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Liberty Utilities (Granite State Electric) Corp. d/b/a Liberty
Summary of Proposed Rates For Stranded Cost and Transmission \$/kWh

1	Rate Class	Stranded Cost Charge	Stranded Cost Adjustment Factor	Net Stranded Cost Charge	Transmission Charge	Transmission Service Cost Adjustment	RGGI Auction Proceeds Refund	Property Tax Adjustment Mechanism	Net Metering LRAM	Net Transmission Charge
2		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)
3		DE 22-003	HMT/AMH-2 P1	(a) + (b)	HMT/AMH-3 P1	HMT/AMH-3 P4	HMT/AMH-4	HMT/AMH-5	HMT/AMH 6	(d) + (e) + (f) + (g)
4	D	(\$0.00050)	(\$0.00001)	(\$0.00051)	\$0.03890	\$0.00100	(\$0.00391)	\$0.00036	\$0.00014	\$0.03649
5	D-10	(\$0.00050)	(\$0.00001)	(\$0.00051)	\$0.02593	\$0.00100	(\$0.00391)	\$0.00036	\$0.00014	\$0.02352
6	T	(\$0.00050)	(\$0.00001)	(\$0.00051)	\$0.02870	\$0.00100	(\$0.00391)	\$0.00036	\$0.00014	\$0.02629
7	G-1	(\$0.00050)	(\$0.00001)	(\$0.00051)	\$0.02747	\$0.00100	(\$0.00391)	\$0.00036	\$0.00014	\$0.02506
8	G-2	(\$0.00050)	(\$0.00001)	(\$0.00051)	\$0.02784	\$0.00100	(\$0.00391)	\$0.00036	\$0.00014	\$0.02543
9	G-3	(\$0.00050)	(\$0.00001)	(\$0.00051)	\$0.03269	\$0.00100	(\$0.00391)	\$0.00036	\$0.00014	\$0.03028
10	V	(\$0.00050)	(\$0.00001)	(\$0.00051)	\$0.03258	\$0.00100	(\$0.00391)	\$0.00036	\$0.00014	\$0.03017
11	Streetlights	(\$0.00050)	(\$0.00002)	(\$0.00052)	\$0.02183	\$0.00100	(\$0.00391)	\$0.00036	\$0.00014	\$0.01942

Line 2: Information in columns (a) through (g) were provided in the Company's filing in DE 22-018 on March 22, 2022.

**Liberty Utilities (Granite State Electric) Corp. d/b/a Liberty
2021 Lost Revenue Adjustment for Net Metering**

Rate Year (a)	2021 Lost Base Revenues (b)	Forecasted Distribution (kWh) (c)	Transmission Rate LBR Portion (\$/kWh) (d)
2021	\$130,717	917,255,198	\$0.00014

Col. A: Effective year (January 1, 2021 - June 30, 2021)

Col. B: Attachment HMT/AMH-6 page 3

Col. C: Company Forecast

Col. D: Column (b) / column (c)

**Liberty Utilities (Granite State Electric) Corp. d/b/a Liberty
Lost Revenue Calculation by Town For the Period January 1, 2021 - June, 2021**

Line	Town	Commercial		Residential	
		kW Installed	LBR	kW Installed	LBR
	(a)	(b)	(c)	(d)	(e)
1	Acworth	-	\$0	17.00	\$656
2	Alstead	-	\$0	142.55	\$5,426
3	Bath	-	\$0	5.00	\$190
4	Canaan	789.80	\$9,366	80.53	\$3,066
5	Charlestown	-	\$0	10.17	\$387
6	Cornish	-	\$0	14.00	\$520
7	Cornish Flat	-	\$0	12.64	\$484
8	Derry	-	\$0	8.35	\$327
9	Enfield	14.45	\$172	244.72	\$9,311
10	Etna	-	\$0	217.45	\$8,325
11	Hanover	232.50	\$8,770	465.82	\$17,572
12	Langdon	10.00	\$120	17.86	\$687
13	Lebanon	169.98	\$2,002	335.60	\$12,692
14	Marlow	-	\$0	4.40	\$169
15	Meriden	311.40	\$3,682	45.63	\$1,733
16	Monroe	-	\$0	15.95	\$598
17	Pelham	-	\$0	272.84	\$10,522
18	Plainfield	30.80	\$361	120.60	\$4,537
19	Salem	136.98	\$1,658	149.00	\$5,787
20	Surry	-	\$0	13.18	\$500
21	Walpole	221.60	\$2,633	374.35	\$14,654
22	West Lebanon	-	\$0	50.75	\$1,918
23	Windham	<u>68.80</u>	<u>\$833</u>	<u>27.25</u>	<u>\$1,059</u>
24	Total	1,986.31	\$29,597	2,645.63	\$101,120

- (a) Town with installed solar
- (b) Total solar taking service under rates G-1, G-2 and V
- (c) Column (b) PV Watts calculation using LBR commercial rate \$0.01786
- (d) Total solar taking service under rates D, D-10, T
- (e) Column (d) PV Watts calculation using LBR commercial rate \$0.05733

**Liberty Utilities (Granite State Electric) Corp. d/b/a Liberty
Calculation of Forecasted Average Distribution Rate for Lost Revenue
Based on Actual Billing Determinants for 2018***

	(1)	(2)	(3) = (1) + (2)	(4)	(5)	(6) = (1) + (4)	(7) = (2) / (5)	(8) = (3) / (5)
For the Period 01/01/21 Through 6/30/2021								
Rate Class	Revenue			Delivery kW	Delivery kWh	Average	Average	Average
	Demand Charges ^(a)	kWh Charges	Total Demand and kWh Charges			Distribution Rate \$/kW	Distribution Rate \$/kWh	Distribution Rate \$/kWh
Rate D	\$ -	\$ 7,792,106	\$ 7,792,106	\$ -	135,915,277	N/A	N/A	\$ 0.05733
Rate D-10	\$ -	\$ 135,936	\$ 135,936	\$ -				
Rate T	\$ -	\$ 416,081	\$ 416,081	\$ -				
Total Residential	\$ -	\$ 8,344,122	\$ 8,344,122	\$ -				
Rate G-1	\$ 4,099,006	\$ 688,939	\$ 4,787,944	451,731	178,515,935	\$ 9.07	\$ 0.00386	\$ 0.02682
Rate G-2	\$ -	\$ 2,284,972	\$ 2,284,972	-	72,898,353	\$ -	\$ 0.03134	\$ 0.03134
Rate G-3	\$ -	\$ 2,298,964	\$ 2,298,964	-	44,089,496	\$ -	\$ 0.05214	\$ 0.05214
Rate V	\$ -	\$ 9,228	\$ 9,228	-	172,209	\$ -	\$ 0.05359	\$ 0.05359
Total C&I	\$ 4,099,006	\$ 5,282,103	\$ 9,381,108	451,731	295,675,993	\$ 9.07	\$ 0.01786	\$ 0.03173

* Excludes the outdoor lighting Rate OL and the Customer/Meter charge revenue from each rate. Used billing determinants from DE 19-064

(a) For Rate G-2, the demand charge is excluded from the average rate calculation

Liberty Utilities (Granite State Electric) Corp. d/b/a Liberty
Calculation of Distribution Revenue at the Rate Levels in Effect During 2021
Based on Billing Determinants for the Twelve Months Ending December 2018

Residential Rate D									
Rate	Source	January 1, 2021 - April 30, 2021			May 1, 2021 - June 30, 2021			2021 Total	
		Units	Rate	Revenue	Units	Rate	Revenue	Units	Revenue
Standard	Customer Charge	141,213	\$ 14.67	\$ 2,071,595	70,576	\$ 14.74	\$ 1,040,290	211,789	\$ 3,111,885
	All kWh	95,419,680	\$0.05713	\$ 5,451,326	39,012,006	\$0.05805	\$ 2,264,647	134,431,686	\$ 7,715,973
Off Peak kWh 16 Hour	All kWh	425,641	\$0.04934	\$ 21,001	168,850	\$0.05021	\$ 8,478	594,491	\$ 29,479
Farm kWh	All kWh	336,408	\$0.05393	\$ 18,142	136,211	\$0.05483	\$ 7,468	472,619	\$ 25,611
D-6 kWh	All kWh	285,950	\$0.05025	\$ 14,369	130,531	\$0.05113	\$ 6,674	416,481	\$ 21,043
Total Residential	Customer/Meter	141,213		\$ 2,071,595	70,576		\$ 1,040,290	211,789	\$ 3,111,885
	Demand	-		-	-		-	-	-
	kWh	96,467,679		\$ 5,504,839	39,447,598		\$ 2,287,267	135,915,277	\$ 7,792,106
				\$ 7,576,434			\$ 3,327,558		\$10,903,991

Residential Rate D-10									
Col. B - Col. C - Col. D - Col. E - Col. F	Source	January 1, 2021 - April 30, 2021			May 1, 2021 - June 30, 2021			2021 Total	
		Units	Rate	Revenue	Units	Rate	Revenue	Units	Revenue
Standard	Customer Charge	1,763	\$ 14.67	\$ 25,863	879	\$ 14.74	\$ 12,956	2,642	\$ 38,820
	On Peak kWh	819,396	\$0.12151	\$ 99,565	264,793	\$0.12279	\$ 32,514	1,084,189	\$ 132,079
	Off Peak kWh	1,647,511	\$0.00173	\$ 2,850	439,551	\$0.00229	\$ 1,007	2,087,062	\$ 3,857
Total Rate D-10	Customer/Meter	1,763		\$ 25,863	879		\$ 12,956	2,642	\$ 38,820
	Demand	-		\$ -	-		\$ -	-	\$ -
	kWh	2,466,907		\$ 102,415	704,344		\$ 33,521	3,171,251	\$ 135,936
				\$ 128,278			\$ 46,477		\$ 174,755

Commercial & Industrial Rate G-1									
Rate	Source	January 1, 2021 - April 30, 2021			May 1, 2021 - June 30, 2021			2021 Total	
		Units	Rate	Revenue	Units	Rate	Revenue	Units	Revenue
Standard	Customer Charge	533	\$ 426.78	\$ 227,474	279	\$ 428.73	\$ 119,616	812	\$ 347,089
	Demand Charge	293,661	\$ 9.06	\$ 2,660,569	158,070	\$ 9.10	\$ 1,438,437	451,731	\$ 4,099,006
	On Peak kWh	64,013,730	\$0.00588	\$ 376,401	36,141,242	\$0.00646	\$ 233,472	100,154,972	\$ 609,873
	Off Peak kWh	48,788,724	\$0.00180	\$ 87,820	29,394,681	\$0.00236	\$ 69,371	78,183,405	\$ 157,191
	Credit for High Voltage Delivery	90,841	\$ (0.44)	\$ (39,970)	86,717	\$ (0.44)	\$ (38,155)	177,558	\$ (78,126)
Total Rate G-1	Customer/Meter	533		\$ 227,474	279		\$ 119,616	812	\$ 347,089
	Demand	293,661		\$ 2,660,569	158,070		\$ 1,438,437	451,731	\$ 4,099,006
	kWh	112,893,295		\$ 424,250	65,622,640		\$ 264,688	178,515,935	\$ 688,939
				\$ 3,312,293			\$ 1,822,741		\$ 5,135,034

Commercial Rate G-2									
Rate	Source	January 1, 2021 - April 30, 2021			May 1, 2021 - June 30, 2021			2021 Total	
		Units	Rate	Revenue	Units	Rate	Revenue	Units	Revenue
Standard	Customer Charge	3,621	\$ 71.14	\$ 257,598	1,817	\$ 71.46	\$ 129,843	5,438	\$ 387,441
	Demand Charge	163,850	\$ 9.11	\$ 1,492,674	86,590	\$ 9.15	\$ 792,299	250,440	\$ 2,284,972
	All kWh	48,549,883	\$0.00238	\$ 115,549	24,347,591	\$0.00295	\$ 71,825	72,897,474	\$ 187,374
	Credit for High Voltage Delivery	577	\$ (0.44)	\$ (254)	302	\$ (0.44)	\$ (133)	879	\$ (387)
Total Rate G-2	Customer/Meter	3,621		\$ 257,598	1,817		\$ 129,843	5,438	\$ 387,441
	Demand	163,850		\$ 1,492,674	86,590		\$ 792,299	250,440	\$ 2,284,972
	kWh	48,550,460		\$ 115,295	24,347,893		\$ 71,693	72,898,353	\$ 186,987
				\$ 1,865,566			\$ 993,834		\$ 2,859,400

General Service Rate G-3									
Rate	Source	January 1, 2021 - April 30, 2021			May 1, 2021 - June 30, 2021			2021 Total	
		Units	Rate	Revenue	Units	Rate	Revenue	Units	Revenue
Standard	Customer Charge	22,671	\$ 16.36	\$ 370,898	11,288	\$ 16.43	\$ 185,462	33,959	\$ 556,359
	All kWh	30,521,195	\$0.05190	\$ 1,584,050	13,568,301	\$0.05269	\$ 714,914	44,089,496	\$ 2,298,964
Total Rate G-3	Customer/Meter	22,671		\$ 370,898	11,288		\$ 185,462	33,959	\$ 556,359
	Demand	-		\$ -	-		\$ -	-	\$ -
	kWh	30,521,195		\$ 1,584,050	13,568,301		\$ 714,914	44,089,496	\$ 2,298,964
				\$ 1,954,948			\$ 900,376		\$ 2,855,323

Electric Heat Rate T									
Rate	Source	January 1, 2021 - April 30, 2021			May 1, 2021 - June 30, 2021			2021 Total	
		Units	Rate	Revenue	Units	Rate	Revenue	Units	Revenue
Standard	Customer Charge	3,898	\$ 14.67	\$ 57,184	1,935	\$ 14.74	\$ 28,522	5,833	\$ 85,706
	All kWh	7,115,111	\$0.04639	\$ 330,070	1,821,872	\$0.04721	\$ 86,011	8,936,983	\$ 416,081
Total Rate T	Customer/Meter	3,898		\$ 57,184	1,935		\$ 28,522	5,833	\$ 85,706
	Demand	-		\$ -	-		\$ -	-	\$ -
	kWh	7,115,111		\$ 330,070	1,821,872		\$ 86,011	8,936,983	\$ 416,081
				\$ 387,254			\$ 114,532		\$ 501,786

Electric Heat Rate V									
Rate	Source	January 1, 2021 - April 30, 2021			May 1, 2021 - June 30, 2021			2021 Total	
		Units	Rate	Revenue	Units	Rate	Revenue	Units	Revenue
Standard	Customer Charge	72	\$ 16.36	\$ 1,178	36	\$ 16.43	\$ 591	108	\$ 1,769
	All kWh	127,747	\$0.05338	\$ 6,819	44,462	\$0.05418	\$ 2,409	172,209	\$ 9,228
Total Rate V	Customer/Meter	72		\$ 1,178	36		\$ 591	108	\$ 1,769
	Demand	-		\$ -	-		\$ -	-	\$ -
	kWh	127,747		\$ 6,819	44,462		\$ 2,409	172,209	\$ 9,228
				\$ 7,997			\$ 3,000		\$ 10,997

Outdoor Lighting Rate OL									
Type	Fixture	January 1, 2021 - April 30, 2021			May 1, 2021 - June 30, 2021			2021 Total	
		Units	Rate	Revenue	Units	Rate	Revenue	Units	Revenue
High Pressure Sodium	HPS RWY 50W	8,846	\$ 8.39	\$ 74,218	5,813	\$ 8.42	\$ 48,945	14,659	\$ 123,163
	HPS RWY 100W	6,320	\$ 9.69	\$ 61,241	4,534	\$ 9.73	\$ 44,116	10,854	\$ 105,357
	HPS RWY 250W	1,963	\$ 16.06	\$ 31,526	1,120	\$ 16.14	\$ 18,077	3,083	\$ 49,603
	HPS RWY 400W	754	\$ 19.98	\$ 15,065	199	\$ 20.07	\$ 3,994	953	\$ 19,059
	HPS POST 100W	1,240	\$ 11.36	\$ 14,086	1,192	\$ 11.41	\$ 13,601	2,432	\$ 27,687
	HPS FLD 250W	1,030	\$ 16.24	\$ 16,727	534	\$ 16.31	\$ 8,710	1,564	\$ 25,437
	HPS FLD 400W	1,680	\$ 21.69	\$ 36,439	864	\$ 21.78	\$ 18,818	2,544	\$ 55,257
	Incandescent	INC RWY 103W	92	\$ 10.75	\$ 989	46	\$ 10.79	\$ 496	138
Mercury	MV RWY 100W	288	\$ 7.44	\$ 2,143	142	\$ 7.47	\$ 1,061	430	\$ 3,203
	MV RWY 175W	570	\$ 8.36	\$ 4,765	280	\$ 8.39	\$ 2,349	850	\$ 7,114
	MV RWY 400W	201	\$ 14.93	\$ 3,001	100	\$ 14.99	\$ 1,499	301	\$ 4,500
	MV RWY 1000W	4	\$ 25.21	\$ 101	2	\$ 25.32	\$ 51	6	\$ 151
	MV FLD 400W	85	\$ 17.08	\$ 1,452	42	\$ 17.15	\$ 720	127	\$ 2,172
POLES	MV FLD 1000W	-	\$ 33.06	\$ -	-	\$ 33.21	\$ -	-	\$ -
	WOOD	468	\$ 9.47	\$ 4,432	237	\$ 9.51	\$ 2,254	705	\$ 6,686
	POLE FIBER DIRECT EMBEDDED	747	\$ 9.81	\$ 7,328	723	\$ 9.92	\$ 7,172	1,470	\$ 14,500
	POLE FIBER RWY <25FT	478	\$ 16.65	\$ 7,959	412	\$ 16.73	\$ 6,893	890	\$ 14,851
	POLE FIBER RWY =>25FT	12	\$ 27.84	\$ 334	12	\$ 27.97	\$ 336	24	\$ 670
	POLE METAL EMBEDDED	568	\$ 19.85	\$ 11,275	404	\$ 19.94	\$ 8,056	972	\$ 19,331
	POLE METAL =>25FT	376	\$ 23.94	\$ 9,001	222	\$ 24.05	\$ 5,339	598	\$ 14,341
	LED	LED 30W	56	\$ 5.44	\$ 305	28	\$ 5.46	\$ 153	84
LED 50W	112	\$ 5.67	\$ 635	193	\$ 5.69	\$ 1,098	305	\$ 1,733	
LED 130W	123	\$ 8.75	\$ 1,076	382	\$ 8.79	\$ 3,358	505	\$ 4,434	
LED 190W	13	\$ 16.75	\$ 218	11	\$ 16.82	\$ 185	24	\$ 403	

Outdoor Lighting Rate OL									
Type	Fixture	January 1, 2021 - April 30, 2021			May 1, 2021 - June 30, 2021			2021 Total	
		Units	1/16/1900	Revenue	Units	1/16/1900	Revenue	Units	Revenue
	LED 30W URD	42	\$ 12.67	\$ 532	36	\$ 12.72	\$ 458	78	\$ 990
	LED 90W FLOOD	-	\$ 8.62	\$ -	-	\$ 8.65	\$ -	-	\$ -
	LED 130W FLOOD	-	\$ 9.90	\$ -	4	\$ 9.94	\$ 40	4	\$ 40
	LED 50W BARN	-	\$ 4.88	\$ -	-	\$ 4.90	\$ -	-	\$ -
	All kWh	-	\$0.03993	\$ -	-	\$0.04067	\$ -	-	\$ -
Total Rate OL	Fixtures	26,068		\$ 304,848	17,532		\$ 197,777	43,600	\$ 502,625
	Demand								
	kWh	-			-			-	
				\$ 304,848			\$ 197,777		\$ 502,625

Total Retail							
Type	Source	January 1, 2021 - April 30, 2021		May 1, 2021 - June 30, 2021		2021 Total	
		Units	Revenue	Units	Revenue	Units	Revenue
Total Retail	Customer/Meter	173,771	\$3,011,788.74	86,810	\$ 1,517,280	260,581	\$ 4,529,069
	Fixtures	26,068	\$ 304,848	17,532	\$ 197,777	43,600	\$ 502,625
	Demand	457,511	\$ 4,153,242	244,660	\$ 2,192,447	702,171	\$ 6,345,689
	kWh	298,142,394	\$ 8,067,738	145,557,110	\$ 3,460,502	443,699,504	\$11,528,240
			\$ 15,537,617		\$ 7,368,007		\$22,905,624

Lost Base Revenue							
Summary of Data Included in the Calculation of the Average Distribution Rates							
Type	Source	January 1, 2021 - April 30, 2021		May 1, 2021 - June 30, 2021		2021 Total	
		Units	Revenue	Units	Revenue	Units	Revenue
Total Rate D	Demand kWh	-	\$ -	-	\$ -	-	\$ -
		96,467,679	<u>\$ 5,504,839</u>	39,447,598	<u>\$ 2,287,267</u>	135,915,277	<u>\$ 7,792,106</u>
			\$ 5,504,839		\$ 2,287,267		\$ 7,792,106
Total Rate D-10	Demand kWh	-	\$ -	-	\$ -	-	\$ -
		2,466,907	<u>\$ 102,415</u>	704,344	<u>\$ 33,521</u>	3,171,251	<u>\$ 135,936</u>
			\$ 102,415		\$ 33,521		\$ 135,936
Total Rate G-1	Demand kWh	293,661	\$ 2,660,569	158,070	\$ 1,438,437	451,731	\$ 4,099,006
		112,893,295	<u>\$ 424,250</u>	65,622,640	<u>\$ 264,688</u>	178,515,935	<u>\$ 688,939</u>
			\$ 3,084,819		\$ 1,703,125		\$ 4,787,944
Total Rate G-2	Demand kWh	163,850	\$ 1,492,674	86,590	\$ 792,299	250,440	\$ 2,284,972
		48,550,460	<u>\$ 115,295</u>	24,347,893	<u>\$ 71,693</u>	72,898,353	<u>\$ 186,987</u>
			\$ 1,607,968		\$ 863,991		\$ 2,471,959
Total Rate G-3	Demand kWh	-	\$ -	-	\$ -	-	\$ -
		30,521,195	<u>\$ 1,584,050</u>	13,568,301	<u>\$ 714,914</u>	44,089,496	<u>\$ 2,298,964</u>
			\$ 1,584,050		\$ 714,914		\$ 2,298,964
Total Rate T	Demand kWh	-	\$ -	-	\$ -	-	\$ -
		7,115,111	<u>\$ 330,070</u>	1,821,872	<u>\$ 86,011</u>	8,936,983	<u>\$ 416,081</u>
			\$ 330,070		\$ 86,011		\$ 416,081
Total Rate V	Demand kWh	-	\$ -	-	\$ -	-	\$ -
		127,747	<u>\$ 6,819</u>	44,462	<u>\$ 2,409</u>	172,209	<u>\$ 9,228</u>
			\$ 6,819		\$ 2,409		\$ 9,228
Total	Demand kWh	457,511	\$ 4,153,242	39,692,258	\$ 2,230,736	702,171	\$ 6,383,978
		267,621,199	<u>\$ 6,483,688</u>	131,988,809	<u>\$ 2,745,588</u>	399,610,008	<u>\$ 9,229,277</u>
			\$ 10,636,930		\$ 4,976,324		\$ 15,613,254

**Liberty Utilities (Granite State Electric) Corp. d/b/a Liberty
Typical Residential Customer
Retail Rate Filing Bill Comparison**

1 Usage	650 kWh				
			44682	44682	
2		Current Rates	Proposed Rates	Current Bill	Proposed Bill
3 Customer Charge		\$14.74	\$14.74	\$14.74	\$14.74
4 Distribution Charge					
5 Base		\$0.06038	\$0.06038	\$39.25	\$39.25
6 VMP		\$0.00064	\$0.00064	\$0.42	\$0.42
7 Storm Recovery Adjustment		\$0.00000	\$0.00000	\$0.00	\$0.00
8 Transmission Charge		\$0.03703	\$0.03649	\$24.07	\$23.62
9 Stranded Cost Charge		(\$0.00080)	(\$0.00051)	(\$0.52)	(\$0.33)
10 System Benefits Charge		\$0.00678	\$0.00678	\$4.41	\$4.41
11 Electricity Consumption Tax		\$0.00000	\$0.00000	\$0.00	\$0.00
12 Subtotal Retail Delivery Services		\$0.10403	\$0.10363	\$82.36	\$82.10
13 Default Service Charge		\$0.11119	\$0.11119	\$72.27	\$72.27
14 Total Bill				\$154.63	\$154.38
15 Monthly \$ decrease in 650 kWh Total Residential Bill				(\$0.26)	
16 Monthly % decrease in 650 kWh Total Residential Bill				-0.17%	