

UNITIL ENERGY SYSTEMS, INC.
CALCULATION OF THE STRANDED COST CHARGE
Effective August 1, 2020

Uniform per kWh Charge

1. (Over)/under Recovery - Beginning Balance August 1, 2020	(\$119,299)	Page 2 of 4
2. Estimated Total Costs (August 2020 - July 2021)	(\$147,563)	Page 2 of 4
3. Estimated Interest (August 2020 - July 2021)	<u>(\$3,241)</u>	Page 2 of 4
4. Costs to be Recovered (L.1 + L.2 + L.3)	(\$270,103)	
5. Estimated Calendar Month Deliveries in kWh (August 2020 - July 2021) (1)	<u>1,092,761,223</u>	
6. Stranded Cost Charge (\$/kWh) (L.4 / L.5)	<u>(\$0.00025)</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)	(\$0.00025)	
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Class G2 (2)

8. Estimated G2 Demand Revenue (August 2020- July 2021)	(\$58,426)	
9. Estimated G2 Deliveries in kW (August 2020 - July 2021)	<u>1,158,830</u>	
10. Stranded Cost Charge (\$/kW) (L. 8 / L. 9)	(\$0.05)	

11. G2 Energy Revenue (August 2020 - July 2021)	(\$14,760)	
12. Estimated G2 Calendar Month Deliveries in kWh (August 2020 - July 2021) (1)	<u>292,744,302</u>	
13. Stranded Cost Charge (\$/kWh) (L.11 / L.12)	(\$0.00005)	

Class G1 (2)

14. Estimated G1 Demand Revenue (August 2020 - July 2021)	(\$56,554)	
15. Estimated G1 Deliveries in kVA (August 2020 - July 2021)	<u>947,891</u>	
16. Stranded Cost Charge (\$/kVA) (L. 14 / L. 15)	(\$0.06)	

17. G1 Energy Revenue (August 2020 - July 2021)	(\$17,727)	
18. Estimated G1 Calendar Month Deliveries in kWh (August 2020 - July 2021) (1)	<u>297,124,979</u>	
19. Stranded Cost Charge (\$/kWh) (L.17 / L.18)	(\$0.00006)	

(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 2020-Jul 2021 Billed kWh	1,092,108,609	Aug 2020-Jul 2021 Billed kWh
- July 2020 Unbilled kWh	(50,718,656)	291,914,147
+ July 2021 Unbilled kWh	<u>51,371,269</u>	- July 2020 Unbilled kWh
Calendar Month Deliveries	1,092,761,223	(13,073,560)
		+ July 2021 Unbilled kWh
		<u>13,903,715</u>
		Calendar Month Deliveries
		292,744,302
		Aug 2020-Jul 2021 Billed kWh
		296,922,600
		- July 2020 Unbilled kWh
		(13,286,455)
		+ July 2021 Unbilled kWh
		<u>13,488,834</u>
		Calendar Month Deliveries
		297,124,979

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

Calculation of Class G2 and G1 Demand and Energy Components

	Units (Aug 20 - Jul 21)	Current Rates	Revenue under current rates	% of Total	Revenue at Proposed Rates
G2 kW	1,158,830	(\$0.02)	(\$23,177)	80%	(\$58,426)
G2 kWh	292,744,302	(\$0.00002)	<u>(\$5,855)</u>	<u>20%</u>	<u>(\$14,760)</u>
Total			(\$29,031)	100%	(\$73,186)
G1 kVA	947,891	(\$0.03)	(\$28,437)	76%	(\$56,554)
G1 kWh	297,124,979	(\$0.00003)	<u>(\$8,914)</u>	<u>24%</u>	<u>(\$17,727)</u>
Total			(\$37,350)	100%	(\$74,281)

		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)
		Beginning	Total Costs	Total Revenue	Ending Balance	Average	Interest	Number of	Computed	Ending Balance
		Balance			Before Interest	Monthly	Rate	Days /	Interest	with Interest
					(a + b - c)	Balance ((a+d)		Month		(d + h)
						/ 2)				
Aug-18	Actual	(\$443,894)	(\$48,231)	(\$108,552)	(\$383,573)	(\$413,733)	4.75%	31	(\$1,669)	(\$385,242)
Sep-18	Actual	(\$385,242)	(\$61,187)	(\$108,226)	(\$338,203)	(\$361,723)	4.75%	30	(\$1,412)	(\$339,615)
Oct-18	Actual	(\$339,615)	(\$68,359)	(\$95,002)	(\$312,972)	(\$326,294)	5.00%	31	(\$1,386)	(\$314,357)
Nov-18	Actual	(\$314,357)	(\$56,911)	(\$95,700)	(\$275,568)	(\$294,963)	5.00%	30	(\$1,212)	(\$276,780)
Dec-18	Actual	(\$276,780)	(\$56,163)	(\$104,160)	(\$228,784)	(\$252,782)	5.00%	31	(\$1,073)	(\$229,857)
Jan-19	Actual	(\$229,857)	(\$224)	(\$109,327)	(\$120,754)	(\$175,306)	5.25%	31	(\$782)	(\$121,536)
Feb-19	Actual	(\$121,536)	(\$45,784)	(\$97,286)	(\$70,034)	(\$95,785)	5.25%	28	(\$386)	(\$70,420)
Mar-19	Actual	(\$70,420)	(\$44,476)	(\$97,750)	(\$17,145)	(\$43,782)	5.25%	31	(\$195)	(\$17,340)
Apr-19	Actual	(\$17,340)	(\$49,781)	(\$87,468)	\$20,347	\$1,503	5.50%	30	\$7	\$20,354
May-19	Actual	\$20,354	(\$52,736)	(\$90,632)	\$58,250	\$39,302	5.50%	31	\$184	\$58,434
Jun-19	Actual	\$58,434	(\$23,365)	(\$98,225)	\$133,294	\$95,864	5.50%	30	\$433	\$133,727
Jul-19	Actual	\$133,727	<u>(\$32,201)</u>	<u>(\$117,669)</u>	\$219,195	\$176,461	5.50%	31	<u>\$824</u>	\$220,019
Total Aug-18 to Jul-19			(\$539,418)	(\$1,209,998)					(\$6,667)	

		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)
		Beginning	Total Costs	Total Revenue	Ending Balance	Average	Interest	Number of	Computed	Ending Balance
		Balance			Before Interest	Monthly	Rate	Days /	Interest	with Interest
					(a + b - c)	Balance ((a+d)		Month		(d + h)
						/ 2)				
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	Estimate	(\$71,333)	(\$40,292)	(\$11,390)	(\$100,235)	(\$85,784)	4.75%	30	(\$334)	(\$100,569)
Jul-20	Estimate	(\$100,569)	<u>(\$29,518)</u>	<u>(\$11,090)</u>	(\$118,997)	(\$109,783)	3.25%	31	<u>(\$302)</u>	(\$119,299)
Total Aug-19 to Jul-20			(\$485,633)	(\$144,280)					\$2,035	

		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)
		Beginning	Total Costs	Total Revenue	Ending Balance	Average	Interest	Number of	Computed	Ending Balance
		Balance			Before Interest	Monthly	Rate	Days /	Interest	with Interest
					(a + b - c)	Balance ((a+d)		Month		(d + h)
						/ 2)				
Aug-20	Estimate	(\$119,299)	(\$29,518)	(\$27,138)	(\$121,680)	(\$120,489)	3.25%	31	(\$332)	(\$122,011)
Sep-20	Estimate	(\$122,011)	(\$29,518)	(\$23,893)	(\$127,636)	(\$124,824)	3.25%	30	(\$333)	(\$127,969)
Oct-20	Estimate	(\$127,969)	(\$29,518)	(\$19,208)	(\$138,279)	(\$133,124)	3.25%	31	(\$366)	(\$138,646)
Nov-20	Estimate	(\$138,646)	(\$29,504)	(\$22,000)	(\$146,150)	(\$142,398)	3.25%	30	(\$379)	(\$146,529)
Dec-20	Estimate	(\$146,529)	(\$29,504)	(\$22,657)	(\$153,376)	(\$149,952)	3.25%	31	(\$413)	(\$153,789)
Jan-21	Estimate	(\$153,789)	\$0	(\$23,015)	(\$130,773)	(\$142,281)	3.25%	31	(\$393)	(\$131,166)
Feb-21	Estimate	(\$131,166)	\$0	(\$23,013)	(\$108,153)	(\$119,660)	3.25%	28	(\$298)	(\$108,452)
Mar-21	Estimate	(\$108,452)	\$0	(\$23,875)	(\$84,577)	(\$96,514)	3.25%	31	(\$266)	(\$84,843)
Apr-21	Estimate	(\$84,843)	\$0	(\$19,652)	(\$65,191)	(\$75,017)	3.25%	30	(\$200)	(\$65,391)
May-21	Estimate	(\$65,391)	\$0	(\$22,750)	(\$42,641)	(\$54,016)	3.25%	31	(\$149)	(\$42,790)
Jun-21	Estimate	(\$42,790)	\$0	(\$21,451)	(\$21,339)	(\$32,065)	3.25%	30	(\$86)	(\$21,425)
Jul-21	Estimate	(\$21,425)	<u>\$0</u>	<u>(\$24,339)</u>	\$2,914	(\$9,255)	3.25%	31	<u>(\$26)</u>	\$2,889
Total Aug-20 to Jul-21			(\$147,563)	(\$272,992)					(\$3,241)	

	(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-18	Actual	55,179,734	42.5%	23,437,437	(\$0.00101)	(\$23,672)	34,842,998	44.9%	15,644,610	(\$0.00021)	(\$3,285)	33,810,990	48.9%	16,533,152	(\$0.00025)	(\$4,133)	\$19,922	(\$97,383)	(\$108,552)
Sep-18	Actual	47,327,882	40.3%	19,075,860	(\$0.00101)	(\$19,267)	31,457,574	45.8%	14,393,092	(\$0.00021)	(\$3,023)	31,095,868	53.7%	16,689,264	(\$0.00025)	(\$4,172)	\$31,090	(\$112,855)	(\$108,226)
Oct-18	Actual	36,017,909	51.3%	18,490,289	(\$0.00101)	(\$18,675)	27,340,477	51.3%	14,035,610	(\$0.00021)	(\$2,947)	29,080,302	51.3%	14,928,773	(\$0.00025)	(\$3,732)	\$26,461	(\$96,109)	(\$95,002)
Nov-18	Actual	37,374,501	58.5%	21,862,926	(\$0.00101)	(\$22,082)	25,583,071	54.0%	13,810,022	(\$0.00021)	(\$2,900)	25,745,662	52.0%	13,400,046	(\$0.00025)	(\$3,350)	\$25,355	(\$92,723)	(\$95,700)
Dec-18	Actual	46,662,841	48.9%	22,841,095	(\$0.00101)	(\$23,070)	29,491,402	49.1%	14,492,439	(\$0.00021)	(\$3,043)	26,844,281	49.2%	13,215,844	(\$0.00025)	(\$3,304)	\$28,332	(\$103,074)	(\$104,160)
Jan-19	Actual	49,931,703	52.1%	26,000,645	(\$0.00101)	(\$26,261)	29,168,271	49.2%	14,359,218	(\$0.00021)	(\$3,015)	26,979,309	47.7%	12,865,368	(\$0.00025)	(\$3,216)	\$29,417	(\$106,252)	(\$109,327)
Feb-19	Actual	46,036,715	45.7%	21,051,168	(\$0.00101)	(\$21,262)	28,788,209	46.8%	13,470,664	(\$0.00021)	(\$2,829)	26,620,046	47.3%	12,593,260	(\$0.00025)	(\$3,148)	\$32,492	(\$102,540)	(\$97,286)
Mar-19	Actual	42,803,866	47.2%	20,112,432	(\$0.00101)	(\$20,314)	27,981,529	51.1%	14,288,512	(\$0.00021)	(\$3,001)	25,767,182	52.8%	13,807,881	(\$0.00025)	(\$3,402)	\$27,239	(\$98,273)	(\$97,750)
Apr-19	Actual	37,437,025	41.9%	15,678,549	(\$0.00101)	(\$15,835)	26,954,899	46.3%	12,476,440	(\$0.00021)	(\$2,620)	26,251,027	48.1%	12,616,574	(\$0.00025)	(\$3,154)	\$26,716	(\$92,575)	(\$87,468)
May-19	Actual	34,086,778	47.6%	16,229,179	(\$0.00101)	(\$16,391.47)	25,979,751	47.6%	12,369,313	(\$0.00021)	(\$2,597.56)	26,311,636	47.6%	12,527,328	(\$0.00025)	(\$3,132)	\$21,610	(\$90,120)	(\$90,632)
Jun-19	Actual	32,980,419	70.5%	23,262,900	(\$0.00101)	(\$23,496)	25,883,740	61.8%	16,001,966	(\$0.00021)	(\$3,360)	26,101,159	52.9%	13,817,212	(\$0.00025)	(\$3,454)	\$22,121	(\$90,036)	(\$88,225)
Jul-19	Actual	49,921,275	55.8%	27,544,831	(\$0.00101)	(\$27,820)	32,996,235	51.1%	16,866,204	(\$0.00021)	(\$3,542)	31,937,058	44.2%	14,120,480	(\$0.00025)	(\$3,530)	\$30,310	(\$113,087)	(\$117,669)
Total Aug-18 to Jul-19		514,960,648		255,587,312		(\$258,143)	346,468,156		172,208,090		(\$36,164)	336,544,520		166,915,183		(\$41,729)	\$321,065	(\$1,195,027)	(\$1,209,998)

	(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)	(\$26,454)
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%	12,926,860	(\$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%	11,420,662	(\$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	Estimate	39,968,681	59.4%	23,746,773	(\$0.00012)	(\$2,850)	24,309,897	52.9%	12,862,377	(\$0.00002)	(\$257)	25,408,771	46.9%	11,910,362	(\$0.00003)	(\$357)	\$2,794	(\$10,720)	(\$11,390)
Jul-20	Estimate	43,609,561	56.3%	24,562,402	(\$0.00012)	(\$2,947)	24,688,504	53.0%	13,073,560	(\$0.00002)	(\$261)	27,205,598	48.8%	13,286,455	(\$0.00003)	(\$399)	\$3,464	(\$10,946)	(\$11,090)
Total Aug-19 to Jul-20		499,269,422		253,897,638		(\$30,468)	315,681,466		158,235,754		(\$3,165)	318,813,713		159,429,262		(\$4,783)	\$69,700	(\$175,565)	(\$144,280)

	(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	Estimate	50,247,883	59.6%	29,964,206	(\$0.00025)	(\$7,491)	26,694,719	63.5%	16,954,207	(\$0.00005)	(\$848)	26,989,913	68.5%	18,490,961	(\$0.00006)	(\$1,109)	\$3,608	(\$21,297)	(\$27,138)
Sep-20	Estimate	48,397,269	42.5%	20,547,673	(\$0.00025)	(\$5,137)	27,522,015	47.6%	13,098,572	(\$0.00005)	(\$655)	27,466,271	53.2%	14,600,197	(\$0.00006)	(\$876)	\$9,448	(\$26,673)	(\$23,893)
Oct-20	Estimate	32,446,813	65.8%	21,333,951	(\$0.00025)	(\$5,333)	20,291,401	65.8%	13,341,703	(\$0.00005)	(\$667)	22,507,257	65.8%	14,798,640	(\$0.00006)	(\$888)	\$6,668	(\$18,987)	(\$19,208)
Nov-20	Estimate	35,459,833	77.1%	27,335,829	(\$0.00025)	(\$6,834)	20,811,863	72.0%	14,985,499	(\$0.00005)	(\$749)	22,778,679	69.7%	15,876,409	(\$0.00006)	(\$953)	\$6,888	(\$20,353)	(\$22,000)
Dec-20	Estimate	46,092,323	53.0%	24,407,070	(\$0.00025)	(\$6,102)	24,405,190	50.0%	12,192,966	(\$0.00005)	(\$610)	24,806,303	48.5%	12,027,298	(\$0.00005)	(\$722)	\$8,536	(\$23,760)	(\$22,657)
Jan-21	Estimate	47,973,565	50.6%	24,260,857	(\$0.00025)	(\$6,065)	24,141,967	49.2%	11,868,173	(\$0.00005)	(\$593)	23,191,865	48.3%	11,205,058	(\$0.00006)	(\$672)	\$7,433	(\$23,117)	(\$23,015)
Feb-21	Estimate	46,036,840	52.8%	24,302,168	(\$0.00025)	(\$6,076)	24,557,692	55.1%	13,538,640	(\$0.00005)	(\$677)	23,746,338	56.4%	13,393,585	(\$0.00006)	(\$804)	\$7,331	(\$22,787)	(\$23,013)
Mar-21	Estimate	44,907,506	48.1%	21,599,347	(\$0.00025)	(\$5,400)	26,820,806	50.1%	13,433,848	(\$0.00005)	(\$672)	26,215,509	51.0%	13,370,962	(\$0.00006)	(\$802)	\$7,556	(\$24,557)	(\$23,875)
Apr-21	Estimate	36,945,781	47.4%	17,509,728	(\$0.00025)	(\$4,377)	22,958,874	51.9%	11,906,887	(\$0.00005)	(\$595)	23,332,177	53.8%	12,563,480	(\$0.00006)	(\$754)	\$6,874	(\$20,799)	(\$19,652)
May-21	Estimate	34,086,256	72.4%	24,693,599	(\$0.00025)	(\$6,173)	22,555,149	72.4%	16,339,952	(\$0.00005)	(\$817)	23,453,191	72.4%	16,990,534	(\$0.00006)	(\$1,019)	\$5,727	(\$20,467)	(\$22,750)
Jun-21	Estimate	37,821,440	59.4%	22,471,023	(\$0.00025)	(\$5,618)	24,898,278	52.9%	13,173,690	(\$0.00005)	(\$659)	24,815,104	46.9%	11,632,800	(\$0.00006)	(\$698)	\$8,010	(\$22,486)	(\$21,451)
Jul-21	Estimate	42,856,352	56.3%	24,138,169	(\$0.00025)	(\$6,035)	26,256,194	53.0%	13,903,715	(\$0.00005)	(\$695)	27,619,994	48.8%	13,488,834	(\$0.00006)	(\$809)	\$6,974	(\$23,775)	(\$24,339)
Total Aug-20 to Jul-21		503,271,863		282,563,620		(\$70,641)	291,914,147		164,737,852		(\$8,237)	296,922,600		168,437,679		(\$10,106)	\$85,053	(\$269,060)	(\$272,992)

(1) Actual Per billing system.

(2) Detail of Unbilled Factors shown on page 4.

000037

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 i, Page 3)

	<u>Billed kWh</u>	<u>Direct Estimate of Unbilled kWh</u>	<u>Unbilled kWh / Billed kWh</u>		<u>Billed kWh</u>	<u>Direct Estimate of Unbilled kWh</u>	<u>Unbilled kWh / Billed kWh</u>		<u>Billed kWh</u>	<u>Direct Estimate of Unbilled kWh</u>	<u>Unbilled kWh / Billed kWh</u>
Aug-18	54,774,513	23,265,321	42.5%	Aug-18	35,248,219	15,826,556	44.9%	Aug-18	33,810,990	16,533,152	48.9%
Sep-18	46,973,380	18,932,975	40.3%	Sep-18	31,812,076	14,555,291	45.8%	Sep-18	31,095,868	16,689,264	53.7%
Oct-18	35,756,404	18,356,042	51.3%	Oct-18	27,601,982	14,169,857	51.3%	Oct-18	29,080,302	14,928,773	51.3%
Nov-18	36,999,730	21,643,696	58.5%	Nov-18	25,957,842	14,012,328	54.0%	Nov-18	25,745,662	13,400,046	52.0%
Dec-18	45,958,446	22,496,299	48.9%	Dec-18	30,195,797	14,838,587	49.1%	Dec-18	26,844,281	13,215,844	49.2%
Jan-19	49,238,737	25,639,801	52.1%	Jan-19	29,861,237	14,700,357	49.2%	Jan-19	26,979,309	12,865,368	47.7%
Feb-19	45,225,691	20,680,312	45.7%	Feb-19	29,599,233	13,850,160	46.8%	Feb-19	26,620,046	12,593,260	47.3%
Mar-19	41,910,688	19,785,197	47.2%	Mar-19	28,674,707	14,642,477	51.1%	Mar-19	25,767,182	13,607,881	52.8%
Apr-19	36,929,587	15,466,035	41.9%	Apr-19	27,462,337	12,711,315	46.3%	Apr-19	26,251,027	12,616,574	48.1%
May-19	33,757,853	16,072,574	47.6%	May-19	26,308,676	12,525,919	47.6%	May-19	26,311,636	12,527,328	47.6%
Jun-19	32,721,759	23,080,453	70.5%	Jun-19	26,142,400	16,161,876	61.8%	Jun-19	26,101,159	13,817,212	52.9%
Jul-19	48,988,556	27,359,015	55.8%	Jul-19	33,328,954	17,036,275	51.1%	Jul-19	31,937,058	14,120,480	44.2%
Aug-19	52,651,140	20,950,940	39.8%	Aug-19	34,399,113	14,668,555	42.6%	Aug-19	31,487,105	14,876,605	47.2%
Sep-19	37,138,760	18,847,142	50.7%	Sep-19	27,237,124	14,821,510	54.4%	Sep-19	26,550,095	15,651,181	58.9%
Oct-19	36,059,137	17,072,395	47.3%	Oct-19	27,848,901	13,185,214	47.3%	Oct-19	28,768,997	13,620,838	47.3%
Nov-19	34,058,655	21,467,236	63.0%	Nov-19	24,565,834	14,377,216	58.5%	Nov-19	25,181,926	14,261,014	56.6%
Dec-19	43,190,750	26,426,007	61.2%	Dec-19	27,353,550	16,074,705	58.8%	Dec-19	25,883,060	14,892,688	57.5%
Jan-20	48,536,803	25,889,372	53.3%	Jan-20	29,826,792	15,383,603	51.6%	Jan-20	27,162,976	13,733,614	50.6%
Feb-20	44,097,042	19,734,463	44.8%	Feb-20	29,351,410	13,617,000	46.4%	Feb-20	27,360,368	12,926,860	47.2%
Mar-20	42,435,178	16,980,367	40.0%	Mar-20	28,663,767	11,665,960	40.7%	Mar-20	27,375,056	11,236,663	41.0%
Apr-20	37,562,624	17,616,324	46.9%	Apr-20	21,423,175	10,114,388	47.2%	Apr-20	23,199,379	11,001,277	47.4%
May-20	35,489,133	18,380,874	51.8%	May-20	20,485,356	10,609,973	51.8%	May-20	23,230,381	12,031,703	51.8%

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UNITIL ENERGY SYSTEMS, INC.
CALCULATION OF THE EXTERNAL DELIVERY CHARGE
Effective August 1, 2020

	<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, 2020	\$4,645,717	\$4,401,031	\$244,686	Page 4 of 6
2. Estimated Total Costs (August 2020 - July 2021)	\$34,759,950	\$35,230,833	(\$470,883)	Page 4 of 6
3. Estimated Interest (August 2020 - July 2021)	<u>\$71,489</u>	<u>\$60,078</u>	<u>\$11,411</u>	Page 4 of 6
4. Costs to be Recovered (L.1 + L.2 + L.3)	\$39,477,156	\$39,691,942	(\$214,786)	L.1 + L.2 + L.3
5. Estimated Calendar Month Deliveries in kWh (August 2020 - July 2021) (1)	<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) Schedule LSM-2, page 5.

August 2020 - July 2021 Billed kWh	1,092,108,609
- July 2020 Unbilled kWh	(50,718,656)
+ July 2021 Unbilled kWh	<u>51,371,269</u>
Calendar Month Deliveries	1,092,761,223

000039

		(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-18	Actual	\$1,019,103	\$3,209,061	\$2,947,195	\$1,280,969	\$1,150,036	4.75%	31	\$4,640	\$1,285,608
Sep-18	Actual	\$1,285,608	\$2,673,993	\$2,608,522	\$1,351,080	\$1,318,344	4.75%	30	\$5,147	\$1,356,226
Oct-18	Actual	\$1,356,226	\$2,421,207	\$2,240,965	\$1,536,469	\$1,446,348	5.00%	31	\$6,142	\$1,542,611
Nov-18	Actual	\$1,542,611	\$2,077,001	\$2,255,729	\$1,363,882	\$1,453,247	5.00%	30	\$5,972	\$1,369,855
Dec-18	Actual	\$1,369,855	\$2,156,063	\$2,610,335	\$915,583	\$1,142,719	5.00%	31	\$4,853	\$920,436
Jan-19	Actual	\$920,436	\$2,402,743	\$2,716,131	\$607,048	\$763,742	5.25%	31	\$3,405	\$610,453
Feb-19	Actual	\$610,453	\$2,338,620	\$2,382,183	\$566,890	\$588,672	5.25%	28	\$2,371	\$569,261
Mar-19	Actual	\$569,261	\$2,260,609	\$2,429,668	\$400,203	\$484,732	5.25%	31	\$2,161	\$402,364
Apr-19	Actual	\$402,364	\$2,097,778	\$2,083,383	\$416,759	\$409,562	5.50%	30	\$1,851	\$418,611
May-19	Actual	\$418,611	\$2,134,251	\$2,166,024	\$386,838	\$402,724	5.50%	31	\$1,881	\$388,719
Jun-19	Actual	\$388,719	\$2,105,907	\$2,420,488	\$74,139	\$231,429	5.50%	30	\$1,046	\$75,185
Jul-19	Actual	\$75,185	<u>\$3,223,380</u>	<u>\$2,990,402</u>	\$308,163	\$191,674	5.50%	31	<u>\$895</u>	\$309,058
Total Aug-18 to Jul-19			\$29,100,614	\$29,851,024					\$40,365	

		(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-18	Actual	(\$932,008)(1)	\$192,957	(\$128,620)	(\$610,431)	(\$771,219)	4.75%	31	(\$3,111)	(\$613,542)
Sep-18	Actual	(\$613,542)	(\$294,236)	(\$113,846)	(\$793,932)	(\$703,737)	4.75%	30	(\$2,747)	(\$796,679)
Oct-18	Actual	(\$796,679)	\$45,458	(\$97,805)	(\$653,416)	(\$725,048)	5.00%	31	(\$3,079)	(\$656,495)
Nov-18	Actual	(\$656,495)	\$52,266	(\$98,447)	(\$505,783)	(\$581,139)	5.00%	30	(\$2,388)	(\$508,171)
Dec-18	Actual	(\$508,171)	\$59,806	(\$113,917)	(\$334,447)	(\$421,309)	5.00%	31	(\$1,789)	(\$336,236)
Jan-19	Actual	(\$336,236)	(\$324,598)	(\$118,539)	(\$542,296)	(\$439,266)	5.25%	31	(\$1,959)	(\$544,254)
Feb-19	Actual	(\$544,254)	\$46,866	(\$103,971)	(\$393,418)	(\$468,836)	5.25%	28	(\$1,888)	(\$395,306)
Mar-19	Actual	(\$395,306)	\$53,538	(\$106,055)	(\$235,714)	(\$315,510)	5.25%	31	(\$1,407)	(\$237,120)
Apr-19	Actual	(\$237,120)	(\$285,515)	(\$90,949)	(\$431,686)	(\$334,403)	5.50%	30	(\$1,512)	(\$433,198)
May-19	Actual	(\$433,198)	\$56,077	(\$94,561)	(\$282,559)	(\$357,878)	5.50%	31	(\$1,672)	(\$284,231)
Jun-19	Actual	(\$284,231)	\$53,482	(\$105,667)	(\$125,082)	(\$204,656)	5.50%	30	(\$925)	(\$126,007)
Jul-19	Actual	(\$126,007)	<u>(\$357,031)</u>	<u>(\$130,556)</u>	(\$352,482)	(\$239,244)	5.50%	31	<u>(\$1,118)</u>	(\$353,599)
Total Aug-18 to Jul-19			(\$700,930)	(\$1,302,934)					(\$23,595)	

		(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-18	Actual	\$87,096 (1)	\$3,402,017	\$2,818,575	\$670,538	\$378,817	4.75%	31	\$1,528	\$672,066
Sep-18	Actual	\$672,066	\$2,379,758	\$2,494,676	\$557,148	\$614,607	4.75%	30	\$2,399	\$559,547
Oct-18	Actual	\$559,547	\$2,466,665	\$2,143,159	\$883,053	\$721,300	5.00%	31	\$3,063	\$886,116
Nov-18	Actual	\$886,116	\$2,129,266	\$2,157,283	\$858,100	\$872,108	5.00%	30	\$3,584	\$861,684
Dec-18	Actual	\$861,684	\$2,215,870	\$2,496,418	\$581,136	\$721,410	5.00%	31	\$3,064	\$584,199
Jan-19	Actual	\$584,199	\$2,078,145	\$2,597,592	\$64,752	\$324,476	5.25%	31	\$1,447	\$66,199
Feb-19	Actual	\$66,199	\$2,385,486	\$2,278,212	\$173,473	\$119,836	5.25%	28	\$483	\$173,955
Mar-19	Actual	\$173,955	\$2,314,147	\$2,323,613	\$164,489	\$169,222	5.25%	31	\$755	\$165,244
Apr-19	Actual	\$165,244	\$1,812,263	\$1,992,433	(\$14,927)	\$75,158	5.50%	30	\$340	(\$14,587)
May-19	Actual	(\$14,587)	\$2,190,328	\$2,071,462	\$104,279	\$44,846	5.50%	31	\$209	\$104,488
Jun-19	Actual	\$104,488	\$2,159,389	\$2,314,821	(\$50,943)	\$26,773	5.50%	30	\$121	(\$50,822)
Jul-19	Actual	(\$50,822)	<u>\$2,866,350</u>	<u>\$2,859,846</u>	(\$44,319)	(\$47,570)	5.50%	31	<u>(\$222)</u>	(\$44,541)
Total Aug-18 to Jul-19			\$28,399,684	\$28,548,091					\$16,770	

(1) In accordance with DE 18-096, balances associated with Hurricane Sandy and Hurricane Irene/Snowtober, totaling \$63,670, have been moved for final reconciliation through the External Delivery Charge.

		(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-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	Estimate	\$135,804	\$5,713,007	\$2,520,512	\$3,328,299	\$1,732,052	4.75%	30	\$6,744	\$3,335,042
Jul-20	Estimate	\$3,335,042	<u>\$3,621,397</u>	<u>\$2,566,042</u>	\$4,390,398	\$3,862,720	3.25%	31	<u>\$10,633</u>	\$4,401,031
Total Aug-19 to Jul-20			\$33,475,170	\$29,395,073					\$11,876	

		(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-19	Actual	(\$840,856)(1)	\$301,016	(\$119,726)	(\$420,114)	(\$630,485)	5.50%	31	(\$9,763)(2)	(\$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)	(\$332,083)	(\$412,245)	5.25%	30	(\$1,779)	(\$333,861)
Dec-19	Actual	(\$333,861)	\$61,001	(\$112,061)	(\$160,800)	(\$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	Estimate	\$239,466 (3)	\$79,279	(\$104,297)	\$423,041	\$331,254	4.75%	30	\$1,290	\$424,331
Jul-20	Estimate	\$424,331	<u>(\$286,745)</u>	<u>(\$106,181)</u>	\$243,767	\$334,049	3.25%	31	<u>\$920</u>	\$244,686
Total Aug-19 to Jul-20			(\$452,269)	(\$1,217,158)					(\$16,636)	

		(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-19	Actual	(\$531,798)(1)	\$3,363,429	\$2,771,878	\$59,754	(\$236,022)	5.50%	31	(\$7,920)(2)	\$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)	\$15,095	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	Estimate	\$375,270 (3)	\$5,792,285	\$2,416,215	\$3,751,340	\$2,063,305	4.75%	30	\$8,033	\$3,759,374
Jul-20	Estimate	\$3,759,374	<u>\$3,334,651</u>	<u>\$2,459,861</u>	\$4,634,164	\$4,196,769	3.25%	31	<u>\$11,553</u>	\$4,645,717
Total Aug-19 to Jul-20			\$33,022,901	\$28,177,915					(\$4,760)	

(1) Includes VMP/REP reconciliation of (\$487,257), approved DE 19-111 on July 31, 2019 for effect May 1, 2019.
 (2) Includes interest adjustment of (\$6,817.81) related to VMP/REP balance.
 (3) Estimate includes VMP/REP reconciliation of \$337,289, as filed in DE 20-027 on March 5, 2020.

		(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	Estimate	\$4,401,031	\$3,539,678	\$4,325,652	\$3,615,057	\$4,008,044	3.25%	31	\$11,033	\$3,626,090
Sep-20	Estimate	\$3,626,090	\$3,131,653	\$3,140,054	\$3,617,689	\$3,621,890	3.25%	30	\$9,648	\$3,627,338
Oct-20	Estimate	\$3,627,338	\$2,496,449	\$2,751,807	\$3,371,980	\$3,499,659	3.25%	31	\$9,634	\$3,381,614
Nov-20	Estimate	\$3,381,614	\$2,637,256	\$3,180,986	\$2,837,883	\$3,109,748	3.25%	30	\$8,284	\$2,846,167
Dec-20	Estimate	\$2,846,167	\$2,913,368	\$3,114,919	\$2,644,616	\$2,745,392	3.25%	31	\$7,557	\$2,652,174
Jan-21	Estimate	\$2,652,174	\$2,923,151	\$3,418,315	\$2,157,009	\$2,404,592	3.25%	31	\$6,637	\$2,163,647
Feb-21	Estimate	\$2,163,647	\$2,794,554	\$3,573,505	\$1,384,695	\$1,774,171	3.25%	28	\$4,423	\$1,389,119
Mar-21	Estimate	\$1,389,119	\$2,638,593	\$3,454,309	\$573,403	\$981,261	3.25%	31	\$2,709	\$576,111
Apr-21	Estimate	\$576,111	\$2,425,056	\$2,791,842	\$209,325	\$392,718	3.25%	30	\$1,049	\$210,374
May-21	Estimate	\$210,374	\$2,775,770	\$3,486,737	(\$500,593)	(\$145,110)	3.25%	31	(\$401)	(\$500,994)
Jun-21	Estimate	(\$500,994)	\$3,333,641	\$2,770,036	\$62,610	(\$219,192)	3.25%	30	(\$586)	\$62,025
Jul-21	Estimate	\$62,025	<u>\$3,621,664</u>	<u>\$3,680,924</u>	\$2,765	\$32,395	3.25%	31	<u>\$89</u>	\$2,854
Total Aug-20 to Jul-21			\$35,230,833	\$39,689,088					\$60,078	

		(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	Estimate	\$244,686	\$306,447	(\$22,629)	\$573,762	\$409,224	3.25%	31	\$1,126	\$574,888
Sep-20	Estimate	\$574,888	\$63,359	(\$16,426)	\$654,674	\$614,781	3.25%	30	\$1,638	\$656,312
Oct-20	Estimate	\$656,312	(\$311,641)	(\$14,395)	\$359,067	\$507,689	3.25%	31	\$1,398	\$360,464
Nov-20	Estimate	\$360,464	\$63,359	(\$16,641)	\$440,464	\$400,464	3.25%	30	\$1,067	\$441,531
Dec-20	Estimate	\$441,531	\$68,359	(\$16,295)	\$526,185	\$483,858	3.25%	31	\$1,332	\$527,517
Jan-21	Estimate	\$527,517	(\$311,696)	(\$17,882)	\$233,704	\$380,611	3.25%	31	\$1,051	\$234,754
Feb-21	Estimate	\$234,754	\$68,406	(\$18,694)	\$321,855	\$278,305	3.25%	28	\$694	\$322,549
Mar-21	Estimate	\$322,549	\$66,304	(\$18,070)	\$406,924	\$364,736	3.25%	31	\$1,007	\$407,930
Apr-21	Estimate	\$407,930	(\$311,696)	(\$14,605)	\$110,840	\$259,385	3.25%	30	\$693	\$111,532
May-21	Estimate	\$111,532	\$63,304	(\$18,240)	\$193,077	\$152,305	3.25%	31	\$420	\$193,497
Jun-21	Estimate	\$193,497	\$63,304	(\$14,491)	\$271,293	\$232,395	3.25%	30	\$621	\$271,913
Jul-21	Estimate	\$271,913	<u>(\$298,696)</u>	<u>(\$19,256)</u>	(\$7,526)	\$132,193	3.25%	31	<u>\$365</u>	(\$7,161)
Total Aug-20 to Jul-21			(\$470,883)	(\$207,625)					\$11,411	

		(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	Estimate	\$4,645,717	\$3,846,125	\$4,303,023	\$4,188,818	\$4,417,268	3.25%	31	\$12,160	\$4,200,978
Sep-20	Estimate	\$4,200,978	\$3,195,012	\$3,123,627	\$4,272,363	\$4,236,671	3.25%	30	\$11,286	\$4,283,650
Oct-20	Estimate	\$4,283,650	\$2,184,809	\$2,737,412	\$3,731,047	\$4,007,348	3.25%	31	\$11,031	\$3,742,078
Nov-20	Estimate	\$3,742,078	\$2,700,615	\$3,164,346	\$3,278,347	\$3,510,213	3.25%	30	\$9,351	\$3,287,698
Dec-20	Estimate	\$3,287,698	\$2,981,727	\$3,098,624	\$3,170,802	\$3,229,250	3.25%	31	\$8,889	\$3,179,691
Jan-21	Estimate	\$3,179,691	\$2,611,455	\$3,400,433	\$2,390,713	\$2,785,202	3.25%	31	\$7,688	\$2,398,401
Feb-21	Estimate	\$2,398,401	\$2,862,961	\$3,554,811	\$1,706,550	\$2,052,476	3.25%	28	\$5,117	\$1,711,667
Mar-21	Estimate	\$1,711,667	\$2,704,898	\$3,436,239	\$980,326	\$1,345,997	3.25%	31	\$3,715	\$984,042
Apr-21	Estimate	\$984,042	\$2,113,360	\$2,777,238	\$320,164	\$652,103	3.25%	30	\$1,742	\$321,906
May-21	Estimate	\$321,906	\$2,839,075	\$3,468,497	(\$307,516)	\$7,195	3.25%	31	\$20	(\$307,497)
Jun-21	Estimate	(\$307,497)	\$3,396,945	\$2,755,545	\$333,903	\$13,203	3.25%	30	\$35	\$333,938
Jul-21	Estimate	\$333,938	<u>\$3,322,969</u>	<u>\$3,661,668</u>	(\$4,761)	\$164,588	3.25%	31	<u>\$454</u>	(\$4,307)
Total Aug-20 to Jul-21			\$34,759,950	\$39,481,463					\$71,489	

		(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 (1)	Total Revenue (e + f + g)	EDC Revenue Allocated to Transmission Only (3)	EDC Revenue Allocated to Non-Transmission (4)
Aug-18	Actual	123,833,722	44.9%	55,625,028	\$0.02389	\$1,328,882	(\$1,608,164)	\$3,097,857	\$2,818,575	\$2,947,195	(\$128,620)
Sep-18	Actual	109,881,324	45.7%	50,177,530	\$0.02389	\$1,198,741	(\$1,328,882)	\$2,624,817	\$2,494,676	\$2,608,522	(\$113,846)
Oct-18	Actual	92,438,688	51.3%	47,454,672	\$0.02389	\$1,133,692	(\$1,198,741)	\$2,208,208	\$2,143,159	\$2,240,965	(\$97,805)
Nov-18	Actual	88,703,234	55.3%	49,056,070	\$0.02389	\$1,171,950	(\$1,133,692)	\$2,119,025	\$2,157,283	\$2,255,729	(\$98,447)
Dec-18	Actual	102,998,524	49.1%	50,550,731	\$0.02389	\$1,207,657	(\$1,171,950)	\$2,460,710	\$2,496,418	\$2,610,335	(\$113,917)
Jan-19	Actual	106,079,283	50.2%	53,205,526	\$0.02389	\$1,271,080	(\$1,207,657)	\$2,534,169	\$2,597,592	\$2,716,131	(\$118,539)
Feb-19	Actual	101,444,970	46.5%	47,123,732	\$0.02389	\$1,125,786	(\$1,271,080)	\$2,423,506	\$2,278,212	\$2,382,183	(\$103,971)
Mar-19	Actual	96,352,577	49.9%	48,035,555	\$0.02389	\$1,147,569	(\$1,125,786)	\$2,301,830	\$2,323,613	\$2,429,668	(\$106,055)
Apr-19	Actual	90,642,951	45.0%	40,793,923	\$0.02389	\$974,567	(\$1,147,569)	\$2,165,436	\$1,992,433	\$2,083,383	(\$90,949)
May-19	Actual	86,378,165	47.6%	41,125,821	\$0.02389	\$982,496	(\$974,567)	\$2,063,533	\$2,071,462	\$2,166,024	(\$94,561)
Jun-19	Actual	84,965,318	62.4%	53,059,541	\$0.02389	\$1,267,592	(\$982,496)	\$2,029,724	\$2,314,821	\$2,420,488	(\$105,667)
Jul-19	Actual	<u>114,254,568</u>	51.2%	<u>58,515,771</u>	\$0.02389	<u>\$1,397,942</u>	<u>(\$1,267,592)</u>	<u>\$2,729,497</u>	<u>\$2,859,846</u>	<u>\$2,990,402</u>	<u>(\$130,556)</u>
Total Aug-18 to Jul-19		1,197,973,324		594,723,899		\$14,207,954	(\$14,418,176)	\$28,758,312	\$28,548,091	\$29,851,024	(\$1,302,934)

		(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%	55,006,589	\$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	Estimate	89,687,349	53.4%	47,906,550	\$0.02502	\$1,198,622	(\$1,026,384)	\$2,243,977	\$2,416,215	\$2,520,512	(\$104,297)
Jul-20	Estimate	<u>95,503,664</u>	53.1%	<u>50,718,656</u>	\$0.02502	<u>\$1,268,981</u>	<u>(\$1,198,622)</u>	<u>\$2,389,502</u>	<u>\$2,459,861</u>	<u>\$2,566,042</u>	<u>(\$106,181)</u>
Total Aug-19 to Jul-20		1,133,764,600		570,740,895		\$14,279,937	(\$14,408,898)	\$28,306,876	\$28,177,915	\$29,395,073	(\$1,217,158)

		(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	Estimate	103,932,515	63.4%	65,884,484	\$0.03613	\$2,380,406	(\$1,268,981)	\$3,191,598	\$4,303,023	\$4,325,652	(\$22,629)
Sep-20	Estimate	103,385,555	47.4%	48,954,148	\$0.03613	\$1,768,713	(\$2,380,406)	\$3,735,320	\$3,123,627	\$3,140,054	(\$16,426)
Oct-20	Estimate	75,245,470	65.8%	49,474,294	\$0.03613	\$1,787,506	(\$1,768,713)	\$2,718,619	\$2,737,412	\$2,751,807	(\$14,395)
Nov-20	Estimate	79,050,376	73.4%	58,006,138	\$0.03613	\$2,095,762	(\$1,787,506)	\$2,856,090	\$3,164,346	\$3,180,986	(\$16,641)
Dec-20	Estimate	95,303,816	50.9%	48,465,505	\$0.03613	\$1,751,059	(\$2,095,762)	\$3,443,327	\$3,098,624	\$3,114,919	(\$16,295)
Jan-21	Estimate	95,307,397	49.6%	47,274,710	\$0.03613	\$1,708,035	(\$1,751,059)	\$3,443,456	\$3,400,433	\$3,418,315	(\$17,882)
Feb-21	Estimate	94,340,871	54.4%	51,323,307	\$0.03613	\$1,854,311	(\$1,708,035)	\$3,408,536	\$3,554,811	\$3,573,505	(\$18,694)
Mar-21	Estimate	97,943,820	49.5%	48,487,123	\$0.03613	\$1,751,840	(\$1,854,311)	\$3,538,710	\$3,436,239	\$3,454,309	(\$18,070)
Apr-21	Estimate	83,236,832	50.6%	42,118,201	\$0.03613	\$1,521,731	(\$1,751,840)	\$3,007,347	\$2,777,238	\$2,791,842	(\$14,605)
May-21	Estimate	80,094,596	72.4%	58,024,085	\$0.03613	\$2,096,410	(\$1,521,731)	\$2,893,818	\$3,468,497	\$3,486,737	(\$18,240)
Jun-21	Estimate	87,534,821	53.4%	46,756,775	\$0.03613	\$1,689,322	(\$2,096,410)	\$3,162,633	\$2,755,545	\$2,770,036	(\$14,491)
Jul-21	Estimate	<u>96,732,541</u>	53.1%	<u>51,371,269</u>	\$0.03613	<u>\$1,856,044</u>	<u>(\$1,689,322)</u>	<u>\$3,494,947</u>	<u>\$3,661,668</u>	<u>\$3,680,924</u>	<u>(\$19,256)</u>
Total Aug-20 to Jul-21		1,092,108,609		616,140,041		\$22,261,140	(\$21,674,076)	\$38,894,400	\$39,481,463	\$39,689,088	(\$207,625)

(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).

000043

	Billed kWh	Direct Estimate of Unbilled kWh	Unbilled kWh / Billed kWh
Aug-18	123,833,722	55,625,028	44.9%
Sep-18	109,881,324	50,177,530	45.7%
Oct-18	92,438,688	47,454,672	51.3%
Nov-18	88,703,234	49,056,070	55.3%
Dec-18	102,998,524	50,550,731	49.1%
Jan-19	106,079,283	53,205,526	50.2%
Feb-19	101,444,970	47,123,732	46.5%
Mar-19	96,352,577	48,035,555	49.9%
Apr-19	90,642,951	40,793,923	45.0%
May-19	86,378,165	41,125,821	47.6%
Jun-19	84,965,318	53,059,541	62.4%
Jul-19	114,254,568	58,515,771	51.2%
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%

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	Transmission	Total	Stranded Cost Charge**	Storm Recovery Adjustment Factor***	System Benefits Charge**** (1)	Total Delivery Charges
			External Delivery Charge**	External Delivery Charge**	External Delivery Charge**				
D	Customer Charge	\$16.22							\$16.22
	All kWh	\$0.03558	(\$0.00019) (\$0.00108)	\$0.03632 \$0.02610	\$0.03613 \$0.02502	(\$0.00025) (\$0.00012)	\$0.00084	\$0.00752	\$0.07982 \$0.06884
G2	Customer Charge	\$29.19							\$29.19
	All kW	\$10.51				(\$0.05) (\$0.02)			\$10.46 \$10.49
	All kWh	\$0.00000	(\$0.00019) (\$0.00108)	\$0.03632 \$0.02610	\$0.03613 \$0.02502	(\$0.00005) (\$0.00002)	\$0.00084	\$0.00752	\$0.04444 \$0.03336
G2 - kWh meter	Customer Charge	\$18.38							\$18.38
	All kWh	\$0.00883	(\$0.00019) (\$0.00108)	\$0.03632 \$0.02610	\$0.03613 \$0.02502	(\$0.00025) (\$0.00012)	\$0.00084	\$0.00752	\$0.05307 \$0.04209
G2 - Quick Recovery Water Heat and/or Space Heat	Customer Charge	\$9.73							\$9.73
	All kWh	\$0.03204	(\$0.00019) (\$0.00108)	\$0.03632 \$0.02610	\$0.03613 \$0.02502	(\$0.00025) (\$0.00012)	\$0.00084	\$0.00752	\$0.07628 \$0.06530
G1	Customer Charge	\$162.18	Secondary Voltage						\$162.18
	Customer Charge	\$86.49	Primary Voltage						\$86.49
	All kVA	\$7.60				(\$0.06) (\$0.03)			\$7.54 \$7.57
	All kWh	\$0.00000	(\$0.00019) (\$0.00108)	\$0.03632 \$0.02610	\$0.03613 \$0.02502	(\$0.00006) (\$0.00003)	\$0.00084	\$0.00752	\$0.04443 \$0.03335
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. 26,236 in Case No. DE 19-043, dated April 22, 2019

** Authorized by NHPUC Order No. 26,278 in Case No. DE 19-111, dated July 31, 2019

*** Authorized by NHPUC Order No. 26,236 in Case No. DE 19-043, dated April 22, 2019

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

Issued: June 17~~January 15~~, 2020
Effective: August~~January~~ 1, 2020

Issued By: Laurence M. Brock~~Christine Vaughan~~
Sr. Vice President

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****	Total Delivery Charges
		External Delivery Charge**	External Delivery Charge**					
OL		(\$0.00019)	\$0.03632	\$0.03613			(1)	\$0.04424
All kWh	\$0.00000	(\$0.00108)	\$0.02610	\$0.02502	(\$0.00012)	\$0.00084	\$0.00752	\$0.03326

Luminaire Charges

Lamp Size Nominal Watts	Lumens (Approx.)	All-Night Service Monthly kWh	Midnight Service Monthly kWh	Description	Price Per Luminaire Per Mo.	Per Year
100	3,500	43	20	Mercury Vapor Street	\$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. 26,236 in Case No. DE 19-043, dated April 22, 2019

** Authorized by NHPUC Order No. ~~26,278~~ in Case No. DE ~~19-111~~, dated ~~July 31, 2019~~

*** Authorized by NHPUC Order No. 26,236 in Case No. DE 19-043, dated April 22, 2019

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

Issued: June 17 ~~January 15, 2020~~
Effective: August ~~January 1, 2020~~

Issued By: Laurence M. Brock ~~Christine Vaughan~~
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 Delivery Only; Excludes Supply	LI-EAP discount Fixed Default Service Supply Only	LI-EAP discount Variable Default Service Supply Only									
				Jun 2020-Nov 2020 (1)	Aug 2020-Nov 2020 (1)	Aug-Jun 2020-Nov 2020 (2)	Jun-20 (3)	Jul-20 (3)	Aug-20 (3)	Sep-20 (3)	Oct-20 (3)	Nov-20 (3)				
1 (4)	N/A	N/A														
2	151 (FPG) - 60 (SMI)	8%	Customer Charge	(\$1.30)	(\$1.30)											
			First 750 kWh	(\$0.00551)	(\$0.00639)	(\$0.00559)	(\$0.00544)	(\$0.00526)	(\$0.00528)	(\$0.00564)	(\$0.00583)	(\$0.00632)				
			Excess 750 kWh	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000
3	126 (FPG) - 150 (FPG)	22%	Customer Charge	(\$3.57)	(\$3.57)											
			First 750 kWh	(\$0.01514)	(\$0.01756)	(\$0.01537)	(\$0.01497)	(\$0.01446)	(\$0.01451)	(\$0.01551)	(\$0.01602)	(\$0.01738)				
			Excess 750 kWh	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000
4	101 (FPG) - 125 (FPG)	36%	Customer Charge	(\$5.84)	(\$5.84)											
			First 750 kWh	(\$0.02478)	(\$0.02874)	(\$0.02515)	(\$0.02450)	(\$0.02366)	(\$0.02374)	(\$0.02537)	(\$0.02622)	(\$0.02844)				
			Excess 750 kWh	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000
5	76 (FPG) - 100 (FPG)	52%	Customer Charge	(\$8.43)	(\$8.43)											
			First 750 kWh	(\$0.03580)	(\$0.04151)	(\$0.03633)	(\$0.03539)	(\$0.03417)	(\$0.03429)	(\$0.03665)	(\$0.03788)	(\$0.04108)				
			Excess 750 kWh	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000
6	0 - 75 (FPG)	76%	Customer Charge	(\$12.33)	(\$12.33)											
			First 750 kWh	(\$0.05232)	(\$0.06066)	(\$0.05310)	(\$0.05173)	(\$0.04994)	(\$0.05012)	(\$0.05356)	(\$0.05536)	(\$0.06004)				
			Excess 750 kWh	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000

(1) Discount calculated using total utility charges from Page 4 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. 26,347 in Case No. DE 20-039, dated April 10, 2020

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

Twenty-Third~~Second~~ Revised Page 65
Superseding~~Issued in Lieu of~~ Twenty-Second~~First~~ Revised Page 65

CALCULATION OF THE STRANDED COST CHARGE

Uniform per kWh Charge

1. (Over)/under Recovery - Beginning Balance August 1, 2020 19	\$213,364	(\$119,299)
2. Estimated Total Costs (August 2020 19 - July 2021 0)	(\$355,232)	(\$147,563)
3. Estimated Interest (August 2020 19 - July 2021 0)	<u>\$5,607</u>	<u>(\$3,241)</u>
4. Costs to be Recovered (L.1 + L.2 + L.3)	(\$136,261)	(\$270,103)
5. Estimated Calendar Month Deliveries in kWh (August 2020 19 - July 2021 0)	<u>1,176,895,402</u>	<u>1,092,761,223</u>
6. Stranded Cost Charge (\$/kWh) (L.4 / L.5)	(\$0.00012)	(\$0.00025)

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)	(\$0.00012)	(\$0.00025)
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Class G2 (1)

8. Estimated G2 Demand Revenue (August 2020 19 - July 2021 0)	(\$32,672)	(\$58,426)
9. Estimated G2 Deliveries in kW (August 2020 19 - July 2021 0)	<u>1,352,603</u>	<u>1,158,830</u>
10. Stranded Cost Charge (\$/kW) (L. 8 / L. 9)	(\$0.02)	(\$0.05)
11. G2 Energy Revenue (August 2020 19 - July 2021 0)	(\$8,234)	(\$14,760)
12. Estimated G2 Calendar Month Deliveries in kWh (August 2020 19 - July 2021 0)	<u>340,886,156</u>	<u>292,744,302</u>
13. Stranded Cost Charge (\$/kWh) (L.11 / L.12)	(\$0.00002)	(\$0.00005)

Class G1 (1)

14. Estimated G1 Demand Revenue (August 2020 19 - July 2021 0)	(\$30,756)	(\$56,554)
15. Estimated G1 Deliveries in kVA (August 2020 19 - July 2021 0)	<u>1,073,920</u>	<u>947,891</u>
16. Stranded Cost Charge (\$/kVA) (L. 14 / L. 15)	(\$0.03)	(\$0.06)
17. G1 Energy Revenue (August 2020 19 - July 2021 0)	(\$9,641)	(\$17,727)
18. Estimated G1 Calendar Month Deliveries in kWh (August 2020 19 - July 2021 0)	<u>336,638,533</u>	<u>297,124,979</u>
19. Stranded Cost Charge (\$/kWh) (L.17 / L.18)	(\$0.00003)	(\$0.00006)

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

Authorized by NHPUC Order No. ~~26,278~~ in Case No. DE ~~19-111~~, dated ~~July 31, 2019~~

Issued: June 17, 2020~~August 2, 2019~~
Effective: August 1, 2020~~19~~

Issued By: Laurence M. Brock~~Christine Vaughan~~
Sr. Vice President

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

Twenty-Fifth Fourth Revised Page 67
Superseding Issued in Lieu of Twenty-Fourth Third 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, 2019	(\$151,031)	\$607,190	(\$758,221)
2- Estimated Total Costs (August 2019 - July 2020)	\$29,592,044	\$30,092,000	(\$499,956)
3- Estimated Interest (August 2019 - July 2020)	\$10,350	<u>\$20,258</u>	(\$9,909)
4- Costs to be Recovered (L.1 + L.2 + L.3)	\$29,451,363	\$30,719,449	(\$1,268,086)
5- Estimated Calendar Month Deliveries in kWh (August 2019 - July 2020)	1,176,895,402	<u>1,176,895,402</u>	<u>1,176,895,402</u>
6- External Delivery Charge (\$/kWh) (L. 4 / L. 5)	\$0.02502	\$0.02610	(\$0.00108)
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)

Authorized by NHPUC Order No. ~~26,278~~ in Case No. ~~DE 19-111~~, dated ~~July 31, 2019~~

Issued: June 17, 2020 ~~August 2, 2019~~
Effective: August 1, 2020 ~~2019~~

Issued By: Laurence M. Brock ~~Christine Vaughan~~
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.

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. 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. ~~26,160~~ in Case No. DE ~~20-18-096~~, dated ~~July 20, 2018~~

Issued: ~~June 17, 2020~~ July 31, 2018
Effective: August 1, 2020~~18~~

Issued by: ~~Mark H. Collin~~ Laurence M. Brock
Sr. Vice President

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

Residential Rate D 650 kWh Bill

	6/1/2020	8/1/2020					%
<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	\$16.22	\$16.22	\$0.00	\$16.22	\$16.22	\$0.00	0.0%
	<u>\$/kWh</u>	<u>\$/kWh</u>					
Distribution Charge	\$0.03558	\$0.03558	\$0.00000	\$23.13	\$23.13	\$0.00	0.0%
External Delivery Charge	\$0.02502	\$0.03613	\$0.01111	\$16.26	\$23.48	\$7.22	6.8%
Stranded Cost Charge	(\$0.00012)	(\$0.00025)	(\$0.00013)	(\$0.08)	(\$0.16)	(\$0.08)	(0.1%)
Storm Recovery Adj.	\$0.00084	\$0.00084	\$0.00000	\$0.55	\$0.55	\$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>\$0.06987</u>	<u>\$0.06987</u>	<u>\$0.00000</u>	<u>\$45.42</u>	<u>\$45.42</u>	<u>\$0.00</u>	<u>0.0%</u>
Total kWh Charges	\$0.13871	\$0.14969	\$0.01098				
Total Bill				\$106.38	\$113.52	\$7.14	6.7%

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

	6/1/2020	8/1/2020					%
<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	\$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>(\$0.02)</u>	<u>(\$0.05)</u>	<u>(\$0.03)</u>	<u>(\$0.22)</u>	<u>(\$0.55)</u>	<u>(\$0.33)</u>	<u>(0.1%)</u>
Total kW Charges	\$10.49	\$10.46	(\$0.03)	\$115.39	\$115.06	(\$0.33)	(0.1%)
	<u>\$/kWh</u>	<u>\$/kWh</u>					
Distribution Charge	\$0.00000	\$0.00000	\$0.00000	\$0.00	\$0.00	\$0.00	0.0%
External Delivery Charge	\$0.02502	\$0.03613	\$0.01111	\$70.06	\$101.16	\$31.11	7.7%
Stranded Cost Charge	(\$0.00002)	(\$0.00005)	(\$0.00003)	(\$0.06)	(\$0.14)	(\$0.08)	(0.0%)
Storm Recovery Adj.	\$0.00084	\$0.00084	\$0.00000	\$2.35	\$2.35	\$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>\$0.05874</u>	<u>\$0.05874</u>	<u>\$0.00000</u>	<u>\$164.47</u>	<u>\$164.47</u>	<u>\$0.00</u>	<u>0.0%</u>
Total kWh Charges	\$0.09210	\$0.10318	\$0.01108	\$257.88	\$288.90	\$31.02	7.7%
Total Bill				\$402.46	\$433.15	\$30.69	7.6%

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

Regular General G2 Quick Recovery Water Heating and Space Heating 1,660 kWh Typical Bill							
	6/1/2020	8/1/2020					%
<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	\$0.03204	\$0.03204	\$0.00000	\$53.19	\$53.19	\$0.00	0.0%
External Delivery Charge	\$0.02502	\$0.03613	\$0.01111	\$41.53	\$59.98	\$18.44	8.6%
Stranded Cost Charge	(\$0.00012)	(\$0.00025)	(\$0.00013)	(\$0.20)	(\$0.42)	(\$0.22)	(0.1%)
Storm Recovery Adj.	\$0.00084	\$0.00084	\$0.00000	\$1.39	\$1.39	\$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>\$0.05874</u>	<u>\$0.05874</u>	<u>\$0.00000</u>	<u>\$97.51</u>	<u>\$97.51</u>	<u>\$0.00</u>	<u>0.0%</u>
Total kWh Charges	\$0.12404	\$0.13502	\$0.01098	\$205.91	\$224.13	\$18.23	8.5%
Total Bill				\$215.64	\$233.86	\$18.23	8.5%

Regular General G2 kWh Meter 115 kWh Typical Bill							
	6/1/2020	8/1/2020					%
<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	\$0.00883	\$0.00883	\$0.00000	\$1.02	\$1.02	\$0.00	0.0%
External Delivery Charge	\$0.02502	\$0.03613	\$0.01111	\$2.88	\$4.15	\$1.28	4.3%
Stranded Cost Charge	(\$0.00012)	(\$0.00025)	(\$0.00013)	(\$0.01)	(\$0.03)	(\$0.01)	(0.0%)
Storm Recovery Adj.	\$0.00084	\$0.00084	\$0.00000	\$0.10	\$0.10	\$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>\$0.05874</u>	<u>\$0.05874</u>	<u>\$0.00000</u>	<u>\$6.76</u>	<u>\$6.76</u>	<u>\$0.00</u>	<u>0.0%</u>
Total kWh Charges	\$0.10083	\$0.11181	\$0.01098	\$11.60	\$12.86	\$1.26	4.2%
Total Bill				\$29.98	\$31.24	\$1.26	4.2%

000052

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

<u>Large General - G1 550 kVa, 200,000 kWh Typical Bill</u>							
	6/1/2020	8/1/2020					%
<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%
	<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>(\$0.03)</u>	<u>(\$0.06)</u>	<u>(\$0.03)</u>	<u>(\$16.50)</u>	<u>(\$33.00)</u>	<u>(\$16.50)</u>	<u>(0.1%)</u>
Total kVa Charges	\$7.57	\$7.54	(\$0.03)	\$4,163.50	\$4,147.00	(\$16.50)	(0.1%)
	<u>\$/kWh</u>	<u>\$/kWh</u>					
Distribution Charge	\$0.00000	\$0.00000	\$0.00000	\$0.00	\$0.00	\$0.00	0.0%
External Delivery Charge	\$0.02502	\$0.03613	\$0.01111	\$5,004.00	\$7,226.00	\$2,222.00	11.1%
Stranded Cost Charge	<u>(\$0.00003)</u>	<u>(\$0.00006)</u>	<u>(\$0.00003)</u>	<u>(\$6.00)</u>	<u>(\$12.00)</u>	<u>(\$6.00)</u>	<u>(0.0%)</u>
Storm Recovery Adj.	\$0.00084	\$0.00084	\$0.00000	\$168.00	\$168.00	\$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>\$0.04517</u>	<u>\$0.04517</u>	<u>\$0.00000</u>	<u>\$9,034.00</u>	<u>\$9,034.00</u>	<u>\$0.00</u>	<u>0.0%</u>
Total kWh Charges	\$0.07852	\$0.08960	\$0.01108	\$15,704.00	\$17,920.00	\$2,216.00	11.1%
Total Bill				\$20,029.68	\$22,229.18	\$2,199.50	11.0%

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

000053

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

Residential Rate D 612 kWh Bill - Mean Use*

Rate Components	6/1/2020	8/1/2020	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	\$0.03558	\$0.03558	\$0.00000	\$21.77	\$21.77	\$0.00	0.0%
External Delivery Charge	\$0.02502	\$0.03613	\$0.01111	\$15.31	\$22.11	\$6.80	6.7%
Stranded Cost Charge	(\$0.00012)	(\$0.00025)	(\$0.00013)	(\$0.07)	(\$0.15)	(\$0.08)	(0.1%)
Storm Recovery Adj.	\$0.00084	\$0.00084	\$0.00000	\$0.51	\$0.51	\$0.00	0.0%
System Benefits Charge	\$0.00752	\$0.00752	\$0.00000	\$4.60	\$4.60	\$0.00	0.0%
Default Service Charge	<u>\$0.06987</u>	<u>\$0.06987</u>	<u>\$0.00000</u>	<u>\$42.76</u>	<u>\$42.76</u>	<u>\$0.00</u>	<u>0.0%</u>
Total kWh Charges	\$0.13871	\$0.14969	\$0.01098				
Total Bill				\$101.11	\$107.83	\$6.72	6.6%

Residential Rate D 495 kWh Bill - Median Use*

Rate Components	6/1/2020	8/1/2020	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	\$0.03558	\$0.03558	\$0.00000	\$17.61	\$17.61	\$0.00	0.0%
External Delivery Charge	\$0.02502	\$0.03613	\$0.01111	\$12.38	\$17.88	\$5.50	6.5%
Stranded Cost Charge	(\$0.00012)	(\$0.00025)	(\$0.00013)	(\$0.06)	(\$0.12)	(\$0.06)	(0.1%)
Storm Recovery Adj.	\$0.00084	\$0.00084	\$0.00000	\$0.42	\$0.42	\$0.00	0.0%
System Benefits Charge	\$0.00752	\$0.00752	\$0.00000	\$3.72	\$3.72	\$0.00	0.0%
Default Service Charge	<u>\$0.06987</u>	<u>\$0.06987</u>	<u>\$0.00000</u>	<u>\$34.59</u>	<u>\$34.59</u>	<u>\$0.00</u>	<u>0.0%</u>
Total kWh Charges	\$0.13871	\$0.14969	\$0.01098				
Total Bill				\$84.88	\$90.32	\$5.44	6.4%

* Based on billing period January through December 2019.

000054

Unitil Energy Systems, Inc.
Average Class Bill Impacts
Due to Proposed Rate Changes Effective August 1, 2020

(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	785,306	497,875,828	n/a	(\$64,724)	\$5,531,400	\$81,798,023	\$87,264,700	\$5,466,677	6.7%
General Service	131,872	354,161,409	1,348,556	(\$46,041)	\$3,934,733	\$50,653,703	\$54,542,396	\$3,888,692	7.7%
Large General Service	1,878	353,924,392	1,022,850	(\$46,010)	\$3,932,100	\$35,601,119	\$39,487,209	\$3,886,090	10.9%
Outdoor Lighting	110,850	8,241,454	n/a	(\$1,071)	\$91,563	\$2,637,814	\$2,728,305	\$90,491	3.4%
Total	1,029,906	1,214,203,082		(\$157,846)	\$13,489,796	\$170,690,659	\$184,022,609	\$13,331,950	7.8%

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

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

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

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

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

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

00055

Unitil Energy Systems, Inc.
Typical Bill Impacts - June 1, 2020 vs. August 1, 2020
Due to Changes in the External Delivery Charge and Stranded Cost Charge
Impact on D Rate Customers

<u>Average kWh</u>	<u>Total Bill Using Rates 6/1/2020</u>	<u>Total Bill Using Rates 8/1/2020</u>	<u>Total Difference</u>	<u>% Total Difference</u>
125	\$33.56	\$34.93	\$1.37	4.1%
150	\$37.03	\$38.67	\$1.65	4.4%
200	\$43.96	\$46.16	\$2.20	5.0%
250	\$50.90	\$53.64	\$2.75	5.4%
300	\$57.83	\$61.13	\$3.29	5.7%
350	\$64.77	\$68.61	\$3.84	5.9%
400	\$71.70	\$76.10	\$4.39	6.1%
450	\$78.64	\$83.58	\$4.94	6.3%
500	\$85.58	\$91.07	\$5.49	6.4%
525	\$89.04	\$94.81	\$5.76	6.5%
550	\$92.51	\$98.55	\$6.04	6.5%
575	\$95.98	\$102.29	\$6.31	6.6%
600	\$99.45	\$106.03	\$6.59	6.6%
625	\$102.91	\$109.78	\$6.86	6.7%
650	\$106.38	\$113.52	\$7.14	6.7%
675	\$109.85	\$117.26	\$7.41	6.7%
700	\$113.32	\$121.00	\$7.69	6.8%
725	\$116.78	\$124.75	\$7.96	6.8%
750	\$120.25	\$128.49	\$8.24	6.8%
775	\$123.72	\$132.23	\$8.51	6.9%
825	\$130.66	\$139.71	\$9.06	6.9%
925	\$144.53	\$154.68	\$10.16	7.0%
1,000	\$154.93	\$165.91	\$10.98	7.1%
1,250	\$189.61	\$203.33	\$13.73	7.2%
1,500	\$224.29	\$240.76	\$16.47	7.3%
2,000	\$293.64	\$315.60	\$21.96	7.5%
3,500	\$501.71	\$540.14	\$38.43	7.7%
5,000	\$709.77	\$764.67	\$54.90	7.7%

	<u>Rates - Effective June 1, 2020</u>	<u>Rates - Proposed August 1, 2020</u>	<u>Difference</u>
Customer Charge	\$16.22	\$16.22	\$0.00
	<u>kWh</u>	<u>kWh</u>	<u>kWh</u>
Distribution Charge:	\$0.03558	\$0.03558	\$0.00000
External Delivery Charge	\$0.02502	\$0.03613	\$0.01111
Stranded Cost Charge	(\$0.00012)	(\$0.00025)	(\$0.00013)
Storm Recovery Adjustment Factor	\$0.00084	\$0.00084	\$0.00000
System Benefits Charge	\$0.00752	\$0.00752	\$0.00000
Default Service Charge	<u>\$0.06987</u>	<u>\$0.06987</u>	<u>\$0.00000</u>
TOTAL	\$0.13871	\$0.14969	\$0.01098

Unitil Energy Systems, Inc.
Typical Bill Impacts - June 1, 2020 vs. August 1, 2020
Due to Changes in the External Delivery Charge and Stranded Cost 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 6/1/2020</u>	<u>Total Bill Using Rates 8/1/2020</u>	<u>Total Difference</u>	<u>% Total Difference</u>
20%	5	730	\$148.87	\$156.81	\$7.94	5.3%
20%	10	1,460	\$268.56	\$284.43	\$15.88	5.9%
20%	15	2,190	\$388.24	\$412.05	\$23.82	6.1%
20%	25	3,650	\$627.61	\$667.30	\$39.69	6.3%
20%	50	7,300	\$1,226.02	\$1,305.40	\$79.38	6.5%
20%	75	10,950	\$1,824.44	\$1,943.51	\$119.08	6.5%
20%	100	14,600	\$2,422.85	\$2,581.62	\$158.77	6.6%
20%	150	21,900	\$3,619.68	\$3,857.83	\$238.15	6.6%
36%	5	1,314	\$202.66	\$217.07	\$14.41	7.1%
36%	10	2,628	\$376.13	\$404.95	\$28.82	7.7%
36%	15	3,942	\$549.60	\$592.83	\$43.23	7.9%
36%	25	6,570	\$896.54	\$968.58	\$72.05	8.0%
36%	50	13,140	\$1,763.88	\$1,907.98	\$144.09	8.2%
36%	75	19,710	\$2,631.23	\$2,847.37	\$216.14	8.2%
36%	100	26,280	\$3,498.58	\$3,786.76	\$288.18	8.2%
36%	150	39,420	\$5,233.27	\$5,665.55	\$432.27	8.3%
50%	5	1,825	\$249.72	\$269.79	\$20.07	8.0%
50%	10	3,650	\$470.26	\$510.40	\$40.14	8.5%
50%	15	5,475	\$690.79	\$751.00	\$60.21	8.7%
50%	25	9,125	\$1,131.85	\$1,232.21	\$100.36	8.9%
50%	50	18,250	\$2,234.52	\$2,435.23	\$200.71	9.0%
50%	75	27,375	\$3,337.18	\$3,638.24	\$301.07	9.0%
50%	100	36,500	\$4,439.84	\$4,841.26	\$401.42	9.0%
50%	150	54,750	\$6,645.17	\$7,247.30	\$602.13	9.1%

	<u>Rates - Effective June 1, 2020</u>	<u>Rates - Proposed August 1, 2020</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	(\$0.02)	(\$0.05)	(\$0.03)
TOTAL	\$10.49	\$10.46	(\$0.03)
	<u>kWh</u>	<u>kWh</u>	<u>kWh</u>
Distribution Charge	\$0.00000	\$0.00000	\$0.00000
External Delivery Charge	\$0.02502	\$0.03613	\$0.01111
Stranded Cost Charge	(\$0.00002)	(\$0.00005)	(\$0.00003)
Storm Recovery Adj. Factor	\$0.00084	\$0.00084	\$0.00000
System Benefits Charge	\$0.00752	\$0.00752	\$0.00000
Default Service Charge	\$0.05874	\$0.05874	\$0.00000
TOTAL	\$0.09210	\$0.10318	\$0.01108

Unitil Energy Systems, Inc. Typical Bill Impacts - June 1, 2020 vs. August 1, 2020 Due to Changes in the External Delivery Charge and Stranded Cost Charge Impact on G2 kWh Meter Rate Customers																																												
Average Monthly kWh	Total Bill Using Rates 6/1/2020	Total Bill Using Rates 8/1/2020	Total Difference	% Total Difference																																								
15	\$19.89	\$20.06	\$0.16	0.8%																																								
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900	\$109.13	\$119.01	\$9.88	9.1%																																								
<table border="1"> <thead> <tr> <th></th> <th style="text-align: center;">Rates - Effective June 1, 2020</th> <th style="text-align: center;">Rates - Proposed August 1, 2020</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;">\$0.00883</td> <td style="text-align: center;">\$0.00883</td> <td style="text-align: center;">\$0.00000</td> </tr> <tr> <td>External Delivery Charge</td> <td style="text-align: center;">\$0.02502</td> <td style="text-align: center;">\$0.03613</td> <td style="text-align: center;">\$0.01111</td> </tr> <tr> <td>Stranded Cost Charge</td> <td style="text-align: center;">(\$0.00012)</td> <td style="text-align: center;">(\$0.00025)</td> <td style="text-align: center;">(\$0.00013)</td> </tr> <tr> <td>Storm Recovery Adjustment Factor</td> <td style="text-align: center;">\$0.00084</td> <td style="text-align: center;">\$0.00084</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>\$0.05874</u></td> <td style="text-align: center;"><u>\$0.05874</u></td> <td style="text-align: center;"><u>\$0.00000</u></td> </tr> <tr> <td>TOTAL</td> <td style="text-align: center;">\$0.10083</td> <td style="text-align: center;">\$0.11181</td> <td style="text-align: center;">\$0.01098</td> </tr> </tbody> </table>						Rates - Effective June 1, 2020	Rates - Proposed August 1, 2020	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	\$0.00883	\$0.00883	\$0.00000	External Delivery Charge	\$0.02502	\$0.03613	\$0.01111	Stranded Cost Charge	(\$0.00012)	(\$0.00025)	(\$0.00013)	Storm Recovery Adjustment Factor	\$0.00084	\$0.00084	\$0.00000	System Benefits Charge	\$0.00752	\$0.00752	\$0.00000	Default Service Charge	<u>\$0.05874</u>	<u>\$0.05874</u>	<u>\$0.00000</u>	TOTAL	\$0.10083	\$0.11181	\$0.01098
	Rates - Effective June 1, 2020	Rates - Proposed August 1, 2020	Difference																																									
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TOTAL	\$0.10083	\$0.11181	\$0.01098																																									

Unitil Energy Systems, Inc.
Typical Bill Impacts - June 1, 2020 vs. August 1, 2020
Due to Changes in the External Delivery Charge and Stranded Cost Charge
Impact on G2 QRWH and SH Rate Customers

<u>Average kWh</u>	<u>Total Bill Using Rates 6/1/2020</u>	<u>Total Bill Using Rates 8/1/2020</u>	<u>Total Difference</u>	<u>% Total Difference</u>
100	\$22.13	\$23.23	\$1.10	5.0%
200	\$34.54	\$36.73	\$2.20	6.4%
300	\$46.94	\$50.24	\$3.29	7.0%
400	\$59.35	\$63.74	\$4.39	7.4%
500	\$71.75	\$77.24	\$5.49	7.7%
750	\$102.76	\$111.00	\$8.24	8.0%
1,000	\$133.77	\$144.75	\$10.98	8.2%
1,500	\$195.79	\$212.26	\$16.47	8.4%
2,000	\$257.81	\$279.77	\$21.96	8.5%
2,500	\$319.83	\$347.28	\$27.45	8.6%

	<u>Rates - Effective June 1, 2020</u>	<u>Rates - Proposed August 1, 2020</u>	<u>Difference</u>
Customer Charge	\$9.73	\$9.73	\$0.00
	<u>All kWh</u>	<u>All kWh</u>	<u>All kWh</u>
Distribution Charge	\$0.03204	\$0.03204	\$0.00000
External Delivery Charge	\$0.02502	\$0.03613	\$0.01111
Stranded Cost Charge	(\$0.00012)	(\$0.00025)	(\$0.00013)
Storm Recovery Adjustment Factor	\$0.00084	\$0.00084	\$0.00000
System Benefits Charge	\$0.00752	\$0.00752	\$0.00000
Default Service Charge	<u>\$0.05874</u>	<u>\$0.05874</u>	<u>\$0.00000</u>
TOTAL	\$0.12404	\$0.13502	\$0.01098

Unitil Energy Systems, Inc.
Typical Bill Impacts - June 1, 2020 vs. August 1, 2020
Due to Changes in the External Delivery Charge and Stranded Cost Charge
Impact on G1 Rate Customers

Load Factor	Average Monthly kVa	Average Monthly kWh	Total Bill Using Rates 6/1/2020	Total Bill Using Rates 8/1/2020	Total Difference	% Total Difference
25.0%	200	36,500	\$4,542.16	\$4,946.58	\$404.42	8.9%
25.0%	400	73,000	\$8,922.14	\$9,730.98	\$808.84	9.1%
25.0%	600	109,500	\$13,302.12	\$14,515.38	\$1,213.26	9.1%
25.0%	800	146,000	\$17,682.10	\$19,299.78	\$1,617.68	9.1%
25.0%	1,000	182,500	\$22,062.08	\$24,084.18	\$2,022.10	9.2%
25.0%	1,500	273,750	\$33,012.03	\$36,045.18	\$3,033.15	9.2%
25.0%	2,000	365,000	\$43,961.98	\$48,006.18	\$4,044.20	9.2%
25.0%	2,500	456,250	\$54,911.93	\$59,967.18	\$5,055.25	9.2%
25.0%	3,000	547,500	\$65,861.88	\$71,928.18	\$6,066.30	9.2%
40.0%	200	58,400	\$6,261.75	\$6,908.82	\$647.07	10.3%
40.0%	400	116,800	\$12,361.32	\$13,655.46	\$1,294.14	10.5%
40.0%	600	175,200	\$18,460.88	\$20,402.10	\$1,941.22	10.5%
40.0%	800	233,600	\$24,560.45	\$27,148.74	\$2,588.29	10.5%
40.0%	1,000	292,000	\$30,660.02	\$33,895.38	\$3,235.36	10.6%
40.0%	1,500	438,000	\$45,908.94	\$50,761.98	\$4,853.04	10.6%
40.0%	2,000	584,000	\$61,157.86	\$67,628.58	\$6,470.72	10.6%
40.0%	2,500	730,000	\$76,406.78	\$84,495.18	\$8,088.40	10.6%
40.0%	3,000	876,000	\$91,655.70	\$101,361.78	\$9,706.08	10.6%
57.0%	200	83,220	\$8,210.61	\$9,132.69	\$922.08	11.2%
57.0%	400	166,440	\$16,259.05	\$18,103.20	\$1,844.16	11.3%
57.0%	600	249,660	\$24,307.48	\$27,073.72	\$2,766.23	11.4%
57.0%	800	332,880	\$32,355.92	\$36,044.23	\$3,688.31	11.4%
57.0%	1,000	416,100	\$40,404.35	\$45,014.74	\$4,610.39	11.4%
57.0%	1,500	624,150	\$60,525.44	\$67,441.02	\$6,915.58	11.4%
57.0%	2,000	832,200	\$80,646.52	\$89,867.30	\$9,220.78	11.4%
57.0%	2,500	1,040,250	\$100,767.61	\$112,293.58	\$11,525.97	11.4%
57.0%	3,000	1,248,300	\$120,888.70	\$134,719.86	\$13,831.16	11.4%
71.0%	200	103,660	\$9,815.56	\$10,964.12	\$1,148.55	11.7%
71.0%	400	207,320	\$19,468.95	\$21,766.05	\$2,297.11	11.8%
71.0%	600	310,980	\$29,122.33	\$32,567.99	\$3,445.66	11.8%
71.0%	800	414,640	\$38,775.71	\$43,369.92	\$4,594.21	11.8%
71.0%	1,000	518,300	\$48,429.10	\$54,171.86	\$5,742.76	11.9%
71.0%	1,500	777,450	\$72,562.55	\$81,176.70	\$8,614.15	11.9%
71.0%	2,000	1,036,600	\$96,696.01	\$108,181.54	\$11,485.53	11.9%
71.0%	2,500	1,295,750	\$120,829.47	\$135,186.38	\$14,356.91	11.9%
71.0%	3,000	1,554,900	\$144,962.93	\$162,191.22	\$17,228.29	11.9%

	Rates - Effective June 1, 2020	Rates - Proposed August 1, 2020	Difference
Customer Charge	\$162.18	\$162.18	\$0.00
	<u>All kVA</u>	<u>All kVA</u>	<u>All kVA</u>
Distribution Charge	\$7.60	\$7.60	\$0.00
Stranded Cost Charge	(\$0.03)	(\$0.03)	\$0.00
TOTAL	\$7.57	\$7.57	\$0.00
	<u>All kWh</u>	<u>All kWh</u>	<u>All kWh</u>
Distribution Charge	\$0.00000	\$0.00000	\$0.00000
External Delivery Charge	\$0.02502	\$0.03613	\$0.01111
Stranded Cost Charge	(\$0.00003)	(\$0.00006)	(\$0.00003)
Storm Recovery Adjustment Factor	\$0.00084	\$0.00084	\$0.00000
System Benefits Charge	\$0.00752	\$0.00752	\$0.00000
Default Service Charge*	<u>\$0.04517</u>	<u>\$0.04517</u>	<u>\$0.00000</u>
TOTAL	\$0.07852	\$0.08960	\$0.01108

* Default Service Charge for the G1 class is determined monthly. For purposes of this comparison, the June 2020 rate is unchanged.

Unitil Energy Systems, Inc. Typical Bill Impacts - June 1, 2020 vs. August 1, 2020 Due to Changes in the External Delivery Charge and Stranded Cost Charge Impact on OL Rate Customers *								
	Nominal Watts	Lumens	Type	Average Monthly kWh	Total Bill Using Rates 6/1/2020	Total Bill Using Rates 8/1/2020	Total Difference	% Total Difference
<u>Mercury Vapor:</u>								
1	100	3,500	ST	43	\$17.24	\$17.71	\$0.47	2.7%
2	175	7,000	ST	71	\$22.28	\$23.06	\$0.78	3.5%
3	250	11,000	ST	100	\$27.05	\$28.15	\$1.10	4.1%
4	400	20,000	ST	157	\$35.69	\$37.42	\$1.72	4.8%
5	1,000	60,000	ST	372	\$76.41	\$80.50	\$4.08	5.3%
6	250	11,000	FL	100	\$28.22	\$29.32	\$1.10	3.9%
7	400	20,000	FL	157	\$37.19	\$38.92	\$1.72	4.6%
8	1,000	60,000	FL	380	\$72.66	\$76.83	\$4.17	5.7%
9	100	3,500	PB	48	\$17.83	\$18.35	\$0.53	3.0%
10	175	7,000	PB	71	\$21.40	\$22.18	\$0.78	3.6%
<u>High Pressure Sodium:</u>								
11	50	4,000	ST	23	\$15.64	\$15.89	\$0.25	1.6%
12	100	9,500	ST	48	\$19.64	\$20.16	\$0.53	2.7%
13	150	16,000	ST	65	\$21.26	\$21.97	\$0.71	3.4%
14	250	30,000	ST	102	\$28.52	\$29.64	\$1.12	3.9%
15	400	50,000	ST	161	\$38.94	\$40.71	\$1.77	4.5%
16	1,000	140,000	ST	380	\$76.62	\$80.79	\$4.17	5.4%
17	150	16,000	FL	65	\$23.59	\$24.30	\$0.71	3.0%
18	250	30,000	FL	102	\$30.14	\$31.26	\$1.12	3.7%
19	400	50,000	FL	161	\$38.39	\$40.16	\$1.77	4.6%
20	1,000	140,000	FL	380	\$76.99	\$81.16	\$4.17	5.4%
21	50	4,000	PB	23	\$14.63	\$14.88	\$0.25	1.7%
22	100	9,500	PB	48	\$18.46	\$18.98	\$0.53	2.9%
<u>Metal Halide:</u>								
23	175	8,800	ST	74	\$26.72	\$27.53	\$0.81	3.0%
24	250	13,500	ST	102	\$31.03	\$32.15	\$1.12	3.6%
25	400	23,500	ST	158	\$36.99	\$38.72	\$1.73	4.7%
26	175	8,800	FL	74	\$29.81	\$30.62	\$0.81	2.7%
27	250	13,500	FL	102	\$34.21	\$35.33	\$1.12	3.3%
28	400	23,500	FL	158	\$39.42	\$41.15	\$1.73	4.4%
29	1,000	86,000	FL	374	\$66.63	\$70.73	\$4.11	6.2%
30	175	8,800	PB	74	\$25.44	\$26.25	\$0.81	3.2%
31	250	13,500	PB	102	\$29.19	\$30.31	\$1.12	3.8%
32	400	23,500	PB	158	\$35.71	\$37.44	\$1.73	4.9%
<u>Light Emitting Diode:</u>								
33	42	3,600	AL	15	\$14.54	\$14.70	\$0.16	1.1%
34	57	5,200	AL	20	\$15.05	\$15.27	\$0.22	1.5%
35	25	3,000	CH	9	\$13.94	\$14.04	\$0.10	0.7%
36	88	8,300	CH	30	\$16.06	\$16.39	\$0.33	2.1%
37	108	11,500	CH	37	\$16.76	\$17.17	\$0.41	2.4%
38	193	21,000	CH	67	\$19.78	\$20.52	\$0.74	3.7%
39	123	12,180	FL	43	\$17.37	\$17.84	\$0.47	2.7%
40	194	25,700	FL	67	\$19.78	\$20.52	\$0.74	3.7%
41	297	38,100	FL	103	\$23.41	\$24.54	\$1.13	4.8%
Luminaire Charges For Year Round Service:								
Rates - Effective June 1, 2020								
					Mercury Vapor Rate/Mo.	Sodium Vapor Rate/Mo.	Metal Halide Rate/Mo.	LED Rate/Mo.
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	\$0.00000		4	\$21.25	14	\$19.14	26	\$23.00
External Delivery Charge	\$0.02502		5	\$42.19	15	\$24.13	27	\$24.83
Stranded Cost Charge	(\$0.00012)		6	\$19.02	16	\$41.66	28	\$24.88
Storm Recovery Adj. Factor	\$0.00084		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	\$0.05874		9	\$13.41	19	\$23.58	31	\$19.81
			10	\$14.87	20	\$42.03	32	\$21.17
TOTAL	\$0.09200				21	\$12.51		
					22	\$14.04		
Rates - Proposed August 1, 2020								
					Mercury Vapor Rate/Mo.	Sodium Vapor Rate/Mo.	Metal Halide Rate/Mo.	LED Rate/Mo.
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	\$0.00000		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	\$0.00084		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	\$0.05874		9	\$13.41	19	\$23.58	31	\$19.81
			10	\$14.87	20	\$42.03	32	\$21.17
TOTAL	\$0.10298				21	\$12.51		
					22	\$14.04		
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
			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	\$0.01111		5	\$0.00	15	\$0.00	27	\$0.00
Stranded Cost Charge	(\$0.00013)		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	\$0.01098				21	\$0.00		
					22	\$0.00		

* Luminaire charges based on All-Night Service option.

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