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Liberty Utilities, NH Granite State Electric Revenues Subject to Decoupling

		Decoupling Year	N/A	1	2
	Estimated Distribution Revenues		Effective	Effective	Effective
Line No.	Estimated Distribution Revenues	Source	July 1, 2020	July 1, 2021	July 1, 2022
1	Base	Settlement Agreement Attachment 5 line 115	\$ 43,708,498	\$ 45,317,940	\$ 47,312,437
2	Step	Settlement Agreement Attachment 1 line 40	\$ 1,349,466	\$ 1,783,994	\$ 1,800,000
3	Reliability Enhancement Program	DE 20-036	\$ 210,503	\$ 210,503	\$-
4	Recoupment	Settlement Agreement Attachment 3 Line 7 / 2	\$ 917,996	\$ 917,996	\$-
5	Rate Case Expense	Settlement Agreement Attachment 6 Line 6 / 2	\$ 276,821	\$ 276,821	\$-
6	Total		\$ 46,463,284	\$ 48,507,254	\$ 49,112,437
	Less: Street Lighting Estimated Distribution		Effective	Effective	Effective
	Revenues	Source / Calculation	July 1, 2020	July 1, 2021	July 1, 2022
7	Base	Settlement Agreement Exhibit 5 line 115	\$ 1,226,293	\$ 1,271,448	\$ 1,327,406
8	Step	(Line 7 / Line 1) * Line 2	\$ 37,861	\$ 50,052	\$ 50,501
9	Reliability Enhancement Program	(Line 7 / Line 1) * Line 3	\$ 5,906	\$ 5,906	\$-
10	Recoupment	(Line 7 / Line 1) * Line 4	\$ 25,755	\$ 25,755	\$-
11	Rate Case Expense	(Line 7 / Line 1) * Line 5	\$ 7,767	\$ 7,767	\$-
12	Total		\$ 1,303,582	\$ 1,360,928	\$ 1,377,907
	Estimated Distribution Revenues Subject To		Effective	Effective	Effective
	Decoupling	Source / Calculation	July 1, 2020	July 1, 2021	July 1, 2022

	Estimated Distribution Revenues Subject To		LITECTIVE	Lifective	Lifective
	Decoupling	Source / Calculation	July 1, 2020	July 1, 2021	July 1, 2022
13	Base	Line 1 - Line 7	\$ 42,482,205	\$ 44,046,492	\$ 45,985,031
14	Step	Line 2 - Line 8	\$ 1,311,605	\$ 1,733,942	\$ 1,749,499
15	Reliability Enhancement Program	Line 3 - Line 9	\$ 204,597	\$ 204,597	\$-
16	Recoupment	Line 4 - Line 10	\$ 892,241	\$ 892,241	\$-
17	Rate Case Expense	Line 5 - Line 11	\$ 269,054	\$ 269,054	\$-
18	Total		\$ 45,159,702	\$ 47,146,327	\$ 47,734,530

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DE 19-064 Settlement Agreement

								Attac	
	Rate Year (No Decoupling) Allowed Revenue Requirement 7/1/2020 - 6/30/2021	Domestic	Domestic - Opt. Peak	General TOU	General Long Hour	General Service	Limited All Electric	Ltd Comm ^{Pa} Space Heating	2 of 6 Total
Line No.	//1/2020 - 6/30/2021	DOD2	D10	G01	G02	G03	тоо	V00	
1	Distribution Revenue Requirement	\$20,685,493	\$310,153	\$9,891,187	\$5,436,475	\$5,313,487	\$825,801	\$19,608	\$ 42,482,205
2	Step Increase	\$638,649	\$9,576	\$305,383	\$167,847	\$164,050	\$25,496	\$605	\$ 1,311,605
3	Reliability Enhancement Program	\$99,623	\$1,494	\$47,637	\$26,182	\$25,590	\$3,977	\$94	\$ 204,597
5	Recoupment	\$434,451	\$6,514	\$207,742	\$114,181	\$111,598	\$17,344	\$412	\$ 892,241
6	Rate Case expenses	\$131,008	\$1,964	\$62,644	\$34,431	\$33,652	\$5,230	\$124	\$ 269,054
7	Total Target Revenues	\$21,989,223	\$329,701	\$10,514,593	\$5,779,116	\$5,648,377	\$877,848	\$20,844	\$45,159,702

	Decoupling Year 1: Allowed Revenue Requirement 7/1/2021 - 6/30/2022	Domestic	Domestic - Opt. Peak	General TOU	General Long Hour	General Service	Limited All Electric	Ltd Comm Space Heating	Total
	//1/2021 - 0/30/2022	DOD2	D10	G01	G02	G03	тоо	V00	
8	Distribution Revenue Requirement	\$21,447,178	\$321,574	\$10,255,402	\$5,636,658	\$5,509,141	\$856,209	\$20,330	\$ 44,046,492
9	Step Increase	\$844,293	\$12,659	\$403,716	\$221,894	\$216,874	\$33,706	\$800	\$ 1,733,942
10	Reliability Enhancement Program	\$99,623	\$1,494	\$47,637	\$26,182	\$25,590	\$3,977	\$94	\$ 204,597
11	Recoupment	\$434,451	\$6,514	\$207,742	\$114,181	\$111,598	\$17,344	\$412	\$ 892,241
12	Rate Case expenses	\$131,008	\$1,964	\$62,644	\$34,431	\$33,652	\$5,230	\$124	\$ 269,054
13	Total Target Revenues	\$22,956,553	\$344,205	\$10,977,141	\$6,033,346	\$5,896,855	\$916,466	\$21,761	\$47,146,327

	Decoupling Year 2: Allowed Revenue Requirement 7/1/2022 - 6/30/2023	Domestic	Domestic - Opt. Peak	General TOU	General Long Hour	General Service	Limited All Electric	Ltd Comm Space Heating		Total
	77172022 - 073072023	DOD2	D10	G01	G02	G03	T00	V00		
14	Distribution Revenue Requirement	\$22,391,094	\$335,727	\$10,706,755	\$5,884,734	\$5,751,605	\$893,892	\$21,225	\$ 4	15,985,031
15	Step Increase	\$851,868	\$12,773	\$407,338	\$223,884	\$218,820	\$34,008	\$808	\$	1,749,499
16	Reliability Enhancement Program	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$	-
17	Recoupment	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$	-
18	Rate Case expenses	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$	-
19	Total Target Revenues	\$23,242,962	\$348,499	\$11,114,093	\$6,108,618	\$5,970,425	\$927,900	\$22,032	\$4	17,734,530

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Liberty Utilities, NH Granite State Electric Sample Monthly Decoupling Calculation

	A	в	с	D	Е	F	G	н	I	J
	Decoupling Ye 7/1/2021 - 6/30,		Domestic	Domestic Opt Peak	General TOU	General Long Hour	General Service	Limited All Electric	Ltd Comm Space Heating	Total
Line No.	7/1/2021 - 0/30/	12022	DOD2	D10	G01	G02	G03	Т00	V00	
	Bi∎s		sing Test Year ills)							
1		January	35,344	438	135	904	5,649	981	18	43,469
2		February	35,193	430	135	906	5,663	975	18	43,403
3		March	35,347	441	132	910	5,671	975	18	43,494
4		April	35,329	443	131	901	5,688	967	18	43,477
5 6		May June	35,313 35,263	440 439	141 138	914 903	5,650 5,638	968 967	18 18	43,444 43,366
7		July	35,232	433	139	922	5,691	961	18	43,406
8		August	37,134	441	143	942	5,902	1,034	19	45,615
9 10		September October	33,822 35,547	435 440	138 141	872 906	5,425 5,680	881 956	15 17	41,588 43,687
11		November	35,400	437	140	900	5,679	951	17	43,524
12		December	35,656	439	145	902	5,704	950	17	43,813 522,214
13 14		(Settlement	424,580	5,277	1,658	10,882	68,040	11,566	211	522,214
	Distribution Revenues	Allowed)								
15		January	\$2,280,201	\$37,543	\$858,240	\$487,065	\$543,918	\$123,795	\$2,420	\$4,333,182
16 17		February March	\$1,928,246 \$1,833,192	\$34,840 \$31,117	\$851,669 \$835,554	\$487,433 \$496,589	\$513,127 \$491,543	\$101,549 \$92,884	\$2,149 \$1,909	\$3,919,013 \$3,782,788
18		April	\$1,804,766	\$29,341	\$839,610	\$490,569 \$481,315	\$491,543 \$479,257	\$92,004 \$81,933	\$1,909	\$3,718,040
19		May	\$1,629,793	\$24,371	\$868,490	\$502,654	\$447,122	\$62,414	\$1,520	\$3,536,364
20 21		June July	\$1,794,535 \$2,043,066	\$23,544 \$26,615	\$956,272 \$1,014,316	\$515,365 \$539,629	\$474,706 \$505,543	\$55,806 \$58,687	\$1,551 \$1,907	\$3,821,779 \$4,189,763
22		August	\$2,239,627	\$29,613	\$1,066,496	\$551,612	\$547,086	\$63,422	\$2,221	\$4,500,077
23		September	\$2,023,475	\$27,856	\$1,008,290	\$511,221	\$504,354	\$56,197	\$1,519	\$4,132,912
24 25		October November	\$1,653,552 \$1,690,037	\$22,849 \$24,820	\$913,896 \$852,687	\$503,683 \$474,004	\$443,345 \$432,829	\$53,914 \$69,335	\$1,454 \$1,355	\$3,592,693 \$3,545,067
26		December	\$2,036,063	\$31,695	\$911,619	\$482,776	\$514,028	\$96,529	\$1,939	\$4,074,649
27 28			22,956,553	344,204	10,977,139	6,033,346	5,896,858	916,465	21,762	47,146,327
20	Monthly Target Rev Customer (Monthly Ta									
			00151	005 74	\$0.0F7.00	A500 70	* ***	8100.10	0 40444	
29 30	1 2	January February	\$64.51 \$54.79	\$85.71 \$79.00	\$6,357.33 \$6,308.66	\$538.79 \$538.01	\$96.29 \$90.61	\$126.19 \$104.15	\$134.44 \$119.39	
31	3	March	\$51.86	\$70.56	\$6,329.95	\$545.70	\$86.68	\$95.27	\$106.06	
32	4	April	\$51.08	\$66.23	\$6,409.24	\$534.20	\$84.26	\$84.73	\$101.00	
33 34	5	May June	\$46.15 \$50.89	\$55.39 \$53.63	\$6,159.50 \$6,929.51	\$549.95 \$570.73	\$79.14 \$84.20	\$64.48 \$57.71	\$84.44 \$86.17	
35	7	July	\$57.99	\$60.08	\$7,297.24	\$585.28	\$88.83	\$61.07	\$105.94	
36 37	8	August September	\$60.31 \$59.83	\$67.15 \$64.04	\$7,458.01 \$7,306.45	\$585.58 \$586.26	\$92.70 \$92.97	\$61.34 \$63.79	\$116.89 \$101.27	
38	10	October	\$46.52	\$51.93	\$6,481.53	\$555.94	\$78.05	\$56.40	\$85.53	
39	11	November	\$47.74	\$56.80	\$6,090.62	\$526.67	\$76.22	\$72.91	\$79.71	
40 41	12	December	\$57.10	\$72.20	\$6,287.03	\$535.23	\$90.12	\$101.61	\$114.06	
42										
	Normalized Test Year									
	(used to spread Annu Revenues Among the		D-05 & -06	D-10	G - 1	G - 2	G-3	т	V	Total
43	Revenues Among un	Jan-18	\$1,891,081	\$31,136	\$711,780	\$403,946	\$451,098	\$102,669	\$2,007	\$3,593,716
44		Feb-18	\$1,599,187	\$28,894	\$706,330	\$404,252	\$425,561	\$84,220	\$1,783	\$3,250,227
45 46		Mar-18 Apr-18	\$1,520,355 \$1,496,779	\$25,807 \$24,334	\$692,966 \$696,329	\$411,845 \$399,178	\$407,660 \$397,471	\$77,033 \$67,951	\$1,583 \$1,507	\$3,137,249 \$3,083,549
47		May-18	\$1,351,666	\$20,212	\$720,281	\$416,875	\$370,820	\$51,763	\$1,260	\$2,932,877
48		Jun-18	\$1,488,295	\$19,526	\$793,083	\$427,417	\$393,696	\$46,282	\$1,287	\$3,169,586
49 50		Ju l- 18 Aug - 18	\$1,694,413 \$1,857,431	\$22,074 \$24,560	\$841,222 \$884,497	\$447,540 \$457,478	\$419,271 \$453,725	\$48,672 \$52,599	\$1,582 \$1,842	\$3,474,773 \$3,732,132
		-								
51		Sep-18	\$1,678,165	\$23,102	\$836,223	\$423,981	\$418,285	\$46,607	\$1,260	\$3,427,623
52 53		Oct-18 Nov-18	\$1,371,371 \$1,401,629	\$18,950 \$20,584	\$757,938 \$707,174	\$417,729 \$393,114	\$367,687 \$358,966	\$44,713 \$57,503	\$1,206 \$1,124	\$2,979,594 \$2,940,094
54		Dec-18	\$1,688,605	\$26,286	\$756,050	\$400,390	\$426,308	\$80,056	\$1,608	\$3,379,303
55		aroont of T-4 II	\$19,038,977	\$285,466	\$9,103,872	\$5,003,744	\$4,890,546	\$760,069	\$18,047	\$39,100,722
56 57	P	ercent of Total	48.69%	0.73%	23.28%	12.80%	12.51%	1.94%	0.05%	100.00%
58	Normalized Test Year		D-05 & -06	D-10	G - 1	G-2	G-3	Т	V	
59		Jan-18 Eab 19	9.93%	10.91%	7.82%	8.07%	9.22%	13.51%	11.12%	
60 61		Feb-18 Mar-18	8.40% 7.99%	10.12% 9.04%	7.76% 7.61%	8.08% 8.23%	8.70% 8.34%	11.08% 10.14%	9.88% 8.77%	
62		Apr-18	7.86%	8.52%	7.65%	7.98%	8.13%	8.94%	8.35%	
63		May-18	7.10%	7.08%	7.91%	8.33%	7.58%	6.81%	6.98%	
64 65		Jun-18 Ju l- 18	7.82% 8.90%	6.84% 7.73%	8.71% 9.24%	8.54% 8.94%	8.05% 8.57%	6.09% 6.40%	7.13% 8.77%	
66		Aug-18	9.76%	8.60%	9.72%	9.14%	9.28%	6.92%	10.21%	
67 68		Sep-18	8.81% 7.20%	8.09% 6.64%	9.19% 8.33%	8.47% 8.35%	8.55% 7.52%	6.13% 5.88%	6.98% 6.68%	
68		Oct-18 Nov-18	7.36%	7.21%	0.33% 7.77%	7.86%	7.32%	7.57%	6.23%	
70		Dec-18	8.87%	9.21%	8.30%	8.00%	8.72%	10.53%	8.91%	
71	l	Total	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	

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Liberty Utilities, NH Granite State Electric Sample Monthly Decoupling Calculation

	К	L	М	N	0	Р	Q	R	S	Т
	Hypothe	tical Actual	Domestic	Domestic - Opt. Peak	General TOU	General Long Hour	General Service	Limited All Electric	Ltd Comm Space Heating	Total
			DOD2	D10	G01	G02	G03	Т00	V00	
ſ	F	3ills								< Scenari
L		5113	1.0%	1.0%	0.0%	0.0%	0.0%	0.0%	0.0%	Input
	1	January	35,697	442	135	904	5,649	981	18	43,82
	2	February	35,545	445	135	906	5,663	975	18	43,6
	3	March	35,700	445	132	910	5,671	975	18	43,8
	4	April	35,682	447	131	901	5,688	967	18	43,8
	5 6	May	35,666	444	141	914	5,650	968	18	43,8
	7	June Ju l y	35,616 35,584	443 447	138 139	903 922	5,638 5,691	967 961	18 18	43,7 43,7
	8	August	37,505	445	143	942	5,902	1,034	19	45,9
	9	September	34,160	439	138	872	5,425	881	15	41,9
	10	October	35,902	444	141	906	5,680	956	17	44,0
	11	November	35,754	441 443	140	900	5,679	951 950	17	43,8
	12	December	36,013 428,824	5.325	145	902 10.882	<u>5,704</u> 68,040	11.566	211	44,1
Ŀ			420,024	5,525	1,000	10,002	00,040	11,000	211	<-= Scenar
	Distributio	on Revenues	2.0%	2,0%	-5.0%	-5.0%	-20.0%	-20.0%	-20.0%	< Scenar Input
ŀ		January	\$2,325,805	\$38,294	\$815,328	\$462,712	\$435,134	\$99.036	\$1,936	\$4,178,2
		February	\$1,966,811	\$35,537	\$809,086	\$463,061	\$410,502	\$81,239	\$1,719	\$3,767,9
		March	\$1,869,856	\$31,739	\$793,776	\$471,760	\$393,234	\$74,307	\$1,527	\$3,636,1
		April	\$1,840,861	\$29,928	\$797,630	\$457,249	\$383,406	\$65,546	\$1,454	\$3,576,0
		May	\$1,662,389	\$24,858	\$825,066	\$477,521	\$357,698	\$49,931	\$1,216	\$3,398,6
		June Ju l y	\$1,830,426 \$2,083,927	\$24,015 \$27,147	\$908,458 \$963,600	\$489,597 \$512,648	\$379,765	\$44,645 \$46,950	\$1,241 \$1,526	\$3,678,1
		August	\$2,083,927	\$27,147 \$30,205	\$963,600 \$1,013,171	\$524,031	\$404,434 \$437,669	\$50,738	\$1,526	\$4,040,2 \$4,342,0
		September	\$2,063,945	\$28,413	\$957,876	\$485,660	\$403,483	\$44,958	\$1,215	\$3,985,5
		October	\$1,686,623	\$23,306	\$868,201	\$478,499	\$354,676	\$43,131	\$1,163	\$3,455,5
		November	\$1,723,838	\$25,316	\$810,053	\$450,304	\$346,263	\$55,468	\$1,084	\$3,412,3
		December	\$2,076,784	\$32,329 351.087	\$866,038 10.428,283	\$458,637 5,731,679	\$411,222 4,717,486	\$77,223 733.172	\$1,551 17,409	\$3,923,7 45,394,8
- h			23,415,685	351,067	10,420,203	5,731,679	4,717,400	733,172	17,409	45,394,6
		Actual Revenue er (Actual RPC)								
Ŀ	1	January	\$65.15	\$86.64	\$6,039.47	\$511.85	\$77.03	\$100.95	\$107.56	
	2	February	\$55.33	\$79.86	\$5,993.23	\$511.10	\$72.49	\$83.32	\$95.50	
	3	March	\$52.38	\$71.32	\$6,013.45	\$518.42	\$69.34	\$76.21	\$84.83	
	4	Apri	\$51.59	\$66.95	\$6,088.78	\$507.49	\$67.41	\$67.78	\$80.78	
	5 6	May	\$46.61	\$55.99	\$5,851.53	\$522.45	\$63.31	\$51.58	\$67.56	
	7	June Ju l y	\$51.39 \$58.56	\$54.21 \$60.73	\$6,583.03 \$6,932.37	\$542.19 \$556.02	\$67.36 \$71.07	\$46.17 \$48.86	\$68.94 \$84.78	
	8	August	\$60.91	\$67.88	\$7,085.11	\$556.30	\$74.16	\$49.07	\$93.53	
	9	September	\$60.42	\$64.72	\$6,941.13	\$556.95	\$74.37	\$51.03	\$81.00	
	10	October	\$46.98	\$52.49	\$6,157.45	\$528.14	\$62.44	\$45.12	\$68.41	
	11	November	\$48.21	\$57.41	\$5,786.09	\$500.34	\$60.97	\$58.33	\$63.76	
	12	December	\$57.67	\$72.98	\$5,972.68	\$508.47	\$72.09	\$81.29	\$91.24	
ſ										
	Hypothetic	al Decoupling	Domestic	Domestic - Opt.	General TOU	General Long	General	Limited All	Ltd Comm	Total
	Calc	ulation		Peak		Hour	Service	Electric	Space Heating	
			DOD2	D10	G01	G02	G03	Т00	V00	
- F		Target RPC	\$64,51	\$85.71	\$6,357,33	\$538.79	\$96.29	\$126,19	\$134,44	
		Hypo. Act. RPC	\$65.15	\$86.64	\$6,039.47	\$511.85	\$77.03	\$100.95	\$107.56	
	January	Difference	\$0.6396	\$0.92	(\$317.87)	(\$26.94)	(\$19.26)	(\$25.24)	(\$26.89)	
	January	Hypo. Act. Bills	35,697	442	135	904	5,649	981	18	
╞	1	Decoupling								
	'	Adjustment	\$22,830	\$408	(\$42,912)	(\$24,353)	(\$108,784)	(\$24,759)	(\$484)	(\$178,0
										Refund / (Charg Customers
			Monthly Jo	ournal Entry		1				
			ount	Dr.	Cr.					
			ebit - Decoupling	\$178,054						
			ebit - Decoupling Revenues		(\$178,054)					
			ebit - Decoupling Revenues To accrue month	\$178,054 Iy decoupling adju ection on custome	stment for future					

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Liberty Utilities, NH Granite State Electric Hypothetical Decoupling Annual Calculation

			_		-	_		Ltd Comm	
Hypothetica	Decoupling Calculation	Domestic	Domestic Opt. Peak	Genera l TOU	General Long Hour	General Service	Limited A	Space Heating	
		DOD2	D10	G01	G02	G03	Т00	V00	
January	Target RPC	\$64.51	\$85.71	\$6,357.33	\$538.79	\$96.29	\$126.19	\$134.44	
1	Hypothetical Actual RPC	\$65.15	\$86.64	\$6,039.47	\$511.85	\$77.03	\$100.95	\$107.56	
	Difference	\$0.6396	\$0.92	(\$317.87)	(\$26.94)	(\$19.26)	(\$25.24)	(\$26.89)	
	Hypothetical Actual Bills	35,697	442	135	904	5,649	981	18	
	Decoupling Adjustment	\$22,830	\$408	(\$42,912)	(\$24,353)	(\$108,784)	(\$24,759)	(\$484)	(
February	Target RPC	\$54.79	\$79.00	\$6,308.66	\$538.01	\$90.61	\$104.15	\$119.39	
2	Hypothetical Actual RPC	\$55.33	\$79.86	\$5,993.23	\$511.10	\$72.49	\$83.32	\$95.50	
	Difference Hypothetica Actua Bils	\$0.5424 35,545	\$0.86 445	(\$315.43) 135	(\$26.90) 906	(\$18.12) 5,663	(\$20.83) 975	(\$23.89) 18	
	Decoupling Adjustment	\$19,279	\$381	(\$42,583)	(\$24,372)	(\$102,625)	(\$20,310)	(\$430)	(
March	Target RPC	\$51.86	\$70.56	\$6,329.95	\$545.70	\$86.68	\$95.27	\$106.06	
3	Hypothetical Actual RPC	\$52.38	\$71.32	\$6,013.45	\$518.42	\$69.34	\$76.21	\$84.83	
Ŭ	Difference	\$0.5142	\$0.76	(\$316.50)	(\$27.28)	(\$17.34)	(\$19.05)	(\$21.22)	
	Hypothetical Actual Bills	35,700	445	132	910	5,671	975	18	
	Decoupling Adjustment	\$18,356	\$340	(\$41,778)	(\$24,829)	(\$98,309)	(\$18,577)	(\$382)	(
April	Target RPC	\$51.08	\$66.23	\$6,409.24	\$534.20	\$84.26	\$84.73	\$101.00	
4	Hypothetical Actual RPC	\$51.59	\$66.95	\$6,088.78	\$507.49	\$67.41	\$67.78	\$80.78	
	Difference	\$0.5062	\$0.72	(\$320.46)	(\$26.71)	(\$16.85)	(\$16.95)	(\$20.22)	
	Hypothetical Actual Bills	35,682	447	131	901	5,688	967	18	
	Decoupling Adjustment	\$18,062	\$322	(\$41,980)	(\$24,066)	(\$95,851)	(\$16,387)	(\$364)	
May	Target RPC	\$46.15	\$55.39	\$6,159.50	\$549.95	\$79.14	\$64.48	\$84.44	
5	Hypothetical Actual RPC Difference	\$46.61 \$0.4571	\$55.99 \$0.60	\$5,851.53 (\$307.97)	\$522.45 (\$27.50)	\$63.31 (\$15.83)	\$51.58 (\$12.90)	\$67.56 (\$16.89)	
	Hypothetical Actual Bills	35,666	\$0.60 444	(\$307.97) 141	(\$27.50) 914	(\$15.65) 5,650	(\$12.90) 968	(\$10.09) 18	
	Decoupling Adjustment	\$16,304	\$265	(\$43,424)	(\$25,133)	(\$89,424)	(\$12,483)	(\$304)	
June	Target RPC	\$50.89	\$53.63	\$6,929.51	\$570.73	\$84.20	\$57.71	\$86.17	
6	Hypothetical Actual RPC	\$51,39	\$54,21	\$6,583.03	\$542.19	\$67.36	\$46.17	\$68,94	
	Difference	\$0.5033	\$0.58	(\$346.48)	(\$28.54)	(\$16.84)	(\$11.54)	(\$17.22)	
	Hypothetical Actual Bills	35,616	443	138	903	5,638	967	18	
	Decoupling Adjustment	\$17,927	\$256	(\$47,814)	(\$25,768)	(\$94,941)	(\$11,161)	(\$310)	
July	Target RPC	\$57.99	\$60.08	\$7,297.24	\$585.28	\$88.83	\$61.07	\$105.94	
7	Hypothetical Actual RPC	\$58.56	\$60.73	\$6,932.37	\$556.02	\$71.07	\$48.86	\$84.78	
	Difference	\$0.5747	\$0.65	(\$364.86)	(\$29.26)	(\$17.77)	(\$12.21)	(\$21.17)	
	Hypothetical Actual Bills	35,584	447	139	922	5,691	961	18	
	Decoupling Adjustment	\$20,449	\$292	(\$50,716)	(\$26,981)	(\$101,109)	(\$11,737)	(\$381)	
August 8	Target RPC Hypothetical Actual RPC	\$60.31 \$60.91	\$67.15 \$67.88	\$7,458.01 \$7,085.11	\$585.58 \$556.30	\$92.70 \$74.16	\$61.34 \$49.07	\$116.89 \$93.53	
8	Difference	\$0.5977	\$0.73	(\$372.90)	(\$29.28)	(\$18.54)	(\$12.27)	(\$23.37)	
	Hypothetical Actual Bills	37,505	445	(0072.00) 143	942	5,902	1,034	(\$20.07)	
	Decoupling Adjustment	\$22,417	\$323	(\$53,325)	(\$27,581)	(\$109,417)	(\$12,684)	(\$444)	
September	Target RPC	\$59.83	\$64.04	\$7,306.45	\$586.26	\$92.97	\$63.79	\$101.27	
9	Hypothetical Actual RPC	\$60.42	\$64.72	\$6,941.13	\$556.95	\$74.37	\$51.03	\$81.00	
	Difference Hypothetical Actual Bills	\$0.5928 34,160	\$0.69 439	(\$365.32) 138	(\$29.31) 872	(\$18.59) 5,425	(\$12.76) 881	(\$20.27) 15	
	Decoupling Adjustment	\$20,248	\$301	(\$50,414)	(\$25,561)	(\$100,871)	(\$11,239)	(\$304)	(
Ostabor	Target RPC	\$46.52	\$301	\$6,481.53	(\$25,561)	\$78.05	(\$11,239) \$56.40	(\$304) \$85.53	
October 10	Hypothetical Actual RPC	\$46.98	\$51.93	\$6,157.45	\$555.94 \$528.14	\$78.05 \$62.44	\$56.40 \$45.12	\$68.41	
	Difference	\$0.4612	\$0.56	(\$324.08)	(\$27.80)	(\$15.61)	(\$11.28)	(\$17.12)	
	Hypothetical Actual Bills	35,902	444	141	906	5,680	956	17	
	Decoupling Adjustment	\$16,557	\$249	(\$45,695)	(\$25,184)	(\$88,669)	(\$10,783)	(\$291)	(
November	Target RPC	\$47.74	\$56.80	\$6,090.62	\$526.67	\$76.22	\$72.91	\$79.71	
11	Hypothetical Actual RPC	\$48.21	\$57.41	\$5,786.09	\$500.34	\$60.97	\$58.33	\$63.76	
	Difference Hypothetical Actual Bills	\$0.4727 35,754	\$0.61 441	(\$304.53) 140	(\$26.33) 900	(\$15.24) 5,679	(\$14.58) 951	(\$15.94) 17	
	Decoupling Adjustment	\$16,901	\$269	(\$42,634)	(\$23,700)	(\$86,566)	(\$13,867)	(\$271)	(
December	Target RPC	\$16,901	\$269	\$6,287.03	\$535.23	(\$86,566)	(\$13,867) \$101.61	(\$271) \$114.06	
December 12	Hypothetical Actual RPC	\$57.10	\$72.20	\$5,972.68	\$535.23 \$508.47	\$90.12	\$81.29	\$114.06	
	Difference	\$0.5647	\$0.78	(\$314.35)	(\$26.76)	(\$18.02)	(\$20.32)	(\$22.82)	
	Hypothetical Actual Bills	36,013	443	145	902	5,704	950	17	

DE 19-064

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Annual D	eferral Calculation								Page 6
A	В	С	D	E	F	G	н	1	J
		A + B		C/D			(E • F) or (E • G)	D*H	C-I
Current Year Adjustment	Prior Years' Deferral Balance	Tota l Adjustment	Total Company Target Revenues	Percent of Total	"Soft	" Cap	Amount in excess of Cap %	Amount in excess of Cap \$	Annual A∎owed Adjustment
\$ (1,984,125)	\$ -	\$ (1,984,125)	\$ 47,146,327	-4.21%	-3.00%	3.00%	-1.21%	\$ (569,735)	\$ (1,414,390
								Deferral of excess to next year's calculation	Refund / (Charge to Customers
Rate 0	Class Allocation	DOD2	D10	G01	G02	G03	T00	V00	Tota
Class % of T	otal Distribution Revenues	48.69%	0.73%	23.28%	12.80%	12.51%	1.94%	0.05%	100.009
	Decoupling Adjustment	\$ (688,697)	\$ (10,326)	\$ (329,314)	\$ (181,000)	\$ (176,906)	\$ (27,494)	\$ (653)	\$ (1,414,390
8								· · · ·	
Bill Impacts for	r Purposes of Sensitivity		[
Ex	ample Only*	DOD2	D10	G01	G02	G03	Т00	V00	Tota
	kWh	278,824,882	5,629,249	379,184,992	147,993,116	88,095,304	15,352,073	328,389	915,408,005
L	\$/kWh	\$ 0.00247	\$ 0.00183	\$ 0.00087	\$ 0.00122	\$ 0.00201	\$ 0.00179	\$ 0.00199	\$ 0.00155
			1						1
	Use Per Customer (kWh)	650	1,057	228,700	13,600	1,295	1,327	1,556	1
wonuny	Monthly Impact			\$ 198,62		\$ 2,60		\$ 3.09	

 * Actual rate impact calculations will take into account both kWh and kW.

Liberty Utilities (Granite State Electric) Corp. d/b/a Liberty Distribution Revenues Subject to Decoupling

	Decoupling Year	(a)	(b)	(c.)
	Distribution Revenues	Effective	Effective	Effective
Line No.	Distribution Revenues	July 1, 2020	July 1, 2021	November 1, 2021
1	Base	\$ 43,710,962	\$ 46,437,733	\$ 48,300,840
2	Step	\$ 1,321,451	\$ 1,534,738	\$ 94,064
3	Reliability Enhancement Program	\$ 210,503	\$ 213,246	\$ -
4	Recoupment	\$ 917,996	\$ 103,688	\$
5	Rate Case Expense	\$ 276,821		
6	Additional Forecasted Revenue/Rounding	\$ -	\$ -	\$
7	Total	\$ 46,437,733	\$ 48,300,840	\$ 48,394,904
	Less Street Liebting Distribution Devenues	Effective	Effective	Effective
	Less: Street Lighting Distribution Revenues	July 1, 2020	July 1, 2021	November 1, 2021
8	Base	\$ 1,075,932	\$ 1,142,986	\$ 1,193,596
9	Step	\$ 32,501		
10	Reliability Enhancement Program	\$ 5,176		
11	Recoupment	\$ 29,377		\$
12	Rate Case Expense	\$ -	\$	÷ \$ -
13	Additional Forecasted Revenue/Rounding	\$ -	\$ -	\$ -
14	Total	\$ 1,142,986	\$ 1,193,596	\$ 1,195,835
		, , , , , , , , , , , , , , , , , , , ,		
		Effective	Effective	Effective
	Distribution Revenues Subject To Decoupling	July 1, 2020	July 1, 2021	November 1, 2021
15	Base	\$ 42,635,030		
16	Step	\$ 1,288,950		
17	Reliability Enhancement Program	\$ 205,327		
18	Recoupment	\$ 888,619		
19	Rate Case Expense	\$ 276,821		
10				
20	Additional Forecasted Revenue/Rounding	\$ -	s -	\$ -
20 21	Additional Forecasted Revenue/Rounding Total	\$ - \$ 45,294,747	\$ - \$ 47,107,244	\$ - \$ 47,199,069
			Ŧ	
			Ŧ	
21	Total	\$ 45,294,747	\$ 47,107,244	
21 Line	Total (a)	\$ 45,294,747 (b)	\$ 47,107,244 (c.)	
21 Line 1	Total (a) Bates 034 DE 19-064 Settlement Agreement filed May 26, 2020	\$ 45,294,747 (b) Prior year total	\$ 47,107,244 (c.) Prior year total	
21 Line 1 2	Total (a) Bates 034 DE 19-064 Settlement Agreement filed May 26, 2020 Approved in Docket No. DE 19-064 Order No. 26,377	\$ 45,294,747 (b) Prior year total Approved in Docket No. DE 19-064 Order No. 26,494	\$ 47,107,244 (c.) Prior year total Approved in Docket No. DE 19-064 Order No. 26,537	
21 Line 1 2 3	(a) Bates 034 DE 19-064 Settlement Agreement filed May 26, 2020 Approved in Docket No. DE 19-064 Order No. 26,377 Approved in Docket No. DE 20-036 Order No. 26,352	\$ 45,294,747 (b) Prior year total Approved in Docket No. DE 19-064 Order No. 26,494 Approved in Docket No. DE 21-049 Order No. 26,478	\$ 47,107,244 (c.) Prior year total Approved in Docket No. DE 19-064 Order No. 26,537 N/A	
21 Line 1 2 3 4	(a) Bates 034 DE 19-064 Settlement Agreement filed May 26, 2020 Approved in Docket No. DE 19-064 Order No. 26,377 Approved in Docket No. DE 20-036 Order No. 26,352 Bates 061 DE 19-064 Settlement Agreement filed May 26, 2020	\$ 45,294,747 (b) Prior year total Approved in Docket No. DE 19-064 Order No. 26,494 Approved in Docket No. DE 21-049 Order No. 26,494 Approved in Docket No. DE 19-064 Order No. 26,494	(c.) Prior year total Approved in Docket No. DE 19-064 Order No. 26,537 N/A N/A	
21 Line 1 2 3 4 5	(a) Bates 034 DE 19-064 Settlement Agreement filed May 26, 2020 Approved in Docket No. DE 19-064 Order No. 26,377 Approved in Docket No. DE 20-036 Order No. 26,352 Bates 061 DE 19-064 Settlement Agreement filed May 26, 2020 Bates 061 DE 19-064 Settlement Agreement filed May 26, 2020	\$ 45,294,747 (b) Prior year total Approved in Docket No. DE 19-064 Order No. 26,494 Approved in Docket No. DE 21-049 Order No. 26,494 Approved in Docket No. DE 19-064 Order No. 26,494	(c.) Prior year total Approved in Docket No. DE 19-064 Order No. 26,537 N/A N/A N/A	
21 Line 1 2 3 4 5 6	(a) Bates 034 DE 19-064 Settlement Agreement filed May 26, 2020 Approved in Docket No. DE 19-064 Order No. 26,337 Approved in Docket No. DE 20-036 Order No. 26,352 Bates 061 DE 19-064 Settlement Agreement filed May 26, 2020 N/A for 2020	\$ 45,294,747 (b) Prior year total Approved in Docket No. DE 19-064 Order No. 26,494 Approved in Docket No. DE 21-049 Order No. 26,494 Approved in Docket No. DE 19-064 Order No. 26,494 N/A for 2021	\$ 47,107,244 (c.) Prior year total Approved in Docket No. DE 19-064 Order No. 26,537 N/A N/A N/A N/A	
21 Line 1 2 3 4 5 6 7	(a) Bates 034 DE 19-064 Settlement Agreement filed May 26, 2020 Approved in Docket No. DE 19-064 Order No. 26,377 Approved in Docket No. DE 20-036 Order No. 26,352 Bates 061 DE 19-064 Settlement Agreement filed May 26, 2020 Bates 061 DE 19-064 Settlement Agreement filed May 26, 2020 N/A for 2020 Sum of lines 1 through 6	\$ 45,294,747 (b) Prior year total Approved in Docket No. DE 19-064 Order No. 26,494 Approved in Docket No. DE 21-049 Order No. 26,494 Approved in Docket No. DE 19-064 Order No. 26,494 N/A for 2021 Sum of lines 1 through 6	\$ 47,107,244 (c.) Prior year total Approved in Docket No. DE 19-064 Order No. 26,537 N/A N/A N/A N/A Sum of lines 1 through 6	
21 Line 1 2 3 4 5 6 7 8	(a) Bates 034 DE 19-064 Settlement Agreement filed May 26, 2020 Approved in Docket No. DE 19-064 Order No. 26,377 Approved in Docket No. DE 20-036 Order No. 26,352 Bates 061 DE 19-064 Settlement Agreement filed May 26, 2020 N/A for 2020 Sum of lines 1 through 6 Bates 034 DE 19-064 Settlement Agreement filed May 26, 2020	\$ 45,294,747 (b) Prior year total Approved in Docket No. DE 19-064 Order No. 26,494 Approved in Docket No. DE 21-049 Order No. 26,494 Approved in Docket No. DE 19-064 Order No. 26,494 N/A for 2021 Sum of lines 1 through 6 Prior year total	C.) Prior year total Approved in Docket No. DE 19-064 Order No. 26,537 N/A N/A N/A N/A N/A Sum of lines 1 through 6 Prior year total	
21 Line 1 2 3 4 5 6 7 8 9	Lang (a) Bates 034 DE 19-064 Settlement Agreement filed May 26, 2020 Approved in Docket No. DE 19-064 Order No. 26,377 Approved in Docket No. DE 20-036 Order No. 26,352 Bates 061 DE 19-064 Settlement Agreement filed May 26, 2020 Bates 061 DE 19-064 Settlement Agreement filed May 26, 2020 N/A for 2020 Sum of lines 1 through 6 Bates 034 DE 19-064 Settlement Agreement filed May 26, 2020 Allocated in Rate Calculation	\$ 45,294,747 (b) Prior year total Approved in Docket No. DE 19-064 Order No. 26,494 Approved in Docket No. DE 21-049 Order No. 26,494 Approved in Docket No. DE 19-064 Order No. 26,494 N/A for 2021 Sum of lines 1 through 6 Prior year total Allocated in Rate Calculation	\$ 47,107,244 (c.) Prior year total Approved in Docket No. DE 19-064 Order No. 26,537 N/A N/A N/A N/A N/A Sum of lines 1 through 6 Prior year total Allocated in Rate Calculation	
21 Line 1 2 3 4 5 6 7 8 9 10	Lang (a) Bates 034 DE 19-064 Settlement Agreement filed May 26, 2020 Approved in Docket No. DE 19-064 Order No. 26,337 Approved in Docket No. DE 20-036 Order No. 26,352 Bates 061 DE 19-064 Settlement Agreement filed May 26, 2020 N/A for 2020 Sum of lines 1 through 6 Bates 034 DE 19-064 Settlement Agreement filed May 26, 2020 Allocated in Rate Calculation	(b) Prior year total Approved in Docket No. DE 19-064 Order No. 26,494 Approved in Docket No. DE 21-049 Order No. 26,478 Approved in Docket No. DE 19-064 Order No. 26,478 Approved in Docket No. DE 19-064 Order No. 26,494 N/A for 2021 Sum of lines 1 through 6 Prior year total Allocated in Rate Calculation Allocated in Rate Calculation	\$ 47,107,244 (c.) Prior year total Approved in Docket No. DE 19-064 Order No. 26,537 N/A N/A N/A N/A N/A Sum of lines 1 through 6 Prior year total Allocated in Rate Calculation Allocated in Rate Calculation	
21 Line 1 2 3 4 5 6 7 8 9 10 11	(a) Bates 034 DE 19-064 Settlement Agreement filed May 26, 2020 Approved in Docket No. DE 19-064 Order No. 26,377 Approved in Docket No. DE 20-036 Order No. 26,352 Bates 061 DE 19-064 Settlement Agreement filed May 26, 2020 N/A for 2020 Sum of lines 1 through 6 Bates 034 DE 19-064 Settlement Agreement filed May 26, 2020 Allocated in Rate Calculation Allocated in Rate Calculation	(b) Prior year total Approved in Docket No. DE 19-064 Order No. 26,494 Approved in Docket No. DE 21-049 Order No. 26,494 Approved in Docket No. DE 19-064 Order No. 26,494 Approved in Docket No. DE 19-064 Order No. 26,494 N/A for 2021 Sum of lines 1 through 6 Prior year total Allocated in Rate Calculation Allocated in Rate Calculation Allocated in Rate Calculation	(c.) Prior year total Approved in Docket No. DE 19-064 Order No. 26,537 N/A N/A N/A N/A N/A Sum of lines 1 through 6 Prior year total Allocated in Rate Calculation Allocated in Rate Calculation Allocated in Rate Calculation	
21 Line 1 2 3 4 5 6 7 8 9 10 11 12	Label (a) Bates 034 DE 19-064 Settlement Agreement filed May 26, 2020 Approved in Docket No. DE 19-064 Order No. 26,337 Approved in Docket No. DE 20-036 Order No. 26,352 Bates 061 DE 19-064 Settlement Agreement filed May 26, 2020 Bates 061 DE 19-064 Settlement Agreement filed May 26, 2020 Sum of lines 1 through 6 Bates 03D DE 19-064 Settlement Agreement filed May 26, 2020 Allocated in Rate Calculation Allocated in Rate Calculation Allocated in Rate Calculation Allocated in Rate Calculation	(b) Prior year total Approved in Docket No. DE 19-064 Order No. 26,494 Approved in Docket No. DE 21-049 Order No. 26,494 Approved in Docket No. DE 21-049 Order No. 26,478 Approved in Docket No. DE 19-064 Order No. 26,494 Approved in Docket No. DE 19-064 Order No. 26,494 N/A for 2021 Sum of lines 1 through 6 Prior year total Allocated in Rate Calculation	\$ 47,107,244 (c.) Prior year total Approved in Docket No. DE 19-064 Order No. 26,537 N/A N/A N/A N/A N/A Sum of lines 1 through 6 Prior year total Allocated in Rate Calculation	
21 Line 1 2 3 4 5 6 7 8 9 10 11 12 13	Label (a) Bates 034 DE 19-064 Settlement Agreement filed May 26, 2020 Approved in Docket No. DE 19-064 Order No. 26,377 Approved in Docket No. DE 20-036 Order No. 26,352 Bates 061 DE 19-064 Settlement Agreement filed May 26, 2020 Bates 061 DE 19-064 Settlement Agreement filed May 26, 2020 N/A for 2020 Sum of lines 1 through 6 Bates 034 DE 19-064 Settlement Agreement filed May 26, 2020 Allocated in Rate Calculation N/A for 2020	(b) Prior year total Approved in Docket No. DE 19-064 Order No. 26,494 Approved in Docket No. DE 19-064 Order No. 26,494 Approved in Docket No. DE 19-064 Order No. 26,494 Approved in Docket No. DE 19-064 Order No. 26,494 N/A for 2021 Sum of lines 1 through 6 Prior year total Allocated in Rate Calculation Allocated in Rate Calculation Allocated in Rate Calculation N/A for 2021	\$ 47,107,244 (c.) Prior year total Approved in Docket No. DE 19-064 Order No. 26,537 N/A N/A N/A N/A N/A Sum of lines 1 through 6 Prior year total Allocated in Rate Calculation Allocated in Rate Calculation Allocated in Rate Calculation N/A for 2021	
21 Line 1 2 3 4 5 6 7 8 9 10 11 12 13 14	Lang (a) Bates 034 DE 19-064 Settlement Agreement filed May 26, 2020 Approved in Docket No. DE 19-064 Order No. 26,337 Approved in Docket No. DE 20-036 Order No. 26,352 Bates 061 DE 19-064 Settlement Agreement filed May 26, 2020 N/A for 2020 Sum of lines 1 through 6 Bates 061 De 19-064 Settlement Agreement filed May 26, 2020 Allocated in Rate Calculation N/A for 2020 Sum of lines 8 through 12	(b) Prior year total Approved in Docket No. DE 19-064 Order No. 26,494 Approved in Docket No. DE 21-049 Order No. 26,494 Approved in Docket No. DE 21-049 Order No. 26,494 N/A for 2021 Sum of lines 1 through 6 Prior year total Allocated in Rate Calculation N/A for 2021 Sum of lines 8 through 12	\$ 47,107,244 (c.) Prior year total Approved in Docket No. DE 19-064 Order No. 26,537 N/A N/A N/A N/A N/A Sum of lines 1 through 6 Prior year total Allocated in Rate Calculation N/A for 2021 Sum of lines 8 through 12	
21 Line 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	(a) Bates 034 DE 19-064 Settlement Agreement filed May 26, 2020 Approved in Docket No. DE 19-064 Order No. 26,377 Approved in Docket No. DE 20-036 Order No. 26,352 Bates 061 DE 19-064 Settlement Agreement filed May 26, 2020 Bates 061 DE 19-064 Settlement Agreement filed May 26, 2020 Sum of lines 1 through 6 Bates 034 DE 19-064 Settlement Agreement filed May 26, 2020 Allocated in Rate Calculation Allocated in Rate Calculation Allocated in Rate Calculation Allocated in Rate Calculation N/A for 2020 Sum of lines 8 through 12 Line 1 - Line 8	(b) Prior year total Approved in Docket No. DE 19-064 Order No. 26,494 Approved in Docket No. DE 21-049 Order No. 26,494 Approved in Docket No. DE 21-049 Order No. 26,494 Approved in Docket No. DE 19-064 Order No. 26,494 N/A for 2021 Sum of lines 1 through 6 Prior year total Allocated in Rate Calculation Sum of lines 8 through 12 Line 1 - Line 8	(c.) Prior year total Approved in Docket No. DE 19-064 Order No. 26,537 N/A N/A N/A N/A N/A Sum of lines 1 through 6 Prior year total Allocated in Rate Calculation Allocated in Rate Calculation Allocated in Rate Calculation N/A for 2021 Sum of lines 8 through 12 Line 1 - Line 8	
21 Line 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	Lang Lang Bates 034 DE 19-064 Settlement Agreement filed May 26, 2020 Approved in Docket No. DE 19-064 Order No. 26,377 Approved in Docket No. DE 20-036 Order No. 26,352 Bates 061 DE 19-064 Settlement Agreement filed May 26, 2020 Bates 061 DE 19-064 Settlement Agreement filed May 26, 2020 Sum of lines 1 through 6 Bates 051 DE 19-064 Settlement Agreement filed May 26, 2020 Allocated in Rate Calculation Allocated in Rate Calculation Allocated in Rate Calculation Allocated in Rate Calculation N/A for 2020 Sum of lines 8 through 12 Line 1 - Line 8 Line 2 - Line 9	\$ 45,294,747 (b) Prior year total Approved in Docket No. DE 19-064 Order No. 26,494 Approved in Docket No. DE 21-049 Order No. 26,494 Approved in Docket No. DE 21-049 Order No. 26,494 N/A for 2021 Sum of lines 1 through 6 Prior year total Allocated in Rate Calculation Allocated in Rate Calculation Allocated in Rate Calculation Allocated in Rate Calculation Allocated in Rate Calculation N/A for 2021 Sum of lines 8 through 12 Line 1 - Line 8 Line 2 - Line 9	\$ 47,107,244 (c.) Prior year total Approved in Docket No. DE 19-064 Order No. 26,537 N/A N/A N/A N/A N/A N/A N/A Prior year total Allocated in Rate Calculation Allocated in Rate Calculation Allocated in Rate Calculation N/A for 2021 Sum of lines 8 through 12 Line 1- Line 8 Line 2 - Line 9	
21 Line 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	Lang Lang Bates 034 DE 19-064 Settlement Agreement filed May 26, 2020 Approved in Docket No. DE 19-064 Order No. 26,377 Approved in Docket No. DE 20-036 Order No. 26,352 Bates 061 DE 19-064 Settlement Agreement filed May 26, 2020 NA for 2020 Sum of lines 1 through 6 Bates 061 DE 19-064 Settlement Agreement filed May 26, 2020 Allocated in Rate Calculation Allocated in Rate Calculation Allocated in Rate Calculation Allocated in Rate Calculation N/A for 2020 Sum of lines 8 through 12 Line 2 - Line 8 Line 2 - Line 9 Line 3 - Line 10	(b) Prior year total Approved in Docket No. DE 19-064 Order No. 26,494 Approved in Docket No. DE 19-064 Order No. 26,494 Approved in Docket No. DE 12-049 Order No. 26,494 Approved in Docket No. DE 19-064 Order No. 26,494 N/A for 2021 Sum of lines 1 through 6 Prior year total Allocated in Rate Calculation N/A for 2021 Sum of lines 8 through 12 Line 1 - Line 8 Line 2 - Line 9 Line 3 - Line 10	(c.) Prior year total Approved in Docket No. DE 19-064 Order No. 26,537 N/A N/A N/A N/A N/A Sum of lines 1 through 6 Prior year total Allocated in Rate Calculation N/A for 2021 Sum of lines 8 through 12 Line 1 - Line 9 Line 2 - Line 9 Line 3 - Line 10	
21 Line 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	Lang (a) Bates 034 DE 19-064 Settlement Agreement filed May 26, 2020 Approved in Docket No. DE 19-064 Order No. 26,377 Approved in Docket No. DE 20-036 Order No. 26,352 Bates 061 DE 19-064 Settlement Agreement filed May 26, 2020 N/A for 2020 Sum of lines 1 through 6 Bates 061 DE 49-064 Settlement Agreement filed May 26, 2020 Allocated in Rate Calculation Allocated in Rate Calculation Allocated in Rate Calculation Allocated in Rate Calculation N/A for 2020 Sum of lines 8 through 12 Line 1 - Line 8 Line 2 - Line 9 Line 4 - Line 10	(b) Prior year total Approved in Docket No. DE 19-064 Order No. 26,494 Approved in Docket No. DE 21-049 Order No. 26,494 Approved in Docket No. DE 21-049 Order No. 26,494 N/A for 2021 Sum of lines 1 through 6 Prior year total Allocated in Rate Calculation N/A for 2021 Sum of lines 8 through 12 Line 1 - Line 8 Line 2 - Line 9 Line 3 - Line 10 Line 4 - Line 11	(c) Prior year total Approved in Docket No. DE 19-064 Order No. 26,537 N/A N/A N/A N/A N/A N/A Sum of lines 1 through 6 Prior year total Allocated in Rate Calculation Line 4 - Line 8 Line 2 - Line 9 Line 4 - Line 11	

Liberty Utilities (Granite State Electric) Corp. d/b/a Liberty Annual Target Revenues by Rate Class

Line No.	Rate Year (No Decoupling) Allowed Revenue Requirement 7/1/2020 - 6/30/2021	Domestic DOD2	Domestic - Opt. Peak D10	General TOU G01	General Long Hour G02	General Service G03	Limited All Electric T00	Ltd Comm Space Heating V00	Total
1	Distribution Revenue Requirement	\$20,759,906	\$311,269	\$9,926,770	\$5,456,032	\$5,332,602	\$828,772	\$19,679	\$ 42,635,030
2	Step Increase	\$627,617	\$9,410	\$300,108	\$164,948	\$161,216	\$25,056	\$595	\$ 1,288,950
3	Reliability Enhancement Program	\$99,978	\$1,499	\$47,807	\$26,276	\$25,681	\$3,991	\$95	\$ 205,327
5	Recoupment	\$432,688	\$6,488	\$206,898	\$113,717	\$111,145	\$17,274	\$410	\$ 888,619
6	Rate Case expenses	\$134,790	\$2,021	\$64,453	\$35,425	\$34,624	\$5,381	\$128	\$ 276,821
7	Additional Forecasted Revenue/Rounding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$-
8	Total Target Revenues	\$22,054,980	\$330,687	\$10,546,035	\$5,796,398	\$5,665,267	\$880,473	\$20,906	\$45,294,747

	Decoupling Year 1: Allowed Revenue Requirement 7/1/2021 - 10/31/2021	Domestic DOD2	Domestic - Opt. Peak D10	General TOU G01	General Long Hour G02	General Service G03	Limited All Electric T00	Ltd Comm Space Heating V00	Total
9	Distribution Revenue Requirement	\$22,054,980	\$330,687	\$10,546,035	\$5,796,398	\$5,665,267	\$880,473	\$20,906	\$ 45,294,747
10	Step Increase	\$725,138	\$10,873	\$346,739	\$190,578	\$186,266	\$28,949	\$687	\$ 1,489,230
11	Reliability Enhancement Program	\$101,350	\$1,520	\$48,462	\$26,636	\$26,034	\$4,046	\$96	\$ 208,144
12	Recoupment	\$50,488	\$757	\$24,142	\$13,269	\$12,969	\$2,016	\$48	\$ 103,688
13	Rate Case expenses	\$5,568	\$83	\$2,662	\$1,463	\$1,430	\$222	\$5	\$ 11,435
14	Additional Forecasted Revenue/Rounding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$ -
15	Total Target Revenues	\$22,937,523	\$343,920	\$10,968,041	\$6,028,344	\$5,891,966	\$915,706	\$21,743	\$47,107,244

	Decoupling Year 1: Allowed Revenue Requirement 11/1/2021 - 6/30/2022	Domestic	Domestic - Opt. Peak	General TOU	General Long Hour	General Service	Limited All Electric	Ltd Comm Space Heating	Total
	11/1/2021 - 0/30/2022	DOD2	D10	G01	G02	G03	тоо	V00	
16	Distribution Revenue Requirement	\$22,937,523	\$343,920	\$10,968,041	\$6,028,344	\$5,891,966	\$915,706	\$21,743	\$ 47,107,244
17	Step Increase	\$44,711	\$670	\$21,380	\$11,751	\$11,485	\$1,785	\$42	\$ 91,825
18	Reliability Enhancement Program	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$-
19	Recoupment	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$-
20	Rate Case expenses	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$-
21	Additional Forecasted Revenue/Rounding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$-
22	Total Target Revenues	\$22,982,235	\$344,590	\$10,989,421	\$6,040,095	\$5,903,452	\$917,491	\$21,785	\$47,199,069

	Normalized Test Year Revenues (used to								
	spread Annual Allowed Revenues Among the								
	Classes)	D-05 & -06	D-10	G-1	G-2	G-3	Т	V	Total
23	Jul-18	\$1,694,413	\$22,074	\$841,222	\$447,540	\$419,271	\$48,672	\$1,582	\$3,474,773
24	Aug-18	\$1,857,431	\$24,560	\$884,497	\$457,478	\$453,725	\$52,599	\$1,842	\$3,732,132
25	Sep-18	\$1,678,165	\$23,102	\$836,223	\$423,981	\$418,285	\$46,607	\$1,260	\$3,427,623
26	Oct-18	\$1,371,371	\$18,950	\$757,938	\$417,729	\$367,687	\$44,713	\$1,206	\$2,979,594
27	Nov-18	\$1,401,629	\$20,584	\$707,174	\$393,114	\$358,966	\$57,503	\$1,124	\$2,940,094
28	Dec-18	\$1,688,605	\$26,286	\$756,050	\$400,390	\$426,308	\$80,056	\$1,608	\$3,379,303
29	Jan-18	\$1,891,081	\$31,136	\$711,780	\$403,946	\$451,098	\$102,669	\$2,007	\$3,593,716
30	Feb-18	\$1,599,187	\$28,894	\$706,330	\$404,252	\$425,561	\$84,220	\$1,783	\$3,250,227
31	Mar-18	\$1,520,355	\$25,807	\$692,966	\$411,845	\$407,660	\$77,033	\$1,583	\$3,137,249
32	Apr-18	\$1,496,779	\$24,334	\$696,329	\$399,178	\$397,471	\$67,951	\$1,507	\$3,083,549
33	May-18	\$1,351,666	\$20,212	\$720,281	\$416,875	\$370,820	\$51,763	\$1,260	\$2,932,877
34	Jun-18	\$1,488,295	\$19,526	\$793,083	\$427,417	\$393,696	\$46,282	\$1,287	\$3,169,586
35		\$19,038,977	\$285,466	\$9,103,872	\$5,003,744	\$4,890,546	\$760,069	\$18,047	\$39,100,722
36	Percent of Total	48.69%	0.73%	23.28%	12.80%	12.51%	1.94%	0.05%	100.00%

	Normalized Test Year Revenue Allocator	D	D-10	G-1	G-2	G-3	т	v
37	Jul-18	8.90%	7.73%	9.24%	8.94%	8.57%	6.40%	8.77%
38	Aug-18	9.76%	8.60%	9.72%	9.14%	9.28%	6.92%	10.21%
39	Sep-18	8.81%	8.09%	9.19%	8.47%	8.55%	6.13%	6.98%
40	Oct-18	7.20%	6.64%	8.33%	8.35%	7.52%	5.88%	6.68%
41	Nov-18	7.36%	7.21%	7.77%	7.86%	7.34%	7.57%	6.23%
42	Dec-18	8.87%	9.21%	8.30%	8.00%	8.72%	10.53%	8.91%
43	Jan-18	9.93%	10.91%	7.82%	8.07%	9.22%	13.51%	11.12%
44	Feb-18	8.40%	10.12%	7.76%	8.08%	8.70%	11.08%	9.88%
45	Mar-18	7.99%	9.04%	7.61%	8.23%	8.34%	10.14%	8.77%
46	Apr-18	7.86%	8.52%	7.65%	7.98%	8.13%	8.94%	8.35%
47	May-18	7.10%	7.08%	7.91%	8.33%	7.58%	6.81%	6.98%
48	Jun-18	7.82%	6.84%	8.71%	8.54%	8.05%	6.09%	7.13%
49	Total	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

	А	В	С	D	E	F	G	н	I	J
	Decoupling Ye 7/1/2021 - 6/30		Domestic	Domestic - Opt. Peak	General TOU	General Long Hour	General Service	Limited All Electric	Ltd Comm Space Heating	Total
Line No.	//1/2021-0/50	0/2022	DOD2	D10	G01	G02	G03	T00	V00	
	Bills	(Test Year Eq	uivalent Bills)	-						
1	7	Jul-18	35,232	443	139	922	5,691	961	18	43,406
2	8	Aug-18	37,134	441	143	942	5,902	1,034	19	45,615
3	9	Sep-18	33,822	435	138	872	5,425	881	15	41,588
4	10	Oct-18	35,547	440	141	906	5,680	956	17	43,687
5	11	Nov-18	35,400	437	140	900	5,679	951	17	43,524
6	12	Dec-18	35,656	439	145	902	5,704	950	17	43,813
7	1	Jan-18	35,344	438	135	904	5,649	981	18	43,469
8	2	Feb-18	35,193	441	135	906	5,663	975	18	43,331
9	3	Mar-18	35,347	441	132	910	5,671	975	18	43,494
10	4	Apr-18	35,329	443	131	901	5,688	967	18	43,477
11	5	May-18	35,313	440	141	914	5,650	968	18	43,444
12	6	Jun-18	35,263	439	138	903	5,638	967	18	43,366
13			424,580	5,277	1,658	10,882	68,040	11,566	211	522,214
14	Distribution Revenues	(Settlemer	t Allowed)							
15	7	July	\$2,041,372	\$26,593	\$1,013,476	\$539,181	\$505,124	\$58,638	\$1,906	\$4,186,291
16	8	August	\$2,237,771	\$29,589	\$1,065,612	\$551,155	\$546,632	\$63,370	\$2,219	\$4,496,348
17	9	September	\$2,021,798	\$27,833	\$1,007,454	\$510,798	\$503,935	\$56,151	\$1,518	\$4,129,486
18	10	October	\$1,652,182	\$22,830	\$913,139	\$503,266	\$442,977	\$53,869	\$1,453	\$3,589,715
19	11	November	\$1,691,927	\$24,848	\$853,641	\$474,534	\$433,313	\$69,413	\$1,356	\$3,549,032
20	12	December	\$2,038,341	\$31,730	\$912,639	\$483,317	\$514,603	\$96,637	\$1,941	\$4,079,207
21	1	January	\$2,282,752	\$37,585	\$859,201	\$487,610	\$544,527	\$123,934	\$2,422	\$4,338,029
22	2	February	\$1,930,403	\$34,879	\$852,622	\$487,978	\$513,701	\$101,663	\$2,152	\$3,923,397
23	3	March	\$1,835,243	\$31,152	\$836,489	\$497,144	\$492,092	\$92,988	\$1,911	\$3,787,020
24	4	April	\$1,806,785	\$29,374	\$840,549	\$481,853	\$479,793	\$82,025	\$1,820	\$3,722,198
25	5	May	\$1,631,616	\$24,399	\$869,462	\$503,216	\$447,622	\$62,483	\$1,521	\$3,540,319
26	6	June	\$1,796,543	\$23,571	\$957,342	\$515,941	\$475,237	\$55,868	\$1,553	\$3,826,054
27 28			22,966,732	344,382	10,981,624	6,035,993	5,899,556	917,039	21,771	47,167,097
28	Monthly Target Revenue (Monthly RE									
29	7	July	\$57.94	\$60.03	\$7,291.19	\$584.80	\$88.76	\$61.02	\$105.88	
30	8	August	\$60.26	\$67.09	\$7,451.83	\$585.09	\$92.62	\$61.29	\$116.78	
31	9	September	\$59.78	\$63.98	\$7,300.39	\$585.78	\$92.89	\$63.74	\$101.20	
32	10	October	\$46.48	\$51.89	\$6,476.16	\$555.48	\$77.99	\$56.35	\$85.46	
33	11	November	\$47.79	\$56.86	\$6,097.44	\$527.26	\$76.30	\$72.99	\$79.79	
34	12	December	\$57.17	\$72.28	\$6,294.06	\$535.83	\$90.22	\$101.72	\$114.16	
35	1	January	\$64.59	\$85.81	\$6,364.45	\$539.39	\$96.39	\$126.33	\$134.57	
36	2	February	\$54.85	\$79.09	\$6,315.72	\$538.61	\$90.71	\$104.27	\$119.54	
37	3	March	\$51.92	\$70.64	\$6,337.04	\$546.31	\$86.77	\$95.37	\$106.15	
38	4	April	\$51.14	\$66.31	\$6,416.41	\$534.80	\$84.35	\$84.82	\$101.09	
39	5	May	\$46.20	\$55.45	\$6,166.40	\$550.56	\$79.23	\$64.55	\$84.52	
40	6	June	\$50.95	\$53.69	\$6,937.26	\$571.36	\$84.29	\$57.77	\$86.28	

	А	В	С	D	E	F	G	Н	I	J
41			Domestic		General TOU					
42	Actua	al		Domestic -		General Long	General	Limited All	Ltd Comm	Total
43 44	Equivalen	t Bills	DOD2 Val	D10 ues below are in	G01	G02	G03 hlv hills adjuste	T00 d to equivelant bi	V00	
44 45	7	Jul-21	36.600	440	145	960	5.847	861	16	44.869
45 46	8	Aug-21	36.431	440	145	960	5.795	861	16	44.869
40	9	Sep-21	37,132	439	143	963	5,839	865	15	45,398
47	10	Oct-21	36.429	436	140	982	5,835	852	15	44,710
48 49	10	Nov-21	36.551	430	144	982 951	5.730	852	15	44.710
49 50	12	Dec-21	36.551	430	144	979	5.839	860	18	44.838
51	1	Jan-22	37.099	442	131	961	5.882	853	16	44.838
52	2	Feb-22	36.867	441	147	982	5.807	859	16	45.114
53	3	Mar-22	37.232	428	155	969	5.926	857	16	45.591
54	4	Apr-22	37,057	433	130	976	5,838	850	15	45,346
55	5	May-22 Jun-22	37.160 36.878	439 439	152 163	962 1.004	5.870 5.875	857 855	17 16	45.457 45.230
56	6	Jun-22	<u>36.878</u> 441.987	5.268	1.803	1.004	<u>5.8/5</u> 70.094	10.291	16	45.230 541.290
57 58	Distribution F	Revenues	441.987			s, and represent			192	541.290
58 59	7	Jul-21	\$2.254.571	\$29,137	\$969.302	\$512.875	\$501.971	\$54.227	\$1.463	\$4.323.545
60	8	Aug-21	\$2,196,318	\$28,807	\$958,081	\$505,630	\$502,842	\$52,177	\$1,518	\$4,245,373
61	9	Sep-21	\$2,187,207	\$28,509	\$978,870	\$514,568	\$509,303	\$51,318	\$1,106	\$4,270,881
62	10	Oct-21	\$1.713.325	\$21.593	\$899.565	\$491.321	\$431.048	\$44.556	\$923	\$3.602.330
63	11	Nov-21	\$1.773.694	\$23.633	\$828.966	\$474.059	\$413.999	\$57.931	\$1.827	\$3.574.108
64	12 1	Dec-21	\$2.045.415	\$30.631	\$871.211	\$490.456	\$481.442	\$77.979	\$1.507	\$3.998.641
65		Jan-22	\$2,267,135	\$36,491	\$832,036	\$490,680	\$515,261	\$92,368	\$1,677	\$4,235,647
66	2	Feb-22	\$2,236,466	\$35,491	\$822,070	\$506,277	\$537,707	\$97,784	\$2,044	\$4,237,839
67	-	Mar-22	\$2,097,294	\$31,016	\$858,120	\$483,535	\$521,041	\$84,105	\$1,783	\$4,076,894
68	4	Apr-22	\$1,926,314	\$29,191	\$847,178	\$488,788	\$481,706	\$71,688	\$1,382	\$3,846,247
69	5	May-22	\$1.746.532	\$23.409	\$864.662	\$476.194	\$431.935	\$54.192	\$1.394	\$3.598.317
70	6	Jun-22	\$1.857.434	\$22.805	\$907.046	\$511.836	\$450.382	\$45.716	\$1.331	\$3.796.550
71	Actual Revenue F	Des Custemes	24.301.705	340.712	10.637.108	5.946.218	5.778.637	784.039	17.954	47.806.373
72										
70	(Actual I 7	Jul-21	¢64.60	<i>666</i> .00	¢6,604,04	6524.24	605 OF	¢62.00	604.44	
73 74	8	Aug-21	\$61.60 \$60.29	\$66.22 \$65.62	\$6.684.84	\$534.24 \$523.43	\$85.85 \$86.77	\$62.98	\$91.41	
74	9	Sep-21	\$58.90	\$65.02	\$6,607.46 \$6,704.59	\$523.43 \$534.34	\$80.77	\$60.60 \$59.33	\$94.85 \$73.71	
-										
76	10	Oct-21	\$47.03	\$49.53	\$5,997.10	\$500.33	\$73.73	\$52.30	\$61.51	
77	11 12	Nov-21	\$48.53	\$54.96	\$5,756.71	\$498.48	\$72.25	\$67.28	\$101.51	
78		Dec-21	\$55.96	\$69.30	\$5,769.61	\$500.98	\$82.45	\$90.67	\$94.21	
79	1	Jan-22	\$61.11	\$82.75	\$5,660.11	\$510.59	\$87.60	\$108.29	\$104.79	
80	2	Feb-22	\$60.66	\$82.92	\$5,303.68	\$515.56	\$92.60	\$113.83	\$127.74	
81	-	Mar-22	\$56.33	\$71.30	\$5,500.77	\$499.00	\$87.92	\$98.14	\$111.46	
82	4	Apr-22	\$51.98	\$63.32	\$5,685.76	\$500.81	\$82.51	\$84.34	\$92.13	
83	5	May-22	\$47.00	\$53.32	\$5.688.57	\$495.00	\$73.58	\$63.23	\$81.97	
84	6	Jun-22	\$50.37	\$51.95	\$5.564.70	\$509.80	\$76.66	\$53.47	\$83.22	

A	B 1 2	C 3	D 4	5	6	G 7	H 8	9	
A	В	С	D	E	F	G	н	1	J Total
Decoupling C Decoupling		Domestic	Domestic - Opt. Peak	General TOU	General Long Hour	General Service	Limited All Electric	Ltd Comm Space Heating	Refund / (Charge) Customers
Jul 21	Target RDC	DOD2	D10	601	G02	G03	T00	V00	
Jul-21 7	Target RPC Actual RPC	\$57.94 \$61.60	\$60.03 \$66.22	\$7,291.19 \$6.684.84	\$584.80 \$534.24	\$88.76 \$85.85	\$61.02 \$62.98	\$105.88 \$91.41	
	Difference	\$3.6594	\$6.1911	(\$606.3489)	(\$50.5506)	(\$2.9073)	\$1.9635	(\$14.4756)	•
	Actual Bills	36.600 \$133,935	440 \$2,724	145 (\$87,921)	960 (\$48,529)	<u>5.847</u> (\$16,999)	861 \$1,691	16 (\$232)	(\$15,33
Aug-21	Decoupling Target RPC	\$60.26	\$67.09	\$7,451.83	\$585.09	\$92.62	\$61.29	\$116.78	(\$15,53
8	Actual RPC	\$60.29	\$65.62	\$6,607.46	\$523.43	\$86.77	\$60.60	\$94.85	
	Difference	\$0.0250	(\$1.4750)	(\$844.3749)	(\$61.6633)	(\$5.8464)	(\$0.6861)	(\$21.9335)	
	Actual Bills Decoupling	36,431	439	145	966	5,795	861	16	1
	Adjustment	\$911	(\$648)	(\$122,434)	(\$59,567)	(\$33,880)	(\$591)	(\$351)	(\$216,5
Sep-21	Target RPC	\$59.78	\$63.98	\$7,300.39	\$585.78	\$92.89	\$63.74	\$101.20	
9	Actual RPC	\$58.90	\$65.09	\$6,704.59	\$534.34	\$87.22	\$59.33	\$73.71	
	Difference	(\$0.8740)	\$1.1044	(\$595.7991)	(\$51.4382)	(\$5.6671)	(\$4.4081)	(\$27.4904)	
	Actual Bills	37,132	438	146	963	5,839	865	15	
	Decoupling	(\$32,454)	\$484	(\$86,987)	(\$49,535)	(\$33,090)	(\$3,813)	(\$412)	(\$205,80
0+1 21	Adjustment	\$46.48	\$51.89	\$6,476.16	\$555.48	\$77.99	\$56.35	\$85.46	
Oct-21 10	Target RPC Actual RPC	\$46.48 \$47.03	\$51.89 \$49.53	\$6,476.16 \$5,997.10	\$555.48 \$500.33	\$77.99 \$73.73	\$56.35	\$85.46 \$61.51	
	Difference	\$0.5531	(\$2.3610)	(\$479.0596)	(\$55.1541)	(\$4.2551)	(\$4.0534)	(\$23.9513)	
	Actual Bills	36,429	436	150	982	5,846	852	(\$25.5515) 15	
	Decoupling	\$20,149	(\$1,029)	(\$71,859)	(\$54,161)	(\$24,875)	(\$3,454)	(\$359)	(\$135,58
	Adjustment								(\$133,58
Nov-21	Target RPC	\$47.79	\$56.86	\$6,097.44	\$527.26	\$76.30	\$72.99	\$79.79	
11	Actual RPC	\$48.53	\$54.96	\$5,756.71	\$498.48	\$72.25	\$67.28	\$101.51	
	Difference Actual Bills	\$0.7320 36,551	(\$1.8994) 430	(\$340.7288) 144	(\$28.7758) 951	(\$4.0497) 5,730	(\$5.7061) 861	\$21.7180 18	
	Decoupling								
	Adjustment	\$26,755	(\$817)	(\$49,065)	(\$27,366)	(\$23,205)	(\$4,913)	\$391	(\$78,22
Dec-21	Target RPC	\$57.17	\$72.28	\$6,294.06	\$535.83	\$90.22	\$101.72	\$114.16	
12	Actual RPC	\$55.96	\$69.30	\$5,769.61	\$500.98	\$82.45	\$90.67	\$94.21	-
	Difference	(\$1.2063)	(\$2.9782)	(\$524.4487)	(\$34.8516)	(\$7.7651)	(\$11.0503)	(\$19.9513)	
	Actual Bills	36,551	442	151	979	5,839	860	16	1
	Decoupling Adjustment	(\$44,090)	(\$1,316)	(\$79,192)	(\$34,120)	(\$45,340)	(\$9,503)	(\$319)	(\$213,88
Jan-22	Target RPC	\$64.59	\$85.81	\$6,364.45	\$539.39	\$96.39	\$126.33	\$134.57	
1	Actual RPC	\$61.11	\$82.75	\$5,660.11	\$510.59	\$87.60	\$108.29	\$104.79	
	Difference	(\$3.4763)	(\$3.0639)	(\$704.3399)	(\$28.7983)	(\$8.7938)	(\$18.0486)	(\$29.7859)	
	Actual Bills	37,099	441	147	961	5,882	853	16	1
	Decoupling	(\$128,966)	(\$1,351)	(\$103,538)	(\$27,675)	(\$51,725)	(\$15,395)	(\$477)	(\$329,12
Feb-22	Adjustment Target RPC	\$54.85	\$79.09	\$6,315.72	\$538.61	\$90.71	\$104.27	\$119.54	
2	Actual RPC	\$60.66	\$82.92	\$5,303.68	\$515.56	\$92.60	\$113.83	\$127.74	
-	Difference	\$5.8112	\$3.8332	(\$1,012.0351)	(\$23.0505)	\$1.8846	\$9.5645	\$8.1976	•
	Actual Bills	36,867	428	155	982	5,807	859	16	
	Decoupling	\$214,241	\$1,641	(\$156,865)	(\$22,636)	\$10,944	\$8,216	\$131	\$55,67
	Adjustment								<i>223,01</i>
Mar-22	Target RPC	\$51.92	\$70.64	\$6,337.04	\$546.31	\$86.77	\$95.37	\$106.15	
3	Actual RPC Difference	\$56.33 \$4.4096	\$71.30 \$0.6606	\$5,500.77 (\$836.2730)	\$499.00 (\$47.3085)	\$87.92 \$1.1510	\$98.14 \$2.7668	\$111.46 \$5.3159	
	Actual Bills	37,232	435	(\$850.2750) 156	(\$47.5085) 969	5,926	\$2.7008	\$5.5159 16	
	Decoupling								léa r
	Adjustment	\$164,180	\$287	(\$130,459)	(\$45,842)	\$6,821	\$2,371	\$85	(\$2,55
Apr-22	Target RPC	\$51.14	\$66.31	\$6,416.41	\$534.80	\$84.35	\$84.82	\$101.09	
4	Actual RPC	\$51.98	\$63.32	\$5,685.76	\$500.81	\$82.51	\$84.34	\$92.13	
	Difference Actual Bills	\$0.8408	(\$2.9857)	(\$730.6498)	(\$33.9912)	(\$1.8396)	(\$0.4847)	(\$8.9594)	
	Decoupling	37,057	461	149	976	5,838	850	15	
	Adjustment	\$31,157	(\$1,376)	(\$108,867)	(\$33,175)	(\$10,740)	(\$412)	(\$134)	(\$123,54
May-22	Target RPC	\$46.20	\$55.45	\$6,166.40	\$550.56	\$79.23	\$64.55	\$84.52	-
5	Actual RPC	\$47.00	\$53.32	\$5,688.57	\$495.00	\$73.58	\$63.23	\$81.97	
	Difference	\$0.7959	(\$2.1282)	(\$477.8285)	(\$55.5607)	(\$5.6417)	(\$1.3149)	(\$2.5474)	
	Actual Bills	37,160	439	152	962	5,870	857	17	
	Decoupling	\$29,576	(\$934)	(\$72,630)	(\$53,449)	(\$33,117)	(\$1,127)	(\$43)	(\$131,72
Jun-22	Adjustment Target RPC	\$50.95	\$53.69	\$6,937.26	\$571.36	\$84.29	\$57.77	\$86.28	1
6	Actual RPC	\$50.35	\$55.09	\$5,564.70	\$509.80	\$76.66	\$53.47	\$83.22	
-	Difference	(\$0.5800)	(\$1.7444)	(\$1,372.5644)	(\$61.5664)	(\$7.6309)	(\$4.3051)	(\$3.0642)	
	Actual Bills	36,878	439	163	1,004	5,875	855	16	
	Decoupling	(\$21,389)	(\$766)	(\$223,728)	(\$61,813)	(\$44,831)	(\$3,681)		(\$356,25
	Adjustment								
	Annual Total	\$800,588	\$3,147	(\$1,163,409)	(\$495,996)	(\$233,983)	(\$19,478)	\$461	(\$1,752,92

	А	В	с	D	E	F	G	н	I.	J
151	Annual Deferral Calcu	lation: DY 1								
152	Α	В	с	D	E	F	G	н	I	J
153			A + B		C/D			(E - F) or (E - G)	D*H	C - I
154	Current Year Adjustment	Prior Years' Deferral Balance	Total Adjustment	Total Company Target Revenues	Percent of Total	"Soft"	Сар	Amount in excess of Cap %	Amount in excess of Cap \$	Annual Allowed Adjustment
155	\$ (1,752,926)	\$-	\$ (1,752,926)	\$ 47,167,097	-3.72%	-3.00%	3.00%	-0.72%	\$ (337,913)	\$ (1,415,013)
156 157 158									Deferral of excess to next year's calculation	Refund / (Charge) to Customers
159	Normalized Test Year Re	evenues (used								
155	to spread Annual Allow	ved Revenues								
	Among the Cla		D-05 & -06	D-10	G-1	G-2	G-3	т	v	Total
160		Jul-18	\$1,694,413	\$22,074	\$841,222	\$447,540	\$419,271	\$48,672	\$1,582	\$3,474,773
161		Aug-18	\$1,857,431	\$24,560	\$884,497	\$457,478	\$453,725	\$52,599	\$1,842	\$3,732,132
162		Sep-18	\$1,678,165	\$23,102	\$836,223	\$423,981	\$418,285	\$46,607	\$1,260	\$3,427,623
163		Oct-18	\$1,371,371	\$18,950	\$757,938	\$417,729	\$367,687	\$44,713	\$1,206	\$2,979,594
164		Nov-18	\$1,401,629	\$20,584	\$707,174	\$393,114	\$358,966	\$57,503	\$1,124	\$2,940,094
165		Dec-18	\$1,688,605	\$26,286	\$756,050	\$400,390	\$426,308	\$80,056	\$1,608	\$3,379,303
166		Jan-18	\$1,891,081	\$31,136	\$711,780	\$403,946	\$451,098	\$102,669	\$2,007	\$3,593,716
167		Feb-18	\$1,599,187	\$28,894	\$706,330	\$404,252	\$425,561	\$84,220	\$1,783	\$3,250,227
168		Mar-18	\$1,520,355	\$25,807	\$692,966	\$411,845	\$407,660	\$77,033	\$1,583	\$3,137,249
169		Apr-18	\$1,496,779	\$24,334	\$696,329	\$399,178	\$397,471	\$67,951	\$1,507	\$3,083,549
170		May-18	\$1,351,666	\$20,212	\$720,281	\$416,875	\$370,820	\$51,763	\$1,260	\$2,932,877
171		Jun-18	\$1,488,295	\$19,526	\$793,083	\$427,417	\$393,696	\$46,282	\$1,287	\$3,169,586
172		-	\$19,038,977	\$285,466	\$9,103,872	\$5,003,744	\$4,890,546	\$760,069	\$18,047	\$39,100,722
173	F	Percent of Total	48.69%	0.73%	23.28%	12.80%	12.51%	1.94%	0.05%	100.00%
174										
175	Rate Class Alloc		DOD2	D10	G01	G02	G03	Т00	V00	Total Refund / (Charge) to Customers Year 1
176	Class % of Total Test Yea					10.000				
	Revenues		48.69%	0.73%	23.28%	12.80%	12.51%	1.94%	0.05%	100.00%
177	Decoupli	ng Adjustment	\$ (689,000)	\$ (10,331)	\$ (329,459)	\$ (181,080)	\$ (176,984)	\$ (27,506)	\$ (653)	\$ (1,415,013)
178										
179	Indicative Monthly B		DOD2	D10	G01	G02	G03	Т00	V00	Total
180	Test Year		278,824,882	5,629,249	379,184,992	147,993,116	88,095,304	15,352,073	328,389	915,408,005
181		\$/kWh	\$ 0.00247	\$ 0.00184	\$ 0.00087	\$ 0.00122	\$ 0.00201	\$ 0.00179	\$ 0.00199	
182										, I
183	Monthly Use Per C	,	631	1,069	210,308	12,698	1,257	1,492	1,710	
184	N	Ionthly Impact	\$ 1.56	\$ 1.96	\$ 182.73	\$ 15.54	\$ 2.52	\$ 2.67	\$ 3.40	

Liberty Utilities (Granite State Electric) Corp. d/b/a Liberty Permanent Rate Design - July 1, 2021 - June 30, 2022 Decoupling Year Adjustment Rates Effective November 1, 2022

				Proposed		
			Decoupling	November 1, 2022	Current	
		August 1, 2022	Collection	Base	REP/VMP	
		Current	% Increase/	Distribution	Adjustment	November 1, 2022
Rate Class	Distribution Rate Component	Rates	<u>% (Decrease)</u>	<u>Charges</u>	Factor	<u>Rates</u>
		(a)	(b)	(c)	(d)	(e)
D	Customer Charge	\$14.74	0.00%	\$14.74		\$14.74
	All kWh	\$0.05856	4.22%	\$0.06103	0.00001	\$0.06104
	16 Hour Off Peak kWh	\$0.05056	4.22%	\$0.05269	0.00001	\$0.05270
	Farm kWh	\$0.05527	4.22%	\$0.05760	0.00001	\$0.05761
	D-6 kWh	\$0.05150	4.22%	\$0.05367	0.00001	\$0.05368
D-10	Customer Charge	\$14.74	0.00%	\$14.74		\$14.74
	On Peak kWh	\$0.12447	3.98%	\$0.12942	0.00001	\$0.12943
	Off Peak kWh	\$0.00167	3.98%	\$0.00173	0.00001	\$0.00174
G-1	Customer Charge	\$435.18	3.07%	\$448.56		\$448.56
	Demand Charge	\$9.22	3.07%	\$9.50		\$9.50
	On Peak kWh	\$0.00590	3.07%	\$0.00608	0.00001	\$0.00609
	Off Peak kWh	\$0.00174	3.07%	\$0.00179	0.00001	\$0.00180
	Credit for High Voltage Delivery > 2	(\$0.49)	3.07%	(\$0.50)		(\$0.50)
G-2	Customer Charge	\$72.52	3.09%	\$74.76		\$74.76
	Demand Charge	\$9.27	3.09%	\$9.55		\$9.55
	All kWh	\$0.00233	3.09%	\$0.00240	0.00001	\$0.00241
	Credit for High Voltage Delivery > 2	(\$0.49)	3.09%	(\$0.50)		(\$0.50)
G-3	Customer Charge	\$16.66	3.09%	\$17.17		\$17.17
	All kWh	\$0.05282	3.09%	\$0.05445	0.00001	\$0.05446
т	Customer Charge	\$14.74	0.00%	\$14.74		\$14.74
	All kWh	\$0.04743	3.78%	\$0.04922	0.00001	\$0.04923
v	Minimum Charge	\$16.66	3.09%	\$17.17		\$17.17
	All kWh	\$0.05433	3.09%	\$0.05600	0.00001	\$0.05601

Liberty Utilities (Granite State Electric) Corp. d/b/a Liberty Bill Calculation

Usage 650 kWh	Rate Effective August 1, 2022	November 1, 2022 Proposed Rates	Current Bill	November 1, 2022 Proposed Bill			
	(a)	(b)					
Customer Charge	\$14.74	\$14.74	\$14.74	\$14.74			
Distribution Charge	\$0.05857	\$0.06104	\$38.07	\$39.68			
Storm Recovery Adjustment	\$0.00000	\$0.00000	\$0.00	\$0.00			
Transmission Charge	\$0.03635	\$0.03635	\$23.63	\$23.63			
Stranded Cost Charge	(\$0.00051)	(\$0.00051)	-\$0.33	-\$0.33			
System Benefits Charge	\$0.00792	\$0.00792	\$5.15	\$5.15			
Electricity Consumption Tax	\$0.00000	\$0.00000	<u>\$0.00</u>	<u>\$0.00</u>			
Subtotal Retail Delivery Services			\$81.25	\$82.86			
Energy Service Charge	\$0.22228	\$0.22228	<u>\$144.48</u>	<u>\$144.48</u>			
	-	Total Bill	\$225.74	\$227.34			
\$ increase in 650 kWh Total Residential Bill % increase in 650 kWh Total Residential Bill							

(a) Order No. 26,661 July 29, 2022

(b) Rates proposed

Original Page 3A Table of Contents

Rate EV-L Commercial Plug In Electric Vehicle Charging Station	128
Rate EV-M Commerical Plug In Electrical Vehicle Charging Station	133
Revenue Decoupling Adjustment Factor	138

 Issued:
 XXXXX
 Issued by:
 /s/ Neil Proudman

 Effective:
 November 1, 2022
 Title:
 President

Authorized by NHPUC Order No. XXXX in Docket No. XXXX, dated XXXXXX

First Revised Page 21 Superseding Original Page 21 Terms and Conditions

38. Reliability Enhancement Program Capital Investment Allowance

Distribution base rates are subject to adjustment on an annual basis for a Reliability Enhancement Program Capital Investment Allowance pursuant to the Settlement Agreement in Docket DE 19-064.

39. Transmission Charge

The Transmission Charge will recover, on a fully reconciling basis, the costs incurred by the Company for transmission related services, and other reconciling charges as noted below. These costs include charges billed to the Company by Other Transmission Providers; third party charges billed to the Company for transmission related services such as 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; and transmission-based assessments or fees billed by or through regulatory agencies, including those associated with the ISO-NE, regional transmission group, an independent system operator, an RTO 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 Transmission Charge shall be established annually based on a forecast of includable costs, and shall also include a full reconciliation with interest for any over recovery or under recovery occurring in the prior year. The Company may file to change the rates at any time if a significant over recovery or under recovery occurs. Interest on over recoveries or under recoveries shall be calculated at the prime rate.

Any changes to rates determined under the charge shall only be made following a notice filed with the Commission setting forth the amount of the increase or decrease, the new rates for each rate class, and the effective date of such new rates.

The Transmission Charge includes the Regional Greenhouse Gas Initiative ("RGGI") refund as required by RSA 125-O:23,II and Order No. 25,664 dated May 9, 2014, which directs the Company to refund RGGI auction revenue it receives to its customers.

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		-	Neil Proudman
Effective:	November 1, 2022	Title:	President
		in Destat No. DE	L L
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First Revised Page 21A Superseding Original Page 21A Terms and Conditions

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First Revised Page 21B Superseding Original Page 21B Terms and Conditions

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First Revised Page 21C Superseding Original Page 21C Terms and Conditions

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First Revised Page 21D Superseding Original Page 21D Terms and Conditions

40. Electricity Consumption Tax Charge

All Customers shall be obligated to pay the Electricity Consumption Tax Charge in accordance with New Hampshire Statute RSA Chapter 83-E, which may be revised from time to time, in addition to all other applicable rates and charges under this Tariff. The Electricity Consumption Tax Charge shall appear separately on all Customer bills. Any discounts provided for under a Special Contract shall not apply to the Electricity Consumption Tax Charge.

41. System Benefits Charge

All customers taking delivery service shall pay the System Benefits Charge as required by New Hampshire law and approved by the Commission. The System Benefits Charge shall recover the

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Effective:	November 1, 2022	Title:	President
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Seventh Revised Page 90 Superseding Sixth Revised Page 90 Rate D

Rate D

Availability

Retail Delivery Service under this rate is available for all domestic purposes in an individual private dwelling or an individual apartment and for farm purposes. If electricity is delivered through more than one meter, the charge for electricity delivered through each meter shall be computed separately under this rate.

Character of Service

Service supplied under this rate will be single phase, 60 cycle, alternating current, normally threewire service at a nominal voltage of 120/240 volts or three-wire 120/208 volts, whichever is available at the location.

Rate Per Month

Rates for Retail Delivery Service

The rate per month will be the sum of the applicable Customer and Energy Charges subject to the adjustments in this tariff:

Customer Charge	\$14.74 per month
Energy Charges Per Kilowatt-Hour (cents per kilowatt-hour)	
Distribution Charge All kWh	6.103
Reliability Enhancement/Vegetation Management	0.001
Total Distribution All kWh	6.104
Transmission Charge	3.635
Stranded Cost Charge	(0.051)
Storm Recovery Adjustment Factor	0.000

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Effective:	November 1, 2022	Title:	<u>President</u>

Seventh Revised Page 91 Superseding Sixth Revised Page 91 Rate D

Off-Peak Use: 16 Hour Control

For all electricity separately metered and delivered between the hours of 11:00 p.m. on each day and 7:00 a.m. on the next day, the price of such electricity shall be:

Energy Charges Per Kilowatt-Hour (cents per kilowatt-hour)

Distribution Charge Off Peak Use	5.269
Reliability Enhancement/Vegetation Management	0.001
Total Distribution	5.270
Transmission Charge	3.635
Stranded Cost Charge	(0.051)
Storm Recovery Adjustment Factor	0.000

If a Customer has installed an electric water heater of a type approved by the Company, electricity is delivered to such water heater is supplied only under this rate.

Off-Peak Use: 6 Hour Control

For all electricity separately metered and subject to the Company's right to limit the operation of the bottom water heating element up to 6 hours a day, the price of such electricity shall be:

Energy Charges Per Kilowatt-Hour (cents per kilowatt-hour)

Distribution Charge Off Peak Use	5.367
Reliability Enhancement/Vegetation Management	0.001
Total Distribution	5.368
Transmission Charge	3.635
Stranded Cost Charge	(0.051)
Storm Recovery Adjustment Factor	0.000

If a Customer has installed an electric water heater of a type approved by the Company, and electricity delivered to such water heater is supplied only under this rate

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		•	Neil Proudman
Effective:	November 1, 2022	Title:	President

Seventh Revised Page 92 Superseding Sixth Revised Page 92 Rate D

Farm Use

The availability of the Farm Use Section is limited to those locations which were served under the Farm Use Section of Domestic Rate D, N.H.P.U.C. No. 8 - Electricity immediately prior to the effective date of this rate. For such farm customers, where all electricity is supplied by the Company, the RATE PER MONTH is modified as follows:

Energy Charges Per Kilowatt-Hour (cents per kilowatt-hour)

Distribution Charge*	5.760
Reliability Enhancement/Vegetation Management	0.001
Total Distribution	5.761
Transmission Service Cost Adjustment	3.635
Stranded Cost Adjustment Factor	(0.051)
Storm Recovery Adjustment Factor	0.000

*All Regular Use kilowatt-hours in excess of the greater of the following:

- i. 500 kilowatt-hours
- ii. 100 kilowatt-hours per kilovolt-ampere of transformer capacity needed to serve the Customer

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Effective:	November 1, 2022	Title:	Neil Proudman <u>President</u>

Seventh Revised Page 93 Superseding Sixth Revised Page 93 Rate D-10

Rate D-10 Optional Peak Load Rate

Availability

Retail Delivery Service under this rate is available for all domestic purposes in an individual private dwelling or an individual apartment and for farm purposes to selected customers presently served under Rate D.

If electricity is delivered through more than one meter, the charge for electricity delivered through each meter shall be computed separately under this rate. The availability of this rate will be subject to the Company's ability to obtain the necessary meters and to render such service.

Character of Service

Service supplied under this rate will be single phase, 60 cycle, alternating current, normally three-wire service at a nominal voltage of 120/240 volts or three-wire 120/208 volts, whichever is available at the location.

Rate Per Month

The rate per month will be the sum of the applicable Customer and Energy Charges subject to the adjustments in this tariff:

Rates for Retail Delivery Service

Customer Charge	\$14.74 per month
Energy Charges Per Kilowatt-Hour (cents per kilowatt-hour)	
Distribution Charge On Peak	12.942
Distribution Charge Off Peak	0.173
Reliability Enhancement/Vegetation Management	0.001
Total Distribution Charge On Peak	12.943
Total Distribution Charge Off Peak	0.174
Transmission Charge	2.338
Stranded Cost Charge	(0.051)
Storm Recovery Adjustment Factor	0.000

Peak hours will be from 8:00 a.m. to 9:00 p.m. daily on Monday through Friday excluding holidays.

Issued:	xxx xx, 2022	Issued by:	/s/ Neil Proudman
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Effective:	November 1, 2022	Title:	President

Seventh Revised Page 96 Superseding Sixth Revised Page 96 Rate G-1

Rates for Retail Delivery Service

Customer Charge Energy Charges Per Kilowatt-Hour (cents per kilowatt-hour)	\$448.56 per month
Distribution Charge On Peak Distribution Charge Off Peak Reliability Enhancement/Vegetation Management Total Distribution Charge On Peak Total Distribution Charge Off Peak	0.608 0.179 0.001 0.609 0.180
Transmission Charge Stranded Cost Charge	2.492 (0.051)
Storm Recovery Adjustment Factor	0.000
Demand Charges Per Kilowatt	
Distribution	\$9.50

Distribution Energy Charges Peak Periods

Peak hours will be from 8:00 a.m. to 9:00 p.m. daily on Monday through Friday excluding holidays.

Off-Peak hours will be from 9:00 p.m. to 8:00 a.m. daily Monday through Friday, and all day on Saturdays, Sundays, and holidays.

Demand

The Demand for each month under ordinary load conditions shall be the greatest of the following:

- 1. The greatest fifteen-minute peak during the peak hours which occurs during such month as measured in kilowatts,
- 2. 90% of the greatest fifteen-minute peak during the peak hours occurring during such month as measured in kilovolt-amperes where the Customer's kilowatt Demand exceeds 75 kilowatts, or
- 3. 80% of the greatest Demand as so determined above during the preceding eleven months.

Any Demands established during the eleven (11) months prior to the application of this rate shall be considered as having been established under this rate.

Issued:	xxx xx, 2022	Issued by:	/s/ Neil Proudman
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Effective:	November 1, 2022	Title:	<u>President</u>

Third Revised Page 97 Superseding Second Revised Page 97 Rate G-1

Optional Determination of Demand

However, a Customer who has been served hereunder for one year or more may upon written request have the Demand for each month, beginning with the next month after such request and running for a period of not less than two consecutive months, be based upon the greatest of items a) or b) above. In such case, the Demand Charge and the Energy Charge will be increased by 20% during such period.

High Voltage Metering Adjustment

The Company reserves the right to determine the metering installation. Where service is metered at the Company's supply line voltage, in no case less than 2400 volts, thereby saving the Company transformer losses, a discount of 1% will be allowed from the amount determined under the preceding provisions.

Credit for High Voltage Delivery

If the Customer accepts delivery at the Company's supply line voltage, not less than 2400 volts and the Company is saved the cost of installing any transformer and associated equipment, a credit of billing demand for such month shall be allowed against the amount determined under the preceding provisions.

High Voltage Delivery Credit

(\$0.50) per kW

Terms of Agreement

A Customer served under this rate must provide the Company with one-year prior written notice before installing additional on-site, non-emergency generation for its own use. This notice provision shall be waived with respect to the installation of on-site non-emergency generation from renewable energy resources. Renewable energy resources shall mean fuel cells (including natural gas powered fuel cells), and emerging power technologies that produce electricity from wind energy, solar energy, small-scale hydro power, ocean power, landfill gas, sustainably managed biomass, and future clean renewable technologies.

Issued:	xxx xx, 2022	Issued by: //	s/ Neil Proudman
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Sixth Revised Page 98 Superseding Fifth Revised Page 98 Rate G-2

General Long Hour Service Rate G-2

Availability

Retail Delivery Service under this rate is available for all purposes except resale subject to the provisions of this section. The sale of electric vehicle charging services to a third party from an electric vehicle charging station shall not be considered resale of electricity. A Customer will take delivery service on this rate if the Company estimates that its average use will be greater than or equal to 20 kW of Demand but is less than 200 kW of Demand. If electricity is delivered through more than one meter, except at the Company's option, the charge for electricity delivered through each meter shall be computed separately under this rate. A customer may be transferred from rate G-2 at its request or at the option of the Company if the customer's twelve (12) month average monthly demand is less than 180 kW of demand for three consecutive months.

If any electricity is delivered hereunder at a given location, then all electricity delivered by the Company at such location shall be furnished hereunder, except such electricity as may be delivered under the provisions of the Limited Commercial Space Heating Rate V.

Character of Service

Service supplied under this rate will be 60 cycle, three-phase alternating current normally at a nominal voltage of 120/208, 277/480, 2400, 4160, 4800, 7200, 13,200 and 13,800 volts. All voltages are not available in every area.

Rate Per Month

The Rate Per Month will be the sum of the applicable Customer, Demand and Energy Charges subject to the adjustments in this tariff.

Rates for Retail Delivery Service

Customer Charge	\$74.76 per month
Energy Charges Per Kilowatt-Hour (cents per kilowatt-hour)	
Distribution Charge	0.240
Reliability Enhancement/Vegetation Management	0.001
Total Distribution Charge	0.241

Issued:	xxx xx, 2022	Issued by: /s	/ Neil Proudman
			Neil Proudman
Effective:	November 1, 2022	Title:	President

NHPUC NO. 21 - ELECTRICITY DELIVERY LIBERTY UTILITIES	Seventh Revised Page 99 Superseding Sixth Revised Page 99 Rate G-2
Transmission Charge	2.529
Stranded Cost Charge	(0.051)
Storm Recovery Adjustment Factor	0.000
Demand Charges Per Kilowatt	
Distribution	\$9.55

Demand

The Demand for each month under ordinary load conditions shall be the greatest of the following:

- 1. The greatest fifteen-minute peak during the peak hours which occurs during such month as measured in kilowatts,
- 2. 90% of the greatest fifteen-minute peak occurring during such month as measured in kilovolt-amperes where the Customer's kilowatt Demand exceeds 75 kilowatts, or
- 3. 80% of the greatest Demand as so determined above during the preceding eleven months.

Any Demands established during the eleven months prior to the application of this rate shall be considered as having been established under this rate.

Optional Determination of Demand

However, a Customer who has been served hereunder for one year or more may upon written request have the Demand for each month, beginning with the next month after such request and running for a period of not less than two consecutive months, be based upon the greatest of items a) or b) above. In such case, the Demand Charge and the Energy Charge will be increased by 20% during such period.

High Voltage Metering Adjustment

The Company reserves the right to determine the metering installation. Where service is metered at the Company's supply line voltage, in no case less than 2400 volts, thereby saving the Company transformer losses, a discount of 1% will be allowed from the amount determined under the preceding provisions.

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Third Revised Page 100 Superseding Second Revised Page 100 Rate G-2

Credit for High Voltage Delivery

If the Customer accepts delivery at the Company's supply line voltage, not less than 2400 volts, and the Company is saved the cost of installing any transformer and associated equipment, a credit of the peak hours billing demand for such month shall be allowed against the amount determined under the preceding provisions.

High Voltage Delivery Credit

(\$0.50) per kW

Terms of Agreement

A Customer served under this rate must provide the Company with one-year prior written notice before installing additional on-site, non-emergency generation for its own use. This notice provision shall be waived with respect to the installation of on-site non-emergency generation from renewable energy resources. Renewable energy resources shall mean fuel cells (including natural gas powered fuel cells), and emerging power technologies that produce electricity from wind energy, solar energy, small-scale hydro power, ocean power, landfill gas, sustainably managed biomass, and future clean renewable technologies.

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			Neil Proudman
Effective:	November 1, 2022	Title:	President

Seventh Revised Page 101 Superseding Sixth Revised Page 101 Rate G-3

General Service Rate G-3

Availability

Retail Delivery Service under this rate is available for all purposes except resale. The sale of electric vehicle charging services to a third party from an electric vehicle charging station shall not be considered resale of electricity. A Customer will take delivery service on this rate if the Company estimates that its average use will be less than 20 kW of demand. If electricity is delivered through more than one meter, except at the Company's option, the charge for electricity delivered through each meter shall be computed separately under this rate.

Character of Service

Service supplied under this rate will be 60 cycle, alternating current either:

- a) Single-phase normally three-wire at a nominal voltage of 120/240 volts.
- b) Three-phase secondary normally at a nominal voltage of 120/208, or 277/480 volts.
- c) Three-phase primary normally at a nominal voltage of 2400, 4160, 4800, 7200, 13,200 or 13,800 volts.

All voltages are not available in every area.

Rate Per Month

The rate per month will be the sum of the Customer and Energy Charges subject to the adjustments in this tariff:

Rates for Retail Delivery Service

\$17.17 per month

Energy Charges Per Kilowatt-Hour (cents per kilowatt-hour)

Distribution Charge	5.445
Reliability Enhancement/Vegetation Management	0.001
Total Distribution Charge	5.446
Transmission Charge	3.014
Stranded Cost Charge	(0.051)
Storm Recovery Adjustment Factor	0.000

Issued:	xxx xx, 2022	Issued by:/	s/ Neil Proudman
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Seventh Revised Page 104 Superseding Sixth Revised Page 104 Rate T

Character of Service

Service supplied under this rate will be single phase, 60 cycle, alternating current, normally three-wire service at a nominal voltage of 120/240 volts or three-wire 120/208 volts, whichever is available at the location.

Rate Per Month

Rates for Retail Delivery Service

The rate per month will be the sum of the applicable Customer and Energy Charges subject to the adjustments in this tariff.

Customer Charge	\$14.74 per month
Energy Charges Per Kilowatt-Hour (cents per kilowatt-hour)	
Distribution Charge	4.922
Reliability Enhancement/Vegetation Management	0.001
Total Distribution Charge	4.923
Transmission Charge Stranded Cost Charge	2.615 (0.051)
Storm Recovery Adjustment Factor	0.000

Terms of Agreement

A Customer served under this rate must provide the Company with one-year prior written notice before installing additional generation for its own use. This notice provision shall be waived with respect to the installation of on-site non-emergency generation from renewable energy resources. Renewable energy resources shall mean fuel cells (including natural gas powered fuel cells), and emerging power generation technologies that produce electricity from wind energy, solar energy, small-scale hydro power, ocean power, landfill gas, sustainably managed biomass, and future clean renewable technologies.

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Seventh Revised Page 107 Superseding Sixth Revised Page 107 Rate V

Rates for Retail Delivery Service

Customer Charge Energy Charges Per Kilowatt-Hour (cents per kilowatt-hour)	\$17.17 per month
Distribution Charge	5.600
Reliability Enhancement/Vegetation Management	0.001
Total Distribution Charge	5.601
Transmission Charge Stranded Cost Charge	3.003 (0.051)
Storm Recovery Adjustment Factor	0.000

Terms of Agreement

A Customer served under this rate must provide the Company with one-year prior written notice before installing additional on-site, non-emergency generation for its own use. This notice provision shall be waived with respect to the installation of on-site non-emergency generation from renewable energy resources. Renewable energy resources shall mean fuel cells (including natural gas powered fuel cells), and emerging power generation technologies that produce electricity from wind energy, solar energy, small-scale hydro power, ocean power, landfill gas, sustainably managed biomass, and future clean renewable technologies.

Issued:	xxx xx, 2022	Issued by: /s	/ Neil Proudman
Effective:	November 1, 2022	Title:	Neil Proudman <u>President</u>

Fourteenth Revised Page 126 Superseding Thirteenth Revised Page 126 Summary of Rates

NHPUC No. 21 - ELECTRICITY LIBERTY UTILITIES

					FOR US	AGE ON AND	AFTER NC		2022					
Rate	Blocks	Di	istribution Charge	REP/ VMP	Net Distribution Charge	Transmission Charge	Stranded Cost Charge	Storm Recovery Adjustment Factor	System Benefits Charge	Electricity Consumption Tax	Total Delivery Service	Energy Service		Total Rate
D	Customer Charge	\$	14.74		14.74	0.00/0	(0.000.54)				14.74		\$	14.74
Off Peak Water	All kWh	\$	0.06103	0.00001	0.06104	0.03635	(0.00051)	-	0.00792	-	0.10480	0.22228	\$	0.3270
Heating Use 16 Hour Control ¹	All kWh	\$	0.05269	0.00001	0.05270	0.03635	(0.00051)	-	0.00792	-	0.09646	0.22228	\$	0.3187
Off Peak Water Heating Use 6 Hour Control ¹	All kWh	\$	0.05367	0.00001	0.05368	0.03635	(0.00051)	-	0.00792	-	0.09744	0.22228	\$	0.3197
Farm ¹	All kWh	\$	0.05760	0.00001	0.05761	0.03635	(0.00051)	-	0.00792	-	0.10137	0.22228	\$	0.3236
	Customer Charge	\$	14.74		14.74						14.74		\$	14.7
D-10	On Peak kWh	\$	0.12942	0.00001	0.12943	0.02338	(0.00051)	-	0.00792	-	0.16022	0.22228	\$	0.3825
	Off Peak kWh	\$	0.00173	0.00001	0.00174	0.02338	(0.00051)	-	0.00792	-	0.03253	0.22228	\$	0.2548
	Customer Charge	\$	448.56		448.56						448.56		\$	448.5
	Demand Charge	\$	9.50		9.50						9.50		\$	9.5
	On Peak kWh	s	0.00608	0.00001	0.00609	0.02492	(0.00051)		0.00792	-	0.03842			
		-					()		Effe	tive 8/1/22, usag		0.18587	\$	0.2242
										tive 9/1/22, usag		0.16081	\$	0.1992
										ive 10/1/22, usag		0.15134	\$	0.189
										ive 11/1/22, usag		0.19864	\$	0.237
										ive 12/1/22, usag	·	0.34354	\$	0.381
G-1										tive 12/1/22, usag	·	0.41240	3 \$	0.381
	Off Peak kWh	s	0.00179	0.00001	0.00180	0.02492	(0.00051)		0.00792	uve 1/1/25, usag	0.03413	0.41240	.JP	0.430
	OII Feak k wii	3	0.00179	0.00001	0.00180	0.02492	(0.00051)	-		-		0 19597	¢	0.220
										tive 8/1/22, usag		0.18587	\$	
										tive 9/1/22, usag		0.16081	\$	0.194
										ive 10/1/22, usag		0.15134	\$	0.185
										ive 11/1/22, usag		0.19864	\$	0.232
										ive 12/1/22, usag		0.34354	\$	0.377
									Effe	ctive 1/1/23, usag		0.41240	\$	0.446
	Customer Charge	\$	74.76		74.76						74.76		\$	74.
	Demand Charge	\$	9.55		9.55						9.55		\$	9.
	All kWh	\$	0.00240	0.00001	0.00241	0.02529	(0.00051)	-	0.00792	-	0.03511			
										ctive 8/1/22, usag		0.18587	\$	0.220
G-2									Effe	ctive 9/1/22, usag	ge on or after	0.16081	\$	0.195
									Effect	ive 10/1/22, usag	ge on or after	0.15134	\$	0.186
									Effect	ive 11/1/22, usag	ge on or after	0.19864	\$	0.233
									Effect	ive 12/1/22, usag	ge on or after	0.34354	\$	0.378
									Effec	ctive 1/1/23, usag	ge on or after	0.41240	\$	0.447
G-3	Customer Charge	\$	17.17		17.17						17.17		\$	17.
	All kWh	\$	0.05445	0.00001	0.05446	0.03014	(0.00051)	-	0.00792	-	0.09201	0.22228	\$	0.314
Т	Customer Charge	\$	14.74		14.74						14.74		\$	14.
1	All kWh	\$	0.04922	0.00001	0.04923	0.02615	(0.00051)	-	0.00792	-	0.08279	0.22228	\$	0.305
V	Minimum Charge	\$	17.17		17.17						17.17		\$	17.
v	All kWh	\$	0.05600	0.00001	0.05601	0.03003	(0.00051)	-	0.00792	-	0.09345	0.22228	\$	0.315
	Customer Charge		\$14.74		\$14.74									\$14.74
	Monday through F	rida	v											
D 11	Off Peak		\$0.03411	\$0.00001	\$0.03412	(\$0.00291)	(\$0.00051)	-	\$0.00792	-	\$0.03862	\$0.06192		\$0.100
D-11	Mid Peak		\$0.05019	\$0.00001	\$0.05020	\$0.00733	(\$0.00051)	-	\$0.00792	-	\$0.06494	\$0.10376		\$0.168
	Critical Peak		\$0.09096	\$0.00001	\$0.09097	\$0.19363	(\$0.00051)	-	\$0.00792	-	\$0.29201	\$0.21739		\$0.509
				,	2010/0/1	40.19000	(********)		00.00124			20121109		

¹ Rate is a subset of Domestic Rate D

Dated: xxx xx, 2022

Effective: November 1, 2022

Issued by: <u>/s/Neil Proudman</u> Neil Proudman Title: President

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Revenue Decoupling Adjustment

Purpose

The purpose of the Revenue Decoupling Adjustment ("RDA") is to establish procedures that allow the Company to adjust, on an annual basis, its distribution rates in order to reconcile Actual Base Revenue per Customer with Target Revenue per Customer. The Company's Revenue Decoupling Adjustment eliminates the link between customer sales and Company revenue in order to align the interests of the Company and customers with respect to changing customer usage.

Effective Date

The RDA shall be effective on the first day of the Billing Year November 1 through October 31 calculated using the preceding Decoupling Year of July 1 through June 30.

Applicability

The RDA shall apply to all of the Company's tariff Rate Schedules, excluding Rate Schedules M, LED-1, LED-2, D-11, EV, EV-L and EV-M, subject to the jurisdiction of the Commission, as determined in accordance with the provisions of this Tariff.

Definitions

- i. The following definitions shall apply throughout the Tariff:
- 1. <u>Monthly Actual Revenue per Customer</u> is the actual monthly revenues by rate class derived from the Company's base distribution rates, except rate classes M, LED-1, LED-2, D-11, D-12, EV, EV-L and EV-M, divided by the actual number of equivalent customer bills rendered for each rate class during that month.
- 2. <u>Actual Number of Customers</u> is the actual number of equivalent customer bills rendered for each rate class during that month, except rate classes M, LED-1, LED-2, D-11, D-12, EV, EV-L and EV-M.
- 3. <u>Rate Class</u> is the group of all customers taking service pursuant to the same Rate Schedule.
- 4. <u>Decoupling Year</u>. The first Decoupling Year shall be the 12-month period from July 1, 2021, to June 30, 2022. Each subsequent Decoupling Year shall be the twelve months commencing July 1 through June 30.
- 5. <u>Monthly Target Revenue per Customer</u> is the monthly allowed distribution revenue per Equivalent Bill for a given Decoupling Year for a given Rate Class, reflecting the distribution revenue level and approved equivalent bills from the Company's most recent rate case or other proceeding that results in an adjustment to base distribution rates. Monthly Target Revenue per Customer will be calculated for each month based on the distribution rates in effect at the start of the Decoupling Year and the calculation will be

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Authorized by NHPUC Order No. ____ in Docket No. DE ____, dated ____

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revised for the remaining months of each Decoupling Year if there is a distribution rate change that occurs following the beginning month of each Decoupling Year.

- 6. <u>Equivalent Bill</u>. The number of customer bills rendered for the rate class in a given period to match the revenue stream. Calculated on a per physical bill basis by dividing the billed customer charge by the tariff customer charge price then accumulated by customer, rate class and period.
- 7. <u>Allowed Revenue Requirement</u>. The annual revenue requirement used to determine the 3 percent cap for the Annual Allowed Adjustment. The annual revenue requirement is adjusted any time there is a base distribution rate change.
- 8. <u>Billing Year</u>. The twelve-month period November 1 through October 31 over which the Annual Allowed Adjustment revenue shortfall/surplus plus any prior period deferred amounts are collected.
- 9. <u>Annual Allowed Revenue Decoupling Adjustment</u>. The sum of the twelve monthly calculated decoupling mechanism revenue shortfall/surplus amounts for all rate classes, subject to the 3 percent cap, that is allocated to the classes using the Rate Class Allocation.

Calculation of Annual Allowed Revenue Decoupling Adjustment

i. Description of Annual Allowed Revenue Decoupling Adjustment

At the end of the Decoupling Year, the Company shall calculate the rate increase or rate refund arising from the just completed decoupling year, and request approval for any adjustment to distribution rates to go into effect on November 1 for the following twelve months.

There shall be a 3% cap on the annual revenue amount refunded or charged to customers. The 3% cap shall be equal to 0.03 times the allowed revenue requirement subject to annual adjustments. Any amounts in excess of the 3% cap will be deferred and recovered or refunded in future periods, as determined by the Commission. Any amounts deferred will be added to the aggregate decoupling adjustment amount of the following periods until recovered or refunded such that there is a maximum adjustment of 3% refunded or charged each year. Any amounts deferred shall carry interest at the prime rate.

The Annual Allowed Revenue Decoupling Adjustment revenue shortfall/surplus will be recovered or refunded over the following 12-month billing year beginning November 1.

The amounts to be refunded or collected under this decoupling mechanism shall be calculated annually using monthly accruals. Monthly decoupling accruals are calculated as follows:

a) The monthly target revenues per customer ("Monthly Target RPC") amounts will be determined for each of the Company's rate classes by:

i) allocating each years' allowed revenue requirement to each rate class, by

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month, in proportion to the test year with the following exceptions:

(1) Rate classes M, LED-1, and LED-2 will not be included in the decoupling calculations;
 (2) Rate classes D-11, EV, EV-L and EV-M will not be included in the decoupling calculations as they were new rate classes at the time of the Docket No. DE 19-064 rate case. The potential inclusion of those rate classes will be reevaluated in the next rate case; and

ii) dividing each class monthly target revenue number by the number of monthly equivalent customer bills from the test year.

b) The Monthly Actual RPC will be calculated as the actual monthly revenues by rate class divided by the actual number of equivalent bills rendered for each rate class during that month.

c) The Monthly Actual RPC will be compared to the Monthly Target RPC for each rate class. The difference between the Monthly Actual RPC and the Monthly Target RPC for each rate class will then be multiplied times the actual number of equivalent bills rendered for each rate class to determine the monthly revenue shortfall/surplus for each class, the sum of which will constitute the total monthly revenue shortfall/surplus.

d) At the end of the reconciliation period, the monthly amounts will be summed to determine the cumulative annual revenue shortfall/surplus.

e) Subject to the cap described above, the Annual Allowed Adjustment revenue shortfall/surplus, will be allocated to the classes using the Rate Class Allocation as detailed on Line 115 of Attachment 5, page 4 of the Settlement Agreement in Docket No. DE 19-064.

f) The amount allocated to each rate class will be allocated to the kWh and kW rate adjustments for each class on the basis of the actual kWh and kW's of the decoupling year.

1.0 Information to be Filed with the Commission

Information pertaining to the RDA will be filed annually with the Commission consistent with the filing requirements of all costs and revenue information included in the Tariff. Such information shall include:

1. The calculation of the applicable revenue decoupling revenue dollar adjustment for the Decoupling Year by Rate Class.

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- 2. The calculation of the proposed revised distribution rate per kWh and kW for all applicable Rate Schedules to be applied in the Billing Year.
- 3. The calculation of the monthly Target Revenue per Customer, to be utilized in the upcoming Decoupling Year. If distribution rates change during the Decoupling Year, the monthly Target Revenue per Customer for the remaining months of the Decoupling Year will be revised and filed with the Commission.

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38. Reliability Enhancement Program Capital Investment Allowance

Distribution base rates are subject to adjustment on an annual basis for a Reliability Enhancement Program Capital Investment Allowance pursuant to the Settlement Agreement in Docket DE 19-064.

39. Transmission Charge

The Transmission Charge will recover, on a fully reconciling basis, the costs incurred by the Company for transmission related services, and other reconciling charges as noted below. These costs include charges billed to the Company by Other Transmission Providers; third party charges billed to the Company for transmission related services such as 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; and transmission-based assessments or fees billed by or through regulatory agencies, including those associated with the ISO-NE, regional transmission group, an independent system operator, an RTO 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 Transmission Charge shall be established annually based on a forecast of includable costs, and shall also include a full reconciliation with interest for any over recovery or under recovery occurring in the prior year. The Company may file to change the rates at any time if a significant over recovery or under recovery occurs. Interest on over recoveries or under recoveries shall be calculated at the prime rate.

Any changes to rates determined under the charge shall only be made following a notice filed with the Commission setting forth the amount of the increase or decrease, the new rates for each rate class, and the effective date of such new rates.

The Transmission Charge includes the Regional Greenhouse Gas Initiative ("RGGI") refund as required by RSA 125-O:23,II and Order No. 25,664 dated May 9, 2014, which directs the Company to refund RGGI auction revenue it receives to its customers.

The Revenue Decoupling Adjustment Clause (RDAC) will be included in the transmission charge annual rate filing for reconciliation. The RDAC is further described in Section 39A of the Tariff.

39A. Revenue Decoupling Adjustment Clause

Purpose

The purpose of the Revenue Decoupling Adjustment Clause ("RDAC") is to establish procedures that allow the Company subject to the jurisdiction of the NHPUC to adjust, on an annual basis, its rates for firm sales in order to reconcile Actual Base Revenue per Customer with Benchmark Base Revenue per Customer. The Company's Revenue Decoupling Adjustment eliminates the

Issued:	July 6, 2021<u>XX XX, 20XX</u>	Issued by: /s	s/ Neil Proudman
			Neil Proudman
Effective:	July 1, 2021 November 1, 2022	Title:	President

Authorized by NHPUC Order No. 26,376 in Docket No. DE 19-064 , dated June 30, 2020

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link between customer sales and Company revenue in order to align the interests of the Company and customers with respect to changing customer usage.

Issued:	July 6, 2021<u>XX XX, 20XX</u>	Issued by:	/s/ Neil Proudman
			Neil Proudman
Effective:	July 1, 2021 November 1, 2022	Title:	<u>President</u>
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Effective Date

The Revenue Decoupling Adjustment Factor ("RDAF") shall be effective on the first day of the Decoupling Year.

Applicability

The Revenue Decoupling Adjustment Factor shall apply to all of the Company's tariff Rate Schedules, subject to the jurisdiction of the Commission, as determined in accordance with the provisions of this Tariff.

Definitions

- i. The following definitions shall apply throughout the Tariff:
- 1. <u>Actual Base Revenue per Customer</u> is the actual revenue derived from the Company's base rates divided by the number of customers for a given year for a Customer Class.
- 2. <u>Actual Number of Customers</u> is the actual number of customers for the applicable Customer Class for the most recently completed year. Actual Number of Customers shall be calculated by summing the monthly equivalent bills for a given year for a Customer Class and dividing by the number of months in that year.
- 3. <u>Customer Class</u> is the group of all customers taking service pursuant to the same Rate Schedule.
- 4. <u>Decoupling Year</u>. The first Decoupling Year shall be the 12-month period from July 1, 2021 to June 30, 2022. Each subsequent Decoupling Year shall be the twelve months commencing July 1 through June 30.
- 5. <u>Benchmark Base Revenue per Customer</u> is the monthly allowed distribution revenue per Equivalent Bill for a given Decoupling Year for a given Customer Class, reflecting the distribution revenue level and approved equivalent bills from the Company's most recent rate case or other proceeding that results in an adjustment to base rates. Benchmark Base Revenue per Customer will be calculated for each month based on the distribution rates in effect at the start of the Decoupling Year and the calculation will be revised for the remaining months of each Decoupling Year if there is a distribution rate change that occurs following the beginning month of each Decoupling Year.

Calculation of Revenue Decoupling Adjustment

i. Description of Revenue Decoupling Adjustment

At the Decoupling Year, the Company shall calculate a Decoupling Revenue Adjustment to be used to determine the RDAF for the next corresponding season.

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Authorized by NHPUC Order No. 26,376 in Docket No. DE 19-064 , dated June 30, 2020

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The Revenue Decoupling Adjustment shall be determined by calculating the difference between the actual Revenue per Customer and the Benchmark Base Revenue per Customer and multiplying that difference by the Actual Number of Customers for the applicable Customer Class. The Revenue Decoupling Adjustment shall equal the sum of the adjustments calculated for all Customer Classes and shall include a reconciliation component. There shall be a 3% cap on the amount refunded or charged to customers. The 3% cap shall be equal to 0.03 times the allowed revenue requirement subject to annual adjustments. The decoupling amount will be recovered or refunded during the following year up to the 3% cap. Any amounts in excess of the 3% cap will be deferred and recovered or refunded in future periods, as determined by the Commission. Any amounts deferred will be added to the aggregate decoupling adjustment amount of the following periods until recovered or refunded such that there is a maximum adjustment of 3% refunded or charged each year. Any over- or under-collection shall carry interest at the prime rate.

The amounts to be refunded or collected under this decoupling mechanism shall be calculated annually using monthly accruals. These monthly accruals will be summed for each decoupling year and presented in the annual reconciliation filing. Monthly decoupling accruals are calculated as follows:

a) The monthly target revenues per customer ("Monthly Target RPC") amounts will be determined for each of the Company's rate classes by:

i) allocating each years' allowed revenue requirement to each rate class, by month, in proportion to the test year with the following exceptions:

(1) Rate classes M, LED-1, and LED-2 will not be included in the decoupling calculations;

(2) Rate classes D-11 and EV, will not be included in the decoupling calculations as they are new rate classes. The inclusion of those rate classes will be reevaluated in the next rate case; and

ii) dividing each class monthly target revenue number by the number of monthly customer bills from the test year.

b) The Monthly Actual RPC will be calculated as the actual monthly revenues by rate class divided by the actual number of bills for each rate class rendered during that month.

c) The Monthly Actual RPC will be compared to the Monthly Target RPC for each rate class. The difference between the Monthly Actual RPC and the Monthly Target RPC for each rate class will then be multiplied times the actual number of bills rendered for

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Effective:	July 1, 2021 November 1, 2022	Title:	President

Authorized by NHPUC Order No. <u>26,376</u> in Docket No. DE <u>19-064</u>, dated June 30, 2020

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each rate class to determine the monthly revenue shortfall/surplus for each class, the sum of which will constitute the total monthly revenue shortfall/surplus.

d) At the end of the reconciliation period, the monthly amounts will be summed to

Issued:	<u>XX XX, 2022</u> July 6, 2021	Issued by:	/s/ Neil Proudman
	-	-	Neil Proudman
Effective:	July 1, 2021 November 1, 2022	Title:	President
Au	thorized by NHPUC Order No.	_ <mark>26,376</mark> in Docket No. DE _	19-064 , dated June 30, 2020

<u>First Revised</u>Original Page 21C <u>Superseding Original Page 21C</u> Terms and Conditions

THIS PAGE IS NO LONGER APPLICABLE

e) Subject to the cap described above, the Annual Allowed Adjustment revenue shortfall/surplus, will be allocated to the classes using the Rate Class Allocation as detailed on Line 115 of Attachment 5, page 4 of the Settlement Agreement in Docket No. DE 19-064.

f) The amount allocated to each rate class will be allocated to the kWh and kW rate adjustments for each class on the basis of the actual kWh and kW's of the decoupling year.

i. Revenue Decoupling Adjustment Formulas

$$RD_{T} = \sum_{CC=1}^{CC=3} \left[\left(BRPC_{T-1}^{CC} - ARPC_{T-1}^{CC} \right) \times ACUSTS_{T-1}^{CC} \right] -$$

And

$$\frac{RDAF}{FV} = \frac{RD}{FV}$$

Where the terms in the above equation have the following meanings:

	ACUSTS_{T−1}:	each Decoupling Year shall	coupling Year. A be the average nu umming the numbe completed Decoup	ctual number of customers for mber monthly customers in pr of billed customers in each
	<i>ARPC66 T=1</i> :			le applicable Customer Class pling Year (T-1), as defined
	BRPCcc ;	The Benchmark Base Rever Class Group as determined recently completed Decoup	in accordance with	
	ee	Customer Classes as define	d in Section i.3.	
	RD	The Revenue Decoupling a	djustment to reven	ues.
	RDAF_T:	The Revenue Decoupling A	djustment Factor.	
Issued:	-	<u>XX XX, 20XX</u>	Issued by:	/s/ Neil Proudman Neil Proudman
Effective:	July 1, 2021	November 1, 2022	Title:	<u>President</u>

Authorized by NHPUC Order No. 26,376 in Docket No. DE 19-064 , dated June 30, 2020

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FV Forecast sales volumes for the Billing Year.

 Issued:
 July 6, 2021XX XX, 20XX
 Issued by:
 /s/ Neil Proudman

 Effective:
 July 1, 2021November 1, 2022
 Title:
 President

 Authorized by NHPUC Order No. 26,376_____ in Docket No. DE 19-064____, dated June 30, 2020____

<u>First Revised</u>Original Page 21D <u>Superseding Original Page 21D</u> Terms and Conditions

1.0 Application of the RDAF to Customer Bills

The RDAF (\$ per kWh) shall be truncated at the nearest one one-hundredth of a cent per kWh. The RDAF will be applied to the monthly tariff sales for each customer.

2.0 Information to be Filed with the Commission

Information pertaining to the RDAF will be filed annually with the Commission consistent with the filing requirements of all costs and revenue information included in the Tariff. Such information shall include:

- 1. The calculation of the applicable revenue decoupling revenue dollar adjustment for the Decoupling Year by Customer Class Group.
- 2. The calculation of the proposed decoupling rate per kWh for all firm rates to be applied in the Billing Year.
- 3. The calculation of the monthly Benchmark Base Revenue per Customer, to be utilized in the upcoming Decoupling Year. If distribution rates change during the Decoupling Year, the monthly Benchmark Base Revenue per Customer for the remaining months of the Decoupling Year will be revised and filed with the Commission.
- 40. Electricity Consumption Tax Charge

All Customers shall be obligated to pay the Electricity Consumption Tax Charge in accordance with New Hampshire Statute RSA Chapter 83-E, which may be revised from time to time, in addition to all other applicable rates and charges under this Tariff. The Electricity Consumption Tax Charge shall appear separately on all Customer bills. Any discounts provided for under a Special Contract shall not apply to the Electricity Consumption Tax Charge.

41. System Benefits Charge

All customers taking delivery service shall pay the System Benefits Charge as required by New Hampshire law and approved by the Commission. The System Benefits Charge shall recover the

Issued:	XX XX, 20XX	Issued by:	/s/ Neil Proudman
		-	Neil Proudman
Effective:	November 1, 2022	Title:	President
	Authorized by NHPUC Order No.	in Docket No. DE	. dated

Superseding Fifth Sixth Revised Page 90 Rate D

Rate D

Availability

Retail Delivery Service under this rate is available for all domestic purposes in an individual private dwelling or an individual apartment and for farm purposes. If electricity is delivered through more than one meter, the charge for electricity delivered through each meter shall be computed separately under this rate.

Character of Service

Service supplied under this rate will be single phase, 60 cycle, alternating current, normally threewire service at a nominal voltage of 120/240 volts or three-wire 120/208 volts, whichever is available at the location.

Rate Per Month

The rate per month will be the sum of the applicable Customer and Energy Charges subject to the adjustments in this tariff:

Rates for Retail Delivery Service	
Customer Charge	\$14.74 per month
Energy Charges Per Kilowatt-Hour (cents per kilowatt-hour)	
Distribution Charge All kWh	<u>6.103</u> 5.856
Reliability Enhancement/Vegetation Management	0.001
Total Distribution All kWh	<u>6.104</u> 5.857
Transmission Charge	3.635
Stranded Cost Charge	(0.051)
Storm Recovery Adjustment Factor	0.000

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Effective:	August-November 1, 2022	Title:	President

Superseding Fifth-Sixth Revised Page 91 Rate D

Off-Peak Use: 16 Hour Control

For all electricity separately metered and delivered between the hours of 11:00 p.m. on each day and 7:00 a.m. on the next day, the price of such electricity shall be:

Energy Charges Per Kilowatt-Hour (cents per kilowatt-hour)

Distribution Charge Off Peak Use Reliability Enhancement/Vegetation Management	<u>5.269</u> 5.056 0.001
Total Distribution	<u>5.270</u> 5.057
Transmission Charge	3.635
Stranded Cost Charge	(0.051)
Storm Recovery Adjustment Factor	0.000

If a Customer has installed an electric water heater of a type approved by the Company, electricity is delivered to such water heater is supplied only under this rate.

Off-Peak Use: 6 Hour Control

For all electricity separately metered and subject to the Company's right to limit the operation of the bottom water heating element up to 6 hours a day, the price of such electricity shall be:

Energy Charges Per Kilowatt-Hour (cents per kilowatt-hour)

Distribution Charge Off Peak Use Reliability Enhancement/Vegetation Management	<u>5.367</u> 5.150 0.001
Total Distribution	<u>5.368</u> 5.151
Transmission Charge	3.635
Stranded Cost Charge	(0.051)
Storm Recovery Adjustment Factor	0.000

If a Customer has installed an electric water heater of a type approved by the Company, and electricity delivered to such water heater is supplied only under this rate

Issued:	August 5 <u>xxx xx</u> , 2022	Issued by:	/s/ Neil Proudman
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Effective:	August-November 1, 2022	Title:	President

Authorized by NHPUC Order No. 26,<u>xxx</u>661 in Docket No. DE 22-035<u>xxx</u>, dated July 29<u>xxx xx</u>, 2022

Superseding Fifth Sixth Revised Page 92 Rate D

Farm Use

The availability of the Farm Use Section is limited to those locations which were served under the Farm Use Section of Domestic Rate D, N.H.P.U.C. No. 8 - Electricity immediately prior to the effective date of this rate. For such farm customers, where all electricity is supplied by the Company, the RATE PER MONTH is modified as follows:

Energy Charges Per Kilowatt-Hour (cents per kilowatt-hour)

Distribution Charge*	<u>5.760</u> 5.5 27
Reliability Enhancement/Vegetation Management	0.001
Total Distribution	<u>5.761</u> 5.5 28
Transmission Service Cost Adjustment Stranded Cost Adjustment Factor Storm Recovery Adjustment Factor	3.635 (0.051) 0.000

*All Regular Use kilowatt-hours in excess of the greater of the following:

i. 500 kilowatt-hours

ii. 100 kilowatt-hours per kilovolt-ampere of transformer capacity needed to serve the Customer

Issued:	August 5 <u>xxx xx</u> , 2022	Issued by:	/s/ Neil Proudman
			Neil Proudman
Effective:	August November 1, 2022	Title:	President

Superseding Fifth Sixth Revised Page 93 Rate D-10

Rate D-10 Optional Peak Load Rate

Availability

Retail Delivery Service under this rate is available for all domestic purposes in an individual private dwelling or an individual apartment and for farm purposes to selected customers presently served under Rate D.

If electricity is delivered through more than one meter, the charge for electricity delivered through each meter shall be computed separately under this rate. The availability of this rate will be subject to the Company's ability to obtain the necessary meters and to render such service.

Character of Service

Service supplied under this rate will be single phase, 60 cycle, alternating current, normally three-wire service at a nominal voltage of 120/240 volts or three-wire 120/208 volts, whichever is available at the location.

Rate Per Month

The rate per month will be the sum of the applicable Customer and Energy Charges subject to the adjustments in this tariff:

Rates for Retail Delivery Service

Customer Charge

\$14.74 per month

Energy Charges Per Kilowatt-Hour (cents per kilowatt-hour)

Distribution Charge On Peak	<u>12.942</u> 12.447
Distribution Charge Off Peak	<u>0.173</u> 0.167
Reliability Enhancement/Vegetation Management	0.001
Total Distribution Charge On Peak	<u>12.943</u> 12.448
Total Distribution Charge Off Peak	<u>0.174</u> 0.168
Transmission Charge	2.338
Stranded Cost Charge	(0.051)
Storm Recovery Adjustment Factor	0.000

Peak hours will be from 8:00 a.m. to 9:00 p.m. daily on Monday through Friday excluding holidays.

Issued:	August 5 <u>xxx xx</u> , 2022	Issued by:	/s/ Neil Proudman
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Effective:	August-November 1, 2022	Title:	President

Authorized by NHPUC Order No. 26,661<u>xxx</u> in Docket No. DE 22-035<u>xxx</u>, dated July 29<u>xxx xx</u>, 2022

Superseding Fifth-Sixth Revised Page 96 Rate G-1

Rates for Retail Delivery Service

Customer Charge Energy Charges Per Kilowatt-Hour (cents per kilowatt-hour)	\$ <u>448.56</u> 435.18 per month
Distribution Charge On Peak	0.6080.59
Distribution Charge Off Peak	<u>0.179</u> 0.17 4
Reliability Enhancement/Vegetation Management	0.001
Total Distribution Charge On Peak	<u>0.609</u> 0.59
Total Distribution Charge Off Peak	+ <u>0.180</u> 0.17 5
Transmission Charge Stranded Cost Charge	2.492 (0.051)
Storm Recovery Adjustment Factor	0.000
Demand Charges Per Kilowatt	
Distribution	\$ <u>9.50</u> 9.22

Distribution Energy Charges Peak Periods

Peak hours will be from 8:00 a.m. to 9:00 p.m. daily on Monday through Friday excluding holidays.

Off-Peak hours will be from 9:00 p.m. to 8:00 a.m. daily Monday through Friday, and all day on Saturdays, Sundays, and holidays.

Demand

The Demand for each month under ordinary load conditions shall be the greatest of the following:

- 1. The greatest fifteen-minute peak during the peak hours which occurs during such month as measured in kilowatts,
- 2. 90% of the greatest fifteen-minute peak during the peak hours occurring during such month as measured in kilovolt-amperes where the Customer's kilowatt Demand exceeds 75 kilowatts, or
- 3. 80% of the greatest Demand as so determined above during the preceding eleven months.

Issued:	August 5 <u>xxx xx</u> , 2022	Issued by:	/s/ Neil Proudman
	-		Neil Proudman
Effective:	August-November 1, 2022	Title:	President

Superseding Fifth Sixth Revised Page 96 Rate G-1

Any Demands established during the eleven (11) months prior to the application of this rate shall be considered as having been established under this rate.

 Issued:
 August 5xxx xx, 2022
 Issued by:
 /s/ Neil Proudman

 Effective:
 August November 1, 2022
 Title:
 President

Superseding First Second Revised Page 97 Rate G-1

Optional Determination of Demand

However, a Customer who has been served hereunder for one year or more may upon written request have the Demand for each month, beginning with the next month after such request and running for a period of not less than two consecutive months, be based upon the greatest of items a) or b) above. In such case, the Demand Charge and the Energy Charge will be increased by 20% during such period.

High Voltage Metering Adjustment

The Company reserves the right to determine the metering installation. Where service is metered at the Company's supply line voltage, in no case less than 2400 volts, thereby saving the Company transformer losses, a discount of 1% will be allowed from the amount determined under the preceding provisions.

Credit for High Voltage Delivery

If the Customer accepts delivery at the Company's supply line voltage, not less than 2400 volts and the Company is saved the cost of installing any transformer and associated equipment, a credit of billing demand for such month shall be allowed against the amount determined under the preceding provisions.

High Voltage Delivery Credit

(\$0.49<u>50</u>) per kW

Terms of Agreement

A Customer served under this rate must provide the Company with one-year prior written notice before installing additional on-site, non-emergency generation for its own use. This notice provision shall be waived with respect to the installation of on-site non-emergency generation from renewable energy resources. Renewable energy resources shall mean fuel cells (including natural gas powered fuel cells), and emerging power technologies that produce electricity from wind energy, solar energy, small-scale hydro power, ocean power, landfill gas, sustainably managed biomass, and future clean renewable technologies.

Issued:	August 5 <u>xxx xx</u> , 2022	Issued by: //	s/ Neil Proudman
			Neil Proudman
Effective:	August November 1, 2022	Title:	President

FifthSixth Revised Page 98 Superseding Fourth Fifth Revised Page 98 Rate G-2

General Long Hour Service Rate G-2

Availability

Retail Delivery Service under this rate is available for all purposes except resale subject to the provisions of this section. The sale of electric vehicle charging services to a third party from an electric vehicle charging station shall not be considered resale of electricity. A Customer will take delivery service on this rate if the Company estimates that its average use will be greater than or equal to 20 kW of Demand but is less than 200 kW of Demand. If electricity is delivered through more than one meter, except at the Company's option, the charge for electricity delivered through each meter shall be computed separately under this rate. A customer may be transferred from rate G-2 at its request or at the option of the Company if the customer's twelve (12) month average monthly demand is less than 180 kW of demand for three consecutive months.

If any electricity is delivered hereunder at a given location, then all electricity delivered by the Company at such location shall be furnished hereunder, except such electricity as may be delivered under the provisions of the Limited Commercial Space Heating Rate V.

Character of Service

Service supplied under this rate will be 60 cycle, three-phase alternating current normally at a nominal voltage of 120/208, 277/480, 2400, 4160, 4800, 7200, 13,200 and 13,800 volts. All voltages are not available in every area.

Rate Per Month

The Rate Per Month will be the sum of the applicable Customer, Demand and Energy Charges subject to the adjustments in this tariff.

Rates for Retail Delivery Service

Customer Charge

\$<u>74.76</u>72.52 per month

Energy Charges Per Kilowatt-Hour (cents per kilowatt-hour)

Distribution Charge	0. <u>240</u> 233
Reliability Enhancement/Vegetation Management	0.001
Total Distribution Charge	0. <u>241</u> 234

Issued:	August 5 <u>xxx xx</u> , 2022	Issued by: /s	/ Neil Proudman
	-	·	Neil Proudman
Effective:	August-November 1, 2022	Title:	President

NHPUC NO. 21 - ELECTRICITY DELIVERY LIBERTY UTILITIES	Superseding Fifth-Sixth Revised Page 99 Superseding Fifth-Sixth Revised Page 99 Rate G-2
Transmission Charge	2.529
Stranded Cost Charge	(0.051)
Storm Recovery Adjustment Factor	0.000
Demand Charges Per Kilowatt	
Distribution	\$ <u>9.55</u> 9.27

Demand

The Demand for each month under ordinary load conditions shall be the greatest of the following:

- 1. The greatest fifteen-minute peak during the peak hours which occurs during such month as measured in kilowatts,
- 2. 90% of the greatest fifteen-minute peak occurring during such month as measured in kilovolt-amperes where the Customer's kilowatt Demand exceeds 75 kilowatts, or
- 3. 80% of the greatest Demand as so determined above during the preceding eleven months.

Any Demands established during the eleven months prior to the application of this rate shall be considered as having been established under this rate.

Optional Determination of Demand

However, a Customer who has been served hereunder for one year or more may upon written request have the Demand for each month, beginning with the next month after such request and running for a period of not less than two consecutive months, be based upon the greatest of items a) or b) above. In such case, the Demand Charge and the Energy Charge will be increased by 20% during such period.

High Voltage Metering Adjustment

The Company reserves the right to determine the metering installation. Where service is metered at the Company's supply line voltage, in no case less than 2400 volts, thereby saving the Company transformer losses, a discount of 1% will be allowed from the amount determined under the preceding provisions.

Issued:	August 5 <u>xxx xx</u> , 2022	Issued by:	/s/ Neil Proudman
	-	-	Neil Proudman
Effective:	August-November 1, 2022	Title:	President

Superseding First Second Revised Page 100 Rate G-2

Credit for High Voltage Delivery

If the Customer accepts delivery at the Company's supply line voltage, not less than 2400 volts, and the Company is saved the cost of installing any transformer and associated equipment, a credit of the peak hours billing demand for such month shall be allowed against the amount determined under the preceding provisions.

High Voltage Delivery Credit

(\$0.49<u>50</u>) per kW

Terms of Agreement

A Customer served under this rate must provide the Company with one-year prior written notice before installing additional on-site, non-emergency generation for its own use. This notice provision shall be waived with respect to the installation of on-site non-emergency generation from renewable energy resources. Renewable energy resources shall mean fuel cells (including natural gas powered fuel cells), and emerging power technologies that produce electricity from wind energy, solar energy, small-scale hydro power, ocean power, landfill gas, sustainably managed biomass, and future clean renewable technologies.

Issued:	August 5 <u>xxx xx</u> , 2022	Issued by: //	s/ Neil Proudman
	-		Neil Proudman
Effective:	August November 1, 2022	Title:	President

Superseding Fifth Sixth Revised Page 101 Rate G-3

General Service Rate G-3

Availability

Retail Delivery Service under this rate is available for all purposes except resale. The sale of electric vehicle charging services to a third party from an electric vehicle charging station shall not be considered resale of electricity. A Customer will take delivery service on this rate if the Company estimates that its average use will be less than 20 kW of demand. If electricity is delivered through more than one meter, except at the Company's option, the charge for electricity delivered through each meter shall be computed separately under this rate.

Character of Service

Service supplied under this rate will be 60 cycle, alternating current either:

- a) Single-phase normally three-wire at a nominal voltage of 120/240 volts.
- b) Three-phase secondary normally at a nominal voltage of 120/208, or 277/480 volts.
- c) Three-phase primary normally at a nominal voltage of 2400, 4160, 4800, 7200, 13,200 or 13,800 volts.

All voltages are not available in every area.

Rate Per Month

The rate per month will be the sum of the Customer and Energy Charges subject to the adjustments in this tariff:

Rates for Retail Delivery Service

Customer Charge

\$<u>17.17</u>16.66 per month

Energy Charges Per Kilowatt-Hour (cents per kilowatt-hour)

Distribution Charge	<u>5.445</u> 5 .282
Reliability Enhancement/Vegetation Management	0.001
Total Distribution Charge	<u>5.446</u> 5 .283
Transmission Charge	3.014
Stranded Cost Charge	(0.051)
Storm Recovery Adjustment Factor	0.000

Issued:	August 5 <u>xxx xx</u> , 2022	Issued by:	/s/ Neil Proudman		
Effective:	August-November 1, 2022	Title:	Neil Proudman President		
Effective.	rugust ivoveniber 1, 2022	Title.	resident		

Superseding Fifth Sixth Revised Page 104 Revised Page 104 Rate T

Character of Service

Service supplied under this rate will be single phase, 60 cycle, alternating current, normally three-wire service at a nominal voltage of 120/240 volts or three-wire 120/208 volts, whichever is available at the location.

Rate Per Month

Rates for Retail Delivery Service

The rate per month will be the sum of the applicable Customer and Energy Charges subject to the adjustments in this tariff.

Customer Charge	\$14.74 per month		
Energy Charges Per Kilowatt-Hour (cents per kilowatt-hour)			
Distribution Charge	<u>4.922</u> 4.74 3		
Reliability Enhancement/Vegetation Management	0.001		
Total Distribution Charge	<u>4.923</u> 4.74 4		
Transmission Charge Stranded Cost Charge	2.615 (0.051)		
Storm Recovery Adjustment Factor	0.000		

Terms of Agreement

A Customer served under this rate must provide the Company with one-year prior written notice before installing additional generation for its own use. This notice provision shall be waived with respect to the installation of on-site non-emergency generation from renewable energy resources. Renewable energy resources shall mean fuel cells (including natural gas powered fuel cells), and emerging power generation technologies that produce electricity from wind energy, solar energy, small-scale hydro power, ocean power, landfill gas, sustainably managed biomass, and future clean renewable technologies.

Issued:	August 5 <u>xxx xx</u> , 2022	Issued by:	/s/ Neil Proudman
			Neil Proudman
Effective:	August-November 1, 2022	Title:	President

Superseding Fifth Sixth Revised Page 107 Rate V

Rates for Retail Delivery Service

Customer Charge Energy Charges Per Kilowatt-Hour (cents per kilowatt-hour)	\$ <u>17.17</u> 16.66 per month
Distribution Charge	<u>5.600</u> 5.4 33
Reliability Enhancement/Vegetation Management	0.001
Total Distribution Charge	<u>5.601</u> 5.4 3 4
Transmission Charge	3.003
Stranded Cost Charge	(0.051)
Storm Recovery Adjustment Factor	0.000

Terms of Agreement

A Customer served under this rate must provide the Company with one-year prior written notice before installing additional on-site, non-emergency generation for its own use. This notice provision shall be waived with respect to the installation of on-site non-emergency generation from renewable energy resources. Renewable energy resources shall mean fuel cells (including natural gas powered fuel cells), and emerging power generation technologies that produce electricity from wind energy, solar energy, small-scale hydro power, ocean power, landfill gas, sustainably managed biomass, and future clean renewable technologies.

Issued:	August 5xxx xx, 2022	Issued by:	/s/ Neil Proudman
Effective:	August November 1, 2022	Title:	Neil Proudman <u>President</u>

Authorized by NHPUC Order No. 26,<u>xxx661</u> in Docket No. DE 22-035<u>xxx</u>, dated July 29<u>xxx xx</u>, 2022

Thirteenth Revised Page 126 Superseding Twelfth Revised Page 126

Summary of Rates

NHPUC No. 21 - ELECTRICITY LIBERTY UTILITIES

					ATES EFFEC' J SAGE ON AN			022				
Rate	Blocks	Distribution Charge	REP/ VMP	Net Distribution Charge	Transmission Charge	Stranded Cost Charge	Storm Recovery Adjustment Factor	System Benefits Charge	Electricity Consumption Tax	Total Delivery Service	Energy Service	Total Rate
D	Customer Charge All kWh	\$ 14.74 <u>\$ 0.05856</u>	0.00001	14.74	0.03635	(0.00051)	-	0.00792	_	14.74 	0.22228	\$ 14. \$ 0.32 4
Off Peak Water						(0.00000)						
Ieating Use 16 Hour Control ¹	All kWh	<u>\$-0.05056</u>	0.00001	0.0505 7	0.03635	(0.00051)	-	0.00792	-	— 0.09433	0.22228	\$ 0.316
Off Peak Water Heating Use 6 Hour Control ¹	All kWh	<u>\$ 0.05150</u>	0.00001	0.05151	0.03635	(0.00051)	-	0.00792	-	— 0.09527	0.22228	\$ 0.317
Farm ¹	All kWh	<u>\$-0.05527</u>	0.00001		0.03635	(0.00051)	-	0.00792	-		0.22228	\$ 0.321
	Customer Charge	\$ 14.74		14.74						14.74		\$ 14
D-10	On Peak kWh	<u>\$-0.12447</u>	0.00001		0.02338	(0.00051)	-	0.00792	-		0.22228	\$ 0.377
	Off Peak kWh	<u>\$0.00167</u>	0.00001	<u> </u>	0.02338	(0.00051)	-	0.00792	-		0.22228	\$ 0.25 4
	Customer Charge	\$ —435.18		<u> </u>						435.18		\$ —435
	Demand Charge	<u>\$9.22</u>		9.22						<u> </u>		\$9
	On Peak kWh	<u>\$0.00590</u>	0.00001		0.02492	(0.00051)	-	0.00792	-			
									ctive 8/1/22, usag	~	0.18587	<u>\$ 0.22</u>
									ctive 9/1/22, usag	-	0.16081	\$ 0.19
									ive 10/1/22, usag	-	0.15134	\$ 0.18
									ive 11/1/22, usag	~	0.19864	<u>\$ 0.23</u>
G-1									ive 12/1/22, usag	-	0.34354	
	Off Peak kWh	\$0.00174	0.00001		0.02492	(0.00051)	-	0.00792	tive 1/1/23, usag	ge on or after 	0.41240	\$ 0.45
						(,			tive 8/1/22, usas		0.18587	<u>\$ 0.21</u>
									tive 9/1/22, usa	-	0.16081	<u>\$ 0.19</u>
								Effect	ive 10/1/22, usag	ge on or after	0.15134	<u>\$ 0.18</u>
								Effect	ive 11/1/22, usag	ge on or after	0.19864	<u>\$ 0.23</u>
								Effect	ive 12/1/22, usag	ge on or after	0.34354	<u>\$ 0.37</u>
								Effe	tive 1/1/23, usag	ge on or after	0.41240	\$ 0.4 4
	Customer Charge	<u>\$72.52</u>								72.52		<u>\$</u> 7
	Demand Charge	§9.27		9.2 7						<u> </u>		<u>\$</u>
	All kWh	<u>\$-0.00233</u>	0.00001	0.0023 4	0.02529	(0.00051)	-	0.00792	-			
								Effe	ctive 8/1/22, usag	ge on or after	0.18587	<u>\$-0.22</u>
G-2								Effe	ctive 9/1/22, usag	ge on or after	0.16081	\$-0.1 9
								Effect	ive 10/1/22, usag	ge on or after	0.15134	<u>\$-0.18</u>
								Effect	ive 11/1/22, usag	ge on or after	0.19864	<u>\$-0.23</u>
								Effect	ive 12/1/22, usag	ge on or after	0.34354	\$ 0.37
								Effe	ctive 1/1/23, usag	ge on or after	0.41240	\$ 0.4 4
G-3	Customer Charge	<u>\$ 16.66</u>	0.0007	<u> </u>		(0.000 F.)		0.0086-		<u> </u>		<u>\$</u> 1
	All kWh	<u>\$-0.05282</u>	0.00001	0.05283	0.03014	(0.00051)	-	0.00792	-	<u></u>	0.22228	\$ 0.31
Т	Customer Charge	\$ 14.74 \$ 0.04743	0.00001	14.74	0.02615	(0.00051)	_	0.00702		14.74	0.00000	\$ 14 \$ 0.30
	All kWh	<u>\$ 0.04743</u> <u>\$ 16.66</u>	0.00001	<u></u>	0.02615	(0.00051)	-	0.00792	-	<u></u>	0.22228	\$ 0.30 \$ 10
V	Minimum Charge All kWh	\$ 16.66 \$ 0.05433	0.00001	<u> </u>	0.03003	(0.00051)	_	0.00792	-		0.22228	\$ 10 \$ 0.31
	Customer Charge	\$	0.00001	<u> </u>	0.05003	(0.00031)	-	0.00792	-	0.09178	0.22228	\$14.7
	Monday through F											
	Off Peak	\$0.03411	\$0.00001	\$0.03412	(\$0.00201)	(\$0.00051)	_	\$0.00792	_	\$0.03862	\$0.06192	\$0.10
D-11	Mid Peak	\$0.03411 \$0.05019	\$0.00001 \$0.00001	\$0.03412 \$0.05020	\$0.00733	(\$0.00051)	-	\$0.00792 \$0.00792	-	\$0.03862 \$0.06494	\$0.06192	\$0.10
	Critical Peak	\$0.05019 \$0.09096	\$0.00001 \$0.00001	\$0.05020 \$0.09097	\$0.00733	(\$0.00051)	-	\$0.00792 \$0.00792	-	\$0.06494 \$0.29201	\$0.10376	\$0.16
	Citucai r Cak	\$0.09090	\$0.0000I	30.0909/	JU.19303	(\$0.00051)	-	30.00/92	-	30.47401	30.21/39	30.30

¹ Rate is a subset of Domestic Rate D

August 5, 2022 August 1, 2022 Dated:

Effective:

Issued by: <u>/s/Neil Proudman</u> Neil Proudman Title: President