

**UNITIL ENERGY SYSTEMS, INC.**  
**CALCULATION OF THE STRANDED COST CHARGE**  
**Effective August 1, 2022**

Uniform per kWh Charge

1. (Over)/under Recovery - Beginning Balance August 1, 2022	\$49,569	Page 2 of 4
2. Estimated Total Costs (August 2022 - July 2023)	(\$31,532)	Page 2 of 4
3. Estimated Interest (August 2022 - July 2023)	<u>\$1,023</u>	Page 2 of 4
4. Costs to be Recovered (L.1 + L.2 + L.3)	\$19,060	
5. Estimated Calendar Month Deliveries in kWh (August 2022 - July 2023) (1)	<u>1,150,271,628</u>	
6. Stranded Cost Charge (\$/kWh) (L.4 / L.5)	<u>\$0.00002</u>	

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)	<b>\$0.00002</b>	
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Class G2 (2)

8. Estimated G2 Demand Revenue (August 2022- July 2023)	\$0	
9. Estimated G2 Deliveries in kW (August 2022 - July 2023)	<u>1,270,876</u>	
10. Stranded Cost Charge (\$/kW) (L. 8 / L. 9)	<b>\$0.00</b>	

11. G2 Energy Revenue (August 2022 - July 2023)	\$6,378	
12. Estimated G2 Calendar Month Deliveries in kWh (August 2022 - July 2023) (1)	<u>318,917,347</u>	
13. Stranded Cost Charge (\$/kWh) (L.11 / L.12)	<b>\$0.00002</b>	

Class G1 (2)

14. Estimated G1 Demand Revenue (August 2022 - July 2023)	\$0	
15. Estimated G1 Deliveries in kVA (August 2022 - July 2023)	<u>1,008,699</u>	
16. Stranded Cost Charge (\$/kVA) (L. 14 / L. 15)	<b>\$0.00</b>	

17. G1 Energy Revenue (August 2022 - July 2023)	\$6,382	
18. Estimated G1 Calendar Month Deliveries in kWh (August 2022 - July 2023) (1)	<u>319,112,443</u>	
19. Stranded Cost Charge (\$/kWh) (L.17 / L.18)	<b>\$0.00002</b>	

(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 2022-Jul 2023 Billed kWh	1,150,383,477	Aug 2022-Jul 2023 Billed kWh
- July 2022 Unbilled kWh	(44,260,230)	319,029,521
+ July 2023 Unbilled kWh	<u>44,148,380</u>	- July 2022 Unbilled kWh
Calendar Month Deliveries	1,150,271,628	(12,285,568)
		+ July 2023 Unbilled kWh
		<u>12,173,394</u>
		Calendar Month Deliveries
		318,917,347
		Aug 2022-Jul 2023 Billed kWh
		319,251,003
		- July 2022 Unbilled kWh
		(12,969,836)
		+ July 2023 Unbilled kWh
		<u>12,831,275</u>
		Calendar Month Deliveries
		319,112,443

(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-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	Actual	(\$48,513)	\$0	(\$21,750)	(\$26,762)	(\$37,637)	3.25%	31	(\$104)	(\$26,866)
Jun-21	Actual	(\$26,866)	\$0	(\$27,707)	\$841	(\$13,013)	3.25%	30	(\$35)	\$806
Jul-21	Actual	\$806	\$0	(\$26,705)	\$27,510	\$14,158	3.25%	31	\$39	\$27,550
Total Aug-20 to Jul-21			(\$150,516)	(\$288,173)					(\$2,597)	

		(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	Actual	\$27,550	\$0	(\$15,951)	\$43,501	\$35,525	3.25%	31	\$98	\$43,599
Sep-21	Actual	\$43,599	\$0	\$6,136	\$37,463	\$40,531	3.25%	30	\$108	\$37,571
Oct-21	Actual	\$37,571	\$0	(\$1,872)	\$39,443	\$38,507	3.25%	31	\$106	\$39,549
Nov-21	Actual	\$39,549	\$0	(\$1,769)	\$41,318	\$40,434	3.25%	30	\$108	\$41,426
Dec-21	Actual	\$41,426	\$0	(\$1,949)	\$43,375	\$42,401	3.25%	31	\$117	\$43,492
Jan-22	Actual	\$43,492	\$0	(\$2,117)	\$45,610	\$44,551	3.25%	31	\$123	\$45,733
Feb-22	Actual	\$45,733	\$0	(\$1,872)	\$47,605	\$46,669	3.25%	28	\$116	\$47,721
Mar-22	Actual	\$47,721	\$0	(\$1,800)	\$49,521	\$48,621	3.25%	31	\$134	\$49,655
Apr-22	Actual	\$49,655	\$0	(\$1,572)	\$51,227	\$50,441	3.25%	30	\$135	\$51,362
May-22	Estimate	\$51,362	(\$2,628)	(\$1,732)	\$50,466	\$50,914	3.25%	31	\$141	\$50,607
Jun-22	Estimate	\$50,607	(\$2,628)	(\$1,827)	\$49,806	\$50,206	3.25%	30	\$134	\$49,940
Jul-22	Estimate	\$49,940	(\$2,628)	(\$2,087)	\$49,400	\$49,670	4.00%	31	\$169	\$49,569
Total Aug-21 to Jul-22			(\$7,883)	(\$28,413)					\$1,489	

		(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-22	Estimate	\$49,569	(\$2,628)	\$2,714	\$44,227	\$46,898	4.00%	31	\$159	\$44,386
Sep-22	Estimate	\$44,386	(\$2,628)	\$1,398	\$40,361	\$42,373	4.00%	30	\$139	\$40,500
Oct-22	Estimate	\$40,500	(\$2,628)	\$1,947	\$35,925	\$38,213	4.75%	31	\$154	\$36,079
Nov-22	Estimate	\$36,079	(\$2,628)	\$1,982	\$31,470	\$33,775	4.75%	30	\$132	\$31,602
Dec-22	Estimate	\$31,602	(\$2,628)	\$1,783	\$27,191	\$29,397	4.75%	31	\$119	\$27,310
Jan-23	Estimate	\$27,310	(\$2,628)	\$2,073	\$22,609	\$24,960	4.75%	31	\$101	\$22,710
Feb-23	Estimate	\$22,710	(\$2,628)	\$1,942	\$18,140	\$20,425	4.75%	28	\$74	\$18,215
Mar-23	Estimate	\$18,215	(\$2,628)	\$1,772	\$13,815	\$16,015	4.75%	31	\$65	\$13,880
Apr-23	Estimate	\$13,880	(\$2,628)	\$1,774	\$9,479	\$11,679	4.75%	30	\$46	\$9,524
May-23	Estimate	\$9,524	(\$2,628)	\$1,738	\$5,158	\$7,341	4.75%	31	\$30	\$5,188
Jun-23	Estimate	\$5,188	(\$2,628)	\$1,797	\$763	\$2,976	4.75%	30	\$12	\$775
Jul-23	Estimate	\$775	(\$2,628)	\$2,086	(\$3,939)	(\$1,582)	4.75%	31	(\$6)	(\$3,945)
Total Aug-22 to Jul-23			(\$31,532)	\$23,005					\$1,023	

		(a) Total Billed kWh - all classes except G2 demand and G1	(b) Unbilled Factor	(c) Unbilled kWh (a * b)	(d) Proposed SCC	(e) Unbilled SCC Revenue (c * d)	(f) Total Billed kWh - G2 demand	(g) Unbilled Factor	(h) Unbilled kWh (f * g)	(i) Proposed SCC	(j) Unbilled SCC Revenue (h * i)	(k) Total Billed kWh - G1	(l) Unbilled Factor	(m) Unbilled kWh (k * l)	(n) Proposed SCC	(o) Unbilled SCC Revenue (m * n)	(p) Reversal of prior month unbilled (prior month, e + j + o)	(q) Total Billed SCC Revenue	(r) 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)	25,878,482	54.3%	14,046,418	(\$0.00005)	(\$702)	25,351,429	53.2%	13,475,980	(\$0.00006)	(\$809)	\$7,951	(\$24,474)	(\$24,958)
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	Actual	34,712,627	49.8%	17,277,319	(\$0.00025)	(\$4,319)	24,121,700	49.8%	12,005,957	(\$0.00005)	(\$600)	25,750,269	49.8%	12,816,535	(\$0.00006)	(\$769)	\$5,377	(\$21,438)	(\$21,750)
Jun-21	Actual	44,328,648	57.4%	25,431,449	(\$0.00025)	(\$6,358)	27,905,191	51.7%	14,432,010	(\$0.00005)	(\$722)	28,940,957	43.0%	12,434,101	(\$0.00006)	(\$746)	\$5,689	(\$25,570)	(\$27,707)
Jul-21	Actual	<u>51,668,575</u>	40.8%	<u>21,102,994</u>	(\$0.00025)	<u>(\$5,276)</u>	<u>30,054,555</u>	41.9%	<u>12,596,696</u>	(\$0.00005)	<u>(\$630)</u>	<u>30,282,704</u>	44.0%	<u>13,312,162</u>	(\$0.00006)	<u>(\$799)</u>	<u>\$7,826</u>	<u>(\$27,826)</u>	<u>(\$26,705)</u>
Total Aug-20 to Jul-21		532,065,278		251,768,785		(\$62,942)	316,229,632		150,588,568		(\$7,529)	323,122,043		156,852,551		(\$9,411)	\$77,247	(\$285,537)	(\$288,173)

		(a) Total Billed kWh - all classes except G2 demand and G1	(b) Unbilled Factor	(c) Unbilled kWh (a * b)	(d) Proposed SCC	(e) Unbilled SCC Revenue (c * d)	(f) Total Billed kWh - G2 demand	(g) Unbilled Factor	(h) Unbilled kWh (f * g)	(i) Proposed SCC	(j) Unbilled SCC Revenue (h * i)	(k) Total Billed kWh - G1	(l) Unbilled Factor	(m) Unbilled kWh (k * l)	(n) Proposed SCC	(o) Unbilled SCC Revenue (m * n)	(p) Reversal of prior month unbilled (prior month, e + j + o)	(q) Total Billed SCC Revenue	(r) Total Revenue (e + j + o + p + q)
Aug-21	Actual	51,795,784	57.1%	29,589,813	(\$0.00025)	(\$7,397)	30,836,474	54.3%	16,750,908	(\$0.00005)	(\$838)	30,963,896	49.3%	15,255,088	(\$0.00006)	(\$915)	\$6,704	(\$13,505)	(\$15,951)
Sep-21	Actual	50,441,178	31.1%	15,704,125	(\$0.00002)	(\$314)	30,075,755	34.9%	10,495,963	(\$0.00002)	(\$210)	31,233,773	41.7%	13,023,341	(\$0.00002)	(\$260)	\$9,150	(\$2,230)	\$6,136
Oct-21	Actual	35,381,525	54.1%	19,130,358	(\$0.00002)	(\$383)	24,595,882	54.1%	13,298,693	(\$0.00002)	(\$266)	26,570,782	54.1%	14,366,497	(\$0.00002)	(\$287)	\$784	(\$1,720)	(\$1,872)
Nov-21	Actual	35,412,616	67.1%	23,758,256	(\$0.00002)	(\$475)	23,169,763	61.5%	14,245,808	(\$0.00002)	(\$285)	24,643,173	58.7%	14,460,958	(\$0.00002)	(\$289)	\$936	(\$1,656)	(\$1,769)
Dec-21	Actual	45,534,693	54.9%	24,987,664	(\$0.00002)	(\$500)	26,183,031	52.9%	13,859,815	(\$0.00002)	(\$277)	26,229,003	51.8%	13,578,251	(\$0.00002)	(\$272)	\$1,049	(\$1,950)	(\$1,949)
Jan-22	Actual	52,910,255	51.7%	27,363,740	(\$0.00002)	(\$547)	28,639,295	49.4%	14,142,788	(\$0.00002)	(\$283)	26,241,532	47.3%	12,407,324	(\$0.00002)	(\$248)	\$1,049	(\$2,088)	(\$2,117)
Feb-22	Actual	48,939,498	45.2%	22,109,161	(\$0.00002)	(\$442)	27,846,903	46.3%	12,888,155	(\$0.00002)	(\$258)	25,990,364	46.9%	12,201,007	(\$0.00002)	(\$244)	\$1,078	(\$2,006)	(\$1,872)
Mar-22	Actual	44,444,753	40.2%	17,870,538	(\$0.00002)	(\$357)	27,130,129	43.3%	11,740,380	(\$0.00002)	(\$235)	26,228,654	44.9%	11,785,488	(\$0.00002)	(\$236)	\$944	(\$1,916)	(\$1,800)
Apr-22	Actual	35,959,936	47.6%	17,102,420	(\$0.00002)	(\$342)	24,069,207	48.8%	11,742,180	(\$0.00002)	(\$235)	24,425,385	49.4%	12,058,838	(\$0.00002)	(\$241)	\$828	(\$1,582)	(\$1,572)
May-22	Estimate	35,022,615	49.8%	17,431,607	(\$0.00002)	(\$349)	24,361,879	49.8%	12,125,499	(\$0.00002)	(\$243)	25,732,657	49.8%	12,807,769	(\$0.00002)	(\$256)	\$818	(\$1,702)	(\$1,732)
Jun-22	Estimate	35,959,049	57.4%	20,629,791	(\$0.00002)	(\$413)	25,562,492	51.7%	13,220,413	(\$0.00002)	(\$264)	26,829,034	43.0%	11,526,741	(\$0.00002)	(\$231)	\$847	(\$1,767)	(\$1,827)
Jul-22	Estimate	<u>46,626,506</u>	40.8%	<u>19,043,661</u>	(\$0.00002)	<u>(\$381)</u>	<u>29,312,231</u>	41.9%	<u>12,285,568</u>	(\$0.00002)	<u>(\$246)</u>	<u>29,503,974</u>	44.0%	<u>12,969,836</u>	(\$0.00002)	<u>(\$259)</u>	<u>\$908</u>	<u>(\$2,109)</u>	<u>(\$2,087)</u>
Total Aug-21 to Jul-22		518,428,408		254,721,134		(\$11,900)	321,783,041		156,796,169		(\$3,638)	324,592,227		156,441,138		(\$3,739)	\$25,096	(\$34,231)	(\$28,413)

		(a) Total Billed kWh - all classes except G2 demand and G1	(b) Unbilled Factor	(c) Unbilled kWh (a * b)	(d) Proposed SCC	(e) Unbilled SCC Revenue (c * d)	(f) Total Billed kWh - G2 demand	(g) Unbilled Factor	(h) Unbilled kWh (f * g)	(i) Proposed SCC	(j) Unbilled SCC Revenue (h * i)	(k) Total Billed kWh - G1	(l) Unbilled Factor	(m) Unbilled kWh (k * l)	(n) Proposed SCC	(o) Unbilled SCC Revenue (m * n)	(p) Reversal of prior month unbilled (prior month, e + j + o)	(q) Total Billed SCC Revenue	(r) Total Revenue (e + j + o + p + q)
Aug-22	Estimate	53,875,701	57.1%	30,778,024	\$0.00002	\$616	31,646,205	54.3%	17,190,768	\$0.00002	\$344	31,159,188	49.3%	15,351,303	\$0.00002	\$307	\$886	\$562	\$2,714
Sep-22	Estimate	42,836,936	31.1%	13,336,655	\$0.00002	\$267	27,489,965	34.9%	9,593,563	\$0.00002	\$192	28,199,665	41.7%	11,758,229	\$0.00002	\$235	(\$1,266)	\$1,971	\$1,398
Oct-22	Estimate	35,427,354	54.1%	19,155,137	\$0.00002	\$383	24,373,188	54.1%	13,178,285	\$0.00002	\$264	25,899,858	54.1%	14,003,737	\$0.00002	\$280	(\$694)	\$1,714	\$1,947
Nov-22	Estimate	38,929,068	67.1%	26,117,437	\$0.00002	\$522	24,854,246	61.5%	15,281,504	\$0.00002	\$306	25,359,866	58.7%	14,881,523	\$0.00002	\$298	(\$927)	\$1,783	\$1,982
Dec-22	Estimate	43,660,123	54.9%	23,958,973	\$0.00002	\$479	25,919,207	52.9%	13,720,162	\$0.00002	\$274	25,143,738	51.8%	13,016,430	\$0.00002	\$260	(\$1,126)	\$1,894	\$1,783
Jan-23	Estimate	48,848,290	51.7%	25,263,003	\$0.00002	\$505	27,824,167	49.4%	13,740,257	\$0.00002	\$275	26,266,480	47.3%	12,419,120	\$0.00002	\$248	(\$1,014)	\$2,059	\$2,073
Feb-23	Estimate	48,705,129	45.2%	22,003,281	\$0.00002	\$440	27,438,693	46.3%	12,699,226	\$0.00002	\$254	25,631,602	46.9%	12,032,589	\$0.00002	\$241	(\$1,028)	\$2,036	\$1,942
Mar-23	Estimate	43,316,631	40.2%	17,416,938	\$0.00002	\$348	26,147,956	43.3%	11,315,352	\$0.00002	\$226	25,615,759	44.9%	11,510,092	\$0.00002	\$230	(\$935)	\$1,902	\$1,772
Apr-23	Estimate	38,098,213	47.6%	18,119,378	\$0.00002	\$362	24,354,676	48.8%	11,881,446	\$0.00002	\$238	24,416,400	49.4%	12,054,403	\$0.00002	\$241	(\$805)	\$1,737	\$1,774
May-23	Estimate	35,420,403	49.8%	17,629,596	\$0.00002	\$353	24,735,641	49.8%	12,311,530	\$0.00002	\$246	25,947,440	49.8%	12,914,672	\$0.00002	\$258	(\$841)	\$1,722	\$1,738
Jun-23	Estimate	36,042,227	57.4%	20,677,510	\$0.00002	\$414	26,200,979	51.7%	13,033,445	\$0.00002	\$281	26,422,232	43.0%	11,351,964	\$0.00002	\$227	(\$857)	\$1,753	\$1,797
Jul-23	Estimate	<u>46,942,878</u>	40.8%	<u>19,172,877</u>	\$0.00002	\$383	<u>29,044,596</u>	41.9%	<u>12,173,394</u>	\$0.00002	\$243	<u>29,188,775</u>	44.0%	<u>12,831,275</u>	\$0.00002	\$257	<u>(\$901)</u>	<u>\$2,104</u>	<u>\$2,086</u>
Total Aug-22 to Jul-23		512,102,953		253,628,808		\$5,073	319,029,521		156,118,933		\$3,122	319,251,003		154,125,336		\$3,083	(\$9,508)	\$21,236	\$23,005

(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)

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

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

	Billed kWh	Direct Estimate of Unbilled kWh	Unbilled kWh / Billed kWh
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%
May-21	34,425,187	17,134,253	49.8%
Jun-21	44,042,646	25,267,369	57.4%
Jul-21	51,358,599	20,976,390	40.8%
Aug-21	51,480,650	29,409,783	57.1%
Sep-21	50,127,186	15,606,368	31.1%
Oct-21	35,172,995	19,017,608	54.1%
Nov-21	35,140,235	23,575,516	67.1%
Dec-21	45,032,709	24,712,195	54.9%
Jan-22	52,245,830	27,020,118	51.7%
Feb-22	48,176,397	21,764,418	45.2%
Mar-22	43,826,565	17,621,974	40.2%
Apr-22	35,556,784	16,910,683	47.6%

	Billed kWh	Direct Estimate of Unbilled kWh	Unbilled kWh / Billed kWh
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%
May-21	24,409,140	12,149,023	49.8%
Jun-21	28,191,193	14,579,924	51.7%
Jul-21	30,364,531	12,726,616	41.9%
Aug-21	31,151,608	16,922,094	54.3%
Sep-21	30,389,747	10,605,541	34.9%
Oct-21	24,804,412	13,411,442	54.1%
Nov-21	23,442,144	14,413,280	61.5%
Dec-21	26,685,015	14,125,537	52.9%
Jan-22	29,303,720	14,470,897	49.4%
Feb-22	28,610,004	13,241,334	46.3%
Mar-22	27,748,317	12,007,897	43.3%
Apr-22	24,472,359	11,938,858	48.8%

	Billed kWh	Direct Estimate of Unbilled kWh	Unbilled kWh / Billed kWh
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%
May-21	25,750,269	12,816,535	49.8%
Jun-21	28,940,957	12,434,101	43.0%
Jul-21	30,282,704	13,312,162	44.0%
Aug-21	30,963,896	15,255,088	49.3%
Sep-21	31,233,773	13,023,341	41.7%
Oct-21	26,570,782	14,366,497	54.1%
Nov-21	24,643,173	14,460,958	58.7%
Dec-21	26,229,003	13,578,251	51.8%
Jan-22	26,241,532	12,407,324	47.3%
Feb-22	25,990,364	12,201,007	46.9%
Mar-22	26,228,654	11,785,488	44.9%
Apr-22	24,425,385	12,058,838	49.4%

**UNITIL ENERGY SYSTEMS. INC.**  
**CALCULATION OF THE EXTERNAL DELIVERY CHARGE**  
**Effective August 1, 2022**

	<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, 2022	(\$4,658,159)	(\$4,692,984)	\$34,825	Page 4 of 7
2. Estimated Total Costs (August 2022 - July 2023)	\$36,456,412	\$38,284,042	(\$1,827,630)	Page 4 of 7
3. Estimated Wholesale and Wheeling Revenue (August 2022 - July 2023)	\$2,541,218	\$0	\$2,541,218	Page 5 of 7
4. Estimated Interest (August 2022 - July 2023)	<u>(\$118,980)</u>	<u>(\$130,344)</u>	<u>\$11,364</u>	Page 4 of 7
5. Costs to be Recovered (L.1 + L.2 - L.3 + L. 4)	\$29,138,055	\$33,460,715	(\$4,322,660)	L.1 + L.2 + L.3
6. Estimated Calendar Month Deliveries in kWh (August 2022 - July 2023) (1)	<u>1,150,271,628</u>	<u>1,150,271,628</u>	<u>1,150,271,628</u>	
7. External Delivery Charge (\$/kWh) (L. 5 / L. 6)	\$0.02533	\$0.02909	(\$0.00376)	
(1) Schedule LSM-2, page 5. August 2022 - July 2023 Billed kWh	1,150,383,477			
- July 2022 Unbilled kWh	(44,260,230)			
+ July 2023 Unbilled kWh	<u>44,148,380</u>			
Calendar Month Deliveries	1,150,271,628			

		(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	\$1,207,012	\$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	Actual	(\$2,344,150)	\$3,268,111	\$3,177,621	(\$2,253,660)	(\$2,298,905)	3.25%	31	(\$6,346)	(\$2,260,006)
Jun-21	Actual	(\$2,260,006)	\$4,318,022	\$4,044,476	(\$1,986,460)	(\$2,123,233)	3.25%	30	(\$5,672)	(\$1,992,131)
Jul-21	Actual	(\$1,992,131)	<u>\$5,087,266</u>	<u>\$3,876,784</u>	(\$781,649)	(\$1,386,890)	3.25%	31	<u>(\$3,828)</u>	(\$785,477)
Total Aug-20 to Jul-21			\$40,278,101	\$42,266,516					(\$4,074)	

		(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	Actual	\$221,073	\$58,406	(\$16,654)	\$296,133	\$258,603	3.25%	31	\$714	\$296,846
Jun-21	Actual	\$296,846	(\$564,162)	(\$21,192)	(\$246,124)	\$25,361	3.25%	30	\$68	(\$246,057)
Jul-21	Actual	(\$246,057)	<u>(\$567,156)</u>	<u>(\$20,314)</u>	(\$792,899)	(\$519,478)	3.25%	31	<u>(\$1,421)(2)</u>	(\$794,320)
Total Aug-20 to Jul-21			(\$1,261,568)	(\$221,408)					\$11,239	

		(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	Actual	(\$2,123,077)	\$3,326,517	\$3,160,967	(\$1,957,527)	(\$2,040,302)	3.25%	31	(\$5,632)	(\$1,963,159)
Jun-21	Actual	(\$1,963,159)	\$3,753,859	\$4,023,284	(\$2,232,584)	(\$2,097,872)	3.25%	30	(\$5,604)	(\$2,238,188)
Jul-21	Actual	(\$2,238,188)	<u>\$4,520,110</u>	<u>\$3,856,470</u>	(\$1,574,548)	(\$1,906,368)	3.25%	31	<u>(\$5,249)(2)</u>	(\$1,579,798)
Total Aug-20 to Jul-21			\$39,016,533	\$42,045,108					\$7,164	

(1) Beginning balance includes VMP/REP reconciliation of \$337,289, as filed in DE 20-027 effective May 1, 2020, plus associated interest adjustment of \$3,621.26.  
(2) Includes \$12.86 for reclassified invoice.

		(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)
<b>Transmission Costs Only</b>										
Aug-21	Actual	(\$785,477)	\$4,203,258	\$4,422,491	(\$1,004,711)	(\$895,094)	3.25%	31	(\$2,471)	(\$1,007,181)
Sep-21	Actual	(\$1,007,181)	\$3,245,368	\$2,374,190	(\$136,003)	(\$571,592)	3.25%	30	(\$1,527)	(\$137,530)
Oct-21	Actual	(\$137,530)	\$2,525,439	\$2,929,628	(\$541,719)	(\$339,624)	3.25%	31	(\$937)	(\$542,656)
Nov-21	Actual	(\$542,656)	\$1,445,717	\$2,766,984	(\$1,863,923)	(\$1,203,290)	3.25%	30	(\$3,214)	(\$1,867,137)
Dec-21	Actual	(\$1,867,137)	\$2,284,551	\$3,047,860	(\$2,630,445)	(\$2,248,791)	3.25%	31	(\$6,207)	(\$2,636,653)
Jan-22	Actual	(\$2,636,653)	\$2,917,273	\$3,401,833	(\$3,121,213)	(\$2,878,933)	3.25%	31	(\$7,947)	(\$3,129,159)
Feb-22	Actual	(\$3,129,159)	\$2,992,322	\$2,991,108	(\$3,127,945)	(\$3,128,552)	3.25%	28	(\$7,800)	(\$3,135,745)
Mar-22	Actual	(\$3,135,745)	\$2,825,437	\$2,864,353	(\$3,174,661)	(\$3,155,203)	3.25%	31	(\$8,709)	(\$3,183,370)
Apr-22	Actual	(\$3,183,370)	\$2,392,846	\$2,613,310	(\$3,403,834)	(\$3,293,602)	3.25%	30	(\$8,798)	(\$3,412,632)
May-22	Estimate	(\$3,412,632)	\$3,070,369	\$2,695,038	(\$3,037,300)	(\$3,224,966)	3.25%	31	(\$8,902)	(\$3,046,202)
Jun-22	Estimate	(\$3,046,202)	\$405,478	\$2,852,761	(\$5,493,485)	(\$4,269,844)	3.25%	30	(\$11,406)	(\$5,504,891)
Jul-22	Estimate	(\$5,504,891)	<u>\$4,068,226</u>	<u>\$3,239,026</u>	(\$4,675,691)	(\$5,090,291)	4.00%	31	<u>(\$17,293)</u>	(\$4,692,984)
Total Aug-21 to Jul-22			\$32,376,286	\$36,198,582					(\$85,211)	

		(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)
<b>All Remaining EDC Costs (Non-Transmission)</b>										
Aug-21	Actual	(\$800,516)(1)	\$375,879	(\$192,066)	(\$232,571)	(\$516,543)	3.25%	31	\$404 (1)	(\$232,167)
Sep-21	Actual	(\$232,167)	\$44,308	(\$103,226)	(\$84,632)	(\$158,400)	3.25%	30	(\$423)	(\$85,056)
Oct-21	Actual	(\$85,056)	(\$671,605)	(\$127,277)	(\$629,384)	(\$357,220)	3.25%	31	(\$986)	(\$630,370)
Nov-21	Actual	(\$630,370)	\$30,136	(\$120,234)	(\$480,000)	(\$555,185)	3.25%	30	(\$1,471)(2)	(\$481,472)
Dec-21	Actual	(\$481,472)	\$78,949	(\$132,361)	(\$270,162)	(\$375,817)	3.25%	31	(\$1,037)	(\$271,199)
Jan-22	Actual	(\$271,199)	(\$1,175,418)	(\$147,570)	(\$1,299,048)	(\$785,123)	3.25%	31	(\$2,167)	(\$1,301,215)
Feb-22	Actual	(\$1,301,215)	\$59,904	(\$129,905)	(\$1,111,406)	(\$1,206,310)	3.25%	28	(\$3,008)	(\$1,114,413)
Mar-22	Actual	(\$1,114,413)	\$83,492	(\$124,539)	(\$906,382)	(\$1,010,398)	3.25%	31	(\$2,789)	(\$909,171)
Apr-22	Actual	(\$909,171)	(\$1,092,276)	(\$113,652)	(\$1,887,796)	(\$1,398,484)	3.25%	30	(\$3,736)	(\$1,891,531)
May-22	Estimate	(\$2,108,261)(3)	(\$21,327)	(\$110,124)	(\$2,019,464)	(\$2,063,863)	3.25%	31	(\$9,467)(4)	(\$2,028,931)
Jun-22	Estimate	(\$2,028,931)	\$258,185	(\$21,747)	(\$1,749,000)	(\$1,888,966)	3.25%	30	(\$5,046)	(\$1,754,046)
Jul-22	Estimate	(\$1,754,046)	<u>(\$783,945)</u>	<u>(\$35,253)</u>	(\$2,502,738)	(\$2,128,392)	4.00%	31	<u>(\$7,231)</u>	(\$2,509,969)
Total Aug-21 to Jul-22			(\$2,813,718)	(\$1,357,952)					(\$36,957)	

		(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)
<b>Total External Delivery Charge</b>										
Aug-21	Actual	(\$1,585,994)(1)	\$4,579,137	\$4,230,425	(\$1,237,281)	(\$1,411,637)	3.25%	31	(\$2,067)(1)	(\$1,239,348)
Sep-21	Actual	(\$1,239,348)	\$3,289,677	\$2,270,964	(\$220,636)	(\$729,992)	3.25%	30	(\$1,950)	(\$222,586)
Oct-21	Actual	(\$222,586)	\$1,853,834	\$2,802,351	(\$1,171,103)	(\$696,844)	3.25%	31	(\$1,923)	(\$1,173,026)
Nov-21	Actual	(\$1,173,026)	\$1,475,853	\$2,646,750	(\$2,343,923)	(\$1,758,475)	3.25%	30	(\$4,686)(2)	(\$2,348,609)
Dec-21	Actual	(\$2,348,609)	\$2,363,501	\$2,915,499	(\$2,900,607)	(\$2,624,608)	3.25%	31	(\$7,245)	(\$2,907,852)
Jan-22	Actual	(\$2,907,852)	\$1,741,855	\$3,254,263	(\$4,420,260)	(\$3,664,056)	3.25%	31	(\$10,114)	(\$4,430,374)
Feb-22	Actual	(\$4,430,374)	\$3,052,226	\$2,861,203	(\$4,239,351)	(\$4,334,863)	3.25%	28	(\$10,807)	(\$4,250,158)
Mar-22	Actual	(\$4,250,158)	\$2,908,929	\$2,739,814	(\$4,081,043)	(\$4,165,601)	3.25%	31	(\$11,498)	(\$4,092,542)
Apr-22	Actual	(\$4,092,542)	\$1,300,570	\$2,499,658	(\$5,291,630)	(\$4,692,086)	3.25%	30	(\$12,534)	(\$5,304,163)
May-22	Estimate	(\$5,520,893)(3)	\$3,049,042	\$2,584,914	(\$5,056,765)	(\$5,288,829)	3.25%	31	(\$18,369)(4)	(\$5,075,133)
Jun-22	Estimate	(\$5,075,133)	\$663,663	\$2,831,015	(\$7,242,485)	(\$6,158,809)	3.25%	30	(\$16,452)	(\$7,258,937)
Jul-22	Estimate	(\$7,258,937)	<u>\$3,284,281</u>	<u>\$3,203,773</u>	(\$7,178,429)	(\$7,218,683)	4.00%	31	<u>(\$24,524)</u>	(\$7,202,953)
Total Aug-21 to Jul-22			\$29,562,568	\$34,840,629					(\$122,168)	

(1) Beginning balance includes VMP/REP reconciliation of (\$179,614) as filed in DE 20-183 effective May 1, 2021, plus property tax reconciliation of \$173,418 as filed in DE 21-069 effective January 1, 2021, plus associated interest adjustment of \$1,829.80.  
 (2) Includes \$11.69 associated with reclass of \$4,299.72 moved to Consulting Outside Service Charges (UES) & OCA Consultant Expense.  
 (3) Includes (\$216,729.92), for the period June 1 to December 31, 2021, to reflect the increase in funding in base rates associated with the NHPUC Assessment.  
 (4) Includes (\$3,770.05) associated with NHPUC assessment adjustments of (\$216,729.92) for June-December 2021 and (\$123,846.32) for January-April 2022.

		(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-22	Estimate	(\$4,692,984)	\$3,922,944	\$3,946,941	(\$4,716,981)	(\$4,704,983)	4.00%	31	(\$15,984)
Sep-22	Estimate	(\$4,732,966)	\$3,427,138	\$2,032,209	(\$3,338,037)	(\$4,035,501)	4.00%	30	(\$13,267)	(\$3,351,304)
Oct-22	Estimate	(\$3,351,304)	\$2,650,689	\$2,834,682	(\$3,535,297)	(\$3,443,301)	4.75%	31	(\$13,891)	(\$3,549,189)
Nov-22	Estimate	(\$3,549,189)	\$2,826,269	\$2,879,478	(\$3,602,397)	(\$3,575,793)	4.75%	30	(\$13,960)	(\$3,616,357)
Dec-22	Estimate	(\$3,616,357)	\$3,160,662	\$2,595,840	(\$3,051,536)	(\$3,333,947)	4.75%	31	(\$13,450)	(\$3,064,986)
Jan-23	Estimate	(\$3,064,986)	\$3,173,777	\$3,017,266	(\$2,908,475)	(\$2,986,730)	4.75%	31	(\$12,049)	(\$2,920,524)
Feb-23	Estimate	(\$2,920,524)	\$3,014,100	\$2,823,144	(\$2,729,567)	(\$2,825,046)	4.75%	28	(\$10,294)	(\$2,739,861)
Mar-23	Estimate	(\$2,739,861)	\$2,827,946	\$2,577,250	(\$2,489,165)	(\$2,614,513)	4.75%	31	(\$10,548)	(\$2,499,713)
Apr-23	Estimate	(\$2,499,713)	\$2,563,529	\$2,579,850	(\$2,516,034)	(\$2,507,873)	4.75%	30	(\$9,791)	(\$2,525,825)
May-23	Estimate	(\$2,525,825)	\$3,022,178	\$2,527,375	(\$2,031,022)	(\$2,278,423)	4.75%	31	(\$9,192)	(\$2,040,213)
Jun-23	Estimate	(\$2,040,213)	\$3,672,566	\$2,621,305	(\$988,952)	(\$1,514,583)	4.75%	30	(\$5,913)	(\$994,865)
Jul-23	Estimate	(\$994,865)	<u>\$4,022,244</u>	<u>\$3,026,061</u>	\$1,317	(\$496,774)	4.75%	31	<u>(\$2,004)</u>	(\$687)
Total Aug-22 to Jul-23			\$38,284,042	\$33,461,402					(\$130,344)	

		(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-22	Estimate	\$34,825 (1)	\$397,211	(\$438,228)	\$870,264	\$452,545	4.00%	31	\$1,537
Sep-22	Estimate	\$871,802	\$127,056	(\$207,195)	\$1,206,052	\$1,038,927	4.00%	30	\$3,416	\$1,209,468
Oct-22	Estimate	\$1,209,468	(\$1,043,120)	(\$255,063)	\$421,411	\$815,440	4.75%	31	\$3,290	\$424,701
Nov-22	Estimate	\$424,701	\$132,008	(\$143,214)	\$699,923	\$562,312	4.75%	30	\$2,195	\$702,119
Dec-22	Estimate	\$702,119	\$173,825	\$108,979	\$766,965	\$734,542	4.75%	31	\$2,963	\$769,928
Jan-23	Estimate	\$769,928	(\$996,074)	\$68,611	(\$294,757)	\$237,586	4.75%	31	\$958	(\$293,799)
Feb-23	Estimate	(\$293,799)	\$188,228	\$14,266	(\$119,836)	(\$206,818)	4.75%	28	(\$754)	(\$120,590)
Mar-23	Estimate	(\$120,590)	\$197,209	(\$16,133)	\$92,752	(\$13,919)	4.75%	31	(\$56)	\$92,696
Apr-23	Estimate	\$92,696	(\$949,879)	(\$140,015)	(\$717,168)	(\$312,236)	4.75%	30	(\$1,219)	(\$718,387)
May-23	Estimate	(\$718,387)	\$256,914	(\$192,635)	(\$268,838)	(\$493,613)	4.75%	31	(\$1,991)	(\$270,829)
Jun-23	Estimate	(\$270,829)	\$405,641	(\$255,403)	\$390,215	\$59,693	4.75%	30	\$233	\$390,448
Jul-23	Estimate	\$390,448	<u>(\$716,650)</u>	<u>(\$327,773)</u>	\$1,571	\$196,010	4.75%	31	<u>\$791</u>	\$2,362
Total Aug-22 to Jul-23			(\$1,827,630)	(\$1,783,803)					\$11,364	

		(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-22	Estimate	(\$4,658,159)(1)	\$4,320,155	\$3,508,714	(\$3,846,717)	(\$4,252,438)	4.00%	31	(\$14,447)
Sep-22	Estimate	(\$3,861,164)	\$3,554,194	\$1,825,014	(\$2,131,984)	(\$2,996,574)	4.00%	30	(\$9,852)	(\$2,141,836)
Oct-22	Estimate	(\$2,141,836)	\$1,607,569	\$2,579,620	(\$3,113,886)	(\$2,627,861)	4.75%	31	(\$10,601)	(\$3,124,488)
Nov-22	Estimate	(\$3,124,488)	\$2,958,277	\$2,736,263	(\$2,902,474)	(\$3,013,481)	4.75%	30	(\$11,765)	(\$2,914,239)
Dec-22	Estimate	(\$2,914,239)	\$3,334,487	\$2,704,819	(\$2,284,571)	(\$2,599,405)	4.75%	31	(\$10,487)	(\$2,295,058)
Jan-23	Estimate	(\$2,295,058)	\$2,177,703	\$3,085,877	(\$3,203,232)	(\$2,749,145)	4.75%	31	(\$11,091)	(\$3,214,322)
Feb-23	Estimate	(\$3,214,322)	\$3,202,328	\$2,837,410	(\$2,849,404)	(\$3,031,863)	4.75%	28	(\$11,048)	(\$2,860,451)
Mar-23	Estimate	(\$2,860,451)	\$3,025,155	\$2,561,117	(\$2,396,413)	(\$2,628,432)	4.75%	31	(\$10,604)	(\$2,407,017)
Apr-23	Estimate	(\$2,407,017)	\$1,613,650	\$2,439,835	(\$3,233,202)	(\$2,820,109)	4.75%	30	(\$11,010)	(\$3,244,212)
May-23	Estimate	(\$3,244,212)	\$3,279,092	\$2,334,740	(\$2,299,860)	(\$2,772,036)	4.75%	31	(\$11,183)	(\$2,311,043)
Jun-23	Estimate	(\$2,311,043)	\$4,078,207	\$2,365,901	(\$598,737)	(\$1,454,890)	4.75%	30	(\$5,680)	(\$604,417)
Jul-23	Estimate	(\$604,417)	<u>\$3,305,594</u>	<u>\$2,698,288</u>	\$2,888	(\$300,764)	4.75%	31	<u>(\$1,213)</u>	\$1,675
Total Aug-22 to Jul-23			\$36,456,412	\$31,677,598					(\$118,980)	

(1) Beginning balance includes the following items:

(\$72,556)	Forecasted July 31, 2022 SRAF balance
\$103,973	Property tax reconciliation, as shown on Schedule DTN-1, effective January 1, 2022
\$73,160	Deferred Matter Communications (formerly Calypso) storm charges, per DE 21-030
	Rate Case Expense, subject to receipt of final invoices and audit. This amount reflects \$582,636 as filed in DE 21-030, plus \$38,895 of additional expenses received since the date of the filing.
\$621,531	Recoupment of revenues, per DE 21-030
\$1,431,728	COVID-19 related costs relating to waived late payment fees from calendar year 2020, per DE 21-030
<u>\$386,957</u>	
\$2,544,794	



		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)
		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	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	Actual	84,584,596	49.8%	42,099,810	\$0.03613	\$1,521,066	(\$1,416,123)	\$3,056,025	\$3,160,967	\$3,177,621	(\$16,654)
Jun-21	Actual	101,174,796	51.7%	52,281,394	\$0.03613	\$1,888,927	(\$1,521,066)	\$3,655,423	\$4,023,284	\$4,044,476	(\$21,192)
Jul-21	Actual	<u>112,005,834</u>	42.0%	<u>47,015,141</u>	\$0.03613	<u>\$1,698,657</u>	<u>(\$1,888,927)</u>	<u>\$4,046,740</u>	<u>\$3,856,470</u>	<u>\$3,876,784</u>	<u>(\$20,314)</u>
Total Aug-20 to Jul-21		1,171,416,953		559,217,950		\$20,204,545	(\$19,902,260)	\$41,742,823	\$42,045,108	\$42,266,516	(\$221,408)

		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)
		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 Retail Revenue (e + f + g)	Wholesale revenue	Wheeling Revenue (per DE 21-030)	Total Revenue (h + i + j)	EDC Revenue Allocated to Transmission Only (3)	EDC Revenue Allocated to Non-Transmission (4)
Aug-21	Actual	113,596,154	54.2%	61,586,966	\$0.03613	\$2,225,137	(\$1,698,657)	\$3,703,945	\$4,230,425	\$0	\$0	\$4,230,425	\$4,422,491	(\$192,066)
Sep-21	Actual	111,750,706	35.1%	39,235,250	\$0.02978	\$1,168,426	(\$2,225,137)	\$3,227,676	\$2,270,964	\$0	\$0	\$2,270,964	\$2,374,190	(\$103,226)
Oct-21	Actual	86,548,189	54.1%	46,795,548	\$0.02978	\$1,393,571	(\$1,168,426)	\$2,577,205	\$2,802,351	\$0	\$0	\$2,802,351	\$2,929,628	(\$127,277)
Nov-21	Actual	83,225,552	63.0%	52,449,754	\$0.02978	\$1,561,954	(\$1,393,571)	\$2,478,368	\$2,646,750	\$0	\$0	\$2,646,750	\$2,766,984	(\$120,234)
Dec-21	Actual	97,946,727	53.5%	52,415,982	\$0.02978	\$1,600,948	(\$1,561,954)	\$2,916,505	\$2,915,499	\$0	\$0	\$2,915,499	\$3,047,860	(\$132,361)
Jan-22	Actual	107,791,082	50.0%	53,899,935	\$0.02978	\$1,605,140	(\$1,600,948)	\$3,210,071	\$3,254,263	\$0	\$0	\$3,254,263	\$3,401,833	(\$147,570)
Feb-22	Actual	102,776,765	45.9%	47,206,760	\$0.02978	\$1,405,817	(\$1,605,140)	\$3,060,525	\$2,861,203	\$0	\$0	\$2,861,203	\$2,991,108	(\$129,905)
Mar-22	Actual	97,803,536	42.3%	41,415,359	\$0.02978	\$1,233,349	(\$1,405,817)	\$2,912,282	\$2,739,814	\$0	\$0	\$2,739,814	\$2,864,353	(\$124,539)
Apr-22	Actual	84,454,528	48.4%	40,908,379	\$0.02978	\$1,218,252	(\$1,233,349)	\$2,514,756	\$2,499,658	\$0	\$0	\$2,499,658	\$2,613,310	(\$113,652)
May-22	Estimate	85,117,150	49.8%	42,364,876	\$0.02978	\$1,261,626	(\$1,218,252)	\$2,534,789	\$2,578,163	\$0	\$6,751	\$2,584,914	\$2,695,038	(\$110,124)
Jun-22	Estimate	88,350,575	51.7%	45,654,565	\$0.02978	\$1,359,593	(\$1,261,626)	\$2,631,080	\$2,729,047	\$101,536	\$432	\$2,831,015	\$2,852,761	(\$21,747)
Jul-22	Estimate	<u>105,442,711</u>	42.0%	<u>44,260,230</u>	\$0.02978	<u>\$1,318,070</u>	<u>(\$1,359,593)</u>	<u>\$3,140,084</u>	<u>\$3,098,561</u>	<u>\$104,781</u>	<u>\$432</u>	<u>\$3,203,773</u>	<u>\$3,239,026</u>	<u>(\$35,253)</u>
Total Aug-21 to Jul-22		1,164,803,676		568,193,602		\$17,311,883	(\$17,692,470)	\$35,007,286	\$34,626,698	\$206,316	\$7,614	\$34,840,629	\$36,198,582	(\$1,357,952)

		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)
		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 Retail Revenue (e + f + g)	Wholesale revenue	Wheeling Revenue (per DE 21-030)	Total Revenue (h + i + j)	EDC Revenue Allocated to Transmission Only (3)	EDC Revenue Allocated to Non-Transmission (4)
Aug-22	Estimate	116,681,094	54.2%	63,259,488	\$0.02533	\$1,602,363	(\$1,318,070)	\$3,152,490	\$3,436,783	\$71,499	\$432	\$3,508,714	\$3,946,941	(\$438,228)
Sep-22	Estimate	98,526,567	35.1%	34,592,305	\$0.02533	\$876,223	(\$1,602,363)	\$2,495,678	\$1,769,538	\$55,044	\$432	\$1,825,014	\$2,032,209	(\$207,195)
Oct-22	Estimate	85,700,401	54.1%	46,337,159	\$0.02533	\$1,173,720	(\$876,223)	\$2,170,791	\$2,468,288	\$110,900	\$432	\$2,579,620	\$2,834,682	(\$255,063)
Nov-22	Estimate	89,143,180	63.0%	56,179,115	\$0.02533	\$1,423,017	(\$1,173,720)	\$2,507,997	\$2,507,294	\$228,538	\$432	\$2,736,263	\$2,879,478	(\$143,214)
Dec-22	Estimate	94,723,069	53.5%	50,690,849	\$0.02533	\$1,283,999	(\$1,423,017)	\$2,399,335	\$2,260,318	\$444,070	\$432	\$2,704,819	\$2,595,840	\$108,979
Jan-23	Estimate	102,938,936	50.0%	51,473,664	\$0.02533	\$1,303,828	(\$1,283,999)	\$2,607,443	\$2,627,272	\$458,173	\$432	\$3,085,877	\$3,017,266	\$68,611
Feb-23	Estimate	101,775,425	45.9%	46,746,831	\$0.02533	\$1,184,097	(\$1,303,828)	\$2,577,972	\$2,458,241	\$378,737	\$432	\$2,837,410	\$2,823,144	\$14,266
Mar-23	Estimate	95,080,346	42.3%	40,262,212	\$0.02533	\$1,019,842	(\$1,184,097)	\$2,408,385	\$2,244,130	\$316,555	\$432	\$2,561,117	\$2,577,250	(\$16,133)
Apr-23	Estimate	86,869,289	48.4%	42,078,050	\$0.02533	\$1,065,837	(\$1,019,842)	\$2,200,399	\$2,246,394	\$193,009	\$432	\$2,439,835	\$2,579,850	(\$140,015)
May-23	Estimate	86,103,484	49.8%	42,855,798	\$0.02533	\$1,085,537	(\$1,065,837)	\$2,181,001	\$2,200,702	\$133,607	\$432	\$2,334,740	\$2,527,375	(\$192,635)
Jun-23	Estimate	87,665,438	51.7%	45,300,525	\$0.02533	\$1,147,462	(\$1,085,537)	\$2,220,566	\$2,282,490	\$82,979	\$432	\$2,365,901	\$2,621,305	(\$255,403)
Jul-23	Estimate	<u>105,176,249</u>	42.0%	<u>44,148,380</u>	\$0.02533	<u>\$1,118,278</u>	<u>(\$1,147,462)</u>	<u>\$2,664,114</u>	<u>\$2,634,931</u>	<u>\$62,926</u>	<u>\$432</u>	<u>\$2,698,288</u>	<u>\$3,026,061</u>	<u>(\$327,773)</u>
Total Aug-22 to Jul-23		1,150,383,477		563,924,374		\$14,284,204	(\$14,483,996)	\$29,336,172	\$29,136,380	\$2,536,035	\$5,183	\$31,677,598	\$33,461,402	(\$1,783,803)

(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 Retail 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), plus Wholesale and Wheeling Revenue.

	Billed kWh	Direct Estimate of Unbilled kWh	Unbilled kWh / Billed kWh
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%
May-21	84,584,596	42,099,810	49.8%
Jun-21	101,174,796	52,281,394	51.7%
Jul-21	112,005,834	47,015,141	42.0%
Aug-21	113,596,154	61,586,966	54.2%
Sep-21	111,750,706	39,235,250	35.1%
Oct-21	86,548,189	46,795,548	54.1%
Nov-21	83,225,552	52,449,754	63.0%
Dec-21	97,946,727	52,415,982	53.5%
Jan-22	107,791,082	53,899,935	50.0%
Feb-22	102,776,765	47,206,760	45.9%
Mar-22	97,803,536	41,415,359	42.3%
Apr-22	84,454,528	40,908,379	48.4%

Unitil Energy Systems, Inc.  
Time Differentiated  
External Delivery Charge  
Effective August 1, 2022 through July 31, 2023

	Summer Volumetric Rates (1) June 1 - Nov 30	Ratios to Current Rate	Ratios Applied to August 1, 2022 Rates	Winter Volumetric Rates (1) Dec 1 - May 31	Ratios to Current Rate	Ratios Applied to August 1, 2022 Rates
<b>Schedule TOU-D and Schedule TOU-EV-D</b>						
	<i>8/1/20 Trans Chg excl reconciliation and interest</i>	\$ 0.03224	<i>8/1/22 Trans Chg</i>	\$ 0.03328	\$ 0.03224	\$ 0.03328
<b>External Delivery Charge- Transmission:</b>						
Off Peak kWh (M-F 8 pm - 6 am, all day weekends and weekday holidays)	\$ -		\$ -	\$ 0.00172	0.05	\$ 0.00178
Mid Peak kWh (M-F 6 am -3 pm excluding weekday holidays)	\$ 0.02070	0.64	\$ 0.02137	\$ 0.00370	0.11	\$ 0.00382
On Peak kWh (M-F 3 pm - 8 pm excluding weekday holidays)	\$ 0.13961	4.33	\$ 0.14411	\$ 0.16208	5.03	\$ 0.16731
All hours kWh - reconciliation and interest	\$ 0.00408		\$ (0.00419)	\$ 0.00408		\$ (0.00419)
<b>External Delivery Charge - non Transmission (\$/kWh)</b>			\$ (0.00376)			\$ (0.00376)
<b>Schedule TOU-EV-G2</b>						
	<i>8/1/20 Trans Chg excl reconciliation and interest</i>	\$ 0.03224	<i>8/1/22 Trans Chg</i>	\$ 0.03328	\$ 0.03224	\$ 0.03328
<b>External Delivery Charge- Transmission:</b>						
Off Peak kWh (M-F 8 pm - 6 am, all day weekends and weekday holidays)	\$ -		\$ -	\$ 0.00185	0.06	\$ 0.00191
Mid Peak kWh (M-F 6 am -3 pm excluding weekday holidays)	\$ 0.01579	0.49	\$ 0.01630	\$ 0.00285	0.09	\$ 0.00294
On Peak kWh (M-F 3 pm - 8 pm excluding weekday holidays)	\$ 0.16990	5.27	\$ 0.17538	\$ 0.18339	5.69	\$ 0.18931
All hours kWh - reconciliation and interest	\$ 0.00408		\$ (0.00419)	\$ 0.00408		\$ (0.00419)
<b>External Delivery Charge - non Transmission (\$/kWh)</b>			\$ (0.00376)			\$ (0.00376)
<b>Schedule TOU-EV-G1</b>						
	<i>8/1/20 Trans Chg excl reconciliation and interest</i>	\$ 0.03224	<i>8/1/22 Trans Chg</i>	\$ 0.03328	\$ 0.03224	\$ 0.03328
<b>External Delivery Charge- Transmission:</b>						
Off Peak kWh (M-F 8 pm - 6 am, all day weekends and weekday holidays)	\$ -		\$ -	\$ 0.00183	0.06	\$ 0.00189
Mid Peak kWh (M-F 6 am -3 pm excluding weekday holidays)	\$ 0.01673	0.52	\$ 0.01727	\$ 0.00302	0.09	\$ 0.00312
On Peak kWh (M-F 3 pm - 8 pm excluding weekday holidays)	\$ 0.17016	5.28	\$ 0.17565	\$ 0.18768	5.82	\$ 0.19373
All hours kWh - reconciliation and interest	\$ 0.00408		\$ (0.00419)	\$ 0.00408		\$ (0.00419)
<b>External Delivery Charge - non Transmission (\$/kWh)</b>			\$ (0.00376)			\$ (0.00376)

(1) Time Of Use Rates - See DE 20-170 Exhibit 24 Revised, Attachment A Illustrative Rates

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

Twenty-Seventh~~Sixth~~ Revised Page 65  
 Superseding~~Issued in Lieu of~~ Twenty-Sixth~~Fifth~~ Revised Page 65

### CALCULATION OF THE STRANDED COST CHARGE

#### Uniform per kWh Charge

1. (Over)/under Recovery - Beginning Balance August 1, 2022+	\$49,569	\$4,990
2. Estimated Total Costs (August 2022+ - July 2023 <del>2</del> )	(\$31,532)	(\$26,373)
3. Estimated Interest (August 2022+ - July 2023 <del>2</del> )	<u>\$1,023</u>	<u>\$117</u>
4. Costs to be Recovered (L.1 + L.2 + L.3)	\$19,060	(\$21,266)
5. Estimated Calendar Month Deliveries in kWh (August 2022+ - July 2023 <del>2</del> )	<u>1,150,271,628</u>	<u>1,171,945,218</u>
6. Stranded Cost Charge (\$/kWh) (L.4 / L.5)	\$0.00002	(\$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)	\$0.00002	(\$0.00002)
<u>Class G2</u>		
8. Estimated G2 Demand Revenue (August 2022+ - July 2023 <del>2</del> )	\$0	\$0
9. Estimated G2 Deliveries in kW (August 2022+ - July 2023 <del>2</del> )	<u>1,270,876</u>	<u>1,328,481</u>
10. Stranded Cost Charge (\$/kW) (L. 8 / L. 9)	\$0.00	\$0.00
11. G2 Energy Revenue (August 2022+ - July 2023 <del>2</del> )	\$6,378	(\$6,758)
12. Estimated G2 Calendar Month Deliveries in kWh (August 2022+ - July 2023 <del>2</del> )	<u>318,917,347</u>	<u>337,890,972</u>
13. Stranded Cost Charge (\$/kWh) (L.11 / L.12)	\$0.00002	(\$0.00002)
<u>Class G1</u>		
14. Estimated G1 Demand Revenue (August 2022+ - July 2023 <del>2</del> )	\$0	\$0
15. Estimated G1 Deliveries in kVA (August 2022+ - July 2023 <del>2</del> )	<u>1,008,699</u>	<u>1,050,126</u>
16. Stranded Cost Charge (\$/kVA) (L. 14 / L. 15)	\$0.00	\$0.00
17. G1 Energy Revenue (August 2022+ - July 2023 <del>2</del> )	\$6,382	(\$6,701)
18. Estimated G1 Calendar Month Deliveries in kWh (August 2022+ - July 2023 <del>2</del> )	<u>319,112,443</u>	<u>335,030,129</u>
19. Stranded Cost Charge (\$/kWh) (L.17 / L.18)	\$0.00002	(\$0.00002)

Authorized by NHPUC Order No. ~~26,500~~ in Case No. DE ~~21-121~~, dated ~~July 29, 2021~~

Issued: June 17, 2022~~August 9, 2021~~  
 Effective: August 1, 2022+

Issued By: Robert B. Hevert  
 Sr. Vice President

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

Twenty-Ninth Revised Page 67  
Superseding Issued in Lieu of Twenty-Eighth 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, 2022	(\$4,658,159)	(\$4,692,984)	\$34,825
2. Estimated Total Costs (August 2022 - July 2023)	\$36,456,412	\$38,284,042	(\$1,827,630)
3. Estimated Wholesale and Wheeling Revenue (August 2022 - July 2023)	<u>\$2,541,218</u>	<u>\$0</u>	<u>\$2,541,218</u>
4. Estimated Interest (August 2022 - July 2023)	(\$118,980)	(\$130,344)	\$11,364
5. Costs to be Recovered (L.1 + L.2 - L.3 + L. 4)	<u>29,138,055</u>	<u>33,460,715</u>	<u>(4,322,660)</u>
6. Estimated Calendar Month Deliveries in kWh (August 2022 - July 2023)	<u>1,150,271,628</u>	<u>1,150,271,628</u>	<u>1,150,271,628</u>
7. External Delivery Charge (\$/kWh) (L. 5 / L. 6)	\$0.02533	\$0.02909	(\$0.00376)
<del>1. (Over)/under Recovery - Beginning Balance August 1, 2021</del>	<del>(\$2,269,732)</del>	<del>(\$1,753,757)</del>	<del>(\$515,975)</del>
<del>2. Estimated Total Costs (August 2021 - July 2022)</del>	<del>\$37,197,382</del>	<del>\$38,269,718</del>	<del>(\$1,072,336)</del>
<del>3. Estimated Interest (August 2021 - July 2022)</del>	<del>(\$32,011)</del>	<del>(\$33,457)</del>	<del>\$1,446</del>
<del>4. Costs to be Recovered (L.1 + L.2 + L.3)</del>	<del>\$34,895,639</del>	<del>\$36,482,504</del>	<del>(\$1,586,865)</del>
<del>5. Estimated Calendar Month Deliveries in kWh (August 2021 - July 2022)</del>	<del>1,171,945,218</del>	<del>1,171,945,218</del>	<del>1,171,945,218</del>
<del>6. External Delivery Charge (\$/kWh) (L. 4 / L. 5)</del>	<del>\$0.02978</del>	<del>\$0.03113</del>	<del>(\$0.00135)</del>

Authorized by NHPUC Order No. ~~26,500~~ in Case No. ~~DE 21-121~~, dated ~~July 29, 2021~~

Issued: June 17, 2022~~August 9, 2021~~  
Effective: August 1, 2022~~4~~

Issued By: Robert B. Hevert  
Sr. Vice President

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. 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, 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 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 Department of Energy and 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 Department Of Energy Assessment, less amounts charged to base distribution and Default Service, 7) cash working capital associated with Other Flow-Through Operating Expenses, and 8) 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. Effective June 1, 2022, the Company will also include the amounts credited to, or paid to, customer generator net metering customers with an excess of 600 kWh banked at the end of the March billing cycle who opt to be credited or paid in accordance with the Puc 900 rules, as well as any monthly amounts credited to, or paid to, large customer generators or group net metering customers including any required annual credit reconciliation in accordance with Puc 900. In association with these net metering credits, the EDC will include any corresponding offsets for any wholesale market revenue received that is attributable to net metered facilities.-

In addition, the EDC shall include the calendar year over- or under-collection from the Company's Vegetation Management Program, Storm Resiliency Program and Reliability Enhancement Program, including third party reimbursements. 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 also include a charge for the recovery of displaced distribution revenue associated with net metering from 2013 and subsequent years until such time as the Revenue Decoupling Adjustment Clause takes effect.

*Authorized by NHPUC Order No. ~~26-623~~ in Case No. DE ~~21-030~~, dated ~~May 3, 2022~~*

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

**Residential Rate D 650 kWh Bill**

<u>Rate Components</u>	<u>6/1/2022</u>	<u>8/1/2022</u>	<u>Difference</u>	<u>Current Bill</u>	<u>As Revised Bill</u>	<u>Difference</u>	<u>%</u>
	<u>Current Rate</u>	<u>As Revised</u>					<u>Difference to Total Bill</u>
Customer Charge	\$16.22	\$16.22	\$0.00	\$16.22	\$16.22	\$0.00	0.0%
	<b><u>\$/kWh</u></b>	<b><u>\$/kWh</u></b>					
Distribution Charge	\$0.04333	\$0.04333	\$0.00000	\$28.16	\$28.16	\$0.00	0.0%
External Delivery Charge	\$0.02978	\$0.02533	(\$0.00445)	\$19.36	\$16.46	(\$2.89)	(2.2%)
Stranded Cost Charge	(\$0.00002)	\$0.00002	\$0.00004	(\$0.01)	\$0.01	\$0.03	0.0%
Storm Recovery Adj.	\$0.00000	\$0.00000	\$0.00000	\$0.00	\$0.00	\$0.00	0.0%
System Benefits Charge	\$0.00681	\$0.00681	\$0.00000	\$4.43	\$4.43	\$0.00	0.0%
Default Service Charge	<u>\$0.10117</u>	<u>\$0.10117</u>	<u>\$0.00000</u>	<u>\$65.76</u>	<u>\$65.76</u>	<u>\$0.00</u>	<u>0.0%</u>
Total kWh Charges	\$0.18107	\$0.17666	(\$0.00441)				
Total Bill				\$133.92	\$131.05	(\$2.87)	(2.1%)

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

<u>Rate Components</u>	<u>6/1/2022</u>	<u>8/1/2022</u>	<u>Difference</u>	<u>Current Bill</u>	<u>As Revised Bill</u>	<u>Difference</u>	<u>%</u>
	<u>Current Rate</u>	<u>As Revised</u>					<u>Difference to Total Bill</u>
Customer Charge	\$29.19	\$29.19	\$0.00	\$29.19	\$29.19	\$0.00	0.0%
	<b><u>All kW</u></b>	<b><u>All kW</u></b>					
Distribution Charge	\$11.54	\$11.54	\$0.00	\$126.94	\$126.94	\$0.00	0.0%
Stranded Cost Charge	<u>\$0.00</u>	<u>\$0.00</u>	<u>\$0.00</u>	<u>\$0.00</u>	<u>\$0.00</u>	<u>\$0.00</u>	<u>0.0%</u>
Total kW Charges	\$11.54	\$11.54	\$0.00	\$126.94	\$126.94	\$0.00	0.0%
	<b><u>\$/kWh</u></b>	<b><u>\$/kWh</u></b>					
Distribution Charge	\$0.00000	\$0.00000	\$0.00000	\$0.00	\$0.00	\$0.00	0.0%
External Delivery Charge	\$0.02978	\$0.02533	(\$0.00445)	\$83.38	\$70.92	(\$12.46)	(2.4%)
Stranded Cost Charge	(\$0.00002)	\$0.00002	\$0.00004	(\$0.06)	\$0.06	\$0.11	0.0%
Storm Recovery Adj.	\$0.00000	\$0.00000	\$0.00000	\$0.00	\$0.00	\$0.00	0.0%
System Benefits Charge	\$0.00681	\$0.00681	\$0.00000	\$19.07	\$19.07	\$0.00	0.0%
Default Service Charge	<u>\$0.09370</u>	<u>\$0.09370</u>	<u>\$0.00000</u>	<u>\$262.36</u>	<u>\$262.36</u>	<u>\$0.00</u>	<u>0.0%</u>
Total kWh Charges	\$0.13027	\$0.12586	(\$0.00441)	\$364.76	\$352.41	(\$12.35)	(2.4%)
Total Bill				\$520.89	\$508.54	(\$12.35)	(2.4%)

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

<b>Regular General G2 Quick Recovery Water Heating and Space Heating 1,660 kWh Typical Bill</b>							
	6/1/2022	8/1/2022					%
<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%
	<b><u>\$/kWh</u></b>	<b><u>\$/kWh</u></b>					
Distribution Charge	\$0.03500	\$0.03500	\$0.00000	\$58.10	\$58.10	\$0.00	0.0%
External Delivery Charge	\$0.02978	\$0.02533	(\$0.00445)	\$49.43	\$42.05	(\$7.39)	(2.6%)
Stranded Cost Charge	(\$0.00002)	\$0.00002	\$0.00004	(\$0.03)	\$0.03	\$0.07	0.0%
Storm Recovery Adj.	\$0.00000	\$0.00000	\$0.00000	\$0.00	\$0.00	\$0.00	0.0%
System Benefits Charge	\$0.00681	\$0.00681	\$0.00000	\$11.30	\$11.30	\$0.00	0.0%
Default Service Charge	<u>\$0.09370</u>	<u>\$0.09370</u>	<u>\$0.00000</u>	<u>\$155.54</u>	<u>\$155.54</u>	<u>\$0.00</u>	<u>0.0%</u>
Total kWh Charges	\$0.16527	\$0.16086	(\$0.00441)	\$274.35	\$267.03	(\$7.32)	(2.6%)
Total Bill				\$284.08	\$276.76	(\$7.32)	(2.6%)

<b>Regular General G2 kWh Meter 115 kWh Typical Bill</b>							
	6/1/2022	8/1/2022					%
<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%
	<b><u>\$/kWh</u></b>	<b><u>\$/kWh</u></b>					
Distribution Charge	\$0.02404	\$0.02404	\$0.00000	\$2.76	\$2.76	\$0.00	0.0%
External Delivery Charge	\$0.02978	\$0.02533	(\$0.00445)	\$3.42	\$2.91	(\$0.51)	(1.4%)
Stranded Cost Charge	(\$0.00002)	\$0.00002	\$0.00004	(\$0.00)	\$0.00	\$0.00	0.0%
Storm Recovery Adj.	\$0.00000	\$0.00000	\$0.00000	\$0.00	\$0.00	\$0.00	0.0%
System Benefits Charge	\$0.00681	\$0.00681	\$0.00000	\$0.78	\$0.78	\$0.00	0.0%
Default Service Charge	<u>\$0.09370</u>	<u>\$0.09370</u>	<u>\$0.00000</u>	<u>\$10.78</u>	<u>\$10.78</u>	<u>\$0.00</u>	<u>0.0%</u>
Total kWh Charges	\$0.15431	\$0.14990	(\$0.00441)	\$17.75	\$17.24	(\$0.51)	(1.4%)
Total Bill				\$36.13	\$35.62	(\$0.51)	(1.4%)



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

<b><u>Large General - G1 550 kVa, 200,000 kWh Typical Bill</u></b>							
	6/1/2022	8/1/2022					%
<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>to Total Bill</u>
Customer Charge	\$162.18	\$162.18	\$0.00	\$162.18	\$162.18	\$0.00	0.0%
	<b><u>All kVa</u></b>	<b><u>All kVa</u></b>					
Distribution Charge	\$8.19	\$8.19	\$0.00	\$4,504.50	\$4,504.50	\$0.00	0.0%
Stranded Cost Charge	<u>\$0.00</u>	<u>\$0.00</u>	<u>\$0.00</u>	<u>\$0.00</u>	<u>\$0.00</u>	<u>\$0.00</u>	<u>0.0%</u>
Total kVa Charges	\$8.19	\$8.19	\$0.00	\$4,504.50	\$4,504.50	\$0.00	0.0%
	<b><u>\$/kWh</u></b>	<b><u>\$/kWh</u></b>					
Distribution Charge	\$0.00000	\$0.00000	\$0.00000	\$0.00	\$0.00	\$0.00	0.0%
External Delivery Charge	\$0.02978	\$0.02533	(\$0.00445)	\$5,956.00	\$5,066.00	(\$890.00)	(2.7%)
Stranded Cost Charge	(\$0.00002)	\$0.00002	\$0.00004	(\$4.00)	\$4.00	\$8.00	0.0%
Storm Recovery Adj.	\$0.00000	\$0.00000	\$0.00000	\$0.00	\$0.00	\$0.00	0.0%
System Benefits Charge	\$0.00681	\$0.00681	\$0.00000	\$1,362.00	\$1,362.00	\$0.00	0.0%
Default Service Charge *	<u>\$0.10793</u>	<u>\$0.10793</u>	<u>\$0.00000</u>	<u>\$21,586.00</u>	<u>\$21,586.00</u>	<u>\$0.00</u>	<u>0.0%</u>
Total kWh Charges	\$0.14450	\$0.14009	(\$0.00441)	\$28,900.00	\$28,018.00	(\$882.00)	(2.6%)
Total Bill				\$33,566.68	\$32,684.68	(\$882.00)	(2.6%)

\* 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 653 kWh Bill - Mean Use\***

Rate Components	6/1/2022	8/1/2022	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%
	<b><u>\$/kWh</u></b>	<b><u>\$/kWh</u></b>					
Distribution Charge	\$0.04333	\$0.04333	\$0.00000	\$28.29	\$28.29	\$0.00	0.0%
External Delivery Charge	\$0.02978	\$0.02533	(\$0.00445)	\$19.45	\$16.54	(\$2.91)	(2.2%)
Stranded Cost Charge	(\$0.00002)	\$0.00002	\$0.00004	(\$0.01)	\$0.01	\$0.03	0.0%
Storm Recovery Adj.	\$0.00000	\$0.00000	\$0.00000	\$0.00	\$0.00	\$0.00	0.0%
System Benefits Charge	\$0.00681	\$0.00681	\$0.00000	\$4.45	\$4.45	\$0.00	0.0%
Default Service Charge	<u>\$0.10117</u>	<u>\$0.10117</u>	<u>\$0.00000</u>	<u>\$66.06</u>	<u>\$66.06</u>	<u>\$0.00</u>	<u>0.0%</u>
Total kWh Charges	\$0.18107	\$0.17666	(\$0.00441)				
Total Bill				\$134.46	\$131.58	(\$2.88)	(2.1%)

**Residential Rate D 526 kWh Bill - Median Use\***

Rate Components	6/1/2022	8/1/2022	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%
	<b><u>\$/kWh</u></b>	<b><u>\$/kWh</u></b>					
Distribution Charge	\$0.04333	\$0.04333	\$0.00000	\$22.79	\$22.79	\$0.00	0.0%
External Delivery Charge	\$0.02978	\$0.02533	(\$0.00445)	\$15.66	\$13.32	(\$2.34)	(2.1%)
Stranded Cost Charge	(\$0.00002)	\$0.00002	\$0.00004	(\$0.01)	\$0.01	\$0.02	0.0%
Storm Recovery Adj.	\$0.00000	\$0.00000	\$0.00000	\$0.00	\$0.00	\$0.00	0.0%
System Benefits Charge	\$0.00681	\$0.00681	\$0.00000	\$3.58	\$3.58	\$0.00	0.0%
Default Service Charge	<u>\$0.10117</u>	<u>\$0.10117</u>	<u>\$0.00000</u>	<u>\$53.22</u>	<u>\$53.22</u>	<u>\$0.00</u>	<u>0.0%</u>
Total kWh Charges	\$0.18107	\$0.17666	(\$0.00441)				
Total Bill				\$111.46	\$109.14	(\$2.32)	(2.1%)

\* Based on billing period January through December 2021.

Unitil Energy Systems, Inc.  
Average Class Impacts  
Due to Proposed Stranded Cost Charge and External Delivery Charge Rate Changes Effective August 1, 2022

(A) <u>Class of Service</u>	(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	815,280	515,968,592	n/a	\$20,639	(\$2,296,060)	\$106,650,267	\$104,374,845	(\$2,275,421)	(2.1%)
General Service	134,344	317,056,821	1,234,532	\$12,682	(\$1,410,903)	\$59,510,825	\$58,112,604	(\$1,398,221)	(2.3%)
Large General Service	2,010	319,767,459	1,000,283	\$12,791	(\$1,422,965)	\$54,532,979	\$53,122,804	(\$1,410,174)	(2.6%)
Outdoor Lighting	108,601	7,625,729	n/a	\$305	(\$33,934)	\$2,851,118	\$2,817,489	(\$33,629)	(1.2%)
<b>Total</b>	<b>1,060,234</b>	<b>1,160,418,601</b>		<b>\$46,417</b>	<b>(\$5,163,863)</b>	<b>\$223,545,188</b>	<b>\$218,427,742</b>	<b>(\$5,117,446)</b>	<b>(2.3%)</b>

(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, 2022 vs. August 1, 2022**  
**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 6/1/2022</u>	<u>Total Bill Using Rates 8/1/2022</u>	<u>Total Difference</u>	<u>% Total Difference</u>
125	\$38.85	\$38.30	(\$0.55)	(1.4%)
150	\$43.38	\$42.72	(\$0.66)	(1.5%)
200	\$52.43	\$51.55	(\$0.88)	(1.7%)
250	\$61.49	\$60.39	(\$1.10)	(1.8%)
300	\$70.54	\$69.22	(\$1.32)	(1.9%)
350	\$79.59	\$78.05	(\$1.54)	(1.9%)
400	\$88.65	\$86.88	(\$1.76)	(2.0%)
450	\$97.70	\$95.72	(\$1.98)	(2.0%)
500	\$106.76	\$104.55	(\$2.21)	(2.1%)
525	\$111.28	\$108.97	(\$2.32)	(2.1%)
550	\$115.81	\$113.38	(\$2.43)	(2.1%)
575	\$120.34	\$117.80	(\$2.54)	(2.1%)
600	\$124.86	\$122.22	(\$2.65)	(2.1%)
625	\$129.39	\$126.63	(\$2.76)	(2.1%)
650	\$133.92	\$131.05	(\$2.87)	(2.1%)
675	\$138.44	\$135.47	(\$2.98)	(2.2%)
700	\$142.97	\$139.88	(\$3.09)	(2.2%)
725	\$147.50	\$144.30	(\$3.20)	(2.2%)
750	\$152.02	\$148.72	(\$3.31)	(2.2%)
775	\$156.55	\$153.13	(\$3.42)	(2.2%)
825	\$165.60	\$161.96	(\$3.64)	(2.2%)
925	\$183.71	\$179.63	(\$4.08)	(2.2%)
1,000	\$197.29	\$192.88	(\$4.41)	(2.2%)
1,250	\$242.56	\$237.05	(\$5.51)	(2.3%)
1,500	\$287.83	\$281.21	(\$6.62)	(2.3%)
2,000	\$378.36	\$369.54	(\$8.82)	(2.3%)
3,500	\$649.97	\$634.53	(\$15.43)	(2.4%)
5,000	\$921.57	\$899.52	(\$22.05)	(2.4%)

	<u>Rates - Effective June 1, 2022</u>	<u>Rates - Proposed August 1, 2022</u>	<u>Difference</u>
Customer Charge	<b>\$16.22</b>	<b>\$16.22</b>	<b>\$0.00</b>
Distribution Charge:	<u>kWh</u> \$0.04333	<u>kWh</u> \$0.04333	<u>kWh</u> \$0.00000
External Delivery Charge	\$0.02978	\$0.02533	(\$0.00445)
Stranded Cost Charge	(\$0.00002)	\$0.00002	\$0.00004
Storm Recovery Adjustment Factor	\$0.00000	\$0.00000	\$0.00000
System Benefits Charge	\$0.00681	\$0.00681	\$0.00000
Default Service Charge	<u>\$0.10117</u>	<u>\$0.10117</u>	<u>\$0.00000</u>
<b>TOTAL</b>	<b>\$0.18107</b>	<b>\$0.17666</b>	<b>(\$0.00441)</b>

**Unitil Energy Systems, Inc.**  
**Typical Bill Impacts - June 1, 2022 vs. August 1, 2022**  
**Due to Changes in the Stranded Cost Charge and External Delivery Charge**  
**Impact on G2 Rate Customers**

<b>Load Factor</b>	<b>Average Monthly kW</b>	<b>Average Monthly kWh</b>	<b>Total Bill Using Rates 6/1/2022</b>	<b>Total Bill Using Rates 8/1/2022</b>	<b>Total Difference</b>	<b>% Total Difference</b>
20%	5	730	\$181.99	\$178.77	(\$3.22)	(1.8%)
20%	10	1,460	\$334.78	\$328.35	(\$6.44)	(1.9%)
20%	15	2,190	\$487.58	\$477.92	(\$9.66)	(2.0%)
20%	25	3,650	\$793.18	\$777.08	(\$16.10)	(2.0%)
20%	50	7,300	\$1,557.16	\$1,524.97	(\$32.19)	(2.1%)
20%	75	10,950	\$2,321.15	\$2,272.86	(\$48.29)	(2.1%)
20%	100	14,600	\$3,085.13	\$3,020.75	(\$64.39)	(2.1%)
20%	150	21,900	\$4,613.10	\$4,516.52	(\$96.58)	(2.1%)
36%	5	1,314	\$258.06	\$252.27	(\$5.79)	(2.2%)
36%	10	2,628	\$486.94	\$475.35	(\$11.59)	(2.4%)
36%	15	3,942	\$715.81	\$698.43	(\$17.38)	(2.4%)
36%	25	6,570	\$1,173.56	\$1,144.59	(\$28.97)	(2.5%)
36%	50	13,140	\$2,317.94	\$2,259.99	(\$57.95)	(2.5%)
36%	75	19,710	\$3,462.31	\$3,375.39	(\$86.92)	(2.5%)
36%	100	26,280	\$4,606.69	\$4,490.79	(\$115.89)	(2.5%)
36%	150	39,420	\$6,895.43	\$6,721.59	(\$173.84)	(2.5%)
50%	5	1,825	\$324.63	\$316.58	(\$8.05)	(2.5%)
50%	10	3,650	\$620.08	\$603.98	(\$16.10)	(2.6%)
50%	15	5,475	\$915.52	\$891.37	(\$24.14)	(2.6%)
50%	25	9,125	\$1,506.40	\$1,466.16	(\$40.24)	(2.7%)
50%	50	18,250	\$2,983.62	\$2,903.14	(\$80.48)	(2.7%)
50%	75	27,375	\$4,460.83	\$4,340.11	(\$120.72)	(2.7%)
50%	100	36,500	\$5,938.05	\$5,777.08	(\$160.97)	(2.7%)
50%	150	54,750	\$8,892.47	\$8,651.03	(\$241.45)	(2.7%)

	<b>Rates - Effective June 1, 2022</b>	<b>Rates - Proposed August 1, 2022</b>	<b>Difference</b>
Customer Charge	<b>\$29.19</b>	<b>\$29.19</b>	<b>\$0.00</b>
Distribution Charge	<u>All kW</u> \$11.54	<u>All kW</u> \$11.54	<u>All kW</u> \$0.00
Stranded Cost Charge	<u>\$0.00</u>	<u>\$0.00</u>	<u>\$0.00</u>
<b>TOTAL</b>	<b>\$11.54</b>	<b>\$11.54</b>	<b>\$0.00</b>
Distribution Charge	<u>kWh</u> \$0.00000	<u>kWh</u> \$0.00000	<u>kWh</u> \$0.00000
External Delivery Charge	\$0.02978	\$0.02533	(\$0.00445)
Stranded Cost Charge	(\$0.00002)	\$0.00002	\$0.00004
Storm Recovery Adj. Factor	\$0.00000	\$0.00000	\$0.00000
System Benefits Charge	\$0.00681	\$0.00681	\$0.00000
Default Service Charge	<u>\$0.09370</u>	<u>\$0.09370</u>	<u>\$0.00000</u>
<b>TOTAL</b>	<b>\$0.13027</b>	<b>\$0.12586</b>	<b>(\$0.00441)</b>

<b>Unitil Energy Systems, Inc.</b> <b>Typical Bill Impacts - June 1, 2022 vs. August 1, 2022</b> <b>Due to Changes in the Stranded Cost Charge and External Delivery Charge</b> <b>Impact on G2 kWh Meter Rate Customers</b>				
<b>Average Monthly kWh</b>	<b>Total Bill Using Rates 6/1/2022</b>	<b>Total Bill Using Rates 8/1/2022</b>	<b>Total Difference</b>	<b>% Total Difference</b>
15	\$20.69	\$20.63	(\$0.07)	(0.3%)
75	\$29.95	\$29.62	(\$0.33)	(1.1%)
150	\$41.53	\$40.87	(\$0.66)	(1.6%)
250	\$56.96	\$55.86	(\$1.10)	(1.9%)
350	\$72.39	\$70.85	(\$1.54)	(2.1%)
450	\$87.82	\$85.84	(\$1.98)	(2.3%)
550	\$103.25	\$100.83	(\$2.43)	(2.3%)
650	\$118.68	\$115.82	(\$2.87)	(2.4%)
750	\$134.11	\$130.81	(\$3.31)	(2.5%)
900	\$157.26	\$153.29	(\$3.97)	(2.5%)
	<b>Rates - Effective June 1, 2022</b>	<b>Rates - Proposed August 1, 2022</b>	<b>Difference</b>	
kWh Meter Customer Charge	<b>\$18.38</b>	<b>\$18.38</b>	<b>\$0.00</b>	
	<b>All kWh</b>	<b>All kWh</b>	<b>All kWh</b>	
Distribution Charge	\$0.02404	\$0.02404	\$0.00000	
External Delivery Charge	\$0.02978	\$0.02533	(\$0.00445)	
Stranded Cost Charge	(\$0.00002)	\$0.00002	\$0.00004	
Storm Recovery Adjustment Factor	\$0.00000	\$0.00000	\$0.00000	
System Benefits Charge	\$0.00681	\$0.00681	\$0.00000	
Default Service Charge	<u>\$0.09370</u>	<u>\$0.09370</u>	<u>\$0.00000</u>	
<b>TOTAL</b>	<b>\$0.15431</b>	<b>\$0.14990</b>	<b>(\$0.00441)</b>	

**Unitil Energy Systems, Inc.**  
**Typical Bill Impacts - June 1, 2022 vs. August 1, 2022**  
**Due to Changes in the Stranded Cost Charge and External Delivery Charge**  
**Impact on G2 QRWH and SH Rate Customers**

<u>Average kWh</u>	<u>Total Bill Using Rates 6/1/2022</u>	<u>Total Bill Using Rates 8/1/2022</u>	<u>Total Difference</u>	<u>% Total Difference</u>
100	\$26.26	\$25.82	(\$0.44)	(1.7%)
200	\$42.78	\$41.90	(\$0.88)	(2.1%)
300	\$59.31	\$57.99	(\$1.32)	(2.2%)
400	\$75.84	\$74.07	(\$1.76)	(2.3%)
500	\$92.37	\$90.16	(\$2.20)	(2.4%)
750	\$133.68	\$130.38	(\$3.31)	(2.5%)
1,000	\$175.00	\$170.59	(\$4.41)	(2.5%)
1,500	\$257.64	\$251.02	(\$6.62)	(2.6%)
2,000	\$340.27	\$331.45	(\$8.82)	(2.6%)
2,500	\$422.91	\$411.88	(\$11.02)	(2.6%)

	<u>Rates - Effective June 1, 2022</u>	<u>Rates - Proposed August 1, 2022</u>	<u>Difference</u>
Customer Charge	<b>\$9.73</b>	<b>\$9.73</b>	<b>\$0.00</b>
	<u>All kWh</u>	<u>All kWh</u>	<u>All kWh</u>
Distribution Charge	\$0.03500	\$0.03500	\$0.00000
External Delivery Charge	\$0.02978	\$0.02533	(\$0.00445)
Stranded Cost Charge	(\$0.00002)	\$0.00002	\$0.00004
Storm Recovery Adjustment Factor	\$0.00000	\$0.00000	\$0.00000
System Benefits Charge	\$0.00681	\$0.00681	\$0.00000
Default Service Charge	<u>\$0.09370</u>	<u>\$0.09370</u>	<u>\$0.00000</u>
<b>TOTAL</b>	<b>\$0.16527</b>	<b>\$0.16086</b>	<b>(\$0.00441)</b>

**Unitil Energy Systems, Inc.**  
**Typical Bill Impacts - June 1, 2022 vs. August 1, 2022**  
**Due to Changes in the Stranded Cost Charge and External Delivery Charge**  
**Impact on G1 Rate Customers**

<u>Load Factor</u>	<u>Average Monthly kVa</u>	<u>Average Monthly kWh</u>	<u>Total Bill Using Rates 6/1/2022</u>	<u>Total Bill Using Rates 8/1/2022</u>	<u>Total Difference</u>	<u>% Total Difference</u>
25.0%	200	36,500	\$7,074.43	\$6,913.47	(\$160.97)	(2.3%)
25.0%	400	73,000	\$13,986.68	\$13,664.75	(\$321.93)	(2.3%)
25.0%	600	109,500	\$20,898.93	\$20,416.04	(\$482.90)	(2.3%)
25.0%	800	146,000	\$27,811.18	\$27,167.32	(\$643.86)	(2.3%)
25.0%	1,000	182,500	\$34,723.43	\$33,918.61	(\$804.82)	(2.3%)
25.0%	1,500	273,750	\$52,004.06	\$50,796.82	(\$1,207.24)	(2.3%)
25.0%	2,000	365,000	\$69,284.68	\$67,675.03	(\$1,609.65)	(2.3%)
25.0%	2,500	456,250	\$86,565.31	\$84,553.24	(\$2,012.06)	(2.3%)
25.0%	3,000	547,500	\$103,845.93	\$101,431.46	(\$2,414.48)	(2.3%)
40.0%	200	58,400	\$10,238.98	\$9,981.44	(\$257.54)	(2.5%)
40.0%	400	116,800	\$20,315.78	\$19,800.69	(\$515.09)	(2.5%)
40.0%	600	175,200	\$30,392.58	\$29,619.95	(\$772.63)	(2.5%)
40.0%	800	233,600	\$40,469.38	\$39,439.20	(\$1,030.18)	(2.5%)
40.0%	1,000	292,000	\$50,546.18	\$49,258.46	(\$1,287.72)	(2.5%)
40.0%	1,500	438,000	\$75,738.18	\$73,806.60	(\$1,931.58)	(2.6%)
40.0%	2,000	584,000	\$100,930.18	\$98,354.74	(\$2,575.44)	(2.6%)
40.0%	2,500	730,000	\$126,122.18	\$122,902.88	(\$3,219.30)	(2.6%)
40.0%	3,000	876,000	\$151,314.18	\$147,451.02	(\$3,863.16)	(2.6%)
57.0%	200	83,220	\$13,825.47	\$13,458.47	(\$367.00)	(2.7%)
57.0%	400	166,440	\$27,488.76	\$26,754.76	(\$734.00)	(2.7%)
57.0%	600	249,660	\$41,152.05	\$40,051.05	(\$1,101.00)	(2.7%)
57.0%	800	332,880	\$54,815.34	\$53,347.34	(\$1,468.00)	(2.7%)
57.0%	1,000	416,100	\$68,478.63	\$66,643.63	(\$1,835.00)	(2.7%)
57.0%	1,500	624,150	\$102,636.86	\$99,884.35	(\$2,752.50)	(2.7%)
57.0%	2,000	832,200	\$136,795.08	\$133,125.08	(\$3,670.00)	(2.7%)
57.0%	2,500	1,040,250	\$170,953.31	\$166,365.80	(\$4,587.50)	(2.7%)
57.0%	3,000	1,248,300	\$205,111.53	\$199,606.53	(\$5,505.00)	(2.7%)
71.0%	200	103,660	\$16,779.05	\$16,321.91	(\$457.14)	(2.7%)
71.0%	400	207,320	\$33,395.92	\$32,481.64	(\$914.28)	(2.7%)
71.0%	600	310,980	\$50,012.79	\$48,641.37	(\$1,371.42)	(2.7%)
71.0%	800	414,640	\$66,629.66	\$64,801.10	(\$1,828.56)	(2.7%)
71.0%	1,000	518,300	\$83,246.53	\$80,960.83	(\$2,285.70)	(2.7%)
71.0%	1,500	777,450	\$124,788.71	\$121,360.15	(\$3,428.55)	(2.7%)
71.0%	2,000	1,036,600	\$166,330.88	\$161,759.47	(\$4,571.41)	(2.7%)
71.0%	2,500	1,295,750	\$207,873.06	\$202,158.80	(\$5,714.26)	(2.7%)
71.0%	3,000	1,554,900	\$249,415.23	\$242,558.12	(\$6,857.11)	(2.7%)

	<u>Rates - Effective June 1, 2022</u>	<u>Rates - Proposed August 1, 2022</u>	<u>Difference</u>
Customer Charge	\$162.18	\$162.18	\$0.00
	<u>All kVA</u>	<u>All kVA</u>	<u>All kVA</u>
Distribution Charge	\$8.19	\$8.19	\$0.00
Stranded Cost Charge	\$0.00	\$0.00	\$0.00
<b>TOTAL</b>	<b>\$8.19</b>	<b>\$8.19</b>	<b>\$0.00</b>
	<u>All kWh</u>	<u>All kWh</u>	<u>All kWh</u>
Distribution Charge	\$0.00000	\$0.00000	\$0.00000
External Delivery Charge	\$0.02978	\$0.02533	(\$0.00445)
Stranded Cost Charge	(\$0.00002)	\$0.00002	\$0.00004
Storm Recovery Adjustment Factor	\$0.00000	\$0.00000	\$0.00000
System Benefits Charge	\$0.00681	\$0.00681	\$0.00000
Default Service Charge*	\$0.10793	\$0.10793	\$0.00000
<b>TOTAL</b>	<b>\$0.14450</b>	<b>\$0.14009</b>	<b>(\$0.00441)</b>

\* Default Service Charge for the G1 class is determined monthly. For purposes of this comparison, the June 2022 rate is unchanged.



**Unitil Energy Systems, Inc.**  
**Typical Bill Impacts - June 1, 2022 vs. August 1, 2022**  
**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 6/1/2022	Total Bill Using Rates 8/1/2022	Total Difference	% Total Difference
<u>Mercury Vapor:</u>								
1	100	3,500	ST	43	\$19.33	\$19.14	(\$0.19)	(1.0%)
2	175	7,000	ST	71	\$24.98	\$24.67	(\$0.31)	(1.3%)
3	250	11,000	ST	100	\$30.28	\$29.84	(\$0.44)	(1.5%)
4	400	20,000	ST	157	\$37.70	\$37.01	(\$0.69)	(1.8%)
5	1,000	60,000	ST	372	\$73.24	\$71.60	(\$1.64)	(2.2%)
6	250	11,000	FL	100	\$31.28	\$30.84	(\$0.44)	(1.4%)
7	400	20,000	FL	157	\$42.02	\$41.33	(\$0.69)	(1.6%)
8	1,000	60,000	FL	380	\$74.79	\$73.12	(\$1.68)	(2.2%)
9	100	3,500	PB	48	\$19.69	\$19.48	(\$0.21)	(1.1%)
10	175	7,000	PB	71	\$23.90	\$23.59	(\$0.31)	(1.3%)
<u>High Pressure Sodium:</u>								
11	50	4,000	ST	23	\$16.73	\$16.62	(\$0.10)	(0.6%)
12	100	9,500	ST	48	\$21.98	\$21.77	(\$0.21)	(1.0%)
13	150	16,000	ST	65	\$25.72	\$25.43	(\$0.29)	(1.1%)
14	250	30,000	ST	102	\$32.82	\$32.37	(\$0.45)	(1.4%)
15	400	50,000	ST	161	\$45.75	\$45.04	(\$0.71)	(1.6%)
16	1,000	140,000	ST	380	\$92.01	\$90.34	(\$1.68)	(1.8%)
17	150	16,000	FL	65	\$26.72	\$26.43	(\$0.29)	(1.1%)
18	250	30,000	FL	102	\$34.86	\$34.41	(\$0.45)	(1.3%)
19	400	50,000	FL	161	\$46.26	\$45.55	(\$0.71)	(1.5%)
20	1,000	140,000	FL	380	\$92.39	\$90.72	(\$1.68)	(1.8%)
21	50	4,000	PB	23	\$16.44	\$16.33	(\$0.10)	(0.6%)
22	100	9,500	PB	48	\$20.90	\$20.69	(\$0.21)	(1.0%)
<u>Metal Halide:</u>								
23	175	8,800	ST	74	\$26.89	\$26.56	(\$0.33)	(1.2%)
24	1,000	86,000	FL	374	\$74.01	\$72.36	(\$1.65)	(2.2%)
<u>LED</u>								
25	35	3,000	AL	12	\$15.00	\$14.95	(\$0.05)	(0.4%)
26	47	4,000	AL	16	\$16.73	\$16.66	(\$0.07)	(0.4%)
27	30	3,300	ST	10	\$15.03	\$14.99	(\$0.04)	(0.3%)
28	50	5,000	ST	17	\$17.94	\$17.87	(\$0.07)	(0.4%)
29	100	11,000	ST	35	\$21.81	\$21.66	(\$0.15)	(0.7%)
30	120	18,000	ST	42	\$25.00	\$24.82	(\$0.19)	(0.7%)
31	140	18,000	ST	48	\$31.03	\$30.82	(\$0.21)	(0.7%)
32	260	31,000	ST	90	\$54.23	\$53.84	(\$0.40)	(0.7%)
33	70	10,000	FL	24	\$21.38	\$21.27	(\$0.11)	(0.5%)
34	90	10,000	FL	31	\$25.61	\$25.47	(\$0.14)	(0.5%)
35	110	15,000	FL	38	\$30.24	\$30.07	(\$0.17)	(0.6%)
36	370	46,000	FL	128	\$59.56	\$59.00	(\$0.56)	(0.9%)

**Luminaire Charges For Year Round Service:**

Rates - Effective June 1, 2022	Mercury Vapor Rate/Mo.	Sodium Vapor Rate/Mo.	Metal Halide Rate/Mo.	LED Rate/Mo.	
Customer Charge	\$0.00	1 \$13.73	11 \$13.73	23 \$17.25	25 \$13.44
		2 \$15.73	12 \$15.73	24 \$25.29	26 \$14.65
	<u>All kWh</u>	3 \$17.25	13 \$17.25		27 \$13.73
Distribution Charge	\$0.00000	4 \$17.25	14 \$19.53		28 \$15.73
External Delivery Charge	\$0.02978	5 \$24.78	15 \$24.78		29 \$17.25
Stranded Cost Charge	(\$0.00002)	6 \$18.25	16 \$42.51		30 \$19.53
Storm Recovery Adj. Factor	\$0.00000	7 \$21.57	17 \$18.25		31 \$24.78
System Benefits Charge	\$0.00681	8 \$25.29	18 \$21.57		32 \$42.51
Default Service Charge	<u>\$0.09370</u>	9 \$13.44	19 \$25.29		33 \$18.25
		10 \$14.65	20 \$42.89		34 \$21.57
<b>TOTAL</b>	<b>\$0.13027</b>		21 \$13.44		35 \$25.29
			22 \$14.65		36 \$42.89

Rates - Proposed August 1, 2022	Mercury Vapor Rate/Mo.	Sodium Vapor Rate/Mo.	Metal Halide Rate/Mo.	LED Rate/Mo.	
Customer Charge	\$0.00	1 \$13.73	11 \$13.73	23 \$17.25	25 \$13.44
		2 \$15.73	12 \$15.73	24 \$25.29	26 \$14.65
	<u>All kWh</u>	3 \$17.25	13 \$17.25		27 \$13.73
Distribution Charge	\$0.00000	4 \$17.25	14 \$19.53		28 \$15.73
External Delivery Charge	\$0.02533	5 \$24.78	15 \$24.78		29 \$17.25
Stranded Cost Charge	\$0.00002	6 \$18.25	16 \$42.51		30 \$19.53
Storm Recovery Adj. Factor	\$0.00000	7 \$21.57	17 \$18.25		31 \$24.78
System Benefits Charge	\$0.00681	8 \$25.29	18 \$21.57		32 \$42.51
Default Service Charge	<u>\$0.09370</u>	9 \$13.44	19 \$25.29		33 \$18.25
		10 \$14.65	20 \$42.89		34 \$21.57
<b>TOTAL</b>	<b>\$0.12586</b>		21 \$13.44		35 \$25.29
			22 \$14.65		36 \$42.89

Difference	Mercury Vapor Rate/Mo.	Sodium Vapor Rate/Mo.	Metal Halide Rate/Mo.	LED Rate/Mo.	
Customer Charge	\$0.00	1 \$0.00	11 \$0.00	23 \$0.00	25 \$0.00
		2 \$0.00	12 \$0.00	24 \$0.00	26 \$0.00
	<u>All kWh</u>	3 \$0.00	13 \$0.00		27 \$0.00
Distribution Charge	\$0.00000	4 \$0.00	14 \$0.00		28 \$0.00
External Delivery Charge	(\$0.00445)	5 \$0.00	15 \$0.00		29 \$0.00
Stranded Cost Charge	\$0.00004	6 \$0.00	16 \$0.00		30 \$0.00
Storm Recovery Adj. Factor	\$0.00000	7 \$0.00	17 \$0.00		31 \$0.00
System Benefits Charge	\$0.00000	8 \$0.00	18 \$0.00		32 \$0.00
Default Service Charge	<u>\$0.00000</u>	9 \$0.00	19 \$0.00		33 \$0.00
		10 \$0.00	20 \$0.00		34 \$0.00
<b>TOTAL</b>	<b>(\$0.00441)</b>		21 \$0.00		35 \$0.00
			22 \$0.00		36 \$0.00

\* Luminaire charges based on All-Night Service option.

**Unitil Energy Systems, Inc.**  
**Typical Bill Impacts - June 1, 2022 vs. August 1, 2022**  
**Due to Changes in the Stranded Cost Charge and External Delivery Charge**  
**Impact on Tariffed Customer Supplied LED Rate Customers**

	<b>Nominal Watts</b>	<b>Lumens</b>	<b>Type</b>	<b>Current Average Monthly kWh</b>	<b>Percentage of Lights</b>	<b>Total Bill Using Rates 6/1/2022</b>	<b>Total Bill Using Rates 8/1/2022</b>	<b>Total Difference</b>	<b>% Total Difference</b>
	<u>CS LED</u>								
1	35	3,000	AL	12	0.0%	\$8.56	\$8.51	(\$0.05)	-0.6%
2	47	4,000	AL	16	0.0%	\$10.29	\$10.22	(\$0.07)	-0.7%
3	30	3,300	ST	10	0.0%	\$11.01	\$10.97	(\$0.04)	-0.4%
4	50	5,000	ST	17	0.0%	\$14.13	\$14.06	(\$0.07)	-0.5%
5	100	11,000	ST	35	0.0%	\$17.04	\$16.89	(\$0.15)	-0.9%
6	120	18,000	ST	42	0.0%	\$20.23	\$20.05	(\$0.19)	-0.9%
7	140	18,000	ST	48	0.0%	\$24.08	\$23.87	(\$0.21)	-0.9%
8	260	31,000	ST	90	0.0%	\$45.28	\$44.89	(\$0.40)	-0.9%
9	70	10,000	FL	24	0.0%	\$14.37	\$14.26	(\$0.11)	-0.7%
10	90	10,000	FL	31	0.0%	\$18.60	\$18.46	(\$0.14)	-0.7%
11	110	15,000	FL	38	0.0%	\$22.31	\$22.14	(\$0.17)	-0.8%
12	370	46,000	FL	128	0.0%	\$43.67	\$43.11	(\$0.56)	-1.3%

**Rates - Effective June 1, 2022**

Customer Charge	<b>\$0.00</b>
	<u>All kWh</u>
Distribution Charge	\$0.00000
External Delivery Charge	\$0.02978
Stranded Cost Charge	(\$0.00002)
Storm Recovery Adj. Factor	\$0.00000
System Benefits Charge	\$0.00681
Fixed Default Service Charge	<u>\$0.09370</u>
<b>TOTAL</b>	<b>\$0.13027</b>

**Rates - Proposed August 1, 2022**

Customer Charge	<b>\$0.00</b>
	<u>All kWh</u>
Distribution Charge	\$0.00000
External Delivery Charge	\$0.02533
Stranded Cost Charge	\$0.00002
Storm Recovery Adj. Factor	\$0.00000
System Benefits Charge	\$0.00681
Fixed Default Service Charge	<u>\$0.09370</u>
<b>TOTAL</b>	<b>\$0.12586</b>

**Difference**

Customer Charge	<b>\$0.00</b>
	<u>All kWh</u>
Distribution Charge	\$0.00000
External Delivery Charge	(\$0.00445)
Stranded Cost Charge	\$0.00004
Storm Recovery Adj. Factor	\$0.00000
System Benefits Charge	\$0.00000
Fixed Default Service Charge	<u>\$0.00000</u>
<b>TOTAL</b>	<b>(\$0.00441)</b>

**Luminaire Charges:**

	<u>CS LED Rate/Mo.</u>
1	\$7.00
2	\$8.21
3	\$9.71
4	\$11.92
5	\$12.48
6	\$14.76
7	\$17.83
8	\$33.56
9	\$11.24
10	\$14.56
11	\$17.36
12	\$27.00

**Luminaire Charges:**

	<u>CS LED Rate/Mo.</u>
1	\$7.00
2	\$8.21
3	\$9.71
4	\$11.92
5	\$12.48
6	\$14.76
7	\$17.83
8	\$33.56
9	\$11.24
10	\$14.56
11	\$17.36
12	\$27.00

**Luminaire Charges:**

1	<b>\$0.00</b>
2	<b>\$0.00</b>
3	<b>\$0.00</b>
4	<b>\$0.00</b>
5	<b>\$0.00</b>
6	<b>\$0.00</b>
7	<b>\$0.00</b>
8	<b>\$0.00</b>
9	<b>\$0.00</b>
10	<b>\$0.00</b>
11	<b>\$0.00</b>
12	<b>\$0.00</b>