Public Service Company of New Hampshire, d/b/a Eversource Energy Docket No. DE 22-034 Dated: June 20, 2022 Attachment EAD-1 Page 1 of 1

# TRANSMISSION COST ADJUSTMENT MECHANISM (TCAM) CALCULATION TRANSMISSION RATES PROPOSED FOR EFFECT ON AUGUST 1, 2022

12								
13				(A)		(B)		
14				Current	P	roposed		
15				Rates		Rates		
16			F	Effective	F	Effective		
17	Rate	Blocks		01/2021 (1)	08/01/2022 (2)			
18				01/2021(1)	00/0	<u>, 112022 (2)</u>		
19	R	All KWH	\$	0.03046	\$	0.02360		
20	R		Ψ	0.00040	Ψ	0.02000		
20 21								
21	Uncontrolled Water Heating	All KWH	\$	0.02358	\$	0.01827		
22	Uncontrolled water Heating		φ	0.02356	φ	0.01627		
24			•	0 00050	<b>^</b>	0.04007		
25	Controlled Water Heating	All KWH	\$	0.02358	\$	0.01827		
26								
27								
28	R-OTOD	On-peak KWH	\$	0.03046	\$	0.02360		
29		Off-peak KWH	\$	0.01989	\$	0.01541		
30								
31								
32	G	Load charge (over 5 KW)	\$	7.86	\$	6.09		
33								
34		First 500 KWH	\$	0.02840	\$	0.02201		
35		Next 1,000 KWH	\$	0.01068	\$	0.00828		
36		All additional KWH	\$	0.00573	\$	0.00444		
37			+		+			
38								
39	Space Heating	All KWH	\$	0.02840	\$	0.02201		
40	opace ricating		Ψ	0.02040	Ψ	0.02201		
40								
41	G-OTOD	Load charge	\$	5.18	\$	4.01		
	G-010D	Load charge	φ	5.10	φ	4.01		
43								
44	1.00		•		•	0.04007		
45	LCS	Radio-controlled option	\$	0.02358	\$	0.01827		
46		8-hour option	\$	0.02358	\$	0.01827		
47		10 or 11-hour option	\$	0.02358	\$	0.01827		
48								
49								
50	GV	First 100 KW	\$	10.52	\$	8.15		
51		All additional KW	\$	10.52	\$	8.15		
52								
53								
54	LG	Demand charge	\$	10.36	\$	8.03		
55		C C						
56								
57	B (3)	Demand charge	\$	2.37	\$	3.18		
58	2 (0)	Demand charge		2.07	¥	0.10		
59								
60	OL, EOL	AII KWH	\$	0.02082	\$	0.01613		
61			φ	0.02002	φ	0.01013		
01								

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63

64 Notes:

65 (1) Current rates are based on a retail average transmission rate of 2.758 ¢/KWH.

66 (2) Proposed rates are based on a retail average transmission rate of 2.179 ¢/KWH.

67 (3)The calculation of the Rate B charge is shown on Attachment EAD-4. All other rates

68 have been calculated by adjusting current rates by an equal percentage necessary

69 to recover the remaining transmission revenue requirement.

1 2 3 4 5 6			F	Public Service Company of New Hampshire, d/b/a Eversource Energy Docket No. DE 22-034 Dated: June 20, 2022 Attachment EAD-2 Page 1 of 5
7 8	TRANSMISSION COST ADJUSTN		ECHANISM (T	CAM) CALCULATION
9			TOMERS	
10				
11				
12 13	Base Component Revenue Requirement			
13	Total Transmission Revenue Requirement	\$	166,361,401	MBP-1, Page 1, Line 16
15	· 1	Ŧ	,,	
16	Times Base Component Ratio		0.43853%	EAD-2, Page 2, Line 33
17				
18	Base Component Forecasted Revenue Requirement	\$	729,549	Line 14 x Line 16
19 20	Base Component Reconciliation	\$	2,400,697	EAD-2, Page 3, Line 32
21		<u>+</u>		
22	Base Component Revenue Requirement	\$	3,130,245	Line 18 + Line 20
23				
24	Rate B Projected Billing Demand		1,184,500	
25		•	0. G (	
26	Rate B Base Component per kW or kVA	\$	2.64	Line 22/Line 24

1 2 3 4 5 6 7	Public Service Company of New Hampshire, d/b/a Eversource Energy Docket No. DE 22-034 Dated: June 20, 2022 Attachment EAD-2 Page 2 of 5											
8	TRANSMISSION COST ADJUSTMEN	IT MECHANISM (T	CAM) CALCULA	TION								
9		CUSTOMERS										
10												
11												
12												
13												
14 15	Contribution to Coincident System Book (KM)											
15 16	Contribution to Coincident System Peak (KW) Period Ending 7/31/22			Ratio of								
17	renou Linung //5//22			Rate B to								
18		Rate B	Total PSNH	Total PSNH								
19												
20	Aug-21	7,543	1,736,738									
21	Sep	3,089	1,295,123									
22	Oct	3,097	1,049,720									
23	Nov	6,638	1,176,679									
24	Dec	9,099	1,256,775									
25 26	Jan 2022 Feb	8,555 3,739	1,351,610									
20 27	Mar	3,739 1,441	1,263,360 1,171,721									
28	Apr	4,587	993,494									
20 29	May	4,587	1,324,480									
30	Jun <sup>(1)</sup>	7,568	1,509,987									
31	Jul <sup>(1)</sup>	2,643	1,699,412									
32	oui -	2,043	1,033,412									
33	Average	5,785	1,319,092	0.43853%								

34
35
36 <sup>(1)</sup> Estimated data

1 2 3 4 5 6 7			Public Service Company of New Hampshire, d/b/a Eversource Energy Docket No. DE 22-034 Dated: June 20, 2022 Attachment EAD-2 Page 3 of 5
8	TRANSMISSION COST ADJUSTMENT M	ECHANISM (TCAM) CAL	CULATION
9	RATE B CUST	OMERS	
10			
11			
12	Estimated Base Component Reconciliation, 12 months Ending July 31, 2021		
13 14	Prior Period Transmission Revenue Requirement:		
14	Phot Penou Transmission Revenue Requirement.		
16	Retail Transmision Operating Costs	\$ 398,763,931	MBP-1, Page 4, line 11 and Page 5, line 11
17	(Over)/Underrecovery, 12 month period ending 7/31/2021	(25,059,201)	MBP-1, Page 4, line 19
18	Return on monthly (over)/underrecovery, 12 month period ending 7/31/2022	33,296	MBP-1, Page 4, line 17 and Page 5, line 21
19			
20	Prior Period Transmission Revenue Requirement	\$ 373,738,026	Sum of Lines 16 to 18
21	Times Deep Component Datio	0.43853%	
22 23	Times Base Component Ratio	0.43653%	EAD-2, Page 2, Line 33
24	Prior Period Base Component Revenue Requirement	\$ 1,638,963	Line 20 x Line 22
25			
26	Base Component Reconciliation for 12-Month Period Ending 7/31/2020	1,385,652	EAD-2, Page 5, line 32
27			
28	Total Base Component Revenue Requirement	\$ 3,024,615	Line 24 + Line 26
29 30	Base Component Revenue (actual through May 2021; June and July 2021 estimated)	623,918	
	Dase Component revenue (actual unough may 2021, June and July 2021 estimated)	023,910	
31 32	Estimated Base Component Reconciliation, 12 months Ending 7/31/2021	\$ 2,400,697	Line 28 - Line 30
52	Estimated base component recontinuitin, 12 months Ending 7/31/2021	φ 2,400,037	

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## TRANSMISSION COST ADJUSTMENT MECHANISM (TCAM) CALCULATION RATE B CUSTOMERS

9		KATE B CUSTOWERS		
10				
11				
12	Contribution to Legacy NU System Peak (KW)			
13	Period Ending 7/31/2021			Ratio of
14				Rate B to
15		Rate B	Total PSNH	Total PSNH
16				
17	Aug-20	12,374	1,631,953	
18	Sep	3,516	1,305,118	
19	Oct	4,629	1,052,999	
20	Nov	5,797	1,200,358	
21	Dec	8,829	1,294,678	
22	Jan 2021	7,075	1,248,430	
23	Feb	3,264	1,254,109	
24	Mar	1,441	1,224,574	
25	Apr	4,897	997,686	
26	May	11,928	1,419,554	
27	Jun	12,801	1,446,984	
28	Jul	3,561	1,714,299	
29	Average	6,676	1,315,895	0.50734%

1 2 3 4 5 6 7				Public Service Company of New Hampshire, d/b/a Eversource Energy Docket No. DE 22-034 Dated: June 20, 2022 Attachment EAD-2 Page 5 of 5
8	TRANSMISSION COST ADJUSTMENT MECHANIS	SM ("	TCAM) CALCUL	ATION
9	RATE B CUSTOMERS			
10				
11 12	Actual Base Component Reconciliation, 12 months Ending July 31, 2021			
13	Actual Base component Reconcination, 12 months Ending July 31, 2021			
14	Prior Period Transmission Revenue Requirement:			
15				
16	Retail Transmision Operating Costs	\$	302,289,945	MBP-1, P4, Line 11 & 2021 ELM-1 P4, Line 21
17 18	(Over)/Underrecovery, period ending 7/31/2020 Return on monthly (over)/underrecovery, period Ending 7/31/2021		11,270,275 97,993	2021 ELM-1, P4, Line 21 MBP-1, P5, Line 21 & 2021 ELM-1, P4, Line 40
	Return on monthly (over)/underrecovery, period Ending 7/31/2021		97,995	MDP-1, P3, LINE 21 & 2021 ELM-1, P4, LINE 40
19 20	Prior Period Transmission Revenue Requirement	\$	313.658.213	Sum of Lines 16 to 18
20	Thor Ferou Transmission Revenue Requirement	Ψ	515,050,215	Sum of Lines to to to
22	Times Base Component Ratio		0.50734%	EAD-2, Page 4, Line 30
23				
24	Prior Period Base Component Revenue Requirement	\$	1,591,307	Line 20 x Line 22
25 26	Base Component Reconciliation for 12-Month Period Ending 7/31/2020		418,263	2021 JAU-2, P5, Line 32
27			410,200	
28	Total Base Component Revenue Requirement	\$	2,009,571	Line 24 + Line 26
29		Ŷ	2,000,071	
30	Actual Base Component Revenue, 12 Month Period Ending 7/31/2021		623,918	
31				
32	Actual Base Component Reconciliation, 12 months Ending 7/31/2021	\$	1,385,652	Line 28 - Line 30

7 8									Eversource Energy cket No. DE 22-034 ated: June 20, 2022 Attachment EAD-3 Page 1 of 1
8									
	TRANSMISSION								
9 10	ALLOCATION		D ON 2018 BI					JLASS	
10		DAGE	D ON 2010 Bi	LLING		INAN IS			
12							Source	•	
	2018 retail billed delivery sales				7,954,422	MWH		·	
	Forecasted TCAM Rate			\$		per KWH		ment MBP-1, Page	e 1, Line 20
	Target transmission revenue			\$	173,327	. ,		3 x Line 14	mp C Line 27
	Rate B Base Component Revenue Transmission revenue to be recovered from all	l other cl	asses	\$	3,193 170,134			ment EAD-4, Colui 5 - Line 16	mn C, Line 27
18				Ŧ	,	()			
19									
20			(1)		$\langle 0 \rangle$			(2)	(4)
21 22			(1)		(2)			(3)	(4)
23		Re	evenue at	8	3/1/2022				
	Transmission revenue		3/1/2021	F	Revenue			Chang	
	excluding Rate B Base Component	R	ate Level		Target	-		Amount	Percent Change
26 27 I	Residential Rates R, R-OTOD	\$	95,938	\$	74,346		\$	(21,592)	-22.5%
28		Ŧ	,	Ŧ	,		•	()	
	General Service Rates G, G-OTOD		48,295		37,425			(10,869)	-22.5%
30 31 I	Primary General Service Rate GV		44,422		34,424			(9,998)	-22.5%
	GV Rate B - incremental component only		25		19			(6)	-22.5%
33			00.007		00.057			(0.500)	00.5%
	Large General Service Rate LG LG Rate B - incremental component only		29,237 822		22,657 637			(6,580) (185)	-22.5% -22.5%
36			022		007			(100)	-22.070
37 (	Outdoor Lighting Rates OL, EOL		807		625			(182)	-22.5%
38		•	040 540	•	470 404		•	(40,440)	00.5%
39 · 40	Total (Sum of Lines 27 to 37)	\$	219,546	\$	170,134		\$	(49,412)	-22.5%
41									
	Rate B Base Component								
	GV Rate B - base component	\$	59	\$	93 3 000		\$	34	58.1%
	LG Rate B - base component <b>Total (Line 43 + Line 44)</b>	\$	1,961 <b>2,020</b>	\$	3,099 <b>3,193</b>		\$	1,139 <b>1,173</b>	<u>58.1</u> % <b>58.1%</b>
46		Ŷ	2,020	Ψ	0,100		Ψ	1,170	00.170
47									
48 <sup>-</sup> 49	Total, all customers (Line 39 + Line 45)	\$	221,565	\$	173,327		\$	(48,238)	-21.8%
49 50									
	Total Rate B, incremental plus base:								
	Rate GV: Line 32 + Line 43	\$	84	\$	113		\$	29	34.3%
	Rate LG: Line 35+ Line 44	¢	2,783	<u>e</u>	3,736		¢	954	<u>34.3%</u>
54 <sup>-</sup> 55	Total	\$	2,867	\$	3,849		\$	983	34.3%
56									
57									
	Notes: (1) The result of applying rates offective August	of 1 202	1 to 2019 hilling	dotorro	inante				
	<ul><li>(1) The result of applying rates effective Augus</li><li>(2) The Rate B base component was taken from</li></ul>					all other c	asses v	vere calculated	
61	by adjusting current revenues for each class								
	(3) Column (2) - Column (1).								
63	(4) Column (3) / Column (1).								

1								Pub	lic Servic	e Company	of New H	ampshire
2												ce Energy
3												DE 22-034
4										D	ated: June	20, 2022
5												ent EAD-4
6											P	age 1 of 1
7												0
8												
9	-	TRANSMISSIO	N COS	T ADJUS	<b>FMEN</b>	MECHANISM	I (TCA	M) CALCUL	ATION			
10	CALC	ULATION OF T	RANSI	MISSION	REVEN	IUE AND RAT	ES FO	R RATE B C	USTON	IERS		
11	BAS	ED ON DE 06-0	28 SE	TTLEMEN	T AGF	REEMENT AR	<b>FICLE</b>	V, SECTION	5.1.1. A	ND		
12				2018 BIL	LING I	DETERMINAN	TS					
13												
14												
15		(A)		(B)	(C	) = (A) x (B)		(D)	(E) =	: (D) / (A)	(F) =	(B) + (E)
16		( )		( )	<b>x</b> - ,		А	llocated	( )		. ,	al Base
17		2018	E	Base	Re	venue from	Rev	enue from	Incr	emental	I	Plus
18		Billing		nponent		Base	Inc	cremental		nponent		emental
19		Demand	0	Rate	C	omponent	Cc	omponent	0	f Rate	F	Rate
20 21	Rate B customers on Rate GV	25 200	\$	2.64	\$	02 452	\$	19,210	\$	0.54	\$	3.18
21	Rate B customers on Rate GV	35,399	Φ	2.04	φ	93,453	Φ	19,210	φ	0.54	φ	3.10
23												
24	Rate B customers on Rate LG	1,174,005	\$	2.64	\$	3,099,373	\$	637,084	\$	0.54	\$	3.18
25												
26												
27	Total Rate B customers	1,209,404			\$	3,192,827	\$	656,293				
28												
29												

Column (B) is from Attachment JAU-2, Page 1, Line 26
 Column (D) is from Attachment JAU-3, Column (B), Lines 32 and 35.

#### Comparison of Rates Effective August 1, 2021 and Proposed Rates for Effect August 1, 2022 for Residential Service Rate R

1 2 3 4 5 6													P	Public Servi	ice (	Dated: J	sour Io. E June shme	
7 8 9 10		Comparison of Rat	tes E			t 1, 2021 and sidential Ser			es fo	or Effect Au	igus	t 1, 2022						
10 11 12 13	(A)	(B)		(C)		(D)		(E)		(F) Stranded		(G)		(H)		(1)		(J)
14 15 16	Effective Date	Charge	D	istribution Charge	Re	egulatory conciliation djustment	Ti	ransmission Charge		Cost Recovery Charge		System Benefits Charge		lectricity nsumption Tax		Energy Service Charge		Total Rate
17 18 19 20 21	August 1, 2021	Customer charge (per month) Charge per kWh	\$ <b>\$</b>	13.81 0.05177	\$	(0.00016)	\$	0.03046	\$	0.00896	\$	0.00743	\$	-	\$	0.08826	\$ \$	13.81 <b>0.18672</b>
22 23 24 25	August 1, 2022 (Proposed)	Customer charge (per month) Charge per kWh	\$ <b>\$</b>	13.81 <b>0.05363</b>	\$	0.00047	\$	0.02360	\$	0.00273	\$	0.00863	\$	-	\$	0.22566	\$ <b>\$</b>	13.81 <b>0.31472</b>
26 27 28 29	Calculation of 550	kWh monthly bill, by rate compone	ent:									\$		Change 1 each		Change as a % of		
29 30						8/1/2021		8/1/2022				ہ Change		mponent		Total Bill		
31		Distribution			\$	42.28	\$	43.31	-		\$	1.03		2.4%		0.9%		
32		Regulatory Reconciliation Adjustme	ent			(0.09)		0.26			\$	0.35		-388.9%		0.3%		
33		Transmission				16.75		12.98				(3.77)		-22.5%		-3.2%		
34 35		Stranded Cost Recovery Charge				4.93 4.09		1.50 4.75				(3.43) 0.66		-69.6% 16.1%		-2.9% 0.6%		
35 36		System Benefits Charge Electricity Consumption Tax				4.09		4.75				0.00		0.0%		0.0%		
37		Delivery Service			\$	67.96	\$	62.80	-		\$	(5.16)		-7.6%		-4.4%		
38		Energy Service				48.54		124.11	_			75.57		155.7%		64.9%		
39		Total			\$	116.50	\$	186.91			\$	70.41		60.4%		60.4%		
40 41																		
41 42 43	Calculation of 600	kWh monthly bill, by rate compone	ent:										%	Change		Change as		
44												\$		n each		a % of		
45						8/1/2021		8/1/2022	_			Change	Co	mponent		Total Bill		
46		Distribution			\$	44.87	\$	45.99			\$	1.12		2.5%		0.9%		
47 48		Regulatory Reconciliation Adjustme Transmission	ะกับ		\$	(0.10) 18.28		0.28 14.16			\$	0.38 (4.12)		-380.0% -22.5%		0.3% -3.3%		
40 49		Stranded Cost Recovery Charge				5.38		1.64				(4.12)		-69.5%		-3.0%		
50		System Benefits Charge				4.46		5.18				0.72		16.1%		0.6%		
51		Electricity Consumption Tax				-		-	_		_			0.0%		0.0%		
52		Delivery Service			\$	72.89	\$	67.25	-		\$	(5.64)		-7.7%		-4.5%		
53		Energy Service			_	52.96	<b>^</b>	135.40	-		_	82.44		155.7%		65.5%		
54 55		Total			\$	125.85	\$	202.65			\$	76.80		61.0%		61.0%		
56 57	Calculation of 650	kWh monthly bill, by rate compone	ent:															
58												¢	%	Change		Change as		

#### Calculation of 550 kWh monthly bill, by rate component:

·····	8	/1/2021	8/1/2022	С	\$ hange	% Change in each Component	Change as a % of Total Bill
Distribution	\$	42.28	\$ 43.31	\$	1.03	2.4%	0.9%
Regulatory Reconciliation Adjustment		(0.09)	0.26	\$	0.35	-388.9%	0.3%
Transmission		16.75	12.98		(3.77)	-22.5%	-3.2%
Stranded Cost Recovery Charge		4.93	1.50		(3.43)	-69.6%	-2.9%
System Benefits Charge		4.09	4.75		0.66	16.1%	0.6%
Electricity Consumption Tax		-	-		-	0.0%	0.0%
Delivery Service	\$	67.96	\$ 62.80	\$	(5.16)	-7.6%	-4.4%
Energy Service		48.54	124.11		75.57	155.7%	64.9%
Total	\$	116.50	\$ 186.91	\$	70.41	60.4%	60.4%

## Calculation of 600 kWh monthly bill, by rate component:

							\$	in each	a % of
	8	/1/2021	8	3/1/2022		С	hange	Component	Total Bill
Distribution	\$	44.87	\$	45.99	-	\$	1.12	2.5%	0.9%
Regulatory Reconciliation Adjustment	\$	(0.10)		0.28		\$	0.38	-380.0%	0.3%
Transmission		18.28		14.16			(4.12)	-22.5%	-3.3%
Stranded Cost Recovery Charge		5.38		1.64			(3.74)	-69.5%	-3.0%
System Benefits Charge		4.46		5.18			0.72	16.1%	0.6%
Electricity Consumption Tax		-		-			-	0.0%	0.0%
Delivery Service	\$	72.89	\$	67.25	-	\$	(5.64)	-7.7%	-4.5%
Energy Service		52.96		135.40			82.44	155.7%	65.5%
Total	\$	125.85	\$	202.65	-	\$	76.80	61.0%	61.0%

#### Calculation of 650 kWh monthly bill, by rate component:

•••	calculation of ooc little monthly will, wy rate components								
58 59							\$	% Change in each	Change as a % of
60		8	/1/2021	8/1/2022		(	Change	Component	Total Bill
61	Distribution	\$	47.46	\$ 48.67	-	\$	1.21	2.5%	0.9%
62	Regulatory Reconciliation Adjustment		(0.10)	0.31		\$	0.41	-410.0%	0.3%
63	Transmission		19.80	15.34			(4.46)	-22.5%	-3.3%
64	Stranded Cost Recovery Charge		5.82	1.77			(4.05)	-69.6%	-3.0%
65	System Benefits Charge		4.83	5.61			0.78	16.1%	0.6%
66	Electricity Consumption Tax		-	-			-	0.0%	0.0%
67	Delivery Service	\$	77.81	\$ 71.70	-	\$	(6.11)	-7.9%	-4.5%
68	Energy Service		57.37	146.68			89.31	155.7%	66.1%
69	Total	\$	135.18	\$ 218.38	-	\$	83.20	61.5%	61.5%

#### Comparison of Rates Effective May 1, 2022 and Proposed Rates for Effect August 1, 2022 for Residential Service Rate R

10 11																	
12 (A) 13	(B)		(C)		(D)		(E)		(F) Stranded		(G)		(H)		(I)		(J)
14				R	egulatory				Cost		System	E	lectricity		Energy		
15 Effective		D	istribution	Re	conciliation	Tra	ansmission	F	Recovery		Benefits	Co	nsumption		Service		Total
16 Date	Charge		Charge	A	djustment		Charge		Charge		Charge		Tax		Charge		Rate
17																	
18 10 Marca 0000		¢	40.04													¢	40.0
19 May 1, 2022 20	Customer charge (per month) Charge per kWh	\$ \$	13.81 <b>0.05196</b>	¢	(0.00032)	•	0.03046	\$	0.00458	\$	0.00863	\$		\$	0.10669	\$ \$	13.8 0.2020
20	Charge per kwm	Ð	0.05190	φ	(0.00032)	Ð	0.03046	Þ	0.00456	φ	0.00003	Φ	-	Ð	0.10669	Þ	0.2020
22																	
23 August 1, 2022	Customer charge (per month)	\$	13.81													\$	13.8
24 (Proposed)	Charge per kWh	φ \$	0.05363	¢	0.00047	¢	0.02360	\$	0.00273	\$	0.00863	\$	_	\$	0.22566	\$	0.3147
25	Sharge per kwin	Ψ	0.00000	Ψ	0.0004/	Ψ	0.02000	Ψ	0.00275	Ψ	0.00000	Ψ	-	Ψ	0.22000	Ψ	0.5147
26																	
	) kWh monthly bill, by rate component	ent:															
28	· · · · · · · · · · · · · · · · · · ·											%	Change	,	Change as		
29											\$		n each		a % of		
30					5/1/2022	8	8/1/2022				Change		mponent		Total Bill		
31	Distribution			\$	42.39		43.31	-		\$	0.92		2.2%		0.7%		
32	Regulatory Reconciliation Adjustme	ent			(0.18)		0.26				0.44		-244.4%		0.4%		
33	Transmission				16.75		12.98				(3.77)		-22.5%		-3.0%		
34	Stranded Cost Recovery Charge				2.52		1.50				(1.02)		-40.5%		-0.8%		
35	System Benefits Charge				4.75		4.75				-		0.0%		0.0%		
36	Electricity Consumption Tax				-		-				-		0.0%		0.0%		
37	Delivery Service			\$	66.23	\$	62.80	-		\$	(3.43)		-5.2%		-2.7%		
38	Energy Service				58.68		124.11	_			65.43		111.5%		52.4%		
39	Total			\$	124.91	\$	186.91			\$	62.00		49.6%		49.6%		
40																	
41																	
	) kWh monthly bill, by rate compone	ent:															
43													Change		Change as		
14											\$		n each		a % of		
45					5/1/2022		8/1/2022	-			Change	Co	omponent		Total Bill		
46	Distribution			\$	44.99	\$	45.99			\$	1.00		2.2%		0.7%		
47	Regulatory Reconciliation Adjustme	ent			(0.19)		0.28				0.47		-247.4%		0.3%		
48	Transmission				18.28		14.16				(4.12)		-22.5%		-3.1%		
49	Stranded Cost Recovery Charge				2.75		1.64				(1.11)		-40.4%		-0.8%		
50	System Benefits Charge				5.18		5.18				-		0.0%		0.0%		
51 52	Electricity Consumption Tax			\$	71.01	¢	67.25	-		\$	(2.76)		0.0%		0.0%		
52 53	Delivery Service			φ		φ				φ	(3.76) 71.39		-5.3% 111.5%		-2.8% 52.9%		
53 54	Energy Service Total			\$	64.01 135.02	¢	135.40 202.65	-		\$	67.63		50.1%		<u>52.9%</u> 50.1%		
55	IUlai			φ	155.02	φ	202.05			φ	07.03		50.1%		50.1%		
56																	
	) kWh monthly bill, by rate compone	ent:															
	with monting bill, by rate component	<b>.</b>										0/_	Change		Change as		
58											¢	/0	- change				

#### Calculation of 550 kWh monthly bill, by rate component:

8 9

10

					\$	in each	a % of
	Ę	5/1/2022	8/1/2022	С	hange	Component	Total Bill
Distribution	\$	42.39	\$ 43.31	\$	0.92	2.2%	0.7%
Regulatory Reconciliation Adjustment		(0.18)	0.26		0.44	-244.4%	0.4%
Transmission		16.75	12.98		(3.77)	-22.5%	-3.0%
Stranded Cost Recovery Charge		2.52	1.50		(1.02)	-40.5%	-0.8%
System Benefits Charge		4.75	4.75		-	0.0%	0.0%
Electricity Consumption Tax		-	-		-	0.0%	0.0%
Delivery Service	\$	66.23	\$ 62.80	\$	(3.43)	-5.2%	-2.7%
Energy Service		58.68	124.11		65.43	111.5%	52.4%
Total	\$	124.91	\$ 186.91	\$	62.00	49.6%	49.6%

## Calculation of 600 kWh monthly bill, by rate component:

							\$	in each	a % of
	5/*	1/2022	1	3/1/2022		CI	hange	Component	Total Bill
Distribution	\$	44.99	\$	45.99	-	\$	1.00	2.2%	0.7%
Regulatory Reconciliation Adjustment		(0.19)		0.28			0.47	-247.4%	0.3%
Transmission		18.28		14.16			(4.12)	-22.5%	-3.1%
Stranded Cost Recovery Charge		2.75		1.64			(1.11)	-40.4%	-0.8%
System Benefits Charge		5.18		5.18			-	0.0%	0.0%
Electricity Consumption Tax		-		-			-	0.0%	0.0%
Delivery Service	\$	71.01	\$	67.25	-	\$	(3.76)	-5.3%	-2.8%
Energy Service		64.01		135.40			71.39	111.5%	52.9%
Total	\$	135.02	\$	202.65		\$	67.63	50.1%	50.1%

#### Calculation of 650 kWh monthly bill, by rate component:

59						
60		5/	1/2022	8/1	1/2022	
61	Distribution	\$	47.58	\$	48.67	\$
62	Regulatory Reconciliation Adjustment		(0.21)		0.31	
63	Transmission		19.80		15.34	
64	Stranded Cost Recovery Charge		2.98		1.77	
65	System Benefits Charge		5.61		5.61	
66	Electricity Consumption Tax		-		-	
67	Delivery Service	\$	75.76	\$	71.70	\$
68	Energy Service		69.35		146.68	
69	Total	\$	145.11	\$	218.38	\$

		% Change	Change as
	\$	in each	a % of
	Change	Component	Total Bill
\$	1.09	2.3%	0.8%
	0.52	-247.6%	0.4%
	(4.46)	-22.5%	-3.1%
	(1.21)	-40.6%	-0.8%
	-	0.0%	0.0%
	-	0.0%	0.0%
\$	(4.06)	-5.4%	-2.8%
	77.33	111.5%	53.3%
\$	73.27	50.5%	50.5%

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Rate Changes Proposed for Effect on August 1, 2022

## Impact of Each Change on Delivery Service Bills

Rate Changes Expressed as a Percentage of Total Delivery Revenue for Each Class

12		ge er ret						
13		Regulatory					Total	
14		Reconciliation			System	Consumption	Delivery	
15 Class	Distribution	Adjustment	Transmission	SCRC	Benefits	Tax	Service	
16								
17 Residential	1.4%	0.7%	-5.1%	-1.6%	0.0%	0.0%	-5.3%	
18								
19 General Service	1.2%	0.6%	-6.5%	-3.0%	0.0%	0.0%	-7.7%	
20								
21 Primary General Service	0.9%	0.0%	-9.3%	-4.0%	0.0%	0.0%	-12.4%	
22 GV Rate B	1.3%	0.6%	7.7%	-2.0%	0.0%	0.0%	7.6%	
23 Total Primary General Service	0.9%	0.0%	-9.3%	-4.0%	0.0%	0.0%	-12.4%	
24								
25 Large General Service	0.8%	0.4%	-10.4%	-2.9%	0.0%	0.0%	-12.1%	
26 LG Rate B	0.7%	1.5%	18.8%	-2.0%	0.0%	0.0%	18.9%	
27 Total Large General Service	0.8%	0.5%	-8.1%	-2.8%	0.0%	0.0%	-9.6%	
28								
29 Outdoor Lighting Rate OL	2.0%	0.8%	-1.5%	-2.8%	0.0%	0.0%	-1.6%	
30 Energy Efficient Outdoor Lt. Rate EOL	1.9%	1.1%	-1.8%	-3.7%	0.0%	0.0%	-2.6%	
31 Total Outdoor Lighting	1.9%	0.9%	-1.6%	-3.1%	0.0%	0.0%	-1.9%	
32								
33 Total Retail	1.2%	0.5%	-6.2%	-2.4%	0.0%	0.0%	-7.3%	

## Rate Changes Proposed for Effect on August 1, 2022

# Impact of Each Change on Bills including Energy Service Rate Changes Expressed as a Percentage of Total Revenue for Each Class

1 2 3 4 5 6 7							Public Ser	d/b/a Doc	of New Hampshire, Eversource Energy ktet No. DE 22-034 tted: June 20, 2022 Attachment EAD-7 Page 2 of 2			
8 9		Rate Cha	nges Proposed i	for Effect on Augus	st 1, 2022							
10 11 12	Impact of Each Change on Bills including Energy Service           11         Rate Changes Expressed as a Percentage of Total Revenue for Each Class											
13			Regulatory					Total				
14			Reconciliation			System	Consumption	Energy	Delivery and			
15	Class	Distribution	Adjustment	Transmission	SCRC	Benefits	Tax	Service	Energy			
16 17 18	Residential	0.7%	0.3%	-2.6%	-0.8%	0.0%	0.0%	53.2%	50.4%			
19 20	General Service	0.6%	0.3%	-3.1%	-1.5%	0.0%	0.0%	57.5%	53.8%			
21	Primary General Service	0.3%	0.0%	-3.4%	-1.5%	0.0%	0.0%	100.0%	95.5%			
22	GV Rate B	0.7%	0.3%	4.2%	-1.1%	0.0%	0.0%	71.7%	75.8%			
23	Total General Service	0.3%	0.0%	-3.4%	-1.5%	0.0%	0.0%	99.9%	95.4%			
24			0.0%									
25	Large General Service	0.3%	0.1%	-3.2%	-0.9%	0.0%	0.0%	108.2%	104.5%			
26	LG Rate B	0.3%	0.5%	6.7%	-0.7%	0.0%	0.0%	100.8%	107.6%			
27 28	Total Large General Service	0.3%	0.1%	-2.5%	-0.9%	0.0%	0.0%	107.7%	104.7%			
29	Outdoor Lighting Rate OL	1.4%	0.6%	-1.1%	-2.1%	0.0%	0.0%	29.7%	28.5%			
30	Energy Efficient Outdoor Lt. Rate EOL	1.3%	0.7%	-1.2%	-2.5%	0.0%	0.0%	35.9%	34.2%			
31 32	Total Outdoor Lighting	1.4%	0.6%	-1.1%	-2.2%	0.0%	0.0%	31.9%	30.5%			
33	Total Retail	0.6%	0.2%	-2.9%	-1.1%	0.0%	0.0%	69.7%	66.3%			