December 2016-May 2017) and then to each month, June through November 2016, on equal per kWh basis.

| a February 29, 2016 actual balance - Schedule LSM-5, Page 2 | | (\$271,849) | | | |
|--|---------------------------|-----------------|--------|--|--|
| b less: Estimated remaining prior period reconciliation - Mar, Ap | or, May 2016: | | | | |
| c Estimated kW | h Sales Mar-May 2016 | 10,086,188 | | | |
| d Amount of recor | ciliation in current rate | (\$0.00202) | | | |
| e Estimated amount of reconci | liation - Mar-May 2016 | (\$20,374) | | | |
| f plus: G1 Class RPS amounts included in rate filings,Mar 201 | 5-Feb 2016 | \$362,334 | | | |
| g less: G1 Class RPS amounts, CY 2015 requirement, purchas | \$88,411 | | | | |
| h Net G1 Class RPS amounts included in rate filings, Mar 2015 | -Feb 2016 | \$273,922 | | | |
| <i>i</i> Total reconciliation for June 1, 2016-May 31, 2017 (line a - Li | ne e + line h) | \$22,447 | | | |
| j kWh purchases forecast June-November 2016 | | 23,093,855 | 52.32% | | |
| k kWh purchases forecast December 2016-May 2017 | | 21,043,727 | 47.68% | | |
| / Total | | 44,137,582 | | | |
| m Reconciliation amount for June-November 2016 | (line i * line j%) | \$11,744 | | | |
| n Reconciliation amount for December 2016-May 2017 | (line i * line k%) | <u>\$10,703</u> | | | |
| o Total | (line m + line n) | \$22,447 | | | |

Unitil Energy Systems, Inc. Reconciliation of G1 Class RPS Costs and Revenues Schedule LSM-5 Page 2 of 5

| | (a) | (b) | (c) | (d) Ending Balance | (e) | (f) | (g) Number of | (h) | (i) |
|--------|-------------------|-------------|---------------|-----------------------------------|--|------------------|---------------------|----------------------|---|
| | | Total Costs | Total Revenue | Ending Balance Before Interest | Average Monthly | Interest | Number of Days / | Computed | Ending Polonoo with |
| | Beginning Balance | (Page 3) | (Page 4) | (a + b - c) | Average Monthly Balance ((a+d) / 2) | Interest Rate | Month | Computed Interest | Ending Balance with Interest (d + h) |
| Mar-15 | (\$430,408) | \$75 | \$13,352 | (\$443,685) | (\$437,046) | 3.25% | 31 | (\$1,206) | (\$444,891) |
| Apr-15 | (\$444,891) | \$31,104 | \$11,373 | (\$425,160) | (\$435,026) | 3.25% | 30 | (\$1,200) | (\$426,322) |
| May-15 | (\$426,322) | \$8,873 | \$13,083 | (\$430,533) | (\$428,427) | 3.25% | 31 | (\$1,183) | (\$431,715) |
| • | | | | · · · · | , | | | | |
| Jun-15 | (\$431,715) | \$111,442 | \$10,107 | (\$330,380) | (\$381,048) | 3.25% | 30 | (\$1,018) | (\$331,398) |
| Jul-15 | (\$331,398) | \$11,146 | \$9,991 | (\$330,242) | (\$330,820) | 3.25% | 31 | (\$913) | (\$331,156) |
| Aug-15 | (\$331,156) | \$685 | \$10,990 | (\$341,461) | (\$336,308) | 3.25% | 31 | (\$928) | (\$342,389) |
| Sep-15 | (\$342,389) | \$0 | \$10,562 | (\$352,951) | (\$347,670) | 3.25% | 30 | (\$929) | (\$353,880) |
| Oct-15 | (\$353,880) | \$3,820 | \$8,749 | (\$358,809) | (\$356,345) | 3.25% | 31 | (\$984) | (\$359,793) |
| Nov-15 | (\$359,793) | \$67,786 | \$7,049 | (\$299,056) | (\$329,424) | 3.25% | 30 | (\$880) | (\$299,936) |
| Dec-15 | (\$299,936) | \$0 | \$4,702 | (\$304,638) | (\$302,287) | 3.25% | 31 | (\$834) | (\$305,472) |
| Jan-16 | (\$305,472) | \$61,995 | \$15,535 | (\$259,012) | (\$282,242) | 3.25% | 31 | \$373 (1) | (\$258,639) |
| Feb-16 | (\$258,639) | \$1,012 | \$13,540 | (\$271,167) | (\$264,903) | 3.25% | 29 | (\$682) | (\$271,849) |
| Total | | · · | | | | | | (\$10,346) | |

(1) Includes adjustment of \$1,150 to correct interest due to RECs reclass.

Unitil Energy Systems, Inc. Itemized Costs for G1 Class Default Service Renewable Portfolio Standard Charge

| | | | Calculati | Capital | | | |
|--------|--------------------------|---------------|-------------|------------|------------------------|-------------------------|--|
| | (a) | (b) | (c) | (d) | (e) | (f) | |
| | | | Working | | | | |
| | | Number of | Capital | | | | |
| | | Days of Lag / | Requirement | | Supply Related Working | | |
| - | Renewable Energy Credits | 365 (1) | (a*b) | Prime Rate | Capital (c * d) | Total Costs (sum a + e) | |
| Mar-15 | \$77 | (91.18%) | (\$70) | 3.25% | (\$2) | \$75 | |
| Apr-15 | \$32,054 | (91.18%) | (\$29,226) | 3.25% | (\$950) | \$31,104 | |
| May-15 | \$9,144 | (91.18%) | (\$8,337) | 3.25% | (\$271) | \$8,873 | |
| Jun-15 | \$114,746 | (88.59%) | (\$101,655) | 3.25% | (\$3,304) | \$111,442 | |
| Jul-15 | \$11,477 | (88.59%) | (\$10,168) | 3.25% | (\$330) | \$11,146 | |
| Aug-15 | \$705 | (88.59%) | (\$625) | 3.25% | (\$20) | \$685 | |
| Sep-15 | \$ 0 | (88.59%) | \$0 | 3.25% | \$0 | \$0 | |
| Oct-15 | \$3,933 | (88.59%) | (\$3,485) | 3.25% | (\$113) | \$3,820 | |
| Nov-15 | \$69,795 | (88.59%) | (\$61,833) | 3.25% | (\$2,010) | \$67,786 | |
| Dec-15 | \$ 0 | (88.59%) | \$0 | 3.37% | \$0 | \$0 | |
| Jan-16 | \$63,847 (2) | (88.59%) | (\$56,563) | 3.50% | (\$1,852)(3) | \$61,995 | |
| Feb-16 | <u>\$1,044</u> | (88.59%) | (\$925) | 3.50% | <u>(\$32)</u> | <u>\$1,012</u> | |
| Total | \$306,822 | | | | (\$8,885) | \$297,938 | |

(1) For the months Mar-May 2015, number of days lag equals (332.80). Calculated using revenue lag of 36.31 days less cost lead of 369.11 days. Revenue lag per Schedule KG-1, Page 4 of 23 and cost lead per Schedule KG-1, Page 20 of 23, DE 14-061 filed April 4, 2014.

For the months June 2015-February 2016, number of days lag equals (323.36). Calculated using revenue lag of 40.41 days less cost lead of 363.77 days. Revenue lag per Schedule BC-1, Page 4 of 23 and cost lead per Schedule BC-1, Page 20 of 23, DE 15-079 filed April 3, 2015.

(2) Includes \$62,390.61 to adjust Non-G1 renewable energy credits that should have been allocated to G1.

(3) Includes \$127.89 to correct working capital for RECs reclass (see note 2).

Unitil Energy Systems, Inc. G1 Class Default Service Renewable Portfolio Standard Charge Revenue

| Schedule LSM-5 |
|----------------|
| Page 4 of 5 |

| | (a) | (b) | (c) | (d) | (e) | (f) | (g) | (h) |
|--------|---|------------------------|----------------------------------|-------------------------------------|--|----------------------------------|--|------------------------------|
| | Total G1 Class Billed Default Service kWh (1) | Unbilled Factor (2) | G1 Class Unbilled kWh (a * b) | Effective Variable RPS Charge | G1 Class Unbilled RPS Charge Revenue (c * d) | Reversal of prior month unbilled | Total Billed G1 Class RPS Charge Revenue (1) | Total Revenue (e + f + g) |
| Mar-15 | 3,621,671 | 41.17% | 1,491,210 | \$0.00403 | \$6,010 | (\$7,253) | \$14,595 | \$13,352 |
| Apr-15 | 2,939,781 | 52.33% | 1,538,258 | \$0.00403 | \$6,199 | (\$6,010) | \$11,184 | \$11,373 |
| May-15 | 3,183,674 | 45.11% | 1,436,285 | \$0.00403 | \$5,788 | (\$6,199) | \$13,494 | \$13,083 |
| Jun-15 | 3,632,035 | 41.55% | 1,509,077 | \$0.00262 | \$3,954 | (\$5,788) | \$11,941 | \$10,107 |
| Jul-15 | 3,690,182 | 44.23% | 1,632,289 | \$0.00262 | \$4,277 | (\$3,954) | \$9,668 | \$9,991 |
| Aug-15 | 4,020,361 | 44.93% | 1,806,535 | \$0.00262 | \$4,733 | (\$4,277) | \$10,533 | \$10,990 |
| Sep-15 | 4,002,794 | 47.17% | 1,888,111 | \$0.00262 | \$4,947 | (\$4,733) | \$10,348 | \$10,562 |
| Oct-15 | 3,463,480 | 49.40% | 1,711,089 | \$0.00262 | \$4,483 | (\$4,947) | \$9,213 | \$8,749 |
| Nov-15 | 2,858,363 | 53.99% | 1,543,177 | \$0.00262 | \$4,043 | (\$4,483) | \$7,489 | \$7,049 |
| Dec-15 | 2,996,345 | 48.92% | 1,465,766 | \$0.00158 | \$2,316 | (\$4,043) | \$6,429 | \$4,702 |
| Jan-16 | 2,998,104 | 48.65% | 1,458,588 | \$0.00538 | \$7,847 | (\$2,316) | \$10,004 | \$15,535 |
| Feb-16 | <u>2,751,717</u> | 44.80% | 1,232,848 | \$0.00538 | <u>\$6,633</u> | (\$7,847) | \$14,755 | <u>\$13,540</u> |
| Total | 40,158,507 | | | | \$61,229 | (\$61,850) | | \$129,033 |

(1) Per billing system(2) Detail of Unbilled Factors for the Large General Class:

| | | Direct | |
|--------|------------|--------------|----------------|
| | Billed | Estimate of | Unbilled kWh / |
| | kWh | Unbilled kWh | Billed kWh |
| Mar-15 | 29,020,863 | 11,949,237 | 41.17% |
| Apr-15 | 27,201,775 | 14,233,487 | 52.33% |
| May-15 | 27,707,424 | 12,499,945 | 45.11% |
| Jun-15 | 32,102,051 | 13,338,105 | 41.55% |
| Jul-15 | 31,726,120 | 14,033,507 | 44.23% |
| Aug-15 | 33,456,531 | 15,033,572 | 44.93% |
| Sep-15 | 33,623,423 | 15,860,105 | 47.17% |
| Oct-15 | 28,903,562 | 14,279,443 | 49.40% |
| Nov-15 | 27,878,010 | 15,050,824 | 53.99% |
| Dec-15 | 27,665,788 | 13,533,680 | 48.92% |
| Jan-16 | 27,997,237 | 13,620,752 | 48.65% |
| Feb-16 | 29,556,063 | 13,241,964 | 44.80% |

Unitil Energy Systems, Inc. Itemized Costs for G1 Class Default Service Renewable Portfolio Standard Charge

| | | Calculation of Working Capital | | | | | | | | |
|--------|--------------------------|--------------------------------|-------------|------------|-------------------------|-------------------------|--|--|--|--|
| | (a) | (b) | (c) | (d) | (e) | (f) | | | | |
| | | | Working | | | | | | | |
| | | Number of | Capital | | Oursely, Deleted Miedia | | | | | |
| | Renewable Energy Credits | Days of Lag / | Requirement | | Supply Related Working | | | | | |
| - | (1) | 365 (2) | (a*b) | Prime Rate | Capital (c * d) | Total Costs (sum a + e) | | | | |
| Jun-16 | \$14,930 | (76.34%) | (\$11,398) | 3.50% | (\$399) | \$14,531 | | | | |
| Jul-16 | \$16,371 | (76.34%) | (\$12,498) | 3.50% | (\$437) | \$15,934 | | | | |
| Aug-16 | \$16,641 | (76.34%) | (\$12,704) | 3.50% | (\$445) | \$16,197 | | | | |
| Sep-16 | \$15,892 | (76.34%) | (\$12,132) | 3.50% | (\$425) | \$15,467 | | | | |
| Oct-16 | \$14,709 | (76.34%) | (\$11,229) | 3.50% | (\$393) | \$14,316 | | | | |
| Nov-16 | <u>\$14,101</u> | (76.34%) | (\$10,765) | 3.50% | <u>(\$377)</u> | <u>\$13,725</u> | | | | |
| Total | \$92,646 | | | | (\$2,475) | \$90,170 | | | | |

(1) Schedule LSG-4.

(2) Number of days lag equals (278.64). Calculated using revenue lag of 42.88 days less cost lead of 321.52 days. Revenue lag per Schedule DN-1, Page 4 of 23 and cost lead per Schedule DN-1, Page 20 of 23, DE 16-250 filed April 1, 2016.

Unitil Energy Systems, Inc. Typical Bill Impacts by Rate Component

Residential Rate D 634 kWh Bill

| | 4/1/2016 | 6/1/2016 | | | | | % |
|--------------------------|---------------|------------------|--------------------|----------------|------------------|------------------|-----------------------------|
| Rate Components | Current Rate | As Revised | Difference | Current Bill* | As Revised Bill* | Difference | Difference to Total Bill |
| Customer Charge | \$10.27 | \$10.27 | \$0.00 | \$10.27 | \$10.27 | \$0.00 | 0.0% |
| | <u>\$/kWh</u> | <u>\$/kWh</u> | | | | | |
| Distribution Charge | | | | | | | |
| First 250 kWh | \$0.03404 | \$0.03404 | \$0.00000 | \$8.51 | \$8.51 | \$0.00 | 0.0% |
| Excess 250 kWh | \$0.03904 | \$0.03904 | \$0.00000 | \$14.99 | \$14.99 | \$0.00 | 0.0% |
| External Delivery Charge | \$0.02131 | \$0.02131 | \$0.00000 | \$13.51 | \$13.51 | \$0.00 | 0.0% |
| Stranded Cost Charge | \$0.00018 | \$0.00018 | \$0.00000 | \$0.11 | \$0.11 | \$0.00 | 0.0% |
| Storm Recovery Adj. | \$0.00221 | \$0.00221 | \$0.00000 | \$1.40 | \$1.40 | \$0.00 | 0.0% |
| System Benefits Charge | \$0.00330 | \$0.00330 | \$0.00000 | \$2.09 | \$2.09 | \$0.00 | 0.0% |
| Default Service Charge | \$0.09409 | <u>\$0.05978</u> | <u>(\$0.03431)</u> | <u>\$59.65</u> | \$37.90 | <u>(\$21.75)</u> | (19.7%) |
| First 250 kWh | \$0.15513 | \$0.12082 | (\$0.03431) | | | | |
| Excess 250 kWh | \$0.16013 | \$0.12582 | (\$0.03431) | | | | |
| Total Bill | | | | \$110.54 | \$88.79 | (\$21.75) | (19.7%) |

| | Regular Genera | I G2 Demand, | 11 kW, 2,800 k | Wh Typical Bil | <u>l</u> | | |
|--------------------------|----------------|---------------|----------------|----------------|------------------|---------------|-----------------------------|
| | 4/1/2016 | 6/1/2016 | | | | | % |
| Rate Components | Current Rate | As Revised | Difference | Current Bill* | As Revised Bill* | Difference | Difference to Total Bill |
| Customer Charge | \$18.41 | \$18.41 | \$0.00 | \$18.41 | \$18.41 | \$0.00 | 0.0% |
| | <u>All kW</u> | <u>All kW</u> | | | | | |
| Distribution Charge | \$10.31 | \$10.31 | \$0.00 | \$113.41 | \$113.41 | \$0.00 | 0.0% |
| Stranded Cost Charge | <u>\$0.04</u> | <u>\$0.04</u> | <u>\$0.00</u> | <u>\$0.44</u> | <u>\$0.44</u> | <u>\$0.00</u> | <u>0.0%</u> |
| Total | \$10.35 | \$10.35 | \$0.00 | \$113.85 | \$113.85 | \$0.00 | 0.0% |
| | <u>\$/kWh</u> | <u>\$/kWh</u> | | | | | |
| Distribution Charge | \$0.00000 | \$0.00000 | \$0.00000 | \$0.00 | \$0.00 | \$0.00 | 0.0% |
| External Delivery Charge | \$0.02131 | \$0.02131 | \$0.00000 | \$59.67 | \$59.67 | \$0.00 | 0.0% |
| Stranded Cost Charge | \$0.00004 | \$0.00004 | \$0.00000 | \$0.11 | \$0.11 | \$0.00 | 0.0% |
| Storm Recovery Adj. | \$0.00221 | \$0.00221 | \$0.00000 | \$6.19 | \$6.19 | \$0.00 | 0.0% |
| System Benefits Charge | \$0.00330 | \$0.00330 | \$0.00000 | \$9.24 | \$9.24 | \$0.00 | 0.0% |
| Default Service Charge | \$0.09131 | \$0.05860 | (\$0.03271) | \$255.67 | \$164.08 | (\$91.59) | <u>(19.8%)</u> |
| Total | \$0.11817 | \$0.08546 | (\$0.03271) | \$330.88 | \$239.29 | (\$91.59) | (19.8%) |
| Total E | Bill | | . , | \$463.14 | \$371.55 | (\$91.59) | (19.8%) |

* Comparison isolates the impact of changes to the Default Service Rate only. Impacts do not include the Electricity Consumption Tax.

Unitil Energy Systems, Inc. Typical Bill Impacts by Rate Component

| Regular General | Regular General G2 Quick Recovery Water Heating and Space Heating 1,620 kWh Typical Bill | | | | | | | | | | | |
|--------------------------|--|------------------|--------------------|-----------------|------------------|-------------------|--------------------|--|--|--|--|--|
| | 4/1/2016 | 6/1/2016 | | | | | % Difference to | | | | | |
| Rate Components | Current Rate | As Revised | <u>Difference</u> | Current Bill* | As Revised Bill* | <u>Difference</u> | <u>Total Bill</u> | | | | | |
| Customer Charge | \$6.25 | \$6.25 | \$0.00 | \$6.25 | \$6.25 | \$0.00 | 0.0% | | | | | |
| | <u>\$/kWh</u> | <u>\$/kWh</u> | | | | | | | | | | |
| Distribution Charge | \$0.03073 | \$0.03073 | \$0.00000 | \$49.78 | \$49.78 | \$0.00 | 0.0% | | | | | |
| External Delivery Charge | \$0.02131 | \$0.02131 | \$0.00000 | \$34.52 | \$34.52 | \$0.00 | 0.0% | | | | | |
| Stranded Cost Charge | \$0.00018 | \$0.00018 | \$0.00000 | \$0.29 | \$0.29 | \$0.00 | 0.0% | | | | | |
| Storm Recovery Adj. | \$0.00221 | \$0.00221 | \$0.00000 | \$3.58 | \$3.58 | \$0.00 | 0.0% | | | | | |
| System Benefits Charge | \$0.00330 | \$0.00330 | \$0.00000 | \$5.35 | \$5.35 | \$0.00 | 0.0% | | | | | |
| Default Service Charge | <u>\$0.09131</u> | <u>\$0.05860</u> | <u>(\$0.03271)</u> | <u>\$147.92</u> | <u>\$94.93</u> | <u>(\$52.99)</u> | <u>(21.4%)</u> | | | | | |
| Total | \$0.14904 | \$0.11633 | (\$0.03271) | \$241.44 | \$188.45 | (\$52.99) | (21.4%) | | | | | |
| Total Bill | | | | \$247.69 | \$194.70 | (\$52.99) | (21.4%) | | | | | |

| Regular General G2 kWh Meter 125 kWh Typical Bill | | | | | | | | | | |
|---|------------------|---------------|--------------------|----------------|------------------|-------------------|--------------------|--|--|--|
| | 4/1/2016 | 6/1/2016 | | | | | % Difference to | | | |
| Rate Components | Current Rate | As Revised | <u>Difference</u> | Current Bill* | As Revised Bill* | <u>Difference</u> | Total Bill | | | |
| Customer Charge | \$13.94 | \$13.94 | \$0.00 | \$13.94 | \$13.94 | \$0.00 | 0.0% | | | |
| | <u>\$/kWh</u> | <u>\$/kWh</u> | | | | | | | | |
| Distribution Charge | \$0.03211 | \$0.03211 | \$0.00000 | \$4.01 | \$4.01 | \$0.00 | 0.0% | | | |
| External Delivery Charge | \$0.02131 | \$0.02131 | \$0.00000 | \$2.66 | \$2.66 | \$0.00 | 0.0% | | | |
| Stranded Cost Charge | \$0.00018 | \$0.00018 | \$0.00000 | \$0.02 | \$0.02 | \$0.00 | 0.0% | | | |
| Storm Recovery Adj. | \$0.00221 | \$0.00221 | \$0.00000 | \$0.28 | \$0.28 | \$0.00 | 0.0% | | | |
| System Benefits Charge | \$0.00330 | \$0.00330 | \$0.00000 | \$0.41 | \$0.41 | \$0.00 | 0.0% | | | |
| Default Service Charge | <u>\$0.09131</u> | \$0.05860 | <u>(\$0.03271)</u> | <u>\$11.41</u> | <u>\$7.33</u> | <u>(\$4.09)</u> | (12.5%) | | | |
| Total | \$0.15042 | \$0.11771 | (\$0.03271) | \$18.80 | \$14.71 | (\$4.09) | (12.5%) | | | |
| Total Bil | I | | . , | \$32.74 | \$28.65 | (\$4.09) | (12.5%) | | | |

* Comparison isolates the impact of changes to the Default Service Rate only. Impacts do not include the Electricity Consumption Tax.

Unitil Energy Systems, Inc. Typical Bill Impacts for Residential Rate Class based on Mean and Median Usage

| | 4/1/2016 | 6/1/2016 | | | | | % |
|--------------------------|--------------------|---------------|-------------|-------------------|-------------------------|------------|-----------------------------|
| Rate Components | Current Rate | As Revised | Difference | Current Bill** | As Revised Bill** | Difference | Difference to Total Bill |
| | <u>ourion rato</u> | 101101000 | Billoronoo | | <u>Ale Revided Bill</u> | Dinoronico | |
| Customer Charge | \$10.27 | \$10.27 | \$0.00 | \$10.27 | \$10.27 | \$0.00 | 0.0% |
| | <u>\$/kWh</u> | <u>\$/kWh</u> | | | | | |
| Distribution Charge | | | | | | | |
| First 250 kWh | \$0.03404 | \$0.03404 | \$0.00000 | \$8.51 | \$8.51 | \$0.00 | 0.0% |
| Excess 250 kWh | \$0.03904 | \$0.03904 | \$0.00000 | \$14.99 | \$14.99 | \$0.00 | 0.0% |
| External Delivery Charge | \$0.02131 | \$0.02131 | \$0.00000 | \$13.51 | \$13.51 | \$0.00 | 0.0% |
| Stranded Cost Charge | \$0.00018 | \$0.00018 | \$0.00000 | \$0.11 | \$0.11 | \$0.00 | 0.0% |
| Storm Recovery Adj. | \$0.00221 | \$0.00221 | \$0.00000 | \$1.40 | \$1.40 | \$0.00 | 0.0% |
| System Benefits Charge | \$0.00330 | \$0.00330 | \$0.00000 | \$2.09 | \$2.09 | \$0.00 | 0.0% |
| Default Service Charge | \$0.09409 | \$0.05978 | (\$0.03431) | \$59.65 | \$37.90 | (\$21.75) | (19.7%) |
| First 250 kWh | \$0.15513 | \$0.12082 | (\$0.03431) | | | | |
| Excess 250 kWh | \$0.16013 | \$0.12582 | (\$0.03431) | | | | |
| Total Bill | | | . , | \$110.54 | \$88.79 | (\$21.75) | (19.7%) |

Residential Rate D 634 kWh Bill - Mean Use*

Residential Rate D 521 kWh Bill - Median Use*

| | 4/1/2016 | 6/1/2016 | | | | | % |
|--------------------------|---------------|---------------|-------------|-------------------|-------------------|------------|-----------------------------|
| Rate Components | Current Rate | As Revised | Difference | Current Bill** | As Revised Bill** | Difference | Difference to Total Bill |
| Customer Charge | \$10.27 | \$10.27 | \$0.00 | \$10.27 | \$10.27 | \$0.00 | 0.0% |
| | <u>\$/kWh</u> | <u>\$/kWh</u> | | | | | |
| Distribution Charge | | | | | | | |
| First 250 kWh | \$0.03404 | \$0.03404 | \$0.00000 | \$8.51 | \$8.51 | \$0.00 | 0.0% |
| Excess 250 kWh | \$0.03904 | \$0.03904 | \$0.00000 | \$10.58 | \$10.58 | \$0.00 | 0.0% |
| External Delivery Charge | \$0.02131 | \$0.02131 | \$0.00000 | \$11.10 | \$11.10 | \$0.00 | 0.0% |
| Stranded Cost Charge | \$0.00018 | \$0.00018 | \$0.00000 | \$0.09 | \$0.09 | \$0.00 | 0.0% |
| Storm Recovery Adj. | \$0.00221 | \$0.00221 | \$0.00000 | \$1.15 | \$1.15 | \$0.00 | 0.0% |
| System Benefits Charge | \$0.00330 | \$0.00330 | \$0.00000 | \$1.72 | \$1.72 | \$0.00 | 0.0% |
| Default Service Charge | \$0.09409 | \$0.05978 | (\$0.03431) | \$49.02 | \$31.15 | (\$17.88) | (19.3%) |
| First 250 kWh | \$0.15513 | \$0.12082 | (\$0.03431) | | | | |
| Excess 250 kWh | \$0.16013 | \$0.12582 | (\$0.03431) | | | | |
| Total Bill | | | (,) | \$92.45 | \$74.57 | (\$17.88) | (19.3%) |

* Based on billing period January 2015 through December 2015.

** Comparison isolates the impact of changes to the Default Service Rate only. Impacts do not include the Electricity Consumption Tax.

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Unitil Energy Systems, Inc. Average Class Bill Impacts Due to Proposed Default Service Rate Changes Effective June 1, 2016*

| (A) Class of Service | (B) Annual Number of Customers (luminaires for Outdoor Lighting) | (C) Annual kWh <u>Sales</u> | (D) Annual kW / kVA <u>Sales</u> | (E) Proposed DSC <u>Change \$</u> | (F) Estimated Annual Revenue \$ Under Present Rates | (G) Estimated Annual Revenue \$ Under Proposed Rates | (H) Proposed Net Change <u>Revenue \$</u> | (I) % Change DSC <u>Revenue</u> |
|-------------------------|---|--------------------------------------|---|--|--|---|--|--|
| Residential | 763,694 | 480,638,599 | n/a | (\$16,490,710) | \$83,943,751 | \$67,453,041 | (\$16,490,710) | (19.6%) |
| General Service | 129,249 | 340,275,469 | 1,301,458 | (\$11,130,411) | \$56,180,171 | \$45,049,760 | (\$11,130,411) | (19.8%) |
| Outdoor Lighting | 115,819 | 8,988,739 | n/a | (\$294,022) | \$2,801,914 | \$2,507,892 | (\$294,022) | (10.5%) |
| Total | 1,008,762 | 829,902,807 | | (\$27,915,143) | \$142,925,836 | \$115,010,694 | (\$27,915,143) | (19.5%) |

(B), (C), (D) Test year billing determinants in DE 10-055.

(E) Difference in proposed rate and current rate, times the billing determinants shown in Column (C).

(F) Based on current rates times billing determinants shown in Columns (B), (C) and (D).

(G) Sum of Columns (E) and (F)

(H) Column (G) minus Column (F)

(I) Column (H) divided by Column (F)

* Comparison isolates the impact of changes to the Default Service Rate only.

| Unitil Energy Systems, Inc. Typical Bill Impacts - April 1, 2016 versus June 1, 2016* Impacts do NOT include the Electricity Consumption Tax Impact on D Rate Customers | | | | | | | | | |
|--|---|---|---|---------------------------------|--|--|--|--|--|
| Averag <u>kWh</u> | Total Bill e Using Rates <u>4/1/2016</u> | Total Bill Using Rates <u>6/1/2016</u> | Total <u>Difference</u> | % Total <u>Difference</u> | | | | | |
| 125 | \$29.66 | \$25.37 | (\$4.29) | (14.5%) | | | | | |
| 250 | \$49.05 | \$40.48 | (\$8.58) | (17.5%) | | | | | |
| 500 | \$89.09 | \$71.93 | (\$17.16) | (19.3%) | | | | | |
| 600 | \$105.10 | \$84.51 | (\$20.59) | (19.6%) | | | | | |
| 750 | \$129.12 | \$103.39 | (\$25.73) | (19.9%) | | | | | |
| 1,000 | \$169.15 | \$134.84 | (\$34.31) | (20.3%) | | | | | |
| 1,250 | \$209.18 | \$166.30 | (\$42.89) | (20.5%) | | | | | |
| 1,500 | \$249.22 | \$197.75 | (\$51.47) | (20.7%) | | | | | |
| 2,000 | \$329.28 | \$260.66 | (\$68.62) | (20.8%) | | | | | |
| | | | | | | | | | |
| 3,500 5,000 | \$569.48 \$809.67 | \$449.39 \$638.12 | (\$120.09) (\$171.55) | (21.1%) (21.2%) | | | | | |
| | | | . , | (21.1%) (21.2%) | | | | | |
| | | | . , | · · · | | | | | |
| | \$809.67 | \$638.12 Rates - Proposed | (\$171.55) | · · · · | | | | | |
| 5,000 | \$809.67 Rates - Effective April 1, 2016 \$10.27 <u>kWh</u> | \$638.12 Rates - Proposed June 1, 2016 \$10.27 <u>kWh</u> | (\$171.55) Difference \$0.00 <u>kWh</u> | · · · · | | | | | |
| 5,000 Customer Charge Distribution Charge: First 250 kWh | \$809.67 Rates - Effective <u>April 1, 2016</u> \$10.27 <u>kWh</u> \$0.03404 | \$638.12 Rates - Proposed June 1, 2016 \$10.27 <u>kWh</u> \$0.03404 | (\$171.55) Difference \$0.00 <u>kWh</u> \$0.00000 | · · · · | | | | | |
| 5,000 Customer Charge Distribution Charge: First 250 kWh Excess 250 k | \$809.67 Rates - Effective <u>April 1, 2016</u> \$10.27 <u>kWh</u> \$0.03404 Wh \$0.03904 | \$638.12 Rates - Proposed June 1, 2016 \$10.27 <u>kWh</u> \$0.03404 \$0.03904 | (\$171.55) Difference \$0.00 <u>kWh</u> \$0.00000 \$0.00000 | · · · · | | | | | |
| 5,000 Customer Charge Distribution Charge: First 250 kWh Excess 250 k External Delivery Charge | \$809.67 Rates - Effective <u>April 1, 2016</u> \$10.27 <u>kWh</u> \$0.03404 Wh \$0.03904 \$0.02131 | \$638.12 Rates - Proposed June 1, 2016 \$10.27 <u>kWh</u> \$0.03404 \$0.03904 \$0.03904 \$0.02131 | (\$171.55) Difference \$0.00 <u>kWh</u> \$0.00000 \$0.00000 \$0.00000 \$0.00000 | . , | | | | | |
| 5,000 Customer Charge Distribution Charge: First 250 kWh Excess 250 k External Delivery Charge Stranded Cost Charge | \$809.67 Rates - Effective <u>April 1, 2016</u> \$10.27 <u>kWh</u> \$0.03404 Wh \$0.03904 \$0.02131 \$0.00018 | \$638.12 Rates - Proposed June 1, 2016 \$10.27 <u>kWh</u> \$0.03404 \$0.03904 \$0.02131 \$0.00018 | (\$171.55) Difference \$0.00 <u>kWh</u> \$0.00000 \$0.00000 \$0.00000 \$0.00000 \$0.00000 | . , | | | | | |
| 5,000 Customer Charge Distribution Charge: First 250 kWh Excess 250 k External Delivery Charge Stranded Cost Charge Storm Recovery Adjustment Factor | \$809.67 Rates - Effective <u>April 1, 2016</u> \$10.27 <u>kWh</u> \$0.03404 Wh \$0.03904 \$0.02131 \$0.00018 \$0.00221 | \$638.12 Rates - Proposed June 1, 2016 \$10.27 <u>kWh</u> \$0.03404 \$0.03904 \$0.02131 \$0.00018 \$0.00221 | (\$171.55) Difference \$0.00 <u>kWh</u> \$0.00000 \$0.00000 \$0.00000 \$0.00000 \$0.00000 \$0.00000 \$0.00000 | · · · · | | | | | |
| 5,000 Customer Charge Distribution Charge: First 250 kWh Excess 250 k External Delivery Charge Stranded Cost Charge Storm Recovery Adjustment Factor System Benefits Charge | \$809.67 Rates - Effective <u>April 1, 2016</u> \$10.27 <u>kWh</u> \$0.03404 Wh \$0.03904 \$0.02131 \$0.00018 \$0.00221 \$0.00330 | \$638.12 Rates - Proposed June 1, 2016 \$10.27 <u>kWh</u> \$0.03404 \$0.03904 \$0.02131 \$0.00018 \$0.00221 \$0.00330 | (\$171.55) Difference \$0.00 <u>kWh</u> \$0.00000 \$0.00000 \$0.00000 \$0.00000 \$0.00000 \$0.00000 \$0.00000 \$0.00000 \$0.00000 | . , | | | | | |
| 5,000 Customer Charge Distribution Charge: First 250 kWh | \$809.67 Rates - Effective <u>April 1, 2016</u> \$10.27 <u>kWh</u> \$0.03404 Wh \$0.03904 \$0.02131 \$0.00018 \$0.00221 \$0.00330 <u>\$0.09409</u> | \$638.12 Rates - Proposed June 1, 2016 \$10.27 <u>kWh</u> \$0.03404 \$0.03904 \$0.02131 \$0.00018 \$0.00221 | (\$171.55) Difference \$0.00 <u>kWh</u> \$0.00000 \$0.00000 \$0.00000 \$0.00000 \$0.00000 \$0.00000 \$0.00000 | · · · · | | | | | |

| | Unitil Energy Systems, Inc. Typical Bill Impacts - April 1, 2016 versus June 1, 2016* Impacts do NOT include the Electricity Consumption Tax Impact on G2 Rate Customers | | | | | | | | | |
|----------------|---|----------------------------------|--|--|----------------------------|---------------------------------|--|--|--|--|
| Load Factor | Average Monthly <u>kW</u> | Average Monthly <u>kWh</u> | Total Bill Using Rates <u>4/1/2016</u> | Total Bill Using Rates <u>6/1/2016</u> | Total <u>Difference</u> | % Total <u>Difference</u> | | | | |
| 20% | 5 | 730 | \$156.42 | \$132.55 | (\$23.88) | (15.3%) | | | | |
| 20% | 10 | 1,460 | \$294.44 | \$246.68 | (\$47.76) | (16.2%) | | | | |
| 20% | 15 | 2,190 | \$432.45 | \$360.82 | (\$71.63) | (16.6%) | | | | |
| 20% | 25 | 3,650 | \$708.48 | \$589.09 | (\$119.39) | (16.9%) | | | | |
| 20% | 50 | 7,300 | \$1,398.55 | \$1,159.77 | (\$238.78) | (17.1%) | | | | |
| 20% | 75 | 10,950 | \$2,088.62 | \$1,730.45 | (\$358.17) | (17.1%) | | | | |
| 20% | 100 | 14,600 | \$2,778.69 | \$2,301.13 | (\$477.57) | (17.2%) | | | | |
| 20% | 150 | 21,900 | \$4,158.83 | \$3,442.48 | (\$716.35) | (17.2%) | | | | |
| 36% | 5 | 1,314 | \$225.44 | \$182.45 | (\$42.98) | (19.1%) | | | | |
| 36% | 10 | 2,628 | \$432.46 | \$346.50 | (\$85.96) | (19.9%) | | | | |
| 36% | 15 | 3,942 | \$639.49 | \$510.54 | (\$128.94) | (20.2%) | | | | |
| 36% | 25 | 6,570 | \$1,053.54 | \$838.63 | (\$214.90) | (20.4%) | | | | |
| 36% | 50 | 13,140 | \$2,088.66 | \$1,658.85 | (\$429.81) | (20.6%) | | | | |
| 36% | 75 | 19,710 | \$3,123.79 | \$2,479.08 | (\$644.71) | (20.6%) | | | | |
| 36% | 100 | 26,280 | \$4,158.92 | \$3,299.30 | (\$859.62) | (20.7%) | | | | |
| 36% | 150 | 39,420 | \$6,229.17 | \$4,939.74 | (\$1,289.43) | (20.7%) | | | | |
| 50% | 5 | 1,825 | \$285.82 | \$226.12 | (\$59.70) | (20.9%) | | | | |
| 50% | 10 | 3,650 | \$553.23 | \$433.84 | (\$119.39) | (21.6%) | | | | |
| 50% | 15 | 5,475 | \$820.64 | \$641.55 | (\$179.09) | (21.8%) | | | | |
| 50% | 25 | 9,125 | \$1,355.46 | \$1,056.98 | (\$298.48) | (22.0%) | | | | |
| 50% | 50 | 18,250 | \$2,692.51 | \$2,095.56 | (\$596.96) | (22.2%) | | | | |
| 50% | 75 | 27,375 | \$4,029.56 | \$3,134.13 | (\$895.44) | (22.2%) | | | | |
| 50% | 100 | 36,500 | \$5,366.62 | \$4,172.70 | (\$1,193.92) | (22.2%) | | | | |
| 50% | 150 | 54,750 | \$8,040.72 | \$6,249.85 | (\$1,790.87) | (22.3%) | | | | |

| | Rates - Effective April 1, 2016 | Rates - Proposed June 1, 2016 | Difference |
|----------------------------|------------------------------------|----------------------------------|--------------------|
| Customer Charge | \$18.41 | \$18.41 | \$0.00 |
| | All kW | All kW | All kW |
| Distribution Charge | \$10.31 | \$10.31 | \$0.00 |
| Stranded Cost Charge | <u>\$0.04</u> | <u>\$0.04</u> | \$0.00 |
| TOTAL | \$10.35 | \$10.35 | \$0.00 |
| | <u>kWh</u> | <u>kWh</u> | <u>kWh</u> |
| Distribution Charge | \$0.00000 | \$0.00000 | \$0.00000 |
| External Delivery Charge | \$0.02131 | \$0.02131 | \$0.00000 |
| Stranded Cost Charge | \$0.00004 | \$0.00004 | \$0.00000 |
| Storm Recovery Adj. Factor | \$0.00221 | \$0.00221 | \$0.00000 |
| System Benefits Charge | \$0.00330 | \$0.00330 | \$0.00000 |
| Default Service Charge | <u>\$0.09131</u> | <u>\$0.05860</u> | <u>(\$0.03271)</u> |
| TOTAL | \$0.11817 | \$0.08546 | (\$0.03271) |

* Comparison isolates the impact of changes to the Default Service Rate only.

| Impacts do N | mpacts - April 1, 2016 OT include the Electri | versus June 1, 2016* city Consumption Tax | |
|---|---|--|--|
| Total Bill Using Rates <u>4/1/2016</u> | Total Bill Using Rates <u>6/1/2016</u> | Total <u>Difference</u> | % Total <u>Difference</u> |
| \$16.20 \$25.22 \$36.50 \$51.55 \$66.59 \$81.63 \$96.67 \$111.71 \$126.76 | \$15.71 \$22.77 \$31.60 \$43.37 \$55.14 \$66.91 \$78.68 \$90.45 \$102.22 | (\$0.49) (\$2.45) (\$4.91) (\$8.18) (\$11.45) (\$14.72) (\$17.99) (\$21.26) (\$24.53) | (3.0%) (9.7%) (13.4%) (15.9%) (17.2%) (18.0%) (18.6%) (19.0%) (19.4%) (19.7%) |
| | Rates - Effective | Rates - Proposed | |
| ustomer Charge | April 1, 2016 \$13.94 | June 1, 2016 | Difference \$0.00 |
| harge ery Charge t Charge ery Adjustment Factor fits Charge ee Charge | <u>All kWh</u> \$0.03211 \$0.02131 \$0.00018 \$0.00221 \$0.00330 <u>\$0.09131</u> \$0.15042 | All kWh \$0.03211 \$0.02131 \$0.00018 \$0.00221 \$0.00330 \$0.05860 \$0.11771 | <u>All kWh</u> \$0.00000 \$0.00000 \$0.00000 \$0.00000 \$0.00000 (\$0.03271) (\$0.03271) |
| | Total Bill Using Rates <u>4/1/2016</u> \$16.20 \$25.22 \$36.50 \$51.55 \$66.59 \$81.63 \$96.67 \$111.71 \$126.76 \$149.32 ustomer Charge | Typical Bill Impacts - April 1, 2016 Impacts do NOT include the Electri Impact on G2 kWh Meter Ra Total Bill Total Bill Using Rates Using Rates 4/1/2016 \$15.71 \$25.22 \$22.77 \$36.50 \$31.60 \$51.55 \$43.37 \$66.59 \$55.14 \$81.63 \$66.91 \$96.67 \$78.68 \$111.71 \$90.45 \$126.76 \$102.22 \$149.32 \$119.88 Rates - Effective April 1, 2016 ustomer Charge \$13.94 harge \$0.03211 rery Charge \$0.002131 t Charge \$0.00300 wry Adjustment Factor \$0.00221 its Charge \$0.00330 we Charge \$0.00330 | Using Rates 4/1/2016 Using Rates 6/1/2016 Total Difference \$16.20 \$15.71 (\$0.49) \$25.22 \$22.77 (\$2.45) \$36.50 \$31.60 (\$4.91) \$51.55 \$43.37 (\$8.18) \$66.59 \$55.14 (\$11.45) \$81.63 \$66.91 (\$14.72) \$96.67 \$78.68 (\$17.99) \$111.71 \$90.45 (\$21.26) \$126.76 \$102.22 (\$24.53) \$149.32 \$119.88 (\$29.44) Extense - Effective April 1, 2016 June 1, 2016 June 1, 2016 All kWh All kWh All kWh harge \$0.03211 \$0.03211 ery Charge \$0.0018 \$0.00018 ery Charge \$0.002131 \$0.02131 t Charge \$0.00211 \$0.00221 ery Adjustment Factor \$0.00330 \$0.00330 \$0.00330 \$0.00330 \$0.00330 |

| | Impacts do | Unitil Energy Syste I Impacts - April 1, 2016 NOT include the Electr t on G2 QRWH and SH | oversus June 1, 2016* icity Consumption Tax | |
|-----------------------|--|---|--|---------------------------------|
| Average <u>kWh</u> | Total Bill Using Rates <u>4/1/2016</u> | Total Bill Using Rates <u>6/1/2016</u> | Total <u>Difference</u> | % Total <u>Difference</u> |
| 100 | \$21.15 | \$17.88 | (\$3.27) | (15.5%) |
| 200 | \$36.06 | \$29.52 | (\$6.54) | (18.1%) |
| 300 | \$50.96 | \$41.15 | (\$9.81) | (19.3%) |
| 400 | \$65.87 | \$52.78 | (\$13.08) | (19.9%) |
| 500 | \$80.77 | \$64.42 | (\$16.36) | (20.2%) |
| 750 | \$118.03 | \$93.50 | (\$24.53) | (20.8%) |
| 1,000 | \$155.29 | \$122.58 | (\$32.71) | (21.1%) |
| 1,500 | \$229.81 | \$180.75 | (\$49.07) | (21.4%) |
| 2,000 | \$304.33 | \$238.91 | (\$65.42) | (21.5%) |
| 2,500 | \$378.85 | \$297.08 | (\$81.78) | (21.6%) |
| | | Rates - Effective April 1, 2016 | Rates - Proposed June 1, 2016 | Difference |
| Customer C | harge | \$6.25 | \$6.25 | \$0.00 |
| Distribution | Charge | <u>All kWh</u> \$0.03073 | <u>All kWh</u> \$0.03073 | <u>All kWh</u> \$0.00000 |
| | ivery Charge | \$0.02131 | \$0.02131 | \$0.00000 |
| Stranded Co | , , | \$0.00018 | \$0.00018 | \$0.00000 |
| Storm Recov | very Adjustment Factor | \$0.00221 | \$0.00221 | \$0.00000 |
| System Ben | efits Charge | \$0.00330 | \$0.00330 | \$0.00000 |
| Default Serv | ice Charge | <u>\$0.09131</u> | <u>\$0.05860</u> | <u>(\$0.03271)</u> |
| | - | \$0.14904 | \$0.11633 | (\$0.03271) |

| | | | Bill Impacts - A do NOT include | ergy Systems, Inc. pril 1, 2016 versus the Electricity Cor | sumption Tax | | | |
|--|---|---------------|---|---|---|--|--|--------------------------------|
| | | | Impact on C | L Rate Customers | ** | | | |
| | Nominal <u>Watts</u> | <u>Lumens</u> | Type | Average Monthly kWh | Total Bill Using Rates <u>4/1/2016</u> | Total Bill Using Rates <u>6/1/2016</u> | Total <u>Difference</u> | % Total <u>Differenc</u> |
| | | ury Vapor: | | | <u></u> | <u></u> | | |
| 1 | 100 | 3,500 | ST | 40 | \$16.01 | \$14.70 | (\$1.31) | (8.2%) |
| 2 | 175 | 7,000 | ST | 67 | \$21.58 | \$19.39 | (\$2.19) | (10.2%) |
| 3 | 250 | 11,000 | ST | 95 | \$26.91 | \$23.80 | (\$3.11) | (11.5%) |
| 4 | 400 | 20,000 | ST | 154 | \$37.16 | \$32.12 | (\$5.04) | (13.6%) |
| 5 | 1,000 | 60,000 | ST | 388 | \$84.96 | \$72.27 | (\$12.69) | (14.9%) |
| 6 | 250 | 11,000 | FL | 95 | \$28.03 | \$24.92 | (\$3.11) | (11.1%) |
| 7 | 400 | 20,000 | FL | 154 | \$38.60 | \$33.56 | (\$5.04) | (13.1%) |
| 8 | 1,000 | 60,000 | FL | 388 | \$80.64 | \$67.95 | (\$12.69) | (15.7%) |
| 9 | 100 | 3,500 | PB | 40 | \$16.13 | \$14.82 | (\$1.31) | (8.1%) |
| 10 | 175 | 7,000 | PB | 67 | \$20.74 | \$18.55 | (\$2.19) | (10.6%) |
| | High Pro | ssure Sodium: | | | | | | |
| 11 | 50 | 4,000 | ST | 21 | \$13.99 | \$13.31 | (\$0.69) | (4.9%) |
| 12 | 100 | 9,500 | ST | 43 | \$18.23 | \$16.82 | (\$0.03) | (4.5%) |
| 12 | 150 | 9,500 | ST | 43 60 | \$20.30 | \$18.34 | (\$1.41) (\$1.96) | (7.7%) |
| 13 | 250 | 30,000 | ST | 101 | \$20.30 \$28.86 | \$25.56 | (\$3.30) | (9.7%) |
| 14 | 400 | 50,000 | ST | 161 | \$40.75 | \$35.48 | (\$5.27) | (11.4%) |
| 16 | 1,000 | 140,000 | ST | 398 | \$85.64 | \$72.62 | (\$13.02) | (12.9%) |
| 17 | 150 | 16,000 | FL | 60 | \$22.54 | \$20.58 | (\$1.96) | (13.2%) |
| 18 | 250 | 30,000 | FL | 101 | \$30.42 | \$27.12 | (\$3.30) | (10.9%) |
| 19 | 400 | 50,000 | FL | 161 | \$40.23 | \$34.96 | (\$5.27) | (13.1%) |
| 20 | 1,000 | 140,000 | FL | 398 | \$85.99 | \$72.97 | (\$13.02) | (15.1%) |
| 20 | 50 | 4,000 | PB | 21 | \$13.02 | \$12.34 | (\$0.69) | (5.3%) |
| 22 | 100 | 95,000 | PB | 43 | \$17.10 | \$15.69 | (\$1.41) | (8.2%) |
| 22 | | 00,000 | | | ÷ | ÷ 10.00 | (+) | (0.270) |
| | Met | al Halide: | | | | | | |
| 23 | 175 | 8,800 | ST | 66 | \$25.46 | \$23.30 | (\$2.16) | (8.5%) |
| 24 | 250 | 13,500 | ST | 92 | \$30.20 | \$27.20 | (\$3.01) | (10.0%) |
| 25 | 400 | 23,500 | ST | 148 | \$37.60 | \$32.76 | (\$4.84) | (12.9%) |
| 26 | 175 | 8,800 | FL | 66 | \$28.43 | \$26.27 | (\$2.16) | (7.6%) |
| 27 | 250 | 13,500 | FL | 92 | \$33.26 | \$30.26 | (\$3.01) | (9.0%) |
| 28 | 400 | 23,500 | FL | 148 | \$39.93 | \$35.09 | (\$4.84) | (12.1%) |
| 29 | 175 | 8,800 | PB | 66 | \$24.23 | \$22.07 | (\$2.16) | (8.9%) |
| 30 | 250 | 13,500 | PB | 92 | \$28.43 | \$25.43 | (\$3.01) | (10.6%) |
| 31 | 400 | 23,500 | PB | 148 | \$36.37 | \$31.53 | (\$4.84) | (13.3%) |
| | | - | | - F | 0 | | | |
| Rates - Effective April 1, 2016 | | Lu | minaire Charge | s For Year Round | Service: | | | |
| | | Mercury Vapo | r Rate/Mo. | Sodium Vapo | or Rate/Mo. | Metal Halide | Rate/Mo. | |
| Customer Charge | \$0.00 | | 1 \$11.28 | 11 | • • | 23 | \$17.65 | |
| | | | 2 \$13.65 | 12 | \$13.14 | 24 | \$19.32 | |
| | <u>All kWh</u> | | 3 \$15.67 | 13 | | 25 | \$20.09 | |
| Distribution Charge | \$0.00000 | | 4 \$18.94 | 14 | | 26 | \$20.62 | |
| External Delivery Charge | \$0.02131 | | 5 \$39.06 | 15 | \$21.70 | 27 | \$22.38 | |
| Stranded Cost Charge | \$0.00018 | | 6 \$16.79 | 16 | | 28 | \$22.42 | |
| Storm Recovery Adj. Factor | \$0.00221 | | 7 \$20.38 | 17 | | 29 | \$16.42 | |
| System Benefits Charge | \$0.00330 | | 8 \$34.74 | 18 | | 30 | \$17.55 | |
| efault Service Charge | <u>\$0.09131</u> | | 9 \$11.40 | 19 | | 31 | \$18.86 | |
| | | | 10 \$12.81 | 20 | | | | |
| OTAL | \$0.11831 | | | 21 | | | | |
| | | | | 22 | \$12.01 | | | |
| ates - Proposed June 1, 2010 | 5 | Mercury Vapo | r Rate/Mo. | Sodium Vapo | or Rate/Mo. | Metal Halide | Rate/Mo. | |
| Customer Charge | \$0.00 | | 1 \$11.28 | 11 | \$11.51 | 23 | \$17.65 | |
| | φ0.00 | | 2 \$13.65 | 11 | | 23 | \$17.65 \$19.32 | |
| | | | ∠ ⊅ເວ.0ວ | 12 | | 24 25 | \$19.32 \$20.09 | |
| | | | 3 \$15.67 | | | | \$20.09 \$20.62 | |
| Ū | All kWh \$0,00000 | | 3 \$15.67 4 \$18.94 | | | | | |
| istribution Charge | \$0.00000 | | 4 \$18.94 | 14 | \$16.91 | 26 27 | \$22.50 | |
| Distribution Charge External Delivery Charge | \$0.00000 \$0.02131 | | 4 \$18.94 5 \$39.06 | 14 15 | \$16.91 \$21.70 | 27 | \$22.38 \$22.42 | |
| Distribution Charge External Delivery Charge Stranded Cost Charge | \$0.00000 \$0.02131 \$0.00018 | | 4 \$18.94 5 \$39.06 6 \$16.79 | 14 15 16 | \$16.91 \$21.70 \$38.55 | 27 28 | \$22.42 | |
| Distribution Charge External Delivery Charge Storm Recovery Adj. Factor | \$0.00000 \$0.02131 \$0.00018 \$0.00221 | | 4 \$18.94 5 \$39.06 6 \$16.79 7 \$20.38 | 14 15 16 17 | \$16.91 \$21.70 \$38.55 \$15.44 | 27 28 29 | \$22.42 \$16.42 | |
| Distribution Charge External Delivery Charge Stranded Cost Charge Storm Recovery Adj. Factor System Benefits Charge | \$0.00000 \$0.02131 \$0.00018 \$0.00221 \$0.00330 | | 4 \$18.94 5 \$39.06 6 \$16.79 7 \$20.38 8 \$34.74 | 14 15 16 17 18 | \$16.91 \$21.70 \$38.55 \$15.44 \$18.47 | 27 28 29 30 | \$22.42 \$16.42 \$17.55 | |
| Distribution Charge External Delivery Charge Stranded Cost Charge Storm Recovery Adj. Factor | \$0.00000 \$0.02131 \$0.00018 \$0.00221 | | 4 \$18.94 5 \$39.06 6 \$16.79 7 \$20.38 8 \$34.74 9 \$11.40 | 14 15 16 17 18 19 | \$16.91 \$21.70 \$38.55 \$15.44 \$18.47 \$21.18 | 27 28 29 | \$22.42 \$16.42 | |
| Distribution Charge External Delivery Charge Stranded Cost Charge Storm Recovery Adj. Factor System Benefits Charge | \$0.00000 \$0.02131 \$0.00018 \$0.00221 \$0.00330 | | 4 \$18.94 5 \$39.06 6 \$16.79 7 \$20.38 8 \$34.74 | 14 15 16 17 18 | \$16.91 \$21.70 \$38.55 \$15.44 \$18.47 \$21.18 \$38.90 | 27 28 29 30 | \$22.42 \$16.42 \$17.55 | |
| bistribution Charge ixternal Delivery Charge itranded Cost Charge torm Recovery Adj. Factor iystem Benefits Charge lefault Service Charge | \$0.00000 \$0.02131 \$0.00018 \$0.00221 \$0.00330 <u>\$0.05860</u> | | 4 \$18.94 5 \$39.06 6 \$16.79 7 \$20.38 8 \$34.74 9 \$11.40 | 14 15 16 17 18 19 20 | \$16.91 \$21.70 \$38.55 \$15.44 \$18.47 \$21.18 \$38.90 \$10.54 | 27 28 29 30 | \$22.42 \$16.42 \$17.55 | |
| Distribution Charge External Delivery Charge Stranded Cost Charge Storm Recovery Adj. Factor System Benefits Charge Default Service Charge | \$0.00000 \$0.02131 \$0.00018 \$0.00221 \$0.00330 <u>\$0.05860</u> | Mercury Va | 4 \$18.94 5 \$39.06 6 \$16.79 7 \$20.38 8 \$34.74 9 \$11.40 | 14 15 16 17 18 19 20 21 21 22 | \$16.91 \$21.70 \$38.55 \$15.44 \$18.47 \$21.18 \$38.90 \$10.54 | 27 28 29 30 31 | \$22.42 \$16.42 \$17.55 | |
| bistribution Charge xternal Delivery Charge itranded Cost Charge itorm Recovery Adj. Factor ystem Benefits Charge lefault Service Charge OTAL | \$0.00000 \$0.02131 \$0.00018 \$0.00221 \$0.00330 \$0.05860 \$0.08560 Difference | Mercury Vaj | 4 \$18.94 5 \$39.06 6 \$16.79 7 \$20.38 8 \$34.74 9 \$11.40 10 \$12.81 por-Difference | 14 15 16 17 18 19 20 20 21 22 21 22 Sodium V | \$16.91 \$21.70 \$38.55 \$15.44 \$18.47 \$21.18 \$38.90 \$10.54 \$12.01 /apor-Difference | 27 28 29 30 31 <u>Metal Hal</u> | \$22.42 \$16.42 \$17.55 \$18.86 | |
| Distribution Charge External Delivery Charge Stranded Cost Charge Storm Recovery Adj. Factor System Benefits Charge Default Service Charge | \$0.00000 \$0.02131 \$0.00018 \$0.00221 \$0.00330 <u>\$0.05860</u> \$0.08560 | Mercury Va | 4 \$18.94 5 \$39.06 6 \$16.79 7 \$20.38 8 \$34.74 9 \$11.40 10 \$12.81 Door-Difference 1 \$0.00 | 14 15 16 17 18 19 20 21 22 22 <u>Sodium V</u> 11 | \$16.91 \$21.70 \$38.55 \$15.44 \$18.47 \$21.18 \$38.90 \$10.54 \$12.01 /apor-Difference \$0.00 | 27 28 29 30 31 <u>Metal Hal</u> 23 | \$22.42 \$16.42 \$17.55 \$18.86 ide-Difference \$0.00 | |
| Distribution Charge External Delivery Charge Stranded Cost Charge Storm Recovery Adj. Factor System Benefits Charge Default Service Charge | \$0.0000 \$0.02131 \$0.00018 \$0.00221 \$0.00330 <u>\$0.05860</u> \$0.08560 <u>Difference</u> \$0.00 | Mercury Va | 4 \$18.94 5 \$39.06 6 \$16.79 7 \$20.38 8 \$34.74 9 \$11.40 10 \$12.81 cor-Difference 1 \$0.00 2 \$0.00 | 14 15 16 17 18 19 20 21 22 Sodium V 11 12 | \$16.91 \$21.70 \$38.55 \$15.44 \$18.47 \$21.18 \$38.90 \$10.54 \$12.01 //apor-Difference \$0.00 \$0.00 | 27 28 29 30 31 <u>Metal Hal</u> 23 24 | \$22.42 \$16.42 \$17.55 \$18.86 ide-Difference \$0.00 \$0.00 | |
| bistribution Charge xternal Delivery Charge tranded Cost Charge torm Recovery Adj. Factor system Benefits Charge lefault Service Charge OTAL | \$0.0000 \$0.02131 \$0.00018 \$0.00221 \$0.00330 \$0.05860 \$0.08560 Difference \$0.00 All kWh | Mercury Va | 4 \$18.94 5 \$39.06 6 \$16.79 7 \$20.38 8 \$34.74 9 \$11.40 10 \$12.81 bor-Difference 1 \$0.00 2 \$0.00 3 \$0.00 | 14 15 16 17 18 19 20 20 21 22 <u>Sodium V</u> 11 12 13 | \$16.91 \$21.70 \$38.55 \$15.44 \$18.47 \$21.18 \$38.90 \$10.54 \$12.01 */apor-Difference \$0.00 \$0.00 \$0.00 | 27 28 29 30 31 <u>Metal Hal</u> 23 24 24 25 | \$22.42 \$16.42 \$17.55 \$18.86 ide-Difference \$0.00 \$0.00 \$0.00 | |
| Distribution Charge External Delivery Charge Itranded Cost Charge Itorm Recovery Adj. Factor ystem Benefits Charge Default Service Charge OTAL Eustomer Charge Distribution Charge | \$0.0000 \$0.02131 \$0.00018 \$0.00221 \$0.00330 <u>\$0.05860</u> \$0.08560 <u>Difference</u> \$0.00 <u>All kWh</u> \$0.0000 | Mercury Va | 4 \$18.94 5 \$39.06 6 \$16.79 7 \$20.38 8 \$34.74 9 \$11.40 10 \$12.81 Dor-Difference 1 \$0.00 2 \$0.00 3 \$0.00 4 \$0.00 | 14 15 16 17 18 19 20 20 21 22 Sodium V 11 12 13 13 14 | \$16.91 \$21.70 \$38.55 \$15.44 \$18.47 \$21.18 \$38.90 \$10.54 \$12.01 /apor-Difference \$0.00 \$0.00 \$0.00 \$0.00 | 27 28 29 30 31 <u>Metal Hal</u> 23 24 25 26 | \$22.42 \$16.42 \$17.55 \$18.86 ide-Difference \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 | |
| Distribution Charge External Delivery Charge Stranded Cost Charge Storm Recovery Adj. Factor System Benefits Charge Default Service Charge COTAL | \$0.0000 \$0.02131 \$0.00018 \$0.00221 \$0.00330 <u>\$0.05860</u> \$0.08560 <u>Difference</u> \$0.00 <u>All kWh</u> \$0.0000 \$0.00000 | Mercury Vaj | 4 \$18.94 5 \$39.06 6 \$16.79 7 \$20.38 8 \$34.74 9 \$11.40 10 \$12.81 Dor-Difference 1 \$0.00 2 \$0.00 3 \$0.00 4 \$0.00 5 \$0.00 | 14 15 16 17 18 19 20 21 22 Sodium V 11 12 13 14 15 | \$16.91 \$21.70 \$38.55 \$15.44 \$18.47 \$21.18 \$38.90 \$10.54 \$12.01 */apor-Difference \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 | 27 28 29 30 31 <u>Metal Hal</u> 23 24 25 26 26 27 | \$22.42 \$16.42 \$17.55 \$18.86 ide-Difference \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 | |
| Automatical Delivery Charge Automatical Delivery Charge Automatical Cost Charge Automatical Cost Charge Automatical Cost Charge International Delivery Charge Automatical Delivery Charge Automatical Delivery Charge Automatical Delivery Charge Automatical Cost Charge | \$0.0000 \$0.02131 \$0.00018 \$0.00221 \$0.00330 \$0.05860 \$0.08560 Difference \$0.00 <u>All kWh</u> \$0.00000 \$0.00000 | Mercury Va | 4 \$18.94 5 \$39.06 6 \$16.79 7 \$20.38 8 \$34.74 9 \$11.40 10 \$12.81 bor-Difference 1 \$0.00 2 \$0.00 3 \$0.00 4 \$0.00 5 \$0.00 | 14 15 16 17 18 19 20 20 21 22 Sodium V 11 12 13 14 15 16 | \$16.91 \$21.70 \$38.55 \$15.44 \$18.47 \$21.18 \$38.90 \$10.54 \$12.01 */apor-Difference \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 | 27 28 29 30 31 <u>Metal Hal</u> 23 24 25 26 26 27 28 | \$22.42 \$16.42 \$17.55 \$18.86 ide-Difference \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 | |
| Distribution Charge External Delivery Charge Storm Recovery Adj. Factor System Benefits Charge Default Service Charge COTAL Customer Charge Distribution Charge External Delivery Charge Stranded Cost Charge Stranded Cost Charge Stranded Cost Charge | \$0.0000 \$0.02131 \$0.00018 \$0.00221 \$0.00330 \$0.05560 \$0.08560 <u>Difference</u> \$0.00 <u>All kWh</u> \$0.0000 \$0.00000 \$0.00000 | Mercury Va | 4 \$18.94 5 \$39.06 6 \$16.79 7 \$20.38 8 \$34.74 9 \$11.40 10 \$12.81 >oor-Difference 1 \$0.00 2 \$0.00 3 \$0.00 4 \$0.00 5 \$0.00 6 \$0.00 7 \$0.00 | 14 15 16 17 18 19 20 20 21 22 Sodium V 11 12 13 14 15 16 16 17 | \$16.91 \$21.70 \$38.55 \$15.44 \$18.47 \$21.18 \$38.90 \$10.54 \$12.01 *apor-Difference \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 | 27 28 29 30 31 <u>Metal Hat</u> 23 24 25 26 27 28 29 | \$22.42 \$16.42 \$17.55 \$18.86 ide-Difference \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 | |
| Autom Charge Autom Charge Autom Charge Autom Recovery Adj. Factor Autom Recovery Adj. Factor Autom Charge OTAL Autom Charge Autom Char | \$0.0000 \$0.02131 \$0.0018 \$0.0021 \$0.00300 <u>\$0.05860</u> \$0.08560 <u>Difference</u> \$0.00 <u>All kWh</u> \$0.00000 \$0.00000 \$0.00000 \$0.00000 \$0.00000 | Mercury Va | 4 \$18.94 5 \$39.06 6 \$16.79 7 \$20.38 8 \$34.74 9 \$11.40 10 \$12.81 Dor-Difference 1 \$0.00 2 \$0.00 3 \$0.00 4 \$0.00 5 \$0.00 6 \$0.00 7 \$0.00 8 \$0.00 | 14 15 16 17 18 19 20 21 22 Sodium V 11 12 13 14 15 16 16 17 18 | \$16.91 \$21.70 \$38.55 \$15.44 \$18.47 \$21.18 \$38.90 \$10.54 \$12.01 /apor-Difference \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 | 27 28 29 30 31 23 23 24 25 26 26 27 28 29 30 | \$22.42 \$16.42 \$17.55 \$18.86 ide-Difference \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 | |
| Vistribution Charge xternal Delivery Charge itranded Cost Charge itorm Recovery Adj. Factor ystem Benefits Charge Vefault Service Charge OTAL Sustomer Charge xternal Delivery Charge itranded Cost Charge itranded Cost Charge torm Recovery Adj. Factor | \$0.0000 \$0.02131 \$0.00018 \$0.00221 \$0.00330 \$0.05560 \$0.08560 <u>Difference</u> \$0.00 <u>All kWh</u> \$0.0000 \$0.00000 \$0.00000 | Mercury Vaj | 4 \$18.94 5 \$39.06 6 \$16.79 7 \$20.38 8 \$34.74 9 \$11.40 10 \$12.81 Dor-Difference 1 \$0.00 2 \$0.00 3 \$0.00 4 \$0.00 5 \$0.00 6 \$0.00 7 \$0.00 8 \$0.00 9 \$0.00 | 14 15 16 17 18 19 20 21 22 Sodium V 11 12 13 13 14 15 16 17 18 19 | \$16.91 \$21.70 \$38.55 \$15.44 \$18.47 \$21.18 \$38.90 \$10.54 \$12.01 (apor-Difference \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 | 27 28 29 30 31 <u>Metal Hat</u> 23 24 25 26 27 28 29 | \$22.42 \$16.42 \$17.55 \$18.86 ide-Difference \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 | |
| istribution Charge xternal Delivery Charge tranded Cost Charge torm Recovery Adj. Factor ystem Benefits Charge efault Service Charge OTAL ustomer Charge xternal Delivery Charge tranded Cost Charge torm Recovery Adj. Factor ystem Benefits Charge | \$0.0000 \$0.02131 \$0.0018 \$0.0021 \$0.00300 <u>\$0.05860</u> \$0.08560 <u>Difference</u> \$0.00 <u>All kWh</u> \$0.00000 \$0.00000 \$0.00000 \$0.00000 \$0.00000 | Mercury Va | 4 \$18.94 5 \$39.06 6 \$16.79 7 \$20.38 8 \$34.74 9 \$11.40 10 \$12.81 Dor-Difference 1 \$0.00 2 \$0.00 3 \$0.00 4 \$0.00 5 \$0.00 6 \$0.00 7 \$0.00 8 \$0.00 | 14 15 16 17 18 19 20 21 22 Sodium V 11 12 13 14 15 16 16 17 18 | \$16.91 \$21.70 \$38.55 \$15.44 \$18.47 \$21.18 \$38.90 \$10.54 \$12.01 */apor-Difference \$0.00 | 27 28 29 30 31 23 23 24 25 26 26 27 28 29 30 | \$22.42 \$16.42 \$17.55 \$18.86 ide-Difference \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 | |

* Comparison isolates the impact of changes to the Default Service Rate only. * Luminaire charges based on All-Night Service option.

Unitil Energy Systems, Inc. Typical Bill Impacts by Rate Component

Residential Rate D 634 kWh Bill - Mean Use*

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| | | Rates proposed | | | Bill under | | |
|--------------------------|--------------------|------------------|--------------------|----------------|-------------------|-----------------|---------------|
| | Rates proposed for | for effect | D:// | Bill under | proposed 6/1/2016 | | % Difference |
| Rate Components | effect 6/1/2015 | 6/1/2016 | Difference | 6/1/2015 rates | rates | \$ Difference | to Total Bill |
| Customer Charge | \$10.27 | \$10.27 | \$0.00 | \$10.27 | \$10.27 | \$0.00 | 0.0% |
| | \$/kWh | \$/kWh | | | | | |
| Distribution Charge | | | | | | | |
| First 250 kWh | \$0.03404 | \$0.03404 | \$0.00000 | \$8.51 | \$8.51 | \$0.00 | 0.0% |
| Excess 250 kWh | \$0.03904 | \$0.03904 | \$0.00000 | \$14.99 | \$14.99 | \$0.00 | 0.0% |
| External Delivery Charge | \$0.01852 | \$0.02131 | \$0.00279 | \$11.74 | \$13.51 | \$1.77 | 1.9% |
| Stranded Cost Charge | \$0.00018 | \$0.00018 | \$0.00000 | \$0.11 | \$0.11 | \$0.00 | 0.0% |
| Storm Recovery Adj. | \$0.00221 | \$0.00221 | \$0.00000 | \$1.40 | \$1.40 | \$0.00 | 0.0% |
| System Benefits Charge | \$0.00330 | \$0.00330 | \$0.00000 | \$2.09 | \$2.09 | \$0.00 | 0.0% |
| Default Service Charge | <u>\$0.06921</u> | <u>\$0.05978</u> | <u>(\$0.00943)</u> | \$43.88 | <u>\$37.90</u> | <u>(\$5.98)</u> | (6.4%) |
| First 250 kWh | \$0.12746 | \$0.12082 | (\$0.00664) | | | | |
| Excess 250 kWh | \$0.13246 | \$0.12582 | (\$0.00664) | | | | |
| Total Bill | | | | \$93.00 | \$88.79 | (\$4.21) | (4.5%) |

| | Regular General G2 Demand, 11 kW, 2,800 kWh Typical Bill | | | | | | | | | | |
|--------------------------|--|------------------|--------------------|----------------|-------------------|---------------|---------------|--|--|--|--|
| | | | | | | | | | | | |
| | F | Rates proposed | 1 | | Bill under | | | | | | |
| | Rates proposed for | for effect | | Bill under | proposed 6/1/2016 | | % Difference | | | | |
| Rate Components | effect 6/1/2015 | 6/1/2016 | Difference | 6/1/2015 rates | rates | \$ Difference | to Total Bill | | | | |
| Customer Charge | \$18.41 | \$18.41 | \$0.00 | \$18.41 | \$18.41 | \$0.00 | 0.0% | | | | |
| | All kW | <u>All kW</u> | | | | | | | | | |
| Distribution Charge | \$10.31 | \$10.31 | \$0.00 | \$113.41 | \$113.41 | \$0.00 | 0.0% | | | | |
| Stranded Cost Charge | \$0.04 | \$0.04 | \$0.00 | \$0.44 | \$0.44 | \$0.00 | 0.0% | | | | |
| Total | \$10.35 | \$10.35 | \$0.00 | \$113.85 | \$113.85 | \$0.00 | 0.0% | | | | |
| | <u>\$/kWh</u> | <u>\$/kWh</u> | | | | | | | | | |
| Distribution Charge | \$0.00000 | \$0.00000 | \$0.00000 | \$0.00 | \$0.00 | \$0.00 | 0.0% | | | | |
| External Delivery Charge | \$0.01852 | \$0.02131 | \$0.00279 | \$51.86 | \$59.67 | \$7.81 | 2.0% | | | | |
| Stranded Cost Charge | \$0.00004 | \$0.00004 | \$0.00000 | \$0.11 | \$0.11 | \$0.00 | 0.0% | | | | |
| Storm Recovery Adj. | \$0.00221 | \$0.00221 | \$0.00000 | \$6.19 | \$6.19 | \$0.00 | 0.0% | | | | |
| System Benefits Charge | \$0.00330 | \$0.00330 | \$0.00000 | \$9.24 | \$9.24 | \$0.00 | 0.0% | | | | |
| Default Service Charge | \$0.06993 | <u>\$0.05860</u> | <u>(\$0.01133)</u> | \$195.80 | \$164.08 | (\$31.72) | <u>(8.0%)</u> | | | | |
| Total | \$0.09400 | \$0.08546 | (\$0.00854) | \$263.20 | \$239.29 | (\$23.91) | (6.0%) | | | | |
| Total E | Bill | | | \$395.46 | \$371.55 | (\$23.91) | (6.0%) | | | | |

Unitil Energy Systems, Inc. Typical Bill Impacts by Rate Component

| <u>Regular Gener</u> | al G2 Quick Reco | very Water He | ating and Spa | ace Heating 1,62 | 20 kWh Typical Bill | _ | |
|--------------------------|--|---|---------------|------------------------------|--|---------------|-------------------------------|
| Rate Components | Rates proposed for effect 6/1/2015 | Rates proposed for effect 6/1/2016 | Difference | Bill under 6/1/2015 rates | Bill under proposed 6/1/2016 rates | \$ Difference | % Difference to Total Bill |
| Customer Charge | \$6.25 | \$6.25 | \$0.00 | \$6.25 | \$6.25 | \$0.00 | 0.0% |
| | <u>\$/kWh</u> | <u>\$/kWh</u> | | | | | |
| Distribution Charge | \$0.03073 | \$0.03073 | \$0.00000 | \$49.78 | \$49.78 | \$0.00 | 0.0% |
| External Delivery Charge | \$0.01852 | \$0.02131 | \$0.00279 | \$30.00 | \$34.52 | \$4.52 | 2.2% |
| Stranded Cost Charge | \$0.00018 | \$0.00018 | \$0.00000 | \$0.29 | \$0.29 | \$0.00 | 0.0% |
| Storm Recovery Adj. | \$0.00221 | \$0.00221 | \$0.00000 | \$3.58 | \$3.58 | \$0.00 | 0.0% |
| System Benefits Charge | \$0.00330 | \$0.00330 | \$0.00000 | \$5.35 | \$5.35 | \$0.00 | 0.0% |
| Default Service Charge | \$0.06993 | \$0.05860 | (\$0.01133) | \$113.29 | \$94.93 | (\$18.35) | <u>(8.8%)</u> |
| Total | \$0.12487 | \$0.11633 | (\$0.00854) | \$202.29 | \$188.45 | (\$13.83) | (6.6%) |
| Total B | ill | | | \$208.54 | \$194.70 | (\$13.83) | (6.6%) |

| | Regular General G2 kWh Meter 125 kWh Typical Bill | | | | | | | | | | | |
|--------------------------|---|---|--------------------|------------------------------|--|-----------------|-------------------------------|--|--|--|--|--|
| Rate Components | Rates proposed for effect 6/1/2015 | Rates proposed for effect 6/1/2016 | Difference | Bill under 6/1/2015 rates | Bill under proposed 6/1/2016 rates | \$ Difference | % Difference to Total Bill | | | | | |
| Customer Charge | \$13.94 | \$13.94 | \$0.00 | \$13.94 | \$13.94 | \$0.00 | 0.0% | | | | | |
| | <u>\$/kWh</u> | <u>\$/kWh</u> | | | | | | | | | | |
| Distribution Charge | \$0.03211 | \$0.03211 | \$0.00000 | \$4.01 | \$4.01 | \$0.00 | 0.0% | | | | | |
| External Delivery Charge | \$0.01852 | \$0.02131 | \$0.00279 | \$2.32 | \$2.66 | \$0.35 | 1.2% | | | | | |
| Stranded Cost Charge | \$0.00018 | \$0.00018 | \$0.00000 | \$0.02 | \$0.02 | \$0.00 | 0.0% | | | | | |
| Storm Recovery Adj. | \$0.00221 | \$0.00221 | \$0.00000 | \$0.28 | \$0.28 | \$0.00 | 0.0% | | | | | |
| System Benefits Charge | \$0.00330 | \$0.00330 | \$0.00000 | \$0.41 | \$0.41 | \$0.00 | 0.0% | | | | | |
| Default Service Charge | <u>\$0.06993</u> | <u>\$0.05860</u> | <u>(\$0.01133)</u> | <u>\$8.74</u> | <u>\$7.33</u> | <u>(\$1.42)</u> | <u>(4.8%)</u> | | | | | |
| Total | \$0.12625 | \$0.11771 | (\$0.00854) | \$15.78 | \$14.71 | (\$1.07) | (3.6%) | | | | | |
| Total B | ill | | | \$29.72 | \$28.65 | (\$1.07) | (3.6%) | | | | | |