Public Service Company of New Hampshire d/b/a Eversource Energy Docket No. DE 19-057 Settlement Agreement - Step 3 Revenue Requirement Attachment MBP/EAD-1 Page 1 of 6

CALCULATION OF STEP ADJUSTMENT #3 (EXCLUDES NEW BUSINESS)

Line	Description		Year-Ending 12/31/2020	(e	ffective 8/1/2022) Year-Ending 12/31/2021	Attachment/Reference
			(A)		(B)	
1 2	Total Utility Plant in Service Accumulated Provision for Depreciation	\$	2,345,505,174 633,383,629	\$	2,448,011,579 670,563,352	MBP/EAD-1, Page 2, Line 1 MBP/EAD-1, Page 2, Line 2
3	Net Utility Plant	\$	1,712,121,545	\$	1,777,448,227	Line 1 - Line 2
4 5	Gross Plant Change (year over year) Net Plant Change (year over year)			\$ \$	102,506,405 65,326,682	Line 1 Col. (B) - Line 1 Col. (A) Line 3 Col. (B) - Line 3 Col. (A)
6	Rate of Return				6.87%	MBP/EAD-1, Page 3, Line 8
7	Gross Revenue Conversion Factor				1.37142	MBP/EAD-1, Page 4, Line 7
8	Return			\$	6,154,238	Line 5 x Line 6 x Line 7
9	Depreciation Rate				3.15%	MBP/EAD-1, Page 5, Line 71
10	Depreciation			\$	2,057,790	Line 5 x Line 9
11	Property Tax Rate				2.11%	MBP/EAD-1, Page 6, Line 3
12	Property Taxes			\$	2,160,566	Line 4 x Line 11
13	Total Revenue Requirement			\$	10,372,595	Line 8 + Line 10 + Line 12
14	Step 3 Revenue Requirement Capped Am	ount		\$	9,300,000	DE 19-057 Settlement, Section 10.1(c)(i), Bates Page 20
15	Step 3 Revenue Increase (\$000s)			\$	9,300	If (Line 13 > Line 14), (Line 14 / 1000)

Public Service Company of New Hampshire d/b/a Eversource Energy Docket No. DE 19-057 Settlement Agreement - Step 3 Revenue Requirement Attachment MBP/EAD-1 Page 2 of 6

DISTRIBUTION PLANT

		Year-Ending	Year-Ending	
Line	Description	12/31/2020	12/31/2021	Reference
		(A)	(B)	
1	Total Utility Plant In Service	\$ 2,345,505,174	\$ 2,448,011,579	FERC Form 1 adj to excl New Business
2	Accumulated Provision for Depreciation	633,383,629	670,563,352	FERC Form 1 adj to excl New Business
3	Net Utility Plant	\$ 1,712,121,545	\$ 1,777,448,227	Line 1 - Line 2
4	Gross Distribution Plant Change (year over year)		\$ 102,506,405	Line 1 Col. (B) - Line 1 Col. (A)
5	Net Distribution Plant Change (year over year)		\$ 65,326,682	Line 3 Col. (B) - Line 3 Col. (A)
6	Beginning Plant Balance	\$ 2,250,917,651	\$ 2,345,505,174	Prior Year Line 9 Col. (A)
7	Additions (excluding New Business)	123,141,060	122,492,045	FERC Form 1 adj to excl New Business
8	Retirements (excluding New Business)	(28,553,538)	(19,985,639)	FERC Form 1 adj to excl New Business
9	Ending Plant Balance	\$ 2,345,505,174	\$ 2,448,011,579	Line 6 + Line 7 + Line 8
	-			

Public Service Company of New Hampshire d/b/a Eversource Energy Docket No. DE 19-057 Settlement Agreement - Step 3 Revenue Requirement Attachment MBP/EAD-1 Page 3 of 6

COST OF CAPITAL

		Fixed		Rate of	
Line	Description	Percentage	Cost	Return	Reference
		(A)	(B)	$(C) = (A) \times (B)$	
1	Short-Term Debt	2.44%	2.07%	0.05%	
1	211011 101111 2001				
2	Long-term Debt	43.15%	4.08%	1.76%	
3	Common Equity	54.41%	9.30%	5.06%	
4	Total Capital	100.00%		6.87%	Line 1 + Line 2 + Line 3
5	Weighted Cost of				
5	Weighted Cost of				
6	Debt			1.81%	Line 1 + Line 2
7	Equity			5.06%	Line 3
8	Cost of Capital			6.87%	Line 6 + Line 7

Public Service Company of New Hampshire d/b/a Eversource Energy Docket No. DE 19-057 Settlement Agreement - Step 3 Revenue Requirement Attachment MBP/EAD-1 Page 4 of 6

COMPUTATION OF GROSS REVENUE CONVERSION FACTOR

		Step	3	
Line	Description	12/31/2020	12/31/2021	Reference
1	Operating revenue percentage	100.000%	100.000%	
2	Less: New Hampshire corporate business tax	7.700%	7.700%	
3	Operating revenue percentage after state taxes	92.300%	92.300%	Line 1 - Line 2
4	Federal income tax rate	21.000%	21.000%	
5	Federal income tax	19.383%	19.383%	Line 3 x Line 4
6	Operating income after federal income tax	72.917%	72.917%	Line 3 - Line 5
7	Gross revenue conversion factor	137.142%	137.142%	1 / Line 6

CALCULATED

CALCULATED

SUMMARY OF ESTIMATED SURVIVOR CURVES, NET SALVAGE PERCENT, ORIGINAL COST AND CALCULATED ANNUAL AND ACCRUED DEPRECIATION RELATED TO ELECTRIC PLANT AS OF DECEMBER 31, 2018 WHOLE LIFE DEPRECIATION - AMR RECOVERY OVER 9 YEARS

NET

ORIGINAL COST

			SURVIVOR	NET SALVAGE	ORIGINAL COST AS OF	CALCUL ANNUAL A		CALCULATED ACCRUED
LINE	PLANT ACCOUNT	DESCRIPTION	CURVE	PERCENT	DECEMBER 31, 2018	AMOUNT	RATE	DEPRECIATION
1	(A)	(B)	(C)	(D)	(E)	(F)	(G)=(F)/(E)	(H)
2 3		ELECTRIC PLANT						
4		ELECTRIC PLANI						
5		INTANGIBLE PLANT						
6								
7	303.00	MISCELLANEOUS INTANGIBLE PLANT	5-SQ	0	18,278,819.53	1,769,835	9.68	14,600,391
8	303.00	MISCELLANEOUS INTANGIBLE PLANT - AMR	5-SQ	0	2,864,448.00	95,483 *	5.55	2,660,846 * 28.607.554
10	303.20	MISCELLANEOUS INTANGIBLE PLANT - 10 YEAR	10-SQ	0	31,771,797.33	486,807	1.53	28,607,554
11		TOTAL INTANGIBLE PLANT			52,915,064.86	2,352,125	4.45	45,868,791
12					, ,	, ,		
13		DISTRIBUTION PLANT						
14	260.20	LAND AND LAND RIGHTS	75 D.4	0	4 122 020 65	E4 926	1.22	2 204 822
15 16	360.20 361.00	STRUCTURES AND IMPROVEMENTS	75-R4 75-R3	0 (25)	4,123,039.65 26,387,975.26	54,836 438,700	1.33 1.66	2,204,822 6,187,652
17	362.00	STATION EQUIPMENT	55-S0.5	(25)	303,092,439.65	6,895,353	2.28	65,238,205
18	362.10	STATION EQUIPMENT - ENERGY MANAGEMENT SYSTEM	25-R2.5	0	3,155,937.71	126,238	4.00	1,015,444
19	364.00	POLES, TOWERS AND FIXTURES	53-R0.5	(90)	303,587,829.37	10,901,646	3.59	110,737,706
20	365.00	OVERHEAD CONDUCTORS AND DEVICES	55-R1	(35)	582,095,624.35	14,302,089	2.46	154,119,837
21 22	366.00 367.00	UNDERGROUND CONDUIT UNDERGROUND CONDUCTORS AND DEVICES	60-R2 54-R1.5	(40) (40)	38,757,668.49 133,741,822.05	906,154 3,463,913	2.34 2.59	9,625,266 42,368,714
23	368.00	LINE TRANSFORMERS	40-S0	(2)	262,481,157.73	6,693,270	2.55	73,140,846
24	369.10	OVERHEAD SERVICES	44-R2	(125)	81,721,434.74	4,173,922	5.11	47,501,588
25	369.20	UNDERGROUND SERVICES	55-R1.5	(125)	76,631,011.71	3,138,040	4.10	32,482,673
26	370.00	METERS	18-L1	0	44,821,891.75	2,479,416	5.53	19,961,157
27	370.00	METERS - AMR	18-L1	0	31,614,492.00	2,981,203 *	2.15	5,819,204
28 29	371.00 373.00	INSTALLATION ON CUSTOMERS' PREMISES STREET LIGHTING AND SIGNAL SYSTEMS	17-L0 27-L0	(50) (10)	6,563,781.88 5,130,537.46	578,892 208,813	8.82 4.07	3,082,834 2,083,777
30	373.00	STREET EIGHTING AND SIGNAL STOTEMS	27-20	(10)	3,130,337.40	200,013	4.07	2,003,777
31		TOTAL DISTRIBUTION PLANT			1,903,906,643.80	57,342,485	3.01	575,569,725
32								
33		GENERAL PLANT						
34 35	389.20	LAND AND LAND RIGHTS	65-R4	0	26,976.55	415	1.54	13,692
36	390.00	STRUCTURES AND IMPROVEMENTS	50-S0.5	(10)	84,363,470.03	1,854,713	2.20	20,052,815
37	390.10	STRUCTURES AND IMPROVEMENTS - LEASEHOLD	20-S0.5	0	50,859.53	2,543	5.00	19,095
38	391.10	OFFICE FURNITURE AND EQUIPMENT	20-SQ	0	9,755,154.62	487,758	5.00	4,695,337
39	391.20	OFFICE FURNITURE AND EQUIPMENT - COMPUTER EQUIPM	5-SQ	0	1,672,250.89	243,506	14.56	960,508
40		TO ANGRODE ATION FOLLOWING THE						
41 42		TRANSPORTATION EQUIPMENT						
43	392.00	OTHER	15-S4	15	30,225.00	1,714	5.67	14,507
44	392.10	CARS	6-L3	15	97,593.41	13,828	14.17	13,479
45	392.20	LIGHT TRUCKS	11-S1	15	8,605,166.97	664,878	7.73	2,687,250
46	392.30	MEDIUM TRUCKS	14-S3	15	2,764,714.96	167,791	6.07	767,426
47 48	392.40	HEAVY TRUCKS	15-S2.5 13-L2.5	15	26,391,434.00	1,496,262	5.67	8,212,511
48 49	392.50 392.60	ROLLING EQUIPMENT TRAILERS	13-L2.5 13-L3	15 15	1,321,753.47 4,958,571.11	86,396 324,117	6.54 6.54	235,242 1,661,871
50	392.70	ELECTRIC VEHICLE CHARGING STATION	10-R4	0	7,902.10	790	10.00	5,244
51								
52		TOTAL TRANSPORTATION EQUIPMENT			44,177,361.02	2,755,776	6.24	13,597,530
53	202.00	GEODES FOLIENTENE	20.50		2 255 004 00	4 62 00 5	# OO	4 400 250
54 55	393.00 394.00	STORES EQUIPMENT TOOLS, SHOP AND GARAGE EQUIPMENT	20-SQ	0	3,257,904.89 14,194,677.76	162,895 567,787	5.00 4.00	1,109,379 4,037,342
56	395.00	LABORATORY EQUIPMENT	25-SQ 20-SQ	0	2,072,746.95	96,433	4.65	1,339,656
57	396.00	POWER OPERATED EQUIPMENT	15-L4	0	159,421.09	10,633	6.67	71,720
58						.,		
59		COMMUNICATION EQUIPMENT						
60				_				
61 62	397.10 397.20	MICROWAVE OTHER	15-SQ 15-SO	0	5,646,707.11 22.098,802.35	240,089 1,279,811	4.25 5.79	3,854,488 10,667,691
63	397.20 397.30	GPS	5-SQ 5-SQ	0	443,487.30	54,399	12.27	366,151
64	371.30	0.5	2.50		113,107.50	51,555	12.27	300,131
65		TOTAL COMMUNICATION EQUIPMENT			28,188,996.76	1,574,299	5.58	14,888,330
66								
67	398.00	MISCELLANEOUS EQUIPMENT	20-SQ	0	1,279,168.86	63,958	5.00	658,566
68 69		TOTAL GENERAL PLANT			189,198,988.95	7,820,716	4.13	61,443,970
70		TOTAL GENERAL FLANT			109,190,900.93	7,020,710	4.13	01,443,970
71		TOTAL DEPRECIABLE PLANT			2,146,020,697.61	67,515,326	3.15	682,882,486
72								
73		NONDEPRECIABLE PLANT						
74								
75 76	301.00 360.10	ORGANIZATION LAND			45,057.29 5,830,013.57			
76 77	389.10	LAND LAND			4,806,992.04			
78	307.10	Ento			4,000,772.04			
79		TOTAL NONDEPRECIABLE PLANT			10,682,062.90			
80					-			
81		TOTAL ELECTRIC PLANT			2,156,702,760.51	67,515,326		682,882,486
82		* AMD METERS MET DOOK WALLE BEING DEBREGLETER OVER	D O VEADS					
83 84	:	* AMR METERS NET BOOK VALUE BEING DEPRECIATED OVE ** NEW ADDITIONS TO THIS ACCOUNT WILL BE DEPRECIATEI		RATE				
85		112.11 ADDITIONS TO THIS ACCOUNT WILL BE DEPRECIATED	2 CSENG A 10.00%	KILL				
86		Less Transportation Equipment				(2,755,776)		
87		TOTAL ELECTRIC PLANT			•	64,759,550		
					=			
							0000	40

Public Service Company of New Hampshire d/b/a Eversource Energy Docket No. DE 19-057 Settlement Agreement - Step 3 Revenue Requirement Attachment MBP/EAD-1 Page 6 of 6

PROPERTY TAX RATE CALCULATION

		Year-Ended	
Line	Description	12/31/2021	Reference
1	Total Distribution Property Taxes	\$ 52,266,266	Reflects CY 2021 Property Tax expense
2	Gross Distribution Plant In Service	\$ 2,479,733,073	Reflects Total Distribution Plant @ 12/31/2021
3	Gross Property Tax Rate	2.11%	Line 1 / Line 2

Public Service Company of New Hampshire 1 2 d/b/a Eversource Energy 3 Docket No. DE 19-057 4 Attachment MBP/EAD-2 5 April 29, 2022 6 Page 1 of 50 7 STATE OF NEW HAMPSHIRE 8 9 PUBLIC UTILITIES COMMISSION 10 Report of Proposed Rate Changes - Step 3 Adjustment 11 12 13 Tariff NHPUC No. 10 14 Date Effective: August 1, 2022 15 16 17 (A) (B) (C) (D) (E) (F) = (E) - (D)(G) = (F) / (D)18 Effect of 19 Average Estimated Annual Revenue (a) **Proposed Annual Change** 20 Proposed Number of Current Proposed 21 Class of Service Change Customers Rates (b) Rates (c) Revenue Percent Residential Service Rate R and R-OTOD 733,913,532 22 Increase 439,078 728,530,299 \$ 5,383,233 0.7% 23 75,983 24 General Service Rate G and Rate G-OTOD 355,653,547 357,905,308 \$ 2,251,761 0.6% Increase 25 26 Primary General Service Rate GV 1,393 294,282,419 295,261,573 0.3% Increase 979,154 27 28 Large General Service Rate LG Increase 121 160,581,132 161,119,848 538,716 0.3% 29 30 Outdoor Lighting Service Rate OL and Rate EOL Decrease 773 9,092,182 9,239,000 146,818 1.6% 31 32 Total (a) Increase 517,349 \$ 1,548,139,579 \$ 1,557,439,261 \$ 9,299,682 0.6%

34 Notes:

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^{35 (}a) Based on actual sales to customers for the twelve-month period ending December 31, 2018, normalized for lighting inventory as of December 2018.

⁽b) Current rate revenue is based on rates effective February 1, 2022.

^{37 (}c) Proposed rate revenue is based on proposed distribution rates for effect August 1, 2022.

STATE OF NEW HAMPSHIRE PUBLIC UTILITIES COMMISSION

Report of Proposed Rate Changes Current Rates

Tariff NHPUC No. 10

Tallit Will CO NO. 10						Date	e Effectiv	/e: August 1, 2022
(A)	(B)	(C)	(D)	(E)	(F) Current	(G)	(H) =	Sum of (B) to (G)
				Current	Regulatory	Current		
	Current	Current	Current	System	Reconciliation	Energy		Total
Class	Distribution	Transmission	SCRC	Benefits	Adjustment	Service (b)		Revenue
Residential Service Rate R (a)	\$ 242,004,920	\$ 98,850,718	\$ 14,999,686	\$24,330,751	\$ (1,029,661)	\$ 349,373,885	\$	728,530,299
General Service Rate G	101,044,149	49,795,013	7,794,224	12,854,042	(409,628)	184,575,747		355,653,547
Primary General Service Rate GV	43,649,668	44,647,900	5,289,630	12,396,614	(169,974)	188,468,581		294,282,419
Large General Service Rate LG	24,145,189	30,355,925	5,503,851	9,308,181	(72,457)	91,340,443		160,581,132
Outdoor Lighting Rates OL, EOL	6,590,241	590,669	343,282	211,765	(1,684,585)	3,040,810		9,092,182
Total Retail	\$ 417,434,167	\$ 224,240,225	\$ 33,930,673	\$59,101,353	\$ (3,366,305)	\$ 816,799,466	\$	1,548,139,579

Notes:

^{39 (}a) Revenues for Residential Rate R do not include credits issued to qualifying customers under the Residential Electric Assistance Program.

^{40 (}b) For purposes of this calculation, all customers are assumed to receive service under the Energy Service rate.

^{41 (}c) Support for amounts shown above is contained in MBP/EAD-3, pages 11 through 21.

Public Service Company of New Hampshire d/b/a Eversource Energy Docket No. DE 19-057 Attachment MBP/EAD-2 April 29, 2022 Page 3 of 50

STATE OF NEW HAMPSHIRE PUBLIC UTILITIES COMMISSION

Report of Proposed Rate Changes Proposed Rates

Tariff NHPUC No. 10

Date Effective: August 1, 2022

6 7 3	(A)	(B)	(C)	(D)	(E)	(F) Proposed	(G)	(H) =	Sum of (B) to (G)
9		Proposed			Current	Regulatory	Current		
)		Permanent	Current	Current	System	Reconciliation	Energy		Total
1	Class	Distribution	Transmission	SCRC	Benefits	Adjustment	Service (b)		Revenue
2				·				·	
3	Residential Service Rate R (a)	\$ 247,388,153	\$ 98,850,718	\$ 14,999,686	\$ 24,330,751	(1,029,661)	\$ 349,373,885	\$	733,913,532
1									
5	General Service Rate G	103,295,910	49,795,013	7,794,224	12,854,042	(409,628)	184,575,747		357,905,308
3									
7	Primary General Service Rate GV	44,628,822	44,647,900	5,289,630	12,396,614	(169,974)	188,468,581		295,261,573
3									
9	Large General Service Rate LG	24,683,905	30,355,925	5,503,851	9,308,181	(72,457)	91,340,443		161,119,848
)									
1	Outdoor Lighting Rates OL, EOL	6,737,059	590,669	343,282	211,765	(1,684,585)	3,040,810		9,239,000
2									
3	Total Retail	\$ 426,733,849	\$ 224,240,225	\$ 33,930,673	\$ 59,101,353	\$ (3,366,305)	\$ 816,799,466	\$	1,557,439,261

38 Notes:

^{39 (}a) Revenues for Residential Rate R do not include credits issued to qualifying customers under the Residential Electric Assistance Program.

^{40 (}b) For purposes of this calculation, all customers are assumed to receive service under the Energy Service rate.

^{41 (}c) Support for amounts shown above is contained in MBP/EAD-3, pages 11 through 21.

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Public Service Company of New Hampshire d/b/a Eversource Energy Docket No. DE 19-057 Attachment MBP/EAD-2 April 29, 2022 Page 4 of 50

STATE OF NEW HAMPSHIRE PUBLIC UTILITIES COMMISSION

Report of Proposed Rate Changes Incremental Increase/(Decrease)

Tariff NHPUC No. 10

Date Effective: August 1, 2022 (F) Proposed (B) (C) (D) (G) (H) = Sum of (B) to (G) (A) (E) Proposed Current Regulatory Current Permanent Current Current Reconciliation Energy System Total Distribution (b) SCRC Service (c) Class Benefits Transmission Adjustment Revenue Residential Service Rate R (a) \$ 5,383,233 5,383,233 General Service Rate G 2,251,761 2,251,761 Primary General Service Rate GV 979,154 979,154 Large General Service Rate LG 538,716 538,716 Outdoor Lighting Rates OL, EOL 146,818 146,818 Total Retail 9,299,682 9,299,682

³⁸ Notes:

^{39 (}a) Revenues for Residential Rate R do not include credits issued to qualifying customers under the Residential Electric Assistance Program.

^{40 (}b) MBP/EAD-2, page 3 - MBP/EAD-3, page 2

^{41 (}c) For purposes of this calculation, all customers are assumed to receive service under the Energy Service rate.

0.0%

0.6%

STATE OF NEW HAMPSHIRE PUBLIC UTILITIES COMMISSION

Report of Proposed Rate Changes Percent Increase/(Decrease)

Tariff NHPUC No. 10

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Total Retail

Date Effective: August 1, 2022 (A) (B) (C) (D) (E) (F) (G) (H) Proposed Regulatory Proposed Current Current Current Reconciliation Permanent Current System Energy Total Class Distribution (b) Transmission SCRC Benefits Adjustment (c) Service (d) Revenue Residential Service Rate R (a) 2.2% 0.0% 0.0% 0.0% 0.0% 0.0% 0.7% General Service Rate G 2.2% 0.0% 0.0% 0.0% 0.0% 0.0% 0.6% 2.2% 0.0% 0.0% 0.3% Primary General Service Rate GV 0.0% 0.0% 0.0% Large General Service Rate LG 2.2% 0.0% 0.0% 0.0% 0.0% 0.0% 0.3% Outdoor Lighting Rates OL, EOL 0.0% 0.0% 0.0% 2.2% 0.0% 0.0% 1.6%

0.0%

0.0%

0.0%

35 36 37 0.0%

2.2%

Notes:
 (a) Revenues for Residential Rate R do not include credits issued to qualifying customers under the Residential Electric Assistance Program.

^{40 (}b) Percent change is MBP/EAD-3, page 4, Column (B) / MBP/EAD-3, page 2, Column (B)

^{41 (}c) Not a calculable value

^{42 (}d) For purposes of this calculation, all customers are assumed to receive service under the Energy Service rate.

Distribution Revenue Allocation Step 3 Distribution Change

 Current Rate Distribution Revenue
 \$ 417,434
 Lin

 Step 3 Incremental Revenue
 \$ 9,300
 Set

 Proposed Distribution Revenue
 \$ 426,734
 Lin

 Incremental Increase
 \$ 9,300
 Lin

 Step 3 Incremental Change
 2.23%
 Lin

Source:
Line 55, Column A
Settlement Agreement
Line 11 + Line 13
Line 15 - Line 11
Line 15 / Line 11

	A	В	C = B * Line 19	D = B + C	E		F = E - B	G = F / A	H = E / B
<u>Rate</u>	Test Year 2018 <u>Billed Sales</u> (MWh)	Current Rate Distribution Revenue (Rev \$000)	<u>D Change</u> (Rev \$000)	Distribution Target (Rev \$000)	Proposed Rate Distribution (Rev \$000)		Difference Proposed vs (% Chg.
R	3,144,509	\$ 236,433.4	\$ 5,267.5	\$ 241,700.9	\$ 241,684.8	(16.16)	•		
R-TOD	462	40.6	0.9	41.5	41.4	(0.13)			
	3,144,971	236,474.1	5,268.4	241,742.5	241,726.2	(16.29) \$	5,252.1	0.167	2.22%
R-WH	92,916	4,749.7	105.8	4,855.5	4,856.5	1.04			
G-WH	3,379	155.5	3.5	159.0	159.4	0.42			
LCS-R	36,777	781.2	17.4	798.6	805.4	6.87			
LCS-G	4,510	76.1	1.7	77.7	79.0	1.28			
	137,582	5,762.4	128.4	5,890.8	5,900.4	9.61	138.0	0.100	2.39%
G	1,715,822	100,361.8	2,236.0	102,597.8	102,595.3	(2.45)			
G-TOD	856	209.1	4.7	213.8	215.1	1.28			
	1,716,678	100,570.9	2,240.6	102,811.5	102,810.4	(1.17)	2,239.4	0.130	2.23%
G-SH	5,452	241.7	5.4	247.1	247.1	0.07	5.5	0.100	2.26%
GV	1,665,676	43,396.4	966.8	44,363.2	44,370.7	7.48	974.3	0.058	2.25%
LG	1,172,439	22,580.3	503.1	23,083.3	23,083.3	(0.01)	503.1	0.043	2.23%
B-GV	2,778	253.3	5.6	258.9	258.1	(0.80)			
B-LG	80,345	1,564.9	34.9	1,599.8	1,600.6	0.79			
	83,123	1,818.2	40.5	1,858.7	1,858.7	(0.00)	40.5	0.049	2.23%
EOL	11,371	2,149.1	47.9	2,197.0	2,197.0	(0.01) 0.00			
OL	17,130	4,441.1	98.9	4,540.1	4,540.1	0.00			
	28,501	6,590.2	146.8	6,737.1	6,737.1	(0.01)	146.8	0.515	2.23%
Total Retail	7,954,422	\$ 417,434.2	\$ 9,300.0	\$ 426,734.2	\$ 426,733.8	(0.32) \$	9,299.7	0.117	2.23%
				Distribution Target	\$ 426,734.2	Line 15			
				Difference	\$ (0.3)	Line 55,	Col. F - Line 57, Col. F		

Public Service Company of New Hampshire d/b/a Eversource Energy Docket No. DE 19-057 Attachment MBP/EAD-2 April 29, 2022 Page 7 of 50

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SUMMARY OF CURRENT AND PROPOSED DISTRIBUTION RATES

11		SUMMARY OF CURRENT AND I	PROPOSEL	ווטפואופוטוו	JN KA	E5		
12 13 14 Rate		Blocks		Current Rates 02/01/22)		Proposed Rates 08/01/22)	Percent Change	
15	Б		•	40.04	•	40.04	0.000/	
16 17	R	Customer charge All KWH	\$	13.81 0.05196	\$	13.81 0.05363	0.00% 3.21%	
18		All KVVII		0.05196		0.05363	3.21%	
19	Uncontrolled							
20	Water	Meter charge	\$	4.87	\$	4.87	0.00%	
21	Heating	All KWH		0.02404		0.02519	4.78%	
22								
23	Controlled		4		_		/	
24	Water	Meter charge	\$	4.87	\$	4.87	0.00%	
25 26	Heating	All KWH		0.02404		0.02519	4.78%	
20 27								
28	R-OTOD	Customer charge	\$	32.08	\$	32.08	0.00%	
29		ouctomer change	•	02.00	*	02.00	0.0070	
30		On-peak KWH	\$	0.15095	\$	0.15263	1.11%	
31		Off-peak KWH		0.00818		0.00986	20.54%	
32								
33	0	0: 1 1	•	10.01	•	40.04	0.000/	
34 35	G	Single phase customer charge Three phase customer charge	\$	16.21	\$	16.21	0.00%	
36		Three phase customer charge		32.39		32.39	0.00%	
37		Load charge (over 5 KW)	\$	11.69	\$	12.24	4.70%	
38			•		*		• 70	
39		First 500 KWH	\$	0.02820	\$	0.02820	0.00%	
40		Next 1,000 KWH		0.02283		0.02283	0.00%	
41		All additional KWH		0.01724		0.01724	0.00%	
42								
43 44	Cnass	Mataraharaa	œ.	3.24	æ	3.24	0.00%	
44 45	Space Heating	Meter charge All KWH	\$	3.24 0.04135	\$	3.24 0.04235	2.42%	
46	ricating	All IXVVII		0.04100		0.04233	2.42 /0	
47								
48	G-OTOD	Single phase customer charge	\$	41.98	\$	41.98	0.00%	
49		Three phase customer charge		60.00		60.00	0.00%	
50								
51		Load charge	\$	15.12	\$	15.67	3.64%	
52		On neak KIMI I		0.05350		0.05350	0.00%	
53 54		On-peak KWH Off-peak KWH		0.05350 0.00851		0.05350	0.00%	
5 5		Oll-peak KWIII		0.00031		0.00031	0.00 /0	
56								
57	LCS	Radio-controlled option	\$	6.99	\$	6.99	0.00%	
58		8, 10 or 11-hour option		4.87		4.87	0.00%	
59		Switch option		4.87		4.87	0.00%	
60		Dadia application	Φ.	0.04004	•	0.04050	E 440/	
61 62		Radio-controlled option	\$	0.01284 0.02404	\$ ¢	0.01350 0.02470	5.14% 2.75%	
63		8-hour option 10 or 11-hour option		0.02404	\$ \$	0.02470	2.75%	
30		.o or it floor option		5.02-70 - 7	Ψ		0057	
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SUMMARY OF CURRENT AND PROPOSED DISTRIBUTION RATES

12 13 14 15	Rate	Blocks		Current Rates 02/01/21)		Proposed Rates 08/01/22)	Percent Change
16 17 18	GV	Customer charge	\$	211.21	\$	211.21	0.00%
19 20 21		First 100 KW All additional KW	\$	6.98 6.72	\$ \$	7.21 6.95	3.30% 3.42%
22 23 24		First 200,000 KWH All additional KWH	\$	0.00663 0.00590	\$	0.00663 0.00590	0.00% 0.00%
25 26		Minimum Charge	\$	1,062.00	\$	1,062.00	0.00%
27 28	LG	Customer charge	\$	660.15	\$	660.15	0.00%
29 30		Demand charge	\$	5.92	\$	6.11	3.19%
31 32 33		On-peak KWH Off-peak KWH	\$	0.00559 0.00473	\$	0.00559 0.00473	0.00% 0.00%
34 35		Minimum Charge	\$	1,126.00	\$	1,126.00	0.00%
36 37		Discount for Service at 115kV	\$	(0.51)	\$	(0.51)	0.00%
38 39 40	B Service at less than	Administrative charge Translation charge	\$	372.10 62.42	\$	372.10 62.42	0.00% 0.00%
41 42	115 KV	Demand charge	\$	5.43	\$	5.57	2.52%
43 44		All KWH	E	nergy charges in	the stan	dard rate	
45 46 47	B Service at 115 KV	Administrative charge Translation charge	\$	372.10 62.42	\$	372.10 62.42	0.00% 0.00%
48 49	or higher	Demand charge		Not app	plicable		
50		All KWH		Not app	plicable		

SUMMARY OF CURRENT AND PROPOSED DISTRIBUTION RATES

Outdoor Lighting Service Rate OL

15 16					urrent		pposed	
17		Lumana	\\/atta		ates		Rates /01/22)	Percent
18 19	-	Lumens	Watts	(02)	/01/22)	(08	101122)	<u>Change</u>
20								
21	For new and existing installations							
22	High Pressure Sodium	4,000	50	\$	15.59	\$	15.94	2.23%
23	-	5,800	70		15.59		15.94	2.23%
24		9,500	100		20.73		21.20	2.23%
25		16,000	150		29.32		29.98	2.23%
26		30,000	250		30.05		30.72	2.23%
27		50,000	400		30.39		31.06	2.23%
28 29		130,000	1,000		48.76		49.85	2.23%
30	Metal Halide	5,000	70		16.26		16.62	2.23%
31		8,000	100		22.26		22.76	2.23%
32		13,000	150		30.54		31.22	2.23%
33		13,500	175		31.19		31.89	2.23%
34		20,000	250		31.19		31.89	2.23%
35		36,000	400		31.48		32.18	2.23%
36 37		100,000	1,000		47.19		48.24	2.23%
38	Light Emitting Diode (LED)	2,500	28		10.29		10.52	2.23%
39		4,100	36		10.27		10.50	2.23%
40		4,800	51		10.44		10.67	2.23%
41		8,500	92		11.47		11.73	2.23%
42		13,300	142		12.67		12.96	2.23%
43 44		24,500	220		15.89		16.25	2.23%
45	For existing installations only							
46	Incandescent	600	105		8.98		9.18	2.23%
47		1,000	105		10.03		10.25	2.23%
48		2,500	205		12.86		13.15	2.23%
49 50		6,000	448		22.10		22.59	2.23%
51	Mercury	3,500	100		13.75		14.06	2.23%
52		7,000	175		16.55		16.92	2.23%
53		11,000	250		20.46		20.91	2.23%
54		15,000	400		23.40		23.92	2.23%
55		20,000	400		25.26		25.83	2.23%
56 57		56,000	1,000		40.16		41.05	2.23%
58 59	Fluorescent	20,000	330		34.27		35.03	2.23%
60	High Pressure Sodium in existing me	rcury luminair	es					
61	_	12,000	150		21.45		21.92	2.23%
62		34,200	360		27.45		28.06	2.23%

Summary of Revenues by Type and Class

	Current Revenues											
	Distribution	Transmission	SCRC	SBC	RRA	Energy	Total					
Rate R	236,433,440	95,781,754	14,401,853	23,363,704	(1,006,243)	335,487,699	704,462,207					
Rate R CWH	27,658	12,845	2,500	4,047	(98)	58,117	105,069					
Rate R UWH	4,722,027	2,178,117	423,061	686,319	(16,627)	9,855,103	17,848,000					
Rate R LCS	781,152	867,199	168,806	273,252	(6,619)	3,923,726	6,007,516					
Rate R OTOD	40,643	10,803	3,466	3,429	(74)	49,240	107,507					
Rate R	242,004,920	98,850,718	14,999,686	24,330,751	(1,029,661)	349,373,885	728,530,299					
Rate G	100,361,807	49,398,204	7,711,551	12,748,559	(406,092)	183,061,068	352,875,097					
Rate G CWH	-	-	-	-	-	-	-					
Rate G UWH	155,486	79,684	35,145	25,108	(608)	360,538	655,353					
Rate G LCS	76,055	106,343	7,712	33,508	(812)	481,159	703,965					
Rate G Space	241,682	154,833	35,437	40,507	(1,036)	581,659	1,053,082					
Rate G OTOD	209,119	55,949	4,379	6,360	(1,080)	91,323	366,050					
Rate G	101,044,149	49,795,013	7,794,224	12,854,042	(409,628)	184,575,747	355,653,547					
Rate GV	43,649,668	44,647,900	5,289,630	12,396,614	(169,974)	188,468,581	294,282,419					
Rate LG	24,145,189	30,355,925	5,503,851	9,308,181	(72,457)	91,340,443	160,581,132					
Rate OL/EOL	6,590,241	590,669	343,282	211,765	(1,684,585)	3,040,810	9,092,182					
TOTAL -	417,434,167	224,240,225	33,930,673	59,101,353	(3,366,305)	816,799,466	1,548,139,579					

	Proposed Revenues											
	Distribution	Transmission	SCRC	SBC	RRA	Energy	Total					
Rate R	241,684,771	95,781,754	14,401,853	23,363,704	(1,006,243)	335,487,699	709,713,538					
Rate R CWH	28,285	12,845	2,500	4,047	(98)	58,117	105,696					
Rate R UWH	4,828,254	2,178,117	423,061	686,319	(16,627)	9,855,103	17,954,227					
Rate R LCS	805,425	867,199	168,806	273,252	(6,619)	3,923,726	6,031,789					
Rate R OTOD	41,418	10,803	3,466	3,429	(74)	49,240	108,282					
Rate R	247,388,153	98,850,718	14,999,686	24,330,751	(1,029,661)	349,373,885	733,913,532					
Rate G	102,595,312	49,398,204	7,711,551	12,748,559	(406,092)	183,061,068	355,108,602					
Rate G CWH	-	-	-	-	-	-	-					
Rate G UWH	159,373	79,684	35,145	25,108	(608)	360,538	659,240					
Rate G LCS	79,031	106,343	7,712	33,508	(812)	481,159	706,941					
Rate G Space	247,134	154,833	35,437	40,507	(1,036)	581,659	1,058,534					
Rate G OTOD	215,060	55,949	4,379	6,360	(1,080)	91,323	371,991					
Rate G	103,295,910	49,795,013	7,794,224	12,854,042	(409,628)	184,575,747	357,905,308					
Rate GV	44,628,822	44,647,900	5,289,630	12,396,614	(169,974)	188,468,581	295,261,573					
Rate LG	24,683,905	30,355,925	5,503,851	9,308,181	(72,457)	91,340,443	161,119,848					
Rate OL/EOL	6,737,059	590,669	343,282	211,765	(1,684,585)	3,040,810	9,239,000					
TOTAL -	426,733,849	224,240,225	33,930,673	59,101,353	(3,366,305)	816,799,466	1,557,439,261					

9,299,682
Note: Immaterial differences due to rounding.

Source of data is MBP/EAD-2, pages 12 through 21

Public Service Company of New Hampshire 2 d/b/a Eversource Energy 3 Docket No. DE 19-057 Attachment MBP/EAD-2 5 April 29, 2022 6 Page 11 of 50 7 Comparison of Current vs Proposed 8 Permanent Rates 10 Rate R - Residential Electric Service 11 12 (B) $(C) = (A) \times (B)$ $(E) = (A) \times (D)$ (F) = (E) - (C)(G) = (F) / (C)(D) (A) Billing Current Proposed Proposed vs. Current 13 Current Proposed Difference % Chg 14 Determinants Rate Revenues Rate Revenues Customer Charge 15 5 289 264 16 **Customer Charge** \$ 13 81 \$ 73.044.736 \$ 13 81 \$ 73 044 736 \$ 0.00% 17 18 Energy Charge All kWh 3,144,509,315 19 0.05196 \$ 163,388,704 0.05363 \$ 168,640,035 5,251,331 3.21% Distribution 20 Transmission 0.03046 95,781,754 0.03046 95,781,754 0.00% Stranded Cost Recovery Charge 21 0.00458 14,401,853 0.00458 14,401,853 0.00% 23.363.704 22 System Benefits Charge 0.00743 23,363,704 0.00743 0.00% 23 Regulatory Reconciliation Adjustment (0.00032)(1.006.243) (0.00032)(1.006.243) 0.00% 335,487,699 24 0.10669 335,487,699 0.10669 **Energy Service Charge** 0.00% 25 26 Distribution Impact Only 0.07519 \$ 236,433,440 \$ 0.07686 \$ 241,684,771 \$ 5,251,331 2.22% \$ 0.75% 27 Total Change 0.22403 \$ 704,462,207 \$ 0.22570 \$ 709,713,538 5,251,331 28 29 30 Rate R - Residential Uncontrolled Water Heating 31 32 **Customer Charge** 33 513,638 \$ 4.87 2,501,419 4.87 2,501,419 0.00% **Customer Charge** 34 35 Energy Charge All kWh 92,371,389 36 Distribution 0.02404 2,220,608 0.02519 2,326,835 106,227 4.78% 37 Transmission 0.02358 2,178,117 0.02358 2,178,117 0.00% 38 Stranded Cost Recovery Charge 0.00458 423,061 0.00458 423,061 0.00% 39 System Benefits Charge 0.00743 686,319 0.00743 686,319 0.00% 40 Regulatory Reconciliation Adjustment (0.00018)(16.627) (0.00018)(16.627)0.00% Energy Service Charge 0.10669 0.10669 0.00% 41 9,855,103 9,855,103 42 43 Distribution Impact Only 0.05112 4,722,027 0.05227 4,828,254 106,227 \$ 2.25% 44 Total Change 0.19322 \$ 17,848,000 \$ 0.19437 17,954,227 \$ 106,227 0.60% 45 46 47 Rate R - Residential Controlled Water Heating 48 49 **Customer Charge** 2,990 4.87 14,563 4.87 14,563 0.00% 50 Customer Charge \$ \$ \$ \$ 51 52 Energy Charge All kWh 544.730 53 Distribution 0.02404 13,095 0.02519 13,722 627 4.78% 54 Transmission 0.02358 12.845 0.02358 12.845 0.00% 55 Stranded Cost Recovery Charge 0.00459 2 500 0.00459 2 500 0.00% 56 System Benefits Charge 0.00743 4,047 0.00743 4.047 0.00% 57 Regulatory Reconciliation Adjustment (0.00018)0.00% (0.00018) (98)58 58,117 0.10669 **Energy Service Charge** 0.10669 58,117 0.00% 59 60 Distribution Impact Only 0.05077 27,658 0.05192 28,285 \$ 627 2.27% Total Change 0.19288 105,069 0.19403 105,696 627 0.60%

Public Service Company of New Hampshire d/b/a Eversource Energy 3 4 Docket No. DE 19-057 Attachment MBP/EAD-2 April 29, 2022 6 Page 12 of 50 8 Comparison of Current vs Proposed Permanent Rates 11 Rate R - Load Control Service, Radio Controlled (G) = (F) / (C) $(E) = (A) \times (D)$ (F) = (E) - (C)12 (B) $(C) = (A) \times (B)$ (D) 13 Current Billing Current Proposed Proposed Proposed vs. Current 14 Determinants Rate Revenues Rate Difference % Chg Revenues 15 Customer Charge 41.348 \$ 289.020 0.00% 16 Customer Charge 6.99 \$ 289.020 \$ 6.99 \$ \$ 17 36.095.933 18 **Energy Charge All kWh** 0.01284 463,472 0.01350 487,295 23,823 5.14% 19 Distribution 20 0.02358 851,142 0.02358 851,142 0.00% 21 22 Stranded Cost Recovery Charge System Benefits Charge 0.00459 165.680 0.00459 165,680 0.00% 0.00743 0.00% 268,193 0.00743 268,193 23 Regulatory Reconciliation Adjustment 0.00% 24 **Energy Service Charge** 0.10669 3.851.075 0.10669 3,851,075 0.00% 25 26 Distribution Impact Only 0.02085 752,492 0.02151 776.315 23 823 3.17% 27 \$ 5.882.085 5.905.908 Total Change 0.16296 0.16362 23.823 0.41% 28 29 30 Rate R - Load Control Service, 8 Hour Switch 31 32 **Customer Charge** 33 Customer Charge 145 4.87 704 4.87 704 0.00% 34 35 Energy Charge All kWh 44,152 36 Distribution 0.02404 1,061 0.02470 1,091 \$ 30 2.75% Transmission 37 0.02358 1.041 0.02358 1.041 0.00% 38 Stranded Cost Recovery Charge 0.00459 203 0.00459 203 0.00% System Benefits Charge 39 0.00743 328 0.00743 328 0.00% Regulatory Reconciliation Adjustment 40 (0.00018)(8) (0.00018)(8) 0.00% Energy Service Charge 0.10669 4,711 0.10669 4,711 0.00% 42 43 Distribution Impact Only 0.03998 \$ 1,765 0.04066 1,795 30 1.70% 44 8,040 **Total Change** 0.18210 8.070 0.37% 45 46 47 Rate R - Load Control Service, 8 Hour No Switch 48 49 **Customer Charge** 50 Customer Charge 1.249 \$ 4.87 \$ 6.084 4.87 \$ 6.084 0.00% 51 52 357.451 **Energy Charge All kWh** 53 0.02404 8,593 0.02470 8,829 236 2.75% Distribution Transmission 0.02358 8,429 0.02358 8,429 0.00% 55 Stranded Cost Recovery Charge 0.00459 1.641 0.00459 1.641 0.00% System Benefits Charge 0.00743 0.00743 0.00% 56 2.656 2.656 57 Regulatory Reconciliation Adjustment (0.00018 (0.00018) 0.00% 38,136 58 **Energy Service Charge** 0.10669 0.10669 38,136 0.00% 0.04106 60 Distribution Impact Only \$ 14 677 0.04172 14 913 \$ 236 1 61% \$ 61 Total Change \$ 0.18317 \$ 65.475 0.18383 \$ 65,711 236 0.36% 62 Rate R - Load Control Service, 10/11 Hour Switch 65 66 **Customer Charge** 67 60 \$ 292 4.87 292 0.00% Customer Charge \$ 4.87 \$ 68 69 Energy Charge All kWh 13,784 70 0.02404 331 0.02470 340 2.75% 71 Transmission 0.02358 325 0.02358 325 0.00% Stranded Cost Recovery Charge 0.00459 63 0.00459 63 0.00% 72 73 System Benefits Charge 0.00743 102 0.00743 102 0.00% 74 Regulatory Reconciliation Adjustment (0.00018)(2) (0.00018)0.00% 0.10669 75 **Energy Service Charge** 1,471 0.10669 0.00% 1,471 76 77 0.04520 Distribution Impact Only \$ \$ 623 0.04585 \$ 632 \$ 9 1.44% 78 Total Change 0.18732 2,582 0.18797 2,591 9 0.35% 79 80 81 Rate R - Load Control Service, 10/11 Hour No Switch 82 83 **Customer Charge** 84 1,070 \$ 4.87 \$ 5,211 4.87 \$ 5,211 0.00% 85 86 Energy Charge All kWh 265,564 87 Distribution 0.02404 6.384 0.02470 6.559 175 2.75% 0.02358 6.262 0.02358 88 Transmission 6.262 0.00% Stranded Cost Recovery Charge 89 0.00459 1,219 0.00459 1,219 0.00% System Benefits Charge Regulatory Reconciliation Adjustment 90 0.00743 1,973 0.00743 1,973 0.00% 91 (0.00018)0.00% 92 Energy Service Charge 0.10669 0.10669 28,333 0.00% 93 Distribution Impact Only 0.04366 11,595 0.04432 11,770 Total Change 0.18577 49,334 0.18643 49,509 175 0.35%

1										Dublic	Service	Company	of New Hampshire
2										Fublic	Service		versource Energy
3													et No. DE 19-057
4													ment MBP/EAD-2
5												71110011	April 29, 2022
6													Page 13 of 50
7													. ago .o o. oo
8				Comparison	of Curr	ent vs Prop	osed						
9						t Rates							
10				1 01	manon	r ratoo							
11	Rate R - Optional Time of Day												
12	rtate it - Optional Time of Bay	(A)		(B)	(C)	= (A) x (B)		(D)	(E)	= (A) x (D)	(F) =	(E) - (C)	(G) = (F) / (C)
13		Billing		Current		Current	-	Proposed		roposed	(1) –		vs. Current
14		Determinants		Rate		evenues		Rate		evenues	Diff	erence	% Chg
15		Determinants		Itale		evenues		Itale		evenues		erence	70 Crig
16	Customer Charge												
17	Customer Charge	466	\$	32.08	\$	14,936	\$	32.08	\$	14,936	\$	_	0.00%
18	oustomer onlarge	400	Ψ	32.00	Ψ	14,550	Ψ	32.00	Ψ	14,550	Ψ	_	0.0070
19	Energy Charge On Peak kWh	153,613											
20	Distribution	,	\$	0.15095	\$	23,188	\$	0.15263	\$	23,446	\$	258	1.11%
21	Transmission		•	0.03046	•	4,679	·	0.03046	•	4,679	•	-	0.00%
22	Stranded Cost Recovery Charge			0.00751		1,154		0.00751		1,154		-	0.00%
23	System Benefits Charge			0.00743		1,141		0.00743		1,141		-	0.00%
24	Regulatory Reconciliation Adjustment			(0.00016)		(25)		(0.00016)		(25)		-	0.00%
25	Energy Service Charge			0.10669		16,389		0.10669		16,389		-	0.00%
26													
27	Energy Charge Off Peak kWh	307,907											
28	Distribution		\$	0.00818	\$	2,519	\$	0.00986	\$	3,036		517	20.52%
29	Transmission			0.01989		6,124		0.01989		6,124		-	0.00%
30	Stranded Cost Recovery Charge			0.00751		2,312		0.00751		2,312		-	0.00%
31	System Benefits Charge			0.00743		2,288		0.00743		2,288		-	0.00%
32	Regulatory Reconciliation Adjustment			(0.00016)		(49)		(0.00016)		(49)		-	0.00%
33	Energy Service Charge			0.10669		32,851		0.10669		32,851			0.00%
34													
35	Distribution Impact Only		\$	0.08806	\$	40,643	\$	0.08974	\$	41,418	\$	775	1.91%
36	Total Change		\$	0.23294	\$	107,507	\$	0.23462	\$	108,282	\$	775	0.72%

Public Service Company of New Hampshire 2 d/b/a Eversource Energy 3 Docket No. DE 19-057 Attachment MBP/EAD-2 5 April 29, 2022 6 Page 14 of 50 8 Comparison of Current vs Proposed 9 Permanent Rates 10 11 Rate G - General Service 12 (B) $(C) = (A) \times (B)$ (D) $(E) = (A) \times (D)$ (F) = (E) - (C)(G) = (F) / (C)13 Billing Current Current Proposed Proposed Proposed vs. Current Difference 14 Determinants Rate Revenues Rate Revenues % Chg 15 16 **Customer Charge** 17 Customer Charge 1 Phase 682,271 \$ \$ 16.21 \$ 11,059,613 \$ 16.21 \$ 11,059,613 0.00% 18 Customer Charge 3 Phase 235,118 32.39 7,615,478 32.39 7,615,478 0.00% 19 20 Demand Charge >5 kW 21 4,060,918 \$ 49,705,636 22 Distribution \$ 11.69 \$ 47,472,131 \$ 12.24 2.233.505 4.70% 31,918,815 0.00% 23 Transmission 7.86 31,918,815 7.86 Stranded Cost Recovery Charge 0.53 2.152,287 24 0.00% 2.152.287 0.53 25 0.00% Regulatory Reconciliation Adjustment (406.092) (0.10)(406.092) (0.10)26 27 273,389,497 Energy Charge < 500 kWh 28 Distribution 0.02820 7,709,584 0.02820 7,709,584 0.00% \$ 29 0.02840 7,764,262 0.02840 7,764,262 0.00% Transmission 30 Stranded Cost Recovery Charge 0.00324 885,782 0.00324 885,782 0.00% 31 System Benefits Charge 0.00743 2,031,284 0.00743 2,031,284 0.00% 32 **Energy Service Charge** 0.10669 29,167,925 0.10669 29,167,925 0.00% 33 34 35 Energy Charge 501 - 1500 kWh 292.926.918 36 Distribution 0.02283 6,687,522 0.02283 6,687,522 0.00% 3,128,459 37 Transmission 0.01068 3.128.459 0.01068 0.00% Stranded Cost Recovery Charge 0.00324 38 949.083 0.00324 949.083 0.00% System Benefits Charge 0.00743 39 2.176.447 0.00743 2,176,447 0.00% 40 Energy Service Charge 0.10669 31.252.373 0.10669 31,252,373 0.00% 41 42 43 Energy Charge >1500 kWh 1,149,505,765 0.01724 19,817,479 0.01724 19,817,479 0.00% 44 Distribution 45 Transmission 0.00573 6,586,668 0.00573 6,586,668 0.00% 46 Stranded Cost Recovery Charge 0.00324 3,724,399 0.00324 3,724,399 0.00% System Benefits Charge 0.00743 0.00743 47 8,540,828 8,540,828 0.00% 48 **Energy Service Charge** 0.10669 122,640,770 0.10669 122,640,770 0.00% 49 100,361,807 Distribution Impact Only \$102,595,312 50 \$ 0.05849 \$ 0.05979 \$ 2,233,505 2.239 51 **Total Change** 0.20566 352,875,097 0.20696 \$355,108,602 2,233,505 0.63%

1 2 3 4 5										Public	: Servic	d/b/a E Docl	of New Hampshire Eversource Energy ket No. DE 19-057 Iment MBP/EAD-2 April 29, 2022 Page 15 of 50
7 8 9			(Comparison o		ent vs Propo t Rates	sed						. ago .o o. oo
10 11 12 13	Rate G - General Service Uncontrolled W	(A) Billing		(B) Current	Ì	= (A) x (B) Current	F	(D) Proposed	È	= (A) x (D) Proposed			(G) = (F) / (C) vs. Current
14 15		Determinants		Rate		levenues		Rate	R	levenues		fference	% Chg
16	Customer Charge												
17	Customer Charge	15,246	\$	4.87	\$	74,248	\$	4.87	\$	74,248	\$	-	0.00%
18	- 3	-,	•	-	•	, -	•		•	, ,	•		
19	Energy Charge All kWh	3,379,300											
20	Distribution		\$	0.02404	\$	81,238	\$	0.02519	\$	85,125	\$	3,887	4.78%
21	Transmission			0.02358		79,684		0.02358		79,684		-	0.00%
22	Stranded Cost Recovery Charge			0.01040		35,145		0.01040		35,145		-	0.00%
23	System Benefits Charge			0.00743		25,108		0.00743		25,108		-	0.00%
24	Regulatory Reconciliation Adjustment			(0.00018)		(608)		(0.00018)		(608)		-	0.00%
25	Energy Service Charge			0.10669		360,538		0.10669		360,538			0.00%
26													
27	Distribution Impact Only		\$	0.04601	\$	155,486	\$	0.04716	\$	159,373	\$	3,887	2.50%
28	Total Change		\$	0.19393	\$	655,353	\$	0.19508	\$	659,240	\$	3,887	0.59%
29													
30													
31	Rate G - General Service Controlled Wat	ter Heating											
32	0												
33	Customer Charge		•	4.07	•		•	4.07	•		•		0.000
34	Customer Charge	-	\$	4.87	\$	-	\$	4.87	\$	-	\$	-	0.00%
35	F												
36	Energy Charge All kWh	-	•	0.00404	•		•	0.00540	•		•		4.700
37	Distribution		\$	0.02404	\$	-	\$	0.02519	\$	-	\$	-	4.78%
38 39	Transmission Stranded Cost Recovery Charge			0.02358 0.00550		-		0.02358 0.00550		-		-	0.00%
39 40	System Benefits Charge			0.00550		_		0.00550		-		-	0.00%
41	Regulatory Reconciliation Adjustment			(0.00743		-		(0.00743		-		-	0.00%
42	Energy Service Charge			0.10669		-		0.10669		-		-	0.00%
43				3				3					2.007
44	Distribution Impact Only				\$	_			\$	-	\$	-	
45	Total Change				\$	_			\$	_	\$	_	

Public Service Company of New Hampshire 2 d/b/a Eversource Energy Docket No. DE 19-057 3 Attachment MBP/EAD-2 5 April 29, 2022 6 Page 16 of 50 8 Comparison of Current vs Proposed 9 Permanent Rates 10 11 Rate G - Space Heating 12 (B) $(C) = (A) \times (B)$ (D) $(E) = (A) \times (D)$ (F) = (E) - (C)(G) = (F) / (C)13 Billing Current Current Proposed Proposed Proposed vs. Current Difference 14 Determinants Rate Revenues Rate Revenues % Chg 15 16 **Customer Charge** 17 Customer Charge 5,015 \$ 3.24 16,248 \$ 3.24 \$ 16,248 \$ 0.00% 18 19 Energy Charge All kWh 5,451,861 20 0.04135 225,434 0.04235 230,886 \$ 5,452 2.42% 21 Transmission 0.02840 154,833 0.02840 154,833 0.00% 22 Stranded Cost Recovery Charge 0.00650 35.437 0.00650 35.437 0.00% 0.00743 23 System Benefits Charge 40,507 0.00743 40,507 0.00% (0.00019)24 Regulatory Reconciliation Adjustment (0.00019)0.00% (1,036)(1,036)25 Energy Service Charge 0.10669 0.10669 581.659 0.00% 581.659 26 27 0.04433 241,682 0.04533 247,134 5,452 2.26% Distribution Impact Only \$ \$ \$ 28 0.19316 \$ 1,053,082 \$ 0.19416 \$ 1,058,534 5,452 0.52% Total 29 30 Rate G - Optional Time of Day 31 32 33 **Customer Charge** Customer Charge 1 Phase 0.00% 34 199 \$ 41 98 \$ 8 354 \$ 41 98 \$ 8.354 \$ 35 \$ 0.00% Customer Charge 3 Phase 261 60.00 15.636 60.00 15.636 36 Demand Charge 37 10.801 15.67 3.64% 38 \$ 15.12 163.311 \$ 169.252 5.941 Distribution \$ \$ \$ 0.00% 39 Transmission 55.949 55.949 5.18 5.18 40 Stranded Cost Recovery Charge 0.27 2,916 0.27 2,916 0.00% 41 Regulatory Reconciliation Adjustment (0.10)(1,080)(0.10)(1,080)0.00% 42 43 Energy Charge On Peak kWh 323,044 44 Distribution 0.05350 17,283 0.05350 17,283 0.00% 45 Transmission 46 Stranded Cost Recovery Charge 0.00171 552 0.00171 552 0.00% 2,400 47 System Benefits Charge 0.00743 2,400 0.00743 0.00% 48 **Energy Service Charge** 0.10669 34,466 0.10669 34,466 0.00% 49 Energy Charge Off Peak kWh 532,915 50 51 0.00851 4 535 0.00851 4 535 0.00% Distribution 52 Transmission 0.00171 0.00171 53 Stranded Cost Recovery Charge 911 911 0.00% System Benefits Charge 54 0.00743 3,960 0.00743 3,960 0.00% 55 Energy Service Charge 0.10669 56,857 0.10669 56,857 0.00% 56 57 Distribution Impact Only 0.24431 \$ 209,119 0.25125 215,060 5,941 \$ \$ 2.84% **Total Change** 0.42765 366,050 0.43459 371,991 \$ 5,941 1.62%

Public Service Company of New Hampshire d/b/a Eversource Energy 3 4 Docket No. DE 19-057 Attachment MBP/EAD-2 April 29, 2022 6 Page 17 of 50 8 Comparison of Current vs Proposed Permanent Rates 11 Rate G - Load Control Service, Radio Controlled $(C) = (A) \times (B)$ (F) = (E) - (C)(G) = (F) / (C) $(E) = (A) \times (D)$ 12 (B) (D) 13 Current Billing Current Proposed Proposed Proposed vs. Current 14 Determinants Rate Revenues Rate Revenues Difference % Chg 15 16 **Customer Charge** 0.00% 2,298 \$ 6.99 16,063 \$ 6.99 16,063 17 Customer Charge \$ \$ \$ 18 Energy Charge All kWh 4.365.538 19 0.01284 56,054 0.01350 58,935 \$ 2,881 5.14% 20 \$ Distribution 21 Transmission 0.02358 102,939 0.02358 102,939 0.00% Stranded Cost Recovery Charge 22 0.00171 7.465 0.00171 7.465 0.00% 23 System Benefits Charge 0.00743 32,436 0.00743 32,436 0.00% 24 Regulatory Reconciliation Adjustment (0.00018)(786) (0.00018)(786) 0.00% 25 **Energy Service Charge** 0.10669 465.759 0.10669 465.759 0.00% 26 3 99% 27 Distribution Impact Only 0.01652 \$ 72 117 0.01718 \$ 74 998 \$ 2 881 \$ 28 Total Change 0.15575 \$ 679.930 \$ 0.15641 \$ 682.811 2.881 0.42% \$ 29 30 31 Rate G - Load Control Service, 8 Hour No Switch 32 33 **Customer Charge** 34 72 \$ 4.87 \$ 351 4.87 351 0.00% 35 36 Energy Charge All kWh 68,521 37 \$ 0.02404 1 647 0.02470 1.692 45 2 75% 38 Transmission 0.02358 1,616 0.02358 1,616 0.00% 39 Stranded Cost Recovery Charge 0.00171 117 0.00171 117 0.00% 40 System Benefits Charge 0.00743 509 0.00743 509 0.00% 41 Regulatory Reconciliation Adjustment (0.00018)(12)(0.00018)(12)0.00% 42 Energy Service Charge 0.10669 7,311 0.00% 0.10669 7,311 43 44 Distribution Impact Only 0.02916 \$ 1.998 0.02982 2,043 45 \$ 45 Total Change 0.16840 11,539 0.16906 \$ 11,584 45 0.39% 46 47 48 Rate G - Load Control Service, 8 Hour Switch 49 50 Customer Charge 51 **Customer Charge** 0 \$ 4 87 \$ \$ 4 87 0.00% 52 53 Energy Charge All kWh 0 54 55 Distribution \$ 0.02404 \$ 0.02470 2 75% 0.02358 0.02358 0.00% Transmission Stranded Cost Recovery Charge 0.00171 0.00171 0.00% 57 System Benefits Charge \$ 0.00743 0.00743 0.00% Regulatory Reconciliation Adjustment (0.00018)(0.00018)58 0.00% Energy Service Charge 0.00% 0.10669 60 61 Distribution Impact Only 62 Total Change \$ \$ \$ 63 64 Rate G - Load Control Service, 10/11 Hour Switch 65 67 **Customer Charge** 0 0.00% 68 Customer Charge \$ 4.87 \$ \$ 4.87 69 0 70 Energy Charge All kWh \$ 0.02404 0.02470 2.75% 71 Distribution 72 0.02358 0.02358 0.00% Transmission 73 Stranded Cost Recovery Charge \$ 0.00171 0.00171 0.00% System Benefits Charge \$ 0.00743 0.00% 74 0.00743 75 Regulatory Reconciliation Adjustment (0.00018) (0.00018) 0.00% 76 Energy Service Charge 0.10669 0.10669 0.00% Distribution Impact Only 78 \$ 79 Total Change 80 81 Rate G - Load Control Service, 10/11 Hour No Switch 82 83 84 Customer Charge \$ 117 4.87 0.00% 85 24 \$ 4.87 \$ \$ 117 Customer Charge 87 Energy Charge All kWh 75.820 0.02404 1,873 88 1.823 0.02470 \$ 50 2.75% Distribution \$ 89 0.02358 1,788 0.02358 1,788 0.00% 90 Stranded Cost Recovery Charge 0.00171 130 0.00171 130 0.00% System Benefits Charge 0.00743 0.00743 0.00% 91 563 563 92 Regulatory Reconciliation Adjustment (0.00018)(14) (0.00018)(14) 0.00% 93 **Energy Service Charge** 0.10669 8,089 0.10669 8,089 0.00% 95 Distribution Impact Only 0.02559 \$ 1.940 0.02625 1.990 50 Total Change 0.16481 12.496 0.16547 12.546 50 0.40%

									Public	Servi	d/b/a E Doc	of New Hampshir Eversource Energ ket No. DE 19-05 Iment MBP/EAD- April 29, 202 Page 18 of 5
		Con	nparison of C Permar			d						, and the second
Rate GV	(A) Billing Determinants		(B) Current Rate		= (A) x (B) Current Revenues	F	(D) Proposed Rate	F	= (A) x (D) Proposed		= (E) - (C) Proposed	(G) = (F) / (C) vs. Current % Chg
<u>Customer Charge</u>		_				_					oronoo	
Customer Charge	16,601	\$	211.21	\$	3,506,255	\$	211.21	\$	3,506,255	\$	-	0.009
Demand 1-100 kW Distribution	1,568,428	\$	6.98	\$	10,947,627	\$	7.21	\$	11,308,366	\$	360.739	3.309
Transmission			10.52		16,499,863	\$	10.52 0.45		16,499,863		-	0.00
Stranded Cost Recovery Charge Regulatory Reconciliation Adjustment			0.45 (0.04)		705,793 (62,737)	\$	(0.04)		705,793 (62,737)		-	0.00° 0.00°
Demand > 100 kW	2,667,694											
Distribution	2,007,004	\$	6.72		17,926,904	\$	6.95		18,540,473	\$	613,569	3.42
Transmission Stranded Cost Recovery Charge			10.52 0.45		28,064,141 1,200,462		10.52 0.45	:	28,064,141 1,200,462		-	0.00
Regulatory Reconciliation Adjustment			(0.04)		(106,708)		(0.04)		(106,708)		-	0.00
Minimum Charge	123	\$	1,062.00	\$	130,894	\$	1,062.00	\$	130,894	\$	_	0.00
Energy Charge 1 - 200,000 kWh	1,448,276,753			-	•			-				
Distribution	1,440,270,733	\$	0.00663	\$	9,602,075	\$	0.00663	\$	9,602,075	\$	-	0.00
Transmission Stranded Cost Recovery Charge			- 0.00202		2,925,519		0.00202		2,925,519		-	0.00
System Benefits Charge			0.00743		10,760,696		0.00743		10,760,696		-	0.00
Energy Service Charge			0.11296	1	63,597,342		0.11296	10	63,597,342		-	0.00
Energy Charge >200,000 kWh	217,399,074											
Distribution Transmission		\$	0.00590	\$	1,282,655	\$	0.00590	\$	1,282,655	\$		0.00
Stranded Cost Recovery Charge			0.00202		439,146		0.00202		439,146		-	0.00
System Benefits Charge Energy Service Charge			0.00743 0.11296	:	1,615,275 24,557,399		0.00743 0.11296	:	1,615,275 24,557,399		-	0.00
		•	0.02605			\$	-			•	074 200	
Distribution Impact Only Total Change		\$ \$	0.02605 0.17626		43,396,410 93,592,601	\$	0.02664 0.17685		44,370,718 94,566,909	\$ \$	974,308 974,308	0.33
Rate GV - Backup Service < 115 KV												
·												
Administrative Charge	108	\$	372.10	\$	40,187	\$	372.10	\$	40,187	\$	-	0.00
Translation Charge	39	\$	62.42	\$	2,434		62.42	\$	2,434	\$	-	0.00
Demand Charge	35,399											
Distribution	,	\$	5.43	\$	192,217	\$	5.57	\$	197,063	\$	4,846	2.52
Transmission Stranded Cost Recovery Charge			2.37 0.37		83,896 13,098		2.37 0.37		83,896 13,098		-	0.00
Regulatory Reconciliation Adjustment			(0.01)		(529)		(0.01)		(529)		-	0.00
Energy Charge 1 - 200,000 kWh	2,778,333											
Distribution		\$	0.00663	\$	18,420	\$	0.00663	\$	18,420	\$	-	0.00
Transmission Stranded Cost Recovery Charge			0.00202		5,612	\$ \$	0.00202		5,612		-	0.00
System Benefits Charge Energy Service Charge			0.00743 0.11296		20,643 313,840	\$ \$	0.00743 0.11296		20,643 313,840		-	0.00 0.00
			0.11290		313,040	Ψ	0.11230		313,040			0.00
Energy Charge >200,000 kWh Distribution	0	\$	0.00590	\$	_	\$	0.00590	\$	_	\$	_	0.00
Transmission		*	-	*	-	\$	-	~	-	~	-	
Stranded Cost Recovery Charge System Benefits Charge			0.00624 0.00743		-	\$ \$	0.00624 0.00743		-		-	0.00 0.00
Energy Service Charge			0.11296	_		\$	0.11296					0.00
Distribution Impact Only		\$	0.09115	\$	253,258	\$	0.09290	\$	258,104	\$	4,846	1.91
Total Change		\$	0.24828	\$	689,818	\$	0.25003	\$	694,664	\$	4,846	0.70
Rate GV - Backup Service > 115 KV												
Administrative Charge	-	\$	372.10	\$	-	\$	372.10	\$	-	\$	-	0.00
Translation Charge	-	\$	62.42	\$	-		62.42	\$	_	\$	-	0.00
Demand Charge		•										
Transmission	-		2.37		-		2.37		_		-	0.00
Stranded Cost Recovery Charge Regulatory Reconciliation Adjustment			0.37 (0.01)		-		0.37 (0.01)		-		-	0.00 0.00
			(0.01)		-		(0.01)		-		-	0.00
Energy Charge On Peak Transmission	-		_		_		-		_		_	0.00
Stranded Cost Recovery Charge			0.00202		-		0.00202		-		-	0.00
System Benefits Charge Energy Service Charge			0.00743 0.11296		-		0.00743 0.11296		-		-	0.00
												2.00
Energy Charge Off Peak	-		-		-		-		-		-	0.00
Transmission			0.00171		-		0.00171		-		-	0.00
Stranded Cost Recovery Charge			0.00742				በ በበ742					0.00
			0.00743 0.11296		-		0.00743 0.11296		-		-	
Stranded Cost Recovery Charge System Benefits Charge		\$		\$	-	\$		\$	-	\$	-	0.00

									Public	Servi	d/b/a E	of New Hampshire Eversource Energy ket No. DE 19-057
												nment MBP/EAD-2 April 29, 2022 Page 19 of 50
		C	omparison o			osed						rage 19 01 30
			Perm	nanen	t Rates							
Rate LG	(A) Billing Determinants		(B) Current Rate) = (A) x (B) Current Revenues	F	(D) Proposed Rate) = (A) x (D) Proposed Revenues	_	= (E) - (C) Proposed	(G) = (F) / (C) vs. Current % Chg
Customer Charge												
Customer Charge	1,272	\$	660.15	\$	839,711	\$	660.15	\$	839,711	\$	-	0.00%
<u>Demand</u> Distribution	2,661,538	\$	5.92	\$	15,756,305	\$	6.11	s	16,259,362	\$	503,057	3.19%
Transmission Stranded Cost Recovery Charge		Ť	10.36 0.50		27,573,534 1,330,769	Ť	10.36 0.50		27,573,534 1,330,769	Ť	-	0.00% 0.00%
Regulatory Reconciliation Adjustment	0	•	(0.02)	•	(54,905)	•	(0.02)	•	(54,905)	•	-	0.00%
Minimum Charge	0	\$ \$	1,126.00	\$ \$	-	\$ \$	1,126.00	\$	-	\$	-	0.00%
<u>Discount for above 115kV</u> Energy Charge On Peak	510,025,661	Þ	(0.51)	Þ	-	Ф	(0.51)	Þ	-	Þ	-	0.00%
Distribution Transmission	310,023,001	\$	0.00559	\$	2,851,043	\$	0.00559	\$	2,851,043	\$		0.00% 0.00%
Stranded Cost Recovery Charge System Benefits Charge Energy Service Charge			0.00393 0.00743 0.07291		2,004,401 3,789,491 37,185,971		0.00393 0.00743 0.07291		2,004,401 3,789,491 37,185,971		- - -	0.00% 0.00% 0.00%
Energy Charge Off Peak Distribution	662,413,106	\$	0.00473	\$	3,133,214	\$	0.00473	\$	3,133,214	\$	_	0.00%
Transmission Stranded Cost Recovery Charge		Ť	0.00247	Ť	1,636,160	Ť	0.00247	•	1,636,160	,	-	0.00%
System Benefits Charge Energy Service Charge			0.00743 0.07291		4,921,729 48,296,540		0.00743 0.07291		4,921,729 48,296,540		-	0.00% 0.00%
Distribution Impact Only Total Charge		\$	0.01926 0.12731		22,580,273 49,263,963	\$	0.01969 0.12774		23,083,330 49,767,020	\$	503,057 503,057	2.23% 0.34%
Rate LG - Backup Service < 115 KV												
Administrative Charge	109	\$	372.10	\$	40,633	\$	372.10	\$	40,633	\$	-	0.00%
Translation Charge	26	\$	62.42	\$	1,623		62.42	\$	1,623	\$	-	0.00%
Demand Charge	260,477											
Distribution Transmission Stranded Cost Recovery Charge		\$	5.43 2.37 0.25	\$	1,414,390 617,330 65,119	\$	5.57 2.37 0.25	\$	1,450,049 617,330 65,119	\$	35,659 -	2.52% 0.00% 0.00%
Regulatory Reconciliation Adjustment			(0.01)		(3,894)		(0.01)		(3,894)		-	0.00%
Energy Charge On Peak Distribution	6,651,595	\$	0.00559	\$	37,182	\$	0.00559	\$	37,182	\$	-	0.00%
Transmission Stranded Cost Recovery Charge System Benefits Charge Energy Service Charge			0.00393 0.00743 0.07291		26,141 49,421 484,968		0.00393 0.00743 0.07291		26,141 49,421 484,968		- - -	0.00% 0.00% 0.00% 0.00%
Energy Charge Off Peak Distribution	8,704,697	\$	0.00473	\$	41,173	\$	0.00473	\$	41,173	\$		0.00%
Transmission Stranded Cost Recovery Charge		Ÿ	0.00247	Ψ	21,501	Ÿ	0.00247	Ψ	21,501	Ÿ	-	0.00% 0.00%
System Benefits Charge Energy Service Charge			0.00743 0.07291		64,676 634,659		0.00743 0.07291		64,676 634,659		-	0.00% 0.00%
Distribution Impact Only Total Charge		\$ \$	0.09996 0.22759	\$	1,535,001 3,494,922	\$	0.10228 0.22991	\$ \$	1,570,660 3,530,581	\$	35,659 35,659	2.32% 1.02%
Rate LG - Backup Service > 115 KV												
Administrative Charge	80	\$	372.10	\$	29,915	\$	372.10	\$	29,915	\$	-	0.00%
<u>Translation Charge</u>	-	\$	62.42	\$	-		62.42	\$	-	\$	-	0.00%
<u>Demand Charge</u> Transmission	913,528		2.37	\$	2,165,061		2.37	\$	2,165,061		_	0.00%
Stranded Cost Recovery Charge Regulatory Reconciliation Adjustment			0.25 (0.01)	~	228,382 (13,658)		0.25 (0.01)	~	228,382 (13,658)		-	0.00% 0.00%
Energy Charge On Peak Transmission	21,134,611		_	\$	_		_	\$			_	0.00%
Stranded Cost Recovery Charge System Benefits Charge Energy Service Charge			0.00393 0.00743 0.07291	Φ	83,059 157,030 1,540,924		0.00393 0.00743 0.07291	ş	83,059 157,030 1,540,924		- - -	0.00% 0.00% 0.00%
Energy Charge Off Peak	43,853,801											
Transmission Stranded Cost Recovery Charge System Benefits Charge			- 0.00247 0.00743	\$	- 108,319 325,834		- 0.00247 0.00743	\$	- 108,319 325,834		- - -	0.00% 0.00% 0.00%
Energy Service Charge			0.07291		3,197,381		0.07291		3,197,381		-	0.00%
Distribution Impact Only Total Charge		\$ \$	0.00046 0.12036	\$ \$	29,915 7,822,247	\$ \$	0.00046 0.12036	\$ \$	29,915 7,822,247	\$ \$	-	0.00% 0. 60%

SUMMARY OF CURRENT AND PROPOSED DISTRIBUTION RATES

Energy Efficient Outdoor Lighting Service Rate EOL and EOL-2

10								
16					Current	F	Proposed	
17					Rates		Rates	Percent
18		Lumens	Watts	(0)2/01/22)	((08/01/22)	Change
19								
20								
21	High Pressure Sodium	4,000	50	\$	6.36		\$6.45	1.5%
22		5,800	70		6.67		6.76	1.4%
23		9,500	100		7.09		7.18	1.3%
24		16,000	150		7.75		7.84	1.2%
25		30,000	250		8.98		9.06	1.0%
26		50,000	400		10.69		10.77	0.8%
27		130,000	1,000		17.38		17.44	0.4%
28								
29	Metal Halide	5,000	70		6.69		\$6.78	1.4%
30		8,000	100		7.03		7.12	1.3%
31		13,000	150		7.76		7.85	1.2%
32		13,500	175		7.93		8.02	1.1%
33		20,000	250		8.80		8.88	1.0%
34		36,000	400		10.52		10.60	0.8%
35		100,000	1,000		17.20		17.26	0.4%
36								
37	LED's and other technologies accept	ted by the Compa	nv					
38	aa aa. taaa.ag.aa aaaap	Per fixture cha	-	\$	3.24		\$3.34	3.1%
39		Per watt chard	•	\$	0.01060	\$	0.01060	0.0%
40		i oi watt onarg	,0	Ψ	0.01000	Ψ	0.01000	0.070
41	EOL-2 LED's and other technologies	accontact by the	Company					
	LOL-2 LLD's and other technologies			œ.	0.00	Ф	0.00	
42		Per fixture cha	•	\$	2.92	\$	2.92	-
43		Per watt charg	je	\$	0.01060	\$	0.01060	-

Public Service Company of New Hampshire d/b/a Eversource Energy 3 4 5 6 Docket No. DE 19-05 Attachment MBP/EAD-2 April 29, 2022 Page 21 of 50 8 Comparison of Current vs Proposed 9 Permanent Rates 10 Rate OL - Outdoor Lighting 11 12 (B) (D) (F) = (E) - (C)(A) $(C) = (A) \times (B)$ $(E) = (A) \times (D)$ (G) = (F) / (C)13 Billing Current Proposed Current Proposed Proposed vs. Current Difference 14 Determinants Rate Revenues Rate Revenues % Chg 15 16 17.130.466 **Energy Charge All kWh** 356,656 0.02082 356,656 0.00% 17 Transmission 0.02082 18 Stranded Cost Recovery Charge 0.00683 117.001 0.00683 117.001 0.00% 0.00743 0.00743 127,279 0.00% 19 System Benefits Charge 127,279 20 Regulatory Reconciliation Adjustment (0.09800)(1,678,786) (0.09800)(1,678,786) 0.00% 21 Energy Service Charge 0.10669 1,827,649 0.10669 1,827,649 0.00% 22 0.04377 \$ 749,799 \$ 0.04377 749,799 \$ 0.009 23 24 Distribution Charge (per fixture) 25 4000 LUMEN HP SODIUM 42,792 \$ 15.59 \$ 667,211 15.94 682,076 \$ 14,865 2.23% 26 5800 LUMEN HP SODIUM 7,260 15.59 113,198 15.94 115,720 2,522 2.23% 27 9500 LUMEN HP SODIUM 10,692 20.73 221,682 21.20 226,621 4,939 2.23% 28 16000 LUMEN HP SODIUM 9,936 29.32 291,347 29.98 297,838 6,491 2.23% 29 30000 LUMEN HP SODIUM 15.480 30.05 465,193 30.72 475.557 10.364 2 23% 30 50000 LUMEN HP SODIUM 22,860 30.39 694.627 31.06 710,102 15.475 2.23% 31 130000 LUMEN HP SODIUM 3.684 48.76 179.632 49 85 183.634 4.002 2 23% 32 5000 LUMEN METAL HALIDE 2,700 16.26 43,907 16.62 44,885 978 2.23% 33 8000 LUMEN METAL HALIDE 1,608 22 26 35,794 22 76 36,592 798 2 23% 34 13000 LUMEN METAL HALIDE 30.54 31.22 2.23% 35 1.464 45.668 46.685 1.017 2.23% 13500 LUMEN METAL HALIDE 31.19 31.89 117.861 36 20000 LUMEN METAL HALIDE 3.696 31.19 115.292 31.89 2.569 2.23% 37 36000 LUMEN METAL HALIDE 5.136 161.678 32.18 165.280 3.602 2.23% 31.48 100000 LUMEN METAL HALIDE 3.216 47.19 151.762 155.143 3.381 38 48.24 2.23% 600 LUMEN INCANDESCENT 2.22% 39 1,068 9,594 9.18 9,807 213 8.98 1000 LUMEN INCANDESCENT 2.23% 40 2,844 10.03 28,517 10.25 29,152 635 41 2500 LUMEN INCANDESCENT 12.86 2.27% 617 13.15 631 14 48 6000 LUMEN INCANDESCENT 22.10 2.23% 42 22.59 43 3500 LUMEN MERCURY 59,064 812,135 830,229 2.23% 13.75 14.06 18,094 7000 LUMEN MERCURY 11,472 16.55 189.832 16.92 194.061 4.229 2.23% 45 11000 LUMEN MERCURY 684 20.46 13,993 20.91 14,305 312 2.23% 15000 LUMEN MERCURY 23.40 23.92 19 2.26% 47 20000 LUMEN MERCURY 5,088 25.26 128,545 25.83 131,409 2,864 2.23% 41.05 48 56000 LUMEN MERCURY 1,632 40.16 65,536 66,996 1,460 2.23% 49 20000 LUMEN FLUORESCENT 24 34.27 822 35.03 841 19 2.31% 50 12000 LUMEN HP SODIUM 96 21.45 2,059 21.92 2,105 46 2.23% 51 34200 LUMEN HP SODIUM 60 27.45 1,647 28.06 1,684 37 2.25% 52 Average Number of Fixtures/Month 17,720 53 54 Distribution Impact Only \$ 0.25925 \$ 4,441,130 \$ 0.26503 \$ 4.540.075 \$ 98.945 2.23% Total Charge 55 \$ 0.30302 \$ 5,190,929 \$ 0.30880 \$ 5,289,874 \$ 98.945 1.91% 56 57 58 Rate EOL - Efficient Outdoor Lighting 59 60 11,370,898 Energy Charge All kWh 61 0.02058 234,013 0.02058 234,013 0.00% 62 Stranded Cost Recovery Charge 0.01990 226.281 0.01990 226.281 0.00% 63 System Benefits Charge 0.00743 84 486 0.00743 84 486 0.00% (5.799)0.00% 64 Regulatory Reconciliation Adjustment (0.00051)(0.00051)(5.799)65 **Energy Service Charge** 0.10669 1.213.161 0.10669 1.213.161 0.00% 66 Total 1,752,142 1,752,142 \$ 0.00% 67 68 Distribution Charge (per fixture) 4000 LUMEN HP SODIUM 45,216 287,523 291,716 4,193 1.469 69 \$ 6.36 \$ \$ 6.45 70 5800 LUMEN HP SODIUM 17.439 1.38% 2.616 6.67 6.76 17.680 241 9500 LUMEN HP SODIUM 1.28% 71 4,272 7.09 30,291 30,679 7.18 388 16000 LUMEN HP SODIUM 1.15% 72 6,648 7.75 51,509 7.84 52,102 593 73 30000 LUMEN HP SODIUM 20,784 186,602 9.06 188.389 1,787 0.96% 8.98 74 50000 LUMEN HP SODIUM 1,584 10.69 16,926 10.77 17,055 129 0.76% 130000 LUMEN HP SODIUM 684 17.38 11.886 17.44 11,930 0.37% 76 5000 LUMEN METAL HALIDE 9,984 6.69 66,769 6.78 67,686 917 1.37% 8000 LUMEN METAL HALIDE 1,152 7.03 8,095 7.12 8,200 105 1.30% 13000 LUMEN METAL HALIDE 7.76 7.85 1.15% 78 79 13500 LUMEN METAL HALIDE 1,056 7.93 8,372 8.02 8,466 94 1.12% 80 20000 LUMEN METAL HALIDE 840 8.80 7,390 8.88 7,463 73 0.99% 36000 LUMEN METAL HALIDE 528 10.52 5,552 10.60 5,596 44 0.79% 81 82 100000 LUMEN METAL HALIDE 1,236 17.20 21.255 17.26 21.335 80 0.38% 83 I FDs 388.872 3.24 1,260,956 3.34 1,300,141 39,185 3.11% 84 Average Number of Fixtures/Month 40.456 85 388 872 1.289.048 86 Distribution Charge (per Watt) 87 I FDs 15 894 084 \$ 0.01060 168 546 \$ 0.01060 168 546 \$ 0.00% 88 89 Distribution Impact Only \$ 0.18900 \$ 2,149,111 \$ 0.19321 \$ 2 196 984 \$ 47.873 2.23% 90 Total Charge 0.34309 3.901.253 0.34730 3.949.126 47.873

STREET LIGHTING DISTRIBUTION RATE DESIGN

Distribution Breakout by Component

Rate EOL	11 12		Distribution Bre	eakout b	y Component
Total Fixtures					
Total Fixtures	14		Rate E	OL	
Aa - Non-LED 8,050 Ab - LED 32,406 Ab -					
Ab - LED 32,406 19 20 21 22		Total Fixtures	I		
19 20 21 22 Connected Demand KW B 2,619 23 24 Annual kWh C 11,370,898 25 26 Proposed Distribution Revenue D \$ 2,196,547 27 28 29 Distribution by Category 30 31 1) D - System Demand 32 Revenue \$ 1 \$ 332,442 33 34 Charge Per Watt J = 1/B /1000 /12 0.01058 35 36 2) D - System Customer 37 Revenue \$ M = D - Q - 1 \$1,488,536 38 39 Charge Per Fixture N = M / A \$3.07 40 41 3) D - Operations & Maintenance 42 Revenue \$ Q = R*Aa*12 + S*Ab*12 \$375,567 43 44 Charge Per Fixture Non-LED LED = 10% of Non-LED LED = 10% of Non-LED S \$0.28 49 50 51 Total D \$\$2,196,547					
20			Ab - LED		32,406
21					
22 Connected Demand KW 23 24 Annual kWh 25 26 Proposed Distribution Revenue 27 28 29 Distribution by Category 30 31 1) D - System Demand 32 Revenue \$ 34 Charge Per Watt 35 36 2) D - System Customer 37 Revenue \$ 38 39 Charge Per Fixture 40 41 3) D - Operations & Maintenance 42 Revenue \$ 44 Charge Per Fixture Non-LED 45 LED = 10% of Non-LED 46 47 4) D - Equipment 48 Revenue \$ 50 51 Total D C 11,370,898 C 11,370,89 C 1					
23		Connected Demand KW	В		2.619
24 Annual kWh C 11,370,898 25 Proposed Distribution Revenue D \$ 2,196,547 27 Distribution by Category D \$ 2,196,547 30 1) D - System Demand 32 Revenue \$ I \$ 332,442 33 34 Charge Per Watt J = I /B /1000 /12 0.01058 35 2) D - System Customer M = D - Q - I \$1,488,536 38 M = D - Q - I \$1,488,536 38 N = M / A \$3.07 40 N = M / A \$3.07 41 3) D - Operations & Maintenance Q = R*Aa*12 + S*Ab*12 \$375,567 43 Charge Per Fixture Non-LED R \$2.77 44 Charge Per Fixture Non-LED S \$0.28 46 4) D - Equipment R \$0.28 49 S \$2,196,547					_,
25 26 Proposed Distribution Revenue D \$ 2,196,547 27 28 29 <u>Distribution by Category</u> 30 31		Annual kWh	c		11,370,898
27 28 29	25				
28 29	26	Proposed Distribution Revenue	D	\$	2,196,547
29					
30 31 31 32 33 34 34 35 36 36 2) D - System Customer 37 Revenue \$ M = D - Q - I \$1,488,538 38 39 Charge Per Fixture 40 41 3) D - Operations & Maintenance 42 Revenue \$ Q = R*Aa*12 + S*Ab*12 \$375,567 43 44 Charge Per Fixture Non-LED 45 Charge Per Fixture Non-LED 46 47 49 D - Equipment 48 Revenue \$ 99 50 51 Total D \$2,196,547					
31 1) D - System Demand 32 Revenue \$ 33 J = I /B /1000 /12 34 Charge Per Watt 35 J = I /B /1000 /12 36 2) D - System Customer 37 Revenue \$ 38 M = D - Q - I 39 Charge Per Fixture 40 N = M / A 41 3) D - Operations & Maintenance 42 Revenue \$ 43 Charge Per Fixture Non-LED 44 Charge Per Fixture Non-LED 45 LED = 10% of Non-LED 46 \$0.28 47 4) D - Equipment 48 Revenue \$ 50 \$0.28 51 Total D		Distribution by Category			
32 Revenue \$ \$ 332,442 33 34 Charge Per Watt		4) D. System Demand			
33 34			ı	•	332 442
34		Nevenue ψ	l'	Ψ	332,442
35 36 2) D - System Customer 37 Revenue \$ M = D - Q - I \$1,488,538 38 39 Charge Per Fixture No-LED ACT		Charge Per Watt	J = I /B /1000 /12		0.01058
37 Revenue \$ M = D - Q - I \$1,488,538 39 Charge Per Fixture		5g	.,_,,,,,		
38 39	36	2) D - System Customer			
39 Charge Per Fixture 40 41 3) D - Operations & Maintenance 42 Revenue \$ 43 44 Charge Per Fixture Non-LED 45 LED = 10% of Non-LED 46 47 4) D - Equipment 48 Revenue \$ 9 50 51 Total D N = M / A \$3.07 R \$3.07 S 3.07 R \$2.77 R \$2.77 S \$0.28	37	Revenue \$	M = D - Q - I		\$1,488,538
40 41 3) D - Operations & Maintenance 42 Revenue \$ Q = R*Aa*12 + S*Ab*12 \$375,567 43 44 Charge Per Fixture Non-LED 45 LED = 10% of Non-LED 8 \$2.77 S \$ \$0.28 46 47 4) D - Equipment 48 Revenue \$ 49 50 51 Total D \$ \$2,196,547					
41		Charge Per Fixture	N = M / A		\$3.07
42 Revenue \$ Q = R*Aa*12 + S*Ab*12 \$375,567 43 44 Charge Per Fixture Non-LED 45 LED = 10% of Non-LED 46 47 4) D - Equipment 48 Revenue \$ 49 50 51 Total D \$ 2,196,547					
43 44					
44 Charge Per Fixture Non-LED R \$2.77 45 LED = 10% of Non-LED S \$0.28 46 47 4) D - Equipment 48 Revenue \$ 49 50 50 \$2,196,547 51 Total D \$2,196,547		Revenue \$	Q = R*Aa*12 + S*Ab*12		\$375,567
45 LED = 10% of Non-LED S \$0.28 46 47		Charge Day Fixture Non LED	D		60.77
46 47 4) D - Equipment 48 Revenue \$ 49 50 51 Total D \$2,196,547					
47 4) D - Equipment 48 Revenue \$ 49 50 51 Total D \$2,196,547		LLD - 1070 OF NOTIFIED	ľ		ψ0.20
48 Revenue \$ 49 50 51 Total D \$2,196,547		4) D - Equipment			
49 50 51 Total D \$2,196,547					
51 Total D \$2,196,547		·			
. , , , , , , , , , , , , , , , , , , ,	50				
52		Total D			\$2,196,547
	52				

Rate OL	
E Ea - Non-LED Eb - LED	17,720 17,720 -
F	3,947
G	17,130,466
н	\$ 4,540,073
K = J* F* 12* 1000	\$501,029
L = K / F	0.01058
O = N* E* 12* 1000	\$651,990
P = 0 / E	\$3.07
T = U*Ea*12 + V*Eb*12	\$589,433
U = R V = S	\$2.77 \$0.28
W = H- K- O- T	\$ 2,797,622
	\$4,540,073

Note: A, B, C, D - See MBP/EAD-3, page 25. E, F, G, H - See MBP/EAD-3, page 26. I - See Application Attachment AN-1, page 3, lines 41 and 42. R - See MBP/EAD-3, page 23, line 28. S - See MBP/EAD-3, page 23, line 30. 57 58

54

1 2 3 4 5 6 7			Public Service Company of New Hampshire d/b/a Eversource Energy Docket No. DE 19-057 Attachment MBP/EAD-2 April 29, 2022 Page 23 of 50
8	Stree	t Lighting Operations	s & Maintenance
9		Charge Boy Fiv	4
10 11		Charge Per Fix	tture
12			Source
13			
14	Test Year Street Lighting O & M	\$965,000	A = MBP/EAD-3, page 24, line 26
15			
16	Non-LED Fixtures		
17	Rate EOL	8,050	B = MBP/EAD-3, page 22, line 17
18	Rate OL	17,720	C = MBP/EAD-3, page 22, line 17
19	Total Non-LED	25,770	D = B + C
20			
21	LED Fixtures		
22	Rate EOL	32,406	E = MBP/EAD-3, page 2, line 18
23	Rate OL	-	F = MBP/EAD-3, page 22, line 18
24	Total LED	32,406	G = E + F
25			
26	Average Cost Per Fixture	\$2.77	H = A / (D+G*10%) / 12
27			
28	Non-LED Monthly Charge Per Fixture	\$2.77	I = H
29 30	LED Monthly Charge Per Fixture	\$0.28	J = H * 10%

Public Service Company of New Hampshire
d/b/a Eversource Energy
Docket No. DE 19-057
Attachment MBP/EAD-2
April 29, 2022
Page 24 of 50

Street Lighting Operations & Maintenance Expense

	Distr	ribution Expense *	
•	<u>Operation</u>	<u>Maintenance</u>	<u>Total</u>
Supervision and Engineering	444	2	446
Street Lighting	519	52	571
Other	67	277	345
Total Distribution Expense	1,031	331	1,362
	Stree	t Lighting Expense	
•	<u>Operation</u>	<u>Maintenance</u>	<u>Total</u>
Derived Supervision and Engineering	393	0	393
Street Lighting	519	52	571
Total Distribution Expense	912	53	965

te * See Rate Case Application Attachment AN-1, page 10

Street Lighting EOL- Efficient Outdoor Lighting

Unbundled Rate Calculation

13	High Press	ure Sodium																						
14 TY Fixtures Connected kWh per Fixture Annual kWh								Current	Distribution						Proposed Distribution Unbundled (A)				_					
15			All	Mid-		Demand	All	Mid-	All	Mid-				New Start		ution Bundle		Customer		Demand (Monthly	Annual	
16		Lumens	Night	night	Total	KW	Night	night	Night	<u>night</u>	Total	Rate	Revenue	2.23%	Rate	Revenue	% Chg	3.07		0.01058	\$2.77	Rate	Revenue	% Chg
17	58	4,000	3,753	15	3,768	219	252	117	945,756	1,755	947,511	\$6.36	\$ 287,523	\$0.14	\$6.50 \$,	2.2%	\$3.07		\$ 0.61	\$2.77	\$6.45		1.5%
18	87	5,800	218		218	19	376		81,968		81,968	6.67	17,439	\$0.15	\$6.81	17,828	2.2%	3.07	8,021	0.92	2.77		\$ 17,680	1.4%
19	127	9,500	356		356	45	550		195,800		195,800	7.09	30,291	\$0.16	\$7.25	30,966	2.2%	3.07	13,099	1.34	2.77	\$7.18	\$ 30,679	1.3%
20	189	16,000	554	-	554	105	821	379	454,834	-	454,834	7.75	51,509	\$0.17	\$7.92	52,657	2.2%	3.07	20,384	2.00	2.77		\$ 52,102	1.2%
21	305	30,000	1,731	1	1,732	528	1326	614	2,295,306	614	2,295,920	8.98	186,602	\$0.20	\$9.18	190,759	2.2%	3.07	63,727	3.23	2.77	\$9.06	\$ 188,389	1.0%
22	466	50,000	132		132	62	2026		267,432		267,432	10.69	16,926	\$0.24	\$10.92	17,303	2.2%	3.07	4,857	4.93	2.77	\$10.77	\$ 17,055	0.8%
23	1097	130,000	57		57	63	4765		271,605		271,605	17.38	11,886	\$0.39	\$17.76	12,151	2.2%	3.07	2,097	11.60	2.77	\$17.44	\$ 11,930	0.4%
24																								
25																								
26	Metal Halio	<u>le</u>																						
27	89	5,000	832		832	74	386		321,152		321,152	6.69	\$ 66,769	\$0.15	6.84 \$	68,257	2.2%	3.07	30,613	0.94	2.77	\$6.78	\$ 67,686	1.4%
28	121	8,000	96		96	12	527		50,592		50,592	7.03	8,095	\$0.16	7.18	8,275	2.2%	3.07	3,532	1.28	2.77	\$7.12	\$ 8,200	1.3%
29	190	13,000	-		-	-	825		-		-	7.76	-	\$0.17	7.93	-		3.07	-	2.01	2.77	\$7.85	\$ -	1.1%
30	206	13,500	88		88	18	896		78,848		78,848	7.93	8,372	\$0.18	8.10	8,559	2.2%	3.07	3,238	2.18	2.77	\$8.02	\$ 8,466	1.1%
31	288	20,000	70		70	20	1251		87,570		87,570	8.80	7,390	\$0.20	8.99	7,555	2.2%	3.07	2,576	3.05	2.77	\$8.88	\$ 7,463	1.0%
32	450	36,000	44		44	20	1956		86,064		86,064	10.52	5,552	\$0.23	10.75	5,676	2.2%	3.07	1,619	4.76	2.77	\$10.60	\$ 5,596	0.8%
33	1080	100,000	103		103	111	4692		483,276		483,276	17.20	21,255	\$0.38	17.58	21,728	2.2%	3.07	3,790	11.42	2.77	\$17.26	\$ 21,335	0.4%
34																								
35																								
36	Light Emit	ing Diodes (LE	D)																					
37																								
38		Various	32,367	39	32,406						_	\$3.24	\$ 1,260,956	\$0.07	3.31 \$	1,289,048	2.2%	3.07	1,192,346		0.28	\$3.34	\$ 1,300,141	3.1%
39																								
40		Demand	1,321,662	2,845	1,324,507	1,325	4345	2005	5,742,621	5,704	5,748,326	\$0.01058	168,111	\$0.00024	0.01081	171,857	2.2%						\$ 168,111	0.0%
41	Total EOL		40,401	55	40,456	2,619			11,362,824	8,073	11,370,898		\$ 2,148,677		\$	2,196,547			1,488,538				\$ 2,196,547	2.2%
42			•																					
43	Note:	A - Distribution																						
44			Customer - See																					
45			Demand - See N																					
46		(O&M - See MBF	-/EAD-3	, page 22, lin	e 44 & 45																		

Street Lighting Rate OL - Outdoor Lighting

Unbundled Rate Calculation

10 11											U	nbundled Rate	Calculation											
12																								
13 14	High Pressure Connected	Sodium	All	erage Fi	xtures	Annual kWh p	per Fixture Mid	Connected Demand		Annual kWh		Current E Monthly		New Start	Distri	bution Bundled		Cust	Prop Demand	osed Distr	ribution Ur Equip	Monthly	Annual	
15	Watts	Lumens	Night	Night	Total	Night	Night	KW.	All Night	Midnight	Total	Rate	Annual Revenue	2.23%	Rate	Revenue	% Chg	3.07	0.01058	\$2.77	ment_	Rate	Revenue	% Chg
16		4,000	3,566	-	3,566	252	117	207	898,632	-	898,632		\$ 667,211	\$0.35	\$15.94 \$	682,076	2.2%	\$3.07	\$0.61	\$2.77	\$9.49	\$15.94 \$		2.2%
17	87	5,800	605	_	605	376	174	53	227,480	_	227,480	15.59	113,198	0.35	\$15.94	115,720	2.2%	3.07	0.92	2.77	9.18	\$15.94	115,720	2.2%
18	127	9,500	889	2	891	550	255	113	488,950	510	489,460	20.73	221,682	0.46	\$21.20	226,621	2.2%	3.07	1.34	2.77	14.01	\$21.20	226,621	2.2%
19	189	16,000	825	3	828	821	379	156	677,325	1,137	678,462	29.32	291,347	0.65	\$29.98	297,838	2.2%	3.07	2.00	2.77	22.14	\$29.98	297,838	2.2%
20	305	30,000	1,289	1	1,290	1,326	614	393	1,709,214	614	1,709,828	30.05	465,193	0.67	\$30.72	475,557	2.2%	3.07	3.23	2.77	21.66	\$30.72	475,557	2.2%
21	466	50,000	1,902	3	1,905	2,026	937	888	3,853,452	2,811	3,856,263	30.39	694,627	0.68	\$31.06	710,102	2.2%	3.07	4.93	2.77	20.30	\$31.06	710,102	2.2%
22	1,097	130,000	306	1	307	4,765	2,199	337	1,458,090	2,199	1,460,289	48.76	179,632	1.09	\$49.85	183,634	2.2%	3.07	11.60	2.77	32.41	\$49.85	183,634	2.2%
23																								
24 25																								
26	89	5.000	225	_	225	386	178	20	86,850	_	86.850	16.26	\$ 43,907	0.36	\$16.62 \$	44,885	2.2%	\$3.07	\$0.94	\$2.77	\$9.84	\$16.62 \$	44,885	2.2%
27	121	8.000	133	1	134	527	243	16	70,091	243	70,334	22.26	35,794	0.50	\$22.76	36.592	2.2%	3.07	1.28	2.77	15.64	\$22.76	36,592	2.2%
28	190	13,000	-		-	825	382	-				30.54	-	0.68	\$31.22	-	2.2%	3.07	2.01	2.77	23.38	\$31.22	-	2.2%
29	206	13,500	119	3	122	896	414	25	106,624	1,242	107,866	31.19	45,668	0.69	\$31.89	46,685	2.2%	3.07	2.18	2.77	23.87	\$31.89	46,685	2.2%
30	288	20,000	305	3	308	1,251	578	89	381,555	1,734	383,289	31.19	115,292	0.69	\$31.89	117,861	2.2%	3.07	3.05	2.77	23.00	\$31.89	117,861	2.2%
31	450	36,000	422	6	428	1,956	902	193	825,432	5,412	830,844	31.48	161,678	0.70	\$32.18	165,280	2.2%	3.07	4.76	2.77	21.58	\$32.18	165,280	2.2%
32	1,080	100,000	266	2	268	4,692	2,165	289	1,248,072	4,330	1,252,402	47.19	151,762	1.05	\$48.24	155,143	2.2%	3.07	11.42	2.77	30.98	\$48.24	155,143	2.2%
33																								
34																								
35 36		2,500				122						10.29		\$0.23	\$10.52		2.2%	\$3.07	\$0.30	\$0.28	\$6.88	\$10.52		
37	36					156						10.29		\$0.23	\$10.52		2.2%	3.07	0.38	0.28	6.77	10.50		
38	51					222						10.44		\$0.23	\$10.67		2.2%	3.07	0.54	0.28	6.79	10.67		
39	92					400						11.47		\$0.26	\$11.73		2.2%	3.07	0.97	0.28	7.41	11.73		
40	142					617						12.67		\$0.28	\$12.96		2.2%	3.07	1.50	0.28	8.11	12.96		
41 42	220	24,500				956						15.89		\$0.35	\$16.25		2.2%	3.07	2.33	0.28	10.58	16.25		
43																								
44	Incandescent																							
45	105	600	89		89	456		9	40,584		40,584	8.98	\$ 9,594	0.20	\$9.18 \$	9,807	2.2%	\$3.07	\$1.11	\$2.77	\$2.23	\$9.18 \$	9,807	2.2%
46	105	1,000	237		237	456		25	108,072		108,072	10.03	28,517	0.22	\$10.25	29,152	2.2%	3.07	1.11	2.77	3.30	\$10.25	29,152	2.2%
47	205	2,500	4		4	890		1	3,560		3,560	12.86	617	0.29	\$13.15	631	2.2%	3.07	2.17	2.77	5.14	\$13.15	631	2.2%
48	448	6,000	-		-	1,947		-	-		-	22.10	-	0.49	\$22.59	-		3.07	4.74	2.77	12.02	\$22.59	-	2.2%
49 50																								
51	Mercury																							
52	117	3,500	4,922		4,922	509		576	2,505,298		2,505,298	13.75	\$ 812,135	0.31	\$14.06 \$	830,229	2.2%	\$3.07	\$1.24	\$2.77	\$6.98	\$14.06 \$	830,229	2.2%
53	205	7,000	956		956	890		196	850,840		850,840	16.55	189,832	0.37	\$16.92	194,061	2.2%	3.07	2.17	2.77	8.91	\$16.92	194,061	2.2%
54	292	11,000	57		57	1,269		17	72,333		72,333	20.46	13,993	0.46	\$20.91	14,305	2.2%	3.07	3.09	2.77	11.99	\$20.91	14,305	2.2%
55	453	15,000	3		3	1,968		1	5,904		5,904	23.40	842	0.52	\$23.92	861	2.2%	3.07	4.79	2.77	13.29	\$23.92	861	2.2%
56	453	20,000	424		424	1,968		192	834,432		834,432	25.26	128,545	0.56	\$25.83	131,409	2.2%	3.07	4.79	2.77	15.20	\$25.83	131,409	2.2%
57	1,082	56,000	136		136	4,701		147	639,336		639,336	40.16	65,536	0.89	\$41.05	66,996	2.2%	3.07	11.44	2.77	23.77	\$41.05	66,996	2.2%
58	F1																							
59 60	Fluorescent 330	20,000	2		2	1,433		1	2,866		2,866	34.27	\$ 822	0.76	\$35.03 \$	044	2.20/	\$3.07	60.40	\$2.77	\$25.70	\$35.03 \$	841	2.2%
61	330	20,000	2		2	1,433			2,000		2,000	34.27	φ 022	0.76	\$35.U3 \$	841	2.2%	\$3.07	\$3.49	\$2.77	\$25.70	\$35.U3 Ş	841	2.2%
62	HPS in Mercu	ry Luminaires																						
63	180	12,000	8		8	784		1	6,272		6,272	21.45	\$ 2,059	0.48	\$21.92 \$	2,105	2.2%	\$3.07	\$1.90	\$2.77	\$14.18	\$21.92 \$	2,105	2.2%
64	413	34,200	5		5	1,794		2	8,970		8,970	27.45	1,647	0.61	\$28.06	1,684	2.2%	3.07	4.37	2.77	17.86	28.06	1,684	2.2%
65								_		•	_		_									_		
66 67	Total OL		17,695	25	17,720			3,947	17,110,234	20,232	17,130,466	:	\$ 4,441,130		\$	4,540,073	2.2%					\$	4,540,073	2.2%

8 9 10

Note A - Distribution Components Source:
Customer - See MBP/EAD-3, page 22, line 39
Demand - See MBP/EAD-3, page 22, line 34
O&M - See MBP/EAD-3, page 22, line 44 & 45
Equipment - Non LED equals Distribution Bundled Rate minus Customer, Demand, and O&M Components
Equipment LED - See MBP/EAD-3, page 27, line 59.

2 3

Calculation of Current Installed Cost of LED Street Lighting Equipment

12						1.1	ED Equipme	nt Cal	culation				
13			8 Watts	.3	6 Watts		1 Watts		2 Watts	14	42 Watts	22	20 Watts
14			ruito						7410				
15	LABOR COST												
16													
17	<u>Hours</u>												
18	Work Tasks		1.41		1.41		1.41		1.41		1.41		1.41
19	Setup/Span		0.53		0.53		0.53		0.53		0.53		0.53
20	Travel		0.36		0.36		0.36		0.36		0.36		0.36
21	Total		2.30		2.30		2.30		2.30		2.30		2.30
22		_						_		_		_	
23	Labor Cost (Unloaded)	\$	105.30	\$	105.30	\$	105.30	\$	105.30	\$	105.30	\$	105.30
24 25	Labor Loadore												
26	<u>Labor Loaders</u> Non-Productive	\$	16.03	\$	16.03	\$	16.03	\$	16.03	\$	16.03	\$	16.03
27	Labor	\$	46.14	\$	46.14	\$	46.14	\$	46.14	\$	46.14	\$	46.14
28	Direct Engineering	\$	13.44	\$	13.44	\$	13.44	\$	13.44	\$	13.44	\$	13.44
29	Total		75.61	\$	75.61	\$	75.61	\$	75.61	\$	75.61	\$	75.61
30		•		·		·				•		·	
31	Total Labor Cost	\$	180.91	\$	180.91	\$	180.91	\$	180.91	\$	180.91	\$	180.91
32													
33													
34	EQUIPMENT COST												
35													
36	Hours		1.15		1.15		1.15		1.15		1.15		1.15
37	Rate	_ \$	32.40	\$	32.40	\$	32.40	\$	32.40	\$	32.40	\$	32.40
38	Total Equipment Cost	\$	37.31	\$	37.31	\$	37.31	\$	37.31	\$	37.31	\$	37.31
39													
40	MATERIAL COST												
41	(Fuero Meteriale Tele)	Φ.	000.00	•	070.05	•	070.05	•	200.00	•	202.00	æ	E70 EE
42 43	(From Materials Tab)	\$	288.86	\$	279.65	\$	279.65	\$	328.99	\$	383.69	\$	579.55
43	Material Loader Total Material Cost		13.25% 327.13	\$	13.25% 316.70	\$	13.25% 316.70	\$	13.25% 372.58	\$	13.25% 434.53	\$	13.25% 656.33
45	Total Material Cost	= —	027.10	<u>Ψ</u>	310.70	<u> </u>	310.70	Ψ	072.00	<u>Ψ</u>	404.00	<u> </u>	000.00
46													
47	OTHER LOADERS												
48	<u></u>												
49	Eng. & Sup.	\$	77.19	\$	77.19	\$	77.19	\$	77.19	\$	77.19	\$	77.19
50	Small Tool	\$	5.43	\$	5.43	\$	5.43	\$	5.43	\$	5.43	\$	5.43
51	AS&E	\$	2.73	\$	2.67	\$	2.67	\$	2.95	\$	3.26	\$	4.37
52	Total Other Cost	\$	85.34	\$	85.29	\$	85.29	\$	85.57	\$	85.88	\$	86.99
53													
54													
55	Total Installed Cost	\$	630.70	\$	620.22	\$	620.22	\$	676.38	\$	738.64	\$	961.55
56													
57	Annual Carrying Charge		12.73%		12.73%		12.73%		12.73%		12.73%		12.73%
58	D. M. W. O.	_		•				•		•			4
59	Per Month Charge	\$	6.69	\$	6.58	\$	6.58	\$	7.18	\$	7.84	\$	10.20

1 2 3 4 5 6 7					Pub	lic Serv	Doc	Eversou ket No. nment N Ap	Hampshire arce Energy DE 19-057 MBP/EAD-2 oril 29, 2022 ge 28 of 50
8 9			Турі	cal Bills	s by Rate Sche	dule			
10 11			Res	sidentia	al Service - Rat	e R			
12 13	(A)		(B)		(C)	(D)	= (C) - (B)	(E)	= (D) / (B)
14	(A)		(D)		(0)	(D)	– (C) - (D)	(L)	- (D) / (D)
15	USAGE		TOTAL MON	NTHLY	BILL		TOTAL BILL [DIFFER	RENCE
16 17	ENERGY		CURRENT	F	ROPOSED		AMOUNT		PERCENT
18	(kWh)								
19									
20	100	\$	33.91	\$	34.07	\$	0.17		0.49%
21	200		54.00	\$ \$ \$ \$ \$ \$ \$ \$ \$	54.34		0.33		0.62%
22	250		64.05	\$	64.47		0.42		0.65%
23	300		74.10	\$	74.60		0.50		0.68%
24	400		94.19	\$	94.86		0.67		0.71%
25	500		114.29	\$	115.13		0.83		0.73%
26	550		124.34	\$	125.26		0.92		0.74%
27	650		144.43	Þ	145.52		1.09		0.75%
28	700		154.48	\$	155.65		1.17		0.76%
29	750		164.53	\$	165.78		1.25		0.76%
30	1,000		214.77	\$ \$	216.44		1.67		0.78%
31	1,500		315.25	Þ	317.76		2.51		0.79%
32	2,000		415.73	\$	419.07		3.34		0.80%
33	2,500		516.21	\$ \$	520.39		4.18		0.81%
34 35	3,000		616.69 1018.61	\$ \$	621.70 1,026.96		5.01 8.35		0.81% 0.82%
36	5,000 7,500		1521.01	э \$	1,533.54		12.53		0.82%
37 38									
39					Current	Р	roposed	_	. ee
40 41					Rate		Rate	<u>D</u>	ifference
42	Customer Charge			\$	13.81	\$	13.81	\$	-
43	Distribution Charg	je per k	:Wh		0.05196		0.05363		0.00167
44	Transmission Cha				0.03046		0.03046		-
45	Stranded Cost Re				0.00458		0.00458		-
46	System Benefits C	•	-		0.00743		0.00743		-
47	Regulatory Reco		on Adjustment		(0.00016)		(0.00016)		-
48	Energy Service Cl		-		0.10669		0.10669		-
49									

Note: Immaterial differences due to rounding.

1 2 3 4 5 6 7 8					Pub	olic Serv	Doc	Eversource ket No. DE nment MBP April 2	Energy 19-057			
9			Турі	cal Bills	by Rate Sche	edule						
10 11 12			Residential Se	ervice - Uncontrolled Water Heating								
13	(A)		(B)		(C)	(D)	= (C) - (B)	(E) = (C))/(B)			
14 15	USAGE		TOTAL MOI	NTHLY	BILL		TOTAL BILL [OTAL BILL DIFFERENCE				
16 17	ENERGY		URRENT	PR	ROPOSED		AMOUNT	PERC	:FNT			
18	(kWh)		OTTICLITY		.01 0025		WIGGITT		<u> </u>			
19 20	100	\$	21.49	\$	21.61	\$	0.11		0.54%			
21	200	\$	38.12		38.35		0.23		0.60%			
22	300	\$	54.74		55.08		0.34		0.63%			
23	400	\$	71.36		71.82		0.46		0.64%			
24	500	\$ \$ \$	87.99		88.56		0.57		0.65%			
25	600	\$	104.61		105.30		0.69		0.66%			
26	700	\$	121.23		122.04		0.80		0.66%			
27 28	800	\$	137.85		138.77		0.92		0.67%			
29 30					Current	F	Proposed					
31					Rate	·	Rate	Differ	ence			
32	Customer Charge			\$	4.87	\$	4.87	\$				
33	Distribution Charge	per k\	Wh	*	0.02404	*	0.02519		.00115			
34	Transmission Charg				0.02358		0.02358					
35	Stranded Cost Reco				0.00458		0.00458	-				
36	System Benefits Cha	-	J		0.00743		0.00743					
0.7	D. walatawa D		A 11 ()		(0.00000)		(0.00000)					

(0.00009)

0.10669

(0.00009)

0.10669

Note: Immaterial differences due to rounding.

Regulatory Reconciliation Adjustment

Energy Service Charge

37

38

39 40

1 2 3 4 5 6 7					Pub	ilic Serv	Doc	Eversou ket No. nment N Ap	Hampshire urce Energy DE 19-057 MBP/EAD-2 oril 29, 2022 ge 30 of 50
9			Турі	cal Bills	by Rate Sche	dule			
10 11			Residential S	Service -	· Controlled W	/ater He	eating		
12 13	(A)		(B)		(C)	(D)	= (C) - (B)	(E)	= (D) / (B)
14 15	USAGE		TOTAL MOI	NTHLY	BILL		TOTAL BILL [DIFFER	RENCE
16	ENEDOV	011	DDENT	DD	00000	Δ.	MOUNT	_	FDOENT
17 18	ENERGY (kWh)		RRENT	_PR	OPOSED	A	MOUNT	<u> </u>	ERCENT
19	(KVVII)								
20	100	\$	21.49	\$	21.61	\$	0.11		0.54%
21	200		38.12		38.35		0.23		0.60%
22	300		54.74		55.09		0.34		0.63%
23	400		71.37		71.83		0.46		0.64%
24	500		87.99		88.57		0.57		0.65%
25	600		104.61		105.30		0.69		0.66%
26	700		121.24		122.04		0.80		0.66%
27 28	800		137.86		138.78		0.92		0.67%
29 30				(Current	Р	roposed		
31					Rate		Rate		ifference
32	Customer Charge			\$	4.87	\$	4.87	\$	-
33	Distribution Charg				0.02404		0.02519	\$	0.00115
34	Transmission Cha				0.02358		0.02358	\$	-
35	Stranded Cost Re		harge		0.00459		0.00459	\$	-
36	System Benefits (_			0.00743		0.00743	\$	-
37	Regulatory Recor		Adjustment		(0.00009)		(0.00009)	\$	-
38 39	Energy Service C	narge			0.10669		0.10669	\$	

Note: Immaterial differences due to rounding.

1 Public Service Company of New Hampshire 2 d/b/a Eversource Energy 3 Docket No. DE 19-057 4 Attachment MBP/EAD-2 5 April 29, 2022 6 Page 31 of 50 7 8 9 Typical Bills by Rate Schedule 10 11 Residential Service - Optional Time of Day 12 13 (A) (B) (C) (D) = (C) - (B)(E) = (D) / (B)14 15 **USAGE** TOTAL MONTHLY BILL **BILL DIFFERENCE** 16 17 **TOTAL ENERGY AMOUNT CURRENT PROPOSED** PERCENT 18 (kWh) 19 \$ \$ 20 100 52.62 \$ 52.79 0.17 0.32% 21 200 73.49 0.34 0.46% 73.16 22 250 83.43 83.85 0.42 0.50% 23 300 94.20 0.50 0.54% 93.69 24 400 114.23 114.90 0.67 0.59% 25 500 134.77 135.61 0.84 0.62% 26 750 1.26 0.68% 186.12 187.38 27 1.000 237.46 239.14 1.68 0.71% 28 1,500 0.74% 340.15 342.67 2.52 29 2,000 3.36 0.76% 442.84 446.20 30 2,500 545.53 549.73 4.20 0.77% 31 3,000 648.22 653.26 5.04 0.78% 32 5,000 1,058.99 1,067.39 8.40 0.79% 33 7,500 1,572.44 1,585.04 12.60 0.80% 34 35 36 Current Proposed 37 Rate Rate Difference \$ 38 **Customer Charge** \$ 32.08 32.08 \$ 39 40 Energy Charge On Peak kWh Distribution Charge per kWh \$ \$ 41 0.15095 \$ 0.15263 0.00168 Transmission Charge per kWh 42 0.03046 0.03046 43 Stranded Cost Recovery Charge 0.00751 0.00751 44 System Benefits Charge 0.00743 0.00743 45 Regulatory Reconciliation Adjustment (0.00016)(0.00016)46 **Energy Service Charge** 0.10669 0.10669 47 Total per On Peak kWh 0.30288 0.30456 0.00168 48 49 Energy Charge Off Peak kWh \$ \$ \$ 50 Distribution Charge per kWh 0.00818 0.00986 0.00168 51 Transmission Charge per kWh 0.01989 0.01989 52 Stranded Cost Recovery Charge 0.00751 0.00751 53 System Benefits Charge 0.00743 0.00743 54 Regulatory Reconciliation Adjustment (0.00016)(0.00016)55 Energy Service Charge 0.10669 0.10669 56 Total per Off Peak kWh 0.14954 0.15122 0.00168 57 58 % Sales On Peak 36% 36%

64%

64%

Note: Immaterial differences due to rounding.

% Sales Off Peak

59

1 Public Service Company of New Hampshire 2 d/b/a Eversource Energy 3 Docket No. DE 19-057 4 Attachment MBP/EAD-2 5 April 29, 2022 6 Page 32 of 50 7 8 9 Typical Bills by Rate Schedule 10 11 Residential Load Control Service - Radio Controlled 12 13 (A) (B) (C) (D) = (C) - (B)(E) = (D) / (B)14 **USAGE** TOTAL MONTHLY BILL **BILL DIFFERENCE** 15 16 17 **ENERGY CURRENT AMOUNT PROPOSED** PERCENT 18 (kWh) 19 \$ \$ 0.00% 20 100 22.49 22.49 \$ 21 200 38.00 38.00 0.00% 0.00 22 300 53.50 53.50 0.00 0.00% 23 400 69.01 69.01 0.00 0.00% 24 500 84.51 84.51 0.00 0.00% 25 600 100.01 100.01 0.00 0.00% 26 700 0.00% 115.52 115.52 0.00 27 800 131.02 131.02 0.00 0.00% 28 900 146.53 146.53 0.00 0.00% 29 1,000 162.03 162.03 0.00 0.00% 30 31 32 Current Proposed 33 Rate Rate Difference 34 **Customer Charge** 6.99 \$ 6.99 \$ Distribution Charge per kWh 35 0.01284 0.01284 36 Transmission Charge per kWh 0.02358 0.02358 37 Stranded Cost Recovery Charge 0.00459 0.00459 38 System Benefits Charge 0.00743 0.00743 39 Regulatory Reconciliation Adjustment (0.00009)(0.00009)

0.10669

0.10669

Note: Immaterial differences due to rounding.

Energy Service Charge

40

1 2 3 4 5 6 7					Pub	lic Serv	Dock	versou ket No. Iment N Ap	Hampshire arce Energy DE 19-057 MBP/EAD-2 oril 29, 2022 ge 33 of 50
8 9			Турі	cal Bills	by Rate Sche	dule			
10 11			Residential Lo	oad Cor	ntrol Service - 8	8 Hour	Switch		
12 13 14	(A)		(B)		(C)	(D)	= (C) - (B)	(E)	= (D) / (B)
15 16	USAGE		TOTAL MOI	NTHLY	BILL		BILL DIFF	EREN	CE
17 18	TOTAL ENERGY (kWh)	CL	JRRENT	PR	OPOSED	AI	MOUNT	P	ERCENT
19 20	100	\$	21.49	\$	21.56	\$	0.07		0.31%
21	200	*	38.12	\$	38.25	•	0.13		0.35%
22	300		54.74	\$	54.94		0.20		0.36%
23	400		71.37	\$	71.63		0.26		0.37%
24	500		87.99	\$ \$ \$	88.32		0.33		0.38%
25	600		104.61		105.01		0.40		0.38%
26	700		121.24	\$ \$	121.70		0.46		0.38%
27	800		137.86	\$	138.39		0.53		0.38%
28	900		154.49	\$	155.08		0.59		0.38%
29	1,000		171.11	\$	171.77		0.66		0.39%
30	1,200		204.36	\$	205.15		0.79		0.39%
31	1,500		254.23	\$	255.22		0.99		0.39%
32	1,800		304.10	\$	305.29		1.19		0.39%
33	2,000		337.35	\$	338.67		1.32		0.39%
34 35	2,500 3,000		420.47 503.59	\$ \$	422.12 505.57		1.65 1.98		0.39% 0.39%
36 37 38 39				ı	Current Rate	Pi	roposed Rate	D	ifference
40	Customer Charge			\$	4.87	\$	4.87	\$	-
41	Distribution Charge	ner k\∧	/h	Ψ	0.02404	Ψ	0.02470	φ \$	0.00066
42	Transmission Charge	-			0.02358		0.02470	\$	-
43	Stranded Cost Rec				0.00459		0.00459	\$	_
44	System Benefits Ch		90		0.00743		0.00743	\$	_
45	Regulatory Reconc		Adiustment		(0.00009)		(0.00009)	\$	_
46	Energy Service Cha		,		0.10669		0.10669	\$	_
47								•	

Note: Immaterial differences due to rounding.

1 Public Service Company of New Hampshire 2 d/b/a Eversource Energy 3 Docket No. DE 19-057 4 Attachment MBP/EAD-2 5 April 29, 2022 6 Page 34 of 50 7 8 9 Typical Bills by Rate Schedule 10 11 Residential Load Control Service - 8 Hour No Switch 12 (A) 13 (B) (C) (D) = (C) - (B)(E) = (D) / (B)14 15 **USAGE** TOTAL MONTHLY BILL **BILL DIFFERENCE** 16 17 **TOTAL ENERGY CURRENT PROPOSED AMOUNT** PERCENT 18 (kWh) 19 20 100 \$ 21.49 \$ 21.56 \$ 0.07 0.31% 21 200 38.12 0.13 0.35% 38.25 22 300 54.74 54.94 0.20 0.36% 23 400 71.37 71.63 0.26 0.37% 24 500 87.99 0.38% 88.32 0.33 25 600 104.61 105.01 0.40 0.38% 26 700 121.24 121.70 0.46 0.38% 27 800 137.86 138.39 0.53 0.38% 28 900 154.49 155.08 0.59 0.38% 29 1,000 171.11 171.77 0.66 0.39% 30 204.36 1,200 205.15 0.79 0.39% 31 1,500 254.23 255.22 0.99 0.39% 32 1,800 304.10 305.29 1.19 0.39% 33 2,000 337.35 338.67 1.32 0.39% 34 2.500 420.47 422.12 1.65 0.39% 35 3,000 503.59 505.57 1.98 0.39% 36 37 38 Proposed Current 39 Rate Rate Difference 40 41 **Customer Charge** \$ 4.87 \$ 4.87 42 Distribution Charge per kWh 0.02470 0.00066 0.02404 43 Transmission Charge per kWh 0.02358 0.02358 44 Stranded Cost Recovery Charge 0.00459 0.00459 45 System Benefits Charge 0.00743 0.00743 Regulatory Reconciliation Adjustment 46 (0.00009)(0.00009)47 **Energy Service Charge** 0.10669 0.10669

Note: Immaterial differences due to rounding.

1 Public Service Company of New Hampshire 2 d/b/a Eversource Energy 3 Docket No. DE 19-057 4 Attachment MBP/EAD-2 5 April 29, 2022 6 Page 35 of 50 7 8 9 Typical Bills by Rate Schedule 10 11 Residential Load Control Service - 10/11 Hour Switch 12 (A) 13 (B) (C) (D) = (C) - (B)(E) = (D) / (B)14 15 **USAGE** TOTAL MONTHLY BILL **BILL DIFFERENCE** 16 17 **TOTAL ENERGY CURRENT PROPOSED AMOUNT** PERCENT 18 (kWh) 19 20 100 \$ 21.49 \$ 21.56 \$ 0.07 0.31% 21 200 38.12 0.13 0.35% 38.25 22 300 54.74 54.94 0.20 0.36% 23 400 71.37 71.63 0.26 0.37% 24 500 87.99 0.33 0.38% 88.32 25 600 104.61 105.01 0.40 0.38% 26 700 121.24 121.70 0.46 0.38% 27 800 137.86 138.39 0.53 0.38% 28 900 154.49 155.08 0.59 0.38% 29 1,000 171.11 171.77 0.66 0.39% 30 204.36 1,200 205.15 0.79 0.39% 31 1,500 254.23 255.22 0.99 0.39% 32 1,800 304.10 305.29 1.19 0.39% 33 2,000 337.35 338.67 1.32 0.39% 34 2.500 420.47 422.12 1.65 0.39% 35 3,000 503.59 505.57 1.98 0.39% 36 37 38 Proposed Current 39 Rate Rate Difference \$ \$ 40 **Customer Charge** 4.87 4.87 41 Distribution Charge per kWh 0.02404 0.02470 0.00066 Transmission Charge per kWh 42 0.02358 0.02358 43 Stranded Cost Recovery Charge 0.00459 0.00459 44 System Benefits Charge 0.00743 0.00743 Regulatory Reconciliation Adjustment 45 (0.00009)(0.00009)**Energy Service Charge** 46 0.10669 0.10669

Note: Immaterial differences due to rounding.

1 Public Service Company of New Hampshire 2 d/b/a Eversource Energy 3 Docket No. DE 19-057 4 Attachment MBP/EAD-2 5 April 29, 2022 6 Page 36 of 50 7 8 9 Typical Bills by Rate Schedule 10 11 Residential Load Control Service - 10/11 Hour No Switch 12 (A) 13 (B) (C) (D) = (C) - (B)(E) = (D) / (B)14 15 **USAGE** TOTAL MONTHLY BILL **BILL DIFFERENCE** 16 17 **TOTAL ENERGY CURRENT PROPOSED AMOUNT** PERCENT 18 (kWh) 19 20 100 \$ 21.49 \$ \$ 0.07 0.31% 21.56 21 200 38.12 0.13 0.35% 38.25 22 300 54.74 54.94 0.20 0.36% 23 400 71.37 71.63 0.26 0.37% 24 500 87.99 0.33 0.38% 88.32 25 600 104.61 105.01 0.40 0.38% 26 700 121.24 121.70 0.46 0.38% 27 800 137.86 138.39 0.53 0.38% 28 900 154.49 155.08 0.59 0.38% 29 1,000 171.11 171.77 0.66 0.39% 30 1,200 204.36 205.15 0.79 0.39% 31 1,500 254.23 255.22 0.99 0.39% 32 1,800 304.10 305.29 1.19 0.39% 33 2,000 337.35 338.67 1.32 0.39% 34 2,500 420.47 422.12 1.65 0.39% 35 3,000 503.59 505.57 1.98 0.39% 36 37 38 Proposed Current 39 Rate Rate Difference 40 **Customer Charge** \$4.87 \$4.87 41 Distribution Charge per kWh \$0.02404 \$0.02470 0.00066 Transmission Charge per kWh 42 \$0.02358 \$0.02358 43 Stranded Cost Recovery Charge \$0.00459 \$0.00459 44 System Benefits Charge \$0.00743 \$0.00743 Regulatory Reconciliation Adjustment 45 -\$0.00009 -\$0.00009 **Energy Service Charge** 46 \$0.10669 \$0.10669 47

Note: Immaterial differences due to rounding.

 Total

Public Service Company of New Hampshire d/b/a Eversource Energy Docket No. DE 19-057 Attachment MBP/EAD-2 April 29, 2022 Page 37 of 50

								1 ago 01 01 00
		Tvr	oical Bills by R	ate Sch	nedule			
			General Servic					
		•		CIIII				
(A)	(B)		(C)		(D)	(E) :	= (D) - (C)	(F) = (E) / (C)
USAGE			TOTAL MOI	NTHLY	BILL		BILL DIFF	FERENCE
MONTHLY DEMAND	MONTHLY USE		CURRENT	Р	ROPOSED		AMOUNT	PERCENT
(KW)	(KWH)							
3	375	\$	83.23	\$	83.23	\$	-	0.00%
3	1,000		183.39		183.39		-	0.00%
6	750		164.84		165.39		0.55	0.33%
6	1,500		281.56		282.11		0.55	0.20%
12 30	1,500 6,000		403.72 1,423.11		407.57 1,436.86		3.85 13.75	0.95% 0.97%
40	10,000		2,207.07		2,226.32		19.25	0.87%
			Current	P	roposed	Б.		
0 1 01			Rate		Rate		fference	
Customer Charge		\$	16.21	\$	16.21	\$	-	
Demand Charge >5k\	Nh	•	44.00	•	10.01	•	0.55	
Distribution Transmission		\$	11.69 7.86	\$	12.24 7.86	\$ \$	0.55	
Stranded Cost Recov	ery Charge		0.86		0.86	\$	_	
Regulatory Reconcilia			(0.05)		(0.05)	\$	-	
Total		\$	20.36	\$	20.91	\$	0.55	
F 0b 1500	LAA/Is							
Energy Charge < 500 Distribution Charge pe		\$	0.02820	\$	0.02820	\$		
Transmission Charge		Ψ	0.02840	Ψ	0.02840	Ψ	_	
Stranded Cost Recov			0.00800		0.00800		_	
System Benefits Char			0.00743		0.00743		_	
Energy Service Charg			0.10669		0.10669			
Total		\$	0.17872	\$	0.17872	\$	-	
Energy Charge 501 -								
Distribution Charge pe		\$	0.02283	\$	0.02283	\$	-	
Transmission Charge			0.01068		0.01068		-	
Stranded Cost Recov System Benefits Char			0.00800		0.00800 0.00743		-	
Energy Service Charg	0		0.00743 0.10669		0.10669		<u>-</u>	
Total		\$	0.15563	\$	0.15563	\$	-	
Energy Charge >1500) kWh							
Distribution Charge pe	er kWh	\$	0.01724	\$	0.01724	\$	-	
Transmission Charge			0.00573		0.00573		-	
Stranded Cost Recov			0.00800		0.00800		-	
System Benefits Char			0.00743		0.00743		-	
Energy Service Charg	je		0.10669		0.10669		-	

0.14509

\$

0.14509

\$

Note: Immaterial differences due to rounding.

 Public Service Company of New Hampshire d/b/a Eversource Energy Docket No. DE 19-057 Attachment MBP/EAD-2 April 29, 2022 Page 38 of 50

Typical Bills by Rate Schedule

			General Servic	e 3 Ph	ase			
(A)	(B)		(C)		(D)	(E)	= (D) - (C)	(F) = (E) / (C)
	AGE		TOTAL MOI	NTHLY	BILL		BILL DIFF	ERENCE
MONTHLY DEMAND (KW)	MONTHLY USE (KWH)		CURRENT	F	PROPOSED		AMOUNT	PERCENT
3 6 6 12 30 40	375 1,000 750 1,500 1,500 6,000 10,000	\$	99.35 181.27 171.83 261.23 383.39 1,402.10 2,185.46	\$	99.41 199.57 181.57 298.29 423.75 1,453.04 2,242.50	\$	0.06 18.30 9.74 37.07 40.37 50.94 57.04	0.06% 10.09% 5.67% 14.19% 10.53% 3.63% 2.61%
		_	Current Rate		Proposed Rate		ifference	
Customer Charge		\$	32.39	\$	32.39	\$	-	
Demand Charge >	>5kWh							
Distribution		\$	11.69	\$	12.24		0.55	
Transmission	aavami Ohanna		7.86		7.86		-	
Stranded Cost Re	, ,		0.86		0.86		-	
Total	ciliation Adjustment	\$	(0.05) 20.36	\$	(0.05) 20.91		0.55	
Total		Ψ	20.00	Ψ	20.01		0.00	
Energy Charge < Distribution Charge	500kWh le per kWh	\$	0.02805	\$	0.02820	\$	0.00015	
Transmission Cha		Ψ	0.02840	Ψ	0.02840	Ψ	-	
Stranded Cost Re	• .		0.00800		0.00800		-	
System Benefits C	Charge		0.00743		0.00743		-	
Energy Service Cl	harge		0.10669		0.10669			
Total		\$	0.17857	\$	0.17872	\$	0.00015	
Energy Charge 50)1 - 1500 kWh							
Distribution Charg	e per kWh	\$	0.02268	\$	0.02283	\$	0.00015	
Transmission Cha	irge per kWh		0.01056		0.01068		0.00012	
Stranded Cost Re			0.01225		0.00800		(0.00425)	
System Benefits C	•		0.00743		0.00743		-	
Energy Service Cl	harge		0.06627		0.10669		0.04042	
Total		\$	0.11919	\$	0.15563	\$	0.03644	
Energy Charge >1	1500 kWh							
Distribution Charg		\$	0.01709	\$	0.01724	\$	0.00015	
Transmission Cha			0.00573		0.00573		-	
Stranded Cost Re	covery Charge		0.00800		0.00800		-	

0.00743

0.10669

0.14494

\$

0.00743

0.10669

0.14509

\$

0.00015

\$

Note: Immaterial differences due to rounding.

System Benefits Charge

Energy Service Charge

Total

1 Public Service Company of New Hampshire 2 d/b/a Eversource Energy Docket No. DE 19-057 3 4 Attachment MBP/EAD-2 5 April 29, 2022 6 Page 39 of 50 7 8 9 Typical Bills by Rate Schedule 10 11 General Service - Uncontrolled Water Heating 12 13 (A) (B) (C) (D) = (C) - (B)(E) = (D) / (B)14 15 **USAGE** TOTAL MONTHLY BILL TOTAL BILL DIFFERENCE 16 17 **ENERGY** CURRENT **PROPOSED** AMOUNT PERCENT 18 (kWh) 19 20 100 \$ 22.08 \$ \$ 22.19 0.12 0.52% 21 200 39.28 0.23 0.59% 39.51 22 300 56.49 56.83 0.35 0.61% 23 400 0.62% 73.69 74.15 0.46 24 500 90.90 91.47 0.58 0.63% 25 600 0.64% 108.10 108.79 0.69 26 700 125.31 126.11 0.81 0.64% 27 28 29 Current Proposed 30 Rate Rate Difference 31 **Customer Charge** 4.87 \$ 4.87 \$ 32 Distribution Charge per kWh 0.02404 0.02519 0.00115 33 Transmission Charge per kWh 0.02358 0.02358 34 Stranded Cost Recovery Charge 0.01040 0.01040 35 System Benefits Charge

0.00743

(0.00009)

0.10669

0.00743

(0.00009)

0.10669

Note: Immaterial differences due to rounding.

Regulatory Reconciliation Adjustment

Energy Service Charge

36

37

1 Public Service Company of New Hampshire 2 d/b/a Eversource Energy Docket No. DE 19-057 3 4 Attachment MBP/EAD-2 5 April 29, 2022 6 Page 40 of 50 7 8 9 Typical Bills by Rate Schedule 10 11 General Service - Controlled Water Heating 12 13 (A) (B) (C) (D) = (C) - (B)(E) = (D) / (B)14 15 **USAGE** TOTAL MONTHLY BILL TOTAL BILL DIFFERENCE 16 17 **ENERGY** CURRENT **PROPOSED** AMOUNT PERCENT 18 (kWh) 19 20 100 \$ \$ \$ 21.59 21.70 0.11 0.53% 21 200 38.30 0.23 0.60% 38.53 22 300 55.02 55.36 0.34 0.63% 23 400 0.64% 71.73 72.19 0.46 24 500 88.45 89.02 0.57 0.65% 25 600 105.16 105.85 0.69 0.66% 26 700 121.88 122.68 0.80 0.66% 27 28 29 Current Proposed 30 Rate Rate Difference 31 **Customer Charge** 4.87 \$ 4.87 \$ 32 Distribution Charge per kWh 0.02404 0.02519 0.00115 33 Transmission Charge per kWh 0.02358 0.02358 34 Stranded Cost Recovery Charge 0.00550 0.00550 35 System Benefits Charge

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0.00743

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0.10669

Note: Immaterial differences due to rounding.

Regulatory Reconciliation Adjustment

Energy Service Charge

36

37

1 Public Service Company of New Hampshire 2 d/b/a Eversource Energy 3 Docket No. DE 19-057 4 Attachment MBP/EAD-2 5 April 29, 2022 6 Page 41 of 50 7 8 9 Typical Bills by Rate Schedule 10 11 General Service Load Control Service - Radio Controlled 12 (A) 13 (B) (C) (D) = (C) - (B)(E) = (D) / (B)14 15 USAGE TOTAL MONTHLY BILL TOTAL BILL DIFFERENCE 16 17 **ENERGY CURRENT PROPOSED AMOUNT PERCENT** 18 (kWh) 19 20 100 \$ 22.59 \$ 22.65 \$ 0.07 0.29% 21 200 38.18 38.31 0.13 0.35% 22 300 53.78 53.97 0.20 0.37% 400 23 69.37 69.63 0.26 0.38% 24 500 84.97 85.30 0.33 0.39% 25 600 100.56 100.96 0.40 0.39% 26 700 116.16 116.62 0.46 0.40% 27 800 131.75 132.28 0.53 0.40% 28 900 0.40% 147.35 147.94 0.59 29 163.60 1,000 162.94 0.66 0.41% 30 31 32 Current Proposed 33 Rate Difference Rate 34 **Customer Charge** 6.99 \$ 6.99 \$ 0.00066 35 Distribution Charge per kWh 0.01284 0.01350 Transmission Charge per kWh 36 0.02358 0.02358 37 Stranded Cost Recovery Charge 0.00550 0.00550 0.00743 38 System Benefits Charge 0.00743

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0.10669

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Note: Immaterial differences due to rounding.

Regulatory Reconciliation Adjustment

Energy Service Charge

39

40

1 Public Service Company of New Hampshire 2 d/b/a Eversource Energy 3 Docket No. DE 19-057 4 Attachment MBP/EAD-2 5 April 29, 2022 6 Page 42 of 50 7 8 9 Typical Bills by Rate Schedule 10 11 General Service Load Control Service - 8 Hour Switch 12 (A) 13 (B) (C) (D) = (C) - (B)(E) = (D) / (B)14 15 USAGE TOTAL MONTHLY BILL TOTAL BILL DIFFERENCE 16 17 **ENERGY CURRENT PROPOSED AMOUNT** PERCENT 18 (kWh) 19 20 100 \$ 21.59 \$ 21.65 \$ 0.07 0.31% 21 200 38.30 38.43 0.13 0.34% 22 300 55.21 55.02 0.20 0.36% 400 23 71.73 71.99 0.26 0.37% 500 24 88.45 88.78 0.33 0.37% 25 600 105.16 105.56 0.40 0.38% 26 700 121.88 122.34 0.46 0.38% 27 800 138.59 139.12 0.53 0.38% 28 900 0.38% 155.31 155.90 0.59 29 1,000 172.02 172.68 0.66 0.38% 30 31 32 Current Proposed 33 Rate Difference Rate 34 **Customer Charge** 4.87 \$ 4.87 \$ 0.00066 35 Distribution Charge per kWh 0.02404 0.02470 36 Transmission Charge per kWh 0.02358 0.02358 **Energy Service Charge** 37 0.00550 0.00550 38 Stranded Cost Recovery Charge 0.00743 0.00743 39 Regulatory Reconciliation Adjustment (0.00009)(0.00009)

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Note: Immaterial differences due to rounding.

System Benefits Charge

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1 Public Service Company of New Hampshire 2 d/b/a Eversource Energy 3 Docket No. DE 19-057 4 Attachment MBP/EAD-2 5 April 29, 2022 6 Page 43 of 50 7 8 9 Typical Bills by Rate Schedule 10 11 General Service Load Control Service - 8 Hour No Switch 12 (A) 13 (B) (C) (D) = (C) - (B)(E) = (D) / (B)14 15 USAGE TOTAL MONTHLY BILL TOTAL BILL DIFFERENCE 16 17 **ENERGY CURRENT PROPOSED AMOUNT** PERCENT 18 (kWh) 19 20 100 \$ 21.59 \$ 21.65 \$ 0.07 0.31% 21 200 38.30 38.43 0.13 0.34% 22 300 55.21 55.02 0.20 0.36% 400 23 71.73 71.99 0.26 0.37% 500 24 88.45 88.78 0.33 0.37% 25 600 105.16 105.56 0.40 0.38% 26 700 121.88 122.34 0.46 0.38% 27 800 138.59 139.12 0.53 0.38% 28 900 0.38% 155.31 155.90 0.59 29 1,000 172.02 172.68 0.66 0.38% 30 31 32 Current Proposed 33 Rate Difference Rate 34 **Customer Charge** 4.87 \$ 4.87 \$ 0.00066 35 Distribution Charge per kWh 0.02404 0.02470 36 Transmission Charge per kWh 0.02358 0.02358 Stranded Cost Recovery Charge 37 0.00550 0.00550 38 System Benefits Charge 0.00743 0.00743

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Note: Immaterial differences due to rounding.

Regulatory Reconciliation Adjustment

Energy Service Charge

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1 Public Service Company of New Hampshire 2 d/b/a Eversource Energy 3 Docket No. DE 19-057 4 Attachment MBP/EAD-2 5 April 29, 2022 6 Page 44 of 50 7 8 9 Typical Bills by Rate Schedule 10 11 General Service Load Control Service - 10/11 Hour Switch 12 (A) 13 (B) (C) (D) = (C) - (B)(E) = (D) / (B)14 15 USAGE TOTAL MONTHLY BILL TOTAL BILL DIFFERENCE 16 17 **ENERGY CURRENT PROPOSED AMOUNT** PERCENT 18 (kWh) 19 20 100 \$ 21.59 \$ 21.65 \$ 0.07 0.31% 21 200 38.30 38.43 0.13 0.34% 22 300 55.21 55.02 0.20 0.36% 400 23 71.73 71.99 0.26 0.37% 500 24 88.45 88.78 0.33 0.37% 25 600 105.16 105.56 0.40 0.38% 26 700 121.88 122.34 0.46 0.38% 27 800 138.59 139.12 0.53 0.38% 28 900 0.38% 155.31 155.90 0.59 29 1,000 172.02 172.68 0.66 0.38% 30 31 32 Current Proposed 33 Rate Difference Rate 34 **Customer Charge** 4.87 \$ 4.87 \$ 0.00066 35 Distribution Charge per kWh 0.02404 0.02470 36 Transmission Charge per kWh 0.02358 0.02358 Stranded Cost Recovery Charge 37 0.00550 0.00550 38 System Benefits Charge 0.00743 0.00743

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Note: Immaterial differences due to rounding.

Regulatory Reconciliation Adjustment

Energy Service Charge

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1 Public Service Company of New Hampshire 2 d/b/a Eversource Energy 3 Docket No. DE 19-057 4 Attachment MBP/EAD-2 5 April 29, 2022 6 Page 45 of 50 7 8 9 Typical Bills by Rate Schedule 10 11 General Service Load Control Service - 10/11 Hour No Switch 12 (A) 13 (B) (C) (D) = (C) - (B)(E) = (D) / (B)14 15 USAGE TOTAL MONTHLY BILL TOTAL BILL DIFFERENCE 16 17 **ENERGY CURRENT PROPOSED AMOUNT** PERCENT 18 (kWh) 19 20 100 \$ 21.59 \$ 21.65 \$ 0.07 0.31% 21 200 38.30 38.43 0.13 0.34% 22 300 55.21 55.02 0.20 0.36% 400 23 71.73 71.99 0.26 0.37% 500 24 88.45 88.78 0.33 0.37% 25 600 105.16 105.56 0.40 0.38% 26 700 121.88 122.34 0.46 0.38% 27 800 138.59 139.12 0.53 0.38% 28 900 0.38% 155.31 155.90 0.59 29 1,000 172.02 172.68 0.66 0.38% 30 31 32 Current Proposed 33 Rate Difference Rate 34 **Customer Charge** 4.87 \$ 4.87 \$ 0.00066 35 Distribution Charge per kWh 0.02404 0.02470 36 Transmission Charge per kWh 0.02358 0.02358 Stranded Cost Recovery Charge 37 0.00550 0.00550 38 System Benefits Charge 0.00743

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Note: Immaterial differences due to rounding.

Regulatory Reconciliation Adjustment

Energy Service Charge

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1 Public Service Company of New Hampshire 2 d/b/a Eversource Energy 3 Docket No. DE 19-057 Attachment MBP/EAD-2 4 5 April 29, 2022 Page 46 of 50 6 8 9 Typical Bills by Rate Schedule 10 11 General Service - Optional Time of Day Single Phase 12 13 (G) = (F) - (E)14 (A) (B) (C) (D) (F) (H) = (G) / (E)(E) 15 16 TOTAL MONTHLY BILL **BILL DIFFERENCE** OFF-PEAK **MONTHLY ON-PEAK** 17 MONTHLY CURRENT USE 18 DEMAND USE USE **PROPOSED AMOUNT** PERCENT 19 (KW) (kWh) (kWh) (kWh) 20 21 12 1,500 600 900 \$ 501.12 \$ 507.72 \$ 6.60 1.32% 1,500 900 514.62 6.60 1.28% 22 12 600 521.22 0.92% 23 12 3,000 1,200 1,800 714.63 721.23 6.60 24 12 3,000 1,800 1,200 741.62 748.22 6.60 0.89% 25 30 4,500 1,800 2,700 1,296.59 1,313.09 16.50 1.27% 26 30 4,500 2,700 1,800 1,337.08 1,353.58 16.50 1.23% 30 9,000 3,600 5,400 27 1,937.10 1,953.60 16.50 0.85% 28 30 9,000 5,400 3,600 0.82% 2,018.09 2,034.59 16.50 50 3,000 29 7,500 4,500 2,133.00 2,160.50 27.50 1.29% 50 7,500 4,500 3.000 2,227.99 27.50 1.25% 30 2 200 49 31 50 15,000 6,000 9,000 3,200.52 3,228.02 27.50 0.86% 50 15,000 3,362.99 9,000 6,000 0.82% 32 3,335.49 27.50 75 11,250 4,500 6,750 1.30% 33 3,178.51 3,219.76 41.25 75 11,250 6,750 34 4,500 3,279.74 3,320.99 41.25 1.26% 35 75 22.500 9.000 13.500 4.779.79 4.821.04 41.25 0.86% 36 75 22,500 13,500 9,000 4,982.25 5,023.50 41.25 0.83% 37 38 39 Current Proposed 40 Rate Rate Difference \$ 41 Customer Charge - Single Phase 41.98 \$ 41.98 \$ 42 43 **Demand Charges** 44 Distribution \$ 15.12 \$ 15.67 \$ 0.55 45 Transmission 5.18 \$ 5.18 46 Stranded Cost Recovery 0.27 \$ 0.27 47 Regulatory Reconciliation Adjustment (0.10)(0.10)\$ 48 **Total Demand Charge** 20.47 21.02 0.55 49 50 Energy Charge On Peak kWh 51 Distribution Charge per kWh \$ 0.05350 0.05350 \$ 52 Transmission Charge per kWh 53 Stranded Cost Recovery Charge 0.00171 0.00171 System Benefits Charge 54 0.00743 0.00743 55 Energy Service Charge 0.10669 0.10669 56 Total per On Peak kWh 0.16933 0.16933 57 Energy Charge Off Peak kWh 58 59 Distribution Charge per kWh \$ 0.00851 0.00851 60 Transmission Charge per kWh 61 Stranded Cost Recovery Charge 0.00171 0.00171 62 System Benefits Charge 0.00743 0.00743 **Energy Service Charge** 0.10669 63 0.10669 64 Total per Off Peak kWh 0.12434 0.12434

Note: Immaterial differences due to rounding.

1 Public Service Company of New Hampshire 2 d/b/a Eversource Energy 3 Docket No. DE 19-057 Attachment MBP/EAD-2 4 5 April 29, 2022 Page 47 of 50 6 8 9 Typical Bills by Rate Schedule 10 11 General Service - Optional Time of Day 12 Three Phase 13 14 (A) (B) (C) (D) (F) (G) = (F) - (E)(H) = (G) / (E)(E) 15 16 TOTAL MONTHLY BILL **BILL DIFFERENCE** MONTHLY ON-PEAK **OFF-PEAK** 17 MONTHLY USE 18 DEMAND USE USE **CURRENT PROPOSED AMOUNT** PERCENT 19 (KW) (kWh) (kWh) (kWh) 20 21 12 1,500 600 900 \$ 470.54 \$ 531.16 \$ 60.62 12.88% 900 600 60.62 12.52% 22 12 1,500 484.04 544.66 18.04% 23 12 3,000 1,200 1,800 635.45 750.08 114.63 24 12 3,000 1,800 1,200 662.44 777.07 114.63 17.30% 1,347.36 25 30 4,500 1,800 2,700 1,168.81 178.55 15.28% 26 30 4,500 2,700 1,800 1,209.30 1,387.85 178.55 14.76% 30 3,600 9,000 27 5,400 1,663.52 2,004.11 340.59 20.47% 28 30 9,000 5,400 3,600 1,744.51 340.59 19.52% 2,085.10 50 3,000 297.58 15.60% 29 7,500 4,500 1,908.02 2,205.60 50 7,500 4.500 3.000 1.975.51 297.58 15.06% 30 2 273 08 31 50 15,000 6,000 9,000 2,732.54 3,300.19 567.65 20.77% 50 567.65 15,000 9,000 6.000 19.80% 32 2,867.51 3,435.16 75 11,250 4,500 6,750 446.36 15.76% 33 2,832.03 3,278.39 75 11,250 6,750 446.36 34 4,500 2,933.26 3,379.62 15.22% 35 75 22.500 9.000 13.500 4.068.81 4.920.29 851.48 20.93% 36 75 22,500 13,500 9,000 4,271.27 5,122.74 851.48 19.93% 37 38 39 Current Proposed 40 Rate Rate Difference \$ 41 Customer Charge - Three Phase \$ 60.00 60.00 \$ 42 43 **Demand Charges** 44 Distribution \$ 15.12 \$ 15.67 \$ 0.55 45 Transmission 5.18 5.18 46 Stranded Cost Recovery 0.27 0.27 47 Regulatory Reconciliation Adjustment (0.10)(0.10)48 **Total Demand Charge** 20.47 21.02 0.55 49 50 Energy Charge On Peak kWh 51 Distribution Charge per kWh \$ 0.05350 0.05350 \$ 52 Transmission Charge per kWh 53 Stranded Cost Recovery Charge 0.00532 0.00532 System Benefits Charge 54 0.00743 0.00743 55 Energy Service Charge 0.10669 0.10669 0.03601 56 Total per On Peak kWh 0.13693 0.17294 57 Energy Charge Off Peak kWh 58 59 Distribution Charge per kWh \$ 0.00851 0.00851 \$ 60 Transmission Charge per kWh 61 Stranded Cost Recovery Charge 0.00532 0.00532 62 System Benefits Charge 0.00743 0.00743 **Energy Service Charge** 0.10669 0.10669 63 64 Total per Off Peak kWh 0.09194 0.12795 0.03601

Note: Immaterial differences due to rounding.

1 2 3 4 5 6 7					Pub	ilic Serv	Doc	Eversou ket No. nment N Ap	Hampshire urce Energy DE 19-057 MBP/EAD-2 oril 29, 2022 uge 48 of 50
8 9			Typica	ıl Bills b	y Rate Schedı	ıle			
10 11			Genera	l Service	e - Space Hea	ting			
12 13 14	(A)		(B)		(C)	(D)	= (C) - (B)	(E)	= (D) / (B)
15	USAGE		TOTAL MO	NTHLY	BILL		TOTAL BILL [DIFFER	RENCE
16 17	ENERGY	CL	IRRENT	PR	OPOSED		AMOUNT		PERCENT
18	(kWh)								
19 20	100	\$	22.26	\$	22.36	\$	0.10		0.45%
21	200	•	41.28	·	41.48	•	0.20		0.48%
22	300		60.29		60.59		0.30		0.50%
23	400		79.31		79.71		0.40		0.50%
24	500		98.33		98.83		0.50		0.51%
25	600		117.35		117.95		0.60		0.51%
26 27	700		136.37		137.07		0.70		0.51%
28 29					Current	P	roposed		
30					Rate	• •	Rate	D	ifference
31	Customer Charge	Э		\$	3.24	\$	3.24	\$	-
32	Distribution Char		'h		0.04135	·	0.04235	·	0.00100
33	Transmission Cha				0.02840		0.02840		-
34	Energy Service C	• .			0.00650		0.00650		-
35	Stranded Cost Re	ecovery C	harge		0.00743		0.00743		_
36	Regulatory Recor	-	-		(0.00019)		(0.00019)		-
37 38	System Benefits		,		0.10669		0.10669 [°]		-
00									

Note: Immaterial differences due to rounding.

Public Service Company of New Hampshire d/b/a Eversource Energy Docket No. DE 19-057 Attachment MBP/EAD-2 April 29, 2022 Page 49 of 50

Typical Bills by Rate Schedule

		ıyı	pical Bills by R	ate Sci	nedule			
			Rate 0	ΒV				
(A)	(B)		(C)		(D)	(E) =	= (D) - (C)	(F) = (E) / (C)
USAGE			TOTAL MO	NTHLY	BILL		BILL DIFF	ERENCE
MONTHLY DEMAND	MONTHLY USE		URRENT	PF	OPOSED	A	MOUNT	PERCENT
(KW)	(KWH)							
75	15,000	\$	2,976.99	\$	2,969.86	\$	(7.13)	-0.249
75	30,000		4,375.14		4,368.01		(7.13)	-0.16%
150	30,000		5,729.77		5,715.51		(14.26)	-0.25%
150	60,000		8,526.07		8,511.81		(14.26)	-0.17%
300	60,000		11,222.33		11,193.81		(28.52)	-0.25%
300	120,000		16,814.93		16,786.41		(28.52)	-0.17%
500	100,000		18,545.75		18,498.21		(47.54)	-0.26%
500	200,000		27,866.75		27,819.21		(47.54)	-0.17%
1,000	200,000		36,854.29		36,759.21		(95.08)	-0.26%
1,000	400,000		55,350.29		55,255.21		(95.08)	-0.17%
			Current		Proposed			
			Rate		Rate	Di	fference	
Customer Charge		\$	211.21	\$	211.21	\$	-	
Demand 1-100 kW								
Distribution		\$	6.98	\$	7.21	\$	0.23	
Transmission		Ψ	10.52	Ψ	10.52	Ψ	-	
Stranded Cost Recove	ry Charge		0.76		0.45		(0.31)	
Regulatory Reconciliati	, ,		(0.02)		(0.04)		(0.02)	
Total	•	\$	18.24	\$	18.14	\$	(0.10)	
Demand > 100 kW								
Distribution		\$	6.72	\$	6.95	\$	0.23	
Fransmission			10.52		10.52		-	
Stranded Cost Recove	ry Charge		0.76		0.45		(0.31)	
Regulatory Reconciliati	ion Adjustment		(0.02)		(0.04)		(0.02)	
Total		\$	17.98		\$17.88	\$	(0.10)	
Energy Charge 1 - 200								
Distribution Charge per		\$	0.00663	\$	0.00663	\$	-	
Transmission Charge p			-		-		-	
Stranded Cost Recove			0.00624		0.00624		-	
System Benefits Charg			0.00743		0.00743		-	
Energy Service Charge	•		0.07291		0.07291			
Total		\$	0.09321	\$	0.09321	\$	-	
Energy Charge >200,0								
Distribution Charge per		\$	0.00590	\$	0.00590	\$	-	
Transmission Charge p			-		-		-	
Stranded Cost Recover			0.00624		0.00624		-	
System Benefits Charg			0.00743		0.00743		-	
Energy Service Charge	•		0.07291		0.07291	_		
Total		\$	0.09248	\$	0.09248	\$	-	

Note: Immaterial differences due to rounding.

2 3 4

Rate LG

			Rate	LG						
(A)	(B)	(C)	(D)		(E)		(F)	(G)	= (F) - (E)	(H) = (G) / (E)
					TOTAL MO	NTHL'	Y BILL		BILL DIFF	ERENCE
MONTHLY DEMAND (KVA)	MONTHLY USE (KWH)	ON-PEAK USE (KWH)	OFF-PEAK USE (KWH)	CL	IRRENT_	PR	OPOSED	AI	MOUNT	PERCENT
3,000 3,000 3,000 3,000 3,000 3,000 3,000	300,000 600,000 900,000 1,200,000 1,500,000 1,800,000 2,100,000	120,000 240,000 360,000 480,000 600,000 720,000 840,000	180,000 360,000 540,000 720,000 900,000 1,080,000 1,260,000	10- 13- 15- 18- 21-	7,478.66 4,019.06 0,559.46 7,099.86 3,640.26 0,180.66 6,721.06	10 13 18 18 2	78,045.69 04,586.09 31,126.49 57,666.89 34,207.29 10,747.69 37,288.09	\$	567.03 567.03 567.03 567.03 567.03 567.03	0.73% 0.55% 0.43% 0.36% 0.31% 0.27% 0.24%
Customer Char	ge			\$	Current Rate 660.15	\$	Proposed Rate 660.15	<u>Di</u> \$	fference -	
	Recovery Charge onciliation Adjustmer	nt		\$ 	5.92 10.36 0.50 (0.02) 16.76	\$	6.11 10.36 0.50 (0.02) 16.95	\$ \$ \$ \$ <u>\$</u>	0.19 - - - - 0.19	
Energy Charge Distribution Cha Transmission C Stranded Cost I System Benefits Energy Service Total	arge per kWh harge per kWh Recovery Charge s Charge	_			0.00559 - 0.00393 0.00743 0.07291 0.08986	\$	0.00559 - 0.00393 0.00743 0.07291 0.08986	\$	- - - - -	
Energy Charge Distribution Cha Transmission C Stranded Cost F System Benefits Energy Service Total	arge per kWh harge per kWh Recovery Charge s Charge	_			0.00473 - 0.00247 0.00743 0.07291 0.08754	\$	0.00473 - 0.00247 0.00743 0.07291 0.08754	\$	- - - -	

Note: Immaterial differences due to rounding.

4th Revised Page 41 Superseding 3rd Page 41 Rate R

RESIDENTIAL DELIVERY SERVICE RATE R

AVAILABILITY

Subject to the Terms and Conditions of the Tariff of which it is a part, this rate is for Delivery Service in individual urban, rural and farm residences and apartments. Service under this rate is available to those Customers who receive all of their electric service requirements hereunder, except that controlled electric service for thermal storage devices is available under Load Controlled Delivery Service Rate LCS and outdoor area lighting is available under Outdoor Lighting Delivery Service Rate OL.

This rate is not applicable to commercial purposes except as specified hereafter. Multiple use of Delivery Service within the residence through one meter shall be billed in accordance with the predominant use of the demand. When wired for connection to the same meter, Delivery Service under this rate shall include the residence and connecting and adjacent buildings used exclusively for noncommercial purposes.

The use of single-phase motors of 3 H.P. rating or less is permitted under this rate provided such use does not interfere with the quality of service rendered to other Customers. Upon written application to the Company, the use of larger motors may be authorized where existing distribution facilities permit.

CHARACTER OF SERVICE

Delivery Service supplied under this rate will be single-phase, 60 hertz, alternating current, normally three-wire at a nominal voltage of 120/240 volts.

RATE PER MONTH

Cı	Customer Charge\$13.81 per month							
Er	nergy Charges:							
		Per Kilow	<u>vatt-Hour</u>					
	Distribution Charge	5.3	63 ¢					
	Regulatory Reconciliation Adjustment (0.032)¢							
	Transmission Charge	3.04	46¢					
	Stranded Cost Recovery	0.4	58¢					
Issued:	April 29, 2022	Issued by: _	/s/Douglas Foley					
			Douglas Foley					
Effective:	August 1, 2022	Title:	President, NH Electric Operations					

Authorized by NHPUC Order No. 26,501 in Docket No. DE 21-109, dated July 29, 2021 and NHPUC Order No. 26,569 in Docket No. DE 21-117, dated January 25, 2022 and NHPUC Order No. 26,570 in Docket No. DE 21-029, dated January 25, 2022 and NHPUC Order No. 26,568 in Docket No. DE 19-057, dated January 25, 2022.

4th Revised Page 42 Superseding 2nd Page 42 Rate R

WATER HEATING - UNCONTROLLED

Uncontrolled water heating service is available under this rate at those locations which were receiving service hereunder on January 1, 2021 and which have continuously received such service since that date, and when such service is supplied to approved water heaters equipped with either (a) two thermostatically-operated heating elements, each with a rating of no more than 5,500 watts, so connected or interlocked that they cannot operate simultaneously, or (b) a single thermostatically-operated heating element with a rating of no more than 5,500 watts. The heating elements or element shall be connected by means of an approved circuit to a separate water heating meter. Delivery Service measured by this meter will be billed monthly as follows:

> Meter Charge\$4.87 per month **Energy Charges:** Distribution Charge......2.519 ¢ per kilowatt-hour Regulatory Reconciliation Adjustment..... (0.018)¢ per kilowatt-hour Transmission Charge2.358¢ per kilowatt-hour Stranded Cost Recovery......0458¢ per kilowatt-hour

WATER HEATING - CONTROLLED

Controlled off-peak water heating is available under this rate for a limited period of time at those locations which were receiving controlled off-peak water heating service hereunder on Customer Choice Date and which have continuously received such service hereunder since that date. Service under this rate at such locations shall continue to be available only for the remaining life of the presently-installed water heating equipment. No replacement water heaters shall be permitted to be installed for service under this rate at locations which otherwise would qualify for this service.

For those locations which qualify under the preceding paragraph, controlled off-peak water heating service is available under this rate when such service is supplied to approved storage type electric water heaters having an off-peak heating element with a rating of no more than 1,000 watts, or 20 watts per gallon of tank capacity, whichever is greater. The offpeak element shall be connected by means of an approved circuit to a separate water heating meter. Electricity used will be billed monthly as follows:

	Meter Charge	\$4.87 pe	er month			
	Energy Charges:					
	Distribution Charge					
Issued:	April 29, 2022	Issued by: _	/s/ Douglas W. Foley Douglas W. Foley			
Effective:	August 1, 2022	Title:	President, NH Electric Operations			
Authorized by	NHPUC Order No. 26,569 in Docket No. DE 21-1	17, dated Januar	y 25, 2022 and NHPUC Order No. 26,570 in			

Docket No. DE 21-029, dated January 25, 2022 and NHPUC Order No. 26,568 in Docket No. DE 19-057, dated January 25, 2022.

4th Revised Page 45 Superseding 2nd Revised Page 45 Rate R-OTOD

SERVICE AGREEMENT

The term of the Service Agreement shall be one year, and shall continue thereafter until canceled by one month's notice to the Company by the Customer. The Customer will not be permitted to change from this rate to any other rate until the Customer has taken service under this rate for at least twelve months. However, upon payment by the Customer of a suitable termination charge, the Company may, at its option, waive this provision where a substantial hardship to the Customer would otherwise result.

CHARACTER OF SERVICE

Service supplied under this rate will be single-phase 60 hertz, alternating

Service supplied under this rate will be single-phase, 60 hertz, alternating current, normally three-wire at a nominal voltage of 120/240 volts.					
RATE PER MONTH					
Customer Charge\$32.08 per month					
Energy Charges: <u>Per Kilowatt-Hour</u>					
Distribution Charges:					
On-Peak Hours (7:00 a.m. to 8:00 p.m. weekdays excluding Holidays)15.263¢					
Off-Peak Hours (all other hours)0.986¢					
Regulatory Reconciliation Adjustment (0.032)¢					
Transmission Charges:					
On-Peak Hours (7:00 a.m. to 8:00 p.m. weekdays excluding Holidays)3.046¢					
Off-Peak Hours (all other hours)1.989¢					
Stranded Cost Recovery0.360¢					
The On-Peak Hours shall be the hours after 7:00 a.m. and before 8:00 p.m. weekdays excluding holidays as defined in this Tariff. The Off-Peak Hours shall be all hours not included in the On-Peak Hours.					
Issued: April 29, 2022 Issued by: /s/ Douglas W. Foley Douglas W. Foley					
Effective: August 1, 2022 Title: President, NH Electric Operations					

Authorized by NHPUC Order No. 26,569 in Docket No. DE 21-117, dated January 25, 2022 and NHPUC Order No. 26,570 in Docket No. DE 21-029, dated January 25, 2022 and NHPUC Order No. 26,568 in Docket No. DE 19-057, dated January 25, 2022.

4th Revised Page 47 Superseding 2nd Page 47 Rate R-OTOD

Metei	r Charge	\$4.87 per month
Energ	y Charges:	
	Distribution Charge	2.519¢ per kilowatt-hour
	Regulatory Reconciliation Adj	(0.018)¢ per kilowatt-hour
	Transmission Charge	2.358¢ per kilowatt-hour
	Stranded Cost Recovery	0.163¢ per kilowatt-hour

SERVICE CHARGE

When the Company establishes or re-establishes a Delivery Service account for a Customer at a meter location, the Company will be entitled to assess a service charge in addition to all other charges under this rate. The service charge will be \$10.00 if the Company does not have to send an employee to the meter location to establish or re-establish Delivery Service.

When it is necessary for the Company to send an employee to the meter location to establish or re-establish Delivery Service, the service charge will be \$35.00. When it is necessary for the Company to send an employee to the meter location outside of normal working hours to establish or re-establish Delivery Service, the service charge will be \$80.00. The Company will be entitled to assess an \$26.00 service charge when it is necessary to send an employee to the Customer location to collect a delinquent bill. This charge shall apply regardless of any action taken by the Company including accepting a payment, making a deferred payment arrangement or leaving a collection notice at the Customer's premises.

Issued: April 29, 2022 Issued by: /s/ Douglas W. Foley
Douglas W. Foley

Effective: August 1, 2022 Title: President, NH Electric Operations

Authorized by NHPUC Order No. 26,501 in Docket No. DE 21-109, dated July 29, 2021 and NHPUC Order No. 26,502 in Docket No. DE 21-117, dated July 29, 2021 and NHPUC Order No. 26,503 in Docket No. DE 21-029, dated July 30, 2021 and NHPUC Order No. 26,504 in Docket No. DE 19-057, dated July 30, 2021.

4th Revised Page 50 Superseding 3rd Revised Page 50 Rate G

GENERAL DELIVERY SERVICE RATE G

AVAILABILITY

Subject to the Terms and Conditions of the Tariff of which it is a part, this rate is for Delivery Service for any use. It is available to (1) those Customers at existing delivery points who were receiving service hereunder on General Service Rate G on January 1, 1983, and who have continuously received service under that rate and this successor since that date, and (2) all other Customers whose loads as defined for billing purposes do not exceed 100 kilowatts. Service rendered hereunder shall exclude all backup and standby service provided under Backup Delivery Service Rate B.

Customers taking service under this rate shall provide any necessary transforming and regulating devices on the Customer's side of the meter. Controlled electric service for thermal storage devices is available under Load Controlled Service Rate LCS and outdoor area lighting is available under Outdoor Lighting Delivery Service Rate OL.

CHARACTER OF SERVICE

Delivery Service supplied under this rate will be 60 hertz, alternating current, either (a) single-phase, normally three-wire at a nominal voltage of 120/240 volts, or (b) three-phase, normally at a nominal voltage of 120/208 or 277/480 volts. Three-phase, three-wire service at a nominal voltage of 240, 480 or 600 volts is available only to those Customers at existing locations who were receiving such service on February 1, 1986, and who have continuously received such service since that date. In underground secondary network areas, Delivery Service will be supplied only at a nominal voltage of 120/208 volts.

RATE PE	R MONTH		gle-Phase ervice	Three-Phase Service
Cu	stomer Charge	\$16.2	21 per month	\$32.39 per month
Cu	stomer's Load Charges:			f Customer Load 5.0 Kilowatts
	Distribution Charge	•••••	\$12	2.24
	Regulatory Reconciliation Adjustmen	t	\$(0	0.10)
	Transmission Charge		\$7.	86
	Stranded Cost Recovery	•••••	\$0.	53
Issued:	April 29, 2022	Issued by:	/s/ Dougla Dougla	as W. Foley as W. Foley
Effective:	August 1, 2022	Title:		Electric Operations

Authorized NHPUC Order No. 26,569 in Docket No. DE 21-117, dated July 29, 2021 and NHPUC Order No. 26,570 in Docket No. DE 21-029, dated July 30, 2021.

4th Revised Page 51 Superseding 3rd Revised Page 51 Rate G

Energy Charges:

Ene	ergy Charges:		D Wilson 44 H
	Distribution Charges:		Per Kilowatt-Hour
	First 500 kilowatt-hours		2.820¢
	Next 1,000 kilowatt-hours		2.283¢
	All additional kilowatt-hours		1.724¢
	Transmission Charge		
	First 500 kilowatt-hours		2.840¢
	Next 1,000 kilowatt-hours		1.068¢
	All additional kilowatt-hours		0.573¢
	Stranded Cost Recovery		0.530¢
WATER H	EATING - UNCONTROLLED		
were received such service equipped we no more that or (b) a singular watts. The	controlled water heating service is avaing service hereunder on January 1, 2 e since that date, and when such servith either (a) two thermostatically-opan 5,500 watts, so connected or interligible thermostatically-operated heating heating elements or element shall be after heating meter. Service measured	2021 and which havice is supplied to aperated heating elenocked that they can element with a raticonnected by mean	per continuously received opproved water heaters nents, each with a rating of anot operate simultaneously, ng of no more than 5,500 as of an approved circuit to a
	Meter Charge	\$4.87 per mor	nth
	Energy Charges:		
	Distribution Charge	2.519¢ per kil	owatt-hour
	Regulatory Reconciliation Adj	(0.018)¢ per k	ilowatt-hour
	Transmission Charge	2.358¢ per kil	owatt-hour
	Stranded Cost Recovery	0.53¢ per kilo	watt-hour
WATER H	EATING - CONTROLLED		
at those loc	ntrolled off-peak water heating is availations which were receiving controlled hoice Date and which have continued.	ed off-peak water h	eating service hereunder on
Issued:	April 29, 2021	Issued by:	/s/Douglas W. Foley Douglas W. Foley

Effective: August 1, 2022 President, NH Electric Operations Title: Authorized by NHPUC Order No. 26,501 in Docket No. DE 21-109, dated July 29, 2021 and NHPUC Order No. 26,502 in Docket No. DE 21-117, dated July 29, 2021 and NHPUC Order No. 26,503 in Docket No. DE 21-029, dated July 30, 2021 and NHPUC Order No. 26,504 in Docket No. DE 19-057, dated July 30, 2021.

4th Revised Page 52 Superseding 3rd Page 52 Rate G

date. Service under this rate at such locations shall continue to be available only for the remaining life of the presently-installed water heating equipment. No replacement water heaters shall be permitted to be installed for service under this rate at locations which otherwise would qualify for this service.

For those locations which qualify under the preceding paragraph, controlled off-peak water heating service is available under this rate when such service is supplied to approved storage type electric water heaters having an off-peak heating element with a rating of no more than 1,000 watts, or 20 watts per gallon of tank capacity, whichever is greater. The off-peak element shall be connected by means of an approved circuit to a separate water heating meter. Electricity used will be billed monthly as follows:

SPACE HEATING SERVICE

Space heating service is available under this rate at those locations which were receiving space heating service under the Transitional Space Heating Service Rate TSH prior to Customer Choice Date and which have continuously received such service since that date. Customers at such locations who have elected this rate shall have the electricity for such service billed separately on a monthly basis as follows:

Space heating equipment served under this rate, including heat pumps and associated air circulating equipment, shall be wired by means of approved circuits to permit measurement of such equipment's additional demand and energy use.

Issued: April 29, 2022 Issued by: /s/Douglas W. Foley

Douglas W. Foley

Effective: August 1, 2022 Title: President, NH Electric Operations

[.] Authorized by NHPUC Order No. 26,569 in Docket No. DE 21-117, dated January 25, 2022 and NHPUC Order No. 26,570 in Docket No. DE 21-029, dated January 25, 2022 and NHPUC Order No. 26,568 in Docket No. DE 19-057, dated January 25, 2022.

4th Revised Page 55 Superseding 3rd Page 55 Rate G-OTOD

Three-Phase

SERVICE AGREEMENT

The term of the Service Agreement shall be one year, and shall continue thereafter until canceled by one month's notice to the Company by the Customer. The Customer will not be permitted to change from this rate to any other rate until the Customer has taken service under this rate for at least twelve months. However, upon payment by the Customer of a suitable termination charge, the Company may, at its option, waive this provision where a substantial hardship to the Customer would otherwise result.

CHARACTER OF SERVICE

RATE PER MONTH

Service supplied under this rate will be 60 hertz, alternating current, either (a) single-phase, normally three-wire at a nominal voltage of 120/240 volts or (b) three-phase, normally at a nominal voltage of 120/208 or 277/480 volts. Three-phase, three-wire service at a nominal voltage of 240, 480 or 600 volts is available only to those Customers at existing locations who were receiving such service on February 1, 1986, and who have continuously received such service since that date. In underground secondary network areas, service will be supplied only at a nominal voltage of 120/208 volts.

Single-Phase

KAILFL	ER MONTH	Service	Service
Cı	ustomer Charge		\$60.00 per month
Cı	ustomer's Load Charges:	Per Kilowatt	of Customer Load
	Distribution Charge	9	S (0.10) S 5.18
Er	nergy Charges:	Don I	Zilowett Hour
	Distribution Charges:	<u>rei i</u>	<u> Kilowatt-Hour</u>
	On-Peak Hours (7:00 a.m. to 8:00 weekdays excluding Holidays)	p.m.	.5.350¢
	Off-Peak Hours (all other hours)		.0.851¢
	Stranded Cost Recovery		.0.171¢
Issued:	April 29, 2022	Issued by: /s/Doug	-
Effective:	August 1, 2022	·	glas W. Foley I Electric Operations

Authorized by NHPUC Order No. 26,569 in Docket No. DE 21-117, dated January 25, 2022 and NHPUC Order No. 26,570 in Docket No. DE 21-029, dated January 25, 2022 and NHPUC Order No. 26,569 in Docket No. DE 19-057, dated January 25, 2022.

Per Kilowatt-Hour

NHPUC NO. 10 - ELECTRICITY DELIVERY PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE DBA EVERSOURCE ENERGY

4th Revised Page 59 Superseding 3rdRevised Page 59 Rate LCS

Energy Charges:

Distribution Charges:	
Radio-Controlled Option	1.350¢
8-Hour, 10-Hour or 11-Hour Option	2.470¢
Regulatory Reconciliation Adjustment:	
Radio-Controlled Option or 8-Hour Option	(0.018)¢
10-Hour or 11-Hour Option	(0.018)¢
Transmission Charge	2.358¢
Stranded Cost Recovery (When service is taken in conjunction with Rate R)	0.083 ¢
Stranded Cost Recovery (When service is taken in conjunction with Rate G)	0.100 ¢

METERS

Under this rate, the Company will install one meter with appropriate load control devices.

ELECTRIC THERMAL STORAGE EQUIPMENT APPROVED FOR LOAD CONTROL

Load Controlled Service is available under this rate to electric thermal storage installations meeting the Company's specifications as to type, size and electrical characteristics in accordance with the following guidelines.

I. Electric Thermal Storage Space Heating Equipment

Adequate control and switching equipment must be installed to provide capability for staggering the commencement of the charging period with respect to other electric thermal storage devices and for permitting partial charging on warmer days, and for controlling service to the thermal storage devices.

The storage capability of the electric thermal storage device must be adequate to heat the Customer's whole premises under design conditions and must be properly sized to ensure a constant rate of charging during the period which service under this rate is available as determined by the Company in accordance with its customary procedures. A smaller-sized electric thermal storage device may be approved by the Company for use in the Customer's premises under the Radio-Controlled Option.

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	-	•	Douglas W. Foley
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4th Revised Page 62 Superseding 3rd Page 62 Rate GV

Per Kilowatt of Maximum Demand

P 1.01	Per Kilowatt of Maximum D
Demand Charges:	
Distribution Charges:	
First 100 kilowatts	\$7.21
Excess Over 100 kilowatts	\$6.95
Regulatory Reconciliation Adjustment	\$(0.04)
Transmission Charge	\$10.52
Stranded Cost Recovery	\$0.45
Energy Charges:	Per Kilowatt-Hour
Distribution Charges:	
First 200,000 kilowatt-hours	0.663¢
All additional kilowatt-hours	0.590¢
Stranded Cost Recovery	0.202¢

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Douglas W. Foley

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4th Revised Page 66 Superseding 3rd Revised Page 66 Rate LG

LARGE GENERAL DELIVERY SERVICE RATE LG

AVAILABILITY

Subject to the Terms and Conditions of the Tariff of which it is a part, this rate is for high voltage Delivery Service. It is available upon the signing of a Service Agreement for such service at specified delivery points to Customers whose loads are larger than those that would be permitted under Rate GV of this Tariff. Service rendered hereunder shall exclude all backup and standby service provided under Backup Delivery Service Rate B. Outdoor area lighting is available under Outdoor Lighting Delivery Service Rate OL. Substation foundations and structures, and suitable controlling, regulating, and transforming apparatus, all of which shall be acceptable to and approved by the Company, together with such protective equipment as the Company shall deem necessary for the protection and safe operation of its system, shall be provided at the expense of the Customer.

CHARACTER OF SERVICE

Delivery Service supplied under this rate will be three-phase, 60 hertz, alternating current, at a nominal delivery voltage determined by the Company, generally 34,500 volts or higher. A reasonably balanced load between phases shall be maintained by the Customer.

RATE PER MONTH **Demand Charges:** Per Kilovolt-Ampere of Maximum Demand Distribution Charge.....\$6.11 Regulatory Reconciliation Adjustment.....\$(0.04) Transmission Charge\$10.36 Stranded Cost Recovery......\$0.22 **Energy Charges:** Per Kilowatt-Hour **Distribution Charges:** Issued by: Issued: April 29, 2022 /s/ Douglas W. Foley Douglas W. Foley President, NH Electric Operations Effective: August 1, 2022 Title:

Authorized by NHPUC Order No. 26,570 in Docket No. DE 21-117, dated January 25, 2022 and NHPUC Order No. 26,568 in Docket No. DE 21-029, dated January 25, 2022 and NHPUC Order No. 26,504 in Docket No. DE 19-057, dated January 25, 2022.

4th Revised Page 72 Superseding 3rd Revised Page 72 Rate B

Demand Charges:

is applicable, of Backup Contract Demand

Stranded Cost Recovery

(For Customers whose Standard Rate is Rate GV)... \$0.22 per KW or KVA, whichever is

applicable, of Backup Contract

Demand

Stranded Cost Recovery

(For Customers whose Standard Rate is Rate LG)....\$0.11 per KW or KVA, whichever is applicable, of Backup Contract

Demand

For all other Customers, in addition to the charges applicable to the Customers who take service at 115,000 volts or higher, the following additional charge applies:

of Backup Contract Demand Regulatory Reconciliation Adj.\$(0.03) per KW or KVA, whichever is applicable, of Backup Contract Demand

Energy Charges:

The energy charges contained in the Standard Rate for Delivery Service, except that the distribution charge is not applicable to Customers who take service at 115,000 volts or higher.

METERING

Metering shall be provided by the Company in accordance with the provisions of the Customer's Standard Rate, except as modifications to such metering may be required by the provisions of this rate. The Company may install any metering equipment necessary to accomplish the purposes of this rate, including the measurement of output from the Customer's generating facilities. Customer shall provide suitable meter locations for the Company's metering facilities. All costs of metering equipment in excess of costs normally incurred by the Company to provide service under Customer's Standard Rate shall be borne by the Customer.

REFUSAL TO PROVIDE ACCESS

In the event that the Customer refuses access to its premises to allow the Company to install metering equipment to measure the output of the Customer's generating facilities, the Company may estimate the amount of demand and energy delivered under this rate. The Customer shall be responsible for payment of all bill amounts calculated hereunder based on such estimates of demand and energy delivered.

April 29, 2022 Issued by: /s/ Douglas W. Foley Issued: Douglas W. Foley

Title: President, NH Electric Operations Effective: August 1, 2022

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3rd Revised Page 75 Superseding 2nd Revised Page 75 Rate OL

<u>All-Night Service Option</u>: The monthly kilowatt-hours and distribution rates for each luminaire served under the all-night service option are shown below.

For New and Existing Installations:

Lamp No														
0	Power							_						Monthly
•	Rating								<u>minai</u>					Distribution
	Watts	Jan	<u>Feb</u>	<u>Mar</u>	<u>Apr</u>	May	<u>Jun</u>	<u>Jul</u>	<u>Aug</u>	<u>Sep</u>	<u>Oct</u>	<u>Nov</u>	<u>Dec</u>	<u>Rate</u>
High Pre			• •											
4,000	50	24	20	20	17	15	13	14	16	18	22	23	25	\$15.94
5,800	70	36	30	30	25	22	20	21	24	27	32	35	37	15.94
9,500	100	53	44	43	36	33	29	31	36	40	47	51	55	21.20
16,000	150	80	66	65	54	49	43	47	53	60	70	75	82	29.98
30,000	250	128	107	104	87	78	70	76	86	96	114	122	132	30.72
50,000	400	196	163	159	133	120	107	116	132	147	173	186	202	31.06
130,000	1,000	462	384	375	314	282	252	272	310	347	408	438	475	49.85
Metal Ha	ılide:													
5,000	70	37	31	30	25	23	20	22	25	28	33	35	38	\$16.62
8,000	100	51	42	41	35	31	28	30	34	38	45	48	53	22.76
13,000	150	80	66	65	54	49	44	47	54	60	71	76	82	31.22
13,500	175	87	72	71	59	53	47	51	58	65	77	82	89	31.89
20,000	250	121	101	98	82	74	66	71	81	91	107	115	125	31.89
36,000	400	190	158	154	129	116	104	112	127	142	167	180	195	32.18
100,000	1,000	455	378	369	309	278	248	268	306	341	402	431	468	48.24
Light Em	nitting D	iode ()	LED)											
2,500	28	12	10	10	8	7	6	7	8	9	10	11	12	\$10.52
4,100	36	15	13	12	10	9	8	9	10	11	13	14	16	10.50
4,800	51	21	18	17	15	13	12	13	14	16	19	20	22	10.67
8,500	92	39	32	31	26	24	21	23	26	29	34	37	40	11.73
13,300	142	60	50	49	41	36	33	35	40	45	53	57	61	12.96
24,500	220	93	77	75	63	57	51	55	62	70	82	88	95	16.25
,														

For Existing Installations Only:

Lamp Nominal													
Light Power													Monthly
Output Rating]	Montl	nly K	WH p	er Lu	minai	re				Distribution
<u>Lumens</u> Watts	<u>Jan</u>	<u>Feb</u>	<u>Mar</u>	<u>Apr</u>	May	<u>Jun</u>	<u>Jul</u>	Aug	<u>Sep</u>	<u>Oct</u>	Nov	<u>Dec</u>	Rate
Incandescent:				-					_				
600 105	44	37	36	30	27	24	26	30	33	39	42	45	\$9.18
1,000 105	44	37	36	30	27	24	26	30	33	39	42	45	10.25
2,500 205	86	72	70	59	53	47	51	58	65	76	82	89	13.15
6,000 448	189	157	153	128	115	103	111	127	142	167	179	194	22.59

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Lamp No Light Output	Power Rating]	Montl	ıly KV	WH p	er Lu	minai	re				Monthly Distribution
Lumens	<u>Watts</u>	<u>Jan</u>	<u>Feb</u>	Mar	<u>Apr</u>	May	<u>Jun</u>	<u>Jul</u>	Aug	<u>Sep</u>	<u>Oct</u>	Nov	<u>Dec</u>	Rate
Mercury					-					-				
3,500	100	49	41	40	34	30	27	29	33	37	44	47	51	\$14.06
7,000	175	86	72	70	59	53	47	51	58	65	76	82	89	16.92
11,000	250	123	102	100	84	75	67	72	83	92	109	117	126	20.91
15,000	400	191	159	155	130	116	104	112	128	143	168	181	196	23.92
20,000	400	191	159	155	130	116	104	112	128	143	168	181	196	25.83
56,000	1,000	455	379	370	309	278	249	268	306	342	402	432	468	41.05
Fluoresc	ent:													
20,000	330	139	115	113	94	85	76	82	93	104	123	132	143	\$35.03
High Pre	ssure So	dium i	in Exi	sting	Merci	ury Lı	ımina	ires:						
12,000	150	76	63	62	52	46	42	45	51	57	67	72	78	21.92
34,200	360	174	145	141	118	106	95	102	117	130	154	165	179	28.06

The 15,000 Lumen Mercury fixture is fitted with a 20,000 lumen lamp. The 600 Lumen Incandescent fixture is fitted with a 1,000 lumen lamp.

Midnight Service Option:

The monthly kilowatt-hours and distribution rates for each luminaire served under the midnight service option are shown below.

Lamp No	<u>ominal</u>													
Light	Power													Monthly
	Rating]	Month	nly KV	WH p	er Lui	minai	re				Distribution
Lumens	Watts	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Rate
High Pre	ssure Sc	dium:				-								
4,000	50	12	10	9	7	6	5	6	7	8	10	12	13	\$15.94
5,800	70	18	15	13	10	9	8	8	10	12	15	19	20	15.94
9,500	100	27	22	19	15	13	12	12	15	18	22	27	29	21.20
16,000	150	40	33	28	23	20	17	18	22	26	32	40	43	29.98
30,000	250	65	54	46	37	32	28	30	36	42	52	66	69	30.72
50,000	400	100	82	70	56	50	43	45	54	64	79	100	106	31.06
130,000	1,000	234	192	165	132	116	100	106	127	151	186	235	248	49.85
Metal Ha	ilide:													
5,000	70	19	16	13	11	9	8	9	10	12	15	19	20	\$16.62
8,000	100	26	21	18	15	13	11	12	14	17	21	26	27	22.76
13,000	150	41	33	29	23	20	17	18	22	26	32	41	43	31.54
13,500	175	44	36	31	25	22	19	20	24	28	35	44	47	31.89
20,000	250	61	50	43	35	31	26	28	33	40	49	62	65	31.89
36,000	400	96	79	67	54	48	41	44	52	62	76	96	102	32.18
100,000	1,000	230	189	162	130	114	98	105	125	149	184	231	244	48.24

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Douglas W. Foley

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Lamp No Light	Power							_						Monthly
Output	Rating				Montl	ıly K\	<i>N</i> Н р	er Lu	minaiı					Distribution
Lumens	Watts	<u>Jan</u>	<u>Feb</u>	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Rate
Light En	nitting Di	iode (I	LED):		-				_	-				
2,500	28	6	5	4	3	3	3	3	3	4	5	6	6	\$10.52
4,100	36	8	6	5	4	4	3	3	4	5	6	8	8	10.50
4,800	51	11	9	8	6	5	5	5	6	7	9	11	12	10.67
8,500	92	20	16	14	11	10	8	9	11	13	16	20	21	11.73
13,300	142	30	25	21	17	15	13	14	16	20	24	30	32	12.96
24,500	220	47	39	33	26	23	20	21	26	30	37	47	50	16.25

MODIFICATION OF SERVICE OPTION

Municipal and state roadway lighting Customers may request a modification of service from the all-night service option to the midnight service option during the calendar months of January and February of each year, otherwise known as the open enrollment period. Requests received from municipal and state roadway lighting Customers after the open enrollment period shall be implemented during the subsequent open enrollment period, unless the Company determines that it is feasible and practicable to implement the request prior to the subsequent enrollment period. All other Customers may request a modification of service from the all-night service option to the midnight service option at any time. Customers requesting a modification of service from the allnight service option to the midnight service option are responsible to pay to the Company the installed cost of any additional equipment required to provide service under the midnight service option. The installed cost includes the cost of the additional equipment, labor, vehicles and overheads. The Customer is responsible to pay such costs prior to the installation of the equipment. If such a request is made concurrent with the Company's existing schedule for lamp replacement and maintenance, the Customer is responsible to pay to the Company the cost of any additional equipment required, including overheads. The Customer is responsible to pay such costs prior to the installation of the equipment.

Customers requesting a modification of service from the midnight service option to the allnight service option are responsible to pay to the Company the installation cost of the equipment
required to provide service under the all-night service option. The installation cost includes the cost
of labor, vehicles and overheads. The Customer is responsible to pay such costs prior to the
installation of the equipment. If such a request is made concurrent with the Company's existing
schedule for lamp replacement and maintenance, no additional costs are required to modify service
from the midnight service option to the all-night service option.

The Company will utilize fixed price estimates per luminaire for the installed cost, the additional equipment cost and the equipment installation cost and will update the fixed price estimates per luminaire each year based upon current costs. In the event traffic control is required during a modification of service option or for equipment repair, the Customer is responsible to coordinate and to provide traffic control and to pay all costs associated with traffic control. In the event the Customer is a residential or General Delivery Service Rate G Customer, the Company may coordinate and provide traffic control on the Customer's behalf and the Customer shall reimburse the Company for all costs associated with the traffic control provided by the Company. The scheduling of work associated with the modification of a service option will be made at the Company's discretion with consideration given to minimizing travel and set-up time.

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	•		Douglas W. Foley
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which are billed in conjunction with service rendered under a metered Rate Schedule, the kilowatthours used for billing purposes shall be the amount specified for the calendar month in which the later meter read date occurred for service rendered under the metered Rate Schedule.

All-Night Service Option:

The monthly kilowatt-hours and distribution rates for each fixture served under the all-night service option are shown below.

Lamp No	<u>ominal</u>													
Light	Power													Monthly
Output	Rating	-			Montl	nly K	WH p	er Fix	ture					Distribution
Lumens	Watts	<u>Jan</u>	<u>Feb</u>	Mar	<u>Apr</u>	May	Jun	<u>Jul</u>	<u>Aug</u>	<u>Sep</u>	<u>Oct</u>	<u>Nov</u>	<u>Dec</u>	Rate
High Pre	ssure Sc	dium:			_	-				_				
4,000	50	24	20	20	17	15	13	14	16	18	22	23	25	\$6.45
5,800	70	36	30	30	25	22	20	21	24	27	32	35	37	6.76
9,500	100	53	44	43	36	33	29	31	36	40	47	51	55	7.18
16,000	150	80	66	65	54	49	43	47	53	60	70	75	82	7.84
30,000	250	128	107	104	87	78	70	76	86	96	114	122	132	9.06
50,000	400	196	163	159	133	120	107	116	132	147	173	186	202	10.77
130,000	1,000	462	384	375	314	282	252	272	310	347	408	438	475	17.44
Metal Ha	ılide:													
5,000	70	37	31	30	25	23	20	22	25	28	33	35	38	\$6.78
8,000	100	51	42	41	35	31	28	30	34	38	45	48	53	7.12
13,000	150	80	66	65	54	49	44	47	54	60	71	76	82	7.85
13,500	175	87	72	71	59	53	47	51	58	65	77	82	89	8.02
20,000	250	121	101	98	82	74	66	71	81	91	107	115	125	8.88
36,000	400	190	158	154	129	116	104	112	127	142	167	180	195	10.60
100,000	1,000	455	378	369	309	278	248	268	306	341	402	431	468	17.26

LED's and other technologies accepted by the Company:

	Per	Per
	<u>Fixture</u>	<u>Watt</u>
Monthly Distribution Rates	\$3.34	\$0.01060

Monthly KWH per Fixture will be calculated to the nearest whole (1.0) KWH as follows: Total Fixture Wattage divided by 1,000 times the monthly hours of operation below

					Mo	nthly l	Цонта	of Ope	ration	·		•		
	Jan	Feb	Mar	Āpr	May						Nov	<u>Dec</u>		
-	421	350		286			248				399	433		
Issued:		April 29, 2022						Issued by: /s/ Douglas W. Foley						
		•					Douglas W. Foley							
Effect	Effective: August 1, 2022						Title: President, NH Electric Operation							

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Midnight Service Option:

The monthly kilowatt-hours and distribution rates for each fixture served under the midnight service option are shown below.

Lamp	Non	<u>ninal</u>													
Light	P	ower													Monthly
Outpu	t R	Rating				Montl	nly K	WH p	er Fix	ture					Distribution
Lumer	ns V	Vatts	Jan	<u>Feb</u>	Mar	Apr	May	<u>Jun</u>	<u>Jul</u>	Aug	<u>Sep</u>	Oct	Nov	Dec	Rate
High I	Press	sure So	dium:			-					-				
4,00	00	50	12	10	9	7	6	5	6	7	8	10	12	13	\$6.45
5,80	00	70	18	15	13	10	9	8	8	10	12	15	19	20	6.76
9,50	00	100	27	22	19	15	13	12	12	15	18	22	27	29	7.18
16,00	00	150	40	33	28	23	20	17	18	22	26	32	40	43	7.84
30,00	00	250	65	54	46	37	32	28	30	36	42	52	66	69	9.06
50,00	00	400	100	82	70	56	50	43	45	54	64	79	100	106	10.69
130,00	00	1,000	234	192	165	132	116	100	106	127	151	186	235	248	17.38
Metal	Hali	de:													
5,00	00	70	19	16	13	11	9	8	9	10	12	15	19	20	\$6.78
8,00	00	100	26	21	18	15	13	11	12	14	17	21	26	27	7.12
13,00	00	150	41	33	29	23	20	17	18	22	26	32	41	43	7.85
13,50	00	175	44	36	31	25	22	19	20	24	28	35	44	47	8.02
20,00	00	250	61	50	43	35	31	26	28	33	40	49	62	65	8.88
36,00	00	400	96	79	67	54	48	41	44	52	62	76	96	102	10.60
100,00	00	1,000	230	189	162	130	114	98	105	125	149	184	231	244	17.26

LED's and other technologies accepted by the Company:

	Per	Per
	<u>Fixture</u>	<u>Watt</u>
Monthly Distribution Rates	\$3.34	\$0.01060

Monthly KWH per Fixture will be calculated to the nearest whole (1.0) KWH as follows: Total Fixture Wattage divided by 1,000 times the monthly hours of operation below

				Mo	nthly H	Iours o	f Operat	tion				
<u>Jan</u>	<u>Feb</u>	Mar	<u>Apr</u>	May	<u>Jun</u>	<u>Jul</u>	Aug	Sep	Oct	Nov	Dec	
213	175	150	120	106	91	97	116	138	170	214	226	

LEAP YEAR ADJUSTMENT TO ENERGY

During any leap year, the energy (Kilowatt-hour) usage during the month of February for all fixtures shall be increased by 3.4 percent for the purpose of determining total energy charges under this rate.

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	•		Douglas W. Foley
Effective:	August 1, 2022	Title:	President, NH Electric Operations

Authorized by NHPUC Order No. 26,433 in Docket No. DE 19-057, dated December 15, 2020 and NHPUC Order No. 26,569 in Docket No. DE 19-057, dated January 25,2022.

43thrd Revised Page 41 Superseding 32^{rnd} Page 41 Rate R

RESIDENTIAL DELIVERY SERVICE RATE R

AVAILABILITY

Subject to the Terms and Conditions of the Tariff of which it is a part, this rate is for Delivery Service in individual urban, rural and farm residences and apartments. Service under this rate is available to those Customers who receive all of their electric service requirements hereunder, except that controlled electric service for thermal storage devices is available under Load Controlled Delivery Service Rate LCS and outdoor area lighting is available under Outdoor Lighting Delivery Service Rate OL.

This rate is not applicable to commercial purposes except as specified hereafter. Multiple use of Delivery Service within the residence through one meter shall be billed in accordance with the predominant use of the demand. When wired for connection to the same meter, Delivery Service under this rate shall include the residence and connecting and adjacent buildings used exclusively for noncommercial purposes.

The use of single-phase motors of 3 H.P. rating or less is permitted under this rate provided such use does not interfere with the quality of service rendered to other Customers. Upon written application to the Company, the use of larger motors may be authorized where existing distribution facilities permit.

CHARACTER OF SERVICE

Delivery Service supplied under this rate will be single-phase, 60 hertz, alternating current, normally three-wire at a nominal voltage of 120/240 volts.

RATE PER MONTH

Cı	ustomer Charge	\$13.81 _]	per month			
Eı	nergy Charges:	Per Kilow	<u>att-Hour</u>			
	Distribution Charge	5. <u>3</u> 0	6 <u>3</u> 196 ¢			
	Regulatory Reconciliation Adjustment (0.032)¢					
	Transmission Charge	3.04	46¢			
	Stranded Cost Recovery	0.4	58¢			
Issued:	February 1 April 29, 2022	Issued by: _	/s/Douglas Foley Douglas Foley			
Effective:	January 1 August 1, 2022	Title:	President, NH Electric Operations			

Authorized by NHPUC Order No. 26,501 in Docket No. DE 21-109, dated July 29, 2021 and NHPUC Order No. 26,569 in Docket No. DE 21-117, dated January 25, 2022 and NHPUC Order No. 26,570 in Docket No. DE 21-029, dated January 25, 2022 and NHPUC Order No. 26,568 in Docket No. DE 19-057, dated January 25, 2022.

34^{thrd} Revised Page 42 Superseding 2nd Page 42 Rate R

WATER HEATING - UNCONTROLLED

Uncontrolled water heating service is available under this rate at those locations which were receiving service hereunder on January 1, 2021 and which have continuously received such service since that date, and when such service is supplied to approved water heaters equipped with either (a) two thermostatically-operated heating elements, each with a rating of no more than 5,500 watts, so connected or interlocked that they cannot operate simultaneously, or (b) a single thermostatically-operated heating element with a rating of no more than 5,500 watts. The heating elements or element shall be connected by means of an approved circuit to a separate water heating meter. Delivery Service measured by this meter will be billed monthly as follows:

WATER HEATING - CONTROLLED

Controlled off-peak water heating is available under this rate for a limited period of time at those locations which were receiving controlled off-peak water heating service hereunder on Customer Choice Date and which have continuously received such service hereunder since that date. Service under this rate at such locations shall continue to be available only for the remaining life of the presently-installed water heating equipment. No replacement water heaters shall be permitted to be installed for service under this rate at locations which otherwise would qualify for this service.

For those locations which qualify under the preceding paragraph, controlled off-peak water heating service is available under this rate when such service is supplied to approved storage type electric water heaters having an off-peak heating element with a rating of no more than 1,000 watts, or 20 watts per gallon of tank capacity, whichever is greater. The off-peak element shall be connected by means of an approved circuit to a separate water heating meter. Electricity used will be billed monthly as follows:

Authorized by NHPUC Order No. 26,569 in Docket No. DE 21-117, dated January 25, 2022 and NHPUC Order No. 26,570 in Docket No. DE 21-029, dated January 25, 2022 and NHPUC Order No. 26,568 in Docket No. DE 19-057, dated January 25, 2022

43^{thrd} Revised Page 45 Superseding 2nd Revised Page 45 Rate R-OTOD

SERVICE AGREEMENT

The term of the Service Agreement shall be one year, and shall continue thereafter until canceled by one month's notice to the Company by the Customer. The Customer will not be permitted to change from this rate to any other rate until the Customer has taken service under this rate for at least twelve months. However, upon payment by the Customer of a suitable termination charge, the Company may, at its option, waive this provision where a substantial hardship to the Customer would otherwise result.

CHARACTER OF SERVICE

February August 1, 2022

Effective:

Service supplied under this rate will be single-phase, 60 hertz, alternating current, normally three-wire at a nominal voltage of 120/240 volts.

RATE PER MONTH Customer Charge\$32.08 per month **Energy Charges:** Per Kilowatt-Hour **Distribution Charges:** On-Peak Hours (7:00 a.m. to 8:00 p.m. weekdays excluding Holidays)15.095263¢ Regulatory Reconciliation Adjustment...... (0.032)¢ Transmission Charges: On-Peak Hours (7:00 a.m. to 8:00 p.m. weekdays excluding Holidays)3.046¢ Off-Peak Hours (all other hours)1.989¢ The On-Peak Hours shall be the hours after 7:00 a.m. and before 8:00 p.m. weekdays excluding holidays as defined in this Tariff. The Off-Peak Hours shall be all hours not included in the On-Peak Hours. Issued: February 1 April 29, 2022 /s/ Douglas W. Foley Douglas W. Foley

Authorized by NHPUC Order No. 26,569 in Docket No. DE 21-117, dated January 25, 2022 and NHPUC Order No. 26,570 in Docket No. DE 21-029, dated January 25, 2022 and NHPUC Order No. 26,568 in Docket No. DE 19-057, dated January 25, 2022.

Title:

President, NH Electric Operations

43^{thrd} Revised Page 47 Superseding 2nd Page 47 Rate R-OTOD

Meter Charge	\$4.87 per month
Energy Charges:	
Distribution Charge	2.404 <u>519</u> ¢ per kilowatt-hou
Regulatory Reconci	liation Adj(0.018)¢ per kilowatt-hour
Transmission Charg	e2.358¢ per kilowatt-hour
Stranded Cost Reco	very 0.163¢ per kilowatt-hour

SERVICE CHARGE

When the Company establishes or re-establishes a Delivery Service account for a Customer at a meter location, the Company will be entitled to assess a service charge in addition to all other charges under this rate. The service charge will be \$10.00 if the Company does not have to send an employee to the meter location to establish or re-establish Delivery Service.

When it is necessary for the Company to send an employee to the meter location to establish or re-establish Delivery Service, the service charge will be \$35.00. When it is necessary for the Company to send an employee to the meter location outside of normal working hours to establish or re-establish Delivery Service, the service charge will be \$80.00. The Company will be entitled to assess an \$26.00 service charge when it is necessary to send an employee to the Customer location to collect a delinquent bill. This charge shall apply regardless of any action taken by the Company including accepting a payment, making a deferred payment arrangement or leaving a collection notice at the Customer's premises.

Issued:	February 2, April 29, 2022	Issued by:	/s/ Douglas W. Foley
		•	Douglas W. Foley

Effective: February August 1, 2022 Title: President, NH Electric Operations

Authorized by NHPUC Order No. 26,501 in Docket No. DE 21-109, dated July 29, 2021 and NHPUC Order No. 26,502 in Docket No. DE 21-117, dated July 29, 2021 and NHPUC Order No. 26,503 in Docket No. DE 21-029, dated July 30, 2021 and NHPUC Order No. 26,504 in Docket No. DE 19-057, dated July 30, 2021.

43^{thrd} Revised Page 50 Superseding 3rd Revised Page 50 Rate G

GENERAL DELIVERY SERVICE RATE G

AVAILABILITY

Subject to the Terms and Conditions of the Tariff of which it is a part, this rate is for Delivery Service for any use. It is available to (1) those Customers at existing delivery points who were receiving service hereunder on General Service Rate G on January 1, 1983, and who have continuously received service under that rate and this successor since that date, and (2) all other Customers whose loads as defined for billing purposes do not exceed 100 kilowatts. Service rendered hereunder shall exclude all backup and standby service provided under Backup Delivery Service Rate B.

Customers taking service under this rate shall provide any necessary transforming and regulating devices on the Customer's side of the meter. Controlled electric service for thermal storage devices is available under Load Controlled Service Rate LCS and outdoor area lighting is available under Outdoor Lighting Delivery Service Rate OL.

CHARACTER OF SERVICE

Delivery Service supplied under this rate will be 60 hertz, alternating current, either (a) single-phase, normally three-wire at a nominal voltage of 120/240 volts, or (b) three-phase, normally at a nominal voltage of 120/208 or 277/480 volts. Three-phase, three-wire service at a nominal voltage of 240, 480 or 600 volts is available only to those Customers at existing locations who were receiving such service on February 1, 1986, and who have continuously received such service since that date. In underground secondary network areas, Delivery Service will be supplied only at a nominal voltage of 120/208 volts.

RATE PER MONTH		_	gle-Phase ervice	Three-Phase Service
Cı	ustomer Charge	\$16.2	21 per month	\$32.39 per month
Cı	ustomer's Load Charges:			f Customer Load 5.0 Kilowatts
	Distribution Charge		\$1	1 .69 2.24
	Regulatory Reconciliation Adjustmen	t	\$(0	0.10)
	Transmission Charge		\$7.	86
	Stranded Cost Recovery		\$0.	53
Issued:	February 1April 29, 2022	Issued by:	/s/ Dougla Dougla	as W. Foley as W. Foley
Effective:	February 1 August 1, 2022	Title:	President, NH F	Electric Operations

Authorized NHPUC Order No. 26,569 in Docket No. DE 21-117, dated July 29, 2021 and NHPUC Order No. 26,570 in Docket No. DE 21-029, dated July 30, 2021.

43^{thrd} Revised Page 51 Superseding 32^{md} Revised Page 51 Rate G

Energy Charges:

	Per Kilowatt-Hour
Distribution Charges:	
First 500 kilowatt-hours	2.820¢
Next 1,000 kilowatt-hours	2.283¢
All additional kilowatt-hours	1.724¢
Transmission Charge	
First 500 kilowatt-hours	2.840¢
Next 1,000 kilowatt-hours	1.068¢
All additional kilowatt-hours	0.573¢
Stranded Cost Recovery	0.530¢
HEATING INCOMEDOLLED	

WATER HEATING - UNCONTROLLED

Uncontrolled water heating service is available under this rate at those locations which were receiving service hereunder on January 1, 2021 and which have continuously received such service since that date, and when such service is supplied to approved water heaters equipped with either (a) two thermostatically-operated heating elements, each with a rating of no more than 5,500 watts, so connected or interlocked that they cannot operate simultaneously, or (b) a single thermostatically-operated heating element with a rating of no more than 5,500 watts. The heating elements or element shall be connected by means of an approved circuit to a separate water heating meter. Service measured by this meter will be billed monthly as follows:

Meter Charge	\$4.87 per month
Energy Charges:	
Distribution Charge	2. <u>404<u>519</u>¢ per kilowatt-hour</u>
Regulatory Reconciliation Adj	(0.018)¢ per kilowatt-hour
Transmission Charge	2.358¢ per kilowatt-hour
Stranded Cost Recovery	0.53¢ per kilowatt-hour

WATER HEATING - CONTROLLED

Controlled off-peak water heating is available under this rate for a limited period of time at those locations which were receiving controlled off-peak water heating service hereunder on Customer Choice Date and which have continuously received such service hereunder since that

Issued:	February 1April 29, 2021	Issued by:	/s/Douglas W. Foley
			Douglas W. Foley
Effective:	February August 1, 2022	Title:	President, NH Electric Operations
Authorized	by NHPUC Order No. 26,501 in Docket No. DE 21	-109, dated July 2	•
Docket No. D	E 21-117, dated July 29, 2021 and NHPUC Order N	o. 26,503 in Dock	tet No. DE 21-029, dated July 30, 2021 and

NHPUC Order No. 26,504 in Docket No. DE 19-057, dated July 30, 2021.

34^{thrd} Revised Page 52 Superseding 3rd Page 52 Rate G

date. Service under this rate at such locations shall continue to be available only for the remaining life of the presently-installed water heating equipment. No replacement water heaters shall be permitted to be installed for service under this rate at locations which otherwise would qualify for this service.

For those locations which qualify under the preceding paragraph, controlled off-peak water heating service is available under this rate when such service is supplied to approved storage type electric water heaters having an off-peak heating element with a rating of no more than 1,000 watts, or 20 watts per gallon of tank capacity, whichever is greater. The off-peak element shall be connected by means of an approved circuit to a separate water heating meter. Electricity used will be billed monthly as follows:

Meter Charge\$4.87 per month
Energy Charges:
Distribution Charge
Regulatory Reconciliation Adj(0.018)¢ per kilowatt-hour
Transmission Charge2.358¢ per kilowatt-hour
Stranded Cost Recovery0.171¢ per kilowatt-hour

SPACE HEATING SERVICE

Space heating service is available under this rate at those locations which were receiving space heating service under the Transitional Space Heating Service Rate TSH prior to Customer Choice Date and which have continuously received such service since that date. Customers at such locations who have elected this rate shall have the electricity for such service billed separately on a monthly basis as follows:

Meter Charge\$3	.24 per month
Energy Charges:	
Distribution Charge4.	135235¢ per kilowatt-hour
Regulatory Reconciliation Adj(0	0.019)¢ per kilowatt-hour
Transmission Charge2.	840¢ per kilowatt-hour
Stranded Cost Recovery0.	650¢ per kilowatt-hour

Space heating equipment served under this rate, including heat pumps and associated air circulating equipment, shall be wired by means of approved circuits to permit measurement of such equipment's additional demand and energy use.

Issued:	February 1April 29, 2022	Issued by:	/s/Douglas W. Foley
	· 	-	Douglas W. Foley
Effective:	Echruary August 1 2022	Title:	President NH Electric Operations

[.] Authorized by NHPUC Order No. 26,569 in Docket No. DE 21-117, dated January 25, 2022 and NHPUC Order No. 26,570 in Docket No. DE 21-029, dated January 25, 2022 and NHPUC Order No. 26,568 in Docket No. DE 19-057, dated January 25, 2022.

3rd-4th Revised Page 55 Superseding 32^{rdnd} Page 55 Rate G-OTOD

SERVICE AGREEMENT

The term of the Service Agreement shall be one year, and shall continue thereafter until canceled by one month's notice to the Company by the Customer. The Customer will not be permitted to change from this rate to any other rate until the Customer has taken service under this rate for at least twelve months. However, upon payment by the Customer of a suitable termination charge, the Company may, at its option, waive this provision where a substantial hardship to the Customer would otherwise result.

CHARACTER OF SERVICE

Service supplied under this rate will be 60 hertz, alternating current, either (a) single-phase, normally three-wire at a nominal voltage of 120/240 volts or (b) three-phase, normally at a nominal voltage of 120/208 or 277/480 volts. Three-phase, three-wire service at a nominal voltage of 240, 480 or 600 volts is available only to those Customers at existing locations who were receiving such service on February 1, 1986, and who have continuously received such service since that date. In underground secondary network areas, service will be supplied only at a nominal voltage of 120/208 volts.

RATE PE	ER MONTH	Single-Phase Service	Three-Phase Service
Cı	ıstomer Charge	\$41.98 per month	\$60.00 per month
Cı	ustomer's Load Charges:	Per Kilowatt	of Customer Load
	Distribution Charge	\$ \$	5 (0.10) 5 5.18
Er	nergy Charges:	Dar k	Kilowatt-Hour
	Distribution Charges:	<u>1 et F</u>	<u> Miowatt-Hour</u>
	On-Peak Hours (7:00 a.m. to 8:00 weekdays excluding Holidays)		.5.350¢
	Off-Peak Hours (all other hours)		.0.851¢
	Stranded Cost Recovery		0.171¢
Issued:	February 1 April 29, 2022	Issued by: /s/Doug	las W. Foley glas W. Foley
Effective:	February August 1, 2022		I Electric Operations

Authorized by NHPUC Order No. 26,569 in Docket No. DE 21-117, dated January 25, 2022 and NHPUC Order No. 26,570 in Docket No. DE 21-029, dated January 25, 2022 and NHPUC Order No. 26,569 in Docket No. DE 19-057, dated January 25, 2022.

43^{thrd} Revised Page 59 Superseding 32^{rnd}Revised Page 59 Rate LCS

Energy Charges:

Per Kilov	watt-Hour
Distribution Charges:	
Radio-Controlled Option	1. 284<u>350</u>¢
8-Hour, 10-Hour or 11-Hour Option	2. 404<u>470</u>¢
Regulatory Reconciliation Adjustment:	
Radio-Controlled Option or 8-Hour Option((0.018)¢
10-Hour or 11-Hour Option((0.018)¢
Transmission Charge	2.358¢
Stranded Cost Recovery (When service is taken in conjunction with Rate R)	0.083 ¢
Stranded Cost Recovery (When service is taken in conjunction with Rate G)	0.100 ¢

METERS

Under this rate, the Company will install one meter with appropriate load control devices.

ELECTRIC THERMAL STORAGE EQUIPMENT APPROVED FOR LOAD CONTROL

Load Controlled Service is available under this rate to electric thermal storage installations meeting the Company's specifications as to type, size and electrical characteristics in accordance with the following guidelines.

I. Electric Thermal Storage Space Heating Equipment

Adequate control and switching equipment must be installed to provide capability for staggering the commencement of the charging period with respect to other electric thermal storage devices and for permitting partial charging on warmer days, and for controlling service to the thermal storage devices.

The storage capability of the electric thermal storage device must be adequate to heat the Customer's whole premises under design conditions and must be properly sized to ensure a constant rate of charging during the period which service under this rate is available as determined by the Company in accordance with its customary procedures. A smaller-sized electric thermal storage device may be approved by the Company for use in the Customer's premises under the Radio-Controlled Option.

Issued:	February 1 April 29, 2022	Issued by:	/s/ Douglas W. Foley
		•	Douglas W. Foley
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Authorized by NHPUC Order No. 26,569 in Docket No. DE 21-117, dated January 25, 2022 and NHPUC Order No. 26,570 in Docket No. DE 21-029, dated January 25, 2022 and NHPUC Order No. 26,568 in Docket No. DE 19-057, dated January 25, 2022.

43^{thrd} Revised Page 62 Superseding 32^{rnd} Page 62 Rate GV

Demand

	Per Kilowatt of Maximum
Demand Charges:	
Distribution Charges:	
First 100 kilowatts	\$ 6.98 7.21
Excess Over 100 kilowatts	\$6. <u>95</u> 72
Regulatory Reconciliation Adjustment	\$(0.04)
Transmission Charge	\$10.52
Stranded Cost Recovery	\$0.45
Energy Charges:	
Energy chargest	Per Kilowatt-Hour
Distribution Charges:	
First 200,000 kilowatt-hours	0.663¢
All additional kilowatt-hours	0.590¢
Stranded Cost Recovery	0.202¢

Issued: February 1 April 29, 2022 /s/ Douglas W. Foley Douglas W. Foley

Title: President, NH Electric Operations Effective: February August 1, 2022

Authorized by NHPUC Order No. 26,569 in Docket No. DE 21-117, dated January 25, 2022 and NHPUC Order No. 26,503 in Docket No. DE 21-029, dated January 25, 2022 and NHPUC Order No. 26,504 in Docket No. DE 19-057, dated January 25, 2022.

43^{thrd} Revised Page 66 Superseding 32rd Revised Page 66 Rate LG

LARGE GENERAL DELIVERY SERVICE RATE LG

AVAILABILITY

Subject to the Terms and Conditions of the Tariff of which it is a part, this rate is for high voltage Delivery Service. It is available upon the signing of a Service Agreement for such service at specified delivery points to Customers whose loads are larger than those that would be permitted under Rate GV of this Tariff. Service rendered hereunder shall exclude all backup and standby service provided under Backup Delivery Service Rate B. Outdoor area lighting is available under Outdoor Lighting Delivery Service Rate OL. Substation foundations and structures, and suitable controlling, regulating, and transforming apparatus, all of which shall be acceptable to and approved by the Company, together with such protective equipment as the Company shall deem necessary for the protection and safe operation of its system, shall be provided at the expense of the Customer.

CHARACTER OF SERVICE

Effective:

February August 1, 2022

Delivery Service supplied under this rate will be three-phase, 60 hertz, alternating current, at a nominal delivery voltage determined by the Company, generally 34,500 volts or higher. A reasonably balanced load between phases shall be maintained by the Customer.

RATE PER MONTH **Demand Charges:** Per Kilovolt-Ampere of Maximum Demand Distribution Charge......\$5.926.11 Regulatory Reconciliation Adjustment.....\$(0.04) Transmission Charge\$10.36 **Energy Charges:** Per Kilowatt-Hour Distribution Charges: Issued: February 1 April 29, 2022 Issued by: /s/ Douglas W. Foley Douglas W. Foley

Authorized by NHPUC Order No. 26,570 in Docket No. DE 21-117, dated January 25, 2022 and NHPUC Order No. 26,568 in Docket No. DE 21-029, dated January 25, 2022 and NHPUC Order No. 26,504 in Docket No. DE 19-057, dated January 25, 2022.

Title:

President, NH Electric Operations

43^{thrd} Revised Page 72 Superseding 32^{rnd} Revised Page 72 Rate B

Demand Charges:

For	Customers wl	no take	service at	115 000	volts or	higher	the fo	llowing	charges	annly
101	Customers wi	io take	sci vice at	113,000	voits of	mgner,	uic io	nowing	charges	appry

is applicable, of Backup Contract Demand

Stranded Cost Recovery

(For Customers whose Standard Rate is Rate GV)... \$0.22 per KW or KVA, whichever is

applicable, of Backup Contract

Demand

Stranded Cost Recovery

(For Customers whose Standard Rate is Rate LG)....\$0.11 per KW or KVA, whichever is

applicable, of Backup Contract

Demand

For all other Customers, in addition to the charges applicable to the Customers who take service at 115,000 volts or higher, the following additional charge applies:

of Backup Contract Demand

Regulatory Reconciliation Adj.\$(0.03) per KW or KVA, whichever is applicable, of Backup Contract Demand

Energy Charges:

The energy charges contained in the Standard Rate for Delivery Service, except that the distribution charge is not applicable to Customers who take service at 115,000 volts or higher.

METERING

Metering shall be provided by the Company in accordance with the provisions of the Customer's Standard Rate, except as modifications to such metering may be required by the provisions of this rate. The Company may install any metering equipment necessary to accomplish the purposes of this rate, including the measurement of output from the Customer's generating facilities. Customer shall provide suitable meter locations for the Company's metering facilities. All costs of metering equipment in excess of costs normally incurred by the Company to provide service under Customer's Standard Rate shall be borne by the Customer.

REFUSAL TO PROVIDE ACCESS

In the event that the Customer refuses access to its premises to allow the Company to install metering equipment to measure the output of the Customer's generating facilities, the Company may estimate the amount of demand and energy delivered under this rate. The Customer shall be responsible for payment of all bill amounts calculated hereunder based on such estimates of demand and energy delivered.

February 1 April 29, 2022 Issued by: /s/ Douglas W. Foley Issued: Douglas W. Foley

Title: President, NH Electric Operations Effective: February August 1, 2022

Authorized by NHPUC Order No. 26,569 in Docket No. DE 21-117, dated January 25, 2021 and NHPUC Order No. 26,570 in Docket No. DE 21-029, dated January 252021 and NHPUC Order No. 26,568 in Docket No. DE 19-057, dated January 25.

32^{rdnd} Revised Page 75 Superseding 4st-2nd Revised Page 75 Rate OL

All-Night Service Option:

The monthly kilowatt-hours and distribution rates for each luminaire served under the all-night service option are shown below.

For New and Existing Installations:

Lamp No Light	ominal Power													Monthly
	Rating]	Montl	ılv K'	WH p	er Lu	minaiı	re				Distribution
Lumens		Jan	Feb		Apr	May		Jul	Aug		Oct	Nov	Dec	Rate
High Pre														
4,000	50	24	20	20	17	15	13	14	16	18	22	23	25	\$15. 59 94
5,800	70	36	30	30	25	22	20	21	24	27	32	35	37	15. 59 94
9,500	100	53	44	43	36	33	29	31	36	40	47	51	55	2 <u>1.20.73</u>
16,000	150	80	66	65	54	49	43	47	53	60	70	75	82	29 .32 .98
30,000	250	128	107	104	87	78	70	76	86	96	114	122	132	30. 05 72
50,000	400	196	163	159	133	120	107	116	132	147	173	186		3 <u>1.06</u> 0.39
130,000	1,000	462	384	375	314	282	252	272	310	347	408	438	475	49.85
Metal Ha		27	21	20	2.5	22	20	22	2.5	20	22	25	20	41 5 5 22 5
5,000	70	37	31	30	25	23	20	22	25	28	33	35	38	\$16. <u>62</u> 26
8,000	100	51	42	41	35	31	28	30	34	38	45	48	53	22. <u>76</u> 26
13,000	150	80	66	65	54	49	44	47	54	60	71	76	82	3 <u>1.22</u> 0.54
13,500	175	87	72	71	59	53	47	51	58	65	77	82	89	31. <u>8</u> 49
20,000	250	121	101	98	82	74	66	71	81	91	107	115	125	31. <u>8</u> 49
36,000	400	190	158 378	154 369	129	116 278	104 248	112 268	127	142	167	180	195	3 1.48 2.18
100,000	1,000	455	3/8	309	309	218	248	208	306	341	402	431	468	4 7.19 <u>8.24</u>
Light Em			LED):	:										
2,500	28	12	10	10	8	7	6	7	8	9	10	11	12	\$10. 29 <u>52</u>
4,100	36	15	13	12	10	9	8	9	10	11	13	14	16	10. 27 <u>50</u>
4,800	51	21	18	17	15	13	12	13	14	16	19	20	22	10. <u>67</u> 44
8,500	92	39	32	31	26	24	21	23	26	29	34	37	40	11. <u>73</u> 4 7
13,300	142	60	50	49	41	36	33	35	40	45	53	57	61	12. <u>96</u> 67
24,500	220	93	77	75	63	57	51	55	62	70	82	88	95	1 <u>6.25</u> 5.89

For Existing Installations Only:

Lamp Nominal													
Light Power													Monthly
Output Rating]	Montl	nly K	WH p	er Lu	minai	re				Distribution
<u>Lumens</u> Watts	<u>Jan</u>	<u>Feb</u>	Mar	<u>Apr</u>	May	<u>Jun</u>	<u>Jul</u>	Aug	Sep	<u>Oct</u>	Nov	Dec	Rate
Incandescent:				-					-				
600 105	44	37	36	30	27	24	26	30	33	39	42	45	\$ 8.98 9.18
1,000 105	44	37	36	30	27	24	26	30	33	39	42	45	10. <u>25</u> 03
2,500 205	86	72	70	59	53	47	51	58	65	76	82	89	1 <u>3.15.86</u>
6,000 448	189	157	153	128	115	103	111	127	142	167	179	194	22. <u>59</u> 10

Is	ssued:	February 1 April 29, 2022	Issued by:	/s/ Douglas W. Foley
		-		Douglas W. Foley
E	ffective:	February August 1, 2022	Title:	President, NH Electric Operations

NHPUC NO. -10 - ELECTRICITY DELIVERY
PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE
DBA EVERSOURCE ENERGY
Superseding 21^{ndst} Revised Page 76
Rate OL

Lamp No	<u>ominal</u>													
Light	Power													Monthly
Output	Rating]	Montl	ıly K	WH p	er Lu	minaiı	re				Distribution
Lumens	Watts	<u>Jan</u>	<u>Feb</u>	<u>Mar</u>	<u>Apr</u>	May	<u>Jun</u>	<u>Jul</u>	Aug	<u>Sep</u>	<u>Oct</u>	<u>Nov</u>	<u>Dec</u>	Rate
Mercury	:				_					_				
3,500	100	49	41	40	34	30	27	29	33	37	44	47	51\$	1 <u>4.06</u> 3.75
7,000	175	86	72	70	59	53	47	51	58	65	76	82	89	16. 55 92
11,000	250	123	102	100	84	75	67	72	83	92	109	117	126	20. <u>91</u> 4 6
15,000	400	191	159	155	130	116	104	112	128	143	168	181	196	23. <u>92</u> 40
20,000	400	191	159	155	130	116	104	112	128	143	168	181	196	25. <u>8326</u>
56,000	1,000	455	379	370	309	278	249	268	306	342	402	432	468	4 <u>1.05</u> .16
Fluoresco	ent:													
20,000	330		115		94	85	76	82	93	104	123	132	143\$	3 4.27 <u>5.03</u>
High Pre	ssure So	dium	in Exi	sting	Merci	ıry Lı	ımina	ires:						
12,000	150	76	63	62	52	46	42	45	51	57	67	72	78	21. <u>92</u> 4 5
34,200	360	174	145	141	118	106	95	102	117	130	154	165	179	2 <u>8.06</u> .45

The 15,000 Lumen Mercury fixture is fitted with a 20,000 lumen lamp. The 600 Lumen Incandescent fixture is fitted with a 1,000 lumen lamp.

Midnight Service Option:

The monthly kilowatt-hours and distribution rates for each luminaire served under the midnight service option are shown below.

Lamp No	<u>ominal</u>													
Light	Power													Monthly
Output	Rating		Monthly KWH per Luminaire											
Lumens	Watts	<u>Jan</u>	<u>Feb</u>	<u>Mar</u>	<u>Apr</u>	May	<u>Jun</u>	<u>Jul</u>	<u>Aug</u>	<u>Sep</u>	<u>Oct</u>	<u>Nov</u>	<u>Dec</u>	Rate
High Pre	ssure Sc	dium:			_	-			_	_				
4,000	50	12	10	9	7	6	5	6	7	8	10	12	13	\$15. <u>9459</u>
5,800	70	18	15	13	10	9	8	8	10	12	15	19	20	15. <u>9459</u>
9,500	100	27	22	19	15	13	12	12	15	18	22	27	29	$21.20\overline{0.73}$
16,000	150	40	33	28	23	20	17	18	22	26	32	40	43	29. <mark>9832</mark>
30,000	250	65	54	46	37	32	28	30	36	42	52	66	69	30. 72 05
50,000	400	100	82	70	56	50	43	45	54	64	79	100	106	3 <u>1.06</u> 0.39
130,000	1,000	234	192	165	132	116	100	106	127	151	186	235	248	$4\overline{9.85}$ 8.76
Metal Ha	ılide:													
5,000	70	19	16	13	11	9	8	9	10	12	15	19	20	\$16. <u>6226</u>
8,000	100	26	21	18	15	13	11	12	14	17	21	26	27	22. 76 26
13,000	150	41	33	29	23	20	17	18	22	26	32	41	43	$31.54\overline{0.54}$
13,500	175	44	36	31	25	22	19	20	24	28	35	44	47	31. <u>8919</u>
20,000	250	61	50	43	35	31	26	28	33	40	49	62	65	31. 89 19
36,000	400	96	79	67	54	48	41	44	52	62	76	96	102	32.18 1.48
100,000	1,000	230	189	162	130	114	98	105	125	149	184	231	244	$4\overline{8.24}\overline{7.19}$

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Lamp No Light	Power			,		1 173	X / T X	.						Monthly
Output	Rating								<u>minair</u>					Distribution
Lumens	Watts	Jan	Feb	Mar	Apr	May	Jun	<u>Jul</u>	Aug	Sep	Oct	Nov	Dec	Rate
Light En	nitting Di	io de (l	L ED):											
2,500	28	6	5	4	3	3	3	3	3	4	5	6	6	\$10.52 29
4,100	36	8	6	5	4	4	3	3	4	5	6	8	8	10. <u>50</u> 27
4,800	51	11	9	8	6	5	5	5	6	7	9	11	12	10. <u>67</u> 44
8,500	92	20	16	14	11	10	8	9	11	13	16	20	21	11. 73 4 7
13,300	142	30	25	21	17	15	13	14	16	20	24	30	32	12. <u>96</u> 67
24,500	220	47	39	33	26	23	20	21	26	30	37	47	50	1 <u>6.255.89</u>

MODIFICATION OF SERVICE OPTION

Municipal and state roadway lighting Customers may request a modification of service from the all-night service option to the midnight service option during the calendar months of January and February of each year, otherwise known as the open enrollment period. Requests received from municipal and state roadway lighting Customers after the open enrollment period shall be implemented during the subsequent open enrollment period, unless the Company determines that it is feasible and practicable to implement the request prior to the subsequent enrollment period. All other Customers may request a modification of service from the all-night service option to the midnight service option at any time. Customers requesting a modification of service from the allnight service option to the midnight service option are responsible to pay to the Company the installed cost of any additional equipment required to provide service under the midnight service option. The installed cost includes the cost of the additional equipment, labor, vehicles and overheads. The Customer is responsible to pay such costs prior to the installation of the equipment. If such a request is made concurrent with the Company's existing schedule for lamp replacement and maintenance, the Customer is responsible to pay to the Company the cost of any additional equipment required, including overheads. The Customer is responsible to pay such costs prior to the installation of the equipment.

Customers requesting a modification of service from the midnight service option to the allnight service option are responsible to pay to the Company the installation cost of the equipment
required to provide service under the all-night service option. The installation cost includes the cost
of labor, vehicles and overheads. The Customer is responsible to pay such costs prior to the
installation of the equipment. If such a request is made concurrent with the Company's existing
schedule for lamp replacement and maintenance, no additional costs are required to modify service
from the midnight service option to the all-night service option.

The Company will utilize fixed price estimates per luminaire for the installed cost, the additional equipment cost and the equipment installation cost and will update the fixed price estimates per luminaire each year based upon current costs. In the event traffic control is required during a modification of service option or for equipment repair, the Customer is responsible to coordinate and to provide traffic control and to pay all costs associated with traffic control. In the event the Customer is a residential or General Delivery Service Rate G Customer, the Company may coordinate and provide traffic control on the Customer's behalf and the Customer shall reimburse the Company for all costs associated with the traffic control provided by the Company. The scheduling of work associated with the modification of a service option will be made at the Company's discretion with consideration given to minimizing travel and set-up time.

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which are billed in conjunction with service rendered under a metered Rate Schedule, the kilowatthours used for billing purposes shall be the amount specified for the calendar month in which the later meter read date occurred for service rendered under the metered Rate Schedule.

All-Night Service Option:

The monthly kilowatt-hours and distribution rates for each fixture served under the all-night service option are shown below.

Lamp No	<u>ominal</u>													
Light	Power													Monthly
Output	Rating				Montl	nly K'	WH p	er Fix	ture					Distribution
Lumens	Watts	<u>Jan</u>	<u>Feb</u>	Mar	<u>Apr</u>	May	<u>Jun</u>	<u>Jul</u>	Aug	<u>Sep</u>	<u>Oct</u>	Nov	<u>Dec</u>	Rate
High Pre	ssure Sc	dium:			-	•				-				
4,000	50	24	20	20	17	15	13	14	16	18	22	23	25	\$6. <u>45</u> 36
5,800	70	36	30	30	25	22	20	21	24	27	32	35	37	6. <u>76</u> 67
9,500	100	53	44	43	36	33	29	31	36	40	47	51	55	7. <u>18</u> 09
16,000	150	80	66	65	54	49	43	47	53	60	70	75	82	7. <u>84</u> 75
30,000	250	128	107	104	87	78	70	76	86	96	114	122	132	<u>9.06</u> .98
50,000	400	196	163	159	133	120	107	116	132	147	173	186	202	10. <u>7769</u>
130,000	1,000	462	384	375	314	282	252	272	310	347	408	438	475	17. <u>44</u> 38
Metal Ha	alide:													
5,000	70	37	31	30	25	23	20	22	25	28	33	35	38	\$6. <u>7869</u>
8,000	100	51	42	41	35	31	28	30	34	38	45	48	53	7. <u>1203</u>
13,000	150	80	66	65	54	49	44	47	54	60	71	76	82	7. <u>85</u> 74
13,500	175	87	72	71	59	53	47	51	58	65	77	82	89	8.02 7.93
20,000	250	121	101	98	82	74	66	71	81	91	107	115	125	8.8 <mark>80</mark>
36,000	400	190	158	154	129	116	104	112	127	142	167	180	195	10. <u>6052</u>
100,000	1,000	455	378	369	309	278	248	268	306	341	402	431	468	17.2 <u>6</u> 0

LED's and other technologies accepted by the Company:

	Per	Per
	<u>Fixture</u>	<u>Watt</u>
Monthly Distribution Rates	\$3.3 2 4	\$0.01060

Monthly KWH per Fixture will be calculated to the nearest whole (1.0) KWH as follows: Total Fixture Wattage divided by 1,000 times the monthly hours of operation below

Monthly Hours of Operation												
<u>Jan</u>	<u>Feb</u>	Mar	<u>Apr</u>	<u>May</u>	<u>Jun</u>	<u>Jul</u>	Aug	<u>Sep</u>	<u>Oct</u>	Nov	<u>Dec</u>	
421	350	342	286	257	230	248	283	316	372	399	433	

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Midnight Service Option:

The monthly kilowatt-hours and distribution rates for each fixture served under the midnight service option are shown below.

Lamp No	<u>ominal</u>													
Light	Power													Monthly
Output	Rating]	Montl	nly K	WH p	er Fix	ture					Distribution
Lumens	Watts	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Rate
High Pre	ssure Sc	dium:			-									
4,000	50	12	10	9	7	6	5	6	7	8	10	12	13	\$6. <u>45</u> 36
5,800	70	18	15	13	10	9	8	8	10	12	15	19	20	6. 76 67
9,500	100	27	22	19	15	13	12	12	15	18	22	27	29	7. <u>18</u> 09
16,000	150	40	33	28	23	20	17	18	22	26	32	40	43	7. 84 75
30,000	250	65	54	46	37	32	28	30	36	42	52	66	69	$9.06\overline{8.98}$
50,000	400	100	82	70	56	50	43	45	54	64	79	100	106	10.69
130,000	1,000	234	192	165	132	116	100	106	127	151	186	235	248	17.38
Metal Ha	ilide:													
5,000	70	19	16	13	11	9	8	9	10	12	15	19	20	\$6. <u>7869</u>
8,000	100	26	21	18	15	13	11	12	14	17	21	26	27	7. <u>12</u> 03
13,000	150	41	33	29	23	20	17	18	22	26	32	41	43	7. <u>85</u> 76
13,500	175	44	36	31	25	22	19	20	24	28	35	44	47	$8.02\overline{7.93}$
20,000	250	61	50	43	35	31	26	28	33	40	49	62	65	8.8 <mark>80</mark>
36,000	400	96	79	67	54	48	41	44	52	62	76	96	102	10. <u>6052</u>
100,000	1,000	230	189	162	130	114	98	105	125	149	184	231	244	17.2 <u>6</u> 0

LED's and other technologies accepted by the Company:

	1 (1	1 (1
	<u>Fixture</u>	Watt
Monthly Distribution Rates	\$3. <u>3</u> 24	\$0.01060

Monthly KWH per Fixture will be calculated to the nearest whole (1.0) KWH as follows: Total Fixture Wattage divided by 1,000 times the monthly hours of operation below

Monthly Hours of Operation												
<u>Jan</u>	<u>Feb</u>	Mar	<u>Apr</u>	May	<u>Jun</u>	<u>Jul</u>	Aug	Sep	<u>Oct</u>	Nov	Dec	
213	175	150	120	106	91	97	116	138	170	214	226	

LEAP YEAR ADJUSTMENT TO ENERGY

During any leap year, the energy (Kilowatt-hour) usage during the month of February for all fixtures shall be increased by 3.4 percent for the purpose of determining total energy charges under this rate.

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