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Liberty Utilities (Granite State) Corp. d/b/a Liberty
Revenue Decoupling Adjustment Factor (RDAF)
Reconciliation Period November 2023 – October 2024

Line No.	Description	D	D-10	G-1	G-2	G-3	T	V	Total
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)
1	RDAF Prior Period (Over)/Under Collection as of 10/31/23	$77,224	$2,854	$35,875	$18,080	$15,901	$2,916	$122	$152,971
2	Prior Period Interest	$27,485	$464	$13,816	$7,302	$6,899	$978	$27	$56,971
3	Total Prior Period (Over)/Under Collection as of 10/31/23	$104,708	$3,317	$49,691	$25,382	$22,801	$3,894	$149	$209,942
4	Less: Decoupling Year 22/23 Refund/(Charge)	($507,720)	($7,613)	($242,777)	($133,437)	($130,418)	($20,269)	($481)	($1,042,715)
5	Total RDAF Nov 2023 - Oct 2024	$612,429	$10,930	$292,468	$158,819	$153,219	$24,163	$630	$1,252,657
6	kWh Sales Nov 2023 - Oct 2024	300,006,708	7,436,984	378,667,429	147,404,016	83,805,450	11,717,009	273,999	929,311,594
7	Rate ($/kWh)	$0.00204	$0.00147	$0.00077	$0.00108	$0.00183	$0.00206	$0.00230	

Reference:
Line No. 1: Attachment ARMY-1- Line Nos. 21, 46, 70, 94, 118, 142, 166
Line No. 2: Attachment ARMY-1- Line Nos. 22, 47, 71, 95, 119, 143, 167
Line No. 3: Line 1 + Line 2
Line No. 4: Attachment ARMY-2, Line 177- Correspondent to Rate Category
Line No. 5: Line 3 - Line 5
Line No. 6: Company Forecast
Line No. 7: Line 7 / Line 9

Liberty Utilities (Granite State) Corp. d/b/a Liberty
Revenue Decoupling Adjustment Factor (RDAF)
Reconciliation Period November 2022 – October 2023

	Line	Month	Beginning Balance	Recovery Rate	kWh Sales	Collections	(Over)/Under Ending Balance	Balance Subject to Interest	Interest Rate	Days per Month	Interest	Cumulative Interest
	1	**Residential Rate D**										
	2	**Month**	**Beginning Balance**	**Recovery Rate**	**kWh Sales**	**Collections**	**(Over)/Under Ending Balance**	**Balance Subject to Interest**	**Interest Rate**	**Days per Month**	**Interest**	**Cumulative Interest**
	3		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)
	4	DY 21/22 Deficiency/(Surplus)	$689,000									
*	5	Nov-22	$0	$0.00000	18,939,847	$0	$0	$0	6.25%	30	$0	$0
*	6	Dec-22	$0	$0.00000	22,239,115	$0	$0	$0	7.00%	31	$0	$0
	7	Jan-23	$689,000	$0.00281	10,629,525	($29,869)	$659,131	$674,066	7.50%	31	$4,294	$4,294
	8	Feb-23	$663,425	$0.00281	25,598,433	($71,932)	$591,493	$627,459	7.75%	28	$3,730	$8,024
	9	Mar-23	$595,224	$0.00281	23,743,417	($66,719)	$528,505	$561,864	7.75%	31	$3,698	$11,722
	10	Apr-23	$532,203	$0.00281	20,737,289	($58,272)	$473,931	$503,067	8.00%	30	$3,308	$15,030
	11	May-23	$477,239	$0.00281	17,653,603	($49,607)	$427,632	$452,436	8.00%	31	$3,074	$18,104
	12	Jun-23	$430,706	$0.00281	18,807,435	($52,849)	$377,857	$404,282	8.25%	30	$2,741	$20,846
	13	Jul-23	$380,599	$0.00281	28,008,748	($78,705)	$301,894	$341,247	8.25%	31	$2,391	$23,237
**	14	Aug-23	$304,285	$0.00281	28,015,165	($78,723)	$225,563	$264,924	8.50%	31	$1,913	$25,149
**	15	Sep-23	$227,475	$0.00281	22,768,526	($63,980)	$163,496	$195,485	8.50%	30	$1,366	$26,515
**	16	Oct-23	$164,861	$0.00281	21,751,892	($61,123)	$103,739	$134,300	8.50%	31	$970	$27,485
	17	Total			258,892,995	($611,776)					$27,485	
	18											
	19	**Projected Cumulative Collection**				**($611,776)**						
	20	**Total Approved Collection**				**$689,000**						
	21	**(Over)/Under Collection, excluding interest**				**$77,224**						
	22	**Cumulative Interest**				**$27,485**						
	23	**Total (Over)/Under Collection, incuding interest**				**$104,708**						
	24											
	25											
	26	**Residential Rate D-10 Optional Peak Load Rate**										
	27	**Month**	**Beginning Balance**	**Recovery Rate**	**kWh Sales**	**Collections**	**(Over)/Under Ending Balance**	**Balance Subject to Interest**	**Interest Rate**	**Days per Month**	**Interest**	**Cumulative Interest**
	28		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)
	29	DY 21/22 Deficiency/(Surplus)	$10,331									
*	30	Nov-22	$0	$0.00000	330,557	$0	$0	$0	6.25%	30	$0	$0
*	31	Dec-22	$0	$0.00000	401,307	$0	$0	$0	7.00%	31	$0	$0
	32	Jan-23	$10,331	$0.00180	187,781	($338)	$9,993	$10,162	7.50%	31	$65	$65
	33	Feb-23	$10,057	$0.00180	568,014	($1,022)	$9,035	$9,546	7.75%	28	$57	$121
	34	Mar-23	$9,092	$0.00180	519,279	($935)	$8,157	$8,624	7.75%	31	$57	$178
	35	Apr-23	$8,214	$0.00180	422,327	($760)	$7,454	$7,834	8.00%	30	$52	$230
	36	May-23	$7,505	$0.00180	332,589	($599)	$6,906	$7,206	8.00%	31	$49	$279
	37	Jun-23	$6,955	$0.00180	303,687	($547)	$6,409	$6,682	8.25%	30	$45	$324
	38	Jul-23	$6,454	$0.00180	389,783	($702)	$5,752	$6,103	8.25%	31	$43	$367
**	39	Aug-23	$5,795	$0.00180	515,098	($927)	$4,868	$5,332	8.50%	31	$38	$405
**	40	Sep-23	$4,907	$0.00180	433,141	($780)	$4,127	$4,517	8.50%	30	$32	$437
**	41	Oct-23	$4,158	$0.00180	482,206	($868)	$3,291	$3,724	8.50%	31	$27	$464
	42	Total			4,885,768	($7,477)					$464	
	43											
	44	**Projected Cumulative Collection**				**($7,477)**						
	45	**Total Approved Collection**				**$10,331**						
	46	**(Over)/Under Collection, excluding interest**				**$2,854**						
	47	**Cumulative Interest**				**$464**						
	48	**Total (Over)/Under Collection, incuding interest**				**$3,317**						
	49											
	50	**General Service Time-of-Use Rate G-1**										
	51	**Month**	**Beginning Balance**	**Recovery Rate**	**kWh Sales**	**Collections**	**(Over)/Under Ending Balance**	**Balance Subject to Interest**	**Interest Rate**	**Days per Month**	**Interest**	**Cumulative Interest**
	52		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)
	53	DY 21/22 Deficiency/(Surplus)	$329,459									
*	54	Nov-22	$0	$0.00000	14,927,628	$0	$0	$0	6.25%	30	$0	$0
*	55	Dec-22	$0	$0.00000	47,462,031	$0	$0	$0	7.00%	31	$0	$0
	56	Jan-23	$329,459	$0.00104	5,615,018	($5,840)	$323,620	$326,540	7.50%	31	$2,080	$2,080
	57	Feb-23	$325,700	$0.00104	26,388,273	($27,444)	$298,256	$311,978	7.75%	28	$1,855	$3,935
	58	Mar-23	$300,111	$0.00104	27,275,723	($28,367)	$271,744	$285,927	7.75%	31	$1,882	$5,817
	59	Apr-23	$273,626	$0.00104	28,229,254	($29,358)	$244,268	$258,947	8.00%	30	$1,703	$7,519
	60	May-23	$245,970	$0.00104	27,211,476	($28,300)	$217,670	$231,820	8.00%	31	$1,575	$9,095
	61	Jun-23	$219,245	$0.00104	27,799,630	($28,912)	$190,334	$204,790	8.25%	30	$1,389	$10,483
	62	Jul-23	$191,722	$0.00104	38,054,136	($39,576)	$152,146	$171,934	8.25%	31	$1,205	$11,688
**	63	Aug-23	$153,351	$0.00104	37,107,772	($38,592)	$114,759	$134,055	8.50%	31	$968	$12,656
**	64	Sep-23	$115,726	$0.00104	33,255,785	($34,586)	$81,140	$98,433	8.50%	30	$688	$13,343
**	65	Oct-23	$81,828	$0.00104	31,355,875	($32,610)	$49,218	$65,523	8.50%	31	$473	$13,816
	66	Total			344,682,599	($293,585)					$13,816	
	67											
	68	**Projected Cumulative Collection**				**($293,585)**						
	69	**Total Approved Collection**				**$329,459**						
	70	**(Over)/Under Collection, excluding interest**				**$35,875**						
	71	**Cumulative Interest**				**$13,816**						
	72	**Total (Over)/Under Collection, incuding interest**				**$49,691**						
	73											

Liberty Utilities (Granite State) Corp. d/b/a Liberty
Revenue Decoupling Adjustment Factor (RDAF)
Reconciliation of Period November 2022 – October 2023

General Long Hour Service Rate G-2

	Month	Beginning Balance	Recovery Rate	kWh Sales	Collections	(Over)/Under Ending Balance	Balance Subject to Interest	Interest Rate	Days per Month	Interest	Cumulative Interest
		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)
	DY 21/22 Deficiency/(Surplus)	$181,080									
*	Nov-22	$0	$0.00000	11,065,480	$0	$0	$0	6.25%	30	$0	$0
*	Dec-22	$0	$0.00000	10,960,960	$0	$0	$0	7.00%	31	$0	$0
	Jan-23	$181,080	$0.00151	3,977,826	($6,007)	$175,074	$178,077	7.50%	31	$1,134	$1,134
	Feb-23	$176,208	$0.00151	11,213,686	($16,933)	$159,275	$167,742	7.75%	28	$997	$2,132
	Mar-23	$160,273	$0.00151	11,395,437	($17,207)	$143,065	$151,669	7.75%	31	$998	$3,130
	Apr-23	$144,064	$0.00151	10,992,994	($16,599)	$127,464	$135,764	8.00%	30	$893	$4,023
	May-23	$128,357	$0.00151	9,942,325	($15,013)	$113,344	$120,851	8.00%	31	$821	$4,844
	Jun-23	$114,165	$0.00151	10,929,779	($16,504)	$97,661	$105,913	8.25%	30	$718	$5,562
	Jul-23	$98,379	$0.00151	12,437,451	($18,781)	$79,599	$88,989	8.25%	31	$624	$6,185
**	Aug-23	$80,222	$0.00151	13,088,724	($19,764)	$60,458	$70,340	8.50%	31	$508	$6,693
**	Sep-23	$60,966	$0.00151	12,067,768	($18,222)	$42,744	$51,855	8.50%	30	$362	$7,055
**	Oct-23	$43,106	$0.00151	11,901,032	($17,971)	$25,136	$34,121	8.50%	31	$246	$7,302
	Total			129,973,462	($163,000)					$7,302	

Projected Cumulative Collection	**($163,000)**
Total Approved Collection	**$181,080**
(Over)/Under Collection, excluding interest	**$18,080**
Cumulative Interest	**$7,302**
Total (Over)/Under Collection, incuding interest	**$25,382**

General Service Rate G-3

	Month	Beginning Balance	Recovery Rate	kWh Sales	Collections	(Over)/Under Ending Balance	Balance Subject to Interest	Interest Rate	Days per Month	Interest	Cumulative Interest
		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)
	DY 21/22 Deficiency/(Surplus)	$176,984									
*	Nov-22	$0	$0.00000	5,816,206	$0	$0	$0	6.25%	30	$0	$0
*	Dec-22	$0	$0.00000	6,067,443	$0	$0	$0	7.00%	31	$0	$0
	Jan-23	$176,984	$0.00253	2,659,925	($6,730)	$170,254	$173,619	7.50%	31	$1,106	$1,106
	Feb-23	$171,360	$0.00253	7,372,836	($18,653)	$152,707	$162,033	7.75%	28	$963	$2,069
	Mar-23	$153,670	$0.00253	7,144,090	($18,075)	$135,595	$144,633	7.75%	31	$952	$3,021
	Apr-23	$136,547	$0.00253	6,513,564	($16,505)	$120,042	$128,295	8.00%	30	$844	$3,865
	May-23	$120,886	$0.00253	5,758,068	($14,568)	$106,318	$113,602	8.00%	31	$772	$4,637
	Jun-23	$107,090	$0.00253	6,273,933	($15,873)	$91,217	$99,153	8.25%	30	$672	$5,309
	Jul-23	$91,889	$0.00253	7,377,908	($18,666)	$73,223	$82,556	8.25%	31	$578	$5,888
**	Aug-23	$73,801	$0.00253	7,579,305	($19,176)	$54,626	$64,214	8.50%	31	$464	$6,351
**	Sep-23	$55,089	$0.00253	6,572,037	($16,627)	$38,462	$46,776	8.50%	30	$327	$6,678
**	Oct-23	$38,789	$0.00253	6,407,018	($16,210)	$22,579	$30,684	8.50%	31	$222	$6,899
	Total			75,542,333	($161,082)					$6,899	

Projected Cumulative Collection	**($161,082)**
Total Approved Collection	**$176,984**
(Over)/Under Collection, excluding interest	**$15,901**
Cumulative Interest	**$6,899**
Total (Over)/Under Collection, incuding interest	**$22,801**

Limited Total Electrical Living Rate T

	Month	Beginning Balance	Recovery Rate	kWh Sales	Collections	(Over)/Under Ending Balance	Balance Subject to Interest	Interest Rate	Days per Month	Interest	Cumulative Interest
		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)
	DY 21/22 Deficiency/(Surplus)	$27,506									
*	Nov-22	$0	$0.00000	689,679	$0	$0	$0	6.25%	30	$0	$0
*	Dec-22	$0	$0.00000	760,543	$0	$0	$0	7.00%	31	$0	$0
	Jan-23	$27,506	$0.00285	429,794	($1,225)	$26,281	$26,894	7.50%	31	$171	$171
	Feb-23	$26,452	$0.00285	1,588,857	($4,528)	$21,924	$24,188	7.75%	28	$144	$315
	Mar-23	$22,068	$0.00285	1,321,276	($3,766)	$18,302	$20,185	7.75%	31	$133	$448
	Apr-23	$18,435	$0.00285	854,697	($2,436)	$15,999	$17,217	8.00%	30	$113	$561
	May-23	$16,113	$0.00285	860,272	($2,452)	$13,661	$14,887	8.00%	31	$101	$662
	Jun-23	$13,762	$0.00285	587,763	($1,675)	$12,087	$12,924	8.25%	30	$88	$750
	Jul-23	$12,174	$0.00285	778,535	($2,219)	$9,956	$11,065	8.25%	31	$78	$828
**	Aug-23	$10,033	$0.00285	743,013	($2,118)	$7,916	$8,974	8.50%	31	$65	$892
**	Sep-23	$7,980	$0.00285	660,517	($1,882)	$6,098	$7,039	8.50%	30	$49	$941
**	Oct-23	$6,147	$0.00285	803,345	($2,290)	$3,858	$5,002	8.50%	31	$36	$978
	Total			10,078,291	($24,590)					$978	

Projected Cumulative Collection	**($24,590)**
Total Approved Collection	**$27,506**
(Over)/Under Collection, excluding interest	**$2,916**
Cumulative Interest	**$978**
Total (Over)/Under Collection, incuding interest	**$3,894**

Liberty Utilities (Granite State) Corp. d/b/a Liberty
Revenue Decoupling Adjustment Factor (RDAF)
Reconciliation of Period November 2022 – October 2023

	Line	Month	Beginning Balance	Recovery Rate	kWh Sales	Collections	(Over)/Under Ending Balance	Balance Subject to Interest	Interest Rate	Days per Month	Interest	Cumulative Interest
	146	**Limited Commercial Space Heating Rate V**										
	148		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)
	149	DY 21/22 Deficiency/(Surplus)	$653									
*	150	Nov-22	$0	$0.00000	13,384	$0	$0	$0	6.25%	30	$0	$0
*	151	Dec-22	$0	$0.00000	21,035	$0	$0	$0	7.00%	31	$0	$0
	152	Jan-23	$653	$0.00291	6,393	($19)	$635	$644	7.50%	31	$4	$4
	153	Feb-23	$639	$0.00291	23,781	($69)	$569	$604	7.75%	28	$4	$8
	154	Mar-23	$573	$0.00291	24,642	($72)	$501	$537	7.75%	31	$4	$11
	155	Apr-23	$505	$0.00291	20,022	($58)	$447	$476	8.00%	30	$3	$14
	156	May-23	$450	$0.00291	13,399	($39)	$411	$430	8.00%	31	$3	$17
	157	Jun-23	$414	$0.00291	14,520	($42)	$371	$393	8.25%	30	$3	$20
	158	Jul-23	$374	$0.00291	20,734	($60)	$314	$344	8.25%	31	$2	$22
**	159	Aug-23	$316	$0.00291	21,131	($61)	$255	$285	8.50%	31	$2	$24
**	160	Sep-23	$257	$0.00291	17,953	($52)	$204	$231	8.50%	30	$2	$26
**	161	Oct-23	$206	$0.00291	19,975	($58)	$148	$177	8.50%	31	$1	$27
	162	Total			216,969	($531)					$27	
	163											
	164	**Projected Cumulative Collection**				**($531)**						
	165	**Total Approved Collection**				**$653**						
	166	**(Over)/Under Collection, excluding interest**				**$122**						
	167	**Cumulative Interest**				**$27**						
	168	**Total (Over)/Under Collection, incuding interest**				**$149**						

Reference:
Column (a): Attachment ARMY-2, Line 177
Column (b): Per Order No. 26,748 in Docket DE 22-052, dated December 16, 2022
Column (c): Company records, includes Hybrid Rate Sales where applicable (G-1, G-2, G-3)
Column (d): Company records
Column (e): Column (a) + Column (d)
Column (f): [Column (a) + Column (e)] / 2
Column (g): Prime Rate effective first day of each month. Source: http://www.fedprimerate.com/wall_street_journal_prime_rate_history.htm
Column (h): Days per month
*Column (i): [Column (d) x ((Column (e) / 365) * Column (f))]*
Column (j): Column (i) + Prior Month's Column (j)
** Projected Revenues*
*** Projected Forecasted Sales from Company records*
**** Includes L2 rate*

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

Line No.	Decoupling Year	(a)	(b)	(c.)	(d)
	Distribution Revenues	Effective July 1, 2022	Effective August 1, 2022	Effective March 1, 2023	Effective June 1, 2023
1	Base	$ 48,394,904	$ 48,394,904	$ 47,432,821	$ 46,052,622
2	Step	$ -	$ 1,751,403	$ (1,380,199)	$ -
3	Recoupment	$ -	$ (1,939,679)	$ -	$ 917,996
4	Rate Case Expense	$ -	$ (565,077)	$ -	$ 276,821
5	July 2022 recoupment over collected	$ -	$ (161,640)	$ -	$ 76,500
6	July 2022 rate case expenses over collected	$ -	$ (47,090)	$ -	$ 23,068
7	Total	$ 48,394,904	$ 47,432,821	$ 46,052,622	$ 47,347,007

Line No.	Less: Street Lighting Distribution Revenues	Effective July 1, 2022	Effective August 1, 2022	Effective March 1, 2023	Effective June 1, 2023
8	Base	$ 1,195,835	$ 1,195,835	$ 1,172,926	$ 1,140,539
9	Step	$ -	$ (22,909)	$ (32,387)	$ 31,410
10	Recoupment	$ -	$ -	$ -	$ -
11	Rate Case Expense	$ -	$ -	$ -	$ -
12	July 2022 recoupment over collected	$ -	$ -	$ -	$ -
13	July 2022 rate case expenses over collected	$ -	$ -	$ -	$ -
14	Total	$ 1,195,835	$ 1,172,926	$ 1,140,539	$ 1,171,949

Line No.	Distribution Revenues Subject To Decoupling	Effective July 1, 2022	Effective August 1, 2022	Effective March 1, 2023	Effective June 1, 2023
15	Base	$ 47,199,069	$ 47,199,069	$ 46,259,895	$ 44,912,083
16	Step	$ -	$ 1,774,312	$ (1,347,812)	$ (31,410)
17	Recoupment	$ -	$ (1,939,679)	$ -	$ 917,996
18	Rate Case Expense	$ -	$ (565,077)	$ -	$ 276,821
19	July 2022 recoupment over collected	$ -	$ (161,640)	$ -	$ 76,500
20	July 2022 rate case expenses over collected	$ -	$ (47,090)	$ -	$ 23,068
21	Total	$ 47,199,069	$ 46,259,895	$ 44,912,083	$ 46,175,058

Line	(a)	(b)	(c.)	(d.)	(d.)
1		Approved in Docket No. DE 19-064 Order No. 26,537 (October 29, 2021)	Prior year total	Prior year total	Prior year total
2		N/A	Approved in Docket No. DE 22-035 Order No. 26,661 (July 29, 2022)	Approved in Docket No. DE 22-035 Order No. 26,780 (March 1, 2023) and 26,781 (March 3, 2023)	Approved in Docket No. DE 22-035 Order No. 26,836 (May 31, 2023)
3		N/A	N/A	N/A	N/A
4		N/A	N/A	N/A	N/A
5		N/A	N/A	N/A	N/A
6		N/A	N/A	N/A	N/A
7		Sum of lines 1 through 6	Sum of lines 1 through 6	Sum of lines 1 through 6	Sum of lines 1 through 6
8		Approved in Docket No. DE 19-064 Order No. 26,537 (October 29, 2021)	Prior year total	Prior year total	Prior year total
9		N/A	Allocated in Rate Design	Allocated in Rate Design	Allocated in Rate Design
10		N/A	N/A	N/A	N/A
11		N/A	N/A	N/A	N/A
12		N/A	N/A	N/A	N/A
13		N/A	N/A	N/A	N/A
14		Sum of lines 8 through 12	Sum of lines 8 through 12	Sum of lines 8 through 12	Sum of lines 8 through 12
15		Line 1 - Line 8	Line 1 - Line 8	Line 1 - Line 8	Line 1 - Line 8
16		Line 2 - Line 9	Line 2 - Line 9	Line 2 - Line 9	Line 2 - Line 9
17		Line 3 - Line 10	Line 3 - Line 10	Line 3 - Line 10	Line 3 - Line 10
18		Line 4 - Line 11	Line 4 - Line 11	Line 4 - Line 11	Line 4 - Line 11
19		Line 5 - Line 12	Line 5 - Line 12	Line 5 - Line 12	Line 5 - Line 12
20		Line 6 - Line 13	Line 6 - Line 13	Line 6 - Line 13	Line 6 - Line 13
21		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
Revenue Decoupling Adjustment Factor (RDAF)
Annual Target Revenues by Rate Class

Line No.	Decoupling Year 2: Allowed Revenue Requirement 7/1/2022 - 7/31/2022	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	$22,982,235	$344,590	$10,989,421	$6,040,095	$5,903,452	$917,491	$21,785	$ 47,199,069
2	Step Increase	$0	$0	$0	$0	$0	$0	$0	$ -
3	Recoupment	$0	$0	$0	$0	$0	$0	$0	$ -
4	Rate Case Expense	$0	$0	$0	$0	$0	$0	$0	$ -
5	July 2022 recoupment over collected	$0	$0	$0	$0	$0	$0	$0	$ -
6	July 2022 rate case expenses over collected	$0	$0	$0	$0	$0	$0	$0	$ -
7	**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 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
8	Distribution Revenue Requirement	$22,982,235	$344,590	$10,989,421	$6,040,095	$5,903,452	$917,491	$21,785	$ 47,199,069
9	Step Increase	$863,950	$12,954	$413,115	$227,060	$221,923	$34,490	$819	$ 1,774,312
10	Recoupment	($944,471)	($14,161)	($451,618)	($248,222)	($242,607)	($37,705)	($895)	$ (1,939,679)
11	Rate Case Expense	($275,148)	($4,126)	($131,568)	($72,313)	($70,677)	($10,984)	($261)	$ (565,077)
12	July 2022 recoupment over collected	($78,706)	($1,180)	($37,635)	($20,685)	($20,217)	($3,142)	($75)	$ (161,640)
13	July 2022 rate case expenses over collected	($22,929)	($344)	($10,964)	($6,026)	($5,890)	($915)	($22)	$ (47,090)
14	**Total Target Revenues**	$22,524,931	$337,733	$10,770,752	$5,919,908	$5,785,984	$899,235	$21,352	$46,259,895

Line No.	Decoupling Year 2: Allowed Revenue Requirement 3/1/2023 - 5/31/2023	Domestic DOD2	Domestic - Opt. Peak D10	General TOU G01	General Long Hour G02	General Service G03	Limited All Electric T00	Ltd Comm Space V00	Total
15	Distribution Revenue Requirement	$22,524,931	$337,733	$10,770,752	$5,919,908	$5,785,984	$899,235	$21,352	$ 46,259,895
16	Step Increase	($656,278)	($9,840)	($313,813)	($172,480)	($168,578)	($26,200)	($622)	$ (1,347,812)
17	Recoupment	$0	$0	$0	$0	$0	$0	$0	$ -
18	Rate Case Expense	$0	$0	$0	$0	$0	$0	$0	$ -
19	July 2022 recoupment over collected	$0	$0	$0	$0	$0	$0	$0	$ -
20	July 2022 rate case expenses over collected	$0	$0	$0	$0	$0	$0	$0	$ -
21	**Total Target Revenues**	$21,868,653	$327,893	$10,456,939	$5,747,428	$5,617,405	$873,035	$20,730	$44,912,083

Line No.	Decoupling Year 2: Allowed Revenue Requirement 6/1/2023 - 6/30/2023	Domestic DOD2	Domestic - Opt. Peak D10	General TOU G01	General Long Hour G02	General Service G03	Limited All Electric T00	Ltd Comm Space V00	Total
22	Distribution Revenue Requirement	$21,868,653	$327,893	$10,456,939	$5,747,428	$5,617,405	$873,035	$20,730	$ 44,912,083
23	Step Increase	($15,294)	($229)	($7,313)	($4,020)	($3,929)	($611)	($14)	$ (31,410)
24	Recoupment	$446,992	$6,702	$213,738	$117,476	$114,819	$17,845	$424	$ 917,996
25	Rate Case Expense	$134,790	$2,021	$64,453	$35,425	$34,624	$5,381	$128	$ 276,821
26	July 2022 recoupment over collected	$37,249	$559	$17,812	$9,790	$9,568	$1,487	$35	$ 76,500
27	July 2022 rate case expenses over collected	$11,233	$168	$5,371	$2,952	$2,885	$448	$11	$ 23,068
28	**Total Target Revenues**	$22,483,622	$337,114	$10,750,999	$5,909,052	$5,775,373	$897,586	$21,313	$46,175,058

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
29	Jul-18	$1,694,413	$22,074	$841,222	$447,540	$419,271	$48,672	$1,582	$3,474,773
30	Aug-18	$1,857,431	$24,560	$884,497	$457,478	$453,725	$52,599	$1,842	$3,732,132
31	Sep-18	$1,678,165	$23,102	$836,223	$423,981	$418,285	$46,607	$1,260	$3,427,623
32	Oct-18	$1,371,371	$18,950	$757,938	$417,729	$367,687	$44,713	$1,206	$2,979,594
33	Nov-18	$1,401,629	$20,584	$707,174	$393,114	$358,966	$57,503	$1,124	$2,940,094
34	Dec-18	$1,688,605	$26,286	$756,050	$400,390	$426,308	$80,056	$1,608	$3,379,303
35	Jan-18	$1,891,081	$31,136	$711,780	$403,946	$451,098	$102,669	$2,007	$3,593,716
36	Feb-18	$1,599,187	$28,894	$706,330	$404,252	$425,561	$84,220	$1,783	$3,250,227
37	Mar-18	$1,520,355	$25,807	$692,966	$411,845	$407,660	$77,033	$1,583	$3,137,249
38	Apr-18	$1,496,779	$24,334	$696,329	$399,178	$397,471	$67,951	$1,507	$3,083,549
39	May-18	$1,351,666	$20,212	$720,281	$416,875	$370,820	$51,763	$1,260	$2,932,877
40	Jun-18	$1,488,295	$19,526	$793,083	$427,417	$393,696	$46,282	$1,287	$3,169,586
41		$19,038,977	$285,466	$9,103,872	$5,003,744	$4,890,546	$760,069	$18,047	$39,100,722
42	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
43	Jul-18	8.90%	7.73%	9.24%	8.94%	8.57%	6.40%	8.77%
44	Aug-18	9.76%	8.60%	9.72%	9.14%	9.28%	6.92%	10.21%
45	Sep-18	8.81%	8.09%	9.19%	8.47%	8.55%	6.13%	6.98%
46	Oct-18	7.20%	6.64%	8.33%	8.35%	7.52%	5.88%	6.68%
47	Nov-18	7.36%	7.21%	7.77%	7.86%	7.34%	7.57%	6.23%
48	Dec-18	8.87%	9.21%	8.30%	8.00%	8.72%	10.53%	8.91%
49	Jan-18	9.93%	10.91%	7.82%	8.07%	9.22%	13.51%	11.12%
50	Feb-18	8.40%	10.12%	7.76%	8.08%	8.70%	11.08%	9.88%
51	Mar-18	7.99%	9.04%	7.61%	8.23%	8.34%	10.14%	8.77%
52	Apr-18	7.86%	8.52%	7.65%	7.98%	8.13%	8.94%	8.35%
53	May-18	7.10%	7.08%	7.91%	8.33%	7.58%	6.81%	6.98%
54	Jun-18	7.82%	6.84%	8.71%	8.54%	8.05%	6.09%	7.13%
55	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 Factor (RDAF)
Revenue Decoupling Adjustment Calculation: Year 2 (7/1/2022-6/30/2023)

Line No.	A	B	C	D	E	F	G	H	I	J
1	**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**
2			**DOD2**	**D10**	**G01**	**G02**	**G03**	**T00**	**V00**	
3	**Bills**	*(Test Year Equivalent Bills)*								
4	**7**	Jul-18	35,232	443	139	922	5,691	961	18	43,406
5	**8**	Aug-18	37,134	441	143	942	5,902	1,034	19	45,615
6	**9**	Sep-18	33,822	435	138	872	5,425	881	15	41,588
7	**10**	Oct-18	35,547	440	141	906	5,680	956	17	43,687
8	**11**	Nov-18	35,400	437	140	900	5,679	951	17	43,524
9	**12**	Dec-18	35,656	439	145	902	5,704	950	17	43,813
10	**1**	Jan-18	35,344	438	135	904	5,649	981	18	43,469
11	**2**	Feb-18	35,193	441	135	906	5,663	975	18	43,331
12	**3**	Mar-18	35,347	441	132	910	5,671	975	18	43,494
13	**4**	Apr-18	35,329	443	131	901	5,688	967	18	43,477
14	**5**	May-18	35,313	440	141	914	5,650	968	18	43,444
15	**6**	Jun-18	35,263	439	138	903	5,638	967	18	43,366
16			424,580	5,277	1,658	10,882	68,040	11,566	211	522,214
17	**Distribution Revenues**									
18	**7**	Jul-22	$2,045,352	$26,645	$1,015,451	$540,232	$506,108	$58,752	$1,910	$4,194,451
19	**8**	Aug-22	$2,197,519	$29,056	$1,046,444	$541,241	$536,800	$62,230	$2,179	$4,415,469
20	**9**	Sep-22	$1,985,430	$27,332	$989,332	$501,610	$494,871	$55,141	$1,491	$4,055,206
21	**10**	Oct-22	$1,622,463	$22,419	$896,713	$494,213	$435,009	$52,900	$1,427	$3,525,144
22	**11**	Nov-22	$1,658,261	$24,353	$836,655	$465,092	$424,691	$68,032	$1,329	$3,478,413
23	**12**	Dec-22	$1,997,781	$31,099	$894,479	$473,699	$504,363	$94,714	$1,902	$3,998,038
24	**1**	Jan-23	$2,237,329	$36,837	$842,104	$477,907	$533,692	$121,468	$2,374	$4,251,710
25	**2**	Feb-23	$1,891,992	$34,185	$835,656	$478,268	$503,479	$99,640	$2,109	$3,845,329
26	**3**	Mar-23	$1,746,318	$29,643	$795,958	$473,056	$468,249	$88,482	$1,818	$3,603,524
27	**4**	Apr-23	$1,719,239	$27,951	$799,821	$458,506	$456,545	$78,050	$1,731	$3,541,843
28	**5**	May-23	$1,552,558	$23,216	$827,333	$478,833	$425,933	$59,456	$1,448	$3,368,777
29	**6**	Jun-23	$1,757,566	$23,059	$936,572	$504,747	$464,926	$54,656	$1,519	$3,743,046
30			$22,411,807	$335,796	10,716,519	5,887,405	5,754,665	893,521	21,237	46,020,950
31	**Monthly Target Revenue Per Customer (Monthly RPC)**									
32	**7**	Jul-22	$58.05	$60.15	$7,305.40	$585.94	$88.93	$61.14	$106.09	
33	**8**	Aug-22	$59.18	$65.89	$7,317.79	$574.57	$90.95	$60.18	$114.68	
34	**9**	Sep-22	$58.70	$62.83	$7,169.07	$575.24	$91.22	$62.59	$99.38	
35	**10**	Oct-22	$45.64	$50.95	$6,359.67	$545.49	$76.59	$55.34	$83.92	
36	**11**	Nov-22	$46.84	$55.73	$5,976.11	$516.77	$74.78	$71.54	$78.20	
37	**12**	Dec-22	$56.03	$70.84	$6,168.82	$525.17	$88.42	$99.70	$111.89	
38	**1**	Jan-23	$63.30	$84.10	$6,237.81	$528.66	$94.48	$123.82	$131.90	
39	**2**	Feb-23	$53.76	$77.52	$6,190.04	$527.89	$88.91	$102.20	$117.16	
40	**3**	Mar-23	$49.40	$67.22	$6,029.98	$519.84	$82.57	$90.75	$101.00	
41	**4**	Apr-23	$48.66	$63.09	$6,105.51	$508.89	$80.26	$80.71	$96.19	
42	**5**	May-23	$43.97	$52.76	$5,867.61	$523.89	$75.39	$61.42	$80.43	
43	**6**	Jun-23	$49.84	$52.53	$6,786.75	$558.97	$82.46	$56.52	$84.41	

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

44	**Actual**		**Domestic**	**Domestic - Opt. Peak**	**General TOU**	**General Long Hour**	**General Service**	**Limited All Electric**	**Ltd Comm Space Heating**	**Total**
45			**DOD2**	**D10**	**G01**	**G02**	**G03**	**T00**	**V00**	
46	**Equivalent Bills**		**Values below are inputs, and represent actual monthly bills adjusted to equivalent bills**							
47	**7**	Jul-22	37,035	437	148	953	5,835	859	16	45,283
48	**8**	Aug-22	36,819	438	155	938	5,832	842	16	45,040
49	**9**	Sep-22	38,099	446	165	1,006	5,938	853	16	46,523
50	**10**	Oct-22	39,550	412	104	851	5,735	967	16	47,635
51	**11**	Nov-22	38,229	457	137	1,022	6,101	830	16	46,792
52	**12**	Dec-22	37,442	409	147	1,015	5,905	732	17	45,667
53	**1**	Jan-23	38,705	461	182	992	6,169	927	15	47,451
54	**2**	Feb-23	39,051	486	162	1,071	6,171	982	17	47,940
55	**3**	Mar-23	37,381	440	179	1,015	5,940	838	16	45,809
56	**4**	Apr-23	36,729	429	168	970	5,774	757	16	44,843
57	**5**	May-23	37,730	462	147	994	5,958	869	16	46,176
58	**6**	Jun-23	35,257	444	141	1,008	5,862	732	16	43,460
59			452,027	5,321	1,835	11,835	71,220	10,188	193	552,619
60	**Distribution Revenues**		**Values below are inputs, and represent actual monthly billings**							
61	**7**	Jul-22	$2,207,329	$26,615	$913,135	$521,444	$492,235	$52,190	$1,490	$4,214,438
62	**8**	Aug-22	$2,397,174	$31,057	$953,770	$493,175	$522,907	$52,797	$1,720	$4,452,601
63	**9**	Sep-22	$2,092,380	$25,987	$986,854	$534,834	$498,479	$47,752	$1,424	$4,187,710
64	**10**	Oct-22	$1,875,712	$19,694	$493,309	$402,008	$384,895	$50,252	$1,070	$3,226,941
65	**11**	Nov-22	$1,664,998	$22,413	$528,119	$509,527	$406,216	$44,849	$994	$3,177,117
66	**12**	Dec-22	$1,827,360	$23,738	$1,214,006	$458,946	$413,838	$46,365	$1,410	$3,985,663
67	**1**	Jan-23	$2,133,410	$30,678	$887,329	$522,897	$529,792	$91,118	$1,242	$4,196,466
68	**2**	Feb-23	$2,153,318	$34,257	$983,552	$546,011	$525,831	$100,761	$1,649	$4,345,379
69	**3**	Mar-23	$1,912,779	$28,174	$864,222	$503,799	$472,573	$74,561	$1,587	$3,857,694
70	**4**	Apr-23	$1,699,665	$24,315	$943,032	$444,129	$425,432	$50,216	$1,316	$3,588,106
71	**5**	May-23	$1,529,453	$21,777	$854,618	$458,535	$384,606	$51,984	$966	$3,301,939
72	**6**	Jun-23	$1,566,497	$21,411	$820,098	$476,662	$414,391	$37,738	$1,036	$3,337,832
73			$ 23,060,075	$ 310,116	$ 10,442,046	$ 5,871,967	$ 5,471,194	$ 700,584	$ 15,905	$ 45,871,886
74	**Actual Revenue Per Customer**									
75	**7**	Jul-22	$59.60	$60.90	$6,169.83	$547.16	$84.36	$60.76	$93.13	
76	**8**	Aug-22	$65.11	$70.91	$6,153.36	$525.77	$89.66	$62.70	$107.52	
77	**9**	Sep-22	$54.92	$58.27	$5,980.93	$531.64	$83.95	$55.98	$89.02	
78	**10**	Oct-22	$47.43	$47.80	$4,743.36	$472.39	$67.11	$51.97	$66.89	
79	**11**	Nov-22	$43.55	$49.04	$3,854.89	$498.56	$66.58	$54.04	$62.11	
80	**12**	Dec-22	$48.81	$58.04	$8,258.54	$452.16	$70.08	$63.34	$82.92	
81	**1**	Jan-23	$55.12	$66.55	$4,875.43	$527.11	$85.88	$98.29	$82.82	
82	**2**	Feb-23	$55.14	$70.49	$6,071.31	$509.81	$85.21	$102.61	$96.98	
83	**3**	Mar-23	$51.17	$64.03	$4,828.06	$496.35	$79.56	$88.97	$99.18	
84	**4**	Apr-23	$46.28	$56.68	$5,613.29	$457.87	$73.68	$66.34	$82.27	
85	**5**	May-23	$40.54	$47.14	$5,813.73	$461.30	$64.55	$59.82	$60.40	
86	**6**	Jun-23	$44.43	$48.22	$5,816.30	$472.88	$70.69	$51.55	$64.73	

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

	1	2	3	4	5	6	7	8	9	
87	A	B	C	D	E	F	G	H	I	J
88	Decoupling Calculation: Decoupling Year 2		Domestic	Domestic - Opt. Peak	General TOU	General Long Hour	General Service	Limited All Electric	Ltd Comm Space Heating	Total Refund / (Charge) to Customers
89			DOD2	D10	G01	G02	G03	T00	V00	
90	Jul-22	Target RPC	$58.05	$60.15	$7,305.40	$585.94	$88.93	$61.14	$106.09	
91	7	Actual RPC	$59.60	$60.90	$6,169.83	$547.16	$84.36	$60.76	$93.13	
92		Difference	$1.5474	$0.7559	($1,135.5733)	($38.7746)	($4.5723)	($0.3799)	($12.9626)	
93		Actual Bills	37,035	437	148	953	5,835	859	16	
94		**Decoupling Adjustment**	**$57,307**	**$330**	**($168,065)**	**($36,952)**	**($26,679)**	**($326)**	**($207)**	**($174,592)**
95	Aug-22	Target RPC	$59.18	$65.89	$7,317.79	$574.57	$90.95	$60.18	$114.68	
96	8	Actual RPC	$65.11	$70.91	$6,153.36	$525.77	$89.66	$62.70	$107.52	
97		Difference	$5.9289	$5.0189	($1,164.4343)	($48.7927)	($1.2905)	$2.5206	($7.1647)	
98		Actual Bills	36,819	438	155	938	5,832	842	16	
99		**Decoupling Adjustment**	**$218,296**	**$2,198**	**($180,487)**	**($45,768)**	**($7,526)**	**$2,122**	**($115)**	**($11,280)**
100	Sep-22	Target RPC	$58.70	$62.83	$7,169.07	$575.24	$91.22	$62.59	$99.38	
101	9	Actual RPC	$54.92	$58.27	$5,980.93	$531.64	$83.95	$55.98	$89.02	
102		Difference	($3.7828)	($4.5661)	($1,188.1400)	($43.5965)	($7.2732)	($6.6075)	($10.3581)	
103		Actual Bills	38,099	446	165	1,006	5,938	853	16	
104		**Decoupling Adjustment**	**($144,120)**	**($2,037)**	**($196,043)**	**($43,858)**	**($43,188)**	**($5,636)**	**($166)**	**($435,048)**
105	Oct-22	Target RPC	$45.64	$50.95	$6,359.67	$545.49	$76.59	$55.34	$83.92	
106	10	Actual RPC	$47.43	$47.80	$4,743.36	$472.39	$67.11	$51.97	$66.89	
107		Difference	$1.7836	($3.1520)	($1,616.3110)	($73.0945)	($9.4727)	($3.3682)	($17.0315)	
108		Actual Bills	39,550	412	104	851	5,735	967	16	
109		**Decoupling Adjustment**	**$70,542**	**($1,299)**	**($168,096)**	**($62,203)**	**($54,326)**	**($3,257)**	**($273)**	**($218,912)**
110	Nov-22	Target RPC	$46.84	$55.73	$5,976.11	$516.77	$74.78	$71.54	$78.20	
111	11	Actual RPC	$43.55	$49.04	$3,854.89	$498.56	$66.58	$54.04	$62.11	
112		Difference	($3.2903)	($6.6836)	($2,121.2216)	($18.2100)	($8.2008)	($17.5016)	($16.0850)	
113		Actual Bills	38,229	457	137	1,022	6,101	830	16	
114		**Decoupling Adjustment**	**($125,783)**	**($3,054)**	**($290,607)**	**($18,611)**	**($50,033)**	**($14,526)**	**($257)**	**($502,871)**
115	Dec-22	Target RPC	$56.03	$70.84	$6,168.82	$525.17	$88.42	$99.70	$111.89	
116	12	Actual RPC	$48.81	$58.04	$8,258.54	$452.16	$70.08	$63.34	$82.92	
117		Difference	($7.2242)	($12.8011)	$2,089.7227	($73.0019)	($18.3401)	($36.3586)	($28.9715)	
118		Actual Bills	37,442	409	147	1,015	5,905	732	17	
119		**Decoupling Adjustment**	**($270,490)**	**($5,236)**	**$307,189**	**($74,097)**	**($108,298)**	**($26,615)**	**($493)**	**($178,040)**
120	Jan-23	Target RPC	$63.30	$84.10	$6,237.81	$528.66	$94.48	$123.82	$131.90	
121	1	Actual RPC	$55.12	$66.55	$4,875.43	$527.11	$85.88	$98.29	$82.82	
122		Difference	($8.1818)	($17.5553)	($1,362.3734)	($1.5445)	($8.5956)	($25.5271)	($49.0802)	
123		Actual Bills	38,705	461	182	992	6,169	927	15	
124		**Decoupling Adjustment**	**($316,676)**	**($8,093)**	**($247,952)**	**($1,532)**	**($53,026)**	**($23,664)**	**($736)**	**($651,679)**
125	Feb-23	Target RPC	$53.76	$77.52	$6,190.04	$527.89	$88.91	$102.20	$117.16	
126	2	Actual RPC	$55.14	$70.49	$6,071.31	$509.81	$85.21	$102.61	$96.98	
127		Difference	$1.3807	($7.0289)	($118.7330)	($18.0758)	($3.6968)	$0.4131	($20.1796)	
128		Actual Bills	39,051	486	162	1,071	6,171	982	17	
129		**Decoupling Adjustment**	**$53,919**	**($3,416)**	**($19,235)**	**($19,359)**	**($22,813)**	**$406**	**($343)**	**($10,841)**
130	Mar-23	Target RPC	$49.40	$67.22	$6,029.98	$519.84	$82.57	$90.75	$101.00	
131	3	Actual RPC	$51.17	$64.03	$4,828.06	$496.35	$79.56	$88.97	$99.18	
132		Difference	$1.7648	($3.1859)	($1,201.9256)	($23.4879)	($3.0113)	($1.7763)	($1.8214)	
133		Actual Bills	37,381	440	179	1,015	5,940	838	16	
134		**Decoupling Adjustment**	**$65,971**	**($1,402)**	**($215,145)**	**($23,840)**	**($17,887)**	**($1,489)**	**($29)**	**($193,821)**
135	Apr-23	Target RPC	$48.66	$63.09	$6,105.51	$508.89	$80.26	$80.71	$96.19	
136	4	Actual RPC	$46.28	$56.68	$5,613.29	$457.87	$73.68	$66.34	$82.27	
137		Difference	($2.3878)	($6.4156)	($492.2178)	($51.0201)	($6.5840)	($14.3777)	($13.9180)	
138		Actual Bills	36,729	429	168	970	5,774	757	16	
139		**Decoupling Adjustment**	**($87,703)**	**($2,752)**	**($82,693)**	**($49,489)**	**($38,016)**	**($10,884)**	**($223)**	**($271,760)**
140	May-23	Target RPC	$43.97	$52.76	$5,867.61	$523.89	$75.39	$61.42	$80.43	
141	5	Actual RPC	$40.54	$47.14	$5,813.73	$461.30	$64.55	$59.82	$60.40	
142		Difference	($3.4288)	($5.6288)	($53.8816)	($62.5849)	($10.8334)	($1.6012)	($20.0293)	
143		Actual Bills	37,730	462	147	994	5,958	869	16	
144		**Decoupling Adjustment**	**($129,369)**	**($2,601)**	**($7,921)**	**($62,209)**	**($64,545)**	**($1,391)**	**($320)**	**($268,356)**
145	Jun-23	Target RPC	$49.84	$52.53	$6,786.75	$558.97	$82.46	$56.52	$84.41	
146	6	Actual RPC	$44.43	$48.22	$5,816.30	$472.88	$70.69	$51.55	$64.73	
147		Difference	($5.4108)	($4.3041)	($970.4558)	($86.0882)	($11.7719)	($4.9668)	($19.6854)	
148		Actual Bills	35,257	444	141	1,008	5,862	732	16	
149		**Decoupling Adjustment**	**($190,770)**	**($1,911)**	**($136,834)**	**($86,777)**	**($69,007)**	**($3,636)**	**($315)**	**($489,250)**
150		**Annual Total**	**($798,876)**	**($29,273)**	**($1,405,889)**	**($524,695)**	**($555,344)**	**($88,896)**	**($3,477)**	**($3,406,450)**

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

Annual Deferral Calculation: DY 2

A	B	C	D	E	F	G	H	I	J
		A + B		C / D			(E - F) or (E - G)	D * H	C - I
Current Year Adjustment	Prior Years' Deferral Balance	Total Adjustment	Total Company Target Revenues	Percent of Total	"Soft" Cap		Amount in excess of Cap %	Amount in excess of Cap $	Annual Allowed Adjustment
$ (3,406,450)	$ (337,913)	$ (3,744,363)	$ 46,020,950	-8.14%	-3.00%	3.00%	-5.14%	$ (2,363,735)	$ (1,042,715)
								Deferral of excess to next year's calculation	Refund / (Charge) to Customers

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

Rate Class Allocation	DOD2	D10	G01	G02	G03	T00	V00	Total Refund / (Charge) to Customers Year 1
Class % of Total Test Year Distribution	48.69%	0.73%	23.28%	12.80%	12.51%	1.94%	0.05%	100.00%
Decoupling Adjustment	$ (507,720)	$ (7,613)	$ (242,777)	$ (133,437)	$ (130,418)	$ (20,269)	$ (481)	$ (1,042,715)

Indicative Monthly Bill Impacts*		DOD2	D10	G01	G02	G03	T00	V00	Total
Nov 2023-Oct 2024	Monthly kWh	300,006,708	7,436,984	378,667,429	147,404,016	83,805,450	11,717,009	273,999	929,311,594
	$/kWh	$ 0.00169	$ 0.00102	$ 0.00064	$ 0.00091	$ 0.00156	$ 0.00173	$ 0.00176	
Monthly Use Per Customer (kWh)		664	1,398	206,358	12,455	1,177	1,150	1,420	
Monthly Impact		$ 1.12	$ 1.43	$ 132.07	$ 11.33	$ 1.84	$ 1.99	$ 2.50	

Reference:
** Rate does not include any reconciliation from decoupling years*

Liberty Utilities (Granite State Electric) Corp. d/b/a Liberty
Revenue Decoupling Adjustment Factor (RDAF)
Permanent Rate Design - July 1, 2022 - June 30, 2023 Decoupling Year Adjustment-Rates Effective November 1, 2023

Line No.			August 1, 2023 Current	Current REP/VMP Adjustment	Proposed November 1, 2023 Decoupling Adjustment	Total Distribution Rates November 1, 2023
1	Rate Class	Distribution Rate Component	Rates	Factor	Factor	Rates
2			(a)	(b)	(c)	(d)
3	D	Customer Charge	$14.74			$14.74
4		All kWh	$0.06752	-0.00002	0.00204	$0.06954
5		16 Hour Off Peak kWh	$0.05829	-0.00002	0.00204	$0.06031
6		Farm kWh	$0.06374	-0.00002	0.00204	$0.06576
7		D-6 kWh	$0.05938	-0.00002	0.00204	$0.06140
8	D-10	Customer Charge	$14.74			$14.74
9		On Peak kWh	$0.14355	-0.00002	0.00147	$0.14500
10		Off Peak kWh	$0.00190	-0.00002	0.00147	$0.00335
11	G-1	Customer Charge	$502.08			$502.08
12		Demand Charge	$10.63			$10.63
13		On Peak kWh	$0.00679	-0.00002	0.00077	$0.00754
14		Off Peak kWh	$0.00199	-0.00002	0.00077	$0.00274
15		Credit for High Voltage Delivery > 2	($0.57)			($0.57)
16	G-2	Customer Charge	$83.66			$83.66
17		Demand Charge	$10.67			$10.67
18		All kWh	$0.00267	-0.00002	0.00108	$0.00373
19		Credit for High Voltage Delivery > 2	($0.57)			($0.57)
20	G-3	Customer Charge	$19.20			$19.20
21		All kWh	$0.06093	-0.00002	0.00183	$0.06274
22	T	Customer Charge	$17.01			$17.01
23		All kWh	$0.05469	-0.00002	0.00206	$0.05673
24	V	Minimum Charge	$19.20			$19.20
25		All kWh	$0.06266	-0.00002	0.0023	$0.06494

Liberty Utilities (Granite State Electric) Corp. d/b/a Liberty
Revenue Decoupling Adjustment Factor (RDAF)
Bill Calculation - Residential Rate D

Line No.		Rate Effective August 1, 2023	November 1, 2023 Proposed Rates	Current Bill	November 1, 2023 Proposed Bill
1	Usage 650 kWh				
2		(a)	(b)		
3	Customer Charge	$14.74	$14.74	$14.74	$14.74
4	Distribution Charge	$0.06752	$0.06752	$43.89	$43.89
5	**Revenue Decoupling Adjustment Factor**	$0.00281	$0.00204	$1.83	$1.33
6	REP/VMP	($0.00002)	($0.00002)	($0.01)	($0.01)
7	Storm Recovery Adjustment	($0.00202)	($0.00202)	($1.31)	($1.31)
8	Transmission Charge	$0.03334	$0.03334	$21.67	$21.67
9	Stranded Cost Charge	($0.00031)	($0.00031)	($0.20)	($0.20)
10	System Benefits Charge	$0.00700	$0.00700	$4.55	$4.55
11	Electricity Consumption Tax	$0.00000	$0.00000	$0.00	$0.00
12	Subtotal Retail Delivery Services			$85.15	$84.65
13	Energy Service Charge	$0.12612	$0.12612	$81.98	$81.98
14			Total Bill	$167.13	$166.63
15	**$ increase in 650 kWh Total Residential Bill**				**-$0.50**
16	**% increase in 650 kWh Total Residential Bill**				**-0.30%**

Reference:
Column (a): Order No. 26,781 in Docket DE 22-035, dated March 3, 2023
Column (b): Rates proposed