

UNITIL ENERGY SYSTEMS, INC.
CALCULATION OF THE STRANDED COST CHARGE
Effective August 1, 2021

Uniform per kWh Charge

1. (Over)/under Recovery - Beginning Balance August 1, 2021	\$4,990	Page 2 of 4
2. Estimated Total Costs (August 2021 - July 2022)	(\$26,373)	Page 2 of 4
3. Estimated Interest (August 2021 - July 2022)	\$117	Page 2 of 4
4. Costs to be Recovered (L.1 + L.2 + L.3)	(\$21,266)	
5. Estimated Calendar Month Deliveries in kWh (August 2021 - July 2022) (1)	<u>1,171,945,218</u>	
6. Stranded Cost Charge (\$/kWh) (L.4 / L.5)	(\$0.00002)	

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)	(\$0.00002)	
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Class G2 (2)

8. Estimated G2 Demand Revenue (August 2021- July 2022)	\$0	
9. Estimated G2 Deliveries in kW (August 2021 - July 2022)	<u>1,328,481</u>	
10. Stranded Cost Charge (\$/kW) (L. 8 / L. 9)	\$0.00	
11. G2 Energy Revenue (August 2021 - July 2022)	(\$6,758)	
12. Estimated G2 Calendar Month Deliveries in kWh (August 2021 - July 2022) (1)	<u>337,890,972</u>	
13. Stranded Cost Charge (\$/kWh) (L.11 / L.12)	(\$0.00002)	

Class G1 (2)

14. Estimated G1 Demand Revenue (August 2021 - July 2022)	\$0	
15. Estimated G1 Deliveries in kVA (August 2021 - July 2022)	<u>1,050,126</u>	
16. Stranded Cost Charge (\$/kVA) (L. 14 / L. 15)	\$0.00	
17. G1 Energy Revenue (August 2021 - July 2022)	(\$6,701)	
18. Estimated G1 Calendar Month Deliveries in kWh (August 2021 - July 2022) (1)	<u>335,030,129</u>	
19. Stranded Cost Charge (\$/kWh) (L.17 / L.18)	(\$0.00002)	

(1) Schedule LSM-2, page 1.	Schedule LSM-1, page 3.	Schedule LSM-1, page 3.
Total Company	<u>G2 Demand</u>	<u>G1 Demand</u>
Aug 2021-Jul 2022 Billed kWh	Aug 2021-Jul 2022 Billed kWh	Aug 2021-Jul 2022 Billed kWh
- July 2021 Unbilled kWh	- July 2021 Unbilled kWh	- July 2021 Unbilled kWh
+ July 2022 Unbilled kWh	+ July 2022 Unbilled kWh	+ July 2022 Unbilled kWh
Calendar Month Deliveries	Calendar Month Deliveries	Calendar Month Deliveries
1,172,224,117	337,334,654	334,976,749
(53,569,979)	(15,073,402)	(13,542,368)
<u>53,291,080</u>	<u>15,629,720</u>	<u>13,595,748</u>
1,171,945,218	337,890,972	335,030,129

(2) Due to the amount of dollars to be credited to the G2 and G1 classes, it was necessary to credit it all through the energy portion of the rate. Maintaining a demand and energy rate for these classes would result, due to rounding of the factors, in a zero demand and zero energy factor.

		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)
		Beginning Balance	Total Costs	Total Revenue	Ending Balance Before Interest (a + b - c)	Average Monthly Balance ((a+d) / 2)	Interest Rate	Number of Days / Month	Computed Interest	Ending Balance with Interest (d + h)
Aug-19	Actual	\$220,019	(\$65,276)	(\$26,454)	\$181,197	\$200,608	5.50%	31	\$937	\$182,134
Sep-19	Actual	\$182,134	(\$73,756)	(\$10,598)	\$118,976	\$150,555	5.50%	30	\$681	\$119,657
Oct-19	Actual	\$119,657	(\$36,490)	(\$10,338)	\$93,505	\$106,581	5.25%	31	\$475	\$93,980
Nov-19	Actual	\$93,980	(\$51,270)	(\$10,432)	\$53,142	\$73,561	5.25%	30	\$317	\$53,459
Dec-19	Actual	\$53,459	(\$11,510)	(\$11,682)	\$53,631	\$53,545	5.25%	31	\$239	\$53,870
Jan-20	Actual	\$53,870	(\$32,858)	(\$11,640)	\$32,652	\$43,261	4.75%	31	\$174	\$32,826
Feb-20	Actual	\$32,826	(\$18,624)	(\$10,435)	\$24,637	\$28,732	4.75%	29	\$108	\$24,745
Mar-20	Actual	\$24,745	(\$42,669)	(\$10,621)	(\$7,303)	\$8,721	4.75%	31	\$35	(\$7,268)
Apr-20	Actual	(\$7,268)	(\$37,508)	(\$9,888)	(\$34,887)	(\$21,077)	4.75%	30	(\$82)	(\$34,969)
May-20	Actual	(\$34,969)	(\$45,861)	(\$9,711)	(\$71,120)	(\$53,044)	4.75%	31	(\$213)	(\$71,333)
Jun-20	Actual	(\$71,333)	(\$36,166)	(\$12,074)	(\$95,425)	(\$83,379)	4.75%	30	(\$325)	(\$95,750)
Jul-20	Actual	(\$95,750)	<u>(\$24,963)</u>	<u>(\$13,482)</u>	(\$107,231)	(\$101,490)	3.25%	31	<u>(\$279)</u>	(\$107,510)
Total Aug-19 to Jul-20			(\$476,952)	(\$147,356)					\$2,067	
		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)
		Beginning Balance	Total Costs	Total Revenue	Ending Balance Before Interest (a + b - c)	Average Monthly Balance ((a+d) / 2)	Interest Rate	Number of Days / Month	Computed Interest	Ending Balance with Interest (d + h)
Aug-20	Actual	(\$107,510)	(\$18,780)	(\$24,815)	(\$101,475)	(\$104,493)	3.25%	31	(\$288)	(\$101,763)
Sep-20	Actual	(\$101,763)	(\$49,101)	(\$24,455)	(\$126,409)	(\$114,086)	3.25%	30	(\$304)	(\$126,713)
Oct-20	Actual	(\$126,713)	(\$25,881)	(\$22,091)	(\$130,502)	(\$128,607)	3.25%	31	(\$354)	(\$130,856)
Nov-20	Actual	(\$130,856)	(\$6,828)	(\$22,755)	(\$114,929)	(\$122,893)	3.25%	30	(\$327)	(\$115,256)
Dec-20	Actual	(\$115,256)	(\$4,794)	(\$24,487)	(\$95,563)	(\$105,410)	3.25%	31	(\$290)	(\$95,853)
Jan-21	Actual	(\$95,853)	(\$45,133)	(\$24,958)	(\$116,028)	(\$105,941)	3.25%	31	(\$292)	(\$116,321)
Feb-21	Actual	(\$116,321)	\$0	(\$23,794)	(\$92,527)	(\$104,424)	3.25%	28	(\$260)	(\$92,787)
Mar-21	Actual	(\$92,787)	\$0	(\$23,237)	(\$69,550)	(\$81,168)	3.25%	31	(\$224)	(\$69,774)
Apr-21	Actual	(\$69,774)	\$0	(\$21,419)	(\$48,355)	(\$59,064)	3.25%	30	(\$158)	(\$48,513)
May-21	Estimate	(\$48,513)	(\$14,654)	(\$23,562)	(\$39,605)	(\$44,059)	3.25%	31	(\$122)	(\$39,727)
Jun-21	Estimate	(\$39,727)	(\$4,294)	(\$23,417)	(\$20,603)	(\$30,165)	3.25%	30	(\$81)	(\$20,684)
Jul-21	Estimate	(\$20,684)	<u>(\$2,198)</u>	<u>(\$27,893)</u>	\$5,011	(\$7,836)	3.25%	31	<u>(\$22)</u>	\$4,990
Total Aug-20 to Jul-21			(\$171,662)	(\$286,883)					(\$2,722)	
		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)
		Beginning Balance	Total Costs	Total Revenue	Ending Balance Before Interest (a + b - c)	Average Monthly Balance ((a+d) / 2)	Interest Rate	Number of Days / Month	Computed Interest	Ending Balance with Interest (d + h)
Aug-21	Estimate	\$4,990	(\$2,198)	(\$2,240)	\$5,033	\$5,011	3.25%	31	\$14	\$5,046
Sep-21	Estimate	\$5,046	(\$2,198)	(\$1,837)	\$4,686	\$4,866	3.25%	30	\$13	\$4,699
Oct-21	Estimate	\$4,699	(\$2,198)	(\$1,896)	\$4,397	\$4,548	3.25%	31	\$13	\$4,409
Nov-21	Estimate	\$4,409	(\$2,198)	(\$1,901)	\$4,113	\$4,261	3.25%	30	\$11	\$4,124
Dec-21	Estimate	\$4,124	(\$2,198)	(\$2,025)	\$3,951	\$4,037	3.25%	31	\$11	\$3,962
Jan-22	Estimate	\$3,962	(\$2,198)	(\$2,082)	\$3,846	\$3,904	3.25%	31	\$11	\$3,857
Feb-22	Estimate	\$3,857	(\$2,198)	(\$1,833)	\$3,493	\$3,675	3.25%	28	\$9	\$3,502
Mar-22	Estimate	\$3,502	(\$2,198)	(\$1,627)	\$2,931	\$3,216	3.25%	31	\$9	\$2,940
Apr-22	Estimate	\$2,940	(\$2,198)	(\$2,041)	\$2,783	\$2,862	3.25%	30	\$8	\$2,791
May-22	Estimate	\$2,791	(\$2,198)	(\$1,830)	\$2,423	\$2,607	3.25%	31	\$7	\$2,431
Jun-22	Estimate	\$2,431	(\$2,198)	(\$1,808)	\$2,041	\$2,236	3.25%	30	\$6	\$2,047
Jul-22	Estimate	\$2,047	<u>(\$2,198)</u>	<u>(\$2,318)</u>	\$2,167	\$2,107	3.25%	31	<u>\$6</u>	\$2,172
Total Aug-21 to Jul-22			(\$26,373)	(\$23,438)					\$117	

		(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-19	Actual	53,027,436	39.8%	21,100,676	(\$0.00012)	(\$2,532)	34,022,817	42.6%	14,508,094	(\$0.00002)	(\$290)	31,487,105	47.2%	14,876,605	(\$0.00003)	(\$446)	\$34,892	(\$58,078)	(\$26,544)
Sep-19	Actual	37,400,462	50.7%	18,979,951	(\$0.00012)	(\$2,278)	26,975,422	54.4%	14,679,100	(\$0.00002)	(\$294)	26,550,095	58.9%	15,651,181	(\$0.00003)	(\$470)	\$3,269	(\$10,826)	(\$10,598)
Oct-19	Actual	36,317,555	47.3%	17,194,744	(\$0.00012)	(\$2,063)	27,590,483	47.3%	13,062,865	(\$0.00002)	(\$261)	28,768,997	47.3%	13,620,838	(\$0.00003)	(\$409)	\$3,041	(\$10,645)	(\$10,338)
Nov-19	Actual	34,390,560	63.0%	21,676,436	(\$0.00012)	(\$2,601)	24,233,929	58.5%	14,182,967	(\$0.00002)	(\$284)	25,181,926	56.6%	14,261,014	(\$0.00003)	(\$428)	\$2,733	(\$9,852)	(\$10,432)
Dec-19	Actual	43,780,767	61.2%	26,787,005	(\$0.00012)	(\$3,214)	26,763,533	58.8%	15,727,973	(\$0.00002)	(\$315)	25,883,060	57.5%	14,892,688	(\$0.00003)	(\$447)	\$3,313	(\$11,019)	(\$11,682)
Jan-20	Actual	49,242,417	53.3%	26,265,744	(\$0.00012)	(\$3,152)	29,121,178	51.6%	15,019,673	(\$0.00002)	(\$300)	27,162,976	50.6%	13,733,614	(\$0.00003)	(\$412)	\$3,976	(\$11,752)	(\$11,640)
Feb-20	Actual	44,764,424	44.8%	20,033,132	(\$0.00012)	(\$2,404)	28,684,028	46.4%	13,307,382	(\$0.00002)	(\$266)	27,360,368	47.2%	12,928,860	(\$0.00003)	(\$388)	\$3,864	(\$11,242)	(\$10,435)
Mar-20	Actual	43,037,877	40.0%	17,221,536	(\$0.00012)	(\$2,067)	28,061,068	40.7%	11,420,666	(\$0.00002)	(\$228)	27,375,056	41.0%	11,236,663	(\$0.00003)	(\$337)	\$3,058	(\$11,047)	(\$10,621)
Apr-20	Actual	37,952,388	46.9%	17,799,118	(\$0.00012)	(\$2,136)	21,033,411	47.2%	9,930,371	(\$0.00002)	(\$199)	23,199,379	47.4%	11,001,277	(\$0.00003)	(\$330)	\$2,632	(\$9,856)	(\$9,888)
May-20	Actual	35,777,293	51.8%	18,530,120	(\$0.00012)	(\$2,224)	20,197,196	51.8%	10,460,726	(\$0.00002)	(\$209)	23,230,381	51.8%	12,031,703	(\$0.00003)	(\$361)	\$2,665	(\$9,582)	(\$9,711)
Jun-20	Actual	43,968,251	55.7%	24,478,987	(\$0.00012)	(\$2,937)	25,493,967	50.7%	12,928,993	(\$0.00002)	(\$259)	27,500,834	41.3%	11,351,590	(\$0.00003)	(\$341)	\$2,794	(\$11,332)	(\$12,074)
Jul-20	Actual	54,340,664	51.9%	28,228,283	(\$0.00012)	(\$3,387)	29,616,140	49.5%	14,667,284	(\$0.00002)	(\$293)	29,386,736	44.0%	12,922,506	(\$0.00003)	(\$388)	\$3,537	(\$12,950)	(\$13,482)
Total Aug-19 to Jul-20		514,000,094		258,295,732		(\$30,995)	321,793,172		159,896,095		(\$3,198)	323,086,913		158,506,541		(\$4,755)	\$69,772	(\$178,180)	(\$147,356)

		(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-20	Actual	58,734,937	33.3%	19,568,590	(\$0.00025)	(\$4,892)	30,665,177	38.3%	11,737,239	(\$0.00005)	(\$587)	29,935,971	51.5%	15,405,825	(\$0.00006)	(\$924)	\$4,068	(\$22,480)	(\$24,815)
Sep-20	Actual	45,930,666	34.5%	15,830,611	(\$0.00025)	(\$3,958)	28,590,103	36.6%	10,474,138	(\$0.00005)	(\$524)	29,722,799	40.0%	11,900,207	(\$0.00006)	(\$714)	\$6,403	(\$25,663)	(\$24,455)
Oct-20	Actual	32,824,398	56.7%	18,616,123	(\$0.00025)	(\$4,654)	22,317,914	56.7%	12,657,446	(\$0.00005)	(\$633)	24,642,676	56.7%	13,975,918	(\$0.00006)	(\$839)	\$5,195	(\$21,161)	(\$22,091)
Nov-20	Actual	35,807,996	66.3%	23,732,487	(\$0.00025)	(\$5,933)	22,648,750	61.5%	13,935,601	(\$0.00005)	(\$697)	24,432,498	59.0%	14,406,953	(\$0.00006)	(\$864)	\$6,125	(\$21,386)	(\$22,755)
Dec-20	Actual	46,135,333	56.1%	25,872,227	(\$0.00025)	(\$6,468)	25,705,566	53.3%	13,704,358	(\$0.00005)	(\$685)	25,817,785	51.5%	13,297,591	(\$0.00006)	(\$798)	\$7,494	(\$24,030)	(\$24,487)
Jan-21	Actual	49,549,245	55.9%	27,694,252	(\$0.00025)	(\$6,924)	25,878,462	54.3%	14,046,418	(\$0.00005)	(\$702)	25,351,429	53.2%	13,475,980	(\$0.00006)	(\$809)	\$7,951	(\$24,474)	(\$24,956)
Feb-21	Actual	48,289,427	48.2%	23,257,509	(\$0.00025)	(\$5,814)	26,624,063	48.9%	13,019,761	(\$0.00005)	(\$651)	25,812,410	49.4%	12,743,614	(\$0.00006)	(\$765)	\$8,434	(\$24,999)	(\$23,794)
Mar-21	Actual	48,278,565	35.0%	16,886,041	(\$0.00025)	(\$4,222)	28,299,035	38.9%	11,005,077	(\$0.00005)	(\$550)	27,626,162	41.1%	11,364,379	(\$0.00006)	(\$682)	\$7,230	(\$25,014)	(\$23,237)
Apr-21	Actual	35,804,861	46.1%	16,499,185	(\$0.00025)	(\$4,125)	23,419,096	46.9%	10,973,868	(\$0.00005)	(\$549)	24,806,383	47.2%	11,719,285	(\$0.00006)	(\$703)	\$5,454	(\$21,496)	(\$21,419)
May-21	Estimate	37,240,247	51.8%	19,287,827	(\$0.00025)	(\$4,822)	25,353,863	51.8%	13,131,517	(\$0.00005)	(\$657)	27,352,511	51.8%	14,166,676	(\$0.00006)	(\$850)	\$5,377	(\$22,610)	(\$23,562)
Jun-21	Estimate	37,450,986	55.7%	20,850,549	(\$0.00025)	(\$5,213)	26,343,516	50.7%	13,359,833	(\$0.00005)	(\$668)	28,481,805	41.3%	11,756,508	(\$0.00006)	(\$705)	\$6,329	(\$23,160)	(\$23,417)
Jul-21	Estimate	47,561,316	51.9%	24,706,623	(\$0.00025)	(\$6,177)	30,436,173	49.5%	15,073,402	(\$0.00005)	(\$754)	30,796,349	44.0%	13,542,368	(\$0.00006)	(\$813)	\$6,586	(\$26,736)	(\$27,893)
Total Aug-20 to Jul-21		523,607,977		252,802,023		(\$63,201)	316,281,737		153,118,657		(\$7,656)	324,778,778		157,755,305		(\$9,465)	\$76,647	(\$283,209)	(\$286,883)

		(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-21	Estimate	53,281,106	33.3%	17,751,549	(\$0.00002)	(\$355)	32,922,211	38.3%	12,601,129	(\$0.00002)	(\$252)	32,212,642	51.5%	16,577,458	(\$0.00002)	(\$332)	\$7,743	(\$9,045)	(\$2,240)
Sep-21	Estimate	42,197,521	34.5%	14,543,934	(\$0.00002)	(\$291)	29,153,690	36.6%	10,680,611	(\$0.00002)	(\$214)	30,136,622	40.0%	12,065,890	(\$0.00002)	(\$241)	\$939	(\$2,030)	(\$1,837)
Oct-21	Estimate	32,924,882	56.7%	18,673,112	(\$0.00002)	(\$373)	24,693,113	56.7%	14,004,523	(\$0.00002)	(\$280)	26,667,845	56.7%	15,124,478	(\$0.00002)	(\$302)	\$746	(\$1,686)	(\$1,896)
Nov-21	Estimate	36,369,145	66.3%	24,104,400	(\$0.00002)	(\$482)	25,351,031	61.5%	15,598,293	(\$0.00002)	(\$312)	26,060,038	59.0%	15,366,654	(\$0.00002)	(\$307)	\$956	(\$1,756)	(\$1,901)
Dec-21	Estimate	44,483,022	56.1%	24,945,627	(\$0.00002)	(\$499)	28,922,262	53.3%	15,419,269	(\$0.00002)	(\$308)	28,069,921	51.5%	14,457,566	(\$0.00002)	(\$289)	\$1,101	(\$2,300)	(\$2,025)
Jan-22	Estimate	46,797,775	55.9%	26,156,390	(\$0.00002)	(\$523)	28,961,647	54.3%	15,719,910	(\$0.00002)	(\$314)	26,959,020	53.2%	14,330,523	(\$0.00002)	(\$287)	\$1,096	(\$2,054)	(\$2,082)
Feb-22	Estimate	46,085,430	48.2%	22,196,004	(\$0.00002)	(\$444)	27,878,987	48.9%	13,633,447	(\$0.00002)	(\$273)	25,496,392	49.4%	12,587,596	(\$0.00002)	(\$252)	\$1,124	(\$1,989)	(\$1,833)
Mar-22	Estimate	41,482,395	35.0%	14,508,994	(\$0.00002)	(\$290)	26,894,088	38.9%	10,458,714	(\$0.00002)	(\$209)	25,797,609	41.1%	10,612,180	(\$0.00002)	(\$212)	\$968	(\$1,883)	(\$1,627)
Apr-22	Estimate	39,819,382	46.1%	18,349,111	(\$0.00002)	(\$367)	27,193,470	46.9%	12,742,488	(\$0.00002)	(\$255)	26,855,396	47.2%	12,687,301	(\$0.00002)	(\$254)	\$712	(\$1,877)	(\$2,041)
May-22	Estimate	35,211,408	51.8%	18,237,032	(\$0.00002)	(\$365)	26,513,783	51.8%	13,732,274	(\$0.00002)	(\$275)	27,394,730	51.8%	14,188,542	(\$0.00002)	(\$284)	\$876	(\$1,782)	(\$1,830)
Jun-22	Estimate	35,510,445	55.7%	19,770,168	(\$0.00002)	(\$395)	27,290,884	50.7%	13,840,281	(\$0.00002)	(\$277)	28,408,795	41.3%	11,726,372	(\$0.00002)	(\$235)	\$923	(\$1,824)	(\$1,808)
Jul-22	Estimate	45,750,202	51.9%	23,765,805	(\$0.00002)	(\$475)	31,559,488	49.5%	15,629,220	(\$0.00002)	(\$315)	30,917,739	44.0%	13,595,748	(\$0.00002)	(\$272)	\$907	(\$2,165)	(\$2,318)
Total Aug-21 to Jul-22		499,912,714		243,002,125		(\$4,860)	337,334,654		164,060,658		(\$3,281)	334,976,749		163,320,309		(\$3,266)	\$18,091	(\$30,121)	(\$23,438)

(1) Actual Per billing system.
(2) Detail of Unbilled Factors shown on page 4.

Detail of Unbilled Factors for Residential and Outdoor Lighting Classes for use in all classes except G2 demand and G1 (column b, Page 3)

	<u>Billed kWh</u>	<u>Direct Estimate of Unbilled kWh</u>	<u>Unbilled kWh / Billed kWh</u>
Aug-19	52,651,140	20,950,940	39.8%
Sep-19	37,138,760	18,847,142	50.7%
Oct-19	36,059,137	17,072,395	47.3%
Nov-19	34,058,655	21,467,236	63.0%
Dec-19	43,190,750	26,426,007	61.2%
Jan-20	48,536,803	25,889,372	53.3%
Feb-20	44,097,042	19,734,463	44.8%
Mar-20	42,435,178	16,980,367	40.0%
Apr-20	37,562,624	17,616,324	46.9%
May-20	35,489,133	18,380,874	51.8%
Jun-20	43,719,564	24,340,532	55.7%
Jul-20	54,017,601	28,060,462	51.9%
Aug-20	58,360,085	19,443,701	33.3%
Sep-20	45,614,919	15,721,785	34.5%
Oct-20	32,618,455	18,499,324	56.7%
Nov-20	35,502,613	23,530,088	66.3%
Dec-20	45,640,304	25,594,619	56.1%
Jan-21	48,909,794	27,336,847	55.9%
Feb-21	47,608,468	22,929,541	48.2%
Mar-21	47,612,018	16,652,908	35.0%
Apr-21	35,433,671	16,328,138	46.1%

Detail of Unbilled Factors for Regular General Class for use in G2 demand class (column g, Page 3)

	<u>Billed kWh</u>	<u>Direct Estimate of Unbilled kWh</u>	<u>Unbilled kWh / Billed kWh</u>
Aug-19	34,399,113	14,668,555	42.6%
Sep-19	27,237,124	14,821,510	54.4%
Oct-19	27,848,901	13,185,214	47.3%
Nov-19	24,565,834	14,377,216	58.5%
Dec-19	27,353,550	16,074,705	58.8%
Jan-20	29,826,792	15,383,603	51.6%
Feb-20	29,351,410	13,617,000	46.4%
Mar-20	28,663,767	11,665,960	40.7%
Apr-20	21,423,175	10,114,388	47.2%
May-20	20,485,356	10,609,973	51.8%
Jun-20	25,742,654	13,055,112	50.7%
Jul-20	29,939,203	14,827,280	49.5%
Aug-20	31,040,029	11,880,715	38.3%
Sep-20	28,905,850	10,589,814	36.6%
Oct-20	22,523,857	12,774,245	56.7%
Nov-20	22,954,133	14,123,501	61.5%
Dec-20	26,200,595	13,968,272	53.3%
Jan-21	26,517,933	14,393,502	54.3%
Feb-21	27,305,022	13,352,765	48.9%
Mar-21	28,965,582	11,264,287	38.9%
Apr-21	23,790,286	11,147,803	46.9%

Detail of Unbilled Factors for Large General Class for use in G1 class (column i, Page 3)

	<u>Billed kWh</u>	<u>Direct Estimate of Unbilled kWh</u>	<u>Unbilled kWh / Billed kWh</u>
Aug-19	31,487,105	14,876,605	47.2%
Sep-19	26,550,095	15,651,181	58.9%
Oct-19	28,768,997	13,620,838	47.3%
Nov-19	25,181,926	14,261,014	56.6%
Dec-19	25,883,060	14,892,688	57.5%
Jan-20	27,162,976	13,733,614	50.6%
Feb-20	27,360,368	12,926,860	47.2%
Mar-20	27,375,056	11,236,663	41.0%
Apr-20	23,199,379	11,001,277	47.4%
May-20	23,230,381	12,031,703	51.8%
Jun-20	27,500,834	11,351,590	41.3%
Jul-20	29,386,736	12,922,506	44.0%
Aug-20	29,935,971	15,405,825	51.5%
Sep-20	29,722,799	11,900,207	40.0%
Oct-20	24,642,676	13,975,918	56.7%
Nov-20	24,432,498	14,406,953	59.0%
Dec-20	25,817,785	13,297,591	51.5%
Jan-21	25,351,429	13,475,980	53.2%
Feb-21	25,812,410	12,743,614	49.4%
Mar-21	27,626,162	11,364,379	41.1%
Apr-21	24,806,383	11,719,285	47.2%

**UNITIL ENERGY SYSTEMS. INC.
CALCULATION OF THE EXTERNAL DELIVERY CHARGE
Effective August 1, 2021**

	<u>Calculation of the EDC</u>	<u>Calculation of the EDC/Transmission Only</u>	<u>Calculation of the EDC/Non-Transmission</u>	
1. (Over)/under Recovery - Beginning Balance August 1, 2021	(\$2,269,732)	(\$1,753,757)	(\$515,975)	Page 4 of 6
2. Estimated Total Costs (August 2021 - July 2022)	\$37,197,382	\$38,269,718	(\$1,072,336)	Page 4 of 6
3. Estimated Interest (August 2021 - July 2022)	<u>(\$32,011)</u>	<u>(\$33,457)</u>	<u>\$1,446</u>	Page 4 of 6
4. Costs to be Recovered (L.1 + L.2 + L.3)	\$34,895,639	\$36,482,504	(\$1,586,865)	L.1 + L.2 + L.3
5. Estimated Calendar Month Deliveries in kWh (August 2021 - July 2022) (1)	<u>1,171,945,218</u>	<u>1,171,945,218</u>	<u>1,171,945,218</u>	
6. External Delivery Charge (\$/kWh) (L. 4 / L. 5)	\$0.02978	\$0.03113	(\$0.00135)	
(1) Schedule LSM-2, page 5. August 2021 - July 2022 Billed kWh	1,172,224,117			
- July 2021 Unbilled kWh	(53,569,979)			
+ July 2022 Unbilled kWh	<u>53,291,080</u>			
Calendar Month Deliveries	1,171,945,218			

		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)
		Beginning Balance	Total Costs	Total Revenue	Ending Balance Before Interest (a + b - c)	Average Monthly Balance ((a+d) / 2)	Interest Rate	Number of Days / Month	Computed Interest	Ending Balance with Interest (d + h)
Transmission Costs Only										
Aug-19	Actual	\$309,058	\$3,062,413	\$2,891,604	\$479,868	\$394,463	5.50%	31	\$1,843	\$481,711
Sep-19	Actual	\$481,711	\$2,397,413	\$2,342,457	\$536,667	\$509,189	5.50%	30	\$2,302	\$538,968
Oct-19	Actual	\$538,968	\$2,033,814	\$2,276,882	\$295,900	\$417,434	5.25%	31	\$1,861	\$297,761
Nov-19	Actual	\$297,761	\$2,129,218	\$2,349,880	\$77,099	\$187,430	5.25%	30	\$809	\$77,908
Dec-19	Actual	\$77,908	\$2,396,812	\$2,706,996	(\$232,276)	(\$77,184)	5.25%	31	(\$344)	(\$232,620)
Jan-20	Actual	\$232,620	\$2,354,606	\$2,692,002	(\$570,016)	(\$401,318)	4.75%	31	(\$1,615)	(\$571,630)
Feb-20	Actual	(\$571,630)	\$2,032,592	\$2,403,338	(\$942,376)	(\$757,003)	4.75%	29	(\$2,849)	(\$945,225)
Mar-20	Actual	(\$945,225)	\$2,554,624	\$2,403,291	(\$793,892)	(\$869,558)	4.75%	31	(\$3,498)	(\$797,390)
Apr-20	Actual	(\$797,390)	\$2,223,670	\$2,115,018	(\$688,738)	(\$743,064)	4.75%	30	(\$2,893)	(\$691,631)
May-20	Actual	(\$691,631)	\$2,955,604	\$2,127,053	\$136,920	(\$277,355)	4.75%	31	(\$1,116)	\$135,804
Jun-20	Actual	\$135,804	\$3,349,895	\$2,732,437	\$753,263	\$444,534	4.75%	30	\$1,731	\$754,994
Jul-20	Actual	\$754,994	<u>\$3,591,916</u>	<u>\$3,142,595</u>	\$1,204,315	\$979,654	3.25%	31	<u>\$2,697</u>	\$1,207,011
Total Aug-19 to Jul-20			\$31,082,578	\$30,183,552					(\$1,073)	

		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)
		Beginning Balance	Total Costs	Total Revenue	Ending Balance Before Interest (a + b - c)	Average Monthly Balance ((a+d) / 2)	Interest Rate	Number of Days / Month	Computed Interest	Ending Balance with Interest (d + h)
All Remaining EDC Costs (Non-Transmission)										
Aug-19	Actual	(\$840,856)(1)	\$301,016	(\$119,726)	(\$420,114)	(\$630,485)	5.50%	31	(\$9,763)(1)	(\$429,877)
Sep-19	Actual	(\$429,877)	\$20,494	(\$96,996)	(\$312,387)	(\$371,132)	5.50%	30	(\$1,678)	(\$314,065)
Oct-19	Actual	(\$314,065)	(\$270,842)	(\$94,294)	(\$490,613)	(\$402,339)	5.25%	31	(\$1,794)	(\$492,407)
Nov-19	Actual	(\$492,407)	\$63,022	(\$97,302)	(\$332,082)	(\$412,245)	5.25%	30	(\$1,779)	(\$333,861)
Dec-19	Actual	(\$333,861)	\$61,001	(\$112,061)	(\$160,799)	(\$247,330)	5.25%	31	(\$1,103)	(\$161,902)
Jan-20	Actual	(\$161,902)	(\$344,413)	(\$111,442)	(\$394,874)	(\$278,388)	4.75%	31	(\$1,120)	(\$395,994)
Feb-20	Actual	(\$395,994)	\$70,546	(\$99,521)	(\$225,927)	(\$310,960)	4.75%	29	(\$1,170)	(\$227,097)
Mar-20	Actual	(\$227,097)	\$79,917	(\$99,574)	(\$47,606)	(\$137,352)	4.75%	31	(\$553)	(\$48,159)
Apr-20	Actual	(\$48,159)	\$62,635	(\$87,632)	\$102,108	\$26,974	4.75%	30	\$105	\$102,213
May-20	Actual	\$102,213	(\$288,178)	(\$88,133)	(\$97,832)	\$2,190	4.75%	31	\$9	(\$97,823)
Jun-20	Actual	(\$97,823)	\$84,536	(\$113,201)	\$99,914	\$1,045	4.75%	30	\$4	\$99,918
Jul-20	Actual	\$99,918	<u>(\$332,778)</u>	<u>(\$130,176)</u>	(\$102,683)	(\$1,383)	3.25%	31	<u>(\$4)</u>	(\$102,687)
Total Aug-19 to Jul-20			(\$493,043)	(\$1,250,057)					(\$18,845)	

		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)
		Beginning Balance	Total Costs	Total Revenue	Ending Balance Before Interest (a + b - c)	Average Monthly Balance ((a+d) / 2)	Interest Rate	Number of Days / Month	Computed Interest	Ending Balance with Interest (d + h)
Total External Delivery Charge										
Aug-19	Actual	(\$531,798)(1)	\$3,363,429	\$2,771,878	\$59,754	(\$236,022)	5.50%	31	(\$7,920)(1)	\$51,834
Sep-19	Actual	\$51,834	\$2,417,907	\$2,245,461	\$224,280	\$138,057	5.50%	30	\$624	\$224,904
Oct-19	Actual	\$224,904	\$1,762,972	\$2,182,589	(\$194,713)	\$15,096	5.25%	31	\$67	(\$194,645)
Nov-19	Actual	(\$194,645)	\$2,192,240	\$2,252,578	(\$254,983)	(\$224,814)	5.25%	30	(\$970)	(\$255,953)
Dec-19	Actual	(\$255,953)	\$2,457,813	\$2,594,935	(\$393,075)	(\$324,514)	5.25%	31	(\$1,447)	(\$394,522)
Jan-20	Actual	(\$394,522)	\$2,010,193	\$2,580,560	(\$964,890)	(\$679,706)	4.75%	31	(\$2,735)	(\$967,624)
Feb-20	Actual	(\$967,624)	\$2,103,138	\$2,303,817	(\$1,168,302)	(\$1,067,963)	4.75%	29	(\$4,019)	(\$1,172,322)
Mar-20	Actual	(\$1,172,322)	\$2,634,541	\$2,303,717	(\$841,498)	(\$1,006,910)	4.75%	31	(\$4,051)	(\$845,549)
Apr-20	Actual	(\$845,549)	\$2,286,305	\$2,027,386	(\$586,630)	(\$716,090)	4.75%	30	(\$2,788)	(\$589,418)
May-20	Actual	(\$589,418)	\$2,667,426	\$2,038,920	\$39,088	(\$275,165)	4.75%	31	(\$1,107)	\$37,981
Jun-20	Actual	\$37,981	\$3,434,432	\$2,619,236	\$853,177	\$445,579	4.75%	30	\$1,735	\$854,912
Jul-20	Actual	\$854,912	<u>\$3,259,139</u>	<u>\$3,012,419</u>	\$1,101,631	\$978,272	3.25%	31	<u>\$2,693</u>	\$1,104,324
Total Aug-19 to Jul-20			\$30,589,535	\$28,933,494					(\$19,918)	

(1) Beginning balance includes VMP/REP reconciliation of (\$487,257), approved DE 19-111 on July 31, 2019 for effect May 1, 2019, plus associated interest adjustment of (\$6,817.81).

		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)
Transmission Costs Only		Beginning Balance	Total Costs	Total Revenue	Ending Balance Before Interest (a + b - c)	Average Monthly Balance ((a+d) / 2)	Interest Rate	Number of Days / Month	Computed Interest	Ending Balance with Interest (d + h)
	Aug-20	Actual	\$1,207,011	\$5,705,526	\$4,044,282	\$2,868,255	\$2,037,633	3.25%	31	\$5,609
Sep-20	Actual	\$2,873,864	\$2,948,152	\$3,476,726	\$2,345,290	\$2,609,577	3.25%	30	\$6,952	\$2,352,242
Oct-20	Actual	\$2,352,242	\$2,291,479	\$3,153,426	\$1,490,296	\$1,921,269	3.25%	31	\$5,289	\$1,495,584
Nov-20	Actual	\$1,495,584	\$2,636,139	\$3,257,923	\$873,800	\$1,184,692	3.25%	30	\$3,156	\$876,956
Dec-20	Actual	\$876,956	\$3,198,520	\$3,576,029	\$499,447	\$688,202	3.25%	31	\$1,894	\$501,342
Jan-21	Actual	\$501,342	\$2,835,226	\$3,746,431	(\$409,863)	\$45,739	3.25%	31	\$126	(\$409,737)
Feb-21	Actual	(\$409,737)	\$2,763,835	\$3,433,018	(\$1,078,920)	(\$744,329)	3.25%	28	(\$1,856)	(\$1,080,776)
Mar-21	Actual	(\$1,080,776)	\$2,751,963	\$3,430,941	(\$1,759,755)	(\$1,420,265)	3.25%	31	(\$3,920)	(\$1,763,675)
Apr-21	Actual	(\$1,763,675)	\$2,473,862	\$3,048,857	(\$2,338,671)	(\$2,051,173)	3.25%	30	(\$5,479)	(\$2,344,150)
May-21	Estimate	(\$2,344,150)	\$2,823,948	\$3,535,295	(\$3,055,496)	(\$2,699,823)	3.25%	31	(\$7,452)	(\$3,062,948)
Jun-21	Estimate	(\$3,062,948)	\$4,944,977	\$3,344,393	(\$1,462,365)	(\$2,262,657)	3.25%	30	(\$6,044)	(\$1,468,409)
Jul-21	Estimate	(\$1,468,409)	<u>\$3,931,224</u>	<u>\$4,212,132</u>	(\$1,749,316)	(\$1,608,863)	3.25%	31	<u>(\$4,441)</u>	(\$1,753,757)
Total Aug-20 to Jul-21			\$39,304,852	\$42,259,454					(\$6,166)	

		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)
All Remaining EDC Costs (Non-Transmission)		Beginning Balance	Total Costs	Total Revenue	Ending Balance Before Interest (a + b - c)	Average Monthly Balance ((a+d) / 2)	Interest Rate	Number of Days / Month	Computed Interest	Ending Balance with Interest (d + h)
	Aug-20	Actual	\$234,602 (1)	\$287,984	(\$21,179)	\$543,765	\$389,184	3.25%	31	\$4,693 (1)
Sep-20	Actual	\$548,458	\$44,033	(\$18,215)	\$610,706	\$579,582	3.25%	30	\$1,544	\$612,250
Oct-20	Actual	\$612,250	(\$380,573)	(\$16,519)	\$248,195	\$430,222	3.25%	31	\$1,184	\$249,380
Nov-20	Actual	\$249,380	\$62,276	(\$17,063)	\$328,719	\$289,049	3.25%	30	\$770	\$329,489
Dec-20	Actual	\$329,489	\$70,372	(\$18,720)	\$418,581	\$374,035	3.25%	31	\$1,030	\$419,610
Jan-21	Actual	\$419,610	\$37,006	(\$19,611)	\$476,227	\$447,919	3.25%	31	\$1,236	\$477,464
Feb-21	Actual	\$477,464	(\$439,086)	(\$17,975)	\$56,352	\$266,908	3.25%	28	\$665	\$57,017
Mar-21	Actual	\$57,017	\$65,768	(\$17,983)	\$140,768	\$98,893	3.25%	31	\$273	\$141,041
Apr-21	Actual	\$141,041	\$63,566	(\$15,983)	\$220,590	\$180,816	3.25%	30	\$483	\$221,073
May-21	Estimate	\$214,877 (2)	(\$415,001)	(\$18,494)	(\$181,629)	\$16,624	3.25%	31	\$1,912 (3)	(\$179,718)
Jun-21	Estimate	(\$179,718)	\$87,636	(\$17,495)	(\$74,586)	(\$127,152)	3.25%	30	(\$340)	(\$74,926)
Jul-21	Estimate	(\$74,926)	<u>(\$462,270)</u>	<u>(\$22,035)</u>	(\$515,160)	(\$295,043)	3.25%	31	<u>(\$814)</u>	(\$515,975)
Total Aug-20 to Jul-21			(\$978,289)	(\$221,272)					\$12,636	

		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)
Total External Delivery Charge		Beginning Balance	Total Costs	Total Revenue	Ending Balance Before Interest (a + b - c)	Average Monthly Balance ((a+d) / 2)	Interest Rate	Number of Days / Month	Computed Interest	Ending Balance with Interest (d + h)
	Aug-20	Actual	\$1,441,613 (1)	\$5,993,511	\$4,023,104	\$3,412,021	\$2,426,817	3.25%	31	\$10,302 (1)
Sep-20	Actual	\$3,422,322	\$2,992,185	\$3,458,511	\$2,955,996	\$3,189,159	3.25%	30	\$8,496	\$2,964,492
Oct-20	Actual	\$2,964,492	\$1,910,906	\$3,136,907	\$1,738,491	\$2,351,491	3.25%	31	\$6,473	\$1,744,964
Nov-20	Actual	\$1,744,964	\$2,698,415	\$3,240,860	\$1,202,519	\$1,473,742	3.25%	30	\$3,926	\$1,206,445
Dec-20	Actual	\$1,206,445	\$3,268,892	\$3,557,309	\$918,028	\$1,062,236	3.25%	31	\$2,924	\$920,952
Jan-21	Actual	\$920,952	\$2,872,232	\$3,726,820	\$66,364	\$493,658	3.25%	31	\$1,363	\$67,727
Feb-21	Actual	\$67,727	\$2,324,748	\$3,415,043	(\$1,022,568)	(\$477,421)	3.25%	28	(\$1,190)	(\$1,023,758)
Mar-21	Actual	(\$1,023,758)	\$2,817,730	\$3,412,958	(\$1,618,986)	(\$1,321,372)	3.25%	31	(\$3,647)	(\$1,622,634)
Apr-21	Actual	(\$1,622,634)	\$2,537,428	\$3,032,875	(\$2,118,081)	(\$1,870,357)	3.25%	30	(\$4,996)	(\$2,123,077)
May-21	Estimate	(\$2,129,273)(2)	\$2,408,948	\$3,516,801	(\$3,237,126)	(\$2,683,199)	3.25%	31	(\$5,540)(3)	(\$3,242,666)
Jun-21	Estimate	(\$3,242,666)	\$5,032,613	\$3,326,898	(\$1,536,951)	(\$2,389,808)	3.25%	30	(\$6,384)	(\$1,543,334)
Jul-21	Estimate	(\$1,543,334)	<u>\$3,468,955</u>	<u>\$4,190,097</u>	(\$2,264,477)	(\$1,903,906)	3.25%	31	<u>(\$5,255)</u>	(\$2,269,732)
Total Aug-20 to Jul-21			\$38,326,563	\$42,038,182					\$6,470	

(1) Beginning balance includes VMP/REP reconciliation of \$337,289, as filed in DE 20-027 for effect May 1, 2020, plus associated interest adjustment of \$3,621.26.
 (2) Beginning balance includes VMP/REP reconciliation of (\$179,614) as filed in DE 20-183 for effect May 1, 2021, plus property tax reconciliation of \$173,418 as filed in DE 21-069 effective January 1, 2021.
 (3) Estimate includes \$1,866 related to property tax reconciliation, effective January 1, 2021.

		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)
		Beginning Balance	Total Costs	Total Revenue	Ending Balance Before Interest (a + b - c)	Average Monthly Balance ((a+d) / 2)	Interest Rate	Number of Days / Month	Computed Interest	Ending Balance with Interest (d + h)
Transmission Costs Only										
Aug-21	Estimate	(\$1,753,757)	\$3,842,815	\$3,462,151	(\$1,373,094)	(\$1,563,426)	3.25%	31	(\$4,315)	(\$1,377,410)
Sep-21	Estimate	(\$1,377,410)	\$3,401,385	\$2,873,908	(\$849,932)	(\$1,113,671)	3.25%	30	(\$2,975)	(\$852,907)
Oct-21	Estimate	(\$852,907)	\$2,711,873	\$2,953,810	(\$1,094,844)	(\$973,876)	3.25%	31	(\$2,688)	(\$1,097,532)
Nov-21	Estimate	(\$1,097,532)	\$2,866,472	\$2,960,791	(\$1,191,851)	(\$1,144,692)	3.25%	30	(\$3,058)	(\$1,194,909)
Dec-21	Estimate	(\$1,194,909)	\$3,164,134	\$3,152,506	(\$1,183,281)	(\$1,189,095)	3.25%	31	(\$3,282)	(\$1,186,563)
Jan-22	Estimate	(\$1,186,563)	\$3,175,810	\$3,239,413	(\$1,250,166)	(\$1,218,365)	3.25%	31	(\$3,363)	(\$1,253,529)
Feb-22	Estimate	(\$1,253,529)	\$3,036,684	\$2,851,580	(\$1,068,426)	(\$1,160,978)	3.25%	28	(\$2,894)	(\$1,071,320)
Mar-22	Estimate	(\$1,071,320)	\$2,867,934	\$2,529,768	(\$733,154)	(\$902,237)	3.25%	31	(\$2,490)	(\$735,645)
Apr-22	Estimate	(\$735,645)	\$2,635,136	\$3,179,979	(\$1,280,487)	(\$1,008,066)	3.25%	30	(\$2,693)	(\$1,283,180)
May-22	Estimate	(\$1,283,180)	\$3,016,355	\$2,848,200	(\$1,115,025)	(\$1,199,102)	3.25%	31	(\$3,310)	(\$1,118,335)
Jun-22	Estimate	(\$1,118,335)	\$3,619,896	\$2,829,944	(\$328,382)	(\$723,358)	3.25%	30	(\$1,932)	(\$330,315)
Jul-22	Estimate	(\$330,315)	<u>\$3,931,224</u>	<u>\$3,600,605</u>	\$305	(\$165,005)	3.25%	31	<u>(\$455)</u>	(\$151)
Total Aug-21 to Jul-22			\$38,269,718	\$36,482,655					(\$33,457)	

		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)
		Beginning Balance	Total Costs	Total Revenue	Ending Balance Before Interest (a + b - c)	Average Monthly Balance ((a+d) / 2)	Interest Rate	Number of Days / Month	Computed Interest	Ending Balance with Interest (d + h)
All Remaining EDC Costs (Non-Transmission)										
Aug-21	Estimate	(\$515,975)	\$366,613	(\$150,141)	\$780	(\$257,597)	3.25%	31	(\$711)	\$69
Sep-21	Estimate	\$69	\$66,627	(\$124,631)	\$191,327	\$95,698	3.25%	30	\$256	\$191,583
Oct-21	Estimate	\$191,583	(\$471,227)	(\$128,096)	(\$151,548)	\$20,017	3.25%	31	\$55	(\$151,493)
Nov-21	Estimate	(\$151,493)	\$54,126	(\$128,399)	\$31,032	(\$60,230)	3.25%	30	(\$161)	\$30,871
Dec-21	Estimate	\$30,871	\$52,686	(\$136,713)	\$220,270	\$125,571	3.25%	31	\$347	\$220,617
Jan-22	Estimate	\$220,617	(\$479,710)	(\$140,482)	(\$118,611)	\$51,003	3.25%	31	\$141	(\$118,470)
Feb-22	Estimate	(\$118,470)	\$60,160	(\$123,663)	\$65,353	(\$26,558)	3.25%	28	(\$66)	\$65,287
Mar-22	Estimate	\$65,287	\$59,978	(\$109,707)	\$234,973	\$150,130	3.25%	31	\$414	\$235,387
Apr-22	Estimate	\$235,387	(\$461,315)	(\$137,905)	(\$88,023)	\$73,682	3.25%	30	\$197	(\$87,826)
May-22	Estimate	(\$87,826)	\$70,535	(\$123,517)	\$106,225	\$9,199	3.25%	31	\$25	\$106,251
Jun-22	Estimate	\$106,251	\$70,535	(\$122,725)	\$299,510	\$202,881	3.25%	30	\$54	\$300,052
Jul-22	Estimate	\$300,052	<u>(\$461,345)</u>	<u>(\$156,146)</u>	(\$5,146)	\$147,453	3.25%	31	<u>\$407</u>	(\$4,739)
Total Aug-21 to Jul-22			(\$1,072,336)	(\$1,582,126)					\$1,446	

		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)
		Beginning Balance	Total Costs	Total Revenue	Ending Balance Before Interest (a + b - c)	Average Monthly Balance ((a+d) / 2)	Interest Rate	Number of Days / Month	Computed Interest	Ending Balance with Interest (d + h)
Total External Delivery Charge										
Aug-21	Estimate	(\$2,269,732)	\$4,209,428	\$3,312,010	(\$1,372,314)	(\$1,821,023)	3.25%	31	(\$5,027)	(\$1,377,340)
Sep-21	Estimate	(\$1,377,340)	\$3,468,012	\$2,749,276	(\$658,605)	(\$1,017,973)	3.25%	30	(\$2,719)	(\$661,324)
Oct-21	Estimate	(\$661,324)	\$2,240,646	\$2,825,714	(\$1,246,392)	(\$953,858)	3.25%	31	(\$2,633)	(\$1,249,025)
Nov-21	Estimate	(\$1,249,025)	\$2,920,598	\$2,832,392	(\$1,160,819)	(\$1,204,922)	3.25%	30	(\$3,219)	(\$1,164,038)
Dec-21	Estimate	(\$1,164,038)	\$3,216,820	\$3,015,792	(\$963,011)	(\$1,063,524)	3.25%	31	(\$2,936)	(\$965,946)
Jan-22	Estimate	(\$965,946)	\$2,696,100	\$3,098,931	(\$1,368,777)	(\$1,167,362)	3.25%	31	(\$3,222)	(\$1,371,999)
Feb-22	Estimate	(\$1,371,999)	\$3,096,844	\$2,727,917	(\$1,003,072)	(\$1,187,536)	3.25%	28	(\$2,961)	(\$1,006,033)
Mar-22	Estimate	(\$1,006,033)	\$2,927,912	\$2,420,061	(\$498,182)	(\$752,107)	3.25%	31	(\$2,076)	(\$500,258)
Apr-22	Estimate	(\$500,258)	\$2,173,821	\$3,042,074	(\$1,368,510)	(\$934,384)	3.25%	30	(\$2,496)	(\$1,371,006)
May-22	Estimate	(\$1,371,006)	\$3,086,890	\$2,724,683	(\$1,008,800)	(\$1,189,903)	3.25%	31	(\$3,284)	(\$1,012,084)
Jun-22	Estimate	(\$1,012,084)	\$3,690,431	\$2,707,219	(\$28,872)	(\$520,478)	3.25%	30	(\$1,390)	(\$30,262)
Jul-22	Estimate	(\$30,262)	<u>\$3,469,880</u>	<u>\$3,444,459</u>	(\$4,842)	(\$17,552)	3.25%	31	<u>(\$48)</u>	(\$4,890)
Total Aug-21 to Jul-22			\$37,197,382	\$34,900,529					(\$32,011)	

		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)
		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)	EDC Revenue Allocated to Transmission Only (3)	EDC Revenue Allocated to Non- Transmission (4)
Aug-19	Actual	118,537,358	42.6%	50,496,101	\$0.02502	\$1,263,412	(\$1,397,942)	\$2,906,407	\$2,771,878	\$2,891,604	(\$119,726)
Sep-19	Actual	90,925,979	54.2%	49,319,833	\$0.02502	\$1,233,982	(\$1,263,412)	\$2,274,891	\$2,245,461	\$2,342,457	(\$96,996)
Oct-19	Actual	92,677,035	47.3%	43,878,447	\$0.02502	\$1,097,839	(\$1,233,982)	\$2,318,732	\$2,182,589	\$2,276,882	(\$94,294)
Nov-19	Actual	83,806,415	59.8%	50,105,466	\$0.02502	\$1,253,639	(\$1,097,839)	\$2,096,778	\$2,252,578	\$2,349,880	(\$97,302)
Dec-19	Actual	96,427,360	59.5%	57,393,400	\$0.02502	\$1,435,983	(\$1,253,639)	\$2,412,591	\$2,594,935	\$2,706,996	(\$112,061)
Jan-20	Actual	105,526,571	52.1%	55,008,589	\$0.02502	\$1,376,265	(\$1,435,983)	\$2,640,278	\$2,580,560	\$2,692,002	(\$111,442)
Feb-20	Actual	100,808,820	45.9%	46,278,324	\$0.02502	\$1,157,884	(\$1,376,265)	\$2,522,198	\$2,303,817	\$2,403,338	(\$99,521)
Mar-20	Actual	98,474,001	40.5%	39,882,991	\$0.02502	\$997,872	(\$1,157,884)	\$2,463,728	\$2,303,717	\$2,403,291	(\$99,574)
Apr-20	Actual	82,185,178	47.1%	38,731,989	\$0.02502	\$969,074	(\$997,872)	\$2,056,184	\$2,027,386	\$2,115,018	(\$87,632)
May-20	Actual	79,204,870	51.8%	41,022,549	\$0.02502	\$1,026,384	(\$969,074)	\$1,981,610	\$2,038,920	\$2,127,053	(\$88,133)
Jun-20	Actual	96,963,052	50.3%	48,747,235	\$0.02502	\$1,219,656	(\$1,026,384)	\$2,425,965	\$2,619,236	\$2,732,437	(\$113,201)
Jul-20	Actual	113,343,540	49.2%	55,810,248	\$0.02502	\$1,396,372	(\$1,219,656)	\$2,835,702	\$3,012,419	\$3,142,595	(\$130,176)
Total Aug-19 to Jul-20		1,158,880,179		576,673,172		\$14,428,363	(\$14,429,932)	\$28,935,064	\$28,933,494	\$30,183,552	(\$1,250,057)

		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)
		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)	EDC Revenue Allocated to Transmission Only (3)	EDC Revenue Allocated to Non- Transmission (4)
Aug-20	Actual	119,336,085	39.2%	46,730,241	\$0.03613	\$1,688,364	(\$1,396,372)	\$3,731,112	\$4,023,104	\$4,044,282	(\$21,179)
Sep-20	Actual	104,243,568	36.7%	38,211,805	\$0.03613	\$1,380,593	(\$1,688,364)	\$3,766,282	\$3,458,511	\$3,476,726	(\$18,215)
Oct-20	Actual	79,784,988	56.7%	45,249,486	\$0.03613	\$1,634,864	(\$1,380,593)	\$2,882,635	\$3,136,907	\$3,153,426	(\$16,519)
Nov-20	Actual	82,889,244	62.8%	52,060,542	\$0.03613	\$1,880,947	(\$1,634,864)	\$2,994,776	\$3,240,860	\$3,257,923	(\$17,063)
Dec-20	Actual	97,658,684	54.1%	52,860,482	\$0.03613	\$1,909,849	(\$1,880,947)	\$3,528,408	\$3,557,309	\$3,576,029	(\$18,720)
Jan-21	Actual	100,779,156	54.8%	55,206,330	\$0.03613	\$1,994,605	(\$1,909,849)	\$3,642,064	\$3,726,820	\$3,746,431	(\$19,611)
Feb-21	Actual	100,725,900	48.7%	49,025,920	\$0.03613	\$1,771,306	(\$1,994,605)	\$3,638,341	\$3,415,043	\$3,433,018	(\$17,975)
Mar-21	Actual	104,203,762	37.7%	39,281,574	\$0.03613	\$1,419,243	(\$1,771,306)	\$3,765,021	\$3,412,958	\$3,430,941	(\$17,983)
Apr-21	Actual	84,030,340	46.6%	39,195,225	\$0.03613	\$1,416,123	(\$1,419,243)	\$3,035,994	\$3,032,875	\$3,048,857	(\$15,983)
May-21	Estimate	89,946,620	51.8%	46,586,020	\$0.03613	\$1,683,153	(\$1,416,123)	\$3,249,771	\$3,516,801	\$3,535,295	(\$18,494)
Jun-21	Estimate	92,276,307	50.3%	46,391,019	\$0.03613	\$1,676,108	(\$1,683,153)	\$3,333,943	\$3,326,898	\$3,344,393	(\$17,495)
Jul-21	Estimate	108,793,838	49.2%	53,569,979	\$0.03613	\$1,935,483	(\$1,676,108)	\$3,930,721	\$4,190,097	\$4,212,132	(\$22,035)
Total Aug-20 to Jul-21		1,164,668,493		564,368,623		\$20,390,638	(\$19,851,527)	\$41,499,071	\$42,038,182	\$42,259,454	(\$221,272)

		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)
		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)	EDC Revenue Allocated to Transmission Only (3)	EDC Revenue Allocated to Non- Transmission (4)
Aug-21	Estimate	118,415,959	39.2%	46,369,933	\$0.02978	\$1,380,897	(\$1,935,483)	\$3,866,597	\$3,312,010	\$3,462,151	(\$150,141)
Sep-21	Estimate	101,487,834	36.7%	37,201,656	\$0.02978	\$1,107,865	(\$1,380,897)	\$3,022,308	\$2,749,276	\$2,873,908	(\$124,631)
Oct-21	Estimate	84,285,840	56.7%	47,802,112	\$0.02978	\$1,423,547	(\$1,107,865)	\$2,510,032	\$2,825,714	\$2,953,810	(\$128,096)
Nov-21	Estimate	87,780,214	62.8%	55,132,431	\$0.02978	\$1,641,844	(\$1,423,547)	\$2,614,095	\$2,832,392	\$2,960,791	(\$128,399)
Dec-21	Estimate	101,475,205	54.1%	54,926,281	\$0.02978	\$1,635,705	(\$1,641,844)	\$3,021,932	\$3,015,792	\$3,152,506	(\$136,713)
Jan-22	Estimate	102,718,442	54.8%	56,268,661	\$0.02978	\$1,675,681	(\$1,635,705)	\$3,058,955	\$3,098,931	\$3,239,413	(\$140,482)
Feb-22	Estimate	99,460,809	48.7%	48,410,167	\$0.02978	\$1,441,655	(\$1,675,681)	\$2,961,943	\$2,727,917	\$2,851,580	(\$123,663)
Mar-22	Estimate	94,174,092	37.7%	35,500,700	\$0.02978	\$1,057,211	(\$1,441,655)	\$2,804,504	\$2,420,061	\$2,529,768	(\$109,707)
Apr-22	Estimate	93,868,248	46.6%	43,784,033	\$0.02978	\$1,303,888	(\$1,057,211)	\$2,795,396	\$3,042,074	\$3,179,979	(\$137,905)
May-22	Estimate	89,119,921	51.8%	46,157,848	\$0.02978	\$1,374,581	(\$1,303,888)	\$2,653,991	\$2,724,683	\$2,848,200	(\$123,517)
Jun-22	Estimate	91,210,123	50.3%	45,855,006	\$0.02978	\$1,365,562	(\$1,374,581)	\$2,716,237	\$2,707,219	\$2,829,944	(\$122,725)
Jul-22	Estimate	108,227,429	49.2%	53,291,080	\$0.02978	\$1,587,008	(\$1,365,562)	\$3,223,013	\$3,444,459	\$3,600,605	(\$156,146)
Total Aug-21 to Jul-22		1,172,224,117		570,699,907		\$16,995,443	(\$17,343,918)	\$35,249,004	\$34,900,529	\$36,482,655	(\$1,582,126)

(1) Actual per billing system

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

(3) Allocation based on the ratio of the Transmission Only factor to the total EDC rate, multiplied by total net revenue.

(4) Allocation based on the ratio of the Non-Transmission factor to the total EDC rate, multiplied by total gross revenue (revenue prior to any reversals under alternative net metering).

	<u>Billed kWh</u>	<u>Direct Estimate of Unbilled kWh</u>	<u>Unbilled kWh / Billed kWh</u>
Aug-19	118,537,358	50,496,101	42.6%
Sep-19	90,925,979	49,319,833	54.2%
Oct-19	92,677,035	43,878,447	47.3%
Nov-19	83,806,415	50,105,466	59.8%
Dec-19	96,427,360	57,393,400	59.5%
Jan-20	105,526,571	55,006,589	52.1%
Feb-20	100,808,820	46,278,324	45.9%
Mar-20	98,474,001	39,882,991	40.5%
Apr-20	82,185,178	38,731,989	47.1%
May-20	79,204,870	41,022,549	51.8%
Jun-20	96,963,052	48,747,235	50.3%
Jul-20	113,343,540	55,810,248	49.2%
Aug-20	119,336,085	46,730,241	39.2%
Sep-20	104,243,568	38,211,805	36.7%
Oct-20	79,784,988	45,249,486	56.7%
Nov-20	82,889,244	52,060,542	62.8%
Dec-20	97,658,684	52,860,482	54.1%
Jan-21	100,779,156	55,206,330	54.8%
Feb-21	100,725,900	49,025,920	48.7%
Mar-21	104,203,762	39,281,574	37.7%
Apr-21	84,030,340	39,195,225	46.6%

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

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CALCULATION OF THE STRANDED COST CHARGE

Uniform per kWh Charge

1. (Over)/under Recovery - Beginning Balance August 1, 2021 0	(\$119,299)	\$4,990
2. Estimated Total Costs (August 2021 0 - July 2022 +)	(\$147,563)	(\$26,373)
3. Estimated Interest (August 2021 0 - July 2022 +)	(\$3,241)	\$117
4. Costs to be Recovered (L.1 + L.2 + L.3)	(\$270,103)	(\$21,266)
5. Estimated Calendar Month Deliveries in kWh (August 2021 0 - July 2022 +)	1,092,761,223	1,171,945,218
6. Stranded Cost Charge (\$/kWh) (L.4 / L.5)	(\$0.00025)	(\$0.00002)
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)	(\$0.00025)	(\$0.00002)
<u>Class G2 (1)</u>		
8. Estimated G2 Demand Revenue (August 2021 0 - July 2022 +)	(\$58,426)	\$0
9. Estimated G2 Deliveries in kW (August 2021 0 - July 2022 +)	1,158,830	1,328,481
10. Stranded Cost Charge (\$/kW) (L. 8 / L. 9)	(\$0.05)	\$0.00
11. G2 Energy Revenue (August 2021 0 - July 2022 +)	(\$14,760)	(\$6,758)
12. Estimated G2 Calendar Month Deliveries in kWh (August 2021 0 - July 2022 +)	292,744,302	337,890,972
13. Stranded Cost Charge (\$/kWh) (L.11 / L.12)	(\$0.00005)	(\$0.00002)
<u>Class G1 (1)</u>		
14. Estimated G1 Demand Revenue (August 2021 0 - July 2022 +)	(\$56,554)	\$0
15. Estimated G1 Deliveries in kVA (August 2021 0 - July 2022 +)	947,891	1,050,126
16. Stranded Cost Charge (\$/kVA) (L. 14 / L. 15)	(\$0.06)	\$0.00
17. G1 Energy Revenue (August 2021 0 - July 2022 +)	(\$17,727)	(\$6,701)
18. Estimated G1 Calendar Month Deliveries in kWh (August 2021 0 - July 2022 +)	297,124,979	335,030,129
19. Stranded Cost Charge (\$/kWh) (L.17 / L.18)	(\$0.00006)	(\$0.00002)

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

Authorized by NHPUC Order No. 26,388 in Case No. DE-20-098, dated July 31, 2020

Issued: June 17, 2021~~August 5, 2020~~
 Effective: August 1, 2021~~0~~

Issued By: Robert B. Hevert
 Sr. Vice President

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

Twenty-Seventh ~~Sixth~~ Revised Page 67
Superseding Twenty-Sixth ~~Issued in Lieu of Twenty-Fifth~~ Revised Page 67

CALCULATION OF THE EXTERNAL DELIVERY CHARGE

	Calculation of the EDC - <u>Total</u>	Calculation of the EDC - <u>Transmission Only</u>	Calculation of the EDC - <u>Non-Transmission</u>
1- (Over)/under Recovery - Beginning Balance August 1, 2020	\$4,645,717	\$4,401,031	\$244,686
2- Estimated Total Costs (August 2020 - July 2021)	\$34,759,950	\$35,230,833	(\$470,883)
3- Estimated Interest (August 2020 - July 2021)	<u>\$71,489</u>	<u>\$60,078</u>	<u>\$11,411</u>
4- Costs to be Recovered (L.1 + L.2 + L.3)	\$39,477,156	\$39,691,942	(\$214,786)
5- Estimated Calendar Month Deliveries in kWh (August 2020 - July 2021)	<u>1,092,761,223</u>	<u>1,092,761,223</u>	<u>1,092,761,223</u>
6- External Delivery Charge (\$/kWh) (L. 4 / L. 5)	\$0.03613	\$0.03632	(\$0.00019)
1. (Over)/under Recovery - Beginning Balance August 1, 2021	(\$2,269,732)	(\$1,753,757)	(\$515,975)
2. Estimated Total Costs (August 2021 - July 2022)	\$37,197,382	\$38,269,718	(\$1,072,336)
3. Estimated Interest (August 2021 - July 2022)	<u>(\$32,011)</u>	<u>(\$33,457)</u>	<u>\$1,446</u>
4. Costs to be Recovered (L.1 + L.2 + L.3)	\$34,895,639	\$36,482,504	(\$1,586,865)
5. Estimated Calendar Month Deliveries in kWh (August 2021 - July 2022)	<u>1,171,945,218</u>	<u>1,171,945,218</u>	<u>1,171,945,218</u>
6. External Delivery Charge (\$/kWh) (L. 4 / L. 5)	\$0.02978	\$0.03113	(\$0.00135)

Authorized by NHPUC Order No. ~~26,388~~ in Case No. ~~DE 20-098~~, dated ~~July 31, 2020~~

Issued: June 17, 2021 ~~August 5, 2020~~
Effective: August 1, 2021 ~~0~~

Issued By: Robert B. Hevert
Sr. Vice President

SUMMARY OF DELIVERY SERVICE RATES

Each bill rendered for electric delivery service shall be calculated through the application of the effective rates as listed below.

Class		Distribution Charge*	Non-Transmission External Delivery Charge**	Transmission External Delivery Charge**	Total External Delivery Charge**	Stranded Cost Charge**	Storm Recovery Adjustment Factor***	System Benefits Charge**** (1)	Total Delivery Charges
D	Customer Charge	\$16.22							\$16.22
	All kWh	\$0.03942	(\$0.00135)	\$0.03113	\$0.02978	(\$0.00002)	\$0.00047	\$0.00752	\$0.07717
<hr/>									
G2	Customer Charge	\$29.19				\$0.00			\$29.19
	All kW	\$10.51				(\$0.05)			\$10.51
	All kWh	\$0.00384	(\$0.00135)	\$0.03113	\$0.02978	(\$0.00002)	\$0.00047	\$0.00752	\$0.04159
<hr/>									
G2 - kWh meter	Customer Charge	\$18.38							\$18.38
	All kWh	\$0.01267	(\$0.00135)	\$0.03113	\$0.02978	(\$0.00002)	\$0.00047	\$0.00752	\$0.05042
<hr/>									
G2 - Quick Recovery Water Heat and/or Space Heat	Customer Charge	\$9.73							\$9.73
	All kWh	\$0.03588	(\$0.00135)	\$0.03113	\$0.02978	(\$0.00002)	\$0.00047	\$0.00752	\$0.07363
<hr/>									
G1	Customer Charge	\$162.18	Secondary Voltage						\$162.18
	Customer Charge	\$86.49	Primary Voltage						\$86.49
	All kVA	\$7.60				\$0.00			\$7.60
	All kWh	\$0.00384	(\$0.00135)	\$0.03113	\$0.02978	(\$0.00002)	\$0.00047	\$0.00752	\$0.04159
	All kWh	\$0.00384	(\$0.00135)	\$0.03113	\$0.02978	(\$0.00006)	\$0.00047	\$0.00752	\$0.04790
<hr/>									
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 \$0.00528 per kWh and lost base revenue portion of \$0.00074 per kWh.

* Authorized by NHPUC Order No. 26,484 in Case No. DE 21-030, dated May 27, 2021

** Authorized by NHPUC Order No. 26,388 in Case No. DE 20-098, dated July 31, 2020

*** Authorized by NHPUC Secretarial Letter in Case No. DE 18-036, dated April 13, 2021

**** Authorized by NHPUC Order No. 26,323 in Case No. DE 17-136, dated December 31, 2019

Issued: June 17, 2021
Effective: August 1, 2021

Issued By: Robert B. Hevert
Sr. Vice President

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

Forty-Seventh Revised Page 5
Superseding Forty-Sixth Revised Page 5

SUMMARY OF DELIVERY SERVICE RATES (continued)

Class	Distribution Charge*	Non-Transmission	Transmission	External Delivery Charge**	Stranded Cost Charge**	Storm Recovery Adjustment Factor***	System Benefits Charge**** (1)	Total Delivery Charges
		External Delivery Charge**	External Delivery Charge**					
OL		(\$0.00135)	\$0.03113	\$0.02978	(\$0.00002)			\$0.04159
All kWh	\$0.00384	(\$0.00019)	\$0.03632	\$0.03613	(\$0.00025)	\$0.00047	\$0.00752	\$0.04771

Luminaire Charges

Lamp Size Nominal Watts	Lumens (Approx.)	All-Night Service	Midnight Service	Description	Price Per Luminaire	
		Monthly kWh	Monthly kWh		Per Mo.	Per Year
100	3,500	43	20	Mercury Vapor Street	\$13.28	\$159.36
175	7,000	71	33	Mercury Vapor Street	\$15.75	\$189.00
250	11,000	100	46	Mercury Vapor Street	\$17.85	\$214.20
400	20,000	157	73	Mercury Vapor Street	\$21.25	\$255.00
1,000	60,000	372	173	Mercury Vapor Street	\$42.19	\$506.28
250	11,000	100	46	Mercury Vapor Flood	\$19.02	\$228.24
400	20,000	157	73	Mercury Vapor Flood	\$22.75	\$273.00
1,000	60,000	380	176	Mercury Vapor Flood	\$37.70	\$452.40
100	3,500	48	22	Mercury Vapor Power Bracket	\$13.41	\$160.92
175	7,000	71	33	Mercury Vapor Power Bracket	\$14.87	\$178.44
50	4,000	23	11	Sodium Vapor Street	\$13.52	\$162.24
100	9,500	48	22	Sodium Vapor Street	\$15.22	\$182.64
150	16,000	65	30	Sodium Vapor Street	\$15.28	\$183.36
250	30,000	102	47	Sodium Vapor Street	\$19.14	\$229.68
400	50,000	161	75	Sodium Vapor Street	\$24.13	\$289.56
1,000	140,000	380	176	Sodium Vapor Street	\$41.66	\$499.92
150	16,000	65	30	Sodium Vapor Flood	\$17.61	\$211.32
250	30,000	102	47	Sodium Vapor Flood	\$20.76	\$249.12
400	50,000	161	75	Sodium Vapor Flood	\$23.58	\$282.96
1,000	140,000	380	176	Sodium Vapor Flood	\$42.03	\$504.36
50	4,000	23	11	Sodium Vapor Power Bracket	\$12.51	\$150.12
100	9,500	48	22	Sodium Vapor Power Bracket	\$14.04	\$168.48
175	8,800	74	34	Metal Halide Street	\$19.91	\$238.92
250	13,500	102	47	Metal Halide Street	\$21.65	\$259.80
400	23,500	158	73	Metal Halide Street	\$22.45	\$269.40
175	8,800	74	34	Metal Halide Flood	\$23.00	\$276.00
250	13,500	102	47	Metal Halide Flood	\$24.83	\$297.96
400	23,500	158	73	Metal Halide Flood	\$24.88	\$298.56
1,000	86,000	374	174	Metal Halide Flood	\$32.22	\$386.64
175	8,800	74	34	Metal Halide Power Bracket	\$18.63	\$223.56
250	13,500	102	47	Metal Halide Power Bracket	\$19.81	\$237.72
400	23,500	158	73	Metal Halide Power Bracket	\$21.17	\$254.04
42	3,600	15	7	LED Area Light Fixture	\$13.16	\$157.92
57	5,200	20	9	LED Area Light Fixture	\$13.21	\$158.52
25	3,000	9	4	LED Cobra Head Fixture	\$13.11	\$157.32
88	8,300	30	14	LED Cobra Head Fixture	\$13.30	\$159.60
108	11,500	37	17	LED Cobra Head Fixture	\$13.36	\$160.32
193	21,000	67	31	LED Cobra Head Fixture	\$13.62	\$163.44
123	12,180	43	20	LED Flood Light Fixture	\$13.41	\$160.92
194	25,700	67	31	LED Flood Light Fixture	\$13.62	\$163.44
297	38,100	103	48	LED Flood Light Fixture	\$13.93	\$167.16

(1) Includes low-income portion of \$0.00150 per kWh, energy efficiency portion of \$0.00528 per kWh and lost base revenue portion of \$0.00074 per kWh.

* Authorized by NHPUC Order No. 26,484 in Case No. DE 21-030, dated May 27, 2021

** Authorized by NHPUC Order No. 26,388 in Case No. DE 20-098, dated July 31, 2020

*** Authorized by NHPUC Secretarial Letter in Case No. DE 18-036, dated April 13, 2021

**** Authorized by NHPUC Order No. 26,323 in Case No. DE 17-136, dated December 31, 2019

Issued: June 17, 2021
Effective: August 1, 2021

Issued By: Robert B. Hevert
Sr. Vice President

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

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

Tier	Percentage of NH State Median Income & Federal Poverty Guidelines	Discount (5)	Blocks	LI-EAP discount Delivery Only *; Excludes Supply	LI-EAP discount Fixed Default Service ** Supply Only	LI-EAP discount Variable Default Service ** Supply Only											
				Aug-Jun 2021-Nov 2021 (1)	Jun 2021-Nov 2021 (2)	Jun-21 (3)	Jul-21 (3)	Aug-21 (3)	Sep-21 (3)	Oct-21 (3)	Nov-21 (3)						
1 (4)	N/A	N/A															
2	151 (FPG) - 60 (SMI)	8%	Customer Charge First 750 kWh Excess 750 kWh	(\$1.30) (\$0.00617) (\$0.00666) \$0.00000	(\$0.00567) \$0.00000	(\$0.00555) \$0.00000	(\$0.00709) \$0.00000	(\$0.00495) \$0.00000	(\$0.00361) \$0.00000	(\$0.00616) \$0.00000	(\$0.00733) \$0.00000						
3	126 (FPG) - 150 (FPG)	22%	Customer Charge First 750 kWh Excess 750 kWh	(\$3.57) (\$0.01698) (\$0.01832) \$0.00000	(\$0.01560) \$0.00000	(\$0.01526) \$0.00000	(\$0.01951) \$0.00000	(\$0.01362) \$0.00000	(\$0.00994) \$0.00000	(\$0.01693) \$0.00000	(\$0.02015) \$0.00000						
4	101 (FPG) - 125 (FPG)	36%	Customer Charge First 750 kWh Excess 750 kWh	(\$5.84) (\$0.02778) (\$0.02998) \$0.00000	(\$0.02553) \$0.00000	(\$0.02497) \$0.00000	(\$0.03192) \$0.00000	(\$0.02229) \$0.00000	(\$0.01626) \$0.00000	(\$0.02770) \$0.00000	(\$0.03298) \$0.00000						
5	76 (FPG) - 100 (FPG)	52%	Customer Charge First 750 kWh Excess 750 kWh	(\$8.43) (\$0.04013) (\$0.04331) \$0.00000	(\$0.03687) \$0.00000	(\$0.03607) \$0.00000	(\$0.04611) \$0.00000	(\$0.03219) \$0.00000	(\$0.02349) \$0.00000	(\$0.04001) \$0.00000	(\$0.04763) \$0.00000						
6	0 - 75 (FPG)	76%	Customer Charge First 750 kWh Excess 750 kWh	(\$12.33) (\$0.05865) (\$0.06330) \$0.00000	(\$0.05389) \$0.00000	(\$0.05271) \$0.00000	(\$0.06740) \$0.00000	(\$0.04705) \$0.00000	(\$0.03434) \$0.00000	(\$0.05848) \$0.00000	(\$0.06962) \$0.00000						

(1) Discount calculated using total utility charges from Page 4 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. Competitively supplied customers billed on a consolidated basis would receive these discounts plus the appropriate fixed default service supply discount.

(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. _____ in Case No. DE _____, dated _____

** Authorized by NHPUC Order No. 26,470 in Case No. DE 21-041, dated April 13, 2021 and by NHPUC Order No. 26,484 in Case No. DE 21-030, dated May 27, 2021

EXTERNAL DELIVERY CHARGE
SCHEDULE EDC

The External Delivery Charge (“EDC”), as specified on Calculation of the External Delivery Charge, shall be billed by the Company to all customers taking Delivery Service from the Company. The purpose of the EDC is to recover, on a fully reconciling basis, the costs billed to the Company by Other Transmission Providers as well as third party costs billed to the Company for energy and transmission related services and other costs approved by the Commission as specified herein.

The EDC shall include the following charges, except that third party costs associated with Default Service shall be included in the Default Service Charge: 1) charges billed to the Company by Other Transmission Providers as well as any charges relating to the stability of the transmission system which the Company is authorized to recover by order of the regulatory agency having jurisdiction over such charges, 2) transmission-based assessments or fees billed by or through regulatory agencies, 3) costs billed by third parties for load estimation and reconciliation and data and information services necessary for allocation and reporting of supplier loads, and for reporting to, and receiving data from, ISO New England, 4) legal and consulting outside service charges related to the Company's transmission and energy obligations and responsibilities, including legal and regulatory activities associated with the independent system operator (“ISO”), New England Power Pool (“NEPOOL”), regional transmission organization (“RTO”) and Federal Energy Regulatory Commission (“FERC”), and Commission approved special assessments charged to the Company due to the expenses of experts employed by the Office of Consumer Advocate pursuant to the provisions of RSA 363:28,III. 5) the costs of Administrative Service Charges billed to the Company by Unitil Power Corp. under the FERC-approved Amended Unitil System Agreement, 6) Effective July 1, 2014, in accordance with RSA 363-A:6, amounts above or below the total NHPUC Assessment, less amounts charged to base distribution and Default Service, and 7) cash working capital associated with Other Flow-Through Operating Expenses. In addition, the EDC shall include the calendar year over- or under-collection from the Company's Vegetation Management Program and Reliability Enhancement Program. The over- or under- collection shall be credited or charged to the EDC on May 1 of the following year, or, with approval of the Commission, the Company may credit unspent amounts to future Vegetation Management Program expenditures. Per DE 21-069, the EDC shall include the reconciliation of the prior year's local property tax recovery included in distribution rates and the actual property tax expense for the calendar year. The over- or under-recovery associated with the reconciliation shall be charged or credited to the EDC on January 1 of the following calendar year. ~~The EDC shall include rate case expenses and other regulatory expenses allowed by the Commission in Docket DE 16-384.~~ The EDC shall also include a charge for the recovery of displaced distribution revenue associated with net metering for 2013 and subsequent years. Lastly, the EDC shall include the prudently incurred costs, as approved by the Commission, associated with the alternative net metering tariff approved in Docket DE 16-576, including: net metering credits; meters installed and related data management; independent monitoring services, bi-directional and production meters installed and related data management systems and processes; pilot programs; studies; and data collection, maintenance and dissemination. For purposes of this Schedule, “Other Transmission Provider” shall be defined as any transmission provider and other regional transmission and/or operating entities, such as NEPOOL, a regional transmission group (“RTG”), an ISO, and their successors, or other such body with the oversight of regional transmission, in the event that any of these entities are authorized to bill the Company directly for their services.

The EDC shall be established annually based on a forecast of includable costs, and shall also include a full reconciliation with interest for any over- or under-recoveries occurring in prior year(s). Interest shall be calculated at the prime rate, with said prime rate to be fixed on a quarterly basis and to be established as reported in THE WALL STREET JOURNAL on the first business day of the month preceding the calendar quarter. If more than one interest rate is reported, the average of the reported rates shall be used. The Company may file to change the EDC at any time should significant over- or under-recoveries occur or be expected to occur. In addition, the Company's annual filing shall breakdown the EDC into two components (transmission and non-transmission) for purposes of billing under the alternative net metering tariff that became effective September 1, 2017.

Any adjustment to the EDC shall be in accordance with a notice filed with the Commission setting forth the amount of the proposed charge and the amount of the increase or decrease. The notice shall further specify the effective date of such charge, which shall not be earlier than forty-five days after the filing of the notice, or such other date as the Commission may authorize. The annual adjustment to the EDC shall be derived in the same manner as that provided by Calculation of the External Delivery Charge.

Authorized by NHPUC Order No. ~~26,388~~ in Case No. ~~DE 20-098~~, dated ~~July 31, 2020~~

Issued: ~~June 17, 2021~~~~August 11, 2020~~

Effective: August 1, 2021~~19~~

Issued by: Robert B. Hevert
Sr. Vice President

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

Residential Rate D 650 kWh Bill

	6/1/2021	8/1/2021					%
<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	\$16.22	\$16.22	\$0.00	\$16.22	\$16.22	\$0.00	0.0%
	<u>\$/kWh</u>	<u>\$/kWh</u>					
Distribution Charge	\$0.03942	\$0.03942	\$0.00000	\$25.62	\$25.62	\$0.00	0.0%
External Delivery Charge	\$0.03613	\$0.02978	(\$0.00635)	\$23.48	\$19.36	(\$4.13)	(3.5%)
Stranded Cost Charge	(\$0.00025)	(\$0.00002)	\$0.00023	(\$0.16)	(\$0.01)	\$0.15	0.1%
Storm Recovery Adj.	\$0.00047	\$0.00047	\$0.00000	\$0.31	\$0.31	\$0.00	0.0%
System Benefits Charge	\$0.00752	\$0.00752	\$0.00000	\$4.89	\$4.89	\$0.00	0.0%
Default Service Charge	<u>\$0.07091</u>	<u>\$0.07091</u>	<u>\$0.00000</u>	<u>\$46.09</u>	<u>\$46.09</u>	<u>\$0.00</u>	<u>0.0%</u>
Total kWh Charges	\$0.15420	\$0.14808	(\$0.00612)				
Total Bill				\$116.45	\$112.47	(\$3.98)	(3.4%)

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

	6/1/2021	8/1/2021					%
<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	\$29.19	\$29.19	\$0.00	\$29.19	\$29.19	\$0.00	0.0%
	<u>All kW</u>	<u>All kW</u>					
Distribution Charge	\$10.51	\$10.51	\$0.00	\$115.61	\$115.61	\$0.00	0.0%
Stranded Cost Charge	<u>(\$0.05)</u>	<u>\$0.00</u>	<u>\$0.05</u>	<u>(\$0.55)</u>	<u>\$0.00</u>	<u>\$0.55</u>	<u>0.1%</u>
Total kW Charges	\$10.46	\$10.51	\$0.05	\$115.06	\$115.61	\$0.55	0.1%
	<u>\$/kWh</u>	<u>\$/kWh</u>					
Distribution Charge	\$0.00384	\$0.00384	\$0.00000	\$10.75	\$10.75	\$0.00	0.0%
External Delivery Charge	\$0.03613	\$0.02978	(\$0.00635)	\$101.16	\$83.38	(\$17.78)	(4.0%)
Stranded Cost Charge	(\$0.00005)	(\$0.00002)	\$0.00003	(\$0.14)	(\$0.06)	\$0.08	0.0%
Storm Recovery Adj.	\$0.00047	\$0.00047	\$0.00000	\$1.32	\$1.32	\$0.00	0.0%
System Benefits Charge	\$0.00752	\$0.00752	\$0.00000	\$21.06	\$21.06	\$0.00	0.0%
Default Service Charge	<u>\$0.05992</u>	<u>\$0.05992</u>	<u>\$0.00000</u>	<u>\$167.78</u>	<u>\$167.78</u>	<u>\$0.00</u>	<u>0.0%</u>
Total kWh Charges	\$0.10783	\$0.10151	(\$0.00632)	\$301.92	\$284.23	(\$17.70)	(4.0%)
Total Bill				\$446.17	\$429.03	(\$17.15)	(3.8%)

**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>							
	6/1/2021	8/1/2021					%
<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	\$9.73	\$9.73	\$0.00	\$9.73	\$9.73	\$0.00	0.0%
	<u>\$/kWh</u>	<u>\$/kWh</u>					
Distribution Charge	\$0.03588	\$0.03588	\$0.00000	\$59.56	\$59.56	\$0.00	0.0%
External Delivery Charge	\$0.03613	\$0.02978	(\$0.00635)	\$59.98	\$49.43	(\$10.54)	(4.4%)
Stranded Cost Charge	(\$0.00025)	(\$0.00002)	\$0.00023	(\$0.42)	(\$0.03)	\$0.38	0.2%
Storm Recovery Adj.	\$0.00047	\$0.00047	\$0.00000	\$0.78	\$0.78	\$0.00	0.0%
System Benefits Charge	\$0.00752	\$0.00752	\$0.00000	\$12.48	\$12.48	\$0.00	0.0%
Default Service Charge	<u>\$0.05992</u>	<u>\$0.05992</u>	<u>\$0.00000</u>	<u>\$99.47</u>	<u>\$99.47</u>	<u>\$0.00</u>	<u>0.0%</u>
Total kWh Charges	\$0.13967	\$0.13355	(\$0.00612)	\$231.85	\$221.69	(\$10.16)	(4.2%)
Total Bill				\$241.58	\$231.42	(\$10.16)	(4.2%)

<u>Regular General G2 kWh Meter 115 kWh Typical Bill</u>							
	6/1/2021	8/1/2021					%
<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	\$18.38	\$18.38	\$0.00	\$18.38	\$18.38	\$0.00	0.0%
	<u>\$/kWh</u>	<u>\$/kWh</u>					
Distribution Charge	\$0.01267	\$0.01267	\$0.00000	\$1.46	\$1.46	\$0.00	0.0%
External Delivery Charge	\$0.03613	\$0.02978	(\$0.00635)	\$4.15	\$3.42	(\$0.73)	(2.3%)
Stranded Cost Charge	(\$0.00025)	(\$0.00002)	\$0.00023	(\$0.03)	(\$0.00)	\$0.03	0.1%
Storm Recovery Adj.	\$0.00047	\$0.00047	\$0.00000	\$0.05	\$0.05	\$0.00	0.0%
System Benefits Charge	\$0.00752	\$0.00752	\$0.00000	\$0.86	\$0.86	\$0.00	0.0%
Default Service Charge	<u>\$0.05992</u>	<u>\$0.05992</u>	<u>\$0.00000</u>	<u>\$6.89</u>	<u>\$6.89</u>	<u>\$0.00</u>	<u>0.0%</u>
Total kWh Charges	\$0.11646	\$0.11034	(\$0.00612)	\$13.39	\$12.69	(\$0.70)	(2.2%)
Total Bill				\$31.77	\$31.07	(\$0.70)	(2.2%)

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

Large General - G1 550 kVa, 200,000 kWh Typical Bill

<u>Rate Components</u>	6/1/2021	8/1/2021	<u>Difference</u>	<u>Current Bill</u>	<u>As Revised Bill</u>	<u>Difference</u>	% Difference to <u>Total Bill</u>
	<u>Current Rate</u>	<u>As Revised</u>					
Customer Charge	\$162.18	\$162.18	\$0.00	\$162.18	\$162.18	\$0.00	0.0%
	<u>All kVa</u>	<u>All kVa</u>					
Distribution Charge	\$7.60	\$7.60	\$0.00	\$4,180.00	\$4,180.00	\$0.00	0.0%
Stranded Cost Charge	<u>(\$0.06)</u>	<u>\$0.00</u>	<u>\$0.06</u>	<u>(\$33.00)</u>	<u>\$0.00</u>	<u>\$33.00</u>	<u>0.1%</u>
Total kVa Charges	\$7.54	\$7.60	\$0.06	\$4,147.00	\$4,180.00	\$33.00	0.1%
	<u>\$/kWh</u>	<u>\$/kWh</u>					
Distribution Charge	\$0.00384	\$0.00384	\$0.00000	\$768.00	\$768.00	\$0.00	0.0%
External Delivery Charge	\$0.03613	\$0.02978	(\$0.00635)	\$7,226.00	\$5,956.00	(\$1,270.00)	(4.9%)
Stranded Cost Charge	(\$0.00006)	(\$0.00002)	\$0.00004	(\$12.00)	(\$4.00)	\$8.00	0.0%
Storm Recovery Adj.	\$0.00047	\$0.00047	\$0.00000	\$94.00	\$94.00	\$0.00	0.0%
System Benefits Charge	\$0.00752	\$0.00752	\$0.00000	\$1,504.00	\$1,504.00	\$0.00	0.0%
Default Service Charge *	<u>\$0.05897</u>	<u>\$0.05897</u>	<u>\$0.00000</u>	<u>\$11,794.00</u>	<u>\$11,794.00</u>	<u>\$0.00</u>	<u>0.0%</u>
Total kWh Charges	\$0.10687	\$0.10056	(\$0.00631)	\$21,374.00	\$20,112.00	(\$1,262.00)	(4.9%)
Total Bill				\$25,683.18	\$24,454.18	(\$1,229.00)	(4.8%)

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

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

Residential Rate D 650 kWh Bill - Mean Use*

Rate Components	6/1/2021	8/1/2021	Difference	Current Bill	As Revised Bill	Difference	%
	<u>Current Rate</u>	<u>As Revised</u>					<u>Difference</u>
Customer Charge	\$16.22	\$16.22	\$0.00	\$16.22	\$16.22	\$0.00	0.0%
	<u>\$/kWh</u>	<u>\$/kWh</u>					
Distribution Charge	\$0.03942	\$0.03942	\$0.00000	\$25.62	\$25.62	\$0.00	0.0%
External Delivery Charge	\$0.03613	\$0.02978	(\$0.00635)	\$23.48	\$19.36	(\$4.13)	(3.5%)
Stranded Cost Charge	(\$0.00025)	(\$0.00002)	\$0.00023	(\$0.16)	(\$0.01)	\$0.15	0.1%
Storm Recovery Adj.	\$0.00047	\$0.00047	\$0.00000	\$0.31	\$0.31	\$0.00	0.0%
System Benefits Charge	\$0.00752	\$0.00752	\$0.00000	\$4.89	\$4.89	\$0.00	0.0%
Default Service Charge	<u>\$0.07091</u>	<u>\$0.07091</u>	<u>\$0.00000</u>	<u>\$46.09</u>	<u>\$46.09</u>	<u>\$0.00</u>	<u>0.0%</u>
Total kWh Charges	\$0.15420	\$0.14808	(\$0.00612)				
Total Bill				\$116.45	\$112.47	(\$3.98)	(3.4%)

Residential Rate D 526 kWh Bill - Median Use*

Rate Components	6/1/2021	8/1/2021	Difference	Current Bill	As Revised Bill	Difference	%
	<u>Current Rate</u>	<u>As Revised</u>					<u>Difference</u>
Customer Charge	\$16.22	\$16.22	\$0.00	\$16.22	\$16.22	\$0.00	0.0%
	<u>\$/kWh</u>	<u>\$/kWh</u>					
Distribution Charge	\$0.03942	\$0.03942	\$0.00000	\$20.73	\$20.73	\$0.00	0.0%
External Delivery Charge	\$0.03613	\$0.02978	(\$0.00635)	\$19.00	\$15.66	(\$3.34)	(3.4%)
Stranded Cost Charge	(\$0.00025)	(\$0.00002)	\$0.00023	(\$0.13)	(\$0.01)	\$0.12	0.1%
Storm Recovery Adj.	\$0.00047	\$0.00047	\$0.00000	\$0.25	\$0.25	\$0.00	0.0%
System Benefits Charge	\$0.00752	\$0.00752	\$0.00000	\$3.96	\$3.96	\$0.00	0.0%
Default Service Charge	<u>\$0.07091</u>	<u>\$0.07091</u>	<u>\$0.00000</u>	<u>\$37.30</u>	<u>\$37.30</u>	<u>\$0.00</u>	<u>0.0%</u>
Total kWh Charges	\$0.15420	\$0.14808	(\$0.00612)				
Total Bill				\$97.33	\$94.11	(\$3.22)	(3.3%)

* Based on billing period January through December 2020.

Unitil Energy Systems, Inc.
Average Class Impacts
Due to Proposed Rate Changes Effective August 1, 2021

(A) <u>Class of Service</u>	(B) <u>Annual Number of Customers (luminaires for Outdoor Lighting)</u>	(C) <u>Annual kWh Sales</u>	(D) <u>Annual kW / kVA Sales</u>	(E) <u>Proposed SCC Change \$</u>	(F) <u>Proposed EDC Change \$</u>	(G) <u>Estimated Annual Revenue \$ Under Present Rates</u>	(H) <u>Estimated Annual Revenue \$ Under Proposed Rates</u>	(I) <u>Proposed Net Change Revenue \$</u>	(J) <u>% Change Net SCC & EDC Revenue</u>
Residential	815,280	515,968,592	n/a	\$118,673	(\$3,276,401)	\$92,786,190	\$89,628,463	(\$3,157,728)	(3.4%)
General Service	134,344	317,056,821	1,234,532	\$72,923	(\$2,013,311)	\$51,041,846	\$49,101,458	(\$1,940,388)	(3.8%)
Large General Service	2,010	319,767,459	1,000,283	\$73,547	(\$2,030,523)	\$41,849,945	\$39,892,968	(\$1,956,977)	(4.7%)
Outdoor Lighting	97,930	7,625,729	n/a	\$1,754	(\$48,423)	\$2,495,237	\$2,448,568	(\$46,669)	(1.9%)
Total	1,049,563	1,160,418,601		\$266,896	(\$7,368,658)	\$188,173,219	\$181,071,457	(\$7,101,762)	(3.8%)

(B), (C), (D) Test year billing determinants in DE 21-030.

(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, 2021 vs. August 1, 2021
Due to Changes in the Stranded Cost Charge and External Delivery Charge
Impact on D Rate Customers

<u>Average kWh</u>	<u>Total Bill Using Rates 6/1/2021</u>	<u>Total Bill Using Rates 8/1/2021</u>	<u>Total Difference</u>	<u>% Total Difference</u>
125	\$35.50	\$34.73	(\$0.77)	(2.2%)
150	\$39.35	\$38.43	(\$0.92)	(2.3%)
200	\$47.06	\$45.84	(\$1.22)	(2.6%)
250	\$54.77	\$53.24	(\$1.53)	(2.8%)
300	\$62.48	\$60.64	(\$1.84)	(2.9%)
350	\$70.19	\$68.05	(\$2.14)	(3.1%)
400	\$77.90	\$75.45	(\$2.45)	(3.1%)
450	\$85.61	\$82.86	(\$2.75)	(3.2%)
500	\$93.32	\$90.26	(\$3.06)	(3.3%)
525	\$97.18	\$93.96	(\$3.21)	(3.3%)
550	\$101.03	\$97.66	(\$3.37)	(3.3%)
575	\$104.89	\$101.37	(\$3.52)	(3.4%)
600	\$108.74	\$105.07	(\$3.67)	(3.4%)
625	\$112.60	\$108.77	(\$3.82)	(3.4%)
650	\$116.45	\$112.47	(\$3.98)	(3.4%)
675	\$120.31	\$116.17	(\$4.13)	(3.4%)
700	\$124.16	\$119.88	(\$4.28)	(3.5%)
725	\$128.02	\$123.58	(\$4.44)	(3.5%)
750	\$131.87	\$127.28	(\$4.59)	(3.5%)
775	\$135.73	\$130.98	(\$4.74)	(3.5%)
825	\$143.44	\$138.39	(\$5.05)	(3.5%)
925	\$158.86	\$153.19	(\$5.66)	(3.6%)
1,000	\$170.42	\$164.30	(\$6.12)	(3.6%)
1,250	\$208.97	\$201.32	(\$7.65)	(3.7%)
1,500	\$247.52	\$238.34	(\$9.18)	(3.7%)
2,000	\$324.62	\$312.38	(\$12.24)	(3.8%)
3,500	\$555.92	\$534.50	(\$21.42)	(3.9%)
5,000	\$787.22	\$756.62	(\$30.60)	(3.9%)

	<u>Rates - Effective June 1, 2021</u>	<u>Rates - Proposed August 1, 2021</u>	<u>Difference</u>
Customer Charge	\$16.22	\$16.22	\$0.00
	<u>kWh</u>	<u>kWh</u>	<u>kWh</u>
Distribution Charge:	\$0.03942	\$0.03942	\$0.00000
External Delivery Charge	\$0.03613	\$0.02978	(\$0.00635)
Stranded Cost Charge	(\$0.00025)	(\$0.00002)	\$0.00023
Storm Recovery Adjustment Factor	\$0.00047	\$0.00047	\$0.00000
System Benefits Charge	\$0.00752	\$0.00752	\$0.00000
Default Service Charge	<u>\$0.07091</u>	<u>\$0.07091</u>	<u>\$0.00000</u>
TOTAL	\$0.15420	\$0.14808	(\$0.00612)

Unitil Energy Systems, Inc.
Typical Bill Impacts - June 1, 2021 vs. August 1, 2021
Due to Changes in the Stranded Cost Charge and External Delivery Charge
Impact on G2 Rate Customers

<u>Load Factor</u>	<u>Average Monthly kW</u>	<u>Average Monthly kWh</u>	<u>Total Bill Using Rates 6/1/2021</u>	<u>Total Bill Using Rates 8/1/2021</u>	<u>Total Difference</u>	<u>% Total Difference</u>
20%	5	730	\$160.21	\$155.84	(\$4.36)	(2.7%)
20%	10	1,460	\$291.22	\$282.49	(\$8.73)	(3.0%)
20%	15	2,190	\$422.24	\$409.15	(\$13.09)	(3.1%)
20%	25	3,650	\$684.27	\$662.45	(\$21.82)	(3.2%)
20%	50	7,300	\$1,339.35	\$1,295.71	(\$43.64)	(3.3%)
20%	75	10,950	\$1,994.43	\$1,928.97	(\$65.45)	(3.3%)
20%	100	14,600	\$2,649.51	\$2,562.24	(\$87.27)	(3.3%)
20%	150	21,900	\$3,959.67	\$3,828.76	(\$130.91)	(3.3%)
36%	5	1,314	\$223.18	\$215.12	(\$8.05)	(3.6%)
36%	10	2,628	\$417.17	\$401.06	(\$16.11)	(3.9%)
36%	15	3,942	\$611.16	\$586.99	(\$24.16)	(4.0%)
36%	25	6,570	\$999.13	\$958.86	(\$40.27)	(4.0%)
36%	50	13,140	\$1,969.08	\$1,888.53	(\$80.54)	(4.1%)
36%	75	19,710	\$2,939.02	\$2,818.20	(\$120.82)	(4.1%)
36%	100	26,280	\$3,908.96	\$3,747.87	(\$161.09)	(4.1%)
36%	150	39,420	\$5,848.85	\$5,607.21	(\$241.63)	(4.1%)
50%	5	1,825	\$278.28	\$267.00	(\$11.28)	(4.1%)
50%	10	3,650	\$527.37	\$504.80	(\$22.57)	(4.3%)
50%	15	5,475	\$776.46	\$742.61	(\$33.85)	(4.4%)
50%	25	9,125	\$1,274.64	\$1,218.22	(\$56.42)	(4.4%)
50%	50	18,250	\$2,520.09	\$2,407.25	(\$112.84)	(4.5%)
50%	75	27,375	\$3,765.54	\$3,596.28	(\$169.26)	(4.5%)
50%	100	36,500	\$5,010.99	\$4,785.31	(\$225.68)	(4.5%)
50%	150	54,750	\$7,501.88	\$7,163.36	(\$338.52)	(4.5%)
		<u>Rates - Effective June 1, 2021</u>	<u>Rates - Proposed August 1, 2021</u>	<u>Difference</u>		
Customer Charge		\$29.19	\$29.19	\$0.00		
		<u>All kW</u>	<u>All kW</u>	<u>All kW</u>		
Distribution Charge		\$10.51	\$10.51	\$0.00		
Stranded Cost Charge		(\$0.05)	\$0.00	\$0.05		
TOTAL		\$10.46	\$10.51	\$0.05		
		<u>kWh</u>	<u>kWh</u>	<u>kWh</u>		
Distribution Charge		\$0.00384	\$0.00384	\$0.00000		
External Delivery Charge		\$0.03613	\$0.02978	(\$0.00635)		
Stranded Cost Charge		(\$0.00005)	(\$0.00002)	\$0.00003		
Storm Recovery Adj. Factor		\$0.00047	\$0.00047	\$0.00000		
System Benefits Charge		\$0.00752	\$0.00752	\$0.00000		
Default Service Charge		\$0.05992	\$0.05992	\$0.00000		
TOTAL		\$0.10783	\$0.10151	(\$0.00632)		

Unitil Energy Systems, Inc. Typical Bill Impacts - June 1, 2021 vs. August 1, 2021 Due to Changes in the Stranded Cost Charge and External Delivery Charge Impact on G2 kWh Meter Rate Customers																																												
Average Monthly kWh	Total Bill Using Rates 6/1/2021	Total Bill Using Rates 8/1/2021	Total Difference	% Total Difference																																								
15	\$20.13	\$20.04	(\$0.09)	(0.5%)																																								
75	\$27.11	\$26.66	(\$0.46)	(1.7%)																																								
150	\$35.85	\$34.93	(\$0.92)	(2.6%)																																								
250	\$47.50	\$45.97	(\$1.53)	(3.2%)																																								
350	\$59.14	\$57.00	(\$2.14)	(3.6%)																																								
450	\$70.79	\$68.03	(\$2.75)	(3.9%)																																								
550	\$82.43	\$79.07	(\$3.37)	(4.1%)																																								
650	\$94.08	\$90.10	(\$3.98)	(4.2%)																																								
750	\$105.73	\$101.14	(\$4.59)	(4.3%)																																								
900	\$123.19	\$117.69	(\$5.51)	(4.5%)																																								
<table border="1"> <thead> <tr> <th></th> <th style="text-align: center;">Rates - Effective June 1, 2021</th> <th style="text-align: center;">Rates - Proposed August 1, 2021</th> <th style="text-align: center;">Difference</th> </tr> </thead> <tbody> <tr> <td>kWh Meter Customer Charge</td> <td style="text-align: center;">\$18.38</td> <td style="text-align: center;">\$18.38</td> <td style="text-align: center;">\$0.00</td> </tr> <tr> <td></td> <td style="text-align: center;"><u>All kWh</u></td> <td style="text-align: center;"><u>All kWh</u></td> <td style="text-align: center;"><u>All kWh</u></td> </tr> <tr> <td>Distribution Charge</td> <td style="text-align: center;">\$0.01267</td> <td style="text-align: center;">\$0.01267</td> <td style="text-align: center;">\$0.00000</td> </tr> <tr> <td>External Delivery Charge</td> <td style="text-align: center;">\$0.03613</td> <td style="text-align: center;">\$0.02978</td> <td style="text-align: center;">(\$0.00635)</td> </tr> <tr> <td>Stranded Cost Charge</td> <td style="text-align: center;">(\$0.00025)</td> <td style="text-align: center;">(\$0.00002)</td> <td style="text-align: center;">\$0.00023</td> </tr> <tr> <td>Storm Recovery Adjustment Factor</td> <td style="text-align: center;">\$0.00047</td> <td style="text-align: center;">\$0.00047</td> <td style="text-align: center;">\$0.00000</td> </tr> <tr> <td>System Benefits Charge</td> <td style="text-align: center;">\$0.00752</td> <td style="text-align: center;">\$0.00752</td> <td style="text-align: center;">\$0.00000</td> </tr> <tr> <td>Default Service Charge</td> <td style="text-align: center;"><u>\$0.05992</u></td> <td style="text-align: center;"><u>\$0.05992</u></td> <td style="text-align: center;"><u>\$0.00000</u></td> </tr> <tr> <td>TOTAL</td> <td style="text-align: center;">\$0.11646</td> <td style="text-align: center;">\$0.11034</td> <td style="text-align: center;">(\$0.00612)</td> </tr> </tbody> </table>						Rates - Effective June 1, 2021	Rates - Proposed August 1, 2021	Difference	kWh Meter Customer Charge	\$18.38	\$18.38	\$0.00		<u>All kWh</u>	<u>All kWh</u>	<u>All kWh</u>	Distribution Charge	\$0.01267	\$0.01267	\$0.00000	External Delivery Charge	\$0.03613	\$0.02978	(\$0.00635)	Stranded Cost Charge	(\$0.00025)	(\$0.00002)	\$0.00023	Storm Recovery Adjustment Factor	\$0.00047	\$0.00047	\$0.00000	System Benefits Charge	\$0.00752	\$0.00752	\$0.00000	Default Service Charge	<u>\$0.05992</u>	<u>\$0.05992</u>	<u>\$0.00000</u>	TOTAL	\$0.11646	\$0.11034	(\$0.00612)
	Rates - Effective June 1, 2021	Rates - Proposed August 1, 2021	Difference																																									
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Unitil Energy Systems, Inc.
Typical Bill Impacts - June 1, 2021 vs. August 1, 2021
Due to Changes in the Stranded Cost Charge and External Delivery Charge
Impact on G2 QRWH and SH Rate Customers

Average kWh	Total Bill Using Rates 6/1/2021	Total Bill Using Rates 8/1/2021	Total Difference	% Total Difference
100	\$23.70	\$23.09	(\$0.61)	(2.6%)
200	\$37.66	\$36.44	(\$1.22)	(3.2%)
300	\$51.63	\$49.80	(\$1.84)	(3.6%)
400	\$65.60	\$63.15	(\$2.45)	(3.7%)
500	\$79.57	\$76.51	(\$3.06)	(3.8%)
750	\$114.48	\$109.89	(\$4.59)	(4.0%)
1,000	\$149.40	\$143.28	(\$6.12)	(4.1%)
1,500	\$219.24	\$210.06	(\$9.18)	(4.2%)
2,000	\$289.07	\$276.83	(\$12.24)	(4.2%)
2,500	\$358.91	\$343.61	(\$15.30)	(4.3%)

	Rates - Effective June 1, 2021	Rates - Proposed August 1, 2021	Difference
Customer Charge	\$9.73	\$9.73	\$0.00
	<u>All kWh</u>	<u>All kWh</u>	<u>All kWh</u>
Distribution Charge	\$0.03588	\$0.03588	\$0.00000
External Delivery Charge	\$0.03613	\$0.02978	(\$0.00635)
Stranded Cost Charge	(\$0.00025)	(\$0.00002)	\$0.00023
Storm Recovery Adjustment Factor	\$0.00047	\$0.00047	\$0.00000
System Benefits Charge	\$0.00752	\$0.00752	\$0.00000
Default Service Charge	<u>\$0.05992</u>	<u>\$0.05992</u>	<u>\$0.00000</u>
TOTAL	<u>\$0.13967</u>	<u>\$0.13355</u>	<u>(\$0.00612)</u>

Unitil Energy Systems, Inc.
Typical Bill Impacts - June 1, 2021 vs. August 1, 2021
Due to Changes in the Stranded Cost Charge and External Delivery Charge
Impact on G1 Rate Customers

Load Factor	Average Monthly kVa	Average Monthly kWh	Total Bill Using Rates 6/1/2021	Total Bill Using Rates 8/1/2021	Total Difference	% Total Difference
25.0%	200	36,500	\$5,570.94	\$5,352.62	(\$218.31)	(3.9%)
25.0%	400	73,000	\$10,979.69	\$10,543.06	(\$436.63)	(4.0%)
25.0%	600	109,500	\$16,388.45	\$15,733.50	(\$654.94)	(4.0%)
25.0%	800	146,000	\$21,797.20	\$20,923.94	(\$873.26)	(4.0%)
25.0%	1,000	182,500	\$27,205.96	\$26,114.38	(\$1,091.58)	(4.0%)
25.0%	1,500	273,750	\$40,727.84	\$39,090.48	(\$1,637.36)	(4.0%)
25.0%	2,000	365,000	\$54,249.73	\$52,066.58	(\$2,183.15)	(4.0%)
25.0%	2,500	456,250	\$67,771.62	\$65,042.68	(\$2,728.94)	(4.0%)
25.0%	3,000	547,500	\$81,293.51	\$78,018.78	(\$3,274.73)	(4.0%)
40.0%	200	58,400	\$7,911.39	\$7,554.88	(\$356.50)	(4.5%)
40.0%	400	116,800	\$15,660.60	\$14,947.59	(\$713.01)	(4.6%)
40.0%	600	175,200	\$23,409.80	\$22,340.29	(\$1,069.51)	(4.6%)
40.0%	800	233,600	\$31,159.01	\$29,733.00	(\$1,426.02)	(4.6%)
40.0%	1,000	292,000	\$38,908.22	\$37,125.70	(\$1,782.52)	(4.6%)
40.0%	1,500	438,000	\$58,281.24	\$55,607.46	(\$2,673.78)	(4.6%)
40.0%	2,000	584,000	\$77,654.26	\$74,089.22	(\$3,565.04)	(4.6%)
40.0%	2,500	730,000	\$97,027.28	\$92,570.98	(\$4,456.30)	(4.6%)
40.0%	3,000	876,000	\$116,400.30	\$111,052.74	(\$5,347.56)	(4.6%)
57.0%	200	83,220	\$10,563.90	\$10,050.78	(\$513.12)	(4.9%)
57.0%	400	166,440	\$20,965.62	\$19,939.39	(\$1,026.24)	(4.9%)
57.0%	600	249,660	\$31,367.34	\$29,827.99	(\$1,539.35)	(4.9%)
57.0%	800	332,880	\$41,769.07	\$39,716.59	(\$2,052.47)	(4.9%)
57.0%	1,000	416,100	\$52,170.79	\$49,605.20	(\$2,565.59)	(4.9%)
57.0%	1,500	624,150	\$78,175.09	\$74,326.70	(\$3,848.39)	(4.9%)
57.0%	2,000	832,200	\$104,179.39	\$99,048.21	(\$5,131.18)	(4.9%)
57.0%	2,500	1,040,250	\$130,183.70	\$123,769.72	(\$6,413.98)	(4.9%)
57.0%	3,000	1,248,300	\$156,188.00	\$148,491.23	(\$7,696.77)	(4.9%)
71.0%	200	103,660	\$12,748.32	\$12,106.23	(\$642.09)	(5.0%)
71.0%	400	207,320	\$25,334.47	\$24,050.28	(\$1,284.19)	(5.1%)
71.0%	600	310,980	\$37,920.61	\$35,994.33	(\$1,926.28)	(5.1%)
71.0%	800	414,640	\$50,506.76	\$47,938.38	(\$2,568.38)	(5.1%)
71.0%	1,000	518,300	\$63,092.90	\$59,882.43	(\$3,210.47)	(5.1%)
71.0%	1,500	777,450	\$94,558.26	\$89,742.55	(\$4,815.71)	(5.1%)
71.0%	2,000	1,036,600	\$126,023.62	\$119,602.68	(\$6,420.95)	(5.1%)
71.0%	2,500	1,295,750	\$157,488.98	\$149,462.80	(\$8,026.18)	(5.1%)
71.0%	3,000	1,554,900	\$188,954.34	\$179,322.92	(\$9,631.42)	(5.1%)

	Rates - Effective June 1, 2021	Rates - Proposed August 1, 2021	Difference
Customer Charge	\$162.18	\$162.18	\$0.00
	All kVA	All kVA	All kVA
Distribution Charge	\$7.60	\$7.60	\$0.00
Stranded Cost Charge	(\$0.06)	\$0.00	\$0.06
TOTAL	\$7.54	\$7.60	\$0.06
	All kWh	All kWh	All kWh
Distribution Charge	\$0.00384	\$0.00384	\$0.00000
External Delivery Charge	\$0.03613	\$0.02978	(\$0.00635)
Stranded Cost Charge	(\$0.00006)	(\$0.00002)	\$0.00004
Storm Recovery Adjustment Factor	\$0.00047	\$0.00047	\$0.00000
System Benefits Charge	\$0.00752	\$0.00752	\$0.00000
Default Service Charge*	<u>\$0.05897</u>	<u>\$0.05897</u>	<u>\$0.00000</u>
TOTAL	\$0.10687	\$0.10056	(\$0.00631)

* Default Service Charge for the G1 class is determined monthly. For purposes of this comparison, the June 2021 rate is unchanged.

Unitil Energy Systems, Inc.								
Typical Bill Impacts - June 1, 2021 vs. August 1, 2021								
Due to Changes in the Stranded Cost Charge and External Delivery Charge								
Impact on OL Rate Customers *								
	Nominal Watts	Lumens	Type	Average Monthly kWh	Total Bill Using Rates 6/1/2021	Total Bill Using Rates 8/1/2021	Total Difference	% Total Difference
<u>Mercury Vapor:</u>								
1	100	3,500	ST	43	\$17.91	\$17.64	(\$0.26)	(1.5%)
2	175	7,000	ST	71	\$23.39	\$22.96	(\$0.43)	(1.9%)
3	250	11,000	ST	100	\$28.61	\$28.00	(\$0.61)	(2.1%)
4	400	20,000	ST	157	\$38.15	\$37.19	(\$0.96)	(2.5%)
5	1,000	60,000	ST	372	\$82.23	\$79.95	(\$2.28)	(2.8%)
6	250	11,000	FL	100	\$29.78	\$29.17	(\$0.61)	(2.1%)
7	400	20,000	FL	157	\$39.65	\$38.69	(\$0.96)	(2.4%)
8	1,000	60,000	FL	380	\$78.60	\$76.27	(\$2.33)	(3.0%)
9	100	3,500	PB	48	\$18.58	\$18.28	(\$0.29)	(1.6%)
10	175	7,000	PB	71	\$22.51	\$22.08	(\$0.43)	(1.9%)
<u>High Pressure Sodium:</u>								
11	50	4,000	ST	23	\$16.00	\$15.85	(\$0.14)	(0.9%)
12	100	9,500	ST	48	\$20.39	\$20.09	(\$0.29)	(1.4%)
13	150	16,000	ST	65	\$22.28	\$21.88	(\$0.40)	(1.8%)
14	250	30,000	ST	102	\$30.12	\$29.49	(\$0.62)	(2.1%)
15	400	50,000	ST	161	\$41.46	\$40.47	(\$0.99)	(2.4%)
16	1,000	140,000	ST	380	\$82.56	\$80.23	(\$2.33)	(2.8%)
17	150	16,000	FL	65	\$24.61	\$24.21	(\$0.40)	(1.6%)
18	250	30,000	FL	102	\$31.74	\$31.11	(\$0.62)	(2.0%)
19	400	50,000	FL	161	\$40.91	\$39.92	(\$0.99)	(2.4%)
20	1,000	140,000	FL	380	\$82.93	\$80.60	(\$2.33)	(2.8%)
21	50	4,000	PB	23	\$14.99	\$14.84	(\$0.14)	(0.9%)
22	100	9,500	PB	48	\$19.21	\$18.91	(\$0.29)	(1.5%)
<u>Metal Halide:</u>								
23	175	8,800	ST	74	\$27.87	\$27.42	(\$0.45)	(1.6%)
24	250	13,500	ST	102	\$32.63	\$32.00	(\$0.62)	(1.9%)
25	400	23,500	ST	158	\$39.46	\$38.49	(\$0.97)	(2.5%)
26	175	8,800	FL	74	\$30.96	\$30.51	(\$0.45)	(1.5%)
27	250	13,500	FL	102	\$35.81	\$35.18	(\$0.62)	(1.7%)
28	400	23,500	FL	158	\$41.89	\$40.92	(\$0.97)	(2.3%)
29	1,000	86,000	FL	374	\$72.47	\$70.18	(\$2.29)	(3.2%)
30	175	8,800	PB	74	\$26.59	\$26.14	(\$0.45)	(1.7%)
31	250	13,500	PB	102	\$30.79	\$30.16	(\$0.62)	(2.0%)
32	400	23,500	PB	158	\$38.18	\$37.21	(\$0.97)	(2.5%)
<u>Light Emitting Diode:</u>								
33	42	3,600	AL	15	\$14.77	\$14.68	(\$0.09)	(0.6%)
34	57	5,200	AL	20	\$15.36	\$15.24	(\$0.12)	(0.8%)
35	25	3,000	CH	9	\$14.08	\$14.02	(\$0.06)	(0.4%)
36	88	8,300	CH	30	\$16.53	\$16.35	(\$0.18)	(1.1%)
37	108	11,500	CH	37	\$17.34	\$17.12	(\$0.23)	(1.3%)
38	193	21,000	CH	67	\$20.83	\$20.42	(\$0.41)	(2.0%)
39	123	12,180	FL	43	\$18.04	\$17.77	(\$0.26)	(1.5%)
40	194	25,700	FL	67	\$20.83	\$20.42	(\$0.41)	(2.0%)
41	297	38,100	FL	103	\$25.02	\$24.39	(\$0.63)	(2.5%)
Luminaire Charges For Year Round Service:								
Rates - Effective June 1, 2021								
					<u>Mercury Vapor Rate/Mo.</u>	<u>Sodium Vapor Rate/Mo.</u>	<u>Metal Halide Rate/Mo.</u>	<u>LED Rate/Mo.</u>
Customer Charge	\$0.00		1	\$13.28	11	\$13.52	23	\$19.91
			2	\$15.75	12	\$15.22	24	\$21.65
	<u>All kWh</u>		3	\$17.85	13	\$15.28	25	\$22.45
Distribution Charge	\$0.00384		4	\$21.25	14	\$19.14	26	\$23.00
External Delivery Charge	\$0.03613		5	\$42.19	15	\$24.13	27	\$24.83
Stranded Cost Charge	(\$0.00025)		6	\$19.02	16	\$41.66	28	\$24.88
Storm Recovery Adj. Factor	\$0.00047		7	\$22.75	17	\$17.61	29	\$32.22
System Benefits Charge	\$0.00752		8	\$37.70	18	\$20.76	30	\$18.63
Default Service Charge	\$0.05992		9	\$13.41	19	\$23.58	31	\$19.81
			10	\$14.87	20	\$42.03	32	\$21.17
TOTAL	\$0.10763				21	\$12.51		
					22	\$14.04		
Rates - Proposed August 1, 2021								
					<u>Mercury Vapor Rate/Mo.</u>	<u>Sodium Vapor Rate/Mo.</u>	<u>Metal Halide Rate/Mo.</u>	<u>LED Rate/Mo.</u>
Customer Charge	\$0.00		1	\$13.28	11	\$13.52	23	\$19.91
			2	\$15.75	12	\$15.22	24	\$21.65
	<u>All kWh</u>		3	\$17.85	13	\$15.28	25	\$22.45
Distribution Charge	\$0.00384		4	\$21.25	14	\$19.14	26	\$23.00
External Delivery Charge	\$0.02978		5	\$42.19	15	\$24.13	27	\$24.83
Stranded Cost Charge	(\$0.00002)		6	\$19.02	16	\$41.66	28	\$24.88
Storm Recovery Adj. Factor	\$0.00047		7	\$22.75	17	\$17.61	29	\$32.22
System Benefits Charge	\$0.00752		8	\$37.70	18	\$20.76	30	\$18.63
Default Service Charge	\$0.05992		9	\$13.41	19	\$23.58	31	\$19.81
			10	\$14.87	20	\$42.03	32	\$21.17
TOTAL	\$0.10151				21	\$12.51		
					22	\$14.04		
Difference								
					<u>Mercury Vapor Rate/Mo.</u>	<u>Sodium Vapor Rate/Mo.</u>	<u>Metal Halide Rate/Mo.</u>	<u>LED Rate/Mo.</u>
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	(\$0.00635)		5	\$0.00	15	\$0.00	27	\$0.00
Stranded Cost Charge	\$0.00023		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	\$0.00000		9	\$0.00	19	\$0.00	31	\$0.00
			10	\$0.00	20	\$0.00	32	\$0.00
TOTAL	(\$0.00612)				21	\$0.00		
					22	\$0.00		

* Luminaire charges based on All-Night Service option.