

UNITIL ENERGY SYSTEMS. INC.
CALCULATION OF THE STRANDED COST CHARGE
Effective August 1, 2017

Uniform per kWh Charge

1. (Over)/under Recovery - Beginning Balance August 1, 2017	(\$402,468)	Page 3 of 5
2. Estimated Total Costs (August 2017 - July 2018)	(\$269,100)	Page 3 of 5
3. Estimated Interest (August 2017 - July 2018)	<u>(\$8,418)</u>	Page 3 of 5
4. Costs to be Recovered (L.1 + L.2 + L.3)	(\$679,986)	
5. Estimated Calendar Month Deliveries in kWh (August 2017 - July 2018) (1)	<u>1,191,465,060</u>	
6. Stranded Cost Charge (\$/kWh) (L.4 / L.5)	(\$0.00057)	

Development of Class Stranded Cost Charge

Class D, D - Controlled Off Peak Water Heating, G2 - kWh meter,
G2 - Quick Recovery Water Heating, G2 - Space Heating,
G2 Controlled Off Peak Water Heating, OL

7. Stranded Cost Charge (\$/kWh) (L.6)	(\$0.00057)
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Class G2 (2)

8. Estimated G2 Demand Revenue (August 2017 - July 2018)	(\$152,406)
9. Estimated G2 Deliveries in kW (August 2017 - July 2018)	<u>1,333,442</u>
10. Stranded Cost Charge (\$/kW) (L. 8 / L. 9)	(\$0.11)
11. G2 Energy Revenue (August 2017 - July 2018)	(\$38,225)
12. Estimated G2 Calendar Month Deliveries in kWh (August 2017 - July 2018) (1)	<u>334,440,260</u>
13. Stranded Cost Charge (\$/kWh) (L.11 / L.12)	(\$0.00011)

Class G1 (2)

14. Estimated G1 Demand Revenue (August 2017 - July 2018)	(\$150,302)
15. Estimated G1 Deliveries in kVA (August 2017 - July 2018)	<u>1,045,750</u>
16. Stranded Cost Charge (\$/kVA) (L. 14 / L. 15)	(\$0.14)
17. G1 Energy Revenue (August 2017 - July 2018)	(\$50,678)
18. Estimated G1 Calendar Month Deliveries in kWh (August 2017 - July 2018) (1)	<u>352,596,702</u>
19. Stranded Cost Charge (\$/kWh) (L.17 / L.18)	(\$0.00014)

(1) Schedule LSM-2, page 5. Total Company	Schedule LSM-1, page 4. <u>G2 Demand</u>	Schedule LSM-1, page 4. <u>G1 Demand</u>
Aug 2017-Jul 2018 Billed kWh 1,191,140,484	Aug 2017-Jul 2018 Billed kWh 334,448,906	Aug 2017-Jul 2018 Billed kWh 352,307,626
- July 2017 Unbilled kWh (59,760,241)	- July 2017 Unbilled kWh (16,898,890)	- July 2017 Unbilled kWh (16,426,116)
+ July 2018 Unbilled kWh <u>60,084,817</u>	+ July 2018 Unbilled kWh <u>16,890,244</u>	+ July 2018 Unbilled kWh <u>16,715,192</u>
Calendar Month Deliveries 1,191,465,060	Calendar Month Deliveries 334,440,260	Calendar Month Deliveries 352,596,702

(2) Demand and energy calculated based on ratio of demand and energy revenue under current rates.

Calculation of Class G2 and G1 Demand and Energy Components

	Units <u>(Aug 17 - Jul 18)</u>	Current <u>Rates</u>	<u>Revenue under current rates</u>	<u>% of Total</u>	<u>Revenue at Proposed Rates</u>
G2 kW	1,333,442	(\$0.04)	(\$53,338)	80%	(\$152,406)
G2 kWh	334,440,260	(\$0.00004)	<u>(\$13,378)</u>	20%	<u>(\$38,225)</u>
Total			(\$66,715)	100%	(\$190,631)
G1 kVA	1,045,750	(\$0.05)	(\$52,287)	75%	(\$150,302)
G1 kWh	352,596,702	(\$0.00005)	<u>(\$17,630)</u>	25%	<u>(\$50,678)</u>
Total			(\$69,917)	100%	(\$200,980)

Unitil Energy Systems, Inc.
Reconciliation of Stranded Costs and Revenues

		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)
		Beginning	Total Costs	Total Revenue	Ending	Average	Interest Rate	Number of	Computed	Ending Balance
		Balance			Balance Before	Monthly		Days /	Interest	with Interest
					Interest	Balance ((a+d)		Month		(d + h)
					(a + b - c)	/ 2)				
0014	Aug-15	Actual	\$24,999	\$19,555	\$21,640	\$22,915	\$23,957	31	\$66	\$22,981
	Sep-15	Actual	\$22,981	\$15,328	\$19,692	\$18,616	\$20,799	30	\$56	\$18,672
	Oct-15	Actual	\$18,672	\$7,542	\$18,021	\$8,193	\$13,432	31	\$37	\$8,230
	Nov-15	Actual	\$8,230	\$9,252	\$17,292	\$191	\$4,210	30	\$11	\$202
	Dec-15	Actual	\$202	\$11,993	\$17,709	(\$5,514)	(\$2,656)	31	(\$7)	(\$5,521)
	Jan-16	Actual	(\$5,521)	\$28,532	\$20,166	\$2,844	(\$1,338)	31	(\$4)	\$2,841
	Feb-16	Actual	\$2,841	\$16,388	\$17,974	\$1,255	\$2,048	29	\$5	\$1,260
	Mar-16	Actual	\$1,260	\$0	\$18,280	(\$17,020)	(\$7,880)	31	(\$22)	(\$17,042)
	Apr-16	Actual	(\$17,042)	(\$90,996)	\$16,677	(\$124,715)	(\$70,878)	30	(\$203)	(\$124,918)
	May-16	Actual	(\$124,918)	(\$25,537)	\$16,595	(\$167,050)	(\$145,984)	31	(\$433)	(\$167,483)
	Jun-16	Actual	(\$167,483)	(\$44,995)	\$19,521	(\$232,000)	(\$199,741)	30	(\$573)	(\$232,573)
	Jul-16	Actual	(\$232,573)	(\$31,763)	\$22,491	(\$286,826)	(\$259,699)	31	(\$770)	(\$287,596)
	Total Aug-15 to Jul-16		(\$84,702)	\$226,057					(\$1,836)	
		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)
		Beginning	Total Costs	Total Revenue	Ending	Average	Interest Rate	Number of	Computed	Ending Balance
		Balance			Balance Before	Monthly		Days /	Interest	with Interest
					Interest	Balance ((a+d)		Month		(d + h)
					(a + b - c)	/ 2)				
	Aug-16	Actual	(\$287,596)	(\$26,662)	(\$13,718)	(\$300,541)	(\$294,068)	31	(\$872)	(\$301,412)
	Sep-16	Actual	(\$301,412)	(\$17,512)	(\$19,233)	(\$299,692)	(\$300,552)	30	(\$862)	(\$300,554)
	Oct-16	Actual	(\$300,554)	(\$17,541)	(\$17,595)	(\$300,500)	(\$300,527)	31	(\$891)	(\$301,390)
	Nov-16	Actual	(\$301,390)	(\$38,141)	(\$17,429)	(\$322,102)	(\$311,746)	30	(\$894)	(\$322,997)
	Dec-16	Actual	(\$322,997)	(\$28,890)	(\$19,224)	(\$332,663)	(\$327,830)	31	(\$972)	(\$333,634)
	Jan-17	Actual	(\$333,634)	(\$19,516)	(\$19,462)	(\$333,688)	(\$333,661)	31	(\$992)	(\$334,680)
	Feb-17	Actual	(\$334,680)	(\$41,056)	(\$17,131)	(\$358,605)	(\$346,643)	28	(\$931)	(\$359,536)
	Mar-17	Actual	(\$359,536)	(\$18,243)	(\$18,643)	(\$359,136)	(\$359,336)	31	(\$1,068)	(\$360,205)
	Apr-17	Actual	(\$360,205)	(\$14,650)	(\$17,175)	(\$357,679)	(\$358,942)	30	(\$1,106)	(\$358,785)
	May-17	Estimate	(\$358,785)	(\$38,306)	(\$16,553)	(\$380,538)	(\$369,662)	31	(\$1,177)	(\$381,716)
	Jun-17	Estimate	(\$381,716)	(\$37,146)	(\$19,437)	(\$399,424)	(\$390,570)	30	(\$1,204)	(\$400,628)
	Jul-17	Estimate	(\$400,628)	(\$22,425)	(\$21,947)	(\$401,106)	(\$400,867)	31	(\$1,362)	(\$402,468)
	Total Aug-16 to Jul-17		(\$320,089)	(\$217,548)					(\$12,331)	

Unitil Energy Systems, Inc.
 Reconciliation of Stranded Costs and Revenues

		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)
		Beginning	Total Costs	Total Revenue	Ending	Average	Interest Rate	Number of	Computed	Ending Balance
		Balance			Balance Before	Monthly		Days /	Interest	with Interest
					Interest	Balance ((a+d)		Month		(d + h)
					(a + b - c)	/ 2)				
	Aug-17	Estimate	(\$402,468)	(\$22,425)	(\$59,260)	(\$365,633)	4.00%	31	(\$1,305)	(\$366,937)
	Sep-17	Estimate	(\$366,937)	(\$22,425)	(\$54,041)	(\$335,321)	4.00%	30	(\$1,154)	(\$336,476)
	Oct-17	Estimate	(\$336,476)	(\$22,425)	(\$53,715)	(\$305,185)	4.00%	31	(\$1,090)	(\$306,275)
	Nov-17	Estimate	(\$306,275)	(\$22,425)	(\$52,077)	(\$276,623)	4.00%	30	(\$958)	(\$277,581)
	Dec-17	Estimate	(\$277,581)	(\$22,425)	(\$57,402)	(\$242,605)	4.00%	31	(\$884)	(\$243,488)
	Jan-18	Estimate	(\$243,488)	(\$22,425)	(\$60,102)	(\$205,811)	4.00%	31	(\$763)	(\$206,574)
	Feb-18	Estimate	(\$206,574)	(\$22,425)	(\$53,181)	(\$175,818)	4.00%	28	(\$587)	(\$176,405)
	Mar-18	Estimate	(\$176,405)	(\$22,425)	(\$54,433)	(\$144,397)	4.00%	31	(\$545)	(\$144,942)
	Apr-18	Estimate	(\$144,942)	(\$22,425)	(\$51,403)	(\$115,963)	4.00%	30	(\$429)	(\$116,392)
	May-18	Estimate	(\$116,392)	(\$22,425)	(\$49,492)	(\$89,326)	4.00%	31	(\$349)	(\$89,675)
0015	Jun-18	Estimate	(\$89,675)	(\$22,425)	(\$57,009)	(\$55,091)	4.00%	30	(\$238)	(\$55,329)
	Jul-18	Estimate	(\$55,329)	(\$22,425)	(\$64,642)	(\$13,112)	4.00%	31	(\$116)	(\$13,228)
	Total Aug-17 to Jul-18		(\$269,100)	(\$666,757)					(\$8,418)	

		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	(p)	(q)	(r)
		Total Billed kWh - all classes except G2 demand and G1	Unbilled Factor	Unbilled kWh (a * b)	Proposed SCC	Unbilled SCC Revenue (c * d)	Total Billed kWh - G2 demand	Unbilled Factor	Unbilled kWh (f * g)	Proposed SCC	Unbilled SCC Revenue (h * i)	Total Billed kWh - G1	Unbilled Factor	Unbilled kWh (k * l)	Proposed SCC	Unbilled SCC Revenue (m * n)	Reversal of prior month unbilled (prior month, e + j + o)	Total Billed SCC Revenue	Total Revenue (e + j + o + p + q)
Aug-15	Actual	50,334,081	48.53%	24,429,097	\$0.00018	\$4,397	34,262,116	44.93%	15,395,559	\$0.00004	\$616	33,456,531	44.93%	15,033,572	\$0.00005	\$752	(\$5,751)	\$21,625	\$21,640
Sep-15	Actual	48,321,172	32.21%	15,564,876	\$0.00018	\$2,802	32,665,434	47.17%	15,408,224	\$0.00004	\$616	33,623,423	47.17%	15,860,105	\$0.00005	\$793	(\$5,765)	\$21,246	\$19,692
Oct-15	Actual	34,592,912	52.75%	18,247,563	\$0.00018	\$3,285	26,357,093	49.40%	13,021,392	\$0.00004	\$521	28,903,562	49.40%	14,279,443	\$0.00005	\$714	(\$4,211)	\$17,712	\$18,021
Nov-15	Actual	34,049,394	60.63%	20,645,351	\$0.00018	\$3,716	24,584,810	53.99%	13,272,886	\$0.00004	\$531	27,878,010	53.99%	15,050,824	\$0.00005	\$753	(\$4,519)	\$16,811	\$17,292
Dec-15	Actual	40,165,284	50.85%	20,422,045	\$0.00018	\$3,676	26,055,228	48.92%	12,745,818	\$0.00004	\$510	27,665,788	48.92%	13,533,680	\$0.00005	\$677	(\$5,000)	\$17,846	\$17,709
Jan-16	Actual	47,229,696	53.08%	25,070,065	\$0.00018	\$4,513	28,366,257	48.65%	13,800,282	\$0.00004	\$552	27,997,237	48.65%	13,620,752	\$0.00005	\$681	(\$4,862)	\$19,283	\$20,166
Feb-16	Actual	45,256,523	40.28%	18,230,355	\$0.00018	\$3,281	29,103,275	44.80%	13,039,101	\$0.00004	\$522	29,556,063	44.80%	13,241,964	\$0.00005	\$662	(\$5,746)	\$19,254	\$19,974
Mar-16	Actual	41,281,774	43.35%	17,895,746	\$0.00018	\$3,221	27,518,793	45.12%	12,417,016	\$0.00004	\$497	28,508,137	45.12%	12,863,428	\$0.00005	\$643	(\$4,465)	\$18,384	\$18,280
Apr-16	Actual	37,222,071	38.57%	14,357,438	\$0.00018	\$2,584	26,404,492	42.92%	11,332,863	\$0.00004	\$453	28,553,210	42.92%	12,255,098	\$0.00005	\$613	(\$4,361)	\$17,388	\$16,677
May-16	Actual	31,993,250	44.45%	14,220,626	\$0.00018	\$2,560	24,599,287	51.16%	12,585,483	\$0.00004	\$503	27,368,674	51.16%	14,002,356	\$0.00005	\$700	(\$3,650)	\$16,482	\$16,595
Jun-16	Actual	37,063,982	54.71%	20,275,867	\$0.00018	\$3,650	28,417,531	45.37%	12,893,828	\$0.00004	\$516	30,747,800	45.37%	13,951,135	\$0.00005	\$698	(\$3,763)	\$18,421	\$19,521
Jul-16	Actual	46,270,571	63.18%	29,233,422	\$0.00018	\$5,262	31,912,232	46.24%	14,754,837	\$0.00004	\$590	32,732,952	46.24%	15,134,303	\$0.00005	\$757	(\$4,863)	\$20,745	\$22,491
Total Aug-15 to Jul-16		493,780,710		238,592,451		\$42,947	340,246,546		160,667,289		\$6,427	356,991,386		168,826,660		\$8,441	(\$56,956)	\$225,198	\$226,057

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		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	(p)	(q)	(r)
		Total Billed kWh - all classes except G2 demand and G1	Unbilled Factor	Unbilled kWh (a * b)	Proposed SCC	Unbilled SCC Revenue (c * d)	Total Billed kWh - G2 demand	Unbilled Factor	Unbilled kWh (f * g)	Proposed SCC	Unbilled SCC Revenue (h * i)	Total Billed kWh - G1	Unbilled Factor	Unbilled kWh (k * l)	Proposed SCC	Unbilled SCC Revenue (m * n)	Reversal of prior month unbilled (prior month, e + j + o)	Total Billed SCC Revenue	Total Revenue (e + j + o + p + q)
Aug-16	Actual	56,972,172	34.79%	19,818,028	(\$0.00018)	(\$3,567)	36,079,630	40.39%	14,571,055	(\$0.00004)	(\$583)	35,598,590	40.39%	14,376,783	(\$0.00005)	(\$719)	(\$6,609)	(\$2,240)	(\$13,718)
Sep-16	Actual	43,773,538	34.97%	15,307,335	(\$0.00018)	(\$2,755)	30,523,965	46.39%	14,160,602	(\$0.00004)	(\$566)	31,702,613	46.39%	14,707,398	(\$0.00005)	(\$735)	\$4,869	(\$20,044)	(\$19,233)
Oct-16	Actual	33,855,697	51.67%	17,494,616	(\$0.00018)	(\$3,149)	25,707,359	51.67%	13,284,038	(\$0.00004)	(\$531)	27,982,369	51.67%	14,459,628	(\$0.00005)	(\$723)	\$4,057	(\$17,249)	(\$17,595)
Nov-16	Actual	34,766,305	59.44%	20,663,878	(\$0.00018)	(\$3,719)	24,791,403	54.55%	13,524,925	(\$0.00004)	(\$541)	26,593,634	54.55%	14,508,131	(\$0.00005)	(\$725)	\$4,403	(\$16,847)	(\$17,429)
Dec-16	Actual	42,181,471	62.32%	26,286,851	(\$0.00018)	(\$4,732)	26,173,403	56.53%	14,796,522	(\$0.00004)	(\$592)	27,126,203	56.53%	15,335,165	(\$0.00005)	(\$767)	\$4,986	(\$18,120)	(\$19,224)
Jan-17	Actual	50,372,534	48.76%	24,560,737	(\$0.00018)	(\$4,421)	29,745,039	50.08%	14,895,663	(\$0.00004)	(\$596)	27,777,988	50.82%	14,116,611	(\$0.00005)	(\$706)	\$6,090	(\$19,830)	(\$19,462)
Feb-17	Actual	43,277,470	43.45%	18,802,997	(\$0.00018)	(\$3,385)	27,089,498	48.16%	13,046,039	(\$0.00004)	(\$522)	27,435,574	50.57%	13,872,976	(\$0.00005)	(\$694)	\$5,723	(\$18,254)	(\$17,131)
Mar-17	Actual	41,077,561	53.80%	22,099,828	(\$0.00018)	(\$3,978)	26,608,155	54.88%	14,602,161	(\$0.00004)	(\$584)	27,034,182	55.40%	14,978,024	(\$0.00005)	(\$749)	\$4,600	(\$17,932)	(\$18,643)
Apr-17	Actual	38,443,545	48.52%	18,651,804	(\$0.00018)	(\$3,357)	26,162,244	54.92%	14,368,263	(\$0.00004)	(\$575)	26,958,211	57.83%	15,590,124	(\$0.00005)	(\$780)	\$5,311	(\$17,775)	(\$17,175)
May-17	Estimate	34,471,339	49.59%	17,094,633	(\$0.00018)	(\$3,077)	25,683,031	51.27%	13,167,560	(\$0.00004)	(\$527)	27,413,127	50.59%	13,869,297	(\$0.00005)	(\$693)	\$4,712	(\$16,968)	(\$16,553)
Jun-17	Estimate	37,277,272	57.90%	21,583,614	(\$0.00018)	(\$3,885)	27,716,240	54.27%	15,040,670	(\$0.00004)	(\$602)	30,914,584	48.96%	15,136,269	(\$0.00005)	(\$757)	\$4,297	(\$18,491)	(\$19,437)
Jul-17	Estimate	47,307,724	55.92%	26,453,458	(\$0.00018)	(\$4,762)	31,437,070	53.75%	16,898,890	(\$0.00004)	(\$676)	32,466,764	50.59%	16,426,116	(\$0.00005)	(\$821)	\$5,243	(\$20,932)	(\$21,947)
Total Aug-16 to Jul-17		503,776,627		248,817,779		(\$44,787)	337,717,037		172,356,389		(\$6,894)	349,003,839		177,376,522		(\$8,869)	\$47,682	(\$204,681)	(\$217,548)

		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	(p)	(q)	(r)
		Total Billed kWh - all classes except G2 demand and G1	Unbilled Factor	Unbilled kWh (a * b)	Proposed SCC	Unbilled SCC Revenue (c * d)	Total Billed kWh - G2 demand	Unbilled Factor	Unbilled kWh (f * g)	Proposed SCC	Unbilled SCC Revenue (h * i)	Total Billed kWh - G1	Unbilled Factor	Unbilled kWh (k * l)	Proposed SCC	Unbilled SCC Revenue (m * n)	Reversal of prior month unbilled (prior month, e + j + o)	Total Billed SCC Revenue	Total Revenue (e + j + o + p + q)
Aug-17	Estimate	48,145,807	42.25%	20,343,916	(\$0.00057)	(\$11,596)	31,403,109	45.22%	14,201,224	(\$0.00011)	(\$1,562)	35,867,469	49.78%	17,855,248	(\$0.00014)	(\$2,500)	\$6,259	(\$49,861)	(\$59,260)
Sep-17	Estimate	39,759,914	41.30%	16,422,678	(\$0.00057)	(\$9,361)	28,838,084	44.09%	12,715,250	(\$0.00011)	(\$1,399)	31,728,513	48.96%	15,534,781	(\$0.00014)	(\$2,175)	\$15,658	(\$56,765)	(\$54,041)
Oct-17	Estimate	35,998,738	54.24%	19,526,269	(\$0.00057)	(\$11,130)	26,364,959	51.16%	13,487,168	(\$0.00011)	(\$1,484)	28,250,440	50.59%	14,292,924	(\$0.00014)	(\$2,001)	\$12,934	(\$52,035)	(\$53,715)
Nov-17	Estimate	38,008,880	53.93%	20,499,214	(\$0.00057)	(\$11,685)	25,987,529	50.41%	13,101,546	(\$0.00011)	(\$1,441)	26,797,518	48.96%	13,120,489	(\$0.00014)	(\$1,837)	\$14,615	(\$51,729)	(\$52,077)
Dec-17	Estimate	44,468,815	54.32%	24,153,407	(\$0.00057)	(\$13,767)	26,770,343	51.83%	13,876,401	(\$0.00011)	(\$1,526)	27,491,764	50.59%	13,909,082	(\$0.00014)	(\$1,947)	\$14,963	(\$55,123)	(\$57,402)
Jan-18	Estimate	50,242,086	51.84%	26,048,004	(\$0.00057)	(\$14,847)	29,090,296	50.64%	14,731,365	(\$0.00011)	(\$1,620)	28,089,764	50.00%	14,044,882	(\$0.00014)	(\$1,966)	\$17,241	(\$58,909)	(\$60,102)
Feb-18	Estimate	46,756,660	45.53%	21,290,021	(\$0.00057)	(\$12,135)	27,851,000	46.81%	13,037,173	(\$0.00011)	(\$1,434)	27,631,113	47.46%	13,113,070	(\$0.00014)	(\$1,836)	\$18,434	(\$56,210)	(\$53,181)
Mar-18	Estimate	42,873,885	47.94%	20,555,458	(\$0.00057)	(\$11,717)	26,857,529	51.09%	13,720,781	(\$0.00011)	(\$1,509)	27,287,314	52.54%	14,337,402	(\$0.00014)	(\$2,007)	\$15,405	(\$54,605)	(\$54,433)
Apr-18	Estimate	39,504,743	44.49%	17,576,239	(\$0.00057)	(\$10,018)	26,909,901	47.91%	12,893,532	(\$0.00011)	(\$1,418)	27,308,060	49.18%	13,449,865	(\$0.00014)	(\$1,883)	\$15,233	(\$53,317)	(\$51,403)
May-18	Estimate	34,323,790	49.81%	17,097,505	(\$0.00057)	(\$9,746)	25,531,705	51.50%	13,148,458	(\$0.00011)	(\$1,446)	27,746,825	50.82%	14,080,518	(\$0.00014)	(\$1,971)	\$13,320	(\$49,648)	(\$49,492)
Jun-18	Estimate	37,131,538	58.16%	21,595,336	(\$0.00057)	(\$12,309)	27,563,219	54.51%	15,024,457	(\$0.00011)	(\$1,653)	31,217,663	49.18%	15,352,949	(\$0.00014)	(\$2,149)	\$13,163	(\$54,060)	(\$57,009)
Jul-18	Estimate	47,169,097	56.17%	26,493,809	(\$0.00057)	(\$15,101)	31,281,230	53.99%	16,890,244	(\$0.00011)	(\$1,858)	32,891,184	50.82%	16,715,192	(\$0.00014)	(\$2,340)	\$16,111	(\$61,454)	(\$64,042)
Total Aug-17 to Jul-18		504,383,952		251,601,857		(\$143,413)	334,448,906		166,827,597		(\$18,351)	352,307,626		175,806,403		(\$24,613)	\$173,336	(\$653,717)	(\$666,757)

(1) Actual Per billing system.

(2) Detail of Unbilled Factors shown on page 5.

Detail of Unbilled Factors for Residential and Outdoor Lighting Classes for use in all classes except G2 demand and G1 (column b, Page 4)

	<u>Billed kWh</u>	<u>Direct Estimate of Unbilled kWh</u>	<u>Unbilled kWh / Billed kWh</u>
Aug-15	49,912,312	24,224,396	48.53%
Sep-15	47,932,258	15,439,601	32.21%
Oct-15	34,314,343	18,100,620	52.75%
Nov-15	33,724,276	20,448,220	60.63%
Dec-15	39,711,766	20,191,454	50.85%
Jan-16	46,597,236	24,734,348	53.08%
Feb-16	44,512,978	17,930,838	40.28%
Mar-16	40,630,111	17,613,249	43.35%
Apr-16	36,740,391	14,171,643	38.57%

Detail of Unbilled Factors for Regular General Class for use in G2 demand class (column g, Page 4)

	<u>Billed kWh</u>	<u>Direct Estimate of Unbilled kWh</u>	<u>Unbilled kWh / Billed kWh</u>
Aug-15	34,683,885	15,585,079	44.93%
Sep-15	33,054,348	15,591,674	47.17%
Oct-15	26,635,662	13,159,015	49.40%
Nov-15	24,909,928	13,448,411	53.99%
Dec-15	26,508,746	12,967,673	48.92%
Jan-16	28,998,717	14,107,976	48.65%
Feb-16	29,846,820	13,372,231	44.80%
Mar-16	28,170,456	12,711,059	45.12%
Apr-16	26,886,172	11,539,601	42.92%

Detail of Unbilled Factors for Large General Class for use in G1 class (column l, Page 4)

	<u>Billed kWh</u>	<u>Direct Estimate of Unbilled kWh</u>	<u>Unbilled kWh / Billed kWh</u>
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%
Mar-16	28,508,137	12,863,428	45.12%
Apr-16	28,553,210	12,255,098	42.92%

UNITIL ENERGY SYSTEMS. INC.
CALCULATION OF THE EXTERNAL DELIVERY CHARGE
Effective August 1, 2017

1. (Over)/under Recovery - Beginning Balance August 1, 2017	\$2,302,779	Page 3 of 6
2. Estimated Total Costs (August 2017 - July 2018)	\$29,063,401	Page 3 of 6
3. Estimated Interest (August 2017 - July 2018)	<u>\$55,088</u>	Page 3 of 6
4. Costs to be Recovered (L.1 + L.2 + L.3)	\$31,421,268	L.1 + L.2 + L.3
5. Estimated Calendar Month Deliveries in kWh (August 2017 - July 2018) (1)	<u>1,191,465,060</u>	
6. External Delivery Charge (\$/kWh) (L. 4 / L. 5)	\$0.02637	

(1) Schedule LSM-2, page 5.

August 2017 - July 2018 Billed kWh	1,191,140,484
- July 2017 Unbilled kWh	(59,760,241)
+ July 2018 Unbilled kWh	<u>60,084,817</u>
Calendar Month Deliveries	1,191,465,060

		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)
		Beginning	Total Costs	Total Revenue	Ending	Average	Interest	Number of	Computed	Ending Balance
		Balance			Balance	Monthly	Rate	Days /	Interest	with Interest
					Before	Balance		Month		(d + h)
					Interest	((a+d) / 2)				
					(a + b - c)					
Aug-15	Actual	(\$718,790)(1)	\$2,639,857	\$2,555,386	(\$634,319)	(\$676,554)	3.25%	31	(\$5,591)(2)	(\$639,910)
Sep-15	Actual	(\$639,910)	\$2,705,130	\$2,273,032	(\$207,813)	(\$423,862)	3.25%	30	(\$1,345)(3)	(\$209,158)
Oct-15	Actual	(\$209,158)	\$1,885,345	\$1,886,048	(\$209,861)	(\$209,510)	3.25%	31	(\$578)	(\$210,439)
Nov-15	Actual	(\$210,439)	\$1,372,374	\$1,916,313	(\$754,378)	(\$482,409)	3.25%	30	(\$1,289)	(\$755,667)
Dec-15	Actual	(\$755,667)	\$2,299,640	\$1,952,798	(\$408,825)	(\$582,246)	3.25%	31	(\$1,607)	(\$410,432)
Jan-16	Actual	(\$410,432)	\$1,749,832	\$2,330,663	(\$991,263)	(\$700,848)	3.25%	31	(\$1,929)	(\$993,192)
Feb-16	Actual	(\$993,192)	\$2,132,259	\$2,045,815	(\$906,748)	(\$949,970)	3.25%	29	(\$2,446)	(\$909,195)
Mar-16	Actual	(\$909,195)	\$1,583,764	\$2,044,859	(\$1,370,290)	(\$1,139,742)	3.25%	31	(\$3,137)	(\$1,373,427)
Apr-16	Actual	(\$1,373,427)	\$1,879,251	\$1,853,193	(\$1,347,369)	(\$1,360,398)	3.50%	30	(\$3,903)	(\$1,351,272)
May-16	Actual	(\$1,813,490)(4)	\$2,125,817	\$1,850,344	(\$1,538,017)	(\$1,675,754)	3.50%	31	(\$4,968)	(\$1,542,985)
Jun-16	Actual	(\$1,542,985)	\$2,552,408	\$2,184,233	(\$1,174,810)	(\$1,358,897)	3.50%	30	(\$3,898)	(\$1,178,708)
Jul-16	Actual	(\$1,178,708)	<u>\$3,097,806</u>	<u>\$2,618,798</u>	(\$699,700)	(\$939,204)	3.50%	31	<u>(\$2,784)</u>	(\$702,484)
Total Aug-15 to Jul-16			\$26,023,482	\$25,511,482					(\$33,476)	

		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)
		Beginning	Total Costs	Total Revenue	Ending	Average	Interest	Number of	Computed	Ending Balance
		Balance			Balance	Monthly	Rate	Days /	Interest	with Interest
					Before	Balance		Month		(d + h)
					Interest	((a+d) / 2)				
					(a + b - c)					
Aug-16	Actual	(\$702,484)	\$2,975,024	\$2,538,083	(\$265,544)	(\$484,014)	3.50%	31	(\$1,435)	(\$266,979)
Sep-16	Actual	(\$266,979)	\$2,747,086	\$2,174,580	\$305,528	\$19,275	3.50%	30	\$55	\$305,583
Oct-16	Actual	\$305,583	\$1,670,837	\$1,898,942	\$77,477	\$191,530	3.50%	31	\$568	\$78,045
Nov-16	Actual	\$78,045	\$2,145,848	\$1,920,900	\$302,993	\$190,519	3.50%	30	\$547	\$303,540
Dec-16	Actual	\$303,540	\$2,425,802	\$2,212,350	\$516,991	\$410,265	3.50%	31	\$1,216	\$518,207
Jan-17	Actual	\$518,207	\$2,061,878	\$2,253,272	\$326,813	\$422,510	3.50%	31	\$1,256	\$328,069
Feb-17	Actual	\$328,069	\$2,111,037	\$1,929,115	\$509,991	\$419,030	3.50%	28	\$1,125	\$511,116
Mar-17	Actual	\$511,116	\$1,884,660	\$2,157,958	\$237,818	\$374,467	3.50%	31	\$1,113	\$238,931
Apr-17	Actual	\$238,931	\$1,733,812	\$1,897,986	\$74,757	\$156,844	3.75%	30	\$483	\$75,240
May-17	Estimate	(\$473,790)(5)	\$2,427,202	\$1,780,898	\$172,514	(\$150,638)	3.75%	31	(\$480)	\$172,034
Jun-17	Estimate	\$172,034	\$4,121,549	\$2,219,002	\$2,074,581	\$1,123,308	3.75%	30	\$3,462	\$2,078,043
Jul-17	Estimate	\$2,078,043	<u>\$2,773,748</u>	<u>\$2,556,441</u>	\$2,295,350	\$2,186,697	4.00%	31	<u>\$7,429</u>	\$2,302,779
Total Aug-16 to Jul-17			\$29,078,481	\$25,539,527					\$15,340	

(1) Includes VMP/REP reconciliation of (\$452,052), as filed in DE 15-082 on February 27, 2015, and as included in DE 15-244, UES's Annual EDC filing. The NHPUC approved UES's EDC filing on July 23, 2015 by Order No. 25,799.

(2) Includes (\$3,723.48) to adjust interest for VMP/REP balance, moved in August instead of May 2015.

(3) Includes (\$212.67) to adjust interest for trueup made to EDC Portion of the annual PUC Assessment.

(4) Includes VMP/REP reconciliation of (\$462,218), as filed in DE 16-276 on March 1, 2016.

(5) Estimate includes VMP/REP reconciliation of (\$549,030), as filed in DE 17-033 on February 27, 2017.

Unitil Energy Systems, Inc.
 Reconciliation of External Delivery Costs and Revenues

		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)
		Beginning	Total Costs	Total Revenue	Ending	Average	Interest	Number of	Computed	Ending Balance
		Balance			Balance	Monthly	Rate	Days /	Interest	with Interest
					Before	Balance		Month		(d + h)
					Interest	((a+d) / 2)				
					(a + b - c)					
Aug-17	Estimate	\$2,302,779	\$3,231,520	\$2,850,099	\$2,684,200	\$2,493,490	4.00%	31	\$8,471	\$2,692,671
Sep-17	Estimate	\$2,692,671	\$2,635,647	\$2,441,717	\$2,886,601	\$2,789,636	4.00%	30	\$9,171	\$2,895,772
Oct-17	Estimate	\$2,895,772	\$1,834,631	\$2,457,788	\$2,272,615	\$2,584,193	4.00%	31	\$8,779	\$2,281,394
Nov-17	Estimate	\$2,281,394	\$2,234,569	\$2,378,740	\$2,137,224	\$2,209,309	4.00%	30	\$7,263	\$2,144,487
Dec-17	Estimate	\$2,144,487	\$2,474,937	\$2,741,309	\$1,878,115	\$2,011,301	4.00%	31	\$6,833	\$1,884,948
Jan-18	Estimate	\$1,884,948	\$2,210,523	\$2,909,049	\$1,186,422	\$1,535,685	4.00%	31	\$5,217	\$1,191,639
Feb-18	Estimate	\$1,191,639	\$2,385,346	\$2,501,850	\$1,075,136	\$1,133,388	4.00%	28	\$3,478	\$1,078,614
Mar-18	Estimate	\$1,078,614	\$1,983,160	\$2,589,686	\$472,087	\$775,350	4.00%	31	\$2,634	\$474,721
Apr-18	Estimate	\$474,721	\$2,056,740	\$2,348,799	\$182,662	\$328,692	4.00%	30	\$1,081	\$183,743
May-18	Estimate	\$183,743	\$2,348,252	\$2,319,405	\$212,590	\$198,167	4.00%	31	\$673	\$213,263
Jun-18	Estimate	\$213,263	\$2,855,375	\$2,730,014	\$338,624	\$275,944	4.00%	30	\$907	\$339,532
Jul-18	Estimate	\$339,532	<u>\$2,812,701</u>	<u>\$3,150,479</u>	\$1,754	\$170,643	4.00%	31	<u>\$580</u>	\$2,334
Total Aug-17 to Jul-18			\$29,063,401	\$31,418,934					\$55,088	

		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)
		Total Billed kWh (1)	Unbilled Factor (2)	Unbilled kWh (a * b)	EDC (\$/kWh)	Unbilled EDC Revenue (c * d)	Reversal of prior month unbilled	Total Billed EDC Revenue (1)	Total Revenue (e + f + g)
Aug-15	Actual	118,052,728	46.46%	54,843,047	\$0.02131	\$1,168,705	(\$978,710)	\$2,365,391	\$2,555,386
Sep-15	Actual	114,610,029	40.91%	46,891,380	\$0.02131	\$999,255	(\$1,168,705)	\$2,442,483	\$2,273,032
Oct-15	Actual	89,853,566	50.68%	45,539,078	\$0.02131	\$970,438	(\$999,255)	\$1,914,866	\$1,886,048
Nov-15	Actual	86,512,214	56.58%	48,947,455	\$0.02131	\$1,043,070	(\$970,438)	\$1,843,681	\$1,916,313
Dec-15	Actual	93,886,299	49.73%	46,692,806	\$0.02131	\$995,024	(\$1,043,070)	\$2,000,845	\$1,952,798
Jan-16	Actual	103,593,190	50.64%	52,463,076	\$0.02131	\$1,117,988	(\$995,024)	\$2,207,698	\$2,330,663
Feb-16	Actual	103,915,861	42.87%	44,545,033	\$0.02131	\$949,255	(\$1,117,988)	\$2,214,548	\$2,045,815
Mar-16	Actual	97,308,704	44.38%	43,187,736	\$0.02131	\$920,331	(\$949,255)	\$2,073,783	\$2,044,859
Apr-16	Actual	92,179,772	41.19%	37,966,341	\$0.02131	\$809,063	(\$920,331)	\$1,964,461	\$1,853,193
May-16	Actual	83,961,211	48.63%	40,829,623	\$0.02131	\$870,079	(\$809,063)	\$1,789,327	\$1,850,344
Jun-16	Actual	96,229,313	48.94%	47,093,275	\$0.02131	\$1,003,558	(\$870,079)	\$2,050,754	\$2,184,233
Jul-16	Actual	<u>110,915,755</u>	53.25%	<u>59,066,903</u>	\$0.02131	<u>\$1,258,716</u>	<u>(\$1,003,558)</u>	<u>\$2,363,640</u>	<u>\$2,618,798</u>
Total Aug-15 to Jul-16		1,191,018,641		568,065,752		\$12,105,481	(\$11,825,476)	\$25,231,477	\$25,511,482

(1) Actual per billing system

(2) Detail of Unbilled Factors used in actuals for all classes shown on page 6.

		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)
		Total Billed kWh	Unbilled Factor	Unbilled kWh (a * b)	EDC (\$/kWh)	Unbilled EDC Revenue (c * d)	Reversal of prior month unbilled	Total Billed EDC Revenue	Total Revenue (e + f + g)
Aug-16	Actual	128,650,392	37.92%	48,790,335	\$0.02144	\$1,046,065	(\$1,258,716)	\$2,750,734	\$2,538,083
Sep-16	Actual	106,000,116	41.71%	44,215,690	\$0.02144	\$947,984	(\$1,046,065)	\$2,272,660	\$2,174,580
Oct-16	Actual	87,545,425	51.67%	45,238,283	\$0.02144	\$969,909	(\$947,984)	\$1,877,018	\$1,898,942
Nov-16	Actual	86,151,341	56.51%	48,680,766	\$0.02144	\$1,043,716	(\$969,909)	\$1,847,093	\$1,920,900
Dec-16	Actual	95,481,077	59.06%	56,386,870	\$0.02144	\$1,208,934	(\$1,043,716)	\$2,047,132	\$2,212,350
Jan-17	Actual	107,895,561	49.66%	53,583,570	\$0.02144	\$1,148,832	(\$1,208,934)	\$2,313,375	\$2,253,272
Feb-17	Actual	97,802,542	46.79%	45,756,984	\$0.02144	\$981,030	(\$1,148,832)	\$2,096,917	\$1,929,115
Mar-17	Actual	94,719,898	54.57%	51,687,231	\$0.02144	\$1,108,174	(\$981,030)	\$2,030,813	\$2,157,958
Apr-17	Actual	91,564,001	53.13%	48,647,892	\$0.02144	\$1,043,011	(\$1,108,174)	\$1,963,149	\$1,897,986
May-17	Estimate	87,567,497	50.41%	44,144,658	\$0.02144	\$946,461	(\$1,043,011)	\$1,877,447	\$1,780,898
Jun-17	Estimate	95,908,096	53.94%	51,734,802	\$0.02144	\$1,109,194	(\$946,461)	\$2,056,270	\$2,219,002
Jul-17	Estimate	<u>111,211,558</u>	53.74%	<u>59,760,241</u>	\$0.02144	<u>\$1,281,260</u>	<u>(\$1,109,194)</u>	<u>\$2,384,376</u>	<u>\$2,556,441</u>
Total Aug-16 to Jul-17		1,190,497,503		598,627,323		\$12,834,570	(\$12,812,026)	\$25,516,984	\$25,539,527

Unitil Energy Systems, Inc.
External Delivery Revenues

		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)
		Total Billed kWh	Unbilled Factor	Unbilled kWh (a * b)	EDC (\$/kWh)	Unbilled EDC Revenue (c * d)	Reversal of prior month unbilled	Total Billed EDC Revenue	Total Revenue (e + f + g)
Aug-17	Estimate	115,416,384	45.42%	52,424,954	\$0.02637	\$1,382,446	(\$1,281,260)	\$2,748,912	\$2,850,099
Sep-17	Estimate	100,326,511	44.55%	44,692,952	\$0.02637	\$1,178,553	(\$1,382,446)	\$2,645,610	\$2,441,717
Oct-17	Estimate	90,614,137	52.18%	47,282,775	\$0.02637	\$1,246,847	(\$1,178,553)	\$2,389,495	\$2,457,788
Nov-17	Estimate	90,793,928	51.43%	46,695,125	\$0.02637	\$1,231,350	(\$1,246,847)	\$2,394,236	\$2,378,740
Dec-17	Estimate	98,730,922	52.59%	51,919,786	\$0.02637	\$1,369,125	(\$1,231,350)	\$2,603,534	\$2,741,309
Jan-18	Estimate	107,422,146	51.03%	54,814,261	\$0.02637	\$1,445,452	(\$1,369,125)	\$2,832,722	\$2,909,049
Feb-18	Estimate	102,238,772	46.41%	47,450,328	\$0.02637	\$1,251,265	(\$1,445,452)	\$2,696,036	\$2,501,850
Mar-18	Estimate	97,018,729	50.13%	48,637,370	\$0.02637	\$1,282,567	(\$1,251,265)	\$2,558,384	\$2,589,686
Apr-18	Estimate	93,762,704	46.87%	43,945,540	\$0.02637	\$1,158,844	(\$1,282,567)	\$2,472,523	\$2,348,799
May-18	Estimate	87,562,320	50.64%	44,339,411	\$0.02637	\$1,169,230	(\$1,158,844)	\$2,309,018	\$2,319,405
Jun-18	Estimate	95,912,420	54.17%	51,954,253	\$0.02637	\$1,370,034	(\$1,169,230)	\$2,529,211	\$2,730,014
Jul-18	Estimate	<u>111,341,510</u>	53.96%	60,084,817	\$0.02637	<u>\$1,584,437</u>	<u>(\$1,370,034)</u>	<u>\$2,936,076</u>	<u>\$3,150,479</u>
Total Aug-17 to Jul-18		1,191,140,484		594,241,572		\$15,670,150	(\$15,366,973)	\$31,115,757	\$31,418,934

	<u>Billed kWh</u>	<u>Direct Estimate of Unbilled kWh</u>	<u>Unbilled kWh / Billed kWh</u>
Aug-15	118,052,728	54,843,047	46.46%
Sep-15	114,610,029	46,891,380	40.91%
Oct-15	89,853,566	45,539,078	50.68%
Nov-15	86,512,214	48,947,455	56.58%
Dec-15	93,886,299	46,692,806	49.73%
Jan-16	103,593,190	52,463,076	50.64%
Feb-16	103,915,861	44,545,033	42.87%
Mar-16	97,308,704	43,187,736	44.38%
Apr-16	92,179,772	37,966,341	41.19%
May-16	83,961,211	40,829,623	48.63%
Jun-16	96,229,313	47,093,275	48.94%
Jul-16	110,915,755	59,066,903	53.25%
Aug-16	128,650,392	48,790,335	37.92%
Sep-16	106,000,116	44,215,690	41.71%
Oct-16	87,545,425	45,238,283	51.67%
Nov-16	86,151,341	48,680,766	56.51%
Dec-16	95,481,077	56,386,870	59.06%
Jan-17	107,895,561	53,583,570	49.66%
Feb-17	97,802,542	45,756,984	46.79%
Mar-17	94,719,898	51,687,231	54.57%
Apr-17	91,564,001	48,647,892	53.13%

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

Seventeenth~~Sixteenth~~ Revised Page 65
 Superseding Sixteenth~~Issued in lieu of Fifteenth~~ Revised Page 65

CALCULATION OF THE STRANDED COST CHARGE

Uniform per kWh Charge

1. (Over)/under Recovery - Beginning Balance August 1, 2017 6	(\$189,288)	(\$402,468)
2. Estimated Total Costs (August 2017 6 - July 2018 7)	(\$16,116)	(\$269,100)
3. Estimated Interest (August 2017 6 - July 2018 7)	(\$3,028)	(\$8,418)
4. Costs to be Recovered (L.1 + L.2 + L.3)	(\$208,432)	(\$679,986)
5. Estimated Calendar Month Deliveries in kWh (August 2017 6 - July 2018 7)	<u>1,185,546.760</u>	<u>1,191,465.060</u>
6. Stranded Cost Charge (\$/kWh) (L.4 / L.5)	(\$0.00018)	(\$0.00057)
Class D, D - Controlled Off Peak Water Heating, G2 - kWh meter, G2 - Quick Recovery Water Heating, G2 - Space Heating, <u>G2 Controlled Off Peak Water Heating, OL</u>		
7. Stranded Cost Charge (\$/kWh) (L.6)	(\$0.00018)	(\$0.00057)
<u>Class G2 (1)</u>		
8. Estimated G2 Demand Revenue (August 2017 6 - July 2018 7)	(\$48,568)	(\$152,406)
9. Estimated G2 Deliveries in kW (August 2017 6 - July 2018 7)	<u>1,349,005</u>	<u>1,333,442</u>
10. Stranded Cost Charge (\$/kW) (L. 8 / L. 9)	(\$0.04)	(\$0.11)
11. G2 Energy Revenue (August 2017 6 - July 2018 7)	(\$12,143)	(\$38,225)
12. Estimated G2 Calendar Month Deliveries in kWh (August 2017 6 - July 2018 7)	<u>337,283.415</u>	<u>334,440.260</u>
13. Stranded Cost Charge (\$/kWh) (L.11 / L.12)	(\$0.00004)	(\$0.00011)
<u>Class G1 (1)</u>		
14. Estimated G1 Demand Revenue (August 2017 6 - July 2018 7)	(\$47,697)	(\$150,302)
15. Estimated G1 Deliveries in kVA (August 2017 6 - July 2018 7)	<u>1,048,547</u>	<u>1,045,750</u>
16. Stranded Cost Charge (\$/kVA) (L. 14 / L. 15)	(\$0.05)	(\$0.14)
17. G1 Energy Revenue (August 2017 6 - July 2018 7)	(\$16,130)	(\$50,678)
18. Estimated G1 Calendar Month Deliveries in kWh (August 2017 6 - July 2018 7)	<u>354,590.940</u>	<u>352,596.702</u>
19. Stranded Cost Charge (\$/kWh) (L.17 / L.18)	(\$0.00005)	(\$0.00014)

(1) Demand and energy calculated based on ratio of demand and energy revenue under current rates.

Authorized by NHPUC Order No. ~~25,928~~ in Case No. DE 17~~6-668~~, dated ~~July 27, 2016~~

Issued: June 16, 2017~~6~~
 Effective: August 1, 2017~~6~~

Issued By: Mark H. Collin
 Sr. Vice President

CALCULATION OF THE EXTERNAL DELIVERY CHARGE

1. (Over)/under Recovery - Beginning Balance August 1, 2017 6	(\$745,296)	\$2,302,779
2. Estimated Total Costs (August 2017 6 - July 2018 7)	\$26,164,782	\$29,063,401
3. Estimated Interest (August 2017 6 - July 2018 7)	(\$6,875)	<u>\$55,088</u>
4. Costs to be Recovered (L.1 + L.2 + L.3)	\$25,412,611	\$31,421,268
5. Estimated Calendar Month Deliveries in kWh (August 2017 6 - July 2018 7)	1,185,546,760	<u>1,191,465,060</u>
6. External Delivery Charge (\$/kWh) (L. 4 / L. 5)	\$0.02144	\$0.02637

Authorized by NHPUC Order No. ~~25,928~~ in Case No. DE 1716-~~668~~, dated ~~July 27, 2016~~

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Issued By: Mark H. Collin
Sr. Vice President

SUMMARY OF DELIVERY SERVICE RATES (Includes Electricity Consumption Tax)

The effective rates listed below include an Electricity Consumption Tax, assessed in accordance with NH Statute RSA Chapter 83-E. This tax, collected on behalf of the State of NH by each electric utility, is based on kWh consumed. Each bill rendered for electric delivery service shall be calculated through the application of the effective rates as listed below.

Class		Distribution Charge*	External Delivery Charge**	External Delivery Charge**	Stranded Cost- Charge**	Stranded Cost Charge**	Storm Recovery Adjustment Factor***	System Benefits Charge****	Total Delivery Charges	Total Delivery Charges	Electricity Consumption Tax	Effective Delivery Rate (Incl. Electricity Consumption Tax)	Effective Delivery Rate (Incl. Electricity Consumption Tax)
D	Customer Charge	\$15.24						(1)	\$15.24	\$15.24		\$15.24	\$15.24
	All kWh	\$0.03682	\$0.02144	\$0.02637	(\$0.00018)	(\$0.00057)	\$0.00139	\$0.00357	\$0.06304	\$0.06758	\$0.00055	\$0.06350	\$0.06813
G2	Customer Charge	\$27.43							\$27.43	\$27.43		\$27.43	\$27.43
	All kW	\$10.35			(\$0.04)	(\$0.11)			\$10.31	\$10.24		\$10.31	\$10.24
	All kWh	\$0.00116	\$0.02144	\$0.02637	(\$0.00004)	(\$0.00011)	\$0.00139	\$0.00357	\$0.02752	\$0.03238	\$0.00055	\$0.02807	\$0.03293
G2 - kWh meter	Customer Charge	\$17.27							\$17.27	\$17.27		\$17.27	\$17.27
	All kWh	\$0.01556	\$0.02144	\$0.02637	(\$0.00018)	(\$0.00057)	\$0.00139	\$0.00357	\$0.04178	\$0.04632	\$0.00055	\$0.04233	\$0.04687
G2 - Quick Recovery Water Heat and/or Space Heat	Customer Charge	\$9.14							\$9.14	\$9.14		\$9.14	\$9.14
	All kWh	\$0.03265	\$0.02144	\$0.02637	(\$0.00018)	(\$0.00057)	\$0.00139	\$0.00357	\$0.05887	\$0.06341	\$0.00055	\$0.05942	\$0.06396
G1	Customer Charge	\$152.40	Secondary Voltage						\$152.40	\$152.40		\$152.40	\$152.40
	Customer Charge	\$81.28	Primary Voltage						\$81.28	\$81.28		\$81.28	\$81.28
	All kVA	\$7.42			(\$0.05)	(\$0.14)			\$7.37	\$7.28		\$7.37	\$7.28
	All kWh	\$0.00116	\$0.02144	\$0.02637	(\$0.00005)	(\$0.00014)	\$0.00139	\$0.00357	\$0.02751	\$0.03235	\$0.00055	\$0.02806	\$0.03290
ALL GENERAL	Transformer Ownership Credit (kW/kVA)												(\$0.50)
	Voltage Discount at 4,160 Volts or Over (all kW/kVA and kWh)												2.00%
	Voltage Discount at 34,500 Volts or Over (all kW/kVA and kWh)												3.50%

(1) Includes low-income portion of \$0.00150 per kWh, energy efficiency portion of \$0.00198 per kWh and lost base revenue portion of \$0.00009 per kW

* Authorized by NHPUC Order No. 26,007 in Case No. DE 16-384, dated April 20, 2017
 ** Authorized by NHPUC Order No. ~~25,928~~ in Case No. DE 17-668, dated ~~July 27, 2016~~
 *** Authorized by NHPUC Order No. 25,351 in Case No. DE 11-277, dated April 24, 2012
 **** Authorized by NHPUC Order No. 25,976 in Case No. DE 14-216, dated December 23, 2016

Issued: June 16, 2017
 Effective: August 1, 2017

Issued By: Mark H. Collin
 Sr. Vice President

SUMMARY OF DELIVERY SERVICE RATES (Includes Electricity Consumption Tax) (continued)

Class	Distribution Charge*	External Delivery Charge**	Stranded Cost Charge**	Storm Recovery Adjustment Factor***	System Benefits Charge**** (1)	Total Delivery Charges	Electricity Consumption Tax	Effective Delivery Rates (Incl. Electricity Consumption Tax)
OL								
All kWh	\$0.00116	\$0.02144 \$0.02637	(\$0.00018) (\$0.00057)	\$0.00139	\$0.00357	\$0.02738 \$0.03192	\$0.00055	\$0.02793 0.03247

Luminaire Charges

Nominal Watts	Lamp Size Lumens (Approx.)	All-Night Service Monthly kWh	Midnight Service Monthly kWh	Description	Price Per Luminaire	
					Per Mo.	Per Year
100	3,500	43	20	Mercury Vapor Street	\$12.96	\$155.52
175	7,000	71	33	Mercury Vapor Street	\$15.37	\$184.44
250	11,000	100	46	Mercury Vapor Street	\$17.42	\$209.04
400	20,000	157	73	Mercury Vapor Street	\$20.75	\$249.00
1,000	60,000	372	173	Mercury Vapor Street	\$41.19	\$494.28
250	11,000	100	46	Mercury Vapor Flood	\$18.56	\$222.72
400	20,000	157	73	Mercury Vapor Flood	\$22.21	\$266.52
1,000	60,000	380	176	Mercury Vapor Flood	\$36.80	\$441.60
100	3,500	48	22	Mercury Vapor Power Bracket	\$13.09	\$157.08
175	7,000	71	33	Mercury Vapor Power Bracket	\$14.52	\$174.24
50	4,000	23	11	Sodium Vapor Street	\$13.20	\$158.40
100	9,500	48	22	Sodium Vapor Street	\$14.85	\$178.20
150	16,000	65	30	Sodium Vapor Street	\$14.92	\$179.04
250	30,000	102	47	Sodium Vapor Street	\$18.68	\$224.16
400	50,000	161	75	Sodium Vapor Street	\$23.55	\$282.60
1,000	140,000	380	176	Sodium Vapor Street	\$40.67	\$488.04
150	16,000	65	30	Sodium Vapor Flood	\$17.19	\$206.28
250	30,000	102	47	Sodium Vapor Flood	\$20.27	\$243.24
400	50,000	161	75	Sodium Vapor Flood	\$23.02	\$276.24
1,000	140,000	380	176	Sodium Vapor Flood	\$41.03	\$492.36
50	4,000	23	11	Sodium Vapor Power Bracket	\$12.21	\$146.52
100	9,500	48	22	Sodium Vapor Power Bracket	\$13.71	\$164.52
175	8,800	74	34	Metal Halide Street	\$19.44	\$233.28
250	13,500	102	47	Metal Halide Street	\$21.13	\$253.56
400	23,500	158	73	Metal Halide Street	\$21.92	\$263.04
175	8,800	74	34	Metal Halide Flood	\$22.45	\$269.40
250	13,500	102	47	Metal Halide Flood	\$24.24	\$290.88
400	23,500	158	73	Metal Halide Flood	\$24.28	\$291.36
1,000	86,000	374	174	Metal Halide Flood	\$31.46	\$377.52
175	8,800	74	34	Metal Halide Power Bracket	\$18.19	\$218.28
250	13,500	102	47	Metal Halide Power Bracket	\$19.34	\$232.08
400	23,500	158	73	Metal Halide Power Bracket	\$20.67	\$248.04
42	3,600	15	7	LED Area Light Fixture	\$12.85	\$154.20
57	5,200	20	9	LED Area Light Fixture	\$12.89	\$154.68
25	3,000	9	4	LED Cobra Head Fixture	\$12.80	\$153.60
88	8,300	30	14	LED Cobra Head Fixture	\$12.98	\$155.76
108	11,500	37	17	LED Cobra Head Fixture	\$13.04	\$156.48
193	21,000	67	31	LED Cobra Head Fixture	\$13.29	\$159.48
123	12,180	43	20	LED Flood Light Fixture	\$13.09	\$157.08
194	25,700	67	31	LED Flood Light Fixture	\$13.30	\$159.60
297	38,100	103	48	LED Flood Light Fixture	\$13.60	\$163.20

(1) Includes low-income portion of \$0.00150 per kWh, energy efficiency portion of \$0.00198 per kWh and lost base revenue portion of \$0.00009 per kWh.

* Authorized by NHPUC Order No. 26,007 in Case No. DE 16-384, dated April 20, 2017

** Authorized by NHPUC Order No. 25,928 in Case No. DE 17-668, dated July 27, 2016

*** Authorized by NHPUC Order No. 25,351 in Case No. DE 11-277, dated April 24, 2012

**** Authorized by NHPUC Order No. 25,976 in Case No. DE 14-216, dated December 23, 2016

**SUMMARY OF LOW-INCOME
 ELECTRIC ASSISTANCE PROGRAM DISCOUNTS**

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

Tier	Percentage of Federal Poverty Guidelines	Discount (5)	Blocks	LI-EAP discount Delivery Only; Excludes Supply	LI-EAP discount Delivery Only; Excludes Supply	LI-EAP discount Fixed Default Service Supply Only	LI-EAP discount Variable Default Service Supply Only									
				Jun-Nov 2017 (1)	Aug-Nov 2017 (1)	Jun-Nov 2017 (2) Aug-Nov 2017 (2)	Jun-17 (3)	Jul-17 (3)	Aug-17 (3)	Sep-17 (3)	Oct-17 (3)	Nov-17 (3)				
1 (4)	N/A	N/A														
2	151 - 200	8%	Customer Charge	(\$1.22)	(\$1.22)											
			First 750 kWh	(\$0.00504)	(\$0.00541)	(\$0.00631)	(\$0.00617)	(\$0.00616)	(\$0.00630)	(\$0.00638)	(\$0.00631)	(\$0.00656)				
			Excess 750 kWh	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000
3	126 - 150	22%	Customer Charge	(\$3.35)	(\$3.35)											
0029			First 750 kWh	(\$0.01387)	(\$0.01487)	(\$0.01735)	(\$0.01697)	(\$0.01694)	(\$0.01733)	(\$0.01754)	(\$0.01735)	(\$0.01805)				
			Excess 750 kWh	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000
4	101 - 125	36%	Customer Charge	(\$5.49)	(\$5.49)											
			First 750 kWh	(\$0.02269)	(\$0.02433)	(\$0.02839)	(\$0.02777)	(\$0.02772)	(\$0.02835)	(\$0.02870)	(\$0.02839)	(\$0.02953)				
			Excess 750 kWh	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000
5	76 - 100	52%	Customer Charge	(\$7.92)	(\$7.92)											
			First 750 kWh	(\$0.03278)	(\$0.03514)	(\$0.04101)	(\$0.04011)	(\$0.04004)	(\$0.04095)	(\$0.04145)	(\$0.04100)	(\$0.04266)				
			Excess 750 kWh	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000
6	0 - 75	76%	Customer Charge	(\$11.58)	(\$11.58)											
			First 750 kWh	(\$0.04791)	(\$0.05136)	(\$0.05993)	(\$0.05863)	(\$0.05852)	(\$0.05985)	(\$0.06059)	(\$0.05993)	(\$0.06234)				
			Excess 750 kWh	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$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 July 1, 2016 in accordance with Order No. 25-901 in DE 14-078.

Authorized by NHPUC Order No. 26,004 in Case No. DE 17- 038, dated April 10, 2017

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

Residential Rate D 650 kWh Bill

Rate Components	6/1/2017	8/1/2017	Difference	Current Bill*	As Revised Bill*	Difference	%
	Current Rate	As Revised					Difference to
							Total Bill
Customer Charge	\$15.24	\$15.24	\$0.00	\$15.24	\$15.24	\$0.00	0.0%
	<u>\$/kWh</u>	<u>\$/kWh</u>					
Distribution Charge	\$0.03682	\$0.03682	\$0.00000	\$23.93	\$23.93	\$0.00	0.0%
External Delivery Charge	\$0.02144	\$0.02637	\$0.00493	\$13.94	\$17.14	\$3.20	3.0%
Stranded Cost Charge	(\$0.00018)	(\$0.00057)	(\$0.00039)	(\$0.12)	(\$0.37)	(\$0.25)	(0.2%)
Storm Recovery Adj.	\$0.00139	\$0.00139	\$0.00000	\$0.90	\$0.90	\$0.00	0.0%
System Benefits Charge	\$0.00357	\$0.00357	\$0.00000	\$2.32	\$2.32	\$0.00	0.0%
Default Service Charge	<u>\$0.07886</u>	<u>\$0.07886</u>	<u>\$0.00000</u>	<u>\$51.26</u>	<u>\$51.26</u>	<u>\$0.00</u>	<u>0.0%</u>
Total kWh Charges	\$0.14190	\$0.14644	\$0.00454				
Total Bill				\$107.48	\$110.43	\$2.95	2.7%

Regular General G2 Demand, 11 kW, 2,800 kWh Typical Bill

Rate Components	6/1/2017	8/1/2017	Difference	Current Bill*	As Revised Bill*	Difference	%
	Current Rate	As Revised					Difference to
							Total Bill
Customer Charge	\$27.43	\$27.43	\$0.00	\$27.43	\$27.43	\$0.00	0.0%
	<u>All kW</u>	<u>All kW</u>					
Distribution Charge	\$10.35	\$10.35	\$0.00	\$113.85	\$113.85	\$0.00	0.0%
Stranded Cost Charge	(\$0.04)	(\$0.11)	(\$0.07)	(\$0.44)	(\$1.21)	(\$0.77)	(0.2%)
Total kW Charges	\$10.31	\$10.24	(\$0.07)	\$113.41	\$112.64	(\$0.77)	(0.2%)
	<u>\$/kWh</u>	<u>\$/kWh</u>					
Distribution Charge	\$0.00116	\$0.00116	\$0.00000	\$3.25	\$3.25	\$0.00	0.0%
External Delivery Charge	\$0.02144	\$0.02637	\$0.00493	\$60.03	\$73.84	\$13.80	3.2%
Stranded Cost Charge	(\$0.00004)	(\$0.00011)	(\$0.00007)	(\$0.11)	(\$0.31)	(\$0.20)	(0.0%)
Storm Recovery Adj.	\$0.00139	\$0.00139	\$0.00000	\$3.89	\$3.89	\$0.00	0.0%
System Benefits Charge	\$0.00357	\$0.00357	\$0.00000	\$10.00	\$10.00	\$0.00	0.0%
Default Service Charge	<u>\$0.07556</u>	<u>\$0.07556</u>	<u>\$0.00000</u>	<u>\$211.57</u>	<u>\$211.57</u>	<u>\$0.00</u>	<u>0.0%</u>
Total kWh Charges	\$0.10308	\$0.10794	\$0.00486				
Total Bill				\$429.46	\$442.30	\$12.84	3.0%

* Impacts do not include the Electricity Consumption Tax.

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

<u>Regular General G2 Quick Recovery Water Heating and Space Heating 1,660 kWh Typical Bill</u>							
	6/1/2017	8/1/2017					%
<u>Rate Components</u>	<u>Current Rate</u>	<u>As Revised</u>	<u>Difference</u>	<u>Current Bill*</u>	<u>As Revised Bill*</u>	<u>Difference</u>	<u>Difference to Total Bill</u>
Customer Charge	\$9.14	\$9.14	\$0.00	\$9.14	\$9.14	\$0.00	0.0%
	<u>\$/kWh</u>	<u>\$/kWh</u>					
Distribution Charge	\$0.03265	\$0.03265	\$0.00000	\$54.20	\$54.20	\$0.00	0.0%
External Delivery Charge	\$0.02144	\$0.02637	\$0.00493	\$35.59	\$43.77	\$8.18	3.5%
Stranded Cost Charge	(\$0.00018)	(\$0.00057)	(\$0.00039)	(\$0.30)	(\$0.95)	(\$0.65)	(0.3%)
Storm Recovery Adj.	\$0.00139	\$0.00139	\$0.00000	\$2.31	\$2.31	\$0.00	0.0%
System Benefits Charge	\$0.00357	\$0.00357	\$0.00000	\$5.93	\$5.93	\$0.00	0.0%
Default Service Charge	<u>\$0.07556</u>	<u>\$0.07556</u>	<u>\$0.00000</u>	<u>\$125.43</u>	<u>\$125.43</u>	<u>\$0.00</u>	<u>0.0%</u>
Total kWh Charges	\$0.13443	\$0.13897	\$0.00454	\$223.15	\$230.69	\$7.54	3.2%
Total Bill				\$232.29	\$239.83	\$7.54	3.2%

<u>Regular General G2 kWh Meter 115 kWh Typical Bill</u>							
	6/1/2017	8/1/2017					%
<u>Rate Components</u>	<u>Current Rate</u>	<u>As Revised</u>	<u>Difference</u>	<u>Current Bill*</u>	<u>As Revised Bill*</u>	<u>Difference</u>	<u>Difference to Total Bill</u>
Customer Charge	\$17.27	\$17.27	\$0.00	\$17.27	\$17.27	\$0.00	0.0%
	<u>\$/kWh</u>	<u>\$/kWh</u>					
Distribution Charge	\$0.01556	\$0.01556	\$0.00000	\$1.79	\$1.79	\$0.00	0.0%
External Delivery Charge	\$0.02144	\$0.02637	\$0.00493	\$2.47	\$3.03	\$0.57	1.8%
Stranded Cost Charge	(\$0.00018)	(\$0.00057)	(\$0.00039)	(\$0.02)	(\$0.07)	(\$0.04)	(0.1%)
Storm Recovery Adj.	\$0.00139	\$0.00139	\$0.00000	\$0.16	\$0.16	\$0.00	0.0%
System Benefits Charge	\$0.00357	\$0.00357	\$0.00000	\$0.41	\$0.41	\$0.00	0.0%
Default Service Charge	<u>\$0.07556</u>	<u>\$0.07556</u>	<u>\$0.00000</u>	<u>\$8.69</u>	<u>\$8.69</u>	<u>\$0.00</u>	<u>0.0%</u>
Total kWh Charges	\$0.11734	\$0.12188	\$0.00454	\$13.49	\$14.02	\$0.52	1.7%
Total Bill				\$30.76	\$31.29	\$0.52	1.7%

* Impacts do not include the Electricity Consumption Tax.

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

<u>Large General - G1 550 kVa, 200,000 kWh Typical Bill</u>							
	6/1/2017	8/1/2017					%
<u>Rate Components</u>	<u>Current Rate</u>	<u>As Revised</u>	<u>Difference</u>	<u>Current Bill*</u>	<u>As Revised Bill*</u>	<u>Difference</u>	<u>Difference to Total Bill</u>
Customer Charge	\$152.40	\$152.40	\$0.00	\$152.40	\$152.40	\$0.00	0.0%
	<u>All kVa</u>	<u>All kVa</u>					
Distribution Charge	\$7.42	\$7.42	\$0.00	\$4,081.00	\$4,081.00	\$0.00	0.0%
Stranded Cost Charge	(\$0.05)	(\$0.14)	(\$0.09)	(\$27.50)	(\$77.00)	(\$49.50)	(0.2%)
Total kVa Charges	\$7.37	\$7.28	(\$0.09)	\$4,053.50	\$4,004.00	(\$49.50)	(0.2%)
	<u>\$/kWh</u>	<u>\$/kWh</u>					
Distribution Charge	\$0.00116	\$0.00116	\$0.00000	\$232.00	\$232.00	\$0.00	0.0%
External Delivery Charge	\$0.02144	\$0.02637	\$0.00493	\$4,288.00	\$5,274.00	\$986.00	4.3%
Stranded Cost Charge	(\$0.00005)	(\$0.00014)	(\$0.00009)	(\$10.00)	(\$28.00)	(\$18.00)	(0.1%)
Storm Recovery Adj.	\$0.00139	\$0.00139	\$0.00000	\$278.00	\$278.00	\$0.00	0.0%
System Benefits Charge	\$0.00357	\$0.00357	\$0.00000	\$714.00	\$714.00	\$0.00	0.0%
Default Service Charge **	\$0.06687	\$0.06687	\$0.00000	\$13,374.00	\$13,374.00	\$0.00	0.0%
Total kWh Charges	\$0.09438	\$0.09922	\$0.00484	\$18,876.00	\$19,844.00	\$968.00	4.2%
Total Bill				\$23,081.90	\$24,000.40	\$918.50	4.0%

* Impacts do not include the Electricity Consumption Tax.

** Default Service Charge for the G1 class is determined monthly. For purposes of this comparison, the rate is unchanged.

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

Residential Rate D 612 kWh Bill - Mean Use*

	6/1/2017	8/1/2017					%
<u>Rate Components</u>	<u>Current Rate</u>	<u>As Revised</u>	<u>Difference</u>	<u>Current Bill**</u>	<u>As Revised Bill**</u>	<u>Difference</u>	<u>Difference to Total Bill</u>
Customer Charge	\$15.24	\$15.24	\$0.00	\$15.24	\$15.24	\$0.00	0.0%
	<u>\$/kWh</u>	<u>\$/kWh</u>					
Distribution Charge	\$0.03682	\$0.03682	\$0.00000	\$22.53	\$22.53	\$0.00	0.0%
External Delivery Charge	\$0.02144	\$0.02637	\$0.00493	\$13.12	\$16.14	\$3.02	3.0%
Stranded Cost Charge	(\$0.00018)	(\$0.00057)	(\$0.00039)	(\$0.11)	(\$0.35)	(\$0.24)	(0.2%)
Storm Recovery Adj.	\$0.00139	\$0.00139	\$0.00000	\$0.85	\$0.85	\$0.00	0.0%
System Benefits Charge	\$0.00357	\$0.00357	\$0.00000	\$2.18	\$2.18	\$0.00	0.0%
Default Service Charge	<u>\$0.07886</u>	<u>\$0.07886</u>	<u>\$0.00000</u>	<u>\$48.26</u>	<u>\$48.26</u>	<u>\$0.00</u>	<u>0.0%</u>
Total kWh Charges	\$0.14190	\$0.14644	\$0.00454				
Total Bill				\$102.08	\$104.86	\$2.78	2.7%

Residential Rate D 504 kWh Bill - Median Use*

	4/1/2017	6/1/2017					%
<u>Rate Components</u>	<u>Current Rate</u>	<u>As Revised</u>	<u>Difference</u>	<u>Current Bill**</u>	<u>As Revised Bill**</u>	<u>Difference</u>	<u>Difference to Total Bill</u>
Customer Charge	\$15.24	\$15.24	\$0.00	\$15.24	\$15.24	\$0.00	0.0%
	<u>\$/kWh</u>	<u>\$/kWh</u>					
Distribution Charge	\$0.03682	\$0.03682	\$0.00000	\$18.56	\$18.56	\$0.00	0.0%
External Delivery Charge	\$0.02144	\$0.02637	\$0.00493	\$10.81	\$13.29	\$2.48	2.4%
Stranded Cost Charge	(\$0.00018)	(\$0.00057)	(\$0.00039)	(\$0.09)	(\$0.29)	(\$0.20)	(0.2%)
Storm Recovery Adj.	\$0.00139	\$0.00139	\$0.00000	\$0.70	\$0.70	\$0.00	0.0%
System Benefits Charge	\$0.00357	\$0.00357	\$0.00000	\$1.80	\$1.80	\$0.00	0.0%
Default Service Charge	<u>\$0.07886</u>	<u>\$0.07886</u>	<u>\$0.00000</u>	<u>\$39.75</u>	<u>\$39.75</u>	<u>\$0.00</u>	<u>0.0%</u>
Total kWh Charges	\$0.14190	\$0.14644	\$0.00454				
Total Bill				\$86.76	\$89.05	\$2.29	2.6%

* Based on billing period March 2016 through February 2017.

** Impacts do not include the Electricity Consumption Tax.

Unitil Energy Systems, Inc.
Average Class Bill Impacts
Due to Proposed Rate Changes Effective August 1, 2017

(A) Class of Service	(B) Annual Number of Customers (luminaires for Outdoor Lighting)	(C) Annual kWh Sales	(D) Annual kW / kVA Sales	(E) Proposed SCC Change \$	(F) Proposed EDC Change \$	(G) Estimated Annual Revenue \$ Under Present Rates	(H) Estimated Annual Revenue \$ Under Proposed Rates	(I) Proposed Net Change Revenue \$	(J) % Change Net SCC & EDC Revenue
Residential	785,306	497,875,828	n/a	(\$194,172)	\$2,454,528	\$82,616,647	\$84,877,003	\$2,260,356	2.7%
General Service	131,872	354,161,409	1,348,556	(\$138,123)	\$1,746,016	\$54,074,977	\$55,682,870	\$1,607,893	3.0%
Large General Service	1,878	353,924,392	1,022,850	(\$138,031)	\$1,744,847	\$40,993,164	\$42,599,981	\$1,606,817	3.9%
Outdoor Lighting	110,850	8,241,454	n/a	(\$3,214)	\$40,630	\$2,678,183	\$2,715,599	\$37,416	1.4%
Total	1,029,906	1,214,203,082		(\$473,539)	\$5,986,021	\$180,362,972	\$185,875,454	\$5,512,482	3.1%

(B), (C), (D) Test year billing determinants in DE 16-384.

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

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

(H) Sum of Columns (E) through (G)

(I) Column (H) minus Column (G)

(J) Column (E) + Column (F) divided by Column (G)

Unitil Energy Systems, Inc.
Typical Bill Impacts - June 1, 2017 vs. August 1, 2017
Impacts do NOT include the Electricity Consumption Tax
Impact on D Rate Customers

<u>Average kWh</u>	<u>Total Bill Using Rates 6/1/2017</u>	<u>Total Bill Using Rates 8/1/2017</u>	<u>Total Difference</u>	<u>% Total Difference</u>
125	\$32.98	\$33.55	\$0.57	1.7%
150	\$36.53	\$37.21	\$0.68	1.9%
200	\$43.62	\$44.53	\$0.91	2.1%
250	\$50.72	\$51.85	\$1.14	2.2%
300	\$57.81	\$59.17	\$1.36	2.4%
350	\$64.91	\$66.49	\$1.59	2.4%
400	\$72.00	\$73.82	\$1.82	2.5%
450	\$79.10	\$81.14	\$2.04	2.6%
500	\$86.19	\$88.46	\$2.27	2.6%
525	\$89.74	\$92.12	\$2.38	2.7%
550	\$93.29	\$95.78	\$2.50	2.7%
575	\$96.83	\$99.44	\$2.61	2.7%
600	\$100.38	\$103.10	\$2.72	2.7%
625	\$103.93	\$106.77	\$2.84	2.7%
650	\$107.48	\$110.43	\$2.95	2.7%
675	\$111.02	\$114.09	\$3.06	2.8%
700	\$114.57	\$117.75	\$3.18	2.8%
725	\$118.12	\$121.41	\$3.29	2.8%
750	\$121.67	\$125.07	\$3.40	2.8%
775	\$125.21	\$128.73	\$3.52	2.8%
825	\$132.31	\$136.05	\$3.75	2.8%
925	\$146.50	\$150.70	\$4.20	2.9%
1,000	\$157.14	\$161.68	\$4.54	2.9%
1,250	\$192.62	\$198.29	\$5.67	2.9%
1,500	\$228.09	\$234.90	\$6.81	3.0%
2,000	\$299.04	\$308.12	\$9.08	3.0%
3,500	\$511.89	\$527.78	\$15.89	3.1%
5,000	\$724.74	\$747.44	\$22.70	3.1%

	<u>Rates - Effective June 1, 2017</u>	<u>Rates - Proposed August 1, 2017</u>	<u>Difference</u>
Customer Charge	\$15.24	\$15.24	\$0.00
	<u>kWh</u>	<u>kWh</u>	<u>kWh</u>
Distribution Charge:	\$0.03682	\$0.03682	\$0.00000
External Delivery Charge	\$0.02144	\$0.02637	\$0.00493
Stranded Cost Charge	(\$0.00018)	(\$0.00057)	(\$0.00039)
Storm Recovery Adjustment Factor	\$0.00139	\$0.00139	\$0.00000
System Benefits Charge	\$0.00357	\$0.00357	\$0.00000
Default Service Charge	<u>\$0.07886</u>	<u>\$0.07886</u>	<u>\$0.00000</u>
TOTAL	\$0.14190	\$0.14644	\$0.00454

Unitil Energy Systems, Inc.
Typical Bill Impacts - June 1, 2017 vs. August 1, 2017
Impacts do NOT include the Electricity Consumption Tax
Impact on G2 Rate Customers

<u>Load Factor</u>	<u>Average Monthly kW</u>	<u>Average Monthly kWh</u>	<u>Total Bill Using Rates 6/1/2017</u>	<u>Total Bill Using Rates 8/1/2017</u>	<u>Total Difference</u>	<u>% Total Difference</u>
20%	5	730	\$154.23	\$157.43	\$3.20	2.1%
20%	10	1,460	\$281.03	\$287.42	\$6.40	2.3%
20%	15	2,190	\$407.83	\$417.42	\$9.59	2.4%
20%	25	3,650	\$661.42	\$677.41	\$15.99	2.4%
20%	50	7,300	\$1,295.41	\$1,327.39	\$31.98	2.5%
20%	75	10,950	\$1,929.41	\$1,977.37	\$47.97	2.5%
20%	100	14,600	\$2,563.40	\$2,627.35	\$63.96	2.5%
20%	150	21,900	\$3,831.38	\$3,927.32	\$95.93	2.5%
36%	5	1,314	\$214.43	\$220.46	\$6.04	2.8%
36%	10	2,628	\$401.42	\$413.50	\$12.07	3.0%
36%	15	3,942	\$588.42	\$606.53	\$18.11	3.1%
36%	25	6,570	\$962.42	\$992.60	\$30.18	3.1%
36%	50	13,140	\$1,897.40	\$1,957.76	\$60.36	3.2%
36%	75	19,710	\$2,832.39	\$2,922.93	\$90.54	3.2%
36%	100	26,280	\$3,767.37	\$3,888.09	\$120.72	3.2%
36%	150	39,420	\$5,637.34	\$5,818.42	\$181.08	3.2%
50%	5	1,825	\$267.10	\$275.62	\$8.52	3.2%
50%	10	3,650	\$506.77	\$523.81	\$17.04	3.4%
50%	15	5,475	\$746.44	\$772.00	\$25.56	3.4%
50%	25	9,125	\$1,225.79	\$1,268.38	\$42.60	3.5%
50%	50	18,250	\$2,424.14	\$2,509.34	\$85.20	3.5%
50%	75	27,375	\$3,622.50	\$3,750.29	\$127.79	3.5%
50%	100	36,500	\$4,820.85	\$4,991.24	\$170.39	3.5%
50%	150	54,750	\$7,217.56	\$7,473.15	\$255.59	3.5%
		<u>Rates - Effective June 1, 2017</u>	<u>Rates - Proposed August 1, 2017</u>	<u>Difference</u>		
Customer Charge		\$27.43	\$27.43	\$0.00		
		<u>All kW</u>	<u>All kW</u>	<u>All kW</u>		
Distribution Charge		\$10.35	\$10.35	\$0.00		
Stranded Cost Charge		(\$0.04)	(\$0.11)	(\$0.07)		
TOTAL		\$10.31	\$10.24	(\$0.07)		
		<u>kWh</u>	<u>kWh</u>	<u>kWh</u>		
Distribution Charge		\$0.00116	\$0.00116	\$0.00000		
External Delivery Charge		\$0.02144	\$0.02637	\$0.00493		
Stranded Cost Charge		(\$0.00004)	(\$0.00011)	(\$0.00007)		
Storm Recovery Adj. Factor		\$0.00139	\$0.00139	\$0.00000		
System Benefits Charge		\$0.00357	\$0.00357	\$0.00000		
Default Service Charge		<u>\$0.07556</u>	<u>\$0.07556</u>	<u>\$0.00000</u>		
TOTAL		\$0.10308	\$0.10794	\$0.00486		

Unitil Energy Systems, Inc. Typical Bill Impacts - June 1, 2017 vs. August 1, 2017 Impacts do NOT include the Electricity Consumption Tax Impact on G2 kWh Meter Rate Customers				
Average Monthly kWh	Total Bill Using Rates 6/1/2017	Total Bill Using Rates 8/1/2017	Total Difference	% Total Difference
15	\$19.03	\$19.10	\$0.07	0.4%
75	\$26.07	\$26.41	\$0.34	1.3%
150	\$34.87	\$35.55	\$0.68	2.0%
250	\$46.61	\$47.74	\$1.13	2.4%
350	\$58.34	\$59.93	\$1.59	2.7%
450	\$70.07	\$72.12	\$2.04	2.9%
550	\$81.81	\$84.30	\$2.50	3.1%
650	\$93.54	\$96.49	\$2.95	3.2%
750	\$105.28	\$108.68	\$3.41	3.2%
900	\$122.88	\$126.96	\$4.09	3.3%
	Rates - Effective June 1, 2017	Rates - Proposed August 1, 2017	Difference	
kWh Meter Customer Charge	\$17.27	\$17.27	\$0.00	
	All kWh	All kWh	All kWh	
Distribution Charge	\$0.01556	\$0.01556	\$0.00000	
External Delivery Charge	\$0.02144	\$0.02637	\$0.00493	
Stranded Cost Charge	(\$0.00018)	(\$0.00057)	(\$0.00039)	
Storm Recovery Adjustment Factor	\$0.00139	\$0.00139	\$0.00000	
System Benefits Charge	\$0.00357	\$0.00357	\$0.00000	
Default Service Charge	<u>\$0.07556</u>	<u>\$0.07556</u>	<u>\$0.00000</u>	
TOTAL	\$0.11734	\$0.12188	\$0.00454	

Unitil Energy Systems, Inc.
Typical Bill Impacts - June 1, 2017 vs. August 1, 2017
Impacts do NOT include the Electricity Consumption Tax
Impact on G2 QRWH and SH Rate Customers

<u>Average kWh</u>	<u>Total Bill Using Rates 6/1/2017</u>	<u>Total Bill Using Rates 8/1/2017</u>	<u>Total Difference</u>	<u>% Total Difference</u>
100	\$22.58	\$23.04	\$0.45	2.0%
200	\$36.03	\$36.93	\$0.91	2.5%
300	\$49.47	\$50.83	\$1.36	2.8%
400	\$62.91	\$64.73	\$1.82	2.9%
500	\$76.36	\$78.63	\$2.27	3.0%
750	\$109.96	\$113.37	\$3.41	3.1%
1,000	\$143.57	\$148.11	\$4.54	3.2%
1,500	\$210.79	\$217.60	\$6.81	3.2%
2,000	\$278.00	\$287.08	\$9.08	3.3%
2,500	\$345.22	\$356.57	\$11.35	3.3%

	<u>Rates - Effective June 1, 2017</u>	<u>Rates - Proposed August 1, 2017</u>	<u>Difference</u>
Customer Charge	\$9.14	\$9.14	\$0.00
	<u>All kWh</u>	<u>All kWh</u>	<u>All kWh</u>
Distribution Charge	\$0.03265	\$0.03265	\$0.00000
External Delivery Charge	\$0.02144	\$0.02637	\$0.00493
Stranded Cost Charge	(\$0.00018)	(\$0.00057)	(\$0.00039)
Storm Recovery Adjustment Factor	\$0.00139	\$0.00139	\$0.00000
System Benefits Charge	\$0.00357	\$0.00357	\$0.00000
Default Service Charge	<u>\$0.07556</u>	<u>\$0.07556</u>	<u>\$0.00000</u>
TOTAL	\$0.13443	\$0.13897	\$0.00454

Unitil Energy Systems, Inc. Typical Bill Impacts - June 1, 2017 vs. August 1, 2017 Impacts do NOT include the Electricity Consumption Tax Impact on G1 Rate Customers						
Load Factor	Average Monthly kVa	Average Monthly kWh	Total Bill Using Rates 6/1/2017	Total Bill Using Rates 8/1/2017	Total Difference	% Total Difference
25.0%	200	36,500	\$5,071.27	\$5,229.93	\$158.66	3.1%
25.0%	400	73,000	\$9,990.14	\$10,307.46	\$317.32	3.2%
25.0%	600	109,500	\$14,909.01	\$15,384.99	\$475.98	3.2%
25.0%	800	146,000	\$19,827.88	\$20,462.52	\$634.64	3.2%
25.0%	1,000	182,500	\$24,746.75	\$25,540.05	\$793.30	3.2%
25.0%	1,500	273,750	\$37,043.93	\$38,233.88	\$1,189.95	3.2%
25.0%	2,000	365,000	\$49,341.10	\$50,927.70	\$1,586.60	3.2%
25.0%	2,500	456,250	\$61,638.28	\$63,621.53	\$1,983.25	3.2%
25.0%	3,000	547,500	\$73,935.45	\$76,315.35	\$2,379.90	3.2%
40.0%	200	58,400	\$7,138.19	\$7,402.85	\$264.66	3.7%
40.0%	400	116,800	\$14,123.98	\$14,653.30	\$529.31	3.7%
40.0%	600	175,200	\$21,109.78	\$21,903.74	\$793.97	3.8%
40.0%	800	233,600	\$28,095.57	\$29,154.19	\$1,058.62	3.8%
40.0%	1,000	292,000	\$35,081.36	\$36,404.64	\$1,323.28	3.8%
40.0%	1,500	438,000	\$52,545.84	\$54,530.76	\$1,984.92	3.8%
40.0%	2,000	584,000	\$70,010.32	\$72,656.88	\$2,646.56	3.8%
40.0%	2,500	730,000	\$87,474.80	\$90,783.00	\$3,308.20	3.8%
40.0%	3,000	876,000	\$104,939.28	\$108,909.12	\$3,969.84	3.8%
57.0%	200	83,220	\$9,480.70	\$9,865.49	\$384.78	4.1%
57.0%	400	166,440	\$18,809.01	\$19,578.58	\$769.57	4.1%
57.0%	600	249,660	\$28,137.31	\$29,291.67	\$1,154.35	4.1%
57.0%	800	332,880	\$37,465.61	\$39,004.75	\$1,539.14	4.1%
57.0%	1,000	416,100	\$46,793.92	\$48,717.84	\$1,923.92	4.1%
57.0%	1,500	624,150	\$70,114.68	\$73,000.56	\$2,885.89	4.1%
57.0%	2,000	832,200	\$93,435.44	\$97,283.28	\$3,847.85	4.1%
57.0%	2,500	1,040,250	\$116,756.20	\$121,566.01	\$4,809.81	4.1%
57.0%	3,000	1,248,300	\$140,076.95	\$145,848.73	\$5,771.77	4.1%
71.0%	200	103,660	\$11,409.83	\$11,893.55	\$483.71	4.2%
71.0%	400	207,320	\$22,667.26	\$23,634.69	\$967.43	4.3%
71.0%	600	310,980	\$33,924.69	\$35,375.84	\$1,451.14	4.3%
71.0%	800	414,640	\$45,182.12	\$47,116.98	\$1,934.86	4.3%
71.0%	1,000	518,300	\$56,439.55	\$58,858.13	\$2,418.57	4.3%
71.0%	1,500	777,450	\$84,583.13	\$88,210.99	\$3,627.86	4.3%
71.0%	2,000	1,036,600	\$112,726.71	\$117,563.85	\$4,837.14	4.3%
71.0%	2,500	1,295,750	\$140,870.29	\$146,916.72	\$6,046.43	4.3%
71.0%	3,000	1,554,900	\$169,013.86	\$176,269.58	\$7,255.72	4.3%

	Rates - Effective June 1, 2017	Rates - Proposed August 1, 2017	Difference
Customer Charge	\$152.40	\$152.40	\$0.00
	<u>All kVA</u>	<u>All kVA</u>	<u>All kVA</u>
Distribution Charge	\$7.42	\$7.42	\$0.00
Stranded Cost Charge	(\$0.05)	(\$0.14)	(\$0.09)
TOTAL	\$7.37	\$7.28	(\$0.09)
	<u>All kWh</u>	<u>All kWh</u>	<u>All kWh</u>
Distribution Charge	\$0.00116	\$0.00116	\$0.00000
External Delivery Charge	\$0.02144	\$0.02637	\$0.00493
Stranded Cost Charge	(\$0.00005)	(\$0.00014)	(\$0.00009)
Storm Recovery Adjustment Factor	\$0.00139	\$0.00139	\$0.00000
System Benefits Charge	\$0.00357	\$0.00357	\$0.00000
Default Service Charge*	\$0.06687	\$0.06687	\$0.00000
TOTAL	\$0.09438	\$0.09922	\$0.00484

* Default Service Charge for the G1 class is determined monthly. For purposes of this comparison, the rate is unchanged.

Unitil Energy Systems, Inc. Typical Bill Impacts - June 1, 2017 vs. August 1, 2017 Impacts do NOT include the Electricity Consumption Tax Impact on OL Rate Customers *								
	Nominal Watts	Lumens	Type	Average Monthly kWh	Total Bill Using Rates 6/1/2017	Total Bill Using Rates 8/1/2017	Total Difference	% Total Difference
<u>Mercury Vapor:</u>								
1	100	3,500	ST	40	\$17.08	\$17.26	\$0.18	1.1%
2	175	7,000	ST	67	\$22.27	\$22.57	\$0.30	1.4%
3	250	11,000	ST	95	\$27.20	\$27.63	\$0.43	1.6%
4	400	20,000	ST	154	\$36.60	\$37.30	\$0.70	1.9%
5	1,000	60,000	ST	388	\$81.13	\$82.89	\$1.76	2.2%
6	250	11,000	FL	95	\$28.34	\$28.77	\$0.43	1.5%
7	400	20,000	FL	154	\$38.06	\$38.76	\$0.70	1.8%
8	1,000	60,000	FL	388	\$76.74	\$78.50	\$1.76	2.3%
9	100	3,500	PB	40	\$17.21	\$17.39	\$0.18	1.1%
10	175	7,000	PB	67	\$21.42	\$21.72	\$0.30	1.4%
<u>High Pressure Sodium:</u>								
11	50	4,000	ST	21	\$15.36	\$15.46	\$0.10	0.6%
12	100	9,500	ST	43	\$19.28	\$19.47	\$0.20	1.0%
13	150	16,000	ST	60	\$21.10	\$21.37	\$0.27	1.3%
14	250	30,000	ST	101	\$29.08	\$29.54	\$0.46	1.6%
15	400	50,000	ST	161	\$40.12	\$40.85	\$0.73	1.8%
16	1,000	140,000	ST	398	\$81.64	\$83.45	\$1.81	2.2%
17	150	16,000	FL	60	\$23.37	\$23.64	\$0.27	1.2%
18	250	30,000	FL	101	\$30.67	\$31.13	\$0.46	1.5%
19	400	50,000	FL	161	\$39.59	\$40.32	\$0.73	1.8%
20	1,000	140,000	FL	398	\$82.00	\$83.81	\$1.81	2.2%
21	50	4,000	PB	21	\$14.37	\$14.47	\$0.10	0.7%
22	100	95,000	PB	43	\$18.14	\$18.33	\$0.20	1.1%
<u>Metal Halide:</u>								
23	175	8,800	ST	66	\$26.23	\$26.53	\$0.30	1.1%
24	250	13,500	ST	92	\$30.60	\$31.02	\$0.42	1.4%
25	400	23,500	ST	148	\$37.16	\$37.83	\$0.67	1.8%
26	175	8,800	FL	66	\$29.24	\$29.54	\$0.30	1.0%
27	250	13,500	FL	92	\$33.71	\$34.13	\$0.42	1.2%
28	400	23,500	FL	148	\$39.52	\$40.19	\$0.67	1.7%
29	175	8,800	PB	66	\$24.98	\$25.28	\$0.30	1.2%
30	250	13,500	PB	92	\$28.81	\$29.23	\$0.42	1.4%
31	400	23,500	PB	148	\$35.91	\$36.58	\$0.67	1.9%
Luminaire Charges For Year Round Service:								
Rates - Effective June 1, 2017								
		Mercury Vapor Rate/Mo.		Sodium Vapor Rate/Mo.		Metal Halide Rate/Mo.		
Customer Charge	\$0.00	1	\$12.96	11	\$13.20	23	\$19.44	
		2	\$15.37	12	\$14.85	24	\$21.13	
	<u>All kWh</u>	3	\$17.42	13	\$14.92	25	\$21.92	
Distribution Charge	\$0.00116	4	\$20.75	14	\$18.68	26	\$22.45	
External Delivery Charge	\$0.02144	5	\$41.19	15	\$23.55	27	\$24.24	
Stranded Cost Charge	(\$0.00018)	6	\$18.56	16	\$40.67	28	\$24.28	
Storm Recovery Adj. Factor	\$0.00139	7	\$22.21	17	\$17.19	29	\$18.19	
System Benefits Charge	\$0.00357	8	\$36.80	18	\$20.27	30	\$19.34	
Default Service Charge	<u>\$0.07556</u>	9	\$13.09	19	\$23.02	31	\$20.67	
		10	\$14.52	20	\$41.03			
TOTAL	\$0.10294			21	\$12.21			
				22	\$13.71			
Rates - Proposed August 1, 2017								
		Mercury Vapor Rate/Mo.		Sodium Vapor Rate/Mo.		Metal Halide Rate/Mo.		
Customer Charge	\$0.00	1	\$12.96	11	\$13.20	23	\$19.44	
		2	\$15.37	12	\$14.85	24	\$21.13	
	<u>All kWh</u>	3	\$17.42	13	\$14.92	25	\$21.92	
Distribution Charge	\$0.00116	4	\$20.75	14	\$18.68	26	\$22.45	
External Delivery Charge	\$0.02637	5	\$41.19	15	\$23.55	27	\$24.24	
Stranded Cost Charge	(\$0.00057)	6	\$18.56	16	\$40.67	28	\$24.28	
Storm Recovery Adj. Factor	\$0.00139	7	\$22.21	17	\$17.19	29	\$18.19	
System Benefits Charge	\$0.00357	8	\$36.80	18	\$20.27	30	\$19.34	
Default Service Charge	<u>\$0.07556</u>	9	\$13.09	19	\$23.02	31	\$20.67	
		10	\$14.52	20	\$41.03			
TOTAL	\$0.10748			21	\$12.21			
				22	\$13.71			
	Difference	Mercury Vapor-Difference		Sodium Vapor-Difference		Metal Halide-Difference		
Customer Charge	\$0.00	1	\$0.00	11	\$0.00	23	\$0.00	
		2	\$0.00	12	\$0.00	24	\$0.00	
	<u>All kWh</u>	3	\$0.00	13	\$0.00	25	\$0.00	
Distribution Charge	\$0.00000	4	\$0.00	14	\$0.00	26	\$0.00	
External Delivery Charge	\$0.00493	5	\$0.00	15	\$0.00	27	\$0.00	
Stranded Cost Charge	(\$0.00039)	6	\$0.00	16	\$0.00	28	\$0.00	
Storm Recovery Adj. Factor	\$0.00000	7	\$0.00	17	\$0.00	29	\$0.00	
System Benefits Charge	\$0.00000	8	\$0.00	18	\$0.00	30	\$0.00	
Default Service Charge	<u>\$0.00000</u>	9	\$0.00	19	\$0.00	31	\$0.00	
		10	\$0.00	20	\$0.00			
TOTAL	\$0.00454			21	\$0.00			
				22	\$0.00			

* Luminaire charges based on All-Night Service option.

