

Liberty Utilities (Granite State Electric) Corp. d/b/a Liberty
Distribution Rate Adjustment for 2021 Step Adjustment
Effective June 1, 2023
Annual Revenue Requirement Calculation

Docket No. DE 22-035
Attachment HMT-1
Page 1 of 5

Line No.	Distribution Revenues	(a)	(b)	(c)	(d)	(e)	(f)	(g)
		Effective July 1, 2020	Effective July 1, 2021	Effective November 1, 2021	Effective August 1, 2022	Effective March 1, 2023	Effective June 1, 2023	Effective August 1, 2023
1	Base	\$ 43,710,962	\$ 46,437,733	\$ 48,300,840	\$ 48,394,904	\$ 47,432,820	\$ 46,052,621	\$ 47,347,006
2	Step	\$ 1,321,451	\$ 1,534,738	\$ 94,064	\$ 1,751,403	\$ (1,380,199)	\$ -	\$ 805,116
3	Reliability Enhancement Program	\$ 210,503	\$ 213,246	\$ -	\$ -	\$ -	\$ -	\$ -
4	Recoupment	\$ 917,996	\$ 103,688	\$ -	\$ (1,939,679)	\$ -	\$ 917,996	\$ -
5	Rate Case Expense	\$ 276,821	\$ 11,435	\$ -	\$ (565,077)	\$ -	\$ 276,821	\$ -
6	July 2022 recoupment over collected	\$ -	\$ -	\$ -	\$ (161,640)	\$ -	\$ 76,500	\$ -
7	July 2022 rate case expenses over collected	\$ -	\$ -	\$ -	\$ (47,090)	\$ -	\$ 23,068	\$ -
8	Additional Forecasted Revenue/Rounding	\$ -	\$ -	\$ -	\$ (1)	\$ -	\$ -	\$ -
9	Total	\$ 46,437,733	\$ 48,300,840	\$ 48,394,904	\$ 47,432,820	\$ 46,052,621	\$ 47,347,006	\$ 48,152,122
10	Annual % Change in Rates		4.01%	0.19%	-1.99%	-2.91%	2.81%	1.70%

References:

Line	(a)	(b)	(c)	(d)	(e)	(f)	(g)
1	Bates 034 DE 19-064 Settlement Agreement filed May 26, 2020	Prior year total	Prior year total	Prior year total	Prior year total	Prior year total	Prior year total
2	Approved in Docket No. DE 19-064 Order No. 26,377	Approved in Docket No. DE 19-064 Order No. 26,494	Approved in Docket No. DE 19-064 Order No. 26,537	Approved in Docket No. DE 22-035 Order No. 26,661	Approved in Docket No. DE 22-035 Order Nos. 26,780 and 26,781 (\$575,083 reduction, rates implemented over a 5 month period, annualized becomes \$1,380,199 reduction)	N/A	Approved in Docket No. DE 22-035 Order Nos. 26,780 and 26,781 (\$575,083 reduction, rates implemented over a 5 month period, normalized back to an annual level)
3	Approved in Docket No. DE 20-036 Order No. 26,352	Approved in Docket No. DE 21-049 Order No. 26,478	N/A	N/A	N/A	N/A	N/A
4	DE 19-064 Settlement Agreement 5/26/2020, Bates 032 and 061 - Annual recoupment amount of \$1,835,991 to be recovered over a 24-month period (July 1, 2020 through June 30, 2020)	Approved in Docket No. DE 19-064 Order No. 26,494	N/A	Approved in Docket No. DE 22-035 Order No. 26,661. Recoupment amount of \$1,835,991 per 5/26/20 Settlement Agreement, Bates page 032 and \$103,688 per 4/1/21 Step Adjustment filing Bates page 031	N/A	Line 4 Col. A	N/A
5	DE 19-064 Settlement Agreement 5/26/2020, Bates 007 and 061 - Annual estimated rate case expense \$553,642 to be recovered over a 24-month period (July 1, 2020 through June 30, 2022)	Approved in Docket No. DE 19-064 Order No. 26,494	N/A	Approved in Docket No. DE 22-035 Order No. 26,661. Rate case expense of \$553,642 per 5/26/20 Settlement Agreement, Bates pages 032 and \$11,435	N/A	Line 5 Col. A	N/A
6	July 2022 recoupment over collected	N/A	N/A	Approved in Docket No. DE 22-035 Order No. 26,661. 1/12 of annual recoupment over collected in July 2022 due to delay in approval of step adjustment	N/A	1/12 of annual recoupment (Col. a and Col. b) over collected in July 2022 due to delay in approval of step adjustment	N/A
7	July 2022 rate case expenses over collected	N/A	N/A	Approved in Docket No. DE 22-035 Order No. 26,661. 1/12 of annual rate case expenses over collected in July 2022 due to delay in approval of step adjustment	N/A	1/12 of annual rate case expenses (Col. a + Col. b) over collected in July 2022 due to delay in approval of step adjustment	N/A
8	Additional Forecasted Revenue/Rounding	N/A for 2020	N/A for 2021	N/A	N/A	N/A	N/A
9	Total	Sum of lines 1 through 8	Sum of lines 1 through 8	Sum of lines 1 through 8	Sum of lines 1 through 8	Sum of lines 1 through 8	Sum of lines 1 through 8

**Liberty Utilities (Granite State Electric) Corp. d/b/a Liberty
Distribution Rate Adjustment for 2021 Step Adjustment
Effective June 1, 2023
Revenue Requirement Calculation**

1 Annual Refund Effective August 1, 2022	(\$962,083)	Approved Order No. 26,661
2 Monthly Refund Effective August 1, 2022	(\$80,174)	Line 1 / 12
3 Annual Revenue Requirement Effective August 1, 2022	<u>\$47,432,820</u>	
4 Refund Effective March 1, 2023-July 31, 2023	(\$575,083)	Approved Order No. 26,780
5 Incremental Monthly Refund Effective March 1, 2023	(\$115,017)	Line 4 / 5
6 Annual Revenue Requirement Effective March 1, 2023	<u>\$46,052,622</u>	Line 3 + (Line 5 * 12)
7 Annual Recovery Effective June 1, 2023	\$1,294,385	HMT-1 Pg 1, Col (f), Sum of lines 4 - 7
8 Incremental Monthly Recovery Effective June 1, 2023	\$107,865	Line 7 / 12
9 Annual Revenue Requirement Effective June 1, 2023	<u>\$47,347,006</u>	Line 6 + Line 7
10 Annual Recovery Effective August 1, 2023	\$805,116	HMT-1 Pg 1, Col (g), line 2
11 Incremental Monthly Recovery Effective August 1, 2023	\$67,093	Line 10 / 12
12 Annual Revenue Requirement Effective August 1, 2023	<u>\$48,152,122</u>	Line 9 + Line 10

illustrative Combined Annualized Refund Effective June 1, 2023

	(a)	(b)	(c)	(d)	(e)	(f)
	August 1,	March 1,		June 1,	August 1,	
Month	2022 Refund	2023 Refund		2023 Collection	2023 Collection	Rev Req
Aug-22	(\$80,174)					\$48,314,730
Sep-22	(\$80,174)					\$48,234,557
Oct-22	(\$80,174)					\$48,154,383
Nov-22	(\$80,174)					\$48,074,209
Dec-22	(\$80,174)					\$47,994,036
Jan-23	(\$80,174)					\$47,913,862
Feb-23	(\$80,174)					\$47,833,689
Mar-23	(\$80,174)	(\$115,017)				\$47,638,499
Apr-23	(\$80,174)	(\$115,017)				\$47,443,309
May-23	(\$80,174)	(\$115,017)				\$47,248,119
Jun-23	(\$80,174)	(\$115,017)	\$107,865			\$47,160,794
Jul-23	(\$80,174)	(\$115,017)	\$107,865			\$47,073,469
Aug-23		(\$115,017)	\$107,865		\$67,093	\$47,133,411
Sep-23		(\$115,017)	\$107,865		\$67,093	\$47,193,353
Oct-23		(\$115,017)	\$107,865		\$67,093	\$47,253,294
Nov-23		(\$115,017)	\$107,865		\$67,093	\$47,313,236
Dec-23		(\$115,017)	\$107,865		\$67,093	\$47,373,178
Jan-24		(\$115,017)	\$107,865		\$67,093	\$47,433,120
Feb-24		(\$115,017)	\$107,865		\$67,093	\$47,493,062
Mar-24			\$107,865		\$67,093	\$47,668,020
Apr-24			\$107,865		\$67,093	\$47,842,978
May-24			\$107,865		\$67,093	\$48,017,937
Jun-24					\$67,093	\$48,085,030
Jul-24					\$67,093	\$48,152,123
Total	(\$962,083)	(\$1,380,199)	\$1,294,385		\$805,116	

Liberty Utilities (Granite State Electric) Corp. d/b/a Liberty Utilities
Permanent Rate Design 2021 Step Adjustment
Rates Effective June 1, 2023

<u>Rate Class</u>	<u>Distribution Rate Component</u>	<u>Current Rates</u> (a)	<u>2021 Capital Expenditures Step Adjustment % Increase/ % (Decrease)</u> (b)	<u>Proposed June 1, 2023 Base Distribution Charges</u> (c)	<u>Current REP/VMP Adjustment Factor</u> (d)	<u>Current RDAF</u> (e)	<u>June 1, 2023 Rates</u> (f)
D	Customer Charge	\$14.74	0.00%	\$14.74			\$14.74
	All kWh	\$0.05627	3.94%	\$0.05848	0.00001	0.00281	\$0.06130
	16 Hour Off Peak kWh	\$0.04858	3.94%	\$0.05049	0.00001	0.00281	\$0.05331
	Farm kWh	\$0.05311	3.94%	\$0.05520	0.00001	0.00281	\$0.05802
	D-6 kWh	\$0.04949	3.94%	\$0.05143	0.00001	0.00281	\$0.05425
D-10	Customer Charge	\$14.74	0.00%	\$14.74			\$14.74
	On Peak kWh	\$0.11990	3.69%	\$0.12432	0.00001	0.0018	\$0.12613
	Off Peak kWh	\$0.00160	3.69%	\$0.00165	0.00001	0.0018	\$0.00346
D-11	Customer Charge	\$14.74		\$14.74			\$14.74
	Off Peak	\$0.03878		\$0.03878	0.00001		\$0.03879
	Mid Peak	\$0.05813		\$0.05813	0.00001		\$0.05814
	Critical Peak	\$0.08277		\$0.08277	0.00001		\$0.08278
EV	Customer Charge	\$11.35		\$11.35			\$11.35
	Off Peak	\$0.03878		\$0.03878	0.00001		\$0.03879
	Mid Peak	\$0.05813		\$0.05813	0.00001		\$0.05814
	Critical Peak	\$0.08277		\$0.08277	0.00001		\$0.08278
EV-L	Customer Charge	\$422.91		\$434.81			\$434.81
	Demand	\$4.48		\$4.61			\$4.61
	Off Peak	\$0.02462		\$0.02462	0.00001		\$0.02463
	Mid Peak	\$0.02647		\$0.02647	0.00001		\$0.02648
	Critical Peak	\$0.03081		\$0.03081	0.00001		\$0.03082
EV-M	Customer Charge	\$70.47		\$72.45			\$72.45
	Demand	\$4.50		\$4.63			\$4.63
	Off Peak	\$0.03830		\$0.03830	0.00001		\$0.03831
	Mid Peak	\$0.03960		\$0.03960	0.00001		\$0.03961
	Critical Peak	\$0.04532		\$0.04532	0.00001		\$0.04533
G-1	Customer Charge	\$422.91	2.81%	\$434.81			\$434.81
	Demand Charge	\$8.96	2.81%	\$9.21			\$9.21
	On Peak kWh	\$0.00573	2.81%	\$0.00589	0.00001	0.00104	\$0.00694
	Off Peak kWh	\$0.00169	2.81%	\$0.00173	0.00001	0.00104	\$0.00278
	Credit for High Voltage Delivery >	(\$0.48)	2.81%	(\$0.49)			(\$0.49)
G-2	Customer Charge	\$70.47	2.81%	\$72.45			\$72.45
	Demand Charge	\$9.00	2.81%	\$9.25			\$9.25
	All kWh	\$0.00226	2.81%	\$0.00232	0.00001	0.00151	\$0.00384
	Credit for High Voltage Delivery >	(\$0.48)	2.81%	(\$0.49)			(\$0.49)
G-3	Customer Charge	\$16.19	2.81%	\$16.64			\$16.64
	All kWh	\$0.05133	2.81%	\$0.05277	0.00001	0.00253	\$0.05531

<u>Rate Class</u>	<u>Distribution Rate Component</u>	Current <u>Rates</u> (a)	2021 Capital Expenditures Step Adjustment <u>% Increase/ % (Decrease)</u> (b)	Proposed June 1, 2023 Base <u>Distribution Charges</u> (c)	REP/VMP Adjustment <u>Factor</u> (d)	Current <u>RDAF</u> (e)	June 1, 2023 <u>Rates</u> (f)
M	<u>Luminaire Charge</u>						
	<u>Description</u>						
	HPS 4,000	\$8.28	2.81%	\$8.51			\$8.51
	HPS 9,600	\$9.58	2.81%	\$9.84			\$9.84
	HPS 27,500	\$15.90	2.81%	\$16.34			\$16.34
	HPS 50,000	\$19.78	2.81%	\$20.33			\$20.33
	HPS 9,600 (Post Top)	\$11.24	2.81%	\$11.55			\$11.55
	HPS 27,500 Flood	\$16.07	2.81%	\$16.52			\$16.52
	HPS 50,000 Flood	\$21.46	2.81%	\$22.06			\$22.06
	Incandescent 1,000	\$10.64	2.81%	\$10.93			\$10.93
	Mercury Vapor 4,000	\$7.35	2.81%	\$7.55			\$7.55
	Mercury Vapor 8,000	\$8.26	2.81%	\$8.49			\$8.49
	Mercury Vapor 22,000	\$14.77	2.81%	\$15.18			\$15.18
	Mercury Vapor 63,000	\$24.96	2.81%	\$25.66			\$25.66
	Mercury Vapor 22,000 Flood	\$16.89	2.81%	\$17.36			\$17.36
	Mercury Vapor 63,000 Flood	\$32.74	2.81%	\$33.66			\$33.66
LED-1	<u>LED-1 Fixtures</u>						
	30 Watt Pole Top	\$5.37	2.81%	\$5.52			\$5.52
	50 Watt Pole Top	\$5.60	2.81%	\$5.75			\$5.75
	130 Watt Pole Top	\$8.64	2.81%	\$8.88			\$8.88
	190 Watt Pole Top	\$16.57	2.81%	\$17.03			\$17.03
	30 Watt URD	\$12.52	2.81%	\$12.87			\$12.87
	90 Watt Flood	\$8.51	2.81%	\$8.74			\$8.74
	130 Watt Flood	\$9.79	2.81%	\$10.06			\$10.06
	30 Watt Caretaker	\$4.82	2.81%	\$4.95			\$4.95
	<u>Rates M, LED-1 & LED-2 Pole Accessory Charge</u>						
	Pole -Wood	\$9.39	2.81%	\$9.65			\$9.65
	Fiberglass - Direct Embedded	\$9.78	2.81%	\$10.05			\$10.05
	Fiberglass w/Foundation <25 ft	\$16.50	2.81%	\$16.96			\$16.96
	Fiberglass w/Foundation >=25 ft	\$27.59	2.81%	\$28.37			\$28.37
	Metal Poles - Direct Embedded	\$19.67	2.81%	\$20.22			\$20.22
	Metal Poles with Foundation	\$23.73	2.81%	\$24.40			\$24.40
	<u>Rate M, LED-1, LED-2</u>						
	All kWh	\$0.03948	2.81%	\$0.04059	0.00001		\$0.04060
T	<u>Customer Charge</u>						
	All kWh	\$14.74	0.00%	\$14.74			\$14.74
	All kWh	\$0.04577	3.50%	\$0.04737	0.00001	0.00285	\$0.05023
V	<u>Minimum Charge</u>						
	All kWh	\$16.19	2.81%	\$16.64			\$16.64
	All kWh	\$0.05279	2.81%	\$0.05427	0.00001	0.00291	\$0.05719

Rates D-11 & EV are calculated through the TOU model approved in Docket DE 17-189.

Rates EV-L & EV-M are calculated through the TOU model approved in Docket DE 20-170.

Liberty Utilities (Granite State Electric) Corp. d/b/a Liberty
Bill Calculation June 1, 2023, Rates Compared to Current Rates in Effect

Usage	650	kWh	Current Rates	June 1, 2023 Proposed Rates	Current Bill	June 1, 2023 Proposed Bill
Customer Charge			\$14.74	\$14.74	\$14.74	\$14.74
Distribution Charge						
All kWh			\$0.05628	\$0.06130	\$36.58	\$39.85
Storm Recovery Adjustment			(\$0.00202)	-\$0.00202	(\$1.31)	(\$1.31)
Transmission Charge			\$0.03635	\$0.03635	\$23.63	\$23.63
Stranded Cost Charge			(\$0.00051)	(\$0.00051)	(\$0.33)	(\$0.33)
System Benefits Charge			\$0.00700	\$0.00700	\$4.55	\$4.55
Electricity Consumption Tax			\$0.00000	\$0.00000	<u>\$0.00</u>	<u>\$0.00</u>
Subtotal Retail Delivery Services					\$77.86	\$81.12
Energy Service Charge			\$0.22007	\$0.22007	<u>\$143.05</u>	<u>\$143.05</u>
				Total Bill	\$220.90	\$224.16
						\$3.26
						1.48%

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

Decoupling Year	(a)	(b)	(c.)	(d)	(e)
Distribution Revenues	Effective July 1, 2022 (same as November 1, 2021)	Effective August 1, 2022	Effective March 1, 2023	Effective June 1, 2023	Effective August 1, 2023
1 Base	\$ 48,300,840	\$ 48,394,904	\$ 47,432,820	\$ 46,052,621	\$ 47,347,005
2 Step	\$ 94,064	\$ 1,751,403	\$ (1,380,199)	\$ -	\$ 805,116
3 Reliability Enhancement Program	\$ -	\$ -	\$ -	\$ -	\$ -
4 Recoupment	\$ -	\$ (1,939,679)	\$ -	\$ 917,996	\$ -
5 Rate Case Expense	\$ -	\$ (565,077)	\$ -	\$ 276,821	\$ -
6 July 2022 recoupment over collected	\$ -	\$ (161,640)	\$ -	\$ 76,500	\$ -
7 July 2022 rate case expenses over collected	\$ -	\$ (47,090)	\$ -	\$ 23,068	\$ -
8 Additional Forecasted Revenue/Rounding	\$ -	\$ (1)	\$ -	\$ -	\$ -
9 Total	\$ 48,394,904	\$ 47,432,820	\$ 46,052,621	\$ 47,347,005	\$ 48,152,121

Less: Street Lighting Distribution Revenues	Effective July 1, 2022 (same as November 1, 2021)	Effective August 1, 2022	Effective March 1, 2023	Effective June 1, 2023	Effective August 1, 2023
10 Base	\$ 1,193,596	\$ 1,195,835	\$ 1,172,926	\$ 1,140,539	\$ 1,171,949
11 Step	\$ 2,239	\$ (22,909)	\$ (32,387)	\$ 31,410	TBD
12 Reliability Enhancement Program	\$ -	included in line 11	\$ -	\$ -	\$ -
13 Recoupment	\$ -	included in line 11	\$ -	\$ -	\$ -
14 Rate Case Expense	\$ -	included in line 11	\$ -	\$ -	\$ -
15 July 2022 recoupment over collected	\$ -	included in line 11	\$ -	\$ -	\$ -
16 July 2022 rate case expenses over collected	\$ -	included in line 11	\$ -	\$ -	\$ -
17 Additional Forecasted Revenue/Rounding	\$ -	included in line 11	\$ -	\$ -	\$ -
18 Total	\$ 1,195,835	\$ 1,172,926	\$ 1,140,539	\$ 1,171,949	\$ 1,171,949

Distribution Revenues Subject To Decoupling	Effective July 1, 2022 (same as November 1, 2021)	Effective August 1, 2022	Effective March 1, 2023	Effective June 1, 2023	Effective August 1, 2023
19 Base	\$ 47,107,244	\$ 47,199,069	\$ 46,259,894	\$ 44,912,082	\$ 46,175,056
20 Step	\$ 91,825	\$ 1,774,312	\$ (1,347,812)	\$ (31,410)	\$ #VALUE!
21 Reliability Enhancement Program	\$ -	\$ -	\$ -	\$ -	\$ -
22 Recoupment	\$ -	\$ (1,939,679)	\$ -	\$ 917,996	\$ -
23 Rate Case Expense	\$ -	\$ (565,077)	\$ -	\$ 276,821	\$ -
24 July 2022 recoupment over collected	\$ -	\$ (161,640)	\$ -	\$ 76,500	\$ -
25 July 2022 rate case expenses over collected	\$ -	\$ (47,090)	\$ -	\$ 23,068	\$ -
26 Additional Forecasted Revenue/Rounding	\$ -	\$ (1)	\$ -	\$ -	\$ -
27 Total	\$ 47,199,069	\$ 46,259,894	\$ 44,912,082	\$ 46,175,056	\$ #VALUE!

Line	(a)	(b)	(c)	(d)	(e)
1	Prior year total	Prior year total	Prior year total	Prior year total	Prior year total
2	N/A	Approved in Docket No. DE 22-035 Order No. 26,661	Approved in Docket No. DE 22-035 Order Nos. 26,780 and 26,781 - \$575,083 annual revenue requirement reduction. Rates were designed to be refund the annual revenue requirement over a 5 month period resulting in a refund on an annual level of \$1,380,199. (Rate design refunded at \$575,083 / 5 = \$115,017/mo or \$51,380,199/yr). Need to increase revenues at the end of the 5 month period to normalize back to an annual revenue requirement level.	N/A	Approved in Docket No. DE 22-035 Order Nos. 26,780 and 26,781 (\$575,083 reduction, rates implemented over a 5 month period, normalized back to an annual level)
3	N/A	N/A	N/A	N/A	N/A
4	N/A	Approved in Docket No. DE 22-035 Order No. 26,661. Recoupment amount of \$1,835,991 per 5/26/20 Settlement Agreement, Bates page 032 and \$103,688 per 4/1/21 Step Adjustment Filing Bates page 031	N/A	Line 4 Col. A	N/A
5	N/A	Approved in Docket No. DE 22-035 Order No. 26,661. Rate case expense of \$553,642 per 5/26/20 Settlement Agreement, Bates pages 032 and \$11,435	N/A	Line 5 Col. A	N/A
6	N/A	Approved in Docket No. DE 22-035 Order No. 26,661. 1/12 of annual recoupment over collected in July 2022 due to delay in approval of step adjustment	N/A	1/12 of annual recoupment (Col. a and Col. b) over collected in July 2022 due to delay in approval of step adjustment	N/A
7	N/A	Approved in Docket No. DE 22-035 Order No. 26,661. 1/12 of annual rate case expenses over collected in July 2022 due to delay in approval of step adjustment	N/A	1/12 of annual rate case expenses (Col. a + Col. b) over collected in July 2022 due to delay in approval of step adjustment	N/A
8	N/A	N/A	N/A	N/A	N/A
9	Sum of lines 1 through 8	Sum of lines 1 through 8	Sum of lines 1 through 8	Sum of lines 1 through 8	Sum of lines 1 through 8
10	Prior year total	Prior year total	Prior year total	Prior year total	Prior year total
11	Allocated in Rate Calculation	Allocated in Rate Calculation	Allocated in Rate Calculation	Allocated in Rate Calculation	Allocated in Rate Calculation
12	Allocated in Rate Calculation	Allocated in Rate Calculation	Allocated in Rate Calculation	Allocated in Rate Calculation	Allocated in Rate Calculation
13	Allocated in Rate Calculation	Allocated in Rate Calculation	Allocated in Rate Calculation	Allocated in Rate Calculation	Allocated in Rate Calculation
14	Allocated in Rate Calculation	Allocated in Rate Calculation	Allocated in Rate Calculation	Allocated in Rate Calculation	Allocated in Rate Calculation
15					
16					
17	N/A for 2021	N/A for 2021	N/A for 2021	N/A for 2021	N/A for 2021
18	Sum of lines 8 through 12	Sum of lines 8 through 12	Sum of lines 8 through 12	Sum of lines 8 through 12	Sum of lines 8 through 12
19	Line 1 - Line 8	Line 1 - Line 8	Line 1 - Line 8	Line 1 - Line 8	Line 1 - Line 8
20	Line 2 - Line 9	Line 2 - Line 9	Line 2 - Line 9	Line 2 - Line 9	Line 2 - Line 9
21	Line 3 - Line 10	Line 3 - Line 10	Line 3 - Line 10	Line 3 - Line 10	Line 3 - Line 10
22	Line 4 - Line 11	Line 4 - Line 11	Line 4 - Line 11	Line 4 - Line 11	Line 4 - Line 11
23	Line 5 - Line 12	Line 5 - Line 12	Line 5 - Line 12	Line 5 - Line 12	Line 5 - Line 12
24					
25					
26	Line 6 - Line 13	Line 6 - Line 13	Line 6 - Line 13	Line 6 - Line 13	Line 6 - Line 13
27	Sum of lines 15 through 20	Sum of lines 15 through 20	Sum of lines 15 through 20	Sum of lines 15 through 20	Sum of lines 15 through 20

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

Line No.	Decoupling Year 2: Allowed Revenue Requirement 7/1/2022 - 7/31/2022	Domestic	Domestic - Opt. Peak	General TOU	General Long Hour	General Service	Limited All Electric	Ltd Comm Space Heating	Total
		DOD2	D10	G01	G02	G03	T00	V00	
		1	Distribution Revenue Requirement	\$22,937,523	\$343,920	\$10,968,041	\$6,028,344	\$5,891,966	
2	Step Increase	\$44,711	\$670	\$21,380	\$11,751	\$11,485	\$1,785	\$42	\$ 91,825
3	Reliability Enhancement Program	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$ -
5	Recoupment	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$ -
6	Rate Case expenses	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$ -
7	Additional Forecasted Revenue/Rounding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$ -
8	Total Target Revenues	\$22,982,235	\$344,590	\$10,989,421	\$6,040,095	\$5,903,452	\$917,491	\$21,785	\$47,199,069

Line No.	Decoupling Year 2: Allowed Revenue Requirement 8/1/2022 - 2/28/2023	Domestic	Domestic - Opt. Peak	General TOU	General Long Hour	General Service	Limited All Electric	Ltd Comm Space Heating	Total
		DOD2	D10	G01	G02	G03	T00	V00	
		9	Distribution Revenue Requirement	\$22,982,235	\$344,590	\$10,989,421	\$6,040,095	\$5,903,452	
10	Step Increase	\$863,950	\$12,954	\$413,115	\$227,060	\$221,923	\$34,490	\$819	\$ 1,774,312
11	Reliability Enhancement Program	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$ -
12	Recoupment	(\$1,023,177)	(\$15,341)	(\$489,253)	(\$268,907)	(\$262,824)	(\$40,847)	(\$970)	\$ (2,101,319)
13	Rate Case expenses	(\$298,077)	(\$4,469)	(\$142,532)	(\$78,339)	(\$76,567)	(\$11,900)	(\$283)	\$ (612,167)
14	Additional Forecasted Revenue/Rounding	(\$0)	(\$0)	(\$0)	(\$0)	(\$0)	(\$0)	(\$0)	\$ (1)
15	Total Target Revenues	\$22,524,930	\$337,733	\$10,770,752	\$5,919,908	\$5,785,984	\$899,235	\$21,352	\$46,259,894

Line No.	Decoupling Year 2: Allowed Revenue Requirement 3/1/2023 - 5/31/2023	Domestic	Domestic - Opt. Peak	General TOU	General Long Hour	General Service	Limited All Electric	Ltd Comm Space Heating	Total
		DOD2	D10	G01	G02	G03	T00	V00	
		16	Distribution Revenue Requirement	\$22,524,930	\$337,733	\$10,770,752	\$5,919,908	\$5,785,984	
17	Step Increase	(\$656,279)	(\$9,840)	(\$313,813)	(\$172,480)	(\$168,578)	(\$26,200)	(\$622)	\$ (1,347,812)
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	\$21,868,652	\$327,893	\$10,456,939	\$5,747,428	\$5,617,405	\$873,035	\$20,730	\$44,912,082

Line No.	Decoupling Year 2: Allowed Revenue Requirement 6/1/2023 - 6/30/2023	Domestic	Domestic - Opt. Peak	General TOU	General Long Hour	General Service	Limited All Electric	Ltd Comm Space Heating	Total
		DOD2	D10	G01	G02	G03	T00	V00	
		23	Distribution Revenue Requirement	\$21,868,652	\$327,893	\$10,456,939	\$5,747,428	\$5,617,405	
24	Step Increase	(\$15,294)	(\$229)	(\$7,313)	(\$4,020)	(\$3,929)	(\$611)	(\$14)	\$ (31,410)
25	Reliability Enhancement Program	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$ -
26	Recoupment	\$484,241	\$7,261	\$231,550	\$127,266	\$124,387	\$19,332	\$459	\$ 994,495
27	Rate Case expenses	\$146,023	\$2,189	\$69,824	\$38,377	\$37,509	\$5,829	\$138	\$ 299,889
28	Additional Forecasted Revenue/Rounding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$ -
22	Total Target Revenues	\$22,483,621	\$337,114	\$10,750,999	\$5,909,052	\$5,775,373	\$897,586	\$21,313	\$46,175,056

Line No.	Normalized Test Year Revenues (used to spread Annual Allowed Revenues Among the Classes)	D-05 & -06	D-10	G-1	G-2	G-3	T	V	Total
		23	Jul-18	\$1,694,413	\$22,074	\$841,222	\$447,540	\$419,271	
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%

Line No.	Normalized Test Year Revenue Allocator	D	D-10	G-1	G-2	G-3	T	V
		37	Jul-18	8.90%	7.73%	9.24%	8.94%	8.57%
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%

Liberty Utilities (Granite State Electric) Corp. d/b/a Liberty
Revenue Decoupling Adjustment Calculation: Year 2 (7/1/2022-6/30/2023)

Line No.	A	B	C	D	E	F	G	H	I	J	
	Decoupling Year 2: 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	
			DOD2	D10	G01	G02	G03	T00	V00		
	Bills	<i>(Test Year Equivalent Bills)</i>									
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										
15	7	Jul-22	\$2,045,352	\$26,645	\$1,015,451	\$540,232	\$506,108	\$58,752	\$1,910	\$4,194,451	
16	8	Aug-22	\$2,197,519	\$29,056	\$1,046,444	\$541,241	\$536,800	\$62,230	\$2,179	\$4,415,469	
17	9	Sep-22	\$1,985,430	\$27,332	\$989,332	\$501,610	\$494,871	\$55,141	\$1,491	\$4,055,206	
18	10	Oct-22	\$1,622,463	\$22,419	\$896,713	\$494,213	\$435,009	\$52,900	\$1,427	\$3,525,144	
19	11	Nov-22	\$1,658,261	\$24,353	\$836,655	\$465,092	\$424,691	\$68,032	\$1,329	\$3,478,413	
20	12	Dec-22	\$1,997,781	\$31,099	\$894,479	\$473,699	\$504,363	\$94,714	\$1,902	\$3,998,038	
21	1	Jan-23	\$2,237,329	\$36,837	\$842,104	\$477,907	\$533,692	\$121,468	\$2,374	\$4,251,710	
22	2	Feb-23	\$1,891,992	\$34,185	\$835,656	\$478,268	\$503,479	\$99,640	\$2,109	\$3,845,329	
23	3	Mar-23	\$1,746,318	\$29,643	\$795,958	\$473,056	\$468,249	\$88,482	\$1,818	\$3,603,524	
24	4	Apr-23	\$1,719,239	\$27,951	\$799,821	\$458,506	\$456,545	\$78,050	\$1,731	\$3,541,843	
25	5	May-23	\$1,552,558	\$23,216	\$827,333	\$478,833	\$425,933	\$59,456	\$1,448	\$3,368,777	
26	6	Jun-23	\$1,757,566	\$23,059	\$936,572	\$504,747	\$464,926	\$54,656	\$1,519	\$3,743,046	
27			\$22,411,806	\$335,796	10,716,519	5,887,405	5,754,665	893,521	21,237	46,020,949	
28	Monthly Target Revenue Per Customer (Monthly RPC)										
29	7	Jul-22	\$58.05	\$60.15	\$7,305.40	\$585.94	\$88.93	\$61.14	\$106.09		
30	8	Aug-22	\$59.18	\$65.89	\$7,317.79	\$574.57	\$90.95	\$60.18	\$114.68		
31	9	Sep-22	\$58.70	\$62.83	\$7,169.07	\$575.24	\$91.22	\$62.59	\$99.38		
32	10	Oct-22	\$45.64	\$50.95	\$6,359.67	\$545.49	\$76.59	\$55.34	\$83.92		
33	11	Nov-22	\$46.84	\$55.73	\$5,976.11	\$516.77	\$74.78	\$71.54	\$78.20		
34	12	Dec-22	\$56.03	\$70.84	\$6,168.82	\$525.17	\$88.42	\$99.70	\$111.89		
35	1	Jan-23	\$63.30	\$84.10	\$6,237.81	\$528.66	\$94.48	\$123.82	\$131.90		
36	2	Feb-23	\$53.76	\$77.52	\$6,190.04	\$527.89	\$88.91	\$102.20	\$117.16		
37	3	Mar-23	\$49.40	\$67.22	\$6,029.98	\$519.84	\$82.57	\$90.75	\$101.00		
38	4	Apr-23	\$48.66	\$63.09	\$6,105.51	\$508.89	\$80.26	\$80.71	\$96.19		
39	5	May-23	\$43.97	\$52.76	\$5,867.61	\$523.89	\$75.39	\$61.42	\$80.43		
40	6	Jun-23	\$49.84	\$52.53	\$6,786.75	\$558.97	\$82.46	\$56.52	\$84.41		