

**STATE OF NEW HAMPSHIRE
BEFORE THE
PUBLIC UTILITIES COMMISSION**

Docket No. DE 22-018

Liberty Utilities (Granite State Electric) Corp. d/b/a Liberty
Annual Retail Rates

Net Metering Lost Revenue Adjustment Mechanism

TECHNICAL STATEMENT OF

HEATHER M. TEBBETTS

AND

ADAM HALL

April 14, 2022



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1 **I. Purpose of Technical Statement**

2 On March 22, 2022, Liberty Utilities (Granite State Electric) Corp. (“Liberty” or “the
3 Company”) filed its request to change rates to its Annual Retail Rates. In that filing, the
4 Company noted it could not include the net metering Lost Revenue Adjustment
5 Mechanism (“LRAM”) rate as it was waiting for the Department of Energy (“DOE”) to
6 provide the avoided cost rate for 2021. Upon further review, the Company has
7 determined that the avoided cost rate is not utilized in the calculation of lost revenue.
8 Order No. 26,029 (June 23, 2017) established a uniform mechanism for the utilities to
9 recover lost revenue attributable to customer net metering, pursuant to the mechanism
10 and process approved for Unitil by Order No. 25, 991 (February 21, 2017) in Docket No.
11 DE 15-147. Consistent with the Orders previously mentioned, the Company calculated
12 the lost revenue according to the mechanism established.

13 This technical statement provides the calculation of lost revenues for the period of
14 January 1, 2021, through June 30, 2021. Since the Company’s decoupling mechanism
15 took effect on July 1, 2021, and since the decoupling mechanism takes the place of
16 LRAM, the LRAM was no longer in effect as of July 1, 2021.

17 **II. Net Metering LRAM**

18 As described in the March 22, 2022, testimony filed in this docket, the net metering
19 LRAM is included in the transmission charge annual reconciliation. The Company will
20 no longer be collecting net metering lost revenues once the revenues are collected for the
21 period of January 1, 2021, through June 30, 2021.

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1 As provided in Attachment HMT/AMH-6, the Company calculated the lost revenues for
2 the January 1, 2021, through June 30, 2021, period to be \$130,717. The total sales for the
3 forecasted period of May 1, 2022, through April 30, 2023, are 917,255,198 kWh. The
4 total lost revenues divided by the forecasted sales calculates a rate of \$0.00014 per kWh
5 to be collected from customers for the period of May 1, 2022, through April 30, 2023.

6 To arrive at the lost revenues to be collected for the period, the Company calculated the
7 lost distribution revenues using an average distribution rate as shown in Attachment
8 HMT/AMH-6, page 4. The average distribution rate was calculated by summing the total
9 kWh charges for the period and dividing by the total kWh for the period, as shown on
10 Attachment HMT/AMH-6, pages 5 through 7.

11 To determine the total lost revenues, the Company utilized PV Watts from the National
12 Renewable Energy Laboratory ("NREL"). Using the amount of kW installed in each
13 town from the Company's records, PV Watts calculates the value of the generation based
14 on that installed kW and the rate input into the website. For commercial installations
15 taking service under rates G-1, G-2, and V, the Company used \$0.01786 per kWh for an
16 average distribution rate. For residential installations taking service under rates D, D-10,
17 and T, the Company used \$0.05733 for an average distribution rate. These rates and their
18 derivation can be found in Attachment HMT/AMH-6 on page 4.

19 **III. Bill Impacts**

20 The bill impact to a customer using 650 kWh per month taking default service is a
21 decrease of (\$0.26) per kWh, or (0.17%) as compared to rates in effect today. The

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1 change incorporates the proposed transmission and stranded cost changes filed in this
2 docket on March 22, 2022.

3 **IV. Conclusion**

4 The Company asks that the Commission approve the tariff language submitted in
5 Attachment 7 in conjunction with the Company's request for May 1, 2022, rates in this
6 docket.

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

		Stranded Cost	Stranded Cost	Net Stranded	Transmission	Transmission	RGGI	Property Tax	Net Metering	Net Transmission
	Rate Class	Charge	Adjustment	Cost Charge	Charge	Service Cost	Auction	Adjustment	LRAM	Charge
		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)
		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	68.80	\$833	27.25	\$1,059
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								
<u>Rate Class</u>	<u>Demand Charges^(a)</u>	<u>Revenue kWh Charges</u>	<u>Total Demand and kWh Charges</u>	<u>Delivery kW</u>	<u>Delivery kWh</u>	<u>Average Distribution Rate \$/kW</u>	<u>Average Distribution Rate \$/kWh</u>	<u>Average Distribution Rate \$/kWh</u>
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

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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	\$ 1,485
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	\$ 458
	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	\$ 5,504,839	39,447,598	\$ 2,287,267	135,915,277	\$ 7,792,106
			\$ 5,504,839		\$ 2,287,267		\$ 7,792,106
Total Rate D-10	Demand kWh	-	\$ -	-	\$ -	-	\$ -
		2,466,907	\$ 102,415	704,344	\$ 33,521	3,171,251	\$ 135,936
			\$ 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	\$ 424,250	65,622,640	\$ 264,688	178,515,935	\$ 688,939
			\$ 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	\$ 115,295	24,347,893	\$ 71,693	72,898,353	\$ 186,987
			\$ 1,607,968		\$ 863,991		\$ 2,471,959
Total Rate G-3	Demand kWh	-	\$ -	-	\$ -	-	\$ -
		30,521,195	\$ 1,584,050	13,568,301	\$ 714,914	44,089,496	\$ 2,298,964
			\$ 1,584,050		\$ 714,914		\$ 2,298,964
Total Rate T	Demand kWh	-	\$ -	-	\$ -	-	\$ -
		7,115,111	\$ 330,070	1,821,872	\$ 86,011	8,936,983	\$ 416,081
			\$ 330,070		\$ 86,011		\$ 416,081
Total Rate V	Demand kWh	-	\$ -	-	\$ -	-	\$ -
		127,747	\$ 6,819	44,462	\$ 2,409	172,209	\$ 9,228
			\$ 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	\$ 6,483,688	131,988,809	\$ 2,745,588	399,610,008	\$ 9,229,277
			\$ 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	
		Current	Proposed	Current	Proposed
2		Rates	Rates	Bill	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%	

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LIBERTY UTILITIES

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Purchases from Qualifying Facilities

xi. Grandfathering Provisions

Subsequent sales or other transfers of ownership of a net-metered system or the property upon which the system is located shall be allowed to continue to take service under the same terms and conditions in effect at the time of such sale until 2040, in accordance with RSA 362-A:9,XV and Order No. 25,972, provided that the system is not moved to a different location by the purchaser, transferee, or otherwise.

Small customer-generators may expand their systems by an amount equal to the greater of either 20 kW or 50 percent of existing capacity, provided that in neither case can any such expansion have the effect of changing the system's eligibility from a small to a large customer-generator with capacity in excess of 100 kW.

Large customer-generators may expand their systems by an amount equal to or greater than (1) a system capacity increase of 50 kW, regardless of any on-site load changes, or (2) 110 percent of the customer-generator's annual load, as clearly demonstrated through the customer-generator's documentation of any consecutive 12-months within the previous two years.

In neither case can any such expansion have the effect of changing the system's eligibility from a large customer-generator to an ineligible system with capacity in excess of one megawatt. Expansion of a net-metered system by or for a commercial or industrial customer-generator smaller than the applicable limitation will continue to be grandfathered, while any such expansion in excess of the applicable limitation will result in the entire net-metered system losing its net metering grandfathered status.

Any system modifications must be reported to the Company within 30 days of modification.

Such notification shall be sent to:

Director of Engineering
Distribution Engineering Department
Liberty Utilities (Granite State Electric) Corp. d/b/a Liberty Utilities
9 Lowell Road
Salem, NH 03079

xii. Lost Revenue Adjustment Mechanism (LRAM)

Order No. 26,029 (June 23, 2017) established a uniform mechanism for the utilities to recover lost revenue attributable to customer net metering, pursuant to the mechanism and process approved for Unitil by Order No. 25, 991 (February 21, 2017) in Docket No. DE 15-147. Consistent with the Orders previously mentioned, the Company includes in the Transmission Charge the lost revenue according to the mechanism established.

Issued: ~~July 1, 2020~~ XX XX, 2022

Issued by: /s/ Susan L. Fleck ~~Neil Proudman~~
Neil Proudman ~~Susan L. Fleck~~

Effective: ~~July 1, 2020~~ May 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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Issued: XX XX, 2022

Issued by: /s/ Neil Proudman
Neil Proudman
Title: President

Effective: May 1, 2022