Calculation of the Projected Over or Under Collection of the 2021-2022 Summer Period Cost of Gas DG 21-131 August 2022 Estimated

1	April 30, 2022 Target Balance			\$	(5,202,006)	Table 2, Page 3, Line 107
2						
-	Forecasted firm therm sales 08/01/22-10/31/22					
	Residential Heat & Non Heat		1,927,161			Table 2, PG. 2, Line 2
-	HLF Classes		1,042,764			Table 2, PG. 2, Line 3
6	LLF Classes		1,698,050			Table 2, PG. 2, Line 4
7						
	Current recovery rate per therm					
	Residential heat & non heat		\$0.9126			Table 2, PG. 1, Line 7
	HLF classes		\$0.8690			Table 2, PG. 1, Line 8
	LLF classes		\$0.9395			Table 2, PG. 1, Line 9
12						
-	Total	\$	(4,260,206)			(LN 4 * Ln 9) + (LN 5 * LN 10) + (LN 6 * LN 11)
14						
-	Forecasted recovered costs at current rates 08/01/22 - 10/31/22			\$	(4,260,206)	LN 13
	Actual recovered costs 05/01/2022 - 07/30/2022			\$	(2,524,532)	Table 2, PG.1, Line 14 (May thru July)
	Estimated total recovered costs 05/01/22 - 10/31/22			\$	(6,784,739)	LN 15 + LN 16
18						
	Revised projected direct gas costs [1]			\$	12,555,143	Table 2, PG. 2, Line 68
	Revised projected indirect gas costs [2]			\$	174,852	Table 2, PG. 4, Line 100
21	Revised total projected gas costs 05/01/2022 - 10/31/2022			\$	12,729,995	LN 19 + LN 20
22						
	Projected October 31, 2022 Summer Season Balance			\$	743,250	LN 1 + LN 17 + LN 21
24						
	Projected Winter Season Variance			\$	(343,054)	Table 2, Page 3, LN 110
26	D			•	400 405	T
	Projected End of Year Balance			\$	400,195	Table 2, Page 3, LN 98
28						
29						
30	Designated Communication of Trans			I I and		
32	Projected Summer Season Imbalance Type			Und	ler-collection	
	Projected Summer Balance As A Percentage of Gas Costs				0.87%	LN 23 / (LN 1 + LN 21)
34	Projected Summer Balance As A Percentage of Gas Costs				9.0770	LIN 23 / (LIN 1 + LIN 21)
	Summer Season Over-collection Threshold (4% over Summer Co	nete)			NA	
36	Summer Season Over-confection Threshold (470 over Summer Oc	1313)			INA	
	Summer Season Under-collection Threshold (4% over Year End I	Baland	ce)	\$	301,120	LN 21 * 4%
38	Callinior Coacon Chack Collection Theodola (170 CVC) Total Enter	Daianic	30)	Ψ	001,120	21 170
	Over-collection Rate Adjustment Required				NA	
40	Over-someonor reace regulation required				14/ (
-	Under-collection Rate Adjustment Requried				Yes	IF (ABS) LN 23 > (ABS) LN 37 Yes, ELSE No
42	Ondor Concount Nate / Agastriont Negation				100	(1.00) E11 20 - (1.00) E11 01 100, EEOE 110
	Projected Sales - September through October 2022				3,577,552	Table 2, PG. 1, Line 5 - September through October
44	i Tojected Gales - Gepterfiber tillough October 2022				3,311,332	Table 2, 1 G. 1, Line 3 - September unough October
	Increase in cost of gas rates - September through October 2022 -	ner th	nerm	\$	0.2078	LN 23 / LN 43
.0	Sass sast of gas fattor Coptomisor anough October 2022	וו וטק		Ψ	0.2070	

NOTES

- [1] Reflects futures prices as of August 10, 2022 [2] Includes: Working Capital Allowance, Bad Debt Allowance, Production and Storage Capacity, Miscellaneous Overhead and Interest

				Win	ter					Summe	er		
Sales Revenues		(Actual)	(Actual)	(Actual)	(Forecast)	(Forecast)	(Forecast)						
Volumes	Oct-21	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Jul-22	Aug-22	Sep-22	Oct-22
Residential Heat & Non Heat											443,237	491,840	992,084
Sales HLF Classes											254,950	275,778	512,036
Sales LLF Classes											392,235	440,500	865,314
Total											1,090,422	1,208,118	2,369,434
Rates													
Residential Heat & Non Heat CGA											\$0.9126	\$0.9126	\$0.9126
Sales HLF Classes CGA											\$0.8690	\$0.8690	\$0.8690
Sales LLF Classes CGA											\$0.9395	\$0.9395	\$0.9395
Revenues													
Residential Heat & Non Heat					\$ -		\$ -			\$	(404,498)	\$ (448,853) \$	(905,376)
Sales HLF Classes					\$ -		\$ -			\$	(221,551)	\$ (239,651) \$	(444,960)
Sales LLF Classes					\$ -		\$ -			\$	(368,505)		(812,963)
Total Sales		\$ (3,825,791)	\$ (5,514,058)	\$ (7,324,017)	\$ (6,736,040)	\$ (5,403,945)	\$ (3,517,186)	\$ (1,106,465)	\$ (674,054)	\$ (744,013) \$	(994,555)	\$ (1,102,354) \$	(2,163,298)

Total Sales		\$	(3,825,791)	\$ (5,514,058)) \$ (7,324,01	7) \$ (6,736,040)) \$ (5,403,945)) \$ (3,517,186)) \$ (1,106,465)	\$ (674,054)	\$ (744,013)) \$ (994,555)	\$ (1,102,354)	\$	(2,163,298)
						Vintor					0				
		+	/A	(A . P		Vinter	(A . P	(A	(A	(4 (1)		nmer	<i>(</i> =	-	
Gas Costs and Credits	Oct-21		(Actual) Nov-21	(Actual) Dec-21	(Actual) Jan-22	(Actual) Feb-22	(Actual) Mar-22	(Actual) Apr-22	(Actual) May-22	(Actual) Jun-22	(Actual) Jul-22	(Forecast) Aug-22	(Forecast) Sep-22		orecast) Oct-22
Demand Costs (net of Capacity Assignment)	00(2)		1404-21	DCC 21	OUIT ZZ	100-22	Widi ZZ	7 tp1-22	Way-ZZ	OUIT-ZZ	oui ZZ	7 tug-22	OCP ZZ		00122
Pipeline															
Storage															
On-system Peaking															
Off-System Peaking															
Total Demand Costs		-													
Total Demand Costs		+										+			
Asset Management and Capacity Release															
NUI AMA Revenue															
NUI Capacity Release															
NUI AMA Rev & Cap. Release Subtotal															
NH AMA Revenue															
NH Capacity Release															
NH Total Asset Management and Capacity Release		+										+			
TWY Total 7 toods management and capacity Ttologo		+										+			
Outage Replacement															
Re-entry Rate & Conversion Rate Revenue		+								\$ -		+			
Off-system sales															
Net Demand Costs		\$	1,288,367	\$ 1,269,577	\$ 1,298,72	6 \$ 1,325,570	\$ 1,255,207	\$ 757,863	\$ 1,066,612	\$ 1,062,771	\$ 1,070,718	\$ 1,069,076	\$ 1,069,076	\$	1,069,076
NUI Commodity Costs															
NUI Total Pipeline Volumes												401,078	426,093		718,859
Pipeline Costs Modeled in Sendout™												\$ 1,382,979	\$ 1,410,783	\$	2,512,274
NYMEX Price Used for Forecast												\$ 3.8790	\$ 3.8630	\$	3.8900
NYMEX Price Used for Update												\$ 8.6870	\$ 8.2020	\$	8.1930
Increase/(Decrease) NYMEX Price												\$ 4.81	\$ 4.34	\$	4.30
Percentage of purchases tied to NYMEX												100.00%		,	100.00%
Increase/(Decrease) in Pipeline Costs													\$ 1,848,818	\$	3,093,250
Total Updated Pipeline Costs												\$ 3,311,362			5,605,524
New Hampshire Allocated Percentage												27.40%		Ψ	33.29%
NH Updated Pipeline Costs		+										\$ 907.457		œ	1,866,198
NA Opdated Pipeline Costs		+-										\$ 907,457	\$ 931,967	Ф	1,000,190
NH Peaking Volumes												1,860	1,800		1,860
NH Peaking Costs Modeled in Sendout												\$ 11,464	\$ 13,455	\$	14,402
Percentage of purchases tied to NYMEX												3.18%	3.18%		3.18%
Change in NYMEX Price												\$ 4.81	\$ 4.34	\$	4.30
Increase/(Decrease) in Pieaking Costs												\$ 285		\$	255
Total Update Peaking Costs												\$ 11.748			14.657
New Hampshire Allocated Percentage												27.40%		1	33.29%
NH Updated Peaking Costs		\top					1	1				\$ 3,220		\$	4,879
, , , , , , , , , , , , , , , , , , ,															, . .
NH Commodity Costs								1						_	
Pipeline														\$	1,866,198
Storage												\$ -	\$ -	\$	-
Peaking							1	1				\$ 3,220			4,879
Total Commodity Costs		\$	1,737,238	\$ 3,466,900	\$ 5,395,69	1 \$ 3,874,419	9 \$ 2,576,591	\$ 1,355,432	\$ 1,076,211						1,871,078
Inventory Finance Charge		+					+	-	\$ -	\$ -	\$ -	- \$ -	\$ -	\$	-
Total Anticipated Direct Cost of Gas		\$	3,025,605	\$ 4,736,477	\$ 6,694,41	7 \$ 5.199.989	9 \$ 3,831,799	\$ 2.113.295	\$ 2,142,823	\$ 1,854,783	\$ 1,632,670	\$ 1,979,752	\$ 2,004,961	\$	2,940,154
		ੁ—	-,020,000	+ 1,100,477	→ 0,00 τ,→ 1	. , , , , , , , , , , , , , , , , , , ,	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	, · · · · · · · · ·	,, 020	,00.,700	,002,070	- 1,0.0,70Z	- 2,00.,001	. *	_,5 .5, .54

Northern Utilities NEW HAMPSHIRE (Over) / Undercollection Anal

18 19

Total Anticipated Direct Cost of Gas

Sales Revenues			Prior		
Volumes	Winter	Summer	Period		Total
Residential Heat & Non Heat	Willo	Cummer	1 Chou		rotai
Sales HLF Classes					
Sales LLF Classes					
Total					
Rates					
Residential Heat & Non Heat CGA					
Sales HLF Classes CGA					
Sales LLF Classes CGA					
Revenues					
Residential Heat & Non Heat					
Sales HLF Classes					
Sales LLF Classes					
Total Sales	\$ (32,321,037)	\$ (6,784,739)		\$	(39,105,775
Gas Costs and Credits					
					Total
Demand Costs (net of Capacity Assignment)					
Pipeline					
Storage					
On-system Peaking					
Off-System Peaking					
Total Demand Costs					
Asset Management and Capacity Release					
NUI AMA Revenue					
NUI Capacity Release					
NUI AMA Rev & Cap. Release Subtotal					
NH AMA Revenue					
NH Capacity Release					
NH Total Asset Management and Capacity Release					
				\$	-
Outage Replacement					
D . D . O . D . D					
Re-entry Rate & Conversion Rate Revenue				\$	
Off-system sales Net Demand Costs	\$ 7,195,310	\$ 6,407,328		\$	13,602,639
Net Demand Costs	\$ 7,195,510	\$ 6,407,326		- P	13,002,038
NUI Commodity Costs					
NUI Total Pipeline Volumes					
Pipeline Costs Modeled in Sendout™					
NYMEX Price Used for Forecast					
NYMEX Price Used for Update					
Increase/(Decrease) NYMEX Price					
Percentage of purchases tied to NYMEX					
Increase/(Decrease) in Pipeline Costs					
Total Updated Pipeline Costs					
New Hampshire Allocated Percentage					
NH Updated Pipeline Costs					
Speaked i ipoline oooks	+			-	
NH Peaking Volumes					
NH Peaking Costs Modeled in Sendout					
Percentage of purchases tied to NYMEX					
Change in NYMEX Price					
Increase/(Decrease) in Pieaking Costs					
Total Update Peaking Costs					
New Hampshire Allocated Percentage					
NH Updated Peaking Costs	+				
Titl Opticion Feating Costs	+			-	
NH Commodity Costs					
Pipeline					
Storage					
Peaking					
Total Commodity Costs	\$ 18,406,271	\$ 6,147,815		\$	24.554.08
Inventory Finance Charge	\$ 10,400,271	\$ 6,147,615		\$	27,004,000
inventory Fillance Charge	φ -	- Ψ		Þ	

\$ 25,601,581 \$ 12,555,143

Northern Utilities, Inc. New Hampshire Division Attachment 2 Page 2 of 4

Northern Utilities NEW HAMPSHIRE (Over) / Undercollection Analysis, Balances and Interest Calculation

						Winter								Sumr				
			(Actual)	(Actual)	(Actual)		(Actual)	(Actual)		ctual)	(Actual)		(Actual)	(Actual)	(Forecast)		Forecast)	(Forecast)
	0	ct-21	Nov-21	Dec-21	Jan-22		Feb-22	Mar-22	Ap	pr-22	May-22		Jun-22	Jul-22	Aug-22		Sep-22	Oct-22
Working Capital																		
Total Anticipated Direct Cost of Gas		\$		\$ 4,893,096	\$ 6,851,0	36 \$	5,356,607	3,988,417	\$ 2	2,269,914	\$ 2,162,297	\$	1,874,258	\$ 1,652,145	\$ 1,999,227	\$	2,024,436	\$ 2,959,628
Working Capital Percentage			0.0892%	0.09%	0.0	9%	0.09%	0.09%		0.09%	0.09%	5	0.09%	0.11%	0.11%		0.11%	0.119
Working Capital Allowance		\$	2,839	\$ 4,365	\$ 6,1	11 \$	4,778 \$	3,558	\$	2,025	\$ 1,929	\$	1,672	\$ 1,814	\$ 2,195	\$	2,223	\$ 3,250
Beginning Period Working Capital Balance		\$	(1,398)	\$ 1,441	\$ 5,8	16 \$	11,951 \$	16,768	\$	20,376	\$ 22,458	\$	24,450	\$ 26,191	\$ 28,078	\$	30,352	\$ 32,660
End of Period Working Capital Allowance		\$	1,441	\$ 5,806	\$ 11,9	27 \$	16,729 \$		\$	22,400	\$ 24,387	\$	26,122	\$ 28,005		\$	32,575	\$ 35,910
Interest		\$	0	\$ 10	\$	24 \$	39 \$	50	\$	58	\$ 63	\$	68	\$ 73	\$ 79	\$	85	\$ 93
End of period with Interest	\$	(1,398) \$	1,441	\$ 5,816	\$ 11,9	51 \$	16,768	20,376	\$	22,458	\$ 24,450	\$	26,191	\$ 28,078	\$ 30,352	\$	32,660	\$ 36,003
Bad Debt																		
Projected Bad Debt	\$	- \$	8,836	\$ 14,798	\$ (10,2	32) \$	4,559	10,087	\$	7,592	\$ 3,982	\$	11,494	\$ 15,551	\$ 15,185	\$	22,777	\$ 15,185
Beginning Period Bad Debt Balance		\$	(44,260)	\$ (35,532)	\$ (20,8	10) \$	(31,113) \$	(26,632)	\$	(16,604)	\$ (9,046)) \$	(5,083)	\$ 6,412	\$ 22,002	\$	37,267	\$ 60,177
End of Period Bad Debt Balance		\$	(35,424)	\$ (20,734)	\$ (31,0	(42) \$	(26,554) \$	(16,545)	\$	(9,011)	\$ (5,064)) \$	6,411	\$ 21,964	\$ 37,187	\$	60,045	\$ 75,362
Interest		\$	(108)	\$ (76)	\$	70) \$	(78) \$	(58)	\$	(35)	\$ (19) \$	2	\$ 38	\$ 80	\$	132	\$ 184
End of Period Bad Debt Balance with Interest	\$	(44,260) \$	(35,532)	\$ (20,810)	\$ (31,1	13) \$	(26,632) \$	(16,604)	\$	(9,046)	\$ (5,083) \$	6,412	\$ 22,002	\$ 37,267	\$	60,177	\$ 75,545
Local Production and Storage Capacity		\$	79,351	\$ 79,351	\$ 79,3	51 \$	79,351 \$	79,351	\$	79,351	\$ -	\$	-	\$ -	\$ -	\$	-	\$
5 . ,		\$	-	\$ -	\$	- 1		-		-						'		
Miscellaneous Overhead		\$	77,268	\$ 77,268	\$ 77,2	68 \$	77,268	77,268	\$	77,268	\$ 19,475	\$	19,475	\$ 19,475	\$ 19,475	\$	19,475	\$ 19,475
Gas Cost Other than Bad Debt and Working Capital Over/	Under Co	ollection																
Beginning Balance Over/Under Collection	\$	255,642 \$		\$ (388,104)		58) \$	(1,487,318) \$	(2,872,647)			\$ (5,558,473)) \$	(4,516,264)	\$	\$ (2,426,315)	\$	(1,426,853)	
Net Costs - Revenues		\$	(643,567)	\$ (620,962)		81) \$	(1,379,433) \$			1,247,272)	\$ 1,055,833	\$	1,200,204	\$	\$ 1,004,673		922,082	\$ 796,330
Ending Balance before Interest		\$	(387,925)	\$ (1,009,066)	\$ (1,483,9	39) \$	(2,866,751) \$	(4,288,175)	\$ (5	5,545,143)	\$ (4,502,640)) \$	(3,316,060)	\$ (2,418,535)	\$ (1,421,643)	\$	(504,771)	\$ 288,943
Average Balance		\$	(66,141)	\$ (698,585)	\$ (1,247,4	49) \$	(2,177,034) \$	(3,580,411)	\$ (4	1,921,508)	\$ (5,030,556) \$	(3,916,162)	\$ (2,872,601)	\$ (1,923,979)	\$	(965,812)	\$ (109,222
Interest Rate			3.25%	3.25%	3.2		3.25%	3.25%		3.25%	3.25%		3.25%	3.25%	3.25%		3.25%	3.259
Interest Expense		\$	(179)	\$ (1,892)	\$ (3,3	79) \$	(5,896) \$	(9,697)	\$	(13,329)	\$ (13,624)) \$	(10,606)	\$ (7,780)	\$ (5,211)	\$	(2,616)	
Ending Balance Incl Interest Expense	\$	255,642 \$	(388,104)	\$ (1,010,958)	\$ (1,487,3	18) \$	(2,872,647) \$	(4,297,872)	\$ (5	5,558,473)	\$ (4,516,264) \$	(3,326,667)	\$ (2,426,315)	\$ (1,426,853)	\$	(507,387)	\$ 288,647
Total Over/Under Collection Ending Balance	\$	209,985 \$	(422,195)	\$ (1,025,953)	\$ (1,506,4	80) \$	(2,882,511) \$	(4,294,100)	\$ (5	5,545,061)	\$ (4,496,897) \$	(3,294,064)	\$ (2,376,235)	\$ (1,359,234)	\$	(414,550)	\$ 400,195
																ļ.,		
Total Indirect Cost of Gas	\$	209,985 \$	168,006	\$ 173,823	\$ 149,0	73 \$	160,020 \$	160,558	\$	152,930	\$ 11,806	\$	22,104	\$ 29,172	\$ 31,803	\$	42,076	\$ 37,890
Total Cost of Gas	\$	209.985 \$	3.193.611	\$ 4.910.299	\$ 6.843.4	90 \$	5.360.009 \$	3.992.356	\$ 2	2.266.226	\$ 2.154.628	\$	1.876.887	\$ 1.661.842	\$ 2.011.556	\$	2.047.037	\$ 2.978.044
		,	-,,-	, ,, ,, ,,			.,,	.,,	· -	,,			,,	 ,	. ,,	1 -	,. ,	, , , , , , , , , , , , , , , , , , , ,
Total Interest	\$	- \$	(287)	\$ (1,958)	\$ (3,4	25) \$	(5,935) \$	(9,705)	\$	(13,306)	\$ (13,580) \$	(10,536)	\$ (7,668)	\$ (5,052)	\$	(2,399)	\$ (19

April 30th Target Balance	\$ (5,202,006)
April 30th Projected Balance	\$ (5,545,061)
Variance	\$ (343,054)

Northern Utilities NEW HAMPSHIRE (Over) / Undercollection Anal

	_				_	Prior		
		Winter		0		Prior		T-4-1
Working Capital		vvinter		Summer		Period		Total
Total Anticipated Direct Cost of Gas							\$	39,213,285
Working Capital Percentage							φ	39,213,203
Working Capital Allowance	\$	23.675	\$	13.082	\$	(1,398)	\$	35,360
Beginning Period Working Capital Balance	φ	23,073	φ	13,002	φ	(1,380)	φ	35,300
End of Period Working Capital Allowance								
Interest	\$	181	\$	462			\$	643
End of period with Interest	Ψ	101	Ψ	402			Ψ	040
Bad Debt								
Projected Bad Debt	\$	35.639	\$	84.175	\$	(44,260)	\$	75.554
Beginning Period Bad Debt Balance	*	,	_	,	_	(,=,	7	,
End of Period Bad Debt Balance								
Interest	\$	(426)	\$	417			\$	(9)
End of Period Bad Debt Balance with Interest		(-,	ľ					(-)
Local Production and Storage Capacity	\$	476,106	\$	-			\$	476,106
							\$	-
Miscellaneous Overhead	\$	463,606	\$	116,849			\$	580,455
Gas Cost Other than Bad Debt and Working Capital Over/U								
Beginning Balance Over/Under Collection							\$	(27,563,215)
Net Costs - Revenues							\$	107,510
Ending Balance before Interest							\$	(27,455,705)
Average Balance							\$	(27,509,460)
Interest Rate								(74 505)
Interest Expense						055.040	\$	(74,505)
Ending Balance Incl Interest Expense					\$	255,642		
Total Over/Under Collection Ending Balance								
Total Indirect Cost of Gas	\$	964,410	\$	174,852	\$	209,985	\$	1,349,246
Total Cost of Gas	\$	26,565,991	\$	12,729,995	\$	209.985	\$	39,505,971
	7		-	,0,000	-		-	22,230,011
Total Interest	\$	(34,616)	\$	(39,254)			\$	(73,870)

Northern Utilities, Inc. New Hampshire Division Attachment 2 Page 4 of 4

Typical Residential Heating Bill - 133 therms/Summer Comparison of Summer Proposed vs. Currently Effective Summer 2022 Bills

1	•	•	May	June	July	August	Sept	October	Summer
2	Typical Usage: therms(*)		51	21	14	12	15	21	133
3	Proposed Summer 2022 Rates	S							
4 Custome		\$22.20	\$22.20	\$22.20	\$22.20	\$22.20	\$22.20	\$22.20	\$133.20
5 First	50 units @	\$0.8841	\$44.21	\$18.71	\$12.37	\$10.28	\$13.15	\$18.45	\$117.16
6 Over	50 units @	\$0.8841	\$0.52	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.52
7	COG 1	\$0.6361	\$32.18						\$32.18
8	COG 2	\$0.9126		\$19.31					\$19.31
9	COG 3	\$0.9126			\$12.77				\$12.77
10	COG 4	\$0.9126				\$10.61			\$10.61
11	COG 5	\$1.1204					\$16.66		\$16.66
12	COG 6	\$1.1204						\$23.38	\$23.38
13	Summer Period 2022 Avg. CO								
14	LDAC	\$0.0816	\$4.13	\$1.73	\$1.14	\$0.95	\$1.21	\$1.70	\$10.86
15		TOTAL	\$103.23	\$61.95	\$48.48	\$44.03	\$53.23	\$65.73	\$376.65
		_							
40			Maria	1	Luku	A 4	04	A-4-1	0
16	Typical Heage; thorms		May	June	July	August	Sept	October	Summer
17	Typical Usage: therms	Pates	May 51	June 21	July 14	August 12	Sept 15	October 21	Summer 133
17 18 (Currently Effective Summer 2022		51	21	14	12	15	21	<u>133</u>
17 18 (19) Custome	Currently Effective Summer 2022 er Charge units @	\$22.20	\$22.20	21 \$22.20	14 \$22.20	12 \$22.20	15 \$22.20	\$22.20	133 \$133.20
17 18 (19) Customo 20) First	Currently Effective Summer 2022 er Charge units @ 50 units @	\$22.20 \$0.8841	\$22.20 \$44.21	\$22.20 \$18.71	\$22.20 \$12.37	\$22.20 \$10.28	\$22.20 \$13.15	\$22.20 \$18.45	\$133.20 \$117.16
17 18 Custome 20 First 21 Over	currently Effective Summer 2022 er Charge units @ 50 units @ 50 units @	\$22.20 \$0.8841 \$0.8841	\$22.20 \$44.21 \$0.52	21 \$22.20	14 \$22.20	12 \$22.20	15 \$22.20	\$22.20	\$133.20 \$117.16 \$0.52
17 18 (19 Customo 20 First 21 Over 22	Currently Effective Summer 2022 er Charge units @ 50 units @	\$22.20 \$0.8841 \$0.8841 \$0.6361	\$22.20 \$44.21	\$22.20 \$18.71 \$0.00	\$22.20 \$12.37	\$22.20 \$10.28	\$22.20 \$13.15	\$22.20 \$18.45	\$133.20 \$117.16 \$0.52 \$32.18
17 18 Custome 20 First 21 Over 22 23	er Charge units @ 50 units @ 50 units @ COG 1	\$22.20 \$0.8841 \$0.8841	\$22.20 \$44.21 \$0.52	\$22.20 \$18.71	\$22.20 \$12.37	\$22.20 \$10.28	\$22.20 \$13.15	\$22.20 \$18.45	\$133.20 \$117.16 \$0.52
17 18 Custome 20 First Over 22 23 24	er Charge units @ 50 units @ 50 units @ COG 1 COG 2	\$22.20 \$0.8841 \$0.8841 \$0.6361 \$0.9126	\$22.20 \$44.21 \$0.52	\$22.20 \$18.71 \$0.00	\$22.20 \$12.37 \$0.00	\$22.20 \$10.28	\$22.20 \$13.15	\$22.20 \$18.45	\$133.20 \$117.16 \$0.52 \$32.18 \$19.31
17	er Charge units @ 50 units @ COG 1 COG 2 COG 3	\$22.20 \$0.8841 \$0.8841 \$0.6361 \$0.9126 \$0.9126	\$22.20 \$44.21 \$0.52	\$22.20 \$18.71 \$0.00	\$22.20 \$12.37 \$0.00	\$22.20 \$10.28 \$0.00	\$22.20 \$13.15 \$0.00	\$22.20 \$18.45	\$133.20 \$117.16 \$0.52 \$32.18 \$19.31 \$12.77 \$10.61
17 Custome 20 First 21 Over 22 23 24 25 26	er Charge units @ 50 units @ 50 units @ COG 1 COG 2 COG 3 COG 4 COG 5	\$22.20 \$0.8841 \$0.8841 \$0.6361 \$0.9126 \$0.9126 \$0.9126 \$0.9126	\$22.20 \$44.21 \$0.52	\$22.20 \$18.71 \$0.00	\$22.20 \$12.37 \$0.00	\$22.20 \$10.28 \$0.00	\$22.20 \$13.15	\$22.20 \$18.45 \$0.00	\$133.20 \$117.16 \$0.52 \$32.18 \$19.31 \$12.77 \$10.61 \$13.57
17 Custome 20 First 21 Over 22 23 24 25 26 27	er Charge units @ 50 units @ 50 units @ COG 1 COG 2 COG 3 COG 4 COG 5 COG 6	\$22.20 \$0.8841 \$0.8841 \$0.6361 \$0.9126 \$0.9126 \$0.9126 \$0.9126 \$0.9126	\$22.20 \$44.21 \$0.52	\$22.20 \$18.71 \$0.00	\$22.20 \$12.37 \$0.00	\$22.20 \$10.28 \$0.00	\$22.20 \$13.15 \$0.00	\$22.20 \$18.45	\$133.20 \$117.16 \$0.52 \$32.18 \$19.31 \$12.77 \$10.61
17	er Charge units @ 50 units @ 50 units @ COG 1 COG 2 COG 3 COG 4 COG 5	\$22.20 \$0.8841 \$0.8841 \$0.6361 \$0.9126 \$0.9126 \$0.9126 \$0.9126 \$0.9126	\$22.20 \$44.21 \$0.52	\$22.20 \$18.71 \$0.00	\$22.20 \$12.37 \$0.00	\$22.20 \$10.28 \$0.00	\$22.20 \$13.15 \$0.00	\$22.20 \$18.45 \$0.00	\$133.20 \$117.16 \$0.52 \$32.18 \$19.31 \$12.77 \$10.61 \$13.57
17 Custome 20 First 21 Over 22 23 24 25 26 27 28	er Charge units @ 50 units @ 50 units @ COG 1 COG 2 COG 3 COG 4 COG 5 COG 6 Summer Period 2021 Avg. COG	\$22.20 \$0.8841 \$0.8841 \$0.6361 \$0.9126 \$0.9126 \$0.9126 \$0.9126 \$0.9126 \$0.9126	\$22.20 \$44.21 \$0.52 \$32.18	\$22.20 \$18.71 \$0.00 \$19.31	\$22.20 \$12.37 \$0.00 \$12.77	\$22.20 \$10.28 \$0.00 \$10.61	\$22.20 \$13.15 \$0.00 \$13.57	\$22.20 \$18.45 \$0.00 \$19.04	\$133.20 \$117.16 \$0.52 \$32.18 \$19.31 \$12.77 \$10.61 \$13.57 \$19.04
17 Custome 20 First Over 22 23 24 25 26 27 28 29 30	er Charge units @ 50 units @ 50 units @ COG 1 COG 2 COG 3 COG 4 COG 5 COG 6 Summer Period 2021 Avg. COG	\$22.20 \$0.8841 \$0.8841 \$0.6361 \$0.9126 \$0.9126 \$0.9126 \$0.9126 \$0.9126 \$0.9126 \$0.9126 \$0.9126	\$22.20 \$44.21 \$0.52 \$32.18 \$4.13 \$103.23	\$22.20 \$18.71 \$0.00 \$19.31 \$1.73 \$61.95	\$22.20 \$12.37 \$0.00 \$12.77 \$1.14 \$48.48	\$22.20 \$10.28 \$0.00 \$10.61 \$0.95	\$22.20 \$13.15 \$0.00 \$13.57 \$1.21 \$50.14	\$22.20 \$18.45 \$0.00 \$19.04 \$1.70 \$61.40	\$133.20 \$117.16 \$0.52 \$32.18 \$19.31 \$12.77 \$10.61 \$13.57 \$19.04 \$10.86
17 18 Custome 20 First 21 Over 22 23 24 25 26 27 28 29	er Charge units @ 50 units @ 50 units @ COG 1 COG 2 COG 3 COG 4 COG 5 COG 6 Summer Period 2021 Avg. COG	\$22.20 \$0.8841 \$0.8841 \$0.6361 \$0.9126 \$0.9126 \$0.9126 \$0.9126 \$0.9126 \$0.9126	\$22.20 \$44.21 \$0.52 \$32.18	\$22.20 \$18.71 \$0.00 \$19.31	\$22.20 \$12.37 \$0.00 \$12.77	\$22.20 \$10.28 \$0.00 \$10.61	\$22.20 \$13.15 \$0.00 \$13.57 \$13.57	\$22.20 \$18.45 \$0.00 \$19.04 \$1.70	\$133.20 \$117.16 \$0.52 \$32.18 \$19.31 \$12.77 \$10.61 \$13.57 \$19.04

^{*-}Note- Weighted by usage. Actual Weather Normalized.

Typical G-40 Commercial & Industrial Bill - 283 therms/Summer Comparison of Summer Proposed vs. Currently Effective Summer 2022 Bills

	•	-						F	
1			May	June	July	August	Sept	October	Summer
2	Typical Usage: therms(*)		122	42	24	20	31	44	<u>283</u>
3	Proposed Summer 2022 Rates								
4 Customer C	Charge units @	\$80.00	\$80.00	\$80.00	\$80.00	\$80.00	\$80.00	\$80.00	\$480.00
5 First	75 units @	\$0.2320	\$17.40	\$9.82	\$5.49	\$4.66	\$7.28	\$10.29	\$54.95
6 Over	75 units @	\$0.2320	\$10.82	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$10.82
7	COG 1	\$0.6630	\$80.65						\$80.65
8	COG 2	\$0.9395		\$39.79					\$39.79
9	COG 3	\$0.9395			\$22.23				\$22.23
10	COG 4	\$0.9395				\$18.88			\$18.88
11	COG 5	\$1.1473					\$36.01		\$36.01
12	COG 6	\$1.1473						\$50.90	\$50.90
13	Summer Period 2022 Avg. COG	\$0.8764 *							
14	LDAC	\$0.0504	\$6.13	\$2.13	\$1.19	\$1.01	\$1.58	\$2.24	\$14.29
15	•	TOTAL	\$195.00	\$131.74	\$108.91	\$104.56	\$124.88	\$143.43	\$808.51
								·	
4.0								2 4 1	
16	T : 111 0		May	June	July	August	Sept	October	Summer
17	Typical Usage: therms		122	42	24	20	31	44	<u>283</u>
	urrently Effective Summer 2022 Rat								
19 Customer C		\$80.00	\$80.00	\$80.00	\$80.00	\$80.00	\$80.00	\$80.00	\$480.00
20 First	75 units @	\$0.2320	\$17.40	\$9.82	\$5.49	\$4.66	\$7.28	\$10.29	\$54.95
21 Over	75 units @	\$0.2320	\$10.82	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$10.82
22	COG 1	\$0.6630	\$80.65	#00.70					\$80.65
23	COG 2	\$0.9395		\$39.79	#00.00				\$39.79
24	COG 3	\$0.9395			\$22.23	440.00			\$22.23
25	COG 4	\$0.9395				\$18.88			\$18.88
26	COG 5	\$0.9395					\$29.49		\$29.49
27	COG 6	\$0.9395						\$41.68	\$41.68
28	Summer Period 2021 Avg. COG	\$0.8209 *							
29	LDAC	\$0.0504	\$6.13	\$2.13	\$1.19	\$1.01	\$1.58	\$2.24	\$14.29
	LDAG	\$0.0504	Ψ0.10	•				¥	
30		TOTAL	\$195.00	\$131.74	\$108.91	\$104.56	\$118.35	\$134.21	\$792.77
30 31		·	-		\$108.91 \$0.00	\$104.56 \$0.00	\$118.35 \$6.52		<u>\$792.77</u> <u>\$15.74</u>
		TOTAL	\$195.00	\$131.74				\$134.21	

^{*-}Note- Weighted by usage. Actual Weather Normalized.

Typical G-41 Commercial & Industrial Bill - 3,509 therms/Summer Comparison of Summer Proposed vs. Currently Effective Summer 2022 Bills

			May	June	July	August	Sept	October	Summe
2	Typical Usage: therms(1)		1,273	552	360	210	438	676	3,50
Prop	osed Summer 2022 Rates								
Customer Charge	units @	\$225.00	\$225.00	\$225.00	\$225.00	\$225.00	\$225.00	\$225.00	\$1,350.0
All	units @	\$0.2744	\$349.26	\$151.50	\$98.77	\$57.56	\$120.30	\$185.41	\$962.7
6	COG 1	\$0.6630	\$843.87						\$843.
	COG 2	\$0.9395		\$518.71					\$518.
3	COG 3	\$0.9395			\$338.18				\$338.
	COG 4	\$0.9395				\$197.06			\$197.
	COG 5	\$1.1473					\$502.98		\$502.
	COG 6	\$1.1473						\$775.21	\$775.
2	Summer Period 2022 Avg. COG	\$0.9052 *							
}	LDAC	\$0.0504	\$64.15	\$27.83	\$18.14	\$10.57	\$22.10	\$34.05	\$176.
		TOTAL	\$1,482.27	\$923.04	\$680.10	\$490.19	\$870.38	\$1,219.67	\$5,665.
			May	June	.lulv	August	Sent	October	Sumn
; ;	Typical Usage: therms		May 1,273	June 552	July 360	August 210	Sept 438	October 676	Summ 3,5
5	Typical Usage: therms Effective Summer 2022 Rat	tes							
5	Typical Usage: therms Effective Summer 2022 Ratunits @	tes \$225.00							
Currently Customer Charge	Effective Summer 2022 Rat		1,273	552	360	210	438	676	3,5
Currently	Effective Summer 2022 Rat units @	\$225.00	1,273 \$225.00	552 \$225.00	360 \$225.00	210 \$225.00	438 \$225.00	676 \$225.00	3,5 \$1,350
Currently Customer Charge	Effective Summer 2022 Rat units @ units @	\$225.00 \$0.2744	1,273 \$225.00 \$349.26	552 \$225.00	360 \$225.00	210 \$225.00	438 \$225.00	676 \$225.00	\$1,350 \$962
Currently Customer Charge	Effective Summer 2022 Rat units @ units @ COG 1	\$225.00 \$0.2744 \$0.6630	1,273 \$225.00 \$349.26	\$225.00 \$151.50	360 \$225.00	210 \$225.00	438 \$225.00	676 \$225.00	\$1,350 \$962 \$843
Currently Customer Charge	Effective Summer 2022 Rat units @ units @ COG 1 COG 2	\$225.00 \$0.2744 \$0.6630 \$0.9395	1,273 \$225.00 \$349.26	\$225.00 \$151.50	360 \$225.00 \$98.77	210 \$225.00	438 \$225.00	676 \$225.00	\$1,350 \$962 \$843 \$518 \$338
Currently Customer Charge	Effective Summer 2022 Rat units @ units @ COG 1 COG 2 COG 3	\$225.00 \$0.2744 \$0.6630 \$0.9395 \$0.9395	1,273 \$225.00 \$349.26	\$225.00 \$151.50	360 \$225.00 \$98.77	\$210 \$225.00 \$57.56	438 \$225.00	676 \$225.00	\$1,350 \$962 \$843 \$518
Currently Customer Charge	Effective Summer 2022 Rat units @ units @ COG 1 COG 2 COG 3 COG 4	\$225.00 \$0.2744 \$0.6630 \$0.9395 \$0.9395 \$0.9395	1,273 \$225.00 \$349.26	\$225.00 \$151.50	360 \$225.00 \$98.77	\$210 \$225.00 \$57.56	\$225.00 \$120.30	676 \$225.00	\$1,350 \$962 \$843 \$518 \$338 \$197 \$411
Currently Customer Charge	Effective Summer 2022 Rat units @ units @ COG 1 COG 2 COG 3 COG 4 COG 5	\$225.00 \$0.2744 \$0.6630 \$0.9395 \$0.9395 \$0.9395 \$0.9395	1,273 \$225.00 \$349.26	\$225.00 \$151.50	360 \$225.00 \$98.77	\$210 \$225.00 \$57.56	\$225.00 \$120.30	\$225.00 \$185.41	\$1,350 \$962 \$843 \$518 \$338 \$197 \$411
Currently Customer Charge	Units @ units @ COG 1 COG 2 COG 3 COG 4 COG 5 COG 6	\$225.00 \$0.2744 \$0.6630 \$0.9395 \$0.9395 \$0.9395 \$0.9395 \$0.9395	1,273 \$225.00 \$349.26	\$225.00 \$151.50	360 \$225.00 \$98.77	\$210 \$225.00 \$57.56	\$225.00 \$120.30	\$225.00 \$185.41	\$1,350 \$962 \$843 \$518 \$338 \$197 \$411 \$634
Currently Customer Charge	Effective Summer 2022 Rat units @ units @ COG 1 COG 2 COG 3 COG 4 COG 5 COG 6 Summer Period 2021 Avg. COG LDAC	\$225.00 \$0.2744 \$0.6630 \$0.9395 \$0.9395 \$0.9395 \$0.9395 \$0.9395 \$0.8392	1,273 \$225.00 \$349.26 \$843.87	\$225.00 \$151.50 \$518.71	\$225.00 \$98.77 \$338.18	\$225.00 \$57.56 \$197.06	\$225.00 \$120.30 \$411.88	\$225.00 \$185.41 \$634.80	\$1,350 \$962 \$843 \$518 \$338 \$197 \$411 \$634
Currently Customer Charge	Units @ units @ COG 1 COG 2 COG 3 COG 4 COG 5 COG 6 Summer Period 2021 Avg. COG LDAC	\$225.00 \$0.2744 \$0.6630 \$0.9395 \$0.9395 \$0.9395 \$0.9395 \$0.9395 \$0.8392 *	1,273 \$225.00 \$349.26 \$843.87	\$225.00 \$151.50 \$518.71 \$27.83	\$225.00 \$98.77 \$338.18	\$225.00 \$57.56 \$197.06	\$225.00 \$120.30 \$411.88	\$225.00 \$185.41 \$634.80 \$34.05	\$1,350 \$962 \$843 \$518 \$338 \$197

^{*-}Note- Weighted by usage. Actual Weather Normalized.

Typical G-51 Commercial & Industrial Bill - 6,060 therms/Summer Comparison of Summer Proposed vs. Currently Effective Summer 2022 Bills

		Companison of Cu	•							
1	!			May	June	July	August	Sept	October	Summer
2		Typical Usage:	therms(1)	990	951	992	928	1,122	1,078	<u>6,060</u>
3	B Prop	oosed Summer 2022 Rates								
4	Customer Charge	units @	\$225.00	\$225.00	\$225.00	\$225.00	\$225.00	\$225.00	\$225.00	\$1,350.00
5	First	1,000 units @	\$0.1656	\$163.96	\$157.43	\$164.19	\$153.64	\$165.60	\$165.60	\$970.42
6	Over	1,000 units @	\$0.1312	\$0.00	\$0.00	\$0.00	\$0.00	\$16.01	\$10.27	\$26.28
7	'	COG 1	\$0.5925	\$586.63						\$586.63
8		COG 2	\$0.8690		\$826.14					\$826.14
ć		COG 3	\$0.8690			\$861.62				\$861.62
10		COG 4	\$0.8690				\$806.23			\$806.23
11		COG 5	\$1.0768					\$1,208.24		\$1,208.24
12	2	COG 6	\$1.0768						\$1,161.07	\$1,161.07
13	3	Summer Period 2022 Avg. COG	\$0.8993 *							
14		LDAC	\$0.0504	\$49.90	\$47.91	\$49.97	\$46.76	\$56.55	\$54.34	\$305.44
15	5	<u></u>	TOTAL	\$1,025.50	\$1,256.49	\$1,300.78	\$1,231.62	\$1,671.41	\$1,616.28	\$8,102.07
				. ,	* ,	, ,	* ,	* ,-	, ,-	, , , ,
	:			May	luno	luky	August	Sont	Octobor	Summor
16		Typical Heage:	therms	May	June	July	August	Sept	October	Summer
17	7	Typical Usage:		May 990	June 951	July 992	August 928	Sept 1,122	October 1,078	<u>Summer</u> <u>6,060</u>
17 18	Currently	/ Effective Summer 2022 Ra	tes	990	951	992	928	1,122	1,078	6,060
17 18 19	Currently Customer Charge	/ Effective Summer 2022 Ra units @	\$225.00	990 \$225.00	951 \$225.00	992 \$225.00	928 \$225.00	1,122 \$225.00	1,078 \$225.00	6.060 \$1,350.00
17 18 19 20	Customer Charge	/ Effective Summer 2022 Ra units @ 1,000 units @	\$225.00 \$0.1656	\$225.00 \$163.96	951 \$225.00 \$157.43	992 \$225.00 \$164.19	928 \$225.00 \$153.64	1,122 \$225.00 \$165.60	1,078 \$225.00 \$165.60	\$1,350.00 \$970.42
17 18 19 20 21	Customer Charge First Over	y Effective Summer 2022 Ra units @ 1,000 units @ 1,000 units @	\$225.00 \$0.1656 \$0.1312	990 \$225.00 \$163.96 \$0.00	951 \$225.00	992 \$225.00	928 \$225.00	1,122 \$225.00	1,078 \$225.00	\$1,350.00 \$970.42 \$26.28
17 18 19 20 21 22	Currently Customer Charge First Over	y Effective Summer 2022 Ra units @ 1,000 units @ 1,000 units @ COG 1	\$225.00 \$0.1656 \$0.1312 \$0.5925	\$225.00 \$163.96	951 \$225.00 \$157.43 \$0.00	992 \$225.00 \$164.19	928 \$225.00 \$153.64	1,122 \$225.00 \$165.60	1,078 \$225.00 \$165.60	\$1,350.00 \$970.42 \$26.28 \$586.63
17 18 19 20 21 22 23	Currently Customer Charge First Over	y Effective Summer 2022 Ra units @ 1,000 units @ 1,000 units @ COG 1 COG 2	\$225.00 \$0.1656 \$0.1312 \$0.5925 \$0.8690	990 \$225.00 \$163.96 \$0.00	951 \$225.00 \$157.43	992 \$225.00 \$164.19 \$0.00	928 \$225.00 \$153.64	1,122 \$225.00 \$165.60	1,078 \$225.00 \$165.60	\$1,350.00 \$970.42 \$26.28 \$586.63 \$826.14
17 18 19 20 21 22 23 24	Currently Customer Charge First Over	y Effective Summer 2022 Ra units @ 1,000 units @ 1,000 units @ COG 1 COG 2 COG 3	\$225.00 \$0.1656 \$0.1312 \$0.5925 \$0.8690 \$0.8690	990 \$225.00 \$163.96 \$0.00	951 \$225.00 \$157.43 \$0.00	992 \$225.00 \$164.19	928 \$225.00 \$153.64 \$0.00	1,122 \$225.00 \$165.60	1,078 \$225.00 \$165.60	\$1,350.00 \$970.42 \$26.28 \$586.63 \$826.14 \$861.62
17 18 19 20 21 22 23 24 25	Currently Customer Charge First Over	y Effective Summer 2022 Ra units @ 1,000 units @ 1,000 units @ COG 1 COG 2 COG 3 COG 4	\$225.00 \$0.1656 \$0.1312 \$0.5925 \$0.8690 \$0.8690 \$0.8690	990 \$225.00 \$163.96 \$0.00	951 \$225.00 \$157.43 \$0.00	992 \$225.00 \$164.19 \$0.00	928 \$225.00 \$153.64	1,122 \$225.00 \$165.60 \$16.01	1,078 \$225.00 \$165.60	\$1,350.00 \$970.42 \$26.28 \$586.63 \$826.14 \$861.62 \$806.23
17 18 19 20 21 22 23 24 25	Currently Customer Charge First Over	y Effective Summer 2022 Ra units @ 1,000 units @ 1,000 units @ COG 1 COG 2 COG 3 COG 4 COG 5	\$225.00 \$0.1656 \$0.1312 \$0.5925 \$0.8690 \$0.8690 \$0.8690 \$0.8690	990 \$225.00 \$163.96 \$0.00	951 \$225.00 \$157.43 \$0.00	992 \$225.00 \$164.19 \$0.00	928 \$225.00 \$153.64 \$0.00	1,122 \$225.00 \$165.60	1,078 \$225.00 \$165.60 \$10.27	\$1,350.00 \$970.42 \$26.28 \$586.63 \$826.14 \$861.62 \$806.23 \$975.07
17 18 19 20 21 22 23 24 25 26 27	Currently Customer Charge First Over	VEffective Summer 2022 Ra units @ 1,000 units @ 1,000 units @ COG 1 COG 2 COG 3 COG 4 COG 5 COG 6	\$225.00 \$0.1656 \$0.1312 \$0.5925 \$0.8690 \$0.8690 \$0.8690 \$0.8690 \$0.8690	990 \$225.00 \$163.96 \$0.00	951 \$225.00 \$157.43 \$0.00	992 \$225.00 \$164.19 \$0.00	928 \$225.00 \$153.64 \$0.00	1,122 \$225.00 \$165.60 \$16.01	1,078 \$225.00 \$165.60	\$1,350.00 \$970.42 \$26.28 \$586.63 \$826.14 \$861.62 \$806.23
17 18 19 20 21 22 23 24 25 26 27 28	Currently Customer Charge First Over	### Company of Company	\$225.00 \$0.1656 \$0.1312 \$0.5925 \$0.8690 \$0.8690 \$0.8690 \$0.8690 \$0.8690 \$0.8238	\$225.00 \$163.96 \$0.00 \$586.63	951 \$225.00 \$157.43 \$0.00 \$826.14	992 \$225.00 \$164.19 \$0.00 \$861.62	928 \$225.00 \$153.64 \$0.00 \$806.23	\$225.00 \$165.60 \$16.01 \$975.07	1,078 \$225.00 \$165.60 \$10.27	\$1,350.00 \$970.42 \$26.28 \$586.63 \$826.14 \$861.62 \$806.23 \$975.07 \$937.00
17 18 19 20 21 22 23 24 25 26 27	Currently Customer Charge First Over	VEffective Summer 2022 Ra units @ 1,000 units @ 1,000 units @ COG 1 COG 2 COG 3 COG 4 COG 5 COG 6	\$225.00 \$0.1656 \$0.1312 \$0.5925 \$0.8690 \$0.8690 \$0.8690 \$0.8690 \$0.8690	990 \$225.00 \$163.96 \$0.00	951 \$225.00 \$157.43 \$0.00	992 \$225.00 \$164.19 \$0.00	928 \$225.00 \$153.64 \$0.00	1,122 \$225.00 \$165.60 \$16.01	1,078 \$225.00 \$165.60 \$10.27	\$1,350.00 \$970.42 \$26.28 \$586.63 \$826.14 \$861.62 \$806.23 \$975.07
17 18 19 20 21 22 23 24 25 26 27 28	Currently Customer Charge First Over	units @ 1,000 units @ 1,000 units @ 1,000 units @ COG 1 COG 2 COG 3 COG 4 COG 5 COG 6 Summer Period 2021 Avg. COG	\$225.00 \$0.1656 \$0.1312 \$0.5925 \$0.8690 \$0.8690 \$0.8690 \$0.8690 \$0.8690 \$0.8238	\$225.00 \$163.96 \$0.00 \$586.63	951 \$225.00 \$157.43 \$0.00 \$826.14	992 \$225.00 \$164.19 \$0.00 \$861.62	928 \$225.00 \$153.64 \$0.00 \$806.23	\$225.00 \$165.60 \$16.01 \$975.07	1,078 \$225.00 \$165.60 \$10.27	\$1,350.00 \$970.42 \$26.28 \$586.63 \$826.14 \$861.62 \$806.23 \$975.07 \$937.00
17 18 19 20 21 22 23 24 25 26 27 28 29	Currently Customer Charge First Over	verificative Summer 2022 Ra units @ 1,000 units @ 1,000 units @ COG 1 COG 2 COG 3 COG 4 COG 5 COG 6 Summer Period 2021 Avg. COG	\$225.00 \$0.1656 \$0.1312 \$0.5925 \$0.8690 \$0.8690 \$0.8690 \$0.8690 \$0.8690 \$0.8238	\$225.00 \$163.96 \$0.00 \$586.63	951 \$225.00 \$157.43 \$0.00 \$826.14	\$225.00 \$164.19 \$0.00 \$861.62	\$225.00 \$153.64 \$0.00 \$806.23	\$225.00 \$165.60 \$16.01 \$975.07	1,078 \$225.00 \$165.60 \$10.27 \$937.00 \$54.34	\$1,350.00 \$970.42 \$26.28 \$586.63 \$826.14 \$861.62 \$806.23 \$975.07 \$937.00
17 18 19 20 21 22 23 24 25 26 27 28 29 30	Currently Customer Charge First Over	units @ 1,000 units @ 1,000 units @ 1,000 units @ COG 1 COG 2 COG 3 COG 4 COG 5 COG 6 Summer Period 2021 Avg. COG	\$225.00 \$0.1656 \$0.1312 \$0.5925 \$0.8690 \$0.8690 \$0.8690 \$0.8690 \$0.8690 \$0.8690 \$0.8090 \$0.8090	\$225.00 \$163.96 \$0.00 \$586.63 \$49.90	951 \$225.00 \$157.43 \$0.00 \$826.14 \$47.91 \$1,256.49	\$225.00 \$164.19 \$0.00 \$861.62 \$49.97 \$1,300.78	\$225.00 \$153.64 \$0.00 \$806.23 \$46.76	\$225.00 \$165.60 \$16.01 \$975.07 \$56.55	1,078 \$225.00 \$165.60 \$10.27 \$937.00 \$54.34 \$1,392.22	\$1,350.00 \$970.42 \$26.28 \$586.63 \$826.14 \$861.62 \$806.23 \$975.07 \$937.00 \$305.44

^{*-}Note- Weighted by usage.

Impact of Rate Changes on Residential Heating Bills by Usage Level Comparison of Summer Proposed vs. Currently Effective Summer 2022 Bills

Residential Heating		
	Current Rates	Proposed Rates
Customer Charge	\$22.20	\$22.20
First 50 Therms	\$0.8841	\$0.8841
Over 50 therms	\$0.8841	\$0.8841
LDAC	\$0.0816	\$0.0816
Average CGA	\$0.8075	\$0.8633

	Usage (Therms)	Current Bill Amount	F		Bill	Base Rate		COG		LDAC	
	5	\$31.07	\$31.35	\$0.28	0.9%	\$0.00	0.0%	\$0.28	0.9%	\$0.00	0.0%
	10	\$39.93	\$40.49	\$0.56	1.4%	\$0.00	0.0%	\$0.56	1.4%	\$0.00	0.0%
	20	\$57.66	\$58.78	\$1.12	1.9%	\$0.00	0.0%	\$1.12	1.9%	\$0.00	0.0%
Monthly*	25	\$66.53	\$67.93	\$1.39	2.1%	\$0.00	0.0%	\$1.39	2.1%	\$0.00	0.0%
	30	\$75.40	\$77.07	\$1.67	2.2%	\$0.00	0.0%	\$1.67	2.2%	\$0.00	0.0%
	45	\$101.99	\$104.51	\$2.51	2.5%	\$0.00	0.0%	\$2.51	2.5%	\$0.00	0.0%
	50	\$110.86	\$113.65	\$2.79	2.5%	\$0.00	0.0%	\$2.79	2.5%	\$0.00	0.0%
	75	\$155.19	\$159.38	\$4.18	2.7%	\$0.00	0.0%	\$4.18	2.7%	\$0.00	0.0%
	125	\$243.85	\$250.83	\$6.97	2.9%	\$0.00	0.0%	\$6.97	2.9%	\$0.00	0.0%
	150	\$288.18	\$296.55	\$8.37	2.9%	\$0.00	0.0%	\$8.37	2.9%	\$0.00	0.0%
	200	\$376.84	\$388.00	\$11.16	3.0%	\$0.00	0.0%	\$11.16	3.0%	\$0.00	0.0%

^{*} Monthly amount for benchmarking purposes, does not represent the average monthly use of Northern's residential class.