



Line	Year	Plant Type	Project Type	Auth	Budget #	Growth (G)			Project Name	Plant Accounts	Install	Remove	Plant In Service	Original	First Revision	Second Revision	Budget	Plant Account	Date
						Non-Growth	Priority	Category						Authorization	Authorization	Authorization			
86	2021	General	Specific	21045	EAG02	NG	2	O	Tools: Normal Additions and Replacements-System Operations	394		19,157.00				17,000	106	Dec-21	
87	2021	Distribution	Specific	21046	JPB01	NG	2	A	Asphalt Restoration 2020 Projects	376 & 380		407,433.62				762,144	101	Dec-21	
88	2021	General	Specific	21047	EAG04	NG	2	O	Mueller Equipment	394		177,467.29				110,000	106	Dec-21	
89	2021	Distribution	Specific	21054	JAB02	G	1	C	200 Banfield Rd., Portsmouth (The Villages at Banfield Rd- Open Trench)	376		117,212.88		194,420		117,212.88	106	Dec-21	
90	2021	Distribution	Specific	21055	JAB03	G	1	C	25A Bartlett Ave., Somersworth (Somersworth Housing Authority)	376 & 380		190,075.79				207,704	101	Dec-21	
91	2021	Distribution	Specific	21059	JHB01	NG	2	H	Columbia St., Portsmouth City Relocate	376 & 380		93,163.79				134,587	101	May-21	
92	2021	Distribution	Specific	21060	JAB04	G	1	C	50 Cate St., Portsmouth	376		16,396.98				53,868	106	Dec-21	
93	2021	Distribution	Specific	21061	JAB05	G	1	C	Brook Realty- Phase 3 - (11 Central St., Salem)	376 & 380		24,409.34				69,968	106	Dec-21	
94	2021	Distribution	Specific	21062	JHB02	NG	2	H	5 Broadway, Rte 28. Salem - City Relocate	376		60,948.35	10,523.10			71,471.45	101	Apr-21	
95	2021	Distribution	Specific	21063	JHB03	NG	2	H	Strafford Square Rochester - City Relocate	376 & 380		126,467.11	24,495.51			150,962.62	101	Jun-21	
96	2021	Distribution	Specific	21064	JAB06	G	1	C	75 Congress St., Portsmouth (Ben Franklin Block Buildings)	376 & 380		79,649.24				57,619	101	Aug-21	
97	2021	Distribution	Specific	21067	JPB03	NG	1	R	Atkinson St., Dover Aldly-A Main Replacement	376 & 380		287,806.01	55,647.26		78,408	429,100	101	Jul-21	
98	2021	Distribution	Specific	21068	JAB08	G	1	C	58 Lafayette Rd., North Hampton	376 & 380		39,613.76				56,435	101	Aug-21	
99	2021	Distribution	Specific	21069	JPN02	NG	2	R	Franklin Heights. Rochester	376		511,773.47				836,183	106	Dec-21	
100	2021	Distribution	Specific	21071	JHB04	NG	2	H	Ocean Rd., Greenland	376 & 380		618,850.66				610,196	101	Aug-21	
101	2021	Distribution	Specific	21073	JAB10	G	1	C	65 Ocean Rd., Portsmouth (Open Trench)	376		21,299.09				46,586	106	Dec-21	
102	2021	Distribution	Specific	21075	JAB12	G	1	C	1 Progress Dr., Dover	380		34,028.69				38,426	101	Sep-21	
103	2021	Distribution	Specific	21077	JAB13	G	1	C	233 Exeter Rd., Epping (Sig Sauer)	376 & 380		69,591.77				156,059	106	Nov-21	
104	2021	Distribution	Specific	21080	JHB05	NG	2	H	Salem St Exeter City Relocate	376 & 380		108,338.99				115,410	101	Oct-21	
105	2021	Distribution	Specific	21081	JHB06	NG	2	H	Dennett St., Portsmouth City Relocate	376 & 380		697,691.27	1,147.60			1,377,451	101	Oct-21	
106	2021	Distribution	Specific	21085	JAB17	G	1	C	2 Oak Street Extension, Exeter (1 Forest St)	376		60,863.20				265,988	101	Oct-21	
107	2021	Distribution	Specific	21086	JPN03	NG	2	R	Rutland St Inlet/Outlet Dover	376		138,288.10				171,758	101	Dec-21	
108	2021	Distribution	Specific	21087	JPN04	NG	1	I	Woodbury Ave at Granite St Rd Crossing	376		85,166.44			85,166	50,665	101	Oct-21	
109	2021	Distribution	Specific	21089	JAB19	G	1	C	60 Penhallow., Portsmouth	376 & 380		32,484.17				100,975	106	Nov-21	
110	2021	Distribution	Specific	21092	JAB20	G	1	C	7and 8 Exeter Rd., Epping	376 & 380		177,172.97		187,442		143,887	106	Dec-21	
111	2021	Distribution	Specific	21094	JAB22	G	1	C	1, 5-11, 16 Northwestern Dr., Salem	376 & 380		53,016.95				126,449	101	Dec-21	
112	2021	Distribution	Specific	21095	JAB23	G	1	C	2 Willey Creek Rd., Exeter (Ray Farm Building C)	376 & 380		34,238.94				67,268	106	Dec-21	
113	2021	Distribution	Specific	21097	JHB07	NG	2	H	Cluff Crossing @ Route 28 Relocate, Salem	376		46,249.36				69,959	101	Nov-21	
114	2021	Distribution	Specific	21102	JHB08	NG	2	H	JHB08 Strafford Square, Rochester -City Relocate- Phase 2	376		14,242.74				86,365	106	Dec-21	
115												19,929,754.60	642,544.54			20,572,299.14			
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**Capital Additions**

Growth	3,332,692.03	40,873.30	3,373,565.33
Non-Growth	16,597,062.57	601,671.24	17,198,733.81
Total Additions	19,929,754.60	642,544.54	20,572,299.14

**Capital Additions Percentage Split**

Growth	17%
Non-Growth	83%
Total	100%

**Growth**

Customer Additions (C)	3,309,589.46
Mains Extensions (M)	23,102.57
Subtotal Growth	3,332,692.03

**Non-Growth**

Pipe Replacement Programs (P)	-
Other Replacement Programs (R)	3,716,347.55
System Improvements (I)	1,677,281.43
Highway Projects (H)	1,777,073.59
Asphalt Restoration (A)	409,952.68
Farm Tap Replacement (F)	405,664.73
Rochester Reinforcement (RR)	7,694,036.59
Other Non-Growth (O)	916,706.00
Subtotal Non-Growth	16,597,062.57

**Priorities**

Priority 1	13,858,551.77
Priority 2	6,049,045.18
Priority 3	22,157.65
Total	19,929,754.60

Northern Utilities, Inc. - New Hampshire  
2022 Step Adjustment

Line No.	Description	9/1/2022			Growth Source	Non-Growth Source
		Total Investment Year 2021	Growth Investment Year 2021	Non-Growth Investment Year 2021		
		(a)	(b)	(c)	(d)	(e)
<b>Rate Base:</b>						
1	Beginning Utility Plant <sup>(1)</sup>	\$ 301,245,498				
2	Plant Additions	19,929,755	3,332,692	16,597,063	DG 22-020 Rev. Sch. GSL-1, Line 119	DG 22-020 Rev. Sch. GSL-1, Line 120
3	Retirements	(180,421)	(30,170)	(150,251)	Total x DG 22-020 Rev Sch GSL-1, Line 124	Total x DG 22-020 Rev Sch GSL-1, Line 125
4	Ending Utility Plant	320,994,831	3,302,522	16,446,812		
		\$ 211,872,045				
5	Beginning Accumulated Depreciation <sup>(2)</sup>	89,373,452				
6	Depreciation Expense	10,413,124	1,741,303	8,671,822	Total x DG 22-020 Rev Sch GSL-1, Line 124	Total x DG 22-020 Rev Sch GSL-1, Line 125
7	Retirements	(180,421)	(30,170)	(150,251)	Total x DG 22-020 Rev Sch GSL-1, Line 124	Total x DG 22-020 Rev Sch GSL-1, Line 125
8	Cost of Removal, Salvage and Transfers	(642,545)	(40,873)	(601,671)	DG 22-020 Rev. Sch. GSL-1, Line 119	DG 22-020 Rev. Sch. GSL-1, Line 120
9	Ending Accumulated Depreciation	98,963,611	1,670,259	7,919,900		
10	Ending Net Utility Plant	222,031,220	1,632,263	8,526,912		
11	Change in Net Plant	10,159,175	1,632,263	8,526,912		
12	Change in Net Plant	10,159,175	1,632,263	8,526,912		
13	Pre-Tax Rate of Return	8.99%	8.99%	8.99%		
14	Return and Taxes	913,454	146,764	766,691		
15	Depreciation Expense at <sup>(3)</sup>	3.46%	689,570	115,311	574,258	
16	Property Taxes on Change in Net Plant at <sup>(4)</sup>	0.66%	67,051	10,773	56,278	
17	Amortization on Post-Test-Year Projects		157,739	-	157,739	
18	Revenue Requirement Increase	\$ 1,827,814	\$ 272,848	\$ 1,554,966		

**Notes:**

- (1) Beginning utility plant corresponds to DG 21-104 Schedule RevReq-5, Column 7, Line 1
- (2) Beginning accumulated depreciation corresponds to DG 21-104 Schedule RevReq-5, Column 7, Line 2
- (3) Book Depreciation Rate Based on the Average Depreciation Rate in Docket No. DG 21-104
- (4) Property Taxes shall include State utility property taxes for all Non-Growth Plant Additions, calculated using the statutory tax rate in RSA 83-F:2, currently \$6.60 per \$1,000 of investment. Local property taxes shall not be included in the calculation and will be recovered through the Company's Property Tax Adjustment Mechanism ("PTAM")

2021 Gross Plant Detail

Description	Beginning Balance	Additions	Retirements	Ending Balance
303-02 Intangible Software-10 Yea-G	2,064,604	-	-	2,064,604
303-30 Intangible Plant, Misc So-G	5,176,113	105,634	-	5,281,748
303-03 Intangible Software-CIS	5,585,630	-	-	5,585,630
304-20 Land Rights-G	6,816	-	-	6,816
374-40 Land Rights, Other Distr -G	89,111	-	-	89,111
374-50 Rights of Way-G	17,911	-	-	17,911
375-20 Structures City Gate Mea -G	43,350	-	-	43,350
375-70 Structures Other Distribu-G	3,217,521	4,991	-	3,222,512
376-20 Mains, Coated/Wrapped-G	29,746,227	4,333,003	(29,269)	34,049,960
376-30 Mains, Bare Steel-G	190,837	320,428	-	511,265
376-40 Mains, Plastic-G	120,342,184	9,435,649	(173,121)	129,604,713
376-50 Mains, Joint Seals-G	542,145	-	-	542,145
376-60 Mains, Cathodic Protectio-G	1,082,739	1,636,977	(540)	2,719,176
376-80 Mains, Cast Iron-G	28,455	-	-	28,455
378-20 Measuring & Regulating St-G	7,288,982	(12,164)	179,725	7,456,543
379-00 Measuring & Regulating Ta-G	39,266	-	-	39,266
380-00 Services-G	82,837,047	3,675,958	(78,013)	86,434,992
381-00 Meters-G	4,624,610	81,333	-	4,705,943
382-00 Meter Installations-G	26,001,685	51,900	-	26,053,585
383-00 House Regulators-G	733,550	71,167	-	804,717
386-10 Conversion Burners-G	998,854	550	-	999,404
386-20 Water Heaters-G	980,041	-	(67,976)	912,066
389-10 Land -G	232,947	-	-	232,947
391-10 Office Furniture & Equip-G	508,135	17,062	-	525,197
393-00 Stores Equipment-G	31,520	-	-	31,520
394-10 Tools, Shop & Garage-G	1,430,421	235,384	-	1,665,806
396-00 Power Operated Equipment-G	75,266	-	-	75,266
397-00 Communication Equipment-G	1,873,480	69	(11,227)	1,862,322
397-25 Metscan Communication Equ-G	112,656	-	-	112,656
397-35 ERT Automatic Reading Dev-G	3,470,146	(28,187)	-	3,441,960
<b>Grand Total</b>	<b>299,372,252</b>	<b>19,929,755</b>	<b>(180,421)</b>	<b>319,121,586</b>

2021 Accumulated Depreciation Detail

Description	Beginning Balance	Provision	Retirements	Cost of Removal	Salvage	Ending Balance
303-02 Intangible Software-10 Year	643,542	206,493	-	-	-	850,035
303-30 Intangible Plant, Misc Softw	3,669,843	453,408	-	-	-	4,123,250
303-03 Intangible Software-CIS	584,076	294,971	-	-	-	879,047
305-00 Structures	(374)	-	-	-	-	(374)
320-00 Other Equipment	(4,438)	-	-	-	-	(4,438)
321-00 Propane Vaporizer	(27,544)	-	-	-	-	(27,544)
375-20 Structures City Gate Mea & R	(121,994)	620	-	-	-	(121,374)
375-70 Structures Other Distributio	718,156	46,016	-	-	-	764,173
376-20 Mains, Coated/Wrapped	4,224,164	836,333	(29,269)	(158,530)	-	4,872,699
376-30 Mains, Bare Steel	(2,132,784)	-	-	-	-	(2,132,784)
376-40 Mains, Plastic	36,382,883	3,510,152	(173,121)	(264,181)	-	39,455,733
376-50 Mains, Joint Seals	542,145	-	-	-	-	542,145
376-60 Mains, Cathodic Protection	682,660	77,070	(540)	(2,087)	-	757,102
376-80 Mains, Cast Iron	(1,187,409)	-	-	-	-	(1,187,409)
378-20 Measuring & Regulating Stati	666,376	258,232	179,725	(6,737)	-	1,097,597
379-00 Measuring & Regulating Ta-G	6,432	1,374	-	-	-	7,806
380-00 Services	28,479,497	3,085,372	(78,013)	(164,912)	-	31,321,944
381-00 Meters	1,226,613	156,031	-	-	-	1,382,643
382-00 Meter Installations	6,859,297	867,330	-	(39,427)	-	7,687,201
383-00 House Regulators	212,402	25,184	-	-	-	237,586
386-10 Conversion Burners	995,117	4,287	-	-	-	999,404
386-20 Water Heaters	(35,552)	69,683	(67,976)	(5,991)	-	(39,836)
391-10 Office Furniture & Equip	298,078	44,372	-	-	-	342,450
393-00 Stores Equipment	31,511	-	-	-	-	31,511
394-10 Tools, Shop & Garage	785,741	76,592	-	-	-	862,333
396-00 Power Operated Equipment	75,266	-	-	-	-	75,266
397-00 Communication Equipment	1,570,602	169,540	(11,227)	(681)	-	1,728,234
397-25 Metscan Communication Equip	112,656	-	-	-	-	112,656
397-35 ERT Automatic Reading Device	2,766,299	230,065	-	-	-	2,996,364
<b>Grand Total</b>	<b>88,023,262</b>	<b>10,413,124</b>	<b>(180,421)</b>	<b>(642,545)</b>	<b>-</b>	<b>97,613,421</b>

**Northern Utilities, Inc. - New Hampshire**  
**Pre Tax Rate of Return**  
**5 Quarter Average Ended December 31, 2020 Pro Forma**

**Northern Utilities, Inc.**  
**Docket No. DG 22-020**  
**Revised Schedule GSL-5**  
**Page 4 of 5**

(1)	(2)	(3)	(4)	(5)	(6)	
Line No.	Description	Weight	Cost of Capital	Weighted Cost of Capital	Tax Factor	Pre-Tax Cost
1	Common Stock Equity	52.00%	9.30%	4.84%	1.3699	6.63%
2	Long Term Debt	48.00%	4.93%	2.37%		2.37%
3	Short Term Debt	<u>0.00%</u>	1.69%	<u>0.00%</u>		<u>0.00%</u>
4	Total	<u>100.00%</u>		<u>7.20%</u>		<u>8.99%</u>

**Northern Utilities, Inc. - New Hampshire Division  
Post-Test-Year Projects Amortization Expense Recovered through Step Adjustment**

Line No.	Description	Total Project Cost	Annual Amortization Expense
1	Northern Utilities Post-Test-Year Projects Amortization Expense Adjustment <sup>(1)</sup>		
2	FCS Upgrade	\$ 25,628	\$ 5,882
3	2020 IT Infrastructure	338,113	64,472
4	Customer Facing Enhancements	163,139	31,197
5	2020 Interface Enhancements	32,566	6,222
6	General Software Enhancements	1,952	383
7	2020 Reporting Blanket	25,045	4,707
8	Powerplan Upgrade	81,136	15,546
9	Total NuNH Amortization Expense Adjustment		<u>\$ 128,409</u>
10	Unitil Service Corp. ("USC") Post-Test-Year Projects Amortization Expense Adjustment <sup>(1)</sup>		
11	SOX Modernization	\$ 75,517	\$ 15,103
12	USC Time & Billing Upgrade/Replacement	625,663	125,133
13	2020 Flexi Upgrade	25,531	5,106
14	Total	<u>726,711</u>	<u>145,342</u>
15	NuNH Apportionment		20.18%
16	Total Billed to NuNH		<u>\$ 29,330</u>
17	Total Post-Test-Year Project Amortization Expense Adjustment		<u>\$ 157,739</u>

**Notes:**

(1) Refer to DG 21-104 DOE Witness Donna H. Mullinax Testimony, Page 41 of 47





Northern Utilities New Hampshire  
 Step Adjustment Rate Design

Step Adjustment	\$ 1,554,966
Total Revenue	\$ 46,118,721
	3.37%

Line No.	Rate Description	Permanent Rates, August 1, 2022			September 1, 2022 - July 31, 2023				Step Adjustment, September 1, 2022		Step Adjustment, August 1, 2023		Step Allocation	Current Revenue Excl Cust Chg	Increase to Vol. Rates	Check Total Revenue
		Projected Billing Determinants (bills or therms)	Permanent Rates	Total Revenue ("Margin") [B * C]	August Billing Determinants	Sep-Jul Billing Determinants	August 1 Rates	Total Revenue ("Margin") [F * G]	Permanent Rates	Total Revenue ("Margin") [F * I]	Permanent Rates	Total Revenue ("Margin") [B * K]				
(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)					
1	<b>R-5: Residential Heating</b>															
2	Customer Charge	314,053	\$22.20	\$ 6,971,981	26,171	287,882	\$22.20	\$ 6,390,983	\$22.20	\$ 6,390,983	\$22.20	\$ 6,971,981				
3	Summer First 50 therms	3,095,836	\$0.8841	\$ 2,737,029	303,731	2,792,105	\$0.8841	\$ 2,468,500	\$0.9266	\$ 2,587,076	\$0.9259	\$ 2,866,469				
4	Summer Excess therms	459,480	\$0.8841	\$ 406,227	-	459,480	\$0.8841	\$ 406,227	\$0.9266	\$ 425,740	\$0.9259	\$ 425,438				
5	Winter First 50 therms	6,614,343	\$0.8841	\$ 5,847,741	-	6,614,343	\$0.8841	\$ 5,847,741	\$0.9266	\$ 6,128,642	\$0.9259	\$ 6,124,294				
6	Winter Excess therms	9,436,272	\$0.8841	\$ 8,342,608	-	9,436,272	\$0.8841	\$ 8,342,608	\$0.9266	\$ 8,743,352	\$0.9259	\$ 8,737,149				
7	<b>Total</b>	<b>19,605,931</b>		<b>\$ 24,305,585</b>	<b>303,731</b>		<b>\$ 23,456,058</b>		<b>\$ 24,275,793</b>		<b>\$ 25,125,331</b>	\$ 839,035	\$ 17,466,846	4.80%	\$ 24,854,053	
									3.49%		3.37%	\$ 839,035	\$ 17,741,462	4.73%	\$ 25,723,957	
8	<b>R-10: Residential Heating, Low Income</b>															
9	Customer Charge	7,724	\$22.20	\$ 171,480	644	7,081	\$22.20	\$ 157,190	\$22.20	\$ 157,190	\$22.20	\$ 171,480				
10	Summer First 50 therms	69,877	\$0.8841	\$ 61,778	6,885	62,992	\$0.8841	\$ 55,691	\$0.9266	\$ 58,366	\$0.9259	\$ 64,700				
11	Summer Excess therms	7,196	\$0.8841	\$ 6,362	-	7,196	\$0.8841	\$ 6,362	\$0.9266	\$ 6,668	\$0.9259	\$ 6,663				
12	Winter First 50 therms	174,305	\$0.8841	\$ 154,103	-	174,305	\$0.8841	\$ 154,103	\$0.9266	\$ 161,505	\$0.9259	\$ 161,391				
13	Winter Excess therms	209,948	\$0.8841	\$ 185,615	-	209,948	\$0.8841	\$ 185,615	\$0.9266	\$ 194,531	\$0.9259	\$ 194,393				
14	<b>Total</b>	<b>461,326</b>		<b>\$ 579,338</b>	<b>6,885</b>		<b>\$ 558,961</b>		<b>\$ 578,260</b>		<b>\$ 598,626</b>					
									3.45%		3.33%					
15	<b>R-6: Residential Non-Heating</b>															
16	Customer Charge	15,320	\$22.20	\$ 340,113	1,277	14,044	\$22.20	\$ 311,770	\$22.20	\$ 311,770	\$22.20	\$ 340,113				
17	Summer First 10 therms	48,484	\$1.3081	\$ 63,421	11,564	36,920	\$1.3081	\$ 48,295	\$1.4053	\$ 51,882	\$1.4005	\$ 67,903				
18	Summer Excess therms	32,928	\$1.3081	\$ 43,073	-	32,928	\$1.3081	\$ 43,073	\$1.4053	\$ 46,273	\$1.4005	\$ 46,117				
19	Winter First 10 therms	52,003	\$1.3081	\$ 68,025	-	52,003	\$1.3081	\$ 68,025	\$1.4053	\$ 73,079	\$1.4005	\$ 72,832				
20	Winter Excess therms	103,854	\$1.3081	\$ 135,851	-	103,854	\$1.3081	\$ 135,851	\$1.4053	\$ 145,943	\$1.4005	\$ 145,451				
21	<b>Total</b>	<b>237,269</b>		<b>\$ 650,484</b>	<b>11,564</b>		<b>\$ 607,014</b>		<b>\$ 628,947</b>		<b>\$ 672,416</b>	\$ 21,932	\$ 295,244	7.43%	\$ 628,947	
									3.61%		3.37%	\$ 21,932	\$ 310,371	7.07%	\$ 672,416	
22	<b>G-40/T-40: Low Annual, High Winter Use</b>															
23	Customer Charge	62,812	\$80.00	\$ 5,024,961	5,234	57,578	\$80.00	\$ 4,606,214	\$80.00	\$ 4,606,214	\$80.00	\$ 5,024,961				
24	Summer First 75 therms	880,005	\$0.2320	\$ 204,161	91,982	788,023	\$0.2320	\$ 182,821	\$0.2556	\$ 201,413	\$0.2554	\$ 224,747				
25	Summer Excess therms	728,589	\$0.2320	\$ 169,033	-	728,589	\$0.2320	\$ 169,033	\$0.2556	\$ 186,222	\$0.2554	\$ 186,077				
26	Winter First 75 therms	1,970,201	\$0.2320	\$ 457,087	-	1,970,201	\$0.2320	\$ 457,087	\$0.2556	\$ 503,569	\$0.2554	\$ 503,176				
27	Winter Excess therms	7,302,037	\$0.2320	\$ 1,694,073	-	7,302,037	\$0.2320	\$ 1,694,073	\$0.2556	\$ 1,866,347	\$0.2554	\$ 1,864,890				
28	<b>Total</b>	<b>10,880,833</b>		<b>\$ 7,549,314</b>	<b>91,982</b>		<b>\$ 7,109,228</b>		<b>\$ 7,363,765</b>		<b>\$ 7,803,851</b>	\$ 254,537	\$ 2,503,013	10.17%	\$ 7,363,765	

Line No.	Rate Description	Permanent Rates, August 1, 2022			September 1, 2022 - July 31, 2023				Step Adjustment, September 1, 2022		Step Adjustment, August 1, 2023		Allocation	Excl Cust Chg	Vol. Rates	Total Revenue
		Projected Billing Determinants (bills or therms)	Permanent Rates	Total Revenue ("Margin")	August Billing Determinants	Sep-Jul Billing Determinants	August 1 Rates	Total Revenue ("Margin")	Permanent Rates	Total Revenue ("Margin")	Permanent Rates	Total Revenue ("Margin")				
(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)					
29	<b>G-50/T-50: Low Annual, Low Winter Use</b>								3.58%		3.37%	\$ 254,537	\$ 2,524,353	10.08%	\$ 7,803,851	
30	Customer Charge	9,978	\$80.00	\$ 798,208	831	9,146	\$80.00	\$ 731,691	\$80.00	\$ 731,691	\$80.00	\$ 798,208				
31	Summer First 75 therms	203,819	\$0.2085	\$ 42,496	114,352	89,467	\$0.2085	\$ 18,654	\$0.2359	\$ 21,106	\$0.2338	\$ 47,649				
32	Summer Excess therms	444,727	\$0.2085	\$ 92,726	-	444,727	\$0.2085	\$ 92,726	\$0.2359	\$ 104,914	\$0.2338	\$ 103,969				
33	Winter First 75 therms	220,169	\$0.2085	\$ 45,905	-	220,169	\$0.2085	\$ 45,905	\$0.2359	\$ 51,939	\$0.2338	\$ 51,471				
34	Winter Excess therms	605,858	\$0.2085	\$ 126,321	-	605,858	\$0.2085	\$ 126,321	\$0.2359	\$ 142,926	\$0.2338	\$ 141,638				
35	Total	1,474,573		\$ 1,105,657	114,352			\$ 1,015,297		\$ 1,052,576		\$ 1,142,936	\$ 37,279	\$ 283,606	13.14%	\$ 1,052,576
36	<b>G-41/T-41: Medium Annual, High Winter Use</b>								3.67%		3.37%	\$ 37,279	\$ 307,448	12.13%	\$ 1,142,936	
37	Customer Charge	8,451	\$ 225.00	\$ 1,901,430	704	7,747	\$ 225.00	\$ 1,742,978	\$225.00	\$ 1,742,978	\$225.00	\$ 1,901,430				
38	Summer All therms	2,708,960	\$ 0.2744	\$ 743,339	239,596	2,469,364	\$ 0.2744	\$ 677,593	\$0.2883	\$ 711,987	\$0.2881	\$ 780,442				
39	Winter All therms	11,714,872	\$ 0.2744	\$ 3,214,561	-	11,714,872	\$ 0.2744	\$ 3,214,561	\$0.2883	\$ 3,377,724	\$0.2881	\$ 3,375,014				
40	Total	14,423,832		\$ 5,859,330	239,596			\$ 5,635,132		\$ 5,832,689		\$ 6,056,886	\$ 197,557	\$ 3,892,154	5.08%	\$ 5,832,689
41	<b>G-51/T-51: Medium Annual, Low Winter Use</b>								3.51%		3.37%	\$ 197,557	\$ 3,957,899	4.99%	\$ 6,056,886	
42	Customer Charge	3,198	\$225.00	\$ 719,550	267	2,932	\$225.00	\$ 659,588	\$225.00	\$ 659,588	\$225.00	\$ 719,550				
43	Summer First 1,000 therms	1,169,340	\$0.1656	\$ 193,643	300,172	869,169	\$0.1656	\$ 143,934	\$0.1770	\$ 153,841	\$0.1763	\$ 206,130				
44	Summer Excess therms	770,483	\$0.1656	\$ 127,592	-	770,483	\$0.1656	\$ 127,592	\$0.1770	\$ 136,374	\$0.1763	\$ 135,820				
45	Winter First 1,300 therms	1,601,510	\$0.1656	\$ 265,210	-	1,601,510	\$0.1656	\$ 265,210	\$0.1770	\$ 283,463	\$0.1763	\$ 282,312				
46	Winter Excess therms	1,219,967	\$0.1656	\$ 202,027	-	1,219,967	\$0.1656	\$ 202,027	\$0.1770	\$ 215,931	\$0.1763	\$ 215,054				
47	Total	4,761,300		\$ 1,508,021				\$ 1,398,350		\$ 1,449,196		\$ 1,558,867	\$ 50,845	\$ 738,763	6.88%	\$ 1,449,196
48	<b>G-42/T-42: High Annual, High Winter Use</b>								3.64%		3.37%	\$ 50,845	\$ 788,471	6.45%	\$ 1,558,867	
49	Customer Charge	372	\$1,350.00	\$ 502,200	31	341	\$1,350.00	\$ 460,350	\$1,350.00	\$ 460,350	\$1,350.00	\$ 502,200				
50	Summer All therms	1,546,759	\$0.2083	\$ 322,190	192,134	1,354,625	\$0.2083	\$ 282,168	\$0.2185	\$ 296,029	\$0.2182	\$ 337,500				
51	Winter All therms	4,343,013	\$0.2083	\$ 904,650	-	4,343,013	\$0.2083	\$ 904,650	\$0.2185	\$ 949,087	\$0.2182	\$ 947,637				
52	Total	5,889,772		\$ 1,729,040				\$ 1,647,168		\$ 1,705,465		\$ 1,787,337	\$ 58,297	\$ 1,186,818	4.91%	\$ 1,705,465
53	<b>G-52/T-52: High Annual, Low Winter Use</b>								3.54%		3.37%	\$ 58,297	\$ 1,226,840	4.75%	\$ 1,787,337	
54	Customer Charge	396	\$1,350.00	\$ 534,600	33	363	\$1,350.00	\$ 490,050	\$1,350.00	\$ 490,050	\$1,350.00	\$ 534,600				
55	Summer All therms	7,856,979	\$0.1050	\$ 824,983	1,282,733	6,574,245	\$0.1050	\$ 690,296	\$0.1096	\$ 720,773	\$0.1094	\$ 859,271				
56	Winter All therms	8,560,295	\$0.1720	\$ 1,472,371	-	8,560,295	\$0.1720	\$ 1,472,371	\$0.1796	\$ 1,537,377	\$0.1791	\$ 1,533,566				
57	Total	16,417,274		\$ 2,831,954				\$ 2,652,717		\$ 2,748,200		\$ 2,927,437	\$ 95,484	\$ 2,162,667	4.42%	\$ 2,748,200
58	<b>Total</b>								3.60%		3.37%	\$ 95,484	\$ 2,297,354	4.16%	\$ 2,927,437	
59	Customer Charge	422,304		\$ 16,964,523	35,192	387,112		\$ 15,550,813		\$ 15,550,813		\$ 16,964,523				
60	Summer First Block therms	17,580,058		\$ 5,193,040	2,543,149	15,036,909		\$ 4,567,953		\$ 4,802,473		\$ 5,454,811				
61	Summer Excess therms	2,443,404		\$ 845,012	-	2,443,404		\$ 845,012		\$ 906,190		\$ 904,083				
62	Winter First Block therms	35,250,711		\$ 12,429,652	-	35,250,711		\$ 12,429,652		\$ 13,066,386		\$ 13,051,694				
63	Winter Excess therms	18,877,936		\$ 10,686,494	-	18,877,936		\$ 10,686,494		\$ 11,309,029		\$ 11,298,576				
64	Total	74,152,109		\$ 46,118,721	2,543,149	71,608,960		\$ 44,079,924		\$ 45,634,890		\$ 47,673,687	\$ 1,554,966	\$ 28,529,111		\$ 45,634,890
												\$ 1,554,966	\$ 29,154,198		\$ 47,673,687	

**Northern Utilities, Inc. - New Hampshire Division  
 Decoupling  
 Target Distribution Revenues**

Description	Effective August 1, 2022	Effective September 1, 2022
Test Year Adjusted Distribution Revenues	\$ 39,796,840	
Permanent Rate Increase <sup>(1)</sup>	6,321,881	
Distribution Revenues	\$ 46,118,721	\$ 46,118,721
 Add: Step Adjustment	 -	 1,554,966
 Target Distribution Revenues	 \$ 46,118,721	 \$ 47,673,687

**Notes:**

(1) Reflects permanent rate increase of \$6,091,477 plus \$231,477 related to the reduction of indirect production and A&G costs recovered as a part of the Company's Cost of Gas Clause

Northern Utilities, Inc. - New Hampshire Division  
Decoupling  
Target Revenues by Class

Distribution Revenues August 1, 2022-July 31, 2023	Residential				Commercial and Industrial				Total
	R6	R5-R10	G40	G50	G41	G51	G42	G52	
Test Year Distribution Revenues	\$ 493,626	\$ 20,731,783	\$ 6,745,829	\$ 1,024,226	\$ 5,235,691	\$ 1,396,947	\$ 1,545,114	\$ 2,623,624	\$ 39,796,840
Rate Increase	156,858	4,153,139	803,485	81,431	623,639	111,074	183,925	208,329	6,321,881
Distribution Revenues	\$ 650,484	\$ 24,884,923	\$ 7,549,314	\$ 1,105,657	\$ 5,859,330	\$ 1,508,021	\$ 1,729,040	\$ 2,831,954	\$ 46,118,721
Add: Step Increase	-	-	-	-	-	-	-	-	-
Target Distribution Revenues	\$ 650,484	\$ 24,884,923	\$ 7,549,314	\$ 1,105,657	\$ 5,859,330	\$ 1,508,021	\$ 1,729,040	\$ 2,831,954	\$ 46,118,721

Distribution Revenues September 1, 2022-July 31, 2023	Residential				Commercial and Industrial				Total
	R6	R5-R10	G40	G50	G41	G51	G42	G52	
Distribution Revenues	\$ 650,484	\$ 24,884,923	\$ 7,549,314	\$ 1,105,657	\$ 5,859,330	\$ 1,508,021	\$ 1,729,040	\$ 2,831,954	\$ 46,118,721
Add: Step Increase	21,932	839,035	254,537	37,279	197,557	50,845	58,297	95,484	1,554,966
Target Distribution Revenues	\$ 672,416	\$ 25,723,957	\$ 7,803,851	\$ 1,142,936	\$ 6,056,886	\$ 1,558,867	\$ 1,787,337	\$ 2,927,437	\$ 47,673,687

Northern Utilities, Inc. - New Hampshire Division  
Decoupling  
Target Revenue Per Customer (September 1, 2022 - July 31, 2023)

Effective September 1, 2022-July 31, 2023 Target Distribution Revenues	Residential				Commercial and Industrial				Total
	R6	R5-R10	G40	G50	G41	G51	G42	G52	
August (at August 1, 2022 Rates)	\$ 43,469	869,904	\$ 440,087	\$ 90,360	\$ 224,198	\$ 109,671	\$ 81,872	\$ 179,237	\$ 2,038,797
September	46,303	1,088,212	476,581	92,761	272,107	114,176	92,574	199,807	2,382,521
October	50,573	1,589,617	559,090	92,744	397,580	121,543	125,703	204,424	3,141,274
November	59,063	2,465,848	702,206	96,439	592,474	134,480	168,244	295,764	4,514,517
December	70,512	3,545,385	884,496	103,454	816,630	151,778	213,818	325,101	6,111,174
January	73,940	3,977,396	956,985	105,625	900,348	157,065	241,843	283,945	6,697,147
February	68,151	3,599,421	892,398	102,664	817,515	149,574	220,941	314,667	6,165,330
March	63,797	3,130,064	809,936	98,583	713,215	144,835	202,399	291,713	5,454,543
April	54,833	2,084,192	637,525	88,627	481,829	125,352	154,442	290,111	3,916,910
May	51,166	1,475,440	538,468	89,401	357,024	122,317	112,731	183,381	2,929,929
June	46,376	1,042,988	468,212	90,489	262,492	115,614	89,518	180,956	2,296,645
July	44,233	855,490	437,868	91,788	221,474	112,462	83,253	178,332	2,024,900
11ME July	\$ 672,416	\$ 25,723,957	\$ 7,803,851	\$ 1,142,936	\$ 6,056,886	\$ 1,558,867	\$ 1,787,337	\$ 2,927,437	\$ 47,673,687

Effective September 1, 2022-July 31, 2023 Customers in Authorized Rate Design	Residential				Commercial and Industrial			
	R6	R5-R10	G40	G50	G41	G51	G42	G52
September	\$ 1,277	\$ 26,815	\$ 5,234	\$ 831	\$ 704	\$ 267	\$ 31	\$ 33
October	1,277	26,815	5,234	831	704	267	31	33
November	1,277	26,815	5,234	831	704	267	31	33
December	1,277	26,815	5,234	831	704	267	31	33
January	1,277	26,815	5,234	831	704	267	31	33
February	1,277	26,815	5,234	831	704	267	31	33
March	1,277	26,815	5,234	831	704	267	31	33
April	1,277	26,815	5,234	831	704	267	31	33
May	1,277	26,815	5,234	831	704	267	31	33
June	1,277	26,815	5,234	831	704	267	31	33
July	1,277	26,815	5,234	831	704	267	31	33

Effective September 1, 2022-July 31, 2023 Monthly Revenue Per Customer	Residential				Commercial and Industrial			
	R6	R5-R10	G40	G50	G41	G51	G42	G52
September	\$ 36.27	\$ 40.58	\$ 91.05	\$ 111.56	\$ 386.39	\$ 428.43	\$ 2,986.26	\$ 6,054.77
October	39.61	59.28	106.81	111.54	564.56	456.07	4,054.95	6,194.65
November	46.26	91.96	134.15	115.99	841.30	504.61	5,427.24	8,962.53
December	55.23	132.22	168.98	124.42	1,159.60	569.52	6,897.34	9,851.53
January	57.91	148.33	182.83	127.04	1,278.48	589.36	7,801.39	8,604.40
February	53.38	134.23	170.49	123.47	1,160.86	561.25	7,127.11	9,535.37
March	49.97	116.73	154.74	118.57	1,012.75	543.47	6,529.00	8,839.80
April	42.95	77.73	121.80	106.59	684.19	470.36	4,981.99	8,791.23
May	40.08	55.02	102.87	107.52	506.97	458.98	3,636.48	5,557.01
June	36.32	38.90	89.45	108.83	372.73	433.83	2,887.68	5,483.51
July	34.65	31.90	83.65	110.39	314.49	422.00	2,685.58	5,403.99
Total	\$ 492.63	\$ 926.88	\$ 1,406.82	\$ 1,265.93	\$ 8,282.32	\$ 5,437.88	\$ 55,015.01	\$ 83,278.80

Northern Utilities New Hampshire  
Target Revenue Per Customer (September 1, 2022 - July 31, 2023)  
Proposed Revenue by Calendar Month

[A]	[B]	[C]	[D]	[E]	[F]	[G]	[H]	[I]	[J]
Line	Rate Class	Description	Month	Billing Determinants			Calendar Month Revenue		
				Pro Forma Test Year Customers	Winter Therms	Summer Therms	Total Calendarized Therms	Total Calendarized Revenue	Calendarized Revenue Per Customer
1	R-5	Residential Heating	January	26,171	3,569,155	0	3,569,155	\$ 3,888,065	\$ 148.56
2			February	26,171	3,167,143	0	3,167,143	\$ 3,515,573	\$ 134.33
3		<i>Rates</i>	March	26,171	2,668,501	0	2,668,501	\$ 3,053,547	\$ 116.68
4		<i>Customer</i>	April	26,171	1,566,216	0	1,566,216	\$ 2,032,205	\$ 77.65
5		\$22.20	May	26,171	0	926,189	926,189	\$ 1,439,176	\$ 54.99
6		<i>Per Therm</i>	June	26,171	0	471,753	471,753	\$ 1,018,110	\$ 38.90
7		\$0.9266	July	26,171	0	274,716	274,716	\$ 835,542	\$ 31.93
8			August	26,171	0	303,731	303,731	\$ 862,426	\$ 32.95
9			September	26,171	0	519,219	519,219	\$ 1,062,090	\$ 40.58
10			October	26,171	0	1,047,855	1,047,855	\$ 1,551,908	\$ 59.30
11			November	26,171	1,975,568	0	1,975,568	\$ 2,411,497	\$ 92.14
12			December	26,171	3,115,886	0	3,115,886	\$ 3,468,080	\$ 132.52
13					16,062,468	3,543,464	19,605,931	\$ 25,138,219	\$ 960.53
14	R-10	Res. Heating, Low Income	January	644	80,989	0	80,989	\$ 89,331	\$ 138.78
15			February	644	75,070	0	75,070	\$ 83,848	\$ 130.26
16		<i>Rates</i>	March	644	67,158	0	67,158	\$ 76,517	\$ 118.87
17		<i>Customer</i>	April	644	40,685	0	40,685	\$ 51,988	\$ 80.76
18		\$22.20	May	644	0	23,715	23,715	\$ 36,264	\$ 56.34
19		<i>Per Therm</i>	June	644	0	11,427	11,427	\$ 24,878	\$ 38.65
20		\$0.9266	July	644	0	6,106	6,106	\$ 19,948	\$ 30.99
21			August	644	0	6,885	6,885	\$ 20,670	\$ 32.11
22			September	644	0	12,769	12,769	\$ 26,122	\$ 40.58
23			October	644	0	25,275	25,275	\$ 37,709	\$ 58.58
24			November	644	43,235	0	43,235	\$ 54,350	\$ 84.43
25			December	644	68,009	0	68,009	\$ 77,305	\$ 120.10
26					375,147	86,179	461,326	\$ 598,929	\$ 930.46
27	R-6	Residential Non-Heating	January	1,277	32,447	0	32,447	\$ 73,940	\$ 57.91
28			February	1,277	28,328	0	28,328	\$ 68,151	\$ 53.38
29		<i>Rates</i>	March	1,277	25,230	0	25,230	\$ 63,797	\$ 49.97
30		<i>Customer</i>	April	1,277	18,851	0	18,851	\$ 54,833	\$ 42.95
31		\$22.20	May	1,277	0	16,241	16,241	\$ 51,166	\$ 40.08
32		<i>Per Therm</i>	June	1,277	0	12,833	12,833	\$ 46,376	\$ 36.32
33		\$1.4053	July	1,277	0	11,308	11,308	\$ 44,233	\$ 34.65
34			August	1,277	0	11,564	11,564	\$ 44,593	\$ 34.93
35			September	1,277	0	12,781	12,781	\$ 46,303	\$ 36.27
36			October	1,277	0	15,819	15,819	\$ 50,573	\$ 39.61
37			November	1,277	21,860	0	21,860	\$ 59,063	\$ 46.26
38			December	1,277	30,008	0	30,008	\$ 70,512	\$ 55.23
39					156,724	80,545	237,269	\$ 673,540	\$ 527.56

Northern Utilities New Hampshire  
Target Revenue Per Customer (September 1, 2022 - July 31, 2023)  
Proposed Revenue by Calendar Month

[A]	[B]	[C]	[D]	[E]	[F]	[G]	[H]	[I]	[J]
Line	Rate Class	Description	Month	Billing Determinants			Calendar Month Revenue		
				Pro Forma Test Year Customers	Winter Therms	Summer Therms	Total Calendarized Therms	Total Calendarized Revenue	Calendarized Revenue Per Customer
40	G-40/T-40	Low Annual, High Winter	January	5,234	2,105,842	0	2,105,842	\$ 956,985	\$ 182.83
41			February	5,234	1,853,148	0	1,853,148	\$ 892,398	\$ 170.49
42		Rates	March	5,234	1,530,519	0	1,530,519	\$ 809,936	\$ 154.74
43		Customer	April	5,234	855,965	0	855,965	\$ 637,525	\$ 121.80
44		\$80.00	May	5,234	0	468,408	468,408	\$ 538,468	\$ 102.87
45		Per Therm	June	5,234	0	193,531	193,531	\$ 468,212	\$ 89.45
46		\$0.2556	July	5,234	0	74,813	74,813	\$ 437,868	\$ 83.65
47			August	5,234	0	91,982	91,982	\$ 442,257	\$ 84.49
48			September	5,234	0	226,274	226,274	\$ 476,581	\$ 91.05
49			October	5,234	0	549,088	549,088	\$ 559,090	\$ 106.81
50			November	5,234	1,109,028	0	1,109,028	\$ 702,206	\$ 134.15
51			December	5,234	1,822,234	0	1,822,234	\$ 884,496	\$ 168.98
52					9,276,737	1,604,096	10,880,833	\$ 7,806,021	\$ 1,491.31
53	G-50/T-50	Low Annual, Low Winter	January	831	165,778	0	165,778	\$ 105,625	\$ 127.04
54			February	831	153,226	0	153,226	\$ 102,664	\$ 123.47
55		Rates	March	831	135,926	0	135,926	\$ 98,583	\$ 118.57
56		Customer	April	831	93,720	0	93,720	\$ 88,627	\$ 106.59
57		\$80.00	May	831	0	97,002	97,002	\$ 89,401	\$ 107.52
58		Per Therm	June	831	0	101,613	101,613	\$ 90,489	\$ 108.83
59		\$0.2359	July	831	0	107,123	107,123	\$ 91,788	\$ 110.39
60			August	831	0	114,352	114,352	\$ 93,494	\$ 112.44
61			September	831	0	111,245	111,245	\$ 92,761	\$ 111.56
62			October	831	0	111,176	111,176	\$ 92,744	\$ 111.54
63			November	831	126,839	0	126,839	\$ 96,439	\$ 115.99
64			December	831	156,573	0	156,573	\$ 103,454	\$ 124.42
65					832,063	642,511	1,474,573	\$ 1,146,070	\$ 1,378.37
66	G-41/T-41	Med. Annual, High Winter	January	704	2,573,095	0	2,573,095	\$ 900,348	\$ 1,278.48
67			February	704	2,285,810	0	2,285,810	\$ 817,515	\$ 1,160.86
68		Rates	March	704	1,924,069	0	1,924,069	\$ 713,215	\$ 1,012.75
69		Customer	April	704	1,121,559	0	1,121,559	\$ 481,829	\$ 684.19
70		\$225.00	May	704	0	688,701	688,701	\$ 357,024	\$ 506.97
71		Per Therm	June	704	0	360,838	360,838	\$ 262,492	\$ 372.73
72		\$0.2883	July	704	0	218,577	218,577	\$ 221,474	\$ 314.49
73			August	704	0	239,596	239,596	\$ 227,535	\$ 323.10
74			September	704	0	394,184	394,184	\$ 272,107	\$ 386.39
75			October	704	0	829,358	829,358	\$ 397,580	\$ 564.56
76			November	704	1,505,305	0	1,505,305	\$ 592,474	\$ 841.30
77			December	704	2,282,740	0	2,282,740	\$ 816,630	\$ 1,159.60
78					11,692,577	2,731,254	14,423,832	\$ 6,060,223	\$ 8,605.42

Northern Utilities New Hampshire  
Target Revenue Per Customer (September 1, 2022 - July 31, 2023)  
Proposed Revenue by Calendar Month

[A]	[B]	[C]	[D]	[E]	[F]	[G]	[H]	[I]	[J]
Line	Rate Class	Description	Month	Billing Determinants			Calendar Month Revenue		
				Pro Forma Test Year Customers	Winter Therms	Summer Therms	Total Calendarized Therms	Total Calendarized Revenue	Calendarized Revenue Per Customer
79	G-51/T-51	Med. Annual, Low Winter	January	267	548,609	0	548,609	\$ 157,065	\$ 589.36
80			February	267	506,285	0	506,285	\$ 149,574	\$ 561.25
81		<i>Rates</i>	March	267	479,510	0	479,510	\$ 144,835	\$ 543.47
82		<i>Customer</i>	April	267	369,435	0	369,435	\$ 125,352	\$ 470.36
83		\$225.00	May	267	0	352,292	352,292	\$ 122,317	\$ 458.98
84		<i>Per Therm</i>	June	267	0	314,422	314,422	\$ 115,614	\$ 433.83
85		\$0.1770	July	267	0	296,610	296,610	\$ 112,462	\$ 422.00
86			August	267	0	300,172	300,172	\$ 113,092	\$ 424.36
87			September	267	0	306,298	306,298	\$ 114,176	\$ 428.43
88			October	267	0	347,918	347,918	\$ 121,543	\$ 456.07
89			November	267	421,008	0	421,008	\$ 134,480	\$ 504.61
90			December	267	518,741	0	518,741	\$ 151,778	\$ 569.52
91					2,843,588	1,917,712	4,761,300	\$ 1,562,288	\$ 5,862.24
92	G-42/T-42	High Annual, High Winter	January	31	915,167	0	915,167	\$ 241,843	\$ 7,801.39
93			February	31	819,517	0	819,517	\$ 220,941	\$ 7,127.11
94		<i>Rates</i>	March	31	734,670	0	734,670	\$ 202,399	\$ 6,529.00
95		<i>Customer</i>	April	31	515,218	0	515,218	\$ 154,442	\$ 4,981.99
96		\$1,350.00	May	31	0	324,350	324,350	\$ 112,731	\$ 3,636.48
97		<i>Per Therm</i>	June	31	0	218,129	218,129	\$ 89,518	\$ 2,887.68
98		\$0.2185	July	31	0	189,460	189,460	\$ 83,253	\$ 2,685.58
99			August	31	0	192,134	192,134	\$ 83,837	\$ 2,704.43
100			September	31	0	232,113	232,113	\$ 92,574	\$ 2,986.26
101			October	31	0	383,712	383,712	\$ 125,703	\$ 4,054.95
102			November	31	578,379	0	578,379	\$ 168,244	\$ 5,427.24
103			December	31	786,923	0	786,923	\$ 213,818	\$ 6,897.34
104					4,349,875	1,539,897	5,889,772	\$ 1,789,303	\$ 57,719.44
105	G-52/T-52	High Annual, Low Winter	January	33	1,332,981	0	1,332,981	\$ 283,945	\$ 8,604.40
106			February	33	1,504,043	0	1,504,043	\$ 314,667	\$ 9,535.37
107		<i>Rates</i>	March	33	1,376,235	0	1,376,235	\$ 291,713	\$ 8,839.80
108		<i>Customer</i>	April	33	1,342,269	41,018	1,383,288	\$ 290,111	\$ 8,791.23
109		\$1,350.00	May	33	5,650	1,257,039	1,262,689	\$ 183,381	\$ 5,557.01
110		<i>Per Therm Summer</i>	June	33	12,462	1,223,757	1,236,219	\$ 180,956	\$ 5,483.51
111		\$0.1096	July	33	0	1,220,236	1,220,236	\$ 178,332	\$ 5,403.99
112		<i>Per Therm Winter</i>	August	33	0	1,282,733	1,282,733	\$ 185,184	\$ 5,611.62
113		\$0.1796	September	33	0	1,416,119	1,416,119	\$ 199,807	\$ 6,054.77
114			October	33	43,229	1,387,409	1,430,639	\$ 204,424	\$ 6,194.65
115			November	33	1,381,287	28,665	1,409,953	\$ 295,764	\$ 8,962.53
116			December	33	1,562,138	0	1,562,138	\$ 325,101	\$ 9,851.53
117					8,560,295	7,856,979	16,417,274	\$ 2,933,384	\$ 88,890.42
118		Total			54,149,473	20,002,636	74,152,109	\$ 47,707,977	



Northern Utilities, Inc. - New Hampshire Division  
Decoupling  
Target Revenue Per Customer (August 1, 2023 - July 31, 2024)

Effective August 1, 2023-July 31, 2024 Target Distribution Revenues	Residential				Commercial and Industrial				Total
	R6	R5-R10	G40	G50	G41	G51	G42	G52	
August	\$ 44,538	\$ 882,891	\$ 442,238	\$ 93,251	\$ 227,479	\$ 112,876	\$ 83,773	\$ 184,835	\$ 2,071,883
September	46,242	1,087,862	476,536	92,524	272,016	113,956	92,497	199,423	2,381,056
October	50,498	1,588,912	558,980	92,508	397,388	121,293	125,575	204,027	3,139,181
November	58,959	2,464,520	701,985	96,170	592,126	134,177	168,051	295,141	4,511,129
December	70,370	3,543,292	884,133	103,121	816,102	151,406	213,555	324,405	6,106,384
January	73,786	3,974,997	956,565	105,273	899,752	156,671	241,538	283,352	6,691,933
February	68,017	3,597,290	892,028	102,339	816,986	149,210	220,667	313,998	6,160,534
March	63,678	3,128,266	809,631	98,294	712,770	144,490	202,154	291,101	5,450,383
April	54,744	2,083,136	637,354	88,427	481,570	125,086	154,270	289,502	3,914,089
May	51,089	1,474,815	538,375	89,195	356,865	122,064	112,622	183,037	2,928,063
June	46,315	1,042,671	468,173	90,273	262,409	115,389	89,445	180,618	2,295,292
July	44,179	855,305	437,854	91,561	221,424	112,249	83,190	178,000	2,023,761
12ME July	\$ 672,416	\$ 25,723,957	\$ 7,803,851	\$ 1,142,936	\$ 6,056,886	\$ 1,558,867	\$ 1,787,337	\$ 2,927,437	\$ 47,673,687

Effective August 1, 2023-July 31, 2024 Customers in Authorized Rate Design	Residential				Commercial and Industrial			
	R6	R5-R10	G40	G50	G41	G51	G42	G52
August	\$ 1,277	\$ 26,815	\$ 5,234	\$ 831	\$ 704	\$ 267	\$ 31	\$ 33
September	1,277	26,815	5,234	831	704	267	31	33
October	1,277	26,815	5,234	831	704	267	31	33
November	1,277	26,815	5,234	831	704	267	31	33
December	1,277	26,815	5,234	831	704	267	31	33
January	1,277	26,815	5,234	831	704	267	31	33
February	1,277	26,815	5,234	831	704	267	31	33
March	1,277	26,815	5,234	831	704	267	31	33
April	1,277	26,815	5,234	831	704	267	31	33
May	1,277	26,815	5,234	831	704	267	31	33
June	1,277	26,815	5,234	831	704	267	31	33
July	1,277	26,815	5,234	831	704	267	31	33

Effective August 1, 2023-July 31, 2024 Monthly Revenue Per Customer	Residential				Commercial and Industrial			
	R6	R5-R10	G40	G50	G41	G51	G42	G52
August	\$ 34.89	\$ 32.93	\$ 84.49	\$ 112.15	\$ 323.02	\$ 423.55	\$ 2,702.37	\$ 5,601.06
September	36.22	40.57	91.04	111.28	386.26	427.60	2,983.76	6,043.11
October	39.55	59.26	106.79	111.26	564.28	455.13	4,050.81	6,182.64
November	46.18	91.91	134.11	115.66	840.81	503.48	5,421.01	8,943.66
December	55.12	132.14	168.91	124.02	1,158.85	568.13	6,888.87	9,830.46
January	57.79	148.24	182.75	126.61	1,277.63	587.88	7,791.54	8,586.42
February	53.28	134.15	170.42	123.08	1,160.11	559.89	7,118.29	9,515.08
March	49.88	116.66	154.68	118.22	1,012.12	542.18	6,521.09	8,821.23
April	42.88	77.69	121.76	106.35	683.82	469.37	4,976.44	8,772.78
May	40.02	55.00	102.85	107.27	506.74	458.03	3,632.98	5,546.58
June	36.28	38.88	89.44	108.57	372.62	432.98	2,885.33	5,473.26
July	34.60	31.90	83.65	110.12	314.42	421.20	2,683.54	5,393.94
Total	\$ 526.68	\$ 959.32	\$ 1,490.90	\$ 1,374.60	\$ 8,600.68	\$ 5,849.41	\$ 57,656.03	\$ 88,710.22

Northern Utilities New Hampshire  
 Target Revenue Per Customer (August 1, 2023 - July 31, 2024)  
 Proposed Revenue by Calendar Month

[A]	[B]	[C]	[D]	[E]	[F]	[G]	[H]	[I]	[J]
Line	Rate Class	Description	Month	Billing Determinants			Calendar Month Revenue		
				Pro Forma Test Year Customers	Winter Therms	Summer Therms	Total Calendarized Therms	Total Calendarized Revenue	Calendarized Revenue Per Customer
1	R-5	Residential Heating	January	26,171	3,569,155	0	3,569,155	\$ 3,885,718	\$ 148.47
2			February	26,171	3,167,143	0	3,167,143	\$ 3,513,491	\$ 134.25
3		<i>Rates</i>	March	26,171	2,668,501	0	2,668,501	\$ 3,051,793	\$ 116.61
4		<i>Customer</i>	April	26,171	1,566,216	0	1,566,216	\$ 2,031,175	\$ 77.61
5		\$22.20	May	26,171	0	926,189	926,189	\$ 1,438,567	\$ 54.97
6		<i>Per Therm</i>	June	26,171	0	471,753	471,753	\$ 1,017,800	\$ 38.89
7		\$0.9259	July	26,171	0	274,716	274,716	\$ 835,361	\$ 31.92
8			August	26,171	0	303,731	303,731	\$ 862,226	\$ 32.95
9			September	26,171	0	519,219	519,219	\$ 1,061,749	\$ 40.57
10			October	26,171	0	1,047,855	1,047,855	\$ 1,551,219	\$ 59.27
11			November	26,171	1,975,568	0	1,975,568	\$ 2,410,199	\$ 92.09
12			December	26,171	3,115,886	0	3,115,886	\$ 3,466,032	\$ 132.44
13					16,062,468	3,543,464	19,605,931	\$ 25,125,331	\$ 960.04
14	R-10	Res. Heating, Low Income	January	644	80,989	0	80,989	\$ 89,278	\$ 138.70
15			February	644	75,070	0	75,070	\$ 83,798	\$ 130.18
16		<i>Rates</i>	March	644	67,158	0	67,158	\$ 76,473	\$ 118.80
17		<i>Customer</i>	April	644	40,685	0	40,685	\$ 51,961	\$ 80.72
18		\$22.20	May	644	0	23,715	23,715	\$ 36,248	\$ 56.31
19		<i>Per Therm</i>	June	644	0	11,427	11,427	\$ 24,871	\$ 38.64
20		\$0.9259	July	644	0	6,106	6,106	\$ 19,944	\$ 30.98
21			August	644	0	6,885	6,885	\$ 20,665	\$ 32.10
22			September	644	0	12,769	12,769	\$ 26,113	\$ 40.57
23			October	644	0	25,275	25,275	\$ 37,693	\$ 58.56
24			November	644	43,235	0	43,235	\$ 54,322	\$ 84.39
25			December	644	68,009	0	68,009	\$ 77,261	\$ 120.03
26					375,147	86,179	461,326	\$ 598,626	\$ 929.99
27	R-6	Residential Non-Heating	January	1,277	32,447	0	32,447	\$ 73,786	\$ 57.79
28			February	1,277	28,328	0	28,328	\$ 68,017	\$ 53.28
29		<i>Rates</i>	March	1,277	25,230	0	25,230	\$ 63,678	\$ 49.88
30		<i>Customer</i>	April	1,277	18,851	0	18,851	\$ 54,744	\$ 42.88
31		\$22.20	May	1,277	0	16,241	16,241	\$ 51,089	\$ 40.02
32		<i>Per Therm</i>	June	1,277	0	12,833	12,833	\$ 46,315	\$ 36.28
33		\$1.4005	July	1,277	0	11,308	11,308	\$ 44,179	\$ 34.60
34			August	1,277	0	11,564	11,564	\$ 44,538	\$ 34.89
35			September	1,277	0	12,781	12,781	\$ 46,242	\$ 36.22
36			October	1,277	0	15,819	15,819	\$ 50,498	\$ 39.55
37			November	1,277	21,860	0	21,860	\$ 58,959	\$ 46.18
38			December	1,277	30,008	0	30,008	\$ 70,370	\$ 55.12
39					156,724	80,545	237,269	\$ 672,416	\$ 526.68

Northern Utilities New Hampshire  
Target Revenue Per Customer (August 1, 2023 - July 31, 2024)  
Proposed Revenue by Calendar Month

[A]	[B]	[C]	[D]	[E]	[F]	[G]	[H]	[I]	[J]
Line	Rate Class	Description	Month	Billing Determinants			Calendar Month Revenue		
				Pro Forma Test Year Customers	Winter Therms	Summer Therms	Total Calendarized Therms	Total Calendarized Revenue	Calendarized Revenue Per Customer
40	G-40/T-40	Low Annual, High Winter	January	5,234	2,105,842	0	2,105,842	\$ 956,565	\$ 182.75
41			February	5,234	1,853,148	0	1,853,148	\$ 892,028	\$ 170.42
42		Rates	March	5,234	1,530,519	0	1,530,519	\$ 809,631	\$ 154.68
43		Customer	April	5,234	855,965	0	855,965	\$ 637,354	\$ 121.76
44		\$80.00	May	5,234	0	468,408	468,408	\$ 538,375	\$ 102.85
45		Per Therm	June	5,234	0	193,531	193,531	\$ 468,173	\$ 89.44
46		\$0.2554	July	5,234	0	74,813	74,813	\$ 437,854	\$ 83.65
47			August	5,234	0	91,982	91,982	\$ 442,238	\$ 84.49
48			September	5,234	0	226,274	226,274	\$ 476,536	\$ 91.04
49			October	5,234	0	549,088	549,088	\$ 558,980	\$ 106.79
50			November	5,234	1,109,028	0	1,109,028	\$ 701,985	\$ 134.11
51			December	5,234	1,822,234	0	1,822,234	\$ 884,133	\$ 168.91
52					9,276,737	1,604,096	10,880,833	\$ 7,803,851	\$ 1,490.90
53	G-50/T-50	Low Annual, Low Winter	January	831	165,778	0	165,778	\$ 105,273	\$ 126.61
54			February	831	153,226	0	153,226	\$ 102,339	\$ 123.08
55		Rates	March	831	135,926	0	135,926	\$ 98,294	\$ 118.22
56		Customer	April	831	93,720	0	93,720	\$ 88,427	\$ 106.35
57		\$80.00	May	831	0	97,002	97,002	\$ 89,195	\$ 107.27
58		Per Therm	June	831	0	101,613	101,613	\$ 90,273	\$ 108.57
59		\$0.2338	July	831	0	107,123	107,123	\$ 91,561	\$ 110.12
60			August	831	0	114,352	114,352	\$ 93,251	\$ 112.15
61			September	831	0	111,245	111,245	\$ 92,524	\$ 111.28
62			October	831	0	111,176	111,176	\$ 92,508	\$ 111.26
63			November	831	126,839	0	126,839	\$ 96,170	\$ 115.66
64			December	831	156,573	0	156,573	\$ 103,121	\$ 124.02
65					832,063	642,511	1,474,573	\$ 1,142,936	\$ 1,374.60
66	G-41/T-41	Med. Annual, High Winter	January	704	2,573,095	0	2,573,095	\$ 899,752	\$ 1,277.63
67			February	704	2,285,810	0	2,285,810	\$ 816,986	\$ 1,160.11
68		Rates	March	704	1,924,069	0	1,924,069	\$ 712,770	\$ 1,012.12
69		Customer	April	704	1,121,559	0	1,121,559	\$ 481,570	\$ 683.82
70		\$225.00	May	704	0	688,701	688,701	\$ 356,865	\$ 506.74
71		Per Therm	June	704	0	360,838	360,838	\$ 262,409	\$ 372.62
72		\$0.2881	July	704	0	218,577	218,577	\$ 221,424	\$ 314.42
73			August	704	0	239,596	239,596	\$ 227,479	\$ 323.02
74			September	704	0	394,184	394,184	\$ 272,016	\$ 386.26
75			October	704	0	829,358	829,358	\$ 397,388	\$ 564.28
76			November	704	1,505,305	0	1,505,305	\$ 592,126	\$ 840.81
77			December	704	2,282,740	0	2,282,740	\$ 816,102	\$ 1,158.85
78					11,692,577	2,731,254	14,423,832	\$ 6,056,886	\$ 8,600.68

Northern Utilities New Hampshire  
Target Revenue Per Customer (August 1, 2023 - July 31, 2024)  
Proposed Revenue by Calendar Month

[A]	[B]	[C]	[D]	[E]	[F]	[G]	[H]	[I]	[J]
Line	Rate Class	Description	Month	Billing Determinants			Calendar Month Revenue		
				Pro Forma Test Year Customers	Winter Therms	Summer Therms	Total Calendarized Therms	Total Calendarized Revenue	Calendarized Revenue Per Customer
79	G-51/T-51	Med. Annual, Low Winter	January	267	548,609	0	548,609	\$ 156,671	\$ 587.88
80			February	267	506,285	0	506,285	\$ 149,210	\$ 559.89
81		<i>Rates</i>	March	267	479,510	0	479,510	\$ 144,490	\$ 542.18
82		<i>Customer</i>	April	267	369,435	0	369,435	\$ 125,086	\$ 469.37
83		\$225.00	May	267	0	352,292	352,292	\$ 122,064	\$ 458.03
84		<i>Per Therm</i>	June	267	0	314,422	314,422	\$ 115,389	\$ 432.98
85		\$0.1763	July	267	0	296,610	296,610	\$ 112,249	\$ 421.20
86			August	267	0	300,172	300,172	\$ 112,876	\$ 423.55
87			September	267	0	306,298	306,298	\$ 113,956	\$ 427.60
88			October	267	0	347,918	347,918	\$ 121,293	\$ 455.13
89			November	267	421,008	0	421,008	\$ 134,177	\$ 503.48
90			December	267	518,741	0	518,741	\$ 151,406	\$ 568.13
91					2,843,588	1,917,712	4,761,300	\$ 1,558,867	\$ 5,849.41
92	G-42/T-42	High Annual, High Winter	January	31	915,167	0	915,167	\$ 241,538	\$ 7,791.54
93			February	31	819,517	0	819,517	\$ 220,667	\$ 7,118.29
94		<i>Rates</i>	March	31	734,670	0	734,670	\$ 202,154	\$ 6,521.09
95		<i>Customer</i>	April	31	515,218	0	515,218	\$ 154,270	\$ 4,976.44
96		\$1,350.00	May	31	0	324,350	324,350	\$ 112,622	\$ 3,632.98
97		<i>Per Therm</i>	June	31	0	218,129	218,129	\$ 89,445	\$ 2,885.33
98		\$0.2182	July	31	0	189,460	189,460	\$ 83,190	\$ 2,683.54
99			August	31	0	192,134	192,134	\$ 83,773	\$ 2,702.37
100			September	31	0	232,113	232,113	\$ 92,497	\$ 2,983.76
101			October	31	0	383,712	383,712	\$ 125,575	\$ 4,050.81
102			November	31	578,379	0	578,379	\$ 168,051	\$ 5,421.01
103			December	31	786,923	0	786,923	\$ 213,555	\$ 6,888.87
104					4,349,875	1,539,897	5,889,772	\$ 1,787,337	\$ 57,656.03
105	G-52/T-52	High Annual, Low Winter	January	33	1,332,981	0	1,332,981	\$ 283,352	\$ 8,586.42
106			February	33	1,504,043	0	1,504,043	\$ 313,998	\$ 9,515.08
107		<i>Rates</i>	March	33	1,376,235	0	1,376,235	\$ 291,101	\$ 8,821.23
108		<i>Customer</i>	April	33	1,342,269	41,018	1,383,288	\$ 289,502	\$ 8,772.78
109		\$1,350.00	May	33	5,650	1,257,039	1,262,689	\$ 183,037	\$ 5,546.58
110		<i>Per Therm Summer</i>	June	33	12,462	1,223,757	1,236,219	\$ 180,618	\$ 5,473.26
111		\$0.1094	July	33	0	1,220,236	1,220,236	\$ 178,000	\$ 5,393.94
112		<i>Per Therm Winter</i>	August	33	0	1,282,733	1,282,733	\$ 184,835	\$ 5,601.06
113		\$0.1791	September	33	0	1,416,119	1,416,119	\$ 199,423	\$ 6,043.11
114			October	33	43,229	1,387,409	1,430,639	\$ 204,027	\$ 6,182.64
115			November	33	1,381,287	28,665	1,409,953	\$ 295,141	\$ 8,943.66
116			December	33	1,562,138	0	1,562,138	\$ 324,405	\$ 9,830.46
117					8,560,295	7,856,979	16,417,274	\$ 2,927,437	\$ 88,710.22
118		Total			54,149,473	20,002,636	74,152,109	\$ 47,673,687	

Northern Utilities - NH Division  
Residential Heating Customer - R5  
Proposed Rates versus Present Rates  
Winter

Cumulative Percentage of Bills	Average Monthly Usage (Therms)	Monthly Bills @ Present Rates	Monthly Bills @ Proposed Rates	\$ Difference	% Difference
<u>Delivery and Supply</u>					
10.0%	5.91	\$33.65	\$33.90	\$0.25	0.7%
20.0%	22.05	\$64.93	\$65.86	\$0.94	1.4%
30.0%	37.57	\$94.99	\$96.59	\$1.60	1.7%
40.0%	52.37	\$123.68	\$125.90	\$2.23	1.8%
50.0%	67.18	\$152.37	\$155.23	\$2.86	1.9%
60.0%	82.99	\$183.00	\$186.53	\$3.53	1.9%
70.0%	101.23	\$218.34	\$222.64	\$4.30	2.0%
80.0%	124.00	\$262.47	\$267.74	\$5.27	2.0%
90.0%	155.63	\$323.75	\$330.36	\$6.61	2.0%
100.0%	240.82	\$488.80	\$499.04	\$10.23	2.1%
Average	88.98	\$194.60	\$198.38	\$3.78	1.9%
<u>Distribution Only</u>					
10.0%	5.91	\$27.42	\$27.67	\$0.25	0.9%
20.0%	22.05	\$41.70	\$42.63	\$0.94	2.2%
30.0%	37.57	\$55.42	\$57.01	\$1.60	2.9%
40.0%	52.37	\$68.50	\$70.73	\$2.23	3.2%
50.0%	67.18	\$81.59	\$84.45	\$2.86	3.5%
60.0%	82.99	\$95.57	\$99.10	\$3.53	3.7%
70.0%	101.23	\$111.70	\$116.00	\$4.30	3.9%
80.0%	124.00	\$131.83	\$137.10	\$5.27	4.0%
90.0%	155.63	\$159.79	\$166.41	\$6.61	4.1%
100.0%	240.82	\$235.10	\$245.34	\$10.23	4.4%
Average	88.98	\$100.86	\$104.64	\$3.78	3.7%

Present Rates

Customer Charge (\$/customer)	\$22.20 (1)
Distribution Charge - All therms (\$/thm)	\$0.8841 (1)
LDAC (\$/thm)	\$0.0816 (2)
COGC (\$/thm)	\$0.9719 (3)

Proposed Rates

Customer Charge (\$/customer)	\$22.20 (4)
Distribution Charge - All therms (\$/thm)	\$0.9266 (4)
LDAC (\$/thm)	\$0.0816 (2)
COGC (\$/thm)	\$0.9719 (3)

- (1) Proposed settlement rates
- (2) Currently effective LDAC
- (3) Prior winter 6 month average seasonal COG
- (4) Proposed Step Increase, Schedule GSL-7

Northern Utilities - NH Division  
Residential Heating Customer - R5  
Proposed Rates versus Present Rates  
Summer

Cumulative Percentage of Bills	Average Monthly Usage (Therms)	Monthly Bills		\$ Difference	% Difference
		@ Present Rates	Monthly Bills @ Proposed Rates		
<u>Delivery and Supply</u>					
10.0%	0.00	\$22.20	\$22.20	\$0.00	0.0%
20.0%	1.76	\$25.43	\$25.51	\$0.07	0.3%
30.0%	5.79	\$32.81	\$33.06	\$0.25	0.8%
40.0%	9.28	\$39.20	\$39.60	\$0.39	1.0%
50.0%	12.82	\$45.69	\$46.23	\$0.54	1.2%
60.0%	16.63	\$52.66	\$53.37	\$0.71	1.3%
70.0%	21.15	\$60.95	\$61.85	\$0.90	1.5%
80.0%	27.57	\$72.71	\$73.88	\$1.17	1.6%
90.0%	39.21	\$94.04	\$95.71	\$1.67	1.8%
100.0%	83.07	\$174.39	\$177.92	\$3.53	2.0%
Average	21.73	\$62.01	\$62.93	\$0.92	1.5%
<u>Distribution Only</u>					
10.0%	0.00	\$22.20	\$22.20	\$0.00	0.0%
20.0%	1.76	\$23.76	\$23.83	\$0.07	0.3%
30.0%	5.79	\$27.32	\$27.57	\$0.25	0.9%
40.0%	9.28	\$30.40	\$30.80	\$0.39	1.3%
50.0%	12.82	\$33.53	\$34.08	\$0.54	1.6%
60.0%	16.63	\$36.90	\$37.61	\$0.71	1.9%
70.0%	21.15	\$40.90	\$41.80	\$0.90	2.2%
80.0%	27.57	\$46.57	\$47.74	\$1.17	2.5%
90.0%	39.21	\$56.87	\$58.53	\$1.67	2.9%
100.0%	83.07	\$95.64	\$99.17	\$3.53	3.7%
Average	21.73	\$41.41	\$42.33	\$0.92	2.2%

Present Rates

Customer Charge (\$/customer)	\$22.20 (1)
Distribution Charge - All therms (\$/thm)	\$0.8841 (1)
LDAC (\$/thm)	\$0.0816 (2)
COGC (\$/thm)	\$0.8665 (3)

Proposed Rates

Customer Charge (\$/customer)	\$22.20 (4)
Distribution Charge - All therms (\$/thm)	\$0.9266 (4)
LDAC (\$/thm)	\$0.0816 (2)
COGC (\$/thm)	\$0.8665 (3)

- (1) Proposed settlement rates
- (2) Currently effective LDAC
- (3) Projected 6 month average summer COG
- (4) Proposed Step Increase, Schedule GSL-7

Northern Utilities - NH Division  
Residential Low Income Heating Customer - R10  
Proposed Rates versus Present Rates  
Winter

Cumulative Percentage of Bills	Average Monthly Usage (Therms)	Monthly Bills @ Present Rates	Monthly Bills @ Proposed Rates	\$ Difference	% Difference
<u>Delivery and Supply</u>					
10.0%	14.96	\$28.70	\$29.05	\$0.35	1.2%
20.0%	31.25	\$46.66	\$47.39	\$0.73	1.6%
30.0%	43.22	\$59.86	\$60.87	\$1.01	1.7%
40.0%	54.61	\$72.41	\$73.69	\$1.28	1.8%
50.0%	65.94	\$84.90	\$86.44	\$1.54	1.8%
60.0%	77.14	\$97.25	\$99.05	\$1.81	1.9%
70.0%	90.21	\$111.66	\$113.77	\$2.11	1.9%
80.0%	108.11	\$131.40	\$133.93	\$2.53	1.9%
90.0%	135.38	\$161.46	\$164.63	\$3.17	2.0%
100.0%	205.88	\$239.18	\$243.99	\$4.82	2.0%
Average	82.67	\$103.35	\$105.28	\$1.93	1.9%
<u>Distribution Only</u>					
10.0%	14.96	\$35.42	\$36.06	\$0.64	1.8%
20.0%	31.25	\$49.83	\$51.16	\$1.33	2.7%
30.0%	43.22	\$60.41	\$62.25	\$1.84	3.0%
40.0%	54.61	\$70.48	\$72.80	\$2.32	3.3%
50.0%	65.94	\$80.50	\$83.30	\$2.80	3.5%
60.0%	77.14	\$90.40	\$93.68	\$3.28	3.6%
70.0%	90.21	\$101.96	\$105.79	\$3.83	3.8%
80.0%	108.11	\$117.78	\$122.38	\$4.59	3.9%
90.0%	135.38	\$141.89	\$147.65	\$5.75	4.1%
100.0%	205.88	\$204.22	\$212.97	\$8.75	4.3%
Average	82.67	\$95.29	\$98.80	\$3.51	3.7%

Present Rates

Customer Charge (\$/customer)	\$22.20 (1)
Distribution Charge - All therms (\$/thm)	\$0.8841 (1)
LDAC (\$/thm)	\$0.0816 (2)
COGC (\$/thm)	\$0.9719 (3)
45% Customer Charge Discount (\$/customer)	-\$9.99 (5)
45% Therm Discount - All therms (\$/thm)	-\$0.8352 (5)

Proposed Rates

Customer Charge (\$/customer)	\$22.20 (4)
Distribution Charge - All therms (\$/thm)	\$0.9266 (4)
LDAC (\$/thm)	\$0.0816 (2)
COGC (\$/thm)	\$0.9719 (3)
45% Customer Charge Discount (\$/customer)	-\$9.99 (5)
45% Therm Discount - All therms (\$/thm)	-\$0.8543 (5)

- (1) Proposed settlement rates
- (2) Currently effective LDAC
- (3) Prior winter 6 month average seasonal COG
- (4) Proposed Step Increase, Schedule GSL-7
- (5) Low income customers receive a 45% discount on the customer charge, distribution charges, and COG in the winter period only

Northern Utilities - NH Division  
Residential Low Income Heating Customer - R10  
Proposed Rates versus Present Rates  
Summer

Cumulative Percentage of Bills	Average Monthly Usage (Therms)	Monthly Bills @ Present Rates	Monthly Bills @ Proposed Rates	\$ Difference	% Difference
<u>Delivery and Supply</u>					
10.0%	0.15	\$22.47	\$22.48	\$0.01	0.0%
20.0%	3.16	\$27.99	\$28.12	\$0.13	0.5%
30.0%	6.95	\$34.94	\$35.23	\$0.30	0.8%
40.0%	10.00	\$40.52	\$40.94	\$0.42	1.0%
50.0%	12.74	\$45.54	\$46.08	\$0.54	1.2%
60.0%	16.06	\$51.62	\$52.30	\$0.68	1.3%
70.0%	20.58	\$59.90	\$60.77	\$0.87	1.5%
80.0%	27.06	\$71.79	\$72.94	\$1.15	1.6%
90.0%	39.85	\$95.21	\$96.91	\$1.69	1.8%
100.0%	80.33	\$169.38	\$172.80	\$3.41	2.0%
Average	21.69	\$61.94	\$62.86	\$0.92	1.5%
<u>Distribution Only</u>					
10.0%	0.15	\$22.33	\$22.34	\$0.01	0.0%
20.0%	3.16	\$24.99	\$25.13	\$0.13	0.5%
30.0%	6.95	\$28.35	\$28.64	\$0.30	1.0%
40.0%	10.00	\$31.04	\$31.46	\$0.42	1.4%
50.0%	12.74	\$33.46	\$34.00	\$0.54	1.6%
60.0%	16.06	\$36.40	\$37.08	\$0.68	1.9%
70.0%	20.58	\$40.39	\$41.27	\$0.87	2.2%
80.0%	27.06	\$46.13	\$47.28	\$1.15	2.5%
90.0%	39.85	\$57.43	\$59.12	\$1.69	2.9%
100.0%	80.33	\$93.22	\$96.64	\$3.41	3.7%
Average	21.69	\$41.37	\$42.30	\$0.92	2.2%

Present Rates

Customer Charge (\$/customer)	\$22.20 (1)
Distribution Charge - All therms (\$/thm)	\$0.8841 (1)
LDAC (\$/thm)	\$0.0816 (2)
COGC (\$/thm)	\$0.8665 (3)

Proposed Rates

Customer Charge (\$/customer)	\$22.20 (4)
Distribution Charge - All therms (\$/thm)	\$0.9266 (4)
LDAC (\$/thm)	\$0.0816 (2)
COGC (\$/thm)	\$0.8665 (3)

- (1) Proposed settlement rates
- (2) Currently effective LDAC
- (3) Projected 6 month average summer COG
- (4) Proposed Step Increase, Schedule GSL-7



Northern Utilities - NH Division  
Residential Non-Heating Customer - R6  
Proposed Rates versus Present Rates  
Winter

Cumulative Percentage of Bills	Average Monthly Usage (Therms)	Monthly Bills @ Present Rates	Monthly Bills @ Proposed Rates	\$ Difference	% Difference
<u>Delivery and Supply</u>					
10.0%	0.00	\$22.20	\$22.20	\$0.00	0.0%
20.0%	0.50	\$23.38	\$23.43	\$0.05	0.2%
30.0%	2.23	\$27.48	\$27.69	\$0.22	0.8%
40.0%	5.44	\$35.06	\$35.59	\$0.53	1.5%
50.0%	9.21	\$43.96	\$44.85	\$0.90	2.0%
60.0%	12.95	\$52.79	\$54.05	\$1.26	2.4%
70.0%	17.13	\$62.66	\$64.32	\$1.67	2.7%
80.0%	23.24	\$77.08	\$79.33	\$2.26	2.9%
90.0%	36.13	\$107.53	\$111.04	\$3.51	3.3%
100.0%	78.37	\$207.27	\$214.89	\$7.62	3.7%
Average	18.52	\$65.94	\$67.74	\$1.80	2.7%
<u>Distribution Only</u>					
10.0%	0.00	\$22.20	\$22.20	\$0.00	0.0%
20.0%	0.50	\$22.86	\$22.90	\$0.05	0.2%
30.0%	2.23	\$25.12	\$25.34	\$0.22	0.9%
40.0%	5.44	\$29.32	\$29.85	\$0.53	1.8%
50.0%	9.21	\$34.25	\$35.15	\$0.90	2.6%
60.0%	12.95	\$39.14	\$40.40	\$1.26	3.2%
70.0%	17.13	\$44.61	\$46.27	\$1.67	3.7%
80.0%	23.24	\$52.60	\$54.85	\$2.26	4.3%
90.0%	36.13	\$69.46	\$72.97	\$3.51	5.1%
100.0%	78.37	\$124.71	\$132.33	\$7.62	6.1%
Average	18.52	\$46.43	\$48.23	\$1.80	3.9%

Present Rates

Customer Charge (\$/customer)	\$22.20	(1)
Distribution Charge - All therms (\$/thm)	\$1.3081	(1)
LDAC (\$/thm)	\$0.0816	(2)
COGC (\$/thm)	\$0.9719	(3)

Proposed Rates

Customer Charge (\$/customer)	\$22.20	(4)
Distribution Charge - All therms (\$/thm)	\$1.4053	(4)
LDAC (\$/thm)	\$0.0816	(2)
COGC (\$/thm)	\$0.9719	(3)

- (1) Proposed settlement rates
- (2) Currently effective LDAC
- (3) Prior winter 6 month average seasonal COG
- (4) Proposed Step Increase, Schedule GSL-7

Northern Utilities - NH Division  
Residential Non-Heating Customer - R6  
Proposed Rates versus Present Rates  
Summer

Cumulative Percentage of Bills	Average Monthly Usage (Therms)	Monthly Bills @ Present Rates	Monthly Bills @ Proposed Rates	\$ Difference	% Difference
<u>Delivery and Supply</u>					
10.0%	0.00	\$22.20	\$22.20	\$0.00	0.0%
20.0%	0.70	\$23.78	\$23.84	\$0.07	0.3%
30.0%	1.96	\$26.62	\$26.81	\$0.19	0.7%
40.0%	3.94	\$31.10	\$31.48	\$0.38	1.2%
50.0%	6.31	\$36.43	\$37.05	\$0.61	1.7%
60.0%	8.51	\$41.40	\$42.22	\$0.83	2.0%
70.0%	10.84	\$46.66	\$47.72	\$1.05	2.3%
80.0%	13.60	\$52.87	\$54.20	\$1.32	2.5%
90.0%	17.92	\$62.64	\$64.38	\$1.74	2.8%
100.0%	37.81	\$107.50	\$111.18	\$3.68	3.4%
Average	10.16	\$45.12	\$46.11	\$0.99	2.2%
<u>Distribution Only</u>					
10.0%	0.00	\$22.20	\$22.20	\$0.00	0.0%
20.0%	0.70	\$23.11	\$23.18	\$0.07	0.3%
30.0%	1.96	\$24.77	\$24.96	\$0.19	0.8%
40.0%	3.94	\$27.36	\$27.74	\$0.38	1.4%
50.0%	6.31	\$30.45	\$31.07	\$0.61	2.0%
60.0%	8.51	\$33.33	\$34.16	\$0.83	2.5%
70.0%	10.84	\$36.38	\$37.44	\$1.05	2.9%
80.0%	13.60	\$39.98	\$41.31	\$1.32	3.3%
90.0%	17.92	\$45.65	\$47.39	\$1.74	3.8%
100.0%	37.81	\$71.66	\$75.33	\$3.68	5.1%
Average	10.16	\$35.49	\$36.48	\$0.99	2.8%

Present Rates

Customer Charge (\$/customer)	\$22.20	(1)
Distribution Charge - All therms (\$/thm)	\$1.3081	(1)
LDAC (\$/thm)	\$0.0816	(2)
COGC (\$/thm)	\$0.8665	(3)

Proposed Rates

Customer Charge (\$/customer)	\$22.20	(4)
Distribution Charge - All therms (\$/thm)	\$1.4053	(4)
LDAC (\$/thm)	\$0.0816	(2)
COGC (\$/thm)	\$0.8665	(3)

- (1) Proposed settlement rates
- (2) Currently effective LDAC
- (3) Projected 6 month average summer COG
- (4) Proposed Step Increase, Schedule GSL-7

Northern Utilities - NH Division  
General Service - Low Annual, High Winter Use - G40  
Proposed Rates versus Present Rates  
Winter

Cumulative Percentage of Bills	Average Monthly Usage (Therms)	Monthly Bills @ Present Rates	Monthly Bills @ Proposed Rates	\$ Difference	% Difference
<u>Delivery and Supply</u>					
10.0%	5.08	\$86.45	\$86.57	\$0.12	0.1%
20.0%	29.08	\$116.94	\$117.63	\$0.69	0.6%
30.0%	58.36	\$154.13	\$155.51	\$1.38	0.9%
40.0%	91.27	\$195.93	\$198.08	\$2.15	1.1%
50.0%	132.07	\$247.75	\$250.87	\$3.12	1.3%
60.0%	183.41	\$312.97	\$317.30	\$4.33	1.4%
70.0%	248.65	\$395.84	\$401.71	\$5.87	1.5%
80.0%	341.54	\$513.82	\$521.88	\$8.06	1.6%
90.0%	491.01	\$703.69	\$715.27	\$11.59	1.6%
100.0%	989.61	\$1,337.00	\$1,360.36	\$23.35	1.7%
Average	257.01	\$406.45	\$412.52	\$6.07	1.5%
<u>Distribution Only</u>					
10.0%	5.08	\$81.18	\$81.30	\$0.12	0.1%
20.0%	29.08	\$86.75	\$87.43	\$0.69	0.8%
30.0%	58.36	\$93.54	\$94.92	\$1.38	1.5%
40.0%	91.27	\$101.17	\$103.33	\$2.15	2.1%
50.0%	132.07	\$110.64	\$113.76	\$3.12	2.8%
60.0%	183.41	\$122.55	\$126.88	\$4.33	3.5%
70.0%	248.65	\$137.69	\$143.56	\$5.87	4.3%
80.0%	341.54	\$159.24	\$167.30	\$8.06	5.1%
90.0%	491.01	\$193.92	\$205.50	\$11.59	6.0%
100.0%	989.61	\$309.59	\$332.94	\$23.35	7.5%
Average	257.01	\$139.63	\$145.69	\$6.07	4.3%

Present Rates

Customer Charge (\$/customer)	\$80.00 (1)
Distribution Charge - All therms (\$/thm)	\$0.2320 (1)
LDAC (\$/thm)	\$0.0504 (2)
COGC (\$/thm)	\$0.9878 (3)

Proposed Rates

Customer Charge (\$/customer)	\$80.00 (4)
Distribution Charge - All therms (\$/thm)	\$0.2556 (4)
LDAC (\$/thm)	\$0.0504 (2)
COGC (\$/thm)	\$0.9878 (3)

- (1) Proposed settlement rates
- (2) Currently effective LDAC
- (3) Prior winter 6 month average seasonal COG
- (4) Proposed Step Increase, Schedule GSL-7

Northern Utilities - NH Division  
General Service - Low Annual, High Winter Use - G40  
Proposed Rates versus Present Rates  
Summer

Cumulative Percentage of Bills	Average Monthly Usage (Therms)	Monthly Bills @ Present Rates	Monthly Bills @ Proposed Rates	\$ Difference	% Difference
<u>Delivery and Supply</u>					
10.0%	0.00	\$80.00	\$80.00	\$0.00	0.0%
20.0%	0.00	\$80.00	\$80.00	\$0.00	0.0%
30.0%	0.00	\$80.00	\$80.00	\$0.00	0.0%
40.0%	1.02	\$81.19	\$81.21	\$0.02	0.0%
50.0%	5.22	\$86.08	\$86.21	\$0.12	0.1%
60.0%	11.96	\$93.92	\$94.21	\$0.28	0.3%
70.0%	25.29	\$109.44	\$110.04	\$0.60	0.5%
80.0%	49.28	\$137.37	\$138.53	\$1.16	0.8%
90.0%	93.76	\$189.15	\$191.36	\$2.21	1.2%
100.0%	280.68	\$406.74	\$413.37	\$6.62	1.6%
Average	46.72	\$134.39	\$135.49	\$1.10	0.8%
<u>Distribution Only</u>					
10.0%	0.00	\$80.00	\$80.00	\$0.00	0.0%
20.0%	0.00	\$80.00	\$80.00	\$0.00	0.0%
30.0%	0.00	\$80.00	\$80.00	\$0.00	0.0%
40.0%	1.02	\$80.24	\$80.26	\$0.02	0.0%
50.0%	5.22	\$81.21	\$81.34	\$0.12	0.2%
60.0%	11.96	\$82.77	\$83.06	\$0.28	0.3%
70.0%	25.29	\$85.87	\$86.46	\$0.60	0.7%
80.0%	49.28	\$91.43	\$92.60	\$1.16	1.3%
90.0%	93.76	\$101.75	\$103.97	\$2.21	2.2%
100.0%	280.68	\$145.12	\$151.74	\$6.62	4.6%
Average	46.72	\$90.84	\$91.94	\$1.10	1.2%

Present Rates

Customer Charge (\$/customer)	\$80.00 (1)
Distribution Charge - All therms (\$/thm)	\$0.2320 (1)
LDAC (\$/thm)	\$0.0504 (2)
COGC (\$/thm)	\$0.8817 (3)

Proposed Rates

Customer Charge (\$/customer)	\$80.00 (4)
Distribution Charge - All therms (\$/thm)	\$0.2556 (4)
LDAC (\$/thm)	\$0.0504 (2)
COGC (\$/thm)	\$0.8817 (3)

- (1) Proposed settlement rates
- (2) Currently effective LDAC
- (3) Projected 6 month average summer COG
- (4) Proposed Step Increase, Schedule GSL-7

Northern Utilities - NH Division  
General Service - Low Annual, Low Winter Use - G50  
Proposed Rates versus Present Rates  
Winter

Cumulative Percentage of Bills	Average Monthly Usage (Therms)	Monthly Bills @ Present Rates	Monthly Bills @ Proposed Rates	\$ Difference	% Difference
<u>Delivery and Supply</u>					
10.0%	0.00	\$80.00	\$80.00	\$0.00	0.0%
20.0%	1.04	\$81.18	\$81.21	\$0.03	0.0%
30.0%	6.81	\$87.74	\$87.93	\$0.19	0.2%
40.0%	17.70	\$100.13	\$100.61	\$0.49	0.5%
50.0%	40.86	\$126.45	\$127.57	\$1.12	0.9%
60.0%	78.30	\$169.02	\$171.16	\$2.15	1.3%
70.0%	146.37	\$246.40	\$250.41	\$4.01	1.6%
80.0%	259.74	\$375.30	\$382.42	\$7.12	1.9%
90.0%	406.53	\$542.18	\$553.32	\$11.14	2.1%
100.0%	704.50	\$880.95	\$900.25	\$19.30	2.2%
Average	166.18	\$268.94	\$273.49	\$4.55	1.7%
<u>Distribution Only</u>					
10.0%	0.00	\$80.00	\$80.00	\$0.00	0.0%
20.0%	1.04	\$80.22	\$80.24	\$0.03	0.0%
30.0%	6.81	\$81.42	\$81.61	\$0.19	0.2%
40.0%	17.70	\$83.69	\$84.18	\$0.49	0.6%
50.0%	40.86	\$88.52	\$89.64	\$1.12	1.3%
60.0%	78.30	\$96.33	\$98.47	\$2.15	2.2%
70.0%	146.37	\$110.52	\$114.53	\$4.01	3.6%
80.0%	259.74	\$134.16	\$141.27	\$7.12	5.3%
90.0%	406.53	\$164.76	\$175.90	\$11.14	6.8%
100.0%	704.50	\$226.89	\$246.19	\$19.30	8.5%
Average	166.18	\$114.65	\$119.20	\$4.55	4.0%

Present Rates

Customer Charge (\$/customer)	\$80.00 (1)
Distribution Charge - All therms (\$/thm)	\$0.2085 (1)
LDAC (\$/thm)	\$0.0504 (2)
COGC (\$/thm)	\$0.8780 (3)

Proposed Rates

Customer Charge (\$/customer)	\$80.00 (4)
Distribution Charge - All therms (\$/thm)	\$0.2359 (4)
LDAC (\$/thm)	\$0.0504 (2)
COGC (\$/thm)	\$0.8780 (3)

- (1) Proposed settlement rates
- (2) Currently effective LDAC
- (3) Prior winter 6 month average seasonal COG
- (4) Proposed Step Increase, Schedule GSL-7

Northern Utilities - NH Division  
General Service - Low Annual, Low Winter Use - G50  
Proposed Rates versus Present Rates  
Summer

Cumulative Percentage of Bills	Average Monthly Usage (Therms)	Monthly Bills @ Present Rates	Monthly Bills @ Proposed Rates	\$ Difference	% Difference
<u>Delivery and Supply</u>					
10.0%	0.00	\$80.00	\$80.00	\$0.00	0.0%
20.0%	0.81	\$80.88	\$80.91	\$0.02	0.0%
30.0%	5.32	\$85.82	\$85.96	\$0.15	0.2%
40.0%	12.20	\$93.34	\$93.68	\$0.33	0.4%
50.0%	26.67	\$109.17	\$109.90	\$0.73	0.7%
60.0%	55.97	\$141.20	\$142.74	\$1.53	1.1%
70.0%	110.70	\$201.06	\$204.09	\$3.03	1.5%
80.0%	196.19	\$294.55	\$299.93	\$5.38	1.8%
90.0%	306.05	\$414.70	\$423.08	\$8.39	2.0%
100.0%	521.36	\$650.16	\$664.45	\$14.29	2.2%
Average	123.53	\$215.09	\$218.47	\$3.38	1.6%
<u>Distribution Only</u>					
10.0%	0.00	\$80.00	\$80.00	\$0.00	0.0%
20.0%	0.81	\$80.17	\$80.19	\$0.02	0.0%
30.0%	5.32	\$81.11	\$81.25	\$0.15	0.2%
40.0%	12.20	\$82.54	\$82.88	\$0.33	0.4%
50.0%	26.67	\$85.56	\$86.29	\$0.73	0.9%
60.0%	55.97	\$91.67	\$93.20	\$1.53	1.7%
70.0%	110.70	\$103.08	\$106.11	\$3.03	2.9%
80.0%	196.19	\$120.90	\$126.28	\$5.38	4.4%
90.0%	306.05	\$143.81	\$152.20	\$8.39	5.8%
100.0%	521.36	\$188.70	\$202.99	\$14.29	7.6%
Average	123.53	\$105.76	\$109.14	\$3.38	3.2%

Present Rates

Customer Charge (\$/customer)	\$80.00	(1)
Distribution Charge - All therms (\$/thm)	\$0.2085	(1)
LDAC (\$/thm)	\$0.0504	(2)
COGC (\$/thm)	\$0.8347	(3)

Proposed Rates

Customer Charge (\$/customer)	\$80.00	(4)
Distribution Charge - All therms (\$/thm)	\$0.2359	(4)
LDAC (\$/thm)	\$0.0504	(2)
COGC (\$/thm)	\$0.8347	(3)

- (1) Proposed settlement rates
- (2) Currently effective LDAC
- (3) Projected 6 month average summer COG
- (4) Proposed Step Increase, Schedule GSL-7

Northern Utilities - NH Division  
General Service - Medium Annual, High Winter Use - G41  
Proposed Rates versus Present Rates  
Winter

Cumulative Percentage of Bills	Average Monthly Usage (Therms)	Monthly Bills @ Present Rates	Monthly Bills @ Proposed Rates	\$ Difference	% Difference
<u>Delivery and Supply</u>					
10.0%	410.78	\$764.19	\$769.90	\$5.71	0.7%
20.0%	855.12	\$1,347.43	\$1,359.31	\$11.89	0.9%
30.0%	1,123.60	\$1,699.83	\$1,715.45	\$15.62	0.9%
40.0%	1,358.83	\$2,008.60	\$2,027.49	\$18.89	0.9%
50.0%	1,592.36	\$2,315.14	\$2,337.27	\$22.13	1.0%
60.0%	1,899.01	\$2,717.65	\$2,744.04	\$26.40	1.0%
70.0%	2,385.06	\$3,355.63	\$3,388.78	\$33.15	1.0%
80.0%	3,120.90	\$4,321.49	\$4,364.87	\$43.38	1.0%
90.0%	4,464.86	\$6,085.58	\$6,147.64	\$62.06	1.0%
100.0%	8,063.23	\$10,808.79	\$10,920.87	\$112.08	1.0%
Average	2,527.37	\$3,542.43	\$3,577.56	\$35.13	1.0%
<u>Distribution Only</u>					
10.0%	410.78	\$337.72	\$343.43	\$5.71	1.7%
20.0%	855.12	\$459.64	\$471.53	\$11.89	2.6%
30.0%	1,123.60	\$533.31	\$548.93	\$15.62	2.9%
40.0%	1,358.83	\$597.86	\$616.75	\$18.89	3.2%
50.0%	1,592.36	\$661.94	\$684.08	\$22.13	3.3%
60.0%	1,899.01	\$746.09	\$772.49	\$26.40	3.5%
70.0%	2,385.06	\$879.46	\$912.61	\$33.15	3.8%
80.0%	3,120.90	\$1,081.38	\$1,124.76	\$43.38	4.0%
90.0%	4,464.86	\$1,450.16	\$1,512.22	\$62.06	4.3%
100.0%	8,063.23	\$2,437.55	\$2,549.63	\$112.08	4.6%
Average	2,527.37	\$918.51	\$953.64	\$35.13	3.8%

Present Rates

Customer Charge (\$/customer)	\$225.00 (1)
Distribution Charge - All therms (\$/thm)	\$0.2744 (1)
LDAC (\$/thm)	\$0.0504 (2)
COGC (\$/thm)	\$0.9878 (3)

Proposed Rates

Customer Charge (\$/customer)	\$225.00 (4)
Distribution Charge - All therms (\$/thm)	\$0.2883 (4)
LDAC (\$/thm)	\$0.0504 (2)
COGC (\$/thm)	\$0.9878 (3)

- (1) Proposed settlement rates
- (2) Currently effective LDAC
- (3) Prior winter 6 month average seasonal COG
- (4) Proposed Step Increase, Schedule GSL-7

Northern Utilities - NH Division  
General Service - Medium Annual, High Winter Use - G41  
Proposed Rates versus Present Rates  
Summer

Cumulative Percentage of Bills	Average Monthly Usage (Therms)	Monthly Bills		\$ Difference	% Difference
		@ Present Rates	Monthly Bills @ Proposed Rates		
<u>Delivery and Supply</u>					
10.0%	0.00	\$225.00	\$225.00	\$0.00	0.0%
20.0%	8.12	\$234.80	\$234.91	\$0.11	0.0%
30.0%	50.08	\$285.42	\$286.12	\$0.70	0.2%
40.0%	125.85	\$376.84	\$378.59	\$1.75	0.5%
50.0%	243.55	\$518.84	\$522.23	\$3.39	0.7%
60.0%	375.58	\$678.14	\$683.36	\$5.22	0.8%
70.0%	522.98	\$855.97	\$863.24	\$7.27	0.8%
80.0%	723.73	\$1,098.18	\$1,108.24	\$10.06	0.9%
90.0%	1,101.48	\$1,553.93	\$1,569.24	\$15.31	1.0%
100.0%	2,699.06	\$3,481.42	\$3,518.93	\$37.52	1.1%
Average	585.04	\$930.85	\$938.99	\$8.13	0.9%
<u>Distribution Only</u>					
10.0%	0.00	\$225.00	\$225.00	\$0.00	0.0%
20.0%	8.12	\$227.23	\$227.34	\$0.11	0.0%
30.0%	50.08	\$238.74	\$239.44	\$0.70	0.3%
40.0%	125.85	\$259.53	\$261.28	\$1.75	0.7%
50.0%	243.55	\$291.83	\$295.22	\$3.39	1.2%
60.0%	375.58	\$328.06	\$333.28	\$5.22	1.6%
70.0%	522.98	\$368.50	\$375.77	\$7.27	2.0%
80.0%	723.73	\$423.59	\$433.65	\$10.06	2.4%
90.0%	1,101.48	\$527.25	\$542.56	\$15.31	2.9%
100.0%	2,699.06	\$965.62	\$1,003.14	\$37.52	3.9%
Average	585.04	\$385.54	\$393.67	\$8.13	2.1%

Present Rates

Customer Charge (\$/customer)	\$225.00 (1)
Distribution Charge - All therms (\$/thm)	\$0.2744 (1)
LDAC (\$/thm)	\$0.0504 (2)
COGC (\$/thm)	\$0.8817 (3)

Proposed Rates

Customer Charge (\$/customer)	\$225.00 (4)
Distribution Charge - All therms (\$/thm)	\$0.2883 (4)
LDAC (\$/thm)	\$0.0504 (2)
COGC (\$/thm)	\$0.8817 (3)

- (1) Proposed settlement rates
- (2) Currently effective LDAC
- (3) Projected 6 month average summer COG
- (4) Proposed Step Increase, Schedule GSL-7



Northern Utilities - NH Division  
General Service - Medium Annual, Low Winter Use - G51  
Proposed Rates versus Present Rates  
Winter

Cumulative Percentage of Bills	Average Monthly Usage (Therms)	Monthly Bills @ Present Rates	Monthly Bills @ Proposed Rates	\$ Difference	% Difference
<u>Delivery and Supply</u>					
10.0%	298.97	\$552.07	\$555.48	\$3.41	0.6%
20.0%	665.04	\$952.56	\$960.14	\$7.58	0.8%
30.0%	830.71	\$1,133.80	\$1,143.27	\$9.47	0.8%
40.0%	961.40	\$1,276.78	\$1,287.74	\$10.96	0.9%
50.1%	1,110.81	\$1,440.23	\$1,452.89	\$12.66	0.9%
60.1%	1,275.37	\$1,620.26	\$1,634.80	\$14.54	0.9%
70.0%	1,540.79	\$1,904.43	\$1,928.19	\$23.75	1.2%
80.0%	1,950.17	\$2,341.77	\$2,380.71	\$38.94	1.7%
90.0%	2,919.75	\$3,377.57	\$3,452.49	\$74.91	2.2%
100.0%	5,195.70	\$5,808.97	\$5,968.32	\$159.35	2.7%
Average	1,674.87	\$2,047.67	\$2,076.40	\$28.73	1.4%
<u>Distribution Only</u>					
10.0%	298.97	\$274.51	\$277.92	\$3.41	1.2%
20.0%	665.04	\$335.13	\$342.71	\$7.58	2.3%
30.0%	830.71	\$362.57	\$372.04	\$9.47	2.6%
40.0%	961.40	\$384.21	\$395.17	\$10.96	2.9%
50.1%	1,110.81	\$408.95	\$421.61	\$12.66	3.1%
60.1%	1,275.37	\$436.20	\$450.74	\$14.54	3.3%
70.0%	1,540.79	\$473.97	\$497.72	\$23.75	5.0%
80.0%	1,950.17	\$531.24	\$570.18	\$38.94	7.3%
90.0%	2,919.75	\$666.88	\$741.80	\$74.91	11.2%
100.0%	5,195.70	\$985.29	\$1,144.64	\$159.35	16.2%
Average	1,674.87	\$492.72	\$521.45	\$28.73	5.8%

Present Rates

Customer Charge (\$/customer)	\$225.00 (1)
Distribution Charge - All therms (\$/thm)	\$0.1656 (1)
LDAC (\$/thm)	\$0.0504 (2)
COGC (\$/thm)	\$0.8780 (3)

Proposed Rates

Customer Charge (\$/customer)	\$225.00 (4)
Distribution Charge - All therms (\$/thm)	\$0.1770 (4)
LDAC (\$/thm)	\$0.0504 (2)
COGC (\$/thm)	\$0.8780 (3)

- (1) Proposed settlement rates
- (2) Currently effective LDAC
- (3) Prior winter 6 month average seasonal COG
- (4) Proposed Step Increase, Schedule GSL-7

Northern Utilities - NH Division  
General Service - Medium Annual, Low Winter Use - G51  
Proposed Rates versus Present Rates  
Summer

Cumulative Percentage of Bills	Average Monthly Usage (Therms)	Monthly Bills @ Present Rates	Monthly Bills @ Proposed Rates	\$ Difference	% Difference
<u>Delivery and Supply</u>					
10.0%	112.57	\$343.28	\$344.56	\$1.28	0.4%
20.0%	415.51	\$661.57	\$666.31	\$4.74	0.7%
30.0%	530.84	\$782.75	\$788.80	\$6.05	0.8%
40.0%	615.04	\$871.23	\$878.24	\$7.01	0.8%
50.0%	707.58	\$968.45	\$976.52	\$8.07	0.8%
60.0%	801.28	\$1,066.90	\$1,076.04	\$9.13	0.9%
70.0%	921.82	\$1,193.56	\$1,204.07	\$10.51	0.9%
80.0%	1,114.68	\$1,396.19	\$1,408.90	\$12.71	0.9%
90.0%	1,569.17	\$1,873.73	\$1,891.62	\$17.89	1.0%
100.0%	3,257.80	\$3,647.97	\$3,685.11	\$37.14	1.0%
Average	1,004.63	\$1,280.56	\$1,292.02	\$11.45	0.9%
<u>Distribution Only</u>					
10.0%	112.57	\$243.64	\$244.92	\$1.28	0.5%
20.0%	415.51	\$293.81	\$298.54	\$4.74	1.6%
30.0%	530.84	\$312.91	\$318.96	\$6.05	1.9%
40.0%	615.04	\$326.85	\$333.86	\$7.01	2.1%
50.0%	707.58	\$342.18	\$350.24	\$8.07	2.4%
60.0%	801.28	\$357.69	\$366.83	\$9.13	2.6%
70.0%	921.82	\$377.65	\$388.16	\$10.51	2.8%
80.0%	1,114.68	\$409.59	\$422.30	\$12.71	3.1%
90.0%	1,569.17	\$484.86	\$502.74	\$17.89	3.7%
100.0%	3,257.80	\$764.49	\$801.63	\$37.14	4.9%
Average	1,004.63	\$391.37	\$402.82	\$11.45	2.9%

Present Rates

Customer Charge (\$/customer)	\$225.00 (1)
Distribution Charge - All therms (\$/thm)	\$0.1656 (1)
LDAC (\$/thm)	\$0.0504 (2)
COGC (\$/thm)	\$0.8347 (3)

Proposed Rates

Customer Charge (\$/customer)	\$225.00 (4)
Distribution Charge - All therms (\$/thm)	\$0.1770 (4)
LDAC (\$/thm)	\$0.0504 (2)
COGC (\$/thm)	\$0.8347 (3)

- (1) Proposed settlement rates
- (2) Currently effective LDAC
- (3) Projected 6 month average summer COG
- (4) Proposed Step Increase, Schedule GSL-7

Northern Utilities - NH Division  
General Service - High Annual, High Winter Use - G42  
Proposed Rates versus Present Rates  
Winter

Cumulative Percentage of Bills	Average Monthly Usage (Therms)	Monthly Bills @ Present Rates	Monthly Bills @ Proposed Rates	\$ Difference	% Difference
<u>Delivery and Supply</u>					
10.2%	3,952.46	\$6,276.75	\$6,317.06	\$40.32	0.6%
20.0%	7,213.13	\$10,341.17	\$10,414.74	\$73.57	0.7%
30.2%	9,121.50	\$12,719.96	\$12,813.00	\$93.04	0.7%
40.0%	10,470.29	\$14,401.22	\$14,508.02	\$106.80	0.7%
50.2%	11,571.15	\$15,773.44	\$15,891.47	\$118.03	0.7%
60.0%	13,509.92	\$18,190.11	\$18,327.91	\$137.80	0.8%
70.2%	15,600.24	\$20,795.69	\$20,954.82	\$159.12	0.8%
80.0%	18,555.29	\$24,479.17	\$24,668.44	\$189.26	0.8%
90.2%	24,287.75	\$31,624.68	\$31,872.42	\$247.74	0.8%
100.0%	94,489.70	\$119,131.42	\$120,095.21	\$963.79	0.8%
Average	20,877.14	\$27,373.36	\$27,586.31	\$212.95	0.8%
<u>Distribution Only</u>					
10.2%	3,952.46	\$2,173.30	\$2,213.61	\$40.32	1.9%
20.0%	7,213.13	\$2,852.50	\$2,926.07	\$73.57	2.6%
30.2%	9,121.50	\$3,250.01	\$3,343.05	\$93.04	2.9%
40.0%	10,470.29	\$3,530.96	\$3,637.76	\$106.80	3.0%
50.2%	11,571.15	\$3,760.27	\$3,878.30	\$118.03	3.1%
60.0%	13,509.92	\$4,164.12	\$4,301.92	\$137.80	3.3%
70.2%	15,600.24	\$4,599.53	\$4,758.65	\$159.12	3.5%
80.0%	18,555.29	\$5,215.07	\$5,404.33	\$189.26	3.6%
90.2%	24,287.75	\$6,409.14	\$6,656.87	\$247.74	3.9%
100.0%	94,489.70	\$21,032.21	\$21,996.00	\$963.79	4.6%
Average	20,877.14	\$5,698.71	\$5,911.66	\$212.95	3.7%

Present Rates

Customer Charge (\$/customer)	\$1,350.00 (1)
Distribution Charge - All therms (\$/thm)	\$0.2083 (1)
LDAC (\$/thm)	\$0.0504 (2)
COGC (\$/thm)	\$0.9878 (3)

Proposed Rates

Customer Charge (\$/customer)	\$1,350.00 (4)
Distribution Charge - All therms (\$/thm)	\$0.2185 (4)
LDAC (\$/thm)	\$0.0504 (2)
COGC (\$/thm)	\$0.9878 (3)

- (1) Proposed settlement rates
- (2) Currently effective LDAC
- (3) Prior winter 6 month average seasonal COG
- (4) Proposed Step Increase, Schedule GSL-7

Northern Utilities - NH Division  
General Service - High Annual, High Winter Use - G42  
Proposed Rates versus Present Rates  
Summer

Cumulative Percentage of Bills	Average Monthly Usage (Therms)	Monthly Bills @ Present Rates	Monthly Bills @ Proposed Rates	\$ Difference	% Difference
<u>Delivery and Supply</u>					
10.1%	145.06	\$1,515.43	\$1,516.91	\$1.48	0.1%
20.2%	557.94	\$1,986.28	\$1,991.97	\$5.69	0.3%
29.8%	1,236.71	\$2,760.35	\$2,772.96	\$12.61	0.5%
39.9%	2,019.46	\$3,652.99	\$3,673.59	\$20.60	0.6%
50.0%	2,763.59	\$4,501.60	\$4,529.79	\$28.19	0.6%
60.1%	3,577.05	\$5,429.26	\$5,465.75	\$36.49	0.7%
70.2%	4,914.67	\$6,954.68	\$7,004.81	\$50.13	0.7%
79.8%	6,697.70	\$8,988.05	\$9,056.37	\$68.32	0.8%
89.9%	9,872.70	\$12,608.83	\$12,709.53	\$100.70	0.8%
100.0%	44,000.48	\$51,528.15	\$51,976.96	\$448.80	0.9%
Average	7,578.54	\$9,992.56	\$10,069.86	\$77.30	0.8%
<u>Distribution Only</u>					
10.1%	145.06	\$1,380.22	\$1,381.70	\$1.48	0.1%
20.2%	557.94	\$1,466.22	\$1,471.91	\$5.69	0.4%
29.8%	1,236.71	\$1,607.61	\$1,620.22	\$12.61	0.8%
39.9%	2,019.46	\$1,770.65	\$1,791.25	\$20.60	1.2%
50.0%	2,763.59	\$1,925.66	\$1,953.84	\$28.19	1.5%
60.1%	3,577.05	\$2,095.10	\$2,131.58	\$36.49	1.7%
70.2%	4,914.67	\$2,373.72	\$2,423.85	\$50.13	2.1%
79.8%	6,697.70	\$2,745.13	\$2,813.45	\$68.32	2.5%
89.9%	9,872.70	\$3,406.48	\$3,507.19	\$100.70	3.0%
100.0%	44,000.48	\$10,515.30	\$10,964.11	\$448.80	4.3%
Average	7,578.54	\$2,928.61	\$3,005.91	\$77.30	2.6%

Present Rates

Customer Charge (\$/customer)	\$1,350.00 (1)
Distribution Charge - All therms (\$/thm)	\$0.2083 (1)
LDAC (\$/thm)	\$0.0504 (2)
COGC (\$/thm)	\$0.8817 (3)

Proposed Rates

Customer Charge (\$/customer)	\$1,350.00 (4)
Distribution Charge - All therms (\$/thm)	\$0.2185 (4)
LDAC (\$/thm)	\$0.0504 (2)
COGC (\$/thm)	\$0.8817 (3)

- (1) Proposed settlement rates
- (2) Currently effective LDAC
- (3) Projected 6 month average summer COG
- (4) Proposed Step Increase, Schedule GSL-7

Northern Utilities - NH Division  
General Service - High Annual, Low Winter Use - G52  
Proposed Rates versus Present Rates  
Winter

Cumulative Percentage of Bills	Average Monthly Usage (Therms)	Monthly Bills @ Present Rates	Monthly Bills @ Proposed Rates	\$ Difference	% Difference
<u>Delivery and Supply</u>					
10.3%	821.21	\$2,253.66	\$2,259.90	\$6.24	0.3%
20.0%	8,495.02	\$10,697.92	\$10,762.48	\$64.56	0.6%
30.3%	11,712.45	\$14,238.38	\$14,327.40	\$89.01	0.6%
40.0%	16,972.72	\$20,026.79	\$20,155.78	\$128.99	0.6%
50.3%	23,903.02	\$27,652.88	\$27,834.55	\$181.66	0.7%
60.0%	34,186.20	\$38,968.49	\$39,228.31	\$259.82	0.7%
70.3%	47,229.91	\$53,321.80	\$53,680.74	\$358.95	0.7%
80.0%	56,936.34	\$64,002.74	\$64,435.46	\$432.72	0.7%
90.3%	74,244.21	\$83,048.33	\$83,612.59	\$564.26	0.7%
100.0%	158,615.50	\$175,890.50	\$177,095.97	\$1,205.48	0.7%
Average	43,311.66	\$49,010.15	\$49,339.32	\$329.17	0.7%
<u>Distribution Only</u>					
10.3%	821.21	\$1,491.25	\$1,497.49	\$6.24	0.4%
20.0%	8,495.02	\$2,811.14	\$2,875.71	\$64.56	2.3%
30.3%	11,712.45	\$3,364.54	\$3,453.56	\$89.01	2.6%
40.0%	16,972.72	\$4,269.31	\$4,398.30	\$128.99	3.0%
50.3%	23,903.02	\$5,461.32	\$5,642.98	\$181.66	3.3%
60.0%	34,186.20	\$7,230.03	\$7,489.84	\$259.82	3.6%
70.3%	47,229.91	\$9,473.55	\$9,832.49	\$358.95	3.8%
80.0%	56,936.34	\$11,143.05	\$11,575.77	\$432.72	3.9%
90.3%	74,244.21	\$14,120.00	\$14,684.26	\$564.26	4.0%
100.0%	158,615.50	\$28,631.87	\$29,837.34	\$1,205.48	4.2%
Average	43,311.66	\$8,799.61	\$9,128.77	\$329.17	3.7%

Present Rates

Customer Charge (\$/customer)	\$1,350.00 (1)
Distribution Charge - All therms (\$/thm)	\$0.1720 (1)
LDAC (\$/thm)	\$0.0504 (2)
COGC (\$/thm)	\$0.8780 (3)

Proposed Rates

Customer Charge (\$/customer)	\$1,350.00 (4)
Distribution Charge - All therms (\$/thm)	\$0.1796 (4)
LDAC (\$/thm)	\$0.0504 (2)
COGC (\$/thm)	\$0.8780 (3)

- (1) Proposed settlement rates
- (2) Currently effective LDAC
- (3) Prior winter 6 month average seasonal COG
- (4) Proposed Step Increase, Schedule GSL-7

Northern Utilities - NH Division  
General Service - High Annual, Low Winter Use - G52  
Proposed Rates versus Present Rates  
Summer

Cumulative Percentage of Bills	Average Monthly Usage (Therms)	Monthly Bills		\$ Difference	% Difference
		@ Present Rates	Monthly Bills @ Proposed Rates		
<u>Delivery and Supply</u>					
10.1%	2,623.08	\$3,947.11	\$3,959.18	\$12.07	0.3%
20.1%	8,643.71	\$9,908.14	\$9,947.90	\$39.76	0.4%
30.2%	11,831.46	\$13,064.33	\$13,118.76	\$54.42	0.4%
40.2%	18,488.22	\$19,655.19	\$19,740.23	\$85.05	0.4%
50.3%	25,068.63	\$26,170.45	\$26,285.77	\$115.32	0.4%
59.8%	29,171.12	\$30,232.33	\$30,366.52	\$134.19	0.4%
69.8%	35,448.25	\$36,447.31	\$36,610.37	\$163.06	0.4%
79.9%	47,888.13	\$48,764.04	\$48,984.32	\$220.29	0.5%
89.9%	70,667.62	\$71,318.01	\$71,643.08	\$325.07	0.5%
100.0%	143,682.62	\$143,610.16	\$144,271.10	\$660.94	0.5%
Average	39,351.28	\$40,311.71	\$40,492.72	\$181.02	0.4%
<u>Distribution Only</u>					
10.1%	2,623.08	\$1,625.42	\$1,637.49	\$12.07	0.7%
20.1%	8,643.71	\$2,257.59	\$2,297.35	\$39.76	1.8%
30.2%	11,831.46	\$2,592.30	\$2,646.73	\$54.42	2.1%
40.2%	18,488.22	\$3,291.26	\$3,376.31	\$85.05	2.6%
50.3%	25,068.63	\$3,982.21	\$4,097.52	\$115.32	2.9%
59.8%	29,171.12	\$4,412.97	\$4,547.16	\$134.19	3.0%
69.8%	35,448.25	\$5,072.07	\$5,235.13	\$163.06	3.2%
79.9%	47,888.13	\$6,378.25	\$6,598.54	\$220.29	3.5%
89.9%	70,667.62	\$8,770.10	\$9,095.17	\$325.07	3.7%
100.0%	143,682.62	\$16,436.68	\$17,097.62	\$660.94	4.0%
Average	39,351.28	\$5,481.88	\$5,662.90	\$181.02	3.3%

Present Rates

Customer Charge (\$/customer)	\$1,350.00	(1)
Distribution Charge - All therms (\$/thm)	\$0.1050	(1)
LDAC (\$/thm)	\$0.0504	(2)
COGC (\$/thm)	\$0.8347	(3)

Proposed Rates

Customer Charge (\$/customer)	\$1,350.00	(4)
Distribution Charge - All therms (\$/thm)	\$0.1096	(4)
LDAC (\$/thm)	\$0.0504	(2)
COGC (\$/thm)	\$0.8347	(3)

- (1) Proposed settlement rates
- (2) Currently effective LDAC
- (3) Projected 6 month average summer COG
- (4) Proposed Step Increase, Schedule GSL-7

Northern Utilities - New Hampshire Division  
**Typical Residential Heating Bill (R-5)**  
**Bill Impacts Illustrating Changes on a Monthly Basis**  
**Current Rates and Proposed Rates, using 6 month average COGC**

Line No.	Residential Heating (R-5)	Nov (1)	Dec (2)	Jan (3)	Feb (4)	Mar (5)	Apr (6)	May (7)	Jun (8)	Jul (9)	Aug (10)	Sep (11)	Oct (12)	Total Peak (13)	Total Off-Peak (14)	Annual Nov-Oct (15)
1	Test Year Monthly Weather Normalized Therms per Customer	52	\$101	133	139	115	78	44	26	11	9	14	26	618	131	749
2																
3	<b>Proposed Settlement Rates - Effective August 1, 2022</b>															
4	Customer Charge	\$22.20	\$22.20	\$22.20	\$22.20	\$22.20	\$22.20	\$22.20	\$22.20	\$22.20	\$22.20	\$22.20	\$22.20			
5	Distribution (\$/therm)	\$0.8841	\$0.8841	\$0.8841	\$0.8841	\$0.8841	\$0.8841	\$0.8841	\$0.8841	\$0.8841	\$0.8841	\$0.8841	\$0.8841			
6	LDAC (\$/therm)	\$0.0816	\$0.0816	\$0.0816	\$0.0816	\$0.0816	\$0.0816	\$0.0816	\$0.0816	\$0.0816	\$0.0816	\$0.0816	\$0.0816			
7	COGC (\$/therm)	\$0.9719	\$0.9719	\$0.9719	\$0.9719	\$0.9719	\$0.9719	\$0.8665	\$0.8665	\$0.8665	\$0.8665	\$0.8665	\$0.8665			
8																
9	TOTAL BILL	\$122.87	\$217.30	\$280.15	\$292.34	\$245.70	\$173.00	\$103.50	\$69.07	\$42.89	\$39.42	\$47.26	\$70.65	\$1,331	\$373	\$1,704
10																
11																
12	<b>Proposed Step Adjustment Rates - Effective September 1, 2022</b>															
13	Customer Charge	\$22.20	\$22.20	\$22.20	\$22.20	\$22.20	\$22.20	\$22.20	\$22.20	\$22.20	\$22.20	\$22.20	\$22.20			
14	Distribution (\$/therm)	\$0.9266	\$0.9266	\$0.9266	\$0.9266	\$0.9266	\$0.9266	\$0.9266	\$0.9266	\$0.9266	\$0.9266	\$0.9266	\$0.9266			
15	LDAC (\$/therm)	\$0.0816	\$0.0816	\$0.0816	\$0.0816	\$0.0816	\$0.0816	\$0.0816	\$0.0816	\$0.0816	\$0.0816	\$0.0816	\$0.0816			
16	COGC (\$/therm)	\$0.9719	\$0.9719	\$0.9719	\$0.9719	\$0.9719	\$0.9719	\$0.8665	\$0.8665	\$0.8665	\$0.8665	\$0.8665	\$0.8665			
17																
18	TOTAL BILL	\$125.08	\$221.58	\$285.81	\$298.27	\$250.60	\$176.31	\$105.39	\$70.16	\$43.37	\$39.82	\$47.84	\$71.77	\$1,358	\$378	\$1,736
19																
20	<b>Proposed Step Adjustment Bill less Proposed Settlement Bill</b>															
21	Total Bill increase/(decrease)	\$2.21	\$4.28	\$5.66	\$5.93	\$4.90	\$3.31	\$1.89	\$1.09	\$0.48	\$0.40	\$0.58	\$1.12	\$26	\$6	\$32
22	Percentage increase/(decrease)	1.8%	2.0%	2.0%	2.0%	2.0%	1.9%	1.8%	1.6%	1.1%	1.0%	1.2%	1.6%	2.0%	1.5%	1.9%

**Northern Utilities - New Hampshire Division  
Typical Low Income Residential Heating Bill (R-10)  
Bill Impacts Illustrating Changes on a Monthly Basis  
Current Rates and Proposed Rates, using 6 month average COGC**

Line No.	Low Income Residential Heating (R-10)	Nov (1)	Dec (2)	Jan (3)	Feb (4)	Mar (5)	Apr (6)	May (7)	Jun (8)	Jul (9)	Aug (10)	Sep (11)	Oct (12)	Total Peak (13)	Total Off-Peak (14)	Annual Nov-Oct (15)
1	Test Year Monthly Weather Normalized Therms per Custome	50	86	121	130	116	82	47	26	10	8	13	27	585	132	717
2																
3	<b>Proposed Settlement Rates - Effective August 1,2022</b>															
4	Customer Charge	\$22.20	\$22.20	\$22.20	\$22.20	\$22.20	\$22.20	\$22.20	\$22.20	\$22.20	\$22.20	\$22.20	\$22.20	\$22.20		
5	Distribution (\$/therm)	\$0.8841	\$0.8841	\$0.8841	\$0.8841	\$0.8841	\$0.8841	\$0.8841	\$0.8841	\$0.8841	\$0.8841	\$0.8841	\$0.8841	\$0.8841		
6	LDAC (\$/therm)	\$0.0816	\$0.0816	\$0.0816	\$0.0816	\$0.0816	\$0.0816	\$0.0816	\$0.0816	\$0.0816	\$0.0816	\$0.0816	\$0.0816	\$0.0816		
7	COGC (\$/therm)	\$0.9719	\$0.9719	\$0.9719	\$0.9719	\$0.9719	\$0.9719	\$0.8665	\$0.8665	\$0.8665	\$0.8665	\$0.8665	\$0.8665	\$0.8665		
8																
9	45% Customer Charge Discount (\$/customer)	-\$9.99	-\$9.99	-\$9.99	-\$9.99	-\$9.99	-\$9.99	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		
10	45% Therm Discount - (\$/thm)	-\$0.3978	-\$0.3978	-\$0.3978	-\$0.3978	-\$0.3978	-\$0.3978	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000		
11	45% Therm Discount - Cost of Gas (\$/thm)	-\$0.4374	-\$0.4374	-\$0.4374	-\$0.4374	-\$0.4374	-\$0.4374	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000		
12																
13	TOTAL BILL	\$67.02	\$107.26	\$145.80	\$155.71	\$139.58	\$102.86	\$108.02	\$69.85	\$41.14	\$37.53	\$45.80	\$72.05	\$718	\$374	\$1,093
14																
15																
16	<b>Proposed Step Adjustment Rates - Effective September 1, 2022</b>															
17	Customer Charge	\$22.20	\$22.20	\$22.20	\$22.20	\$22.20	\$22.20	\$22.20	\$22.20	\$22.20	\$22.20	\$22.20	\$22.20	\$22.20		
18	Distribution (\$/therm)	\$0.9266	\$0.9266	\$0.9266	\$0.9266	\$0.9266	\$0.9266	\$0.9266	\$0.9266	\$0.9266	\$0.9266	\$0.9266	\$0.9266	\$0.9266		
19	LDAC (\$/therm)	\$0.0816	\$0.0816	\$0.0816	\$0.0816	\$0.0816	\$0.0816	\$0.0816	\$0.0816	\$0.0816	\$0.0816	\$0.0816	\$0.0816	\$0.0816		
20	COGC (\$/therm)	\$0.9719	\$0.9719	\$0.9719	\$0.9719	\$0.9719	\$0.9719	\$0.8665	\$0.8665	\$0.8665	\$0.8665	\$0.8665	\$0.8665	\$0.8665		
21																
22	45% Customer Charge Discount (\$/customer)	-\$9.99	-\$9.99	-\$9.99	-\$9.99	-\$9.99	-\$9.99	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		
23	45% Therm Discount - (\$/thm)	-\$0.4170	-\$0.4170	-\$0.4170	-\$0.4170	-\$0.4170	-\$0.4170	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000		
24	45% Therm Discount - Cost of Gas (\$/thm)	-\$0.4374	-\$0.4374	-\$0.4374	-\$0.4374	-\$0.4374	-\$0.4374	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000		
25																
26	TOTAL BILL	\$68.18	\$109.27	\$148.63	\$158.75	\$142.28	\$104.78	\$110.01	\$70.96	\$41.58	\$37.89	\$46.35	\$73.21	\$732	\$380	\$1,112
27																
28	<b>Proposed Step Adjustment Bill less Proposed Settlement Bill</b>															
29	Total Bill increase/(decrease)	\$1.16	\$2.01	\$2.83	\$3.04	\$2.70	\$1.92	\$1.99	\$1.11	\$0.44	\$0.36	\$0.55	\$1.16	\$14	\$6	\$19
30	Percentage increase/(decrease)	1.7%	1.9%	1.9%	2.0%	1.9%	1.9%	1.8%	1.6%	1.1%	0.9%	1.2%	1.6%	1.9%	1.5%	1.8%



**Northern Utilities - New Hampshire Division  
Typical Residential Non-Heating Bill (R-6)  
Bill Impacts Illustrating Changes on a Monthly Basis  
Current Rates and Proposed Rates, using 6 month average COGC**

Line No.	Residential Non-Heating (R-6)	Nov (1)	Dec (2)	Jan (3)	Feb (4)	Mar (5)	Apr (6)	May (7)	Jun (8)	Jul (9)	Aug (10)	Sep (11)	Oct (12)	Total Peak (13)	Total Off-Peak (14)	Annual Nov-Oct (15)
1	Test Year Monthly Weather Normalized Therms per Customer	14	21	25	26	21	16	14	11	9	8	10	11	123	63	186
2																
3	<b>Proposed Settlement Rates - Effective August 1,2022</b>															
4	Customer Charge	\$22.20	\$22.20	\$22.20	\$22.20	\$22.20	\$22.20	\$22.20	\$22.20	\$22.20	\$22.20	\$22.20	\$22.20			
5	Distribution (\$/therm)	\$1.3081	\$1.3081	\$1.3081	\$1.3081	\$1.3081	\$1.3081	\$1.3081	\$1.3081	\$1.3081	\$1.3081	\$1.3081	\$1.3081			
6	LDAC (\$/therm)	\$0.0816	\$0.0816	\$0.0816	\$0.0816	\$0.0816	\$0.0816	\$0.0816	\$0.0816	\$0.0816	\$0.0816	\$0.0816	\$0.0816			
7	COGC (\$/therm)	\$0.9719	\$0.9719	\$0.9719	\$0.9719	\$0.9719	\$0.9719	\$0.8665	\$0.8665	\$0.8665	\$0.8665	\$0.8665	\$0.8665			
8																
9	TOTAL BILL	\$54.58	\$71.74	\$81.75	\$82.66	\$72.05	\$60.88	\$53.07	\$47.91	\$42.68	\$41.08	\$44.10	\$46.18	\$424	\$275	\$699
10																
11																
12	<b>Proposed Step Adjustment Rates - Effective September 1, 2022</b>															
13	Customer Charge	\$22.20	\$22.20	\$22.20	\$22.20	\$22.20	\$22.20	\$22.20	\$22.20	\$22.20	\$22.20	\$22.20	\$22.20			
14	Distribution (\$/therm)	\$1.4053	\$1.4053	\$1.4053	\$1.4053	\$1.4053	\$1.4053	\$1.4053	\$1.4053	\$1.4053	\$1.4053	\$1.4053	\$1.4053			
15	LDAC (\$/therm)	\$0.0816	\$0.0816	\$0.0816	\$0.0816	\$0.0816	\$0.0816	\$0.0816	\$0.0816	\$0.0816	\$0.0816	\$0.0816	\$0.0816			
16	COGC (\$/therm)	\$0.9719	\$0.9719	\$0.9719	\$0.9719	\$0.9719	\$0.9719	\$0.8665	\$0.8665	\$0.8665	\$0.8665	\$0.8665	\$0.8665			
17																
18	TOTAL BILL	\$55.91	\$73.78	\$84.20	\$85.15	\$74.10	\$62.47	\$54.40	\$49.02	\$43.56	\$41.89	\$45.04	\$47.22	\$436	\$281	\$717
19																
20	<b>Proposed Step Adjustment Bill less Proposed Settlement Bill</b>															
21	Total Bill increase/(decrease)	\$1.33	\$2.04	\$2.45	\$2.49	\$2.05	\$1.59	\$1.33	\$1.11	\$0.88	\$0.81	\$0.94	\$1.03	\$12	\$6	\$18
22	Percentage increase/(decrease)	2.4%	2.8%	3.0%	3.0%	2.8%	2.6%	2.5%	2.3%	2.1%	2.0%	2.1%	2.2%	2.8%	2.2%	2.6%