# NORTHERN UTILITIES, INC.- NEW HAMPSHIRE DIVISION Gas Assistance Program and Regulatory Assessment (GAPRA)

1	Peak Period	Customer Charge	First Block	Last Block	Cost of Gas	Total
2	R-10 Base Rates	\$22.20	\$0.6920	\$0.6920	\$0.9392	
3	R-10 Rate Discounted 45%	\$12.21	\$0.3806	\$0.3806	\$0.5166	
4	Program Subsidy	\$9.99	\$0.3114	\$0.3114	\$0.4226	
5	Average Winter Therms		271	293	564	
6						
7	Peak Period Subsidy	\$59.94	\$84.30	\$91.33	\$238.37	\$473.94
8						
9						
10	Number of Estimated 2021/2022 Participants (1)					694
11						
12	Annual Subsidy times Number of Participants (Ln 7 * Ln 10)					\$328,913
13	Prior Year Ending Balance 10/31/2021 - GAPRA Page 2					\$26,008
14	Estimated Annual Administrative Costs					\$0
15	Estimated Non-Distribution Regulatory Assessment (Based on NHPUC invoice dated Augu	st 19, 2020)				\$116,230
16	Total Program Costs					\$471,152
17	Taking the desire the constraint of the desire the des					
18	Estimated weather normalized firm therms billed for					70 004 700
19	the twelve months ended 10/31/22 sales and transportation					78,231,768
20	(Attachment NUI-FXW-2, Page 2 of 4, "Total Division"					
21	minus "Special Contracts").					** ***
22	Total Gas Assistance Program and Regulatory Assessment Charge					\$0.0060

<sup>(1)</sup> Based on actual prior winter period particiption.

#### NORTHERN UTILITIES, INC., NEW HAMPSHIRE DIVISION NOVEMBER 2020 THROUGH OCTOBER 2021 GAS ASSISTANCE PROGRAM AND REGIULATORY ASSESSMENT (GAPRA) RECONCILIATION

			Actual	Actual	Actual	Actual	Actual	Actual	Actual	Estimate	Estimate	Estimate	
1 FOR THE MONTH OF:	Nov-20	Dec-20	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Total
2 DAYS IN MONTH	30	31	31	28	31	30	31	30	31	31	30	31	365
3 4 GAPRA Participant Count 5	638	651	660	676	761	780	745	607	673	662	650	649	Average 679 Total
6 Beginning Balance 7	(\$46,110)	(\$40,399)	(\$30,867)	(\$20,518)	(\$4,136)	\$26,505	\$46,388	\$49,257	\$43,903	\$37,320	\$35,097	\$32,459	(\$46,110)
8 Add: Actual Costs 9	\$21,680	\$39,553	\$48,032	\$57,968	\$70,145	\$40,179	\$16,330	\$756	\$0	\$0	\$0	\$0	\$294,644
10 Add: Regulatory Assessments 11	\$6,893	\$6,893	\$6,893	\$6,893	\$6,893	\$6,893	\$6,893	\$6,893	\$5,292	\$9,686	\$9,686	\$9,686	\$89,494
12 Less: Collected Revenue 13	\$22,745	\$36,817	\$44,508	\$48,446	\$46,428	\$27,287	\$20,483	\$13,128	\$11,985	\$12,006	\$12,416	\$16,215	(\$312,465)
<ul><li>14 Add: Administrative and Start Up Costs</li><li>15</li></ul>	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<ul><li>16 Ending Balance Pre-Interest</li><li>17</li></ul>	(\$40,282)	(\$30,770)	(\$20,449)	(\$4,103)	\$26,474	\$46,289	\$49,127	\$43,777	\$37,210	\$34,999	\$32,367	\$25,929	
18 Month's Average Balance 19	(\$43,196)	(\$35,585)	(\$25,658)	(\$12,311)		\$36,397	\$47,757	\$46,517	\$40,557	\$36,160	\$33,732	\$29,194	
20 Interest Rate 21	3.25%	3.25%	3.25%	3.25%	3.25%	3.25%	3.25%		3.25%	3.25%	3.25%	3.25%	
22 Interest Applied 23	(\$117)	(\$96)	(\$69)	(\$33)	\$30	\$99	\$129	\$126	\$110	\$98	\$91	\$79	
24 Ending Balance	(\$40,399)	(\$30,867)	(\$20,518)	(\$4,136)	\$26,505	\$46,388	\$49,257	\$43,903	\$37,320	\$35,097	\$32,459	\$26,008	

() Over Collection

#### NORTHERN UTILITIES, INC., NEW HAMPSHIRE DIVISION Calculation of Distribution and Non-Distribution Revenues of the NHPUC Annual Regulatory Assessment

NHPUC Assessment Invoice dated August 19, 2020

	July	August	September	October	November	December	January	February	March	April	May	June	Total
	2021	2021	2021	2021	2021	2021	2022	2022	2022	2022	2022	2022	Fiscal Year
Distribution	\$30,747.00	\$30,747.00	\$30,747.00	\$30,747.00	\$30,747.00	\$30,747.00	\$30,747.00	\$30,747.00	\$30,747.00	\$30,747.00	\$30,747.00	\$30,747.00	\$368,964.00
Non-Distribution	\$9,685.83	\$9,685.83	\$9,685.83	\$9,685.83	\$9,685.83	\$9,685.83	\$9,685.83	\$9,685.83	\$9,685.83	\$9,685.83	\$9,685.83	\$9,685.83	\$116,230.00
Total		\$121,298.50			\$121,298.50			\$121,298.50			\$121,298.50		\$485,194.00

<sup>(1)</sup> The \$368,964.00 for Distribution represents the amount established in Docket DG 17-070.(2) Total Invoice amount minus Distribution amount.

# Northern Utilities, Inc. -- New Hampshire Division

		EEC Budget		
	Residential	Low-Income	Gen Service	Total
July-21	\$33,412	\$24,892	\$39,983	\$98,287
August-21	\$27,081	\$33,203	\$156,828	\$217,112
September-21	\$54,162	\$66,406	\$171,085	\$291,653
October-21	\$38,687	\$47,433	\$185,342	\$271,462
November-21	\$30,950	\$37,946	\$171,085	\$239,981
December-21	\$30,950	\$37,946	\$213,857	\$282,753
January-22	\$25,558	\$12,390	\$46,568	\$84,517
February-22	\$42,597	\$20,650	\$46,568	\$109,816
March-22	\$51,117	\$24,780	\$69,852	\$145,749
April-22	\$59,636	\$28,910	\$81,495	\$170,041
May-22	\$59,636	\$28,910	\$46,568	\$135,115
June-22	\$102,234	\$49,560	\$58,210	\$210,004
July-22	\$110,753	\$53,690	\$81,495	\$245,938
August-22	\$59,636	\$28,910	\$128,063	\$216,609
September-22	\$119,273	\$57,820	\$139,705	\$316,798
October-22	\$85,195	\$41,300	\$151,347	\$277,842
Total	\$930,878	\$594,747	\$1,788,053	\$3,313,677

# **Budget with Low-Income Costs Allocated** to Residential and General Service Classes

	Residential	Low-Income	Gen Service	Total
July-21	\$36,541	0	\$61,746	\$98,287
August-21	\$31,373	0	\$185,739	\$217,112
September-21	\$63,062	0	\$228,591	\$291,653
October-21	\$46,254	0	\$225,208	\$271,462
November-21	\$40,169	0	\$199,812	\$239,981
December-21	\$41,958	0	\$240,795	\$282,753
January-22	\$29,331	0	\$55,185	\$84,517
February-22	\$49,145	0	\$60,671	\$109,816
March-22	\$58,389	0	\$87,361	\$145,749
April-22	\$67,980	0	\$102,061	\$170,041
May-22	\$66,709	0	\$68,406	\$135,115
June-22	\$111,440	0	\$98,565	\$210,004
July-22	\$118,357	0	\$127,581	\$245,938
August-22	\$63,303	0	\$153,306	\$216,609
September-22	\$126,895	0	\$189,902	\$316,798
October-22	\$91,707	0	\$186,135	\$277,842
Total	\$1,042,614	\$0	\$2,271,064	\$3,313,677

## **EEC Charge Factor Calculation**

EEC Charge Factors for Residential Customers	Effective November 1, 2021	
EEC Reconciliation Adjustment	(\$1,137)	Attachment NUI-SED-1 EEC Page 3 Nov '21 Beginning Balance
EEC Costs	\$777.537	Attachment NUI-SED-1 EEC Page 3 Nov '21 Beginning Balance
EEC Performance Incentive	\$48,587	Attachment NUI-SED-1 EEC Page 3 Nov '21 - Oct '22 Totals; Company Budget
EEC Low-Income Costs	\$87,847	Attachmnet NUI-SED-1 EEC Page 3 Nov '21 - Oct '22 Totals; Company Budget
EEC Allocated Low-Income Performance Incentive	\$5,364	Attachment NUI-SED-1 EEC Page 3 Nov '21 - Oct '22 Totals; Company Budget
Total	\$918,197	
Forecasted Annual Throughput Volumes for Residential Customers	20,447,634	Attachment NUI-SED-1 EEC Page 3 Nov '21 - Oct '22 Totals; Company Forecast
<b>Energy Efficiency Charge Factor for Residential Customers</b>	\$0.0449	
EEC Charge Factors for Commercial and Industrial Customers (C&I)		
EEC Reconciliation Adjustment	(\$279,480)	Attachment NUI-SED-1 EEC Page 4 Nov '21 Beginning Balance
EEC Costs	\$1,234,814	Attachment NUI-SED-1 EEC Page 4 Nov '21 - Oct '22 Totals; Company Budget
EEC Performance Incentive	\$67,041	Attachment NUI-SED-1 EEC Page 4 Nov '21 - Oct '22 Totals; Company Budget
EEC Low-Income Costs	\$334,966	Attachment NUI-SED-1 EEC Page 4 Nov '21 - Oct '22 Totals; Company Budget
EEC Allocated Low-Income Performance Incentive	\$18,124	Attachment NUI-SED-1 EEC Page 4 Nov '21 - Oct '22 Totals; Company Budget
Total	\$1,375,466	
Forecasted Annual Throughput Volumes for C&I Customers	57,784,135	Attachment NUI-SED-1 EEC Page 4 Nov '21 - Oct '22 Totals; Company Forecast
Energy Efficiency Charge Factor for C&I Customers	\$0.0238	

#### Northern Utilities, Inc.

### **New Hampshire Division**

### Calculation of the EEC Charge, a Component of the Local Distribution Adjustment Charge To Be Effective November 1, 2021 through October 31, 2022

#### **Residential Customers**

		Beginning					Allocated	Allocated	Ending	Average	Interest		Ending Balance		
		Balance	EEC Rate per	EEC			Low Income	Low Income	Balance	Balance	Prime	Interest @ Prime	plus Interest		# of
		(Over)/Under	Therm	Collections	EEC Costs	DSM PI	Costs	PI	(Over)/Under	(Over)/Under	Rate	Rate	(Over)/Under	Therm Sales	Days
August-20	Actual	\$106,805	\$0.0499	\$15,693	\$73,181	\$2,929	\$1,176	\$186	\$168,585	\$137,695	3.25%	\$379.04	\$168,964	314,514	31
September-20	Actual	\$168,964	\$0.0499	\$20,232	\$32,481	\$2,929	\$17,160	\$196	\$201,499	\$185,232	3.25%	\$493.45	\$201,992	405,509	30
October-20	Actual	\$201,992	\$0.0499	\$28,271	\$127,745	\$2,929	\$1,385	\$231	\$306,012	\$254,002	3.25%	\$699.20	\$306,711	566,516	31
November-20	Actual	\$306,711	\$0.0774	\$80,520	\$90,389	\$2,929	\$21,486	\$332	\$341,327	\$324,019	3.25%	\$863.17	\$342,190	1,292,226	30
December-20	Actual	\$342,190	\$0.0774	\$180,763	\$64,517	\$2,929	\$2,615	\$396	\$231,884	\$287,037	3.25%	\$790.14	\$232,675	2,335,492	31
January-21	Actual	\$232,675	\$0.0774	\$236,745	\$83,689	\$5,057	\$14,651	\$752	\$100,079	\$166,377	3.25%	\$459.25	\$100,538	3,058,804	31
February-21	Actual	\$100,538	\$0.0774	\$265,342	\$98,676	\$1,517	\$5,488	\$232	(\$58,890)	\$20,824	3.25%	\$46.57 (1)	(\$58,843)	3,428,187	28
March-21	Actual	(\$58,843)	\$0.0774	\$251,839	\$122,027	\$3,287	\$18,711	\$499	(\$166,159)	(\$112,501)	3.25%	(\$310.53)	(\$166,469)	3,253,751	31
April-21	Actual	(\$166,469)	\$0.0774	\$127,532	\$63,474	\$3,287	\$2,596	\$430	(\$224,215)	(\$195,342)	3.25%	(\$521.80)	(\$224,737)	1,647,540	30
May-21	Actual	(\$224,737)	\$0.0774	\$84,351	\$146,008	\$3,287	\$4,533	\$378	(\$154,882)	(\$189,809)	3.25%	(\$523.92)	(\$155,406)	1,089,621	31
June-21	Actual	(\$155,406)	\$0.0774	\$39,772	\$122,835	\$4,959 (1)	\$1,603	(\$113)(1)	(\$65,894)	(\$110,650)	3.25%	\$819.85 (1)	(\$65,074)	513,703	30
July-21	Actual	(\$65,074)	\$0.0774	\$29,128	\$33,412	\$3,287	\$3,129	\$203	(\$54,171)	(\$59,623)	3.25%	(\$622.79)(1)	(\$54,794)	376,131	31
August-21	Forecast	(\$54,794)	\$0.0774	\$27,305	\$27,081	\$4,769	\$4,293	\$295	(\$45,661)	(\$50,228)	3.25%	(\$138.64)	(\$45,800)	352,774	31
September-21	Forecast	(\$45,800)	\$0.0774	\$29,272	\$54,162	\$4,769	\$8,900	\$306	(\$6,935)	(\$26,367)	3.25%	(\$70.43)	(\$7,005)	378,189	30
October-21	Forecast	(\$7,005)	\$0.0774	\$45,507	\$38,687	\$4,769	\$7,568	\$364	(\$1,125)	(\$4,065)	3.25%	(\$11.22)	(\$1,137)	587,951	31
November-21	Forecast	(\$1,137)	\$0.0449	\$69,103	\$30,950	\$4,769	\$9,220	\$554	(\$24,747)	(\$12,942)	3.25%	(\$34.57)	(\$24,782)	1,539,048	30
December-21	Forecast	(\$24,782)	\$0.0449	\$117,580	\$30,950	\$4,769	\$11,008	\$661	(\$94,973)	(\$59,877)	3.25%	(\$165.28)	(\$95,138)	2,618,699	31
January-22	Forecast	(\$95,138)	\$0.0449	\$162,524	\$25,558	\$3,905	\$3,773	\$576	(\$223,849)	(\$159,494)	3.25%	(\$440.25)	(\$224,289)	3,619,686	31
February-22	Forecast	(\$224,289)	\$0.0449	\$175,051	\$42,597	\$3,905	\$6,547	\$600	(\$345,691)	(\$284,990)	3.25%	(\$710.52)	(\$346,402)	3,898,694	28
March-22	Forecast	(\$346,402)	\$0.0449	\$130,011	\$51,117	\$3,905	\$7,272	\$555	(\$413,563)	(\$379,982)	3.25%	(\$1,048.85)	(\$414,612)	2,895,562	31
April-22	Forecast	(\$414,612)	\$0.0449	\$98,906	\$59,636	\$3,905	\$8,344	\$546	(\$441,087)	(\$427,850)	3.25%	(\$1,142.89)	(\$442,230)	2,202,807	30
May-22	Forecast	(\$442,230)	\$0.0449	\$56,808	\$59,636	\$3,905	\$7,072	\$463	(\$427,961)	(\$435,095)	3.25%	(\$1,200.98)	(\$429,162)	1,265,203	31
June-22	Forecast	(\$429,162)	\$0.0449	\$28,229	\$102,234	\$3,905	\$9,206	\$352	(\$341,694)	(\$385,428)	3.25%	(\$1,029.57)	(\$342,724)	628,698	30
July-22	Forecast	(\$342,724)	\$0.0449	\$18,382	\$110,753	\$3,905	\$7,603	\$268	(\$238,577)	(\$290,650)	3.25%	(\$802.27)	(\$239,379)	409,403	31
August-22	Forecast	(\$239,379)	\$0.0449	\$16,443	\$59,636	\$3,905	\$3,667	\$240	(\$188,374)	(\$213,877)	3.25%	(\$590.36)	(\$188,964)	366,219	31
September-22	Forecast	(\$188,964)	\$0.0449	\$17,630	\$119,273	\$3,905	\$7,622	\$250	(\$75,545)	(\$132,254)	3.25%	(\$353.28)	(\$75,898)	392,644	30
October-22	Forecast	(\$75,898)	\$0.0449	\$27,433	\$85,195	\$3,905	\$6,512	\$298	(\$7,420)	(\$41,659)	3.25%	(\$114.99)	(\$7,535)	610,971	31

Nov 21 thru Oct 22 Totals \$918,099 \$777,537 \$48,587 \$87,847 \$5,364 20,447,634

Forecast therm Sales from Company Forecast as seen in Attachment NUI-FXW-1. Actual Performance Incentives includes reconciliations from prior year(s).

(1) Reflects interest adjustments associated with PI true-up and reclass of costs.

### Northern Utilities, Inc.

#### New Hampshire Division

# Calculation of the EEC Charge, a Component of the Local Distribution Adjustment Charge To Be Effective November 1, 2021 through October 31, 2022

#### **General Service Customers**

		Beginning						Allocated	Ending	Average	Interest		Ending Balance		
		Balance	EEC Rate	EEC			Allocated Low		Balance	Balance	Prime	Interest @ Prime	plus Interest		# of
		(Over)/Under	per Therm	Collections	EEC Costs	DSM PI	Income Costs	PI	(Over)/Under	(Over)/Under	Rate	Rate	(Over)/Under	Therm Sales	Days
August-20	Actual	(\$243,312)	\$0.0247	\$51,545	\$26,609	\$4,002	\$7,806	\$1,234	(\$255,206)	(\$249,259)	3.25%	(\$686)	(\$255,892)	2,086,783	31
September-20	Actual	(\$255,892)	\$0.0247	\$62,445	\$64,003	\$4,002	\$106,978	\$1,223	(\$142,130)	(\$199,011)	3.25%	(\$530)	(\$142,660)	2,528,069	30
October-20	Actual	(\$142,660)	\$0.0247	\$72,461	\$61,124	\$4,002	\$7,121	\$1,189	(\$141,685)	(\$142,173)	3.25%	(\$391)	(\$142,077)	2,912,954	31
November-20	Actual	(\$142,077)	\$0.0337	\$131,454	\$177,804	\$4,002	\$70,290	\$1,087	(\$20,347)	(\$81,212)	3.25%	(\$216)	(\$20,564)	4,227,455	30
December-20	Actual	(\$20,564)	\$0.0337	\$203,275	\$296,630	\$4,002	\$6,754	\$1,023	\$84,571	\$32,004	3.25%	\$88	\$84,659	6,031,844	31
January-21	Actual	\$84,659	\$0.0337	\$237,815	\$20,764	\$6,555	\$33,793	\$1,735	(\$90,309)	(\$2,825)	3.25%	(\$8)	(\$90,317)	7,055,251	31
February-21	Actual	(\$90,317)	\$0.0337	\$255,524	\$39,131	\$1,967	\$12,113	\$514	(\$292,116)	(\$191,217)	3.25%	(\$484)(1)	(\$292,601)	7,582,246	28
March-21	Actual	(\$292,601)	\$0.0337	\$245,940	\$74,412	\$4,261	\$41,967	\$1,118	(\$416,783)	(\$354,692)	3.25%	(\$979)	(\$417,762)	7,297,927	31
April-21	Actual	(\$417,762)	\$0.0337	\$153,469	\$27,439	\$4,261	\$7,174	\$1,187	(\$531,169)	(\$474,465)	3.25%	(\$1,267)	(\$532,436)	4,553,970	30
May-21	Actual	(\$532,436)	\$0.0337	\$120,178	\$20,822	\$4,261	\$14,834	\$1,238	(\$611,459)	(\$571,947)	3.25%	(\$1,579)	(\$613,037)	3,566,084	31
June-21	Actual	(\$613,037)	\$0.0337	\$83,292	\$43,459	(\$6,936)(1)	\$7,711	\$2,096 (1)	(\$649,999)	(\$631,518)	3.25%	(\$2,101)(1)	(\$652,100)	2,471,584	30
July-21	Actual	(\$652,100)	\$0.0337	\$88,164	\$39,983	\$4,261	\$21,763	\$1,414	(\$672,843)	(\$662,472)	3.25%	(\$1,829)	(\$674,672)	2,616,202	31
August-21	Forecast	(\$674,672)	\$0.0337	\$80,069	\$156,828	\$6,841	\$28,910	\$1,985	(\$560,177)	(\$617,424)	3.25%	(\$1,704)	(\$561,881)	2,375,936	31
September-21	Forecast	(\$561,881)	\$0.0337	\$82,350	\$171,085	\$6,841	\$57,506	\$1,974	(\$406,825)	(\$484,353)	3.25%	(\$1,294)	(\$408,118)	2,443,631	30
October-21	Forecast	(\$408,118)	\$0.0337	\$104,378	\$185,342	\$6,841	\$39,865	\$1,916	(\$278,532)	(\$343,325)	3.25%	(\$948)	(\$279,480)	3,097,272	31
November-21	Forecast	(\$279,480)	\$0.0238	\$114,126	\$171,085	\$6,841	\$28,726	\$1,726	(\$185,227)	(\$232,353)	3.25%	(\$621)	(\$185,848)	4,795,193	30
December-21	Forecast	(\$185,848)	\$0.0238	\$152,513	\$213,857	\$6,841	\$26,938	\$1,618	(\$89,107)	(\$137,477)	3.25%	(\$379)	(\$89,486)	6,408,112	31
January-22	Forecast	(\$89,486)	\$0.0238	\$196,751	\$46,568	\$5,336	\$8,617	\$1,316	(\$224,400)	(\$156,943)	3.25%	(\$433)	(\$224,833)	8,266,852	31
February-22	Forecast	(\$224,833)	\$0.0238	\$199,861	\$46,568	\$5,336	\$14,103	\$1,293	(\$357,394)	(\$291,114)	3.25%	(\$726)	(\$358,120)	8,397,502	28
March-22	Forecast	(\$358,120)	\$0.0238	\$165,932	\$69,852	\$5,336	\$17,508	\$1,337	(\$430,018)	(\$394,069)	3.25%	(\$1,088)	(\$431,106)	6,971,920	31
April-22	Forecast	(\$431,106)	\$0.0238	\$129,225	\$81,495	\$5,336	\$20,566	\$1,347	(\$451,587)	(\$441,346)	3.25%	(\$1,179)	(\$452,766)	5,429,623	30
May-22	Forecast	(\$452,766)	\$0.0238	\$92,978	\$46,568	\$5,336	\$21,838	\$1,430	(\$470,572)	(\$461,669)	3.25%	(\$1,274)	(\$471,847)	3,906,651	31
June-22	Forecast	(\$471,847)	\$0.0238	\$65,592	\$58,210	\$5,336	\$40,354	\$1,541	(\$431,997)	(\$451,922)	3.25%	(\$1,207)	(\$433,204)	2,755,986	30
July-22	Forecast	(\$433,204)	\$0.0238	\$59,061	\$81,495	\$5,336	\$46,087	\$1,625	(\$357,723)	(\$395,463)	3.25%	(\$1,092)	(\$358,814)	2,481,573	31
August-22	Forecast	(\$358,814)	\$0.0238	\$60,003	\$128,063	\$5,336	\$25,243	\$1,653	(\$258,522)	(\$308,668)	3.25%	(\$852)	(\$259,374)	2,521,135	31
September-22	Forecast	(\$259,374)	\$0.0238	\$61,541	\$139,705	\$5,336	\$50,198	\$1,643	(\$124,034)	(\$191,704)	3.25%	(\$512)	(\$124,546)	2,585,748	30
October-22	Forecast	(\$124,546)	\$0.0238	\$77,679	\$151,347	\$5,336	\$34,788	\$1,594	(\$9,159)	(\$66,853)	3.25%	(\$185)	(\$9,344)	3,263,837	31
															1

Nov 21 thru Oct 22 Totals \$1,375,262 \$1,234,814 \$67,041 \$334,966 \$18,124 Forecast therm Sales from Company Forecast as seen in Attachment NUI-FXW-1. Does not include Special Contracts.

Actual Performance Incentives includes reconciliations from prior year(s).

(1) Reflects interst adjustments asoiated with PI true-up.

57,784,134

### CALCULATION OF ENVIRONMENTAL RESPONSE COST RATE

November 1, 2021 through October 31, 2022

Total ERC Costs for the Period Less Current (Over)/Under Collection (Estimated)	' '	(See 2021 ERC Invoice Filing, Schedule 1) (See page 2 of 2)
Total ERC Cost to be Recovered	\$436,040	=
Forcasted Firm Sales & Firm Transportation Volumes (Attachment NUI-FXW-2, Page 2 of 4, "Total Division" subtract "Special Contracts").	78,231,768	
ERC Recovery Rate	\$0.0056	=

Northern Utilities, Inc. New Hampshire Division Attachment NUI-SED-1 ERC Page 2 of 2

# Northern Utilities, Inc. - New Hampshire Division Environmental Response Cost 12 Month Reconciliation

Month	Actual or Forecast	Beginning Balance (Over)/Under	Revenue	Prior Period ERC Costs To be recovered	Ending Balance (Over)/Under
November-'20	Actual	\$21,166	\$32,902	\$418,530	\$406,794
December	Actual	\$406,794	\$51,043	, ,,,,,,,	\$355,751
January- '21	Actual	\$355,751	\$61,701		\$294,050
February	Actual	\$294,050	\$67,167		\$226,883
March	Actual	\$226,883	\$64,367		\$162,516
April	Actual	\$162,516	\$37,834		\$124,683
May	Actual	\$124,683	\$28,409		\$96,273
June	Actual	\$96,273	\$18,225		\$78,048
July	Actual	\$78,048	\$18,264		\$59,784
August	Est.	\$59,784	\$16,645		\$43,139
September	Est.	\$43,139	\$17,213		\$25,926
October	Est.	\$25,926	\$22,480		\$3,446

# Northern Utilities, Inc. Calculation of Lost Revenue Rate (LRR)

	Contract			D - (
Line	Sector	_	· · · · · · · · · · · · · · · · · · ·	Reference
	D 11 11 101 DE DC D40 D44		ffective	
	Residential Classes- R5, R6, R10, R11		mber 1, 2021	
1	Sector Ending Balance-October 31	\$	22,628	Page 2a, Ln 2
2	Lost Distribution Revenue-November through October		111,533	Page 2a, Ln 4, Total
3	Interest- November through October		86	Page 2a, Ln 17, Total
4	Total to be recovered	\$	134,247	Line 1 + Line 2 + Line 3
5	Sector Sales - Therms- November through October		20,447,634	Page 2a, Line 7
6	Lost Revenue Rate (\$ per therm)		\$0.0066	Line 4 / Line 5
				,
7 8 9 10	Commercial & Industrial Classes-G40/T40, G50/T50, G41/T41, G51 Sector Ending Balance-October 31 Lost Distribution Revenue-November through October Interest- November through October Total to be recovered	/T51, G42/T42, G- \$ \$ \$	.52/T52 (24,617) 61,769 (178) 36,973	Page 2a, Ln 21 Page 2a, Ln 24, Total Page 2a, Ln 37, Total Line 7 + Line 8 + Line 9
8 9	Sector Ending Balance-October 31 Lost Distribution Revenue-November through October Interest- November through October	/T51, G42/T42, G- \$ \$ \$	(24,617) 61,769 (178)	Page 2a, Ln 21 Page 2a, Ln 24, Total Page 2a, Ln 37, Total

# Northern Utilities, Inc. Lost Revenue Reconciliation 2021

									2021										
Line	Sector / Description	Unit		Recast Nov-20		Recast Dec-20	Recast Jan-21		Recast Feb-21	Recast Mar-21		Recast Apr-21	Recast May-21	Recast Jun-21	Recast Jul-21	Recast Aug-21	Recast Sep-21	Recast Oct-21	Total
1	RESIDENTIAL												,						
2	Beginning Balance - (Over)/Under	\$'s	Ś	98,969	Ś	105,697 \$	83,059	Ś	44,526 \$	(2,06	2) \$	(44,644) \$	(51,570) \$	(49,246) \$	(33,707) \$	(14,493) \$	5,979	26,715	
3	COSTS		-	,		, ,	,		, ,	. ,		. , , ,	. , , ,	. , , ,	. , , .	. , , .	,	,	
4	Lost Distribution Revenue (Page 3, Line 23)	\$'s	\$	27,365	\$	28,485 \$	28,583	\$	28,780 \$	29,06	7 \$	29,453 \$	26,442 \$	26,956 \$	27,557 \$	28,245 \$	29,013	8,780	\$318,725
5																			
6	REVENUE	_																	
7	Sector Sales	Therms		1,292,226		2,335,492	3,058,804		3,428,187	3,253,75	1	1,647,540	1,089,621	513,703	376,131	352,774	378,189	587,951	18,314,368
8	Lost Revenue Rate	\$/Therm		\$0.0220		\$0.0220	\$0.0220		\$0.0220	\$0.0220	2	\$0.0220	\$0.0220	\$0.0220	\$0.0220	\$0.0220	\$0.0220	\$0.0220	
9	Revenue	\$'s	\$	20,909	\$	51,382 \$	67,293	\$	75,421 \$	71,58	4 \$	36,251 \$	23,978 \$	11,307 \$	8,277 \$	7,761 \$	8,320	12,935	395,417
10																			
11	(Over)/Under-Recovery (Exc interest)	\$	\$	105,425	\$	82,800 \$	44,350	\$	(2,115) \$	(44,580	0) \$	(51,442) \$	(49,107) \$	(33,597) \$	(14,427) \$	5,990 \$	26,671	22,560	
12	INTEREST																		
13	INTEREST Average Monthly Balance	_	Ś	102,197	Ś	94,249 \$	62.705	,	21 205 . Ć	(23,32		(40.043) ¢	(E0.330) ¢	(41 421) 6	(24.067) 6	(4.252) 6	16 225 6	24.020	
14 15	Interest Rate-WSJ Prime Rate	Annual %	Þ	3.25%	Ş	3.25%	63,705 3.25%	Þ	21,205 \$ 3.25%	3.25		(48,043) \$ 3.25%	(50,339) \$ 3.25%	(41,421) \$ 3.25%	(24,067) \$ 3.25%	(4,252) \$ 3.25%	16,325 \$ 3.25%	24,638 3.25%	
16	Days per Month	Alliudi 76		3.23 %		3.23%	3.23 %		28	3.23		3.23 %	3.23%	3.23%	3.23%	3.23 %	3.23%	3.23 %	365
	• •	AL.	_		_			_											_
17 18	Computed Interest	\$'s	\$	272	\$	259 \$	176	\$	53 \$	(64	4) \$	(128) \$	(139) \$	(111) \$	(66) \$	(12) \$	44 \$	68	\$ 352
18	Ending Balance	\$'s	Ś	105,697	Ś	83,059 \$	44,526	ė	(2,062) \$	(44,64	1) ¢	(51,570) \$	(49,246) \$	(33,707) \$	(14,493) \$	5,979 \$	26,715	22,628	
	COMMERCIAL & INDUSTRIAL		ڔ	103,037	ې	83,039 3	44,320	ې	(2,002) 3	(44,044	+) >	(31,370) \$	(43,240) \$	(33,707) \$	(14,493) \$	3,373 3	20,713 3	22,028	<b>.</b>
21	Beginning Balance - (Over)/Under	\$'s	Ś	(12,347)	¢	(10,783) \$	(13,578)	¢	(19,216) \$	(26,32	2) ¢	(32,427) \$	(30,070) \$	(30,985) \$	(28,400) \$	(26,000) \$	(22,590)	(19,059)	
22	beginning balance - (Over)/ Onder	<b>7</b> 3	Ţ	(12,547)	٠	(10,783) \$	(13,376)	٠	(13,210) \$	(20,32	-) J	(32,427) 9	(30,070) \$	(30,363) \$	(28,400) \$	(20,000) \$	(22,330)	(15,055)	
23	COSTS																		
24	Lost Distribution Revenue (Page 3, Line 36)	Ś's	Ś	12,930	Ś	15,335 \$	15,580	Ś	15,698 \$	15.870	) \$	16.101 \$	9.868 \$	10.078 \$	10.323 \$	10.604 \$	10,918	3,793	147,099
25	zost pisti pation nevenue (i age 5) zine 50)	<b>¥</b> 5	Ψ.	12,550	Ψ.	10,000 V	15,500	~	13,030 ¢	25,07	, ,	10,101 V	3,000 ¥	10,070 φ	10,525 V	10,00. \$	10,510 4	3,733	1.7,033
26	REVENUE																		
27	Sector Sales	Therms		4,273,046		5,887,088	7,167,043		7,641,797	6,930,32	1	5,063,577	3,549,981	2,467,336	2,179,685	2,375,936	2,443,631	3,097,272	53,076,714
28	Lost Revenue Rate	\$/Therm		\$0.0030		\$0.0030	\$0.0030		\$0.0030	\$0.0030	)	\$0.0030	\$0.0030	\$0.0030	\$0.0030	\$0.0030	\$0.0030	\$0.0030	, ,
29	Revenue	\$'s	Ś	11,336	Ś	18,096 \$	21,173	Ś	22,747 \$	21,89	4 \$	13,662 \$	10,698 \$	7,414 \$	7,848 \$	7,128 \$	7,331	9,292	158,619
30			•	,		,	,	•	, .	,				, ,	,	, - ,	,	-,-	
31	(Over)/Under-Recovery (Exc interest)	\$'s	\$	(10,753)	\$	(13,544) \$	(19,171)	\$	(26,265) \$	(32,346	5) \$	(29,987) \$	(30,901) \$	(28,321) \$	(25,925) \$	(22,524) \$	(19,003)	(24,557)	
32																			
33	INTEREST																		
34	Average Monthly Balance	_	\$	(11,550)	\$	(12,164) \$	(16,374)	\$	(22,740) \$	(29,334	4) \$	(31,207) \$	(30,486) \$	(29,653) \$	(27,163) \$	(24,262) \$	(20,797)	(21,808)	
35	Interest Rate-WSJ Prime Rate	Annual %		3.25%		3.25%	3.25%		3.25%	3.25	%	3.25%	3.25%	3.25%	3.25%	3.25%	3.25%	3.25%	
36	Days per Month		_	30		31	31		28	3:	1	30	31	30	31	31	30	31	365
37	Computed Interest	\$'s	\$	(31)	\$	(33) \$	(45)	\$	(57) \$	(8:	1) \$	(83) \$	(84) \$	(79) \$	(75) \$	(67) \$	(56)	(60)	\$ (752)
38																			
39	Ending Balance	\$'s	\$	(10,783)	\$	(13,578) \$	(19,216)	\$	(26,322) \$	(32,42	7) \$	(30,070) \$	(30,985) \$	(28,400) \$	(26,000) \$	(22,590) \$	(19,059)	(24,617)	

# Northern Utilities, Inc. Lost Revenue Reconciliation 2022

								202													
				Estimate	Estima		Estimate	Estimate		stimate			Estimate	Estimate	Estimate	Estim		Estimate		Estimate	
Line	Sector / Description	Unit		Nov-21	Dec-2		Jan-22	Feb-22	N	/lar-22	^	pr-22	May-22	Jun-22	Jul-22	Aug	-22	Sep-22		Oct-22	Total
	RESIDENTIAL																				
2	Beginning Balance - (Over)/Under	\$'s	\$	22,628	\$ 23,	539 \$	18,484.55	6,899	\$	(6,366) \$	,	(12,749) \$	(14,185) \$	(10,537) \$	(2,156)	\$	8,298	\$ 5,5	00 \$	3,321	
3	COSTS												40.000 4								4444 = 00
4 5	Lost Distribution Revenue (Page 3a, Line 20)	\$'s	\$	11,007	\$ 12,	171 \$	12,269 \$	12,466	\$	12,753 \$		13,139 \$	12,032 \$	12,547	13,148	\$	-	\$	- \$	-	\$111,533
6	REVENUE																				
7	Sector Sales	_ Therms		1,539,048	2,618,	500	3,619,686	3,898,694		2,895,562		2,202,807	1,265,203	628,698	409,403	26	66,219	392,6	11	610,971	20,447,634
8	Lost Revenue Rate (Page 1, L. 6	\$/Therm		\$0.0066	\$0.0		\$0.0066	\$0.0066	-	\$0.0066		\$0.0066	\$0.0066	\$0.0066	\$0.0066		0.0066	\$0.00		\$0.0066	20,447,034
9	Revenue	\$'s	Ś	10,158	_	283 \$			,	19,111 \$		14,539 \$	8,350 \$	4,149 \$	·	_	2,417		91 \$		134,954
10	Revenue	Şδ	Ş	10,136	ې 17,	205 \$	23,890 \$	25,/31	Ş	19,111 \$		14,559 \$	\$ 3500	4,149	2,702	Ş	2,417	ې 2,5	191 Ş	4,032	134,934
11	(Over)/Under-Recovery (Exc interest)	\$	\$	23,477	\$ 18,	127 \$	6,864	(6,366)	\$	(12,723) \$	;	(14,149) \$	(10,503) \$	(2,140)	8,289	\$	5,881	\$ 3,3	09 \$	(711)	
12	. , , , , , , , , , , , , , , , , , , ,			,			, ,			. , , .		. , , .	, , , ,		,	•				, ,	
13	INTEREST																				
14	Average Monthly Balance	_	\$	23,053		983 \$		266	\$	(9,544) \$	ذ	(13,449) \$	(12,344) \$	(6,338)			7,089		04 \$		
15	Interest Rate-WSJ Prime Rate	Annual %		3.25%	3.	25%	3.25%	3.25%		3.25%		3.25%	3.25%	3.25%	3.25%		3.25%	3.2	5%	3.25%	
16	Days per Month			30		31	31	28		31		30	31	30	31		31		30	31	365
17	Computed Interest	\$'s	\$	62	\$	58 \$	35 \$	1	\$	(26) \$	ذ	(36) \$	(34) \$	(17) \$	8	\$	20	\$	12 \$	4	\$ 86
18																					
19	Ending Balance	\$'s	\$	23,539	\$ 18,	485 \$	6,899 \$	(6,366)	\$	(12,749) \$	;	(14,185) \$	(10,537) \$	(2,156) \$	8,298	\$	5,900	\$ 3,3	21 \$	(708)	
20	COMMERCIAL & INDUSTRIAL																				
21	Beginning Balance - (Over)/Under	\$'s	\$	(24,617)	\$ (20,	598) \$	(17,049.35) \$	(14,449)	\$	(11,799) \$	i	(8,119) \$	(3,273) \$	(500) \$	3,182	\$	7,285	\$ 5,7	90 \$	4,252	
22																					
23	COSTS	<u>.</u>																			
24	Lost Distribution Revenue (Page 3a, Line 33)	\$'s	\$	6,857	\$ 7,	546 \$	7,604 \$	7,721	\$	7,891 \$	,	8,119 \$	5,122 \$	5,332 \$	5,577	\$	-	\$	- \$	-	61,769
25	DEVENUE																				
26 27	REVENUE Sector Sales	_ Therms		4,795,193	6,408,	112	8,266,852	8,397,502		5,971,920	r	,429,623	3,906,651	2,755,986	2,481,573	2 52	21,135	2,585,7	110	3,263,837	57,784,134
28	Lost Revenue Rate (Page 1, L. 12)	\$/Therm		\$0.0006	\$0.0		\$0.0006	\$0.0006	,	\$0.0006	3	\$0.0006	\$0.0006	\$0.0006	\$0.0006		0.0006	\$0.00		\$0.0006	37,764,134
29	· -	\$'s	Ś	· —	_		· — —		,	· <del></del>					·						24.670
30	Revenue	\$ S	Þ	2,877	\$ 3,	345 \$	4,960 \$	5,039	Ş	4,183 \$		3,258 \$	2,344 \$	1,654	1,489	Þ	1,513	\$ 1,5	51 \$	1,958	34,670
31	(Over)/Under-Recovery (Exc interest)	\$'s	Ś	(20,638)	\$ (16	997) \$	(14,405)	(11,766)	¢	(8,091) \$	٤	(3,258) \$	(495) \$	3,178	7,270	Ċ	5,772	\$ 41	39 \$	2,294	
32	(Over)/ Onder-Necovery (Exc interest)	73	Ų	(20,030)	J (10,	,,,,	(14,403) \$	(11,700)	Ţ	(0,031) \$		(3,236) \$	(455) \$	3,170 ,	7,270	Y	3,772	7 -7,2	ب رو.	2,234	
33	INTEREST																				
34	Average Monthly Balance	-	\$	(22,628)	\$ (18.	348) \$	(15,727)	(13,108)	\$	(9,945) \$	;	(5,688) \$	(1,884) \$	1,339 \$	5,226	\$	6,528	\$ 5.0	14 \$	3,273	
35	Interest Rate-WSJ Prime Rate	Annual %	•	3.25%		25%	3.25%	3.25%	•	3.25%		3.25%	3.25%	3.25%	3.25%		3.25%	. ,	25%	3.25%	Total
36	Days per Month			30		31	31	28		31		30	31	30	31		31		30	31	365
37	Computed Interest	\$'s	\$	(60)	\$	(52) \$	(43)	(33)	\$	(27) \$	;	(15) \$	(5) \$	4 5	5 14	\$	18	\$	13 \$	9	\$ (178)
38	•			, -,	-			,		. , .			. , .								, , ,
39	Ending Balance	\$'s	\$	(20,698)	\$ (17,	049) \$	(14,449) \$	(11,799)	\$	(8,119) \$	;	(3,273) \$	(500) \$	3,182	7,285	\$	5,790	\$ 4,2	52 \$	2,303	

# Northern Utilities Monthly and Cumulative Savings (Therms) and Lost Base Revenue November 1, 2020 to October 31, 2021

Northern Utilities Inc. NHPUC Docket No. DG 21-xxx Attachment NUI-SED-1 LRR Page 3 of 6

Line	Description	10/31/2020	Recast Nov-20	Recast Dec-20	Recast Jan-21	Recast Feb-21	Recast Mar-21	Recast Apr-21	Recast May-21	Recast Jun-21	Recast Jul-21	Recast Aug-21	Recast Sep-21	Recast Oct-21	Period Annual Savings
	Col. A	Col. B	Col. C	Col. D	Col. E	Col. F	Col. G	Col. H	Col. I	Col. J	Col. K	Col. L	Col. M	Col. N	Col. O
1	Residential Annualized Savings 2017	70,756													
2	Residential Annualized Savings 2018	115,768													
3	Residential Annualized Savings 2019	162,615													
4	Residential Annualized Savings 2020 (Page 4, L. 1)	118,543	7,203	19,430											
5	Residential Annualized Savings 2021		-	-	1,706	3,411	4,986	6,691	8,397	10,103	11,809	13,514	15,089	16,794	92,500
6	C&I Annualized Savings 2017	265,574													
7	C&I Annualized Savings 2018	182,120													
8	C&I Annualized Savings 2019	241,161													
9	C&I Annualized Savings 2020 (Page 4, L. 19)	62,360	34019	146033											
10	C&I Annualized Savings 2021		-	-	3,535	7,070	10,332	13,867	17,402	20,937	24,472	28,006	31,269	34,804	191,694
		_	Nov-20	Dec-20	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	LBR
11	Monthly Residential Savings (2017 - 2019)														<del>-</del>
12	Cumulative Residential Savings	29,095	29,095	29,095	29,095	29,095	29,095	29,095	29,095	29,095	29,095	29,095	29,095	29,095	349,139
13	Average Residential Distribution Rate (Page 5)		0.6915	0.6915	0.6915	0.6915	0.6915	0.6915	0.6108	0.6108	0.6108	0.6108	0.6108		
14	Lost Residential Revenue		\$ 20,119	\$ 20,119	\$ 20,119	\$ 20,119	\$ 20,119	\$ 20,119	\$ 17,770	\$ 17,770	17,770	\$ 17,770	\$ 17,770	\$ -	\$ 209,567
15	Monthly Residential Savings (2020)		600	1,619	-	-	-	-	-	-	-	-	-	-	2,219
16	Cumulative Residential Savings	9,879	10,479	12,098	12,098	12,098	12,098	12,098	12,098	12,098	12,098	12,098	12,098	6,667	138,127
17	Average Residential Distribution Rate (Page 5)		0.6915	0.6915	0.6915	0.6915	0.6915	0.6915	0.6108	0.6108	0.6108	0.6108	0.6108	0.6108	
18	Lost Residential Revenue		\$ 7,246	\$ 8,366	\$ 8,366	\$ 8,366	\$ 8,366	\$ 8,366	\$ 7,389	\$ 7,389	7,389	\$ 7,389	\$ 7,389	\$ 4,072	\$ 90,093
19	Monthly Residential Savings (2021)		-	-	142.14	284.28	415.48	557.62	699.76	841.90	984.04	1,126.18	1,257.39	1,399.53	7,708
20	Cumulative Residential Savings	-	-	-	142	426	842	1,400	2,099	2,941	3,925	5,051	6,309	7,708	30,844
21	Average Residential Distribution Rate (Page 5)		0.6915	0.6915	0.6915	0.6915	0.6915	0.6915	0.6108	0.6108	0.6108	0.6108	0.6108	0.6108	
22	Lost Residential Revenue		\$ -	\$ -	\$ 98	\$ 295	\$ 582	\$ 968	\$ 1,282	\$ 1,796	2,397	\$ 3,085	\$ 3,853	\$ 4,708	\$ 19,066
23	Total Residential Lost Revenue		\$ 27,365	\$ 28,485	\$ 28,583	\$ 28,780	\$ 29,067	\$ 29,453	\$ 26,442	\$ 26,956	27,557	\$ 28,245	\$ 29,013	\$ 8,780	\$ 318,725
24	Monthly C&I Savings (2017-2019)														-
25	Cumulative C&I Savings	57,405	57,405	57,405	57,405	57,405	57,405	57,405	57,405	57,405	57,405	57,405	57,405	57,405	688,855
26	Average Residential Distribution Rate (Page 5)		0.1976	0.1976	0.2000	0.2000	0.2000	0.2000	0.1204	0.1204	0.1204	0.1204	0.1204		
27	Lost C&I Revenue		\$ 11,343	\$ 11,343	\$ 11,481	\$ 11,481	\$ 11,481	\$ 11,481	\$ 6,912	\$ 6,912	6,912	\$ 6,912	\$ 6,912	\$ -	\$ 103,169
28	Monthly C&I Savings (2020)		2,835	12,169	-	-	-	-	-	-	-	-	-	-	15,004
29	Cumulative C&I Savings	5,197	8,032	20,201	20,201	20,201	20,201	20,201	20,201	20,201	20,201	20,201	20,201	15,530	225,571
30	Average Residential Distribution Rate (Page 5)		0.1976	0.1976	0.2000	0.2000	0.2000	0.2000	0.1204	0.1204	0.1204	0.1204	0.1204	0.1204	
31	Lost C&I Revenue		\$ 1,587	\$ 3,992	\$ 4,040	\$ 4,040	\$ 4,040	\$ 4,040	\$ 2,432	\$ 2,432	2,432	\$ 2,432	\$ 2,432	\$ 1,870	\$ 35,771
32	Monthly C&I Savings (2021)			-	295	589	861	1,156	1,450	1,745	2,039	2,334	2,606	2,900	15,975
33	Cumulative C&I Savings	-	-	-	295	884	1,745	2,900	4,351	6,095	8,135	10,468	13,074	15,975	63,921
34	Average Residential Distribution Rate (Page 5)		0.1976	0.1976	0.2000	0.2000	0.2000	0.2000	0.1204	0.1204	0.1204	0.1204	0.1204	0.1204	
35	Lost C&I Revenue		\$ -	\$ -	\$ 59	\$ 177	\$ 349	\$ 580	\$ 524	\$ 734	979	\$ 1,260	\$ 1,574	\$ 1,923	\$ 8,160
36	Total C&I Lost Revenue		\$ 12,930	\$ 15,335	\$ 15,580	\$ 15,698	\$ 15,870	\$ 16,101	\$ 9,868	\$ 10,078		7/	\$ 10,918		
37	Total Lost Revenue	_	\$ 40,296	\$ 43,820	\$ 44,163	\$ 44,478	\$ 44,937	\$ 45,554	\$ 36,310	\$ 37,034	37,880	\$ 38,849	\$ 39,931	\$ 12,573	465,826

Lines 1, 6: 2017 Annual Report Lines 2, 7: 2018 Annual Report Lines 3, 8: 2019 Annual Report Lines 4, 9: Page 4, Lines 1, 19 Lines 5, 10: DE 17-136 Approved Savings Budget Line 12: Lines (1 + 2 + 3)/12 Line 16: Line 4/12 Line 25: Lines (6 + 7 + 8)/12 Line 25: Lines 9/12

### Northern Utilities Monthly and Cumulative Savings (Therms) and Lost Base Revenue November 1, 2021 to October 31, 2022

Northern Utilities Inc. NHPUC Docket No. DG 21-xxx Attachment NUI-SED-1 LRR Page 3a of 6

			Estimate	Estimate	Estimate	Estimate	Period								
Line		10/31/2021	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Jul-22	Aug-22	Sep-22	Oct-22	Annual Savings
	Col. A	Col. B	Col. C	Col. D	Col. E	Col. F	Col. G	Col. H	Col. I	Col. J	Col. K	Col. L	Col. M	Col. N	Col. O
1	Residential Annualized Savings 2020	80,008													-
2	Residential Annualized Savings 2021	92,500	18,500	20,206											
3	Residential Annualized Savings 2022		-	-	1,706	3,411	4,986	6,691	8,397	10,103	11,809	13,514	15,089	16,794	
4	C&I Annualized Savings 2020	186,355													
5	C&I Annualized Savings 2021	191,694	38,339	41,874											
6	C&I Annualized Savings 2022		-	-	3,535	7,070	10,332	13,867	17,402	20,937	24,472	28,006	31,269	34,804	
7	Total		56,839	62,079	5,240	10,481	15,318	20,559	25,799	31,040	36,280	41,521	46,358	51,598	-
		_	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Jul-22	Aug-22	Sep-22	Oct-22	LBR
8	2020 Monthly Residential Savings											-	-	-	-
9	Cumulative Residential Savings	6,667	6,667	6,667	6,667	6,667	6,667	6,667	6,667	6,667	6,667	-	-	-	60,006
10	Average Residential Distribution Rate (Page 5)		0.6915	0.6915	0.6915	0.6915	0.6915	0.6915	0.6108	0.6108	0.6108		0.6108	0.6108	
11	Lost Residential Revenue		\$ 4,610	\$ 4,610	\$ 4,610	\$ 4,610	\$ 4,610	\$ 4,610	\$ 4,072	\$ 4,072	\$ 4,072	\$ -	\$ -	\$ -	\$ 39,879
12	2021 Monthly Residential Savings		1,542	1,684	-	-	-	-	-	-	-	-	-	-	3,225
13	Cumulative Residential Savings	7,708	9,250	10,934	10,934	10,934	10,934	10,934	10,934	10,934	10,934	-	-	-	96,720
14	Average Residential Distribution Rate (Page 5)		0.6915	0.6915	0.6915	0.6915	0.6915	0.6915	0.6108	0.6108	0.6108		0.6108	0.6108	
15	Lost Residential Revenue		\$ 6,396	\$ 7,561	\$ 7,561	\$ 7,561	\$ 7,561	\$ 7,561	\$ 6,678	\$ 6,678	\$ 6,678	\$ -	\$ -	\$ -	\$ 64,234
16	2022 Monthly Residential Savings		-	-	142	284	415	558	700	842	984	-	-	-	3,925
17	Cumulative Residential Savings	-	-	-	142	426	842	1,400	2,099	2,941	3,925	-	-	-	11,776
18	Average Residential Distribution Rate (Page 5)		0.6915	0.6915	0.6915	0.6915	0.6915	0.6915	0.6108	0.6108	0.6108		0.6108	0.6108	
19	Lost Residential Revenue		\$ -	\$ -	\$ 98	\$ 295	\$ 582	\$ 968	\$ 1,282	\$ 1,796	\$ 2,397	\$ -	\$ -	\$ -	\$ 7,419
20	Total Lost Residential Revenue		\$ 11,007	\$ 12,171	\$ 12,269	\$ 12,466	\$ 12,753	\$ 13,139	\$ 12,032	\$ 12,547	\$ 13,148	\$ -	\$ -	\$ -	\$ 111,533
21	2020 Monthly C&I Savings														
22		15,530	15,530	15,530	15,530	15,530	15,530	15,530	15,530	15,530	15,530	-	-	-	139,766
23	Average C&I Distribution Rate (Page 5)		0.1976	0.1976	0.1976	0.1976	0.1976	0.1976	0.1204	0.1204	0.1204	0.1204	0.1204	0.1204	
24	Lost C&I Revenue		\$ 3,069	\$ 3,069	\$ 3,069	\$ 3,069	\$ 3,069	\$ 3,069	\$ 1,870	\$ 1,870	\$ 1,870	\$ -	\$ -	\$ -	\$ 24,021
25	2021 Monthly C&I Savings		3,195	3,489											6,684
26	Cumulative C&I Savings	15,975	19,169	22,659	22,659	22,659	22,659	22,659	22,659	22,659	22,659	-	-	-	200,440
27	Average C&I Distribution Rate (Page 5)		0.1976	0.1976	0.1976	0.1976	0.1976	0.1976	0.1204	0.1204	0.1204	0.1204	0.1204	0.1204	
28	Lost C&I Revenue		\$ 3,788	\$ 4,477	\$ 4,477	\$ 4,477	\$ 4,477	\$ 4,477	\$ 2,728	\$ 2,728	\$ 2,728	\$ -	\$ -	\$ -	\$ 34,360
29	2022 Monthly C&I Savings		-	-	295	589	861	1,156	1,450	1,745	2,039	-	-	-	8,135
30	Cumulative C&I Savings		-	-	295	884	1,745	2,900	4,351	6,095	8,135	-	-	-	24,404
31	Average C&I Distribution Rate (Page 5)		0.1976	0.1976	0.1976	0.1976	0.1976	0.1976	0.1204	0.1204	0.1204	0.1204	0.1204	0.1204	
32	Lost C&I Revenue		\$ -	\$ -	\$ 58	\$ 175	\$ 345	\$ 573	\$ 524	\$ 734	\$ 979	\$ -	\$ -	\$ -	\$ 3,388
33	Total Lost C&I Revenue		\$ 6,857	\$ 7,546	\$ 7,604	y ,,,	\$ 7,891	\$ 8,119	\$ 5,122	\$ 5,332	\$ 5,577	\$ -	\$ -	\$ -	\$ 61,769
34	Total Lost Revenue	-	\$ 17,863	\$ 19,717	\$ 19,874	\$ 20,187	\$ 20,644	\$ 21,258	\$ 17,154	\$ 17,879	\$ 18,725	\$ -	\$ -	\$ -	173,301

Line 1: Page 4, Line 18 Line 2: Total, Page 3, Line 13 Line 3: DE 17-136 Approved Savings Budget Line 4: Page 4, Line 36 Line 4: Page 4, Line 36 Line 5: Total, Page 3, Line 10 Line 6: DE 7-136 Approved Savings Budget Line 9: Line 1 / 12 Line 13: Page 3, Line 20, Col. N Line 16: Line 3/12 Line 22: Line 4/12 Line 26: Line 5/12

Line 29: Line 6/12

#### Northern Utilities, Inc. 2020 Residential Installed Therm Savings **Savings Annualization**

Northern Utilities Inc. NHPUC Docket No. DG 21-xxx Attachment NUI-SED-1 LRR Page 3 of 6

Line	e Description	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20	Jul-20	Aug-20	Sep-20	Oct-20	Nov-20	Dec-20	2020 Annual Savings
	Col. A	Col. C	Col. D	Col. E	Col. F	Col. G	Col. H	Col. I	Col. J	Col. K	Col. L	Col. M	Col. N	Col. O
1	Monthly Residential Therm Savings*	-	16,204	15,242	7,355	918	4,876	3,827	30,944	14,644	24,534	7,203	19,430	145,176
2														
3	Monthly Residential Therms Savings													
4	January 2020	-	-	-	-	-	-	-	-	-	-	-	-	-
5	February 2020		1,350	1,350	1,350	1,350	1,350	1,350	1,350	1,350	1,350	1,350	1,350	14,853
6	March 2020			1,270	1,270	1,270	1,270	1,270	1,270	1,270	1,270	1,270	1,270	12,702
7	April 2020				613	613	613	613	613	613	613	613	613	5,516
8	May 2020					76	76	76	76	76	76	76	76	612
9	June 2020						406	406	406	406	406	406	406	2,844
10	July 2020							319	319	319	319	319	319	1,913
11	August 2020								2,579	2,579	2,579	2,579	2,579	12,893
12	September 2020									1,220	1,220	1,220	1,220	4,881
13	October 2020										2,044	2,044	2,044	6,133
14	November 2020											600	600	1,201
15	December 2020												1,619	1,619
16	Total 2020 Therm Savings Realized in 2020	-	1,350	2,621	3,233	3,310	3,716	4,035	6,614	7,834	9,879	10,479	12,098	65,169
17														
18	2020 Residential Therm Savings Realized in 2021	-	1,350	2,540	1,839	306	2,031	1,913	18,051	9,762	18,400	6,003	17,811	80,008
	*Per DE 17-136 Northern Utilities, Inc 2020 Energy Efficie	ency Revised	Annual Repo	ort filed on	June 29, 2	021 Page 1	of 18(Rev	ised)						

#### 2020 C&I Installed Therm Savings **Savings Annualization**

		Actual	2020											
Line	Description	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20	Jul-20	Aug-20	Sep-20	Oct-20	Nov-20	Dec-20	Annual Savings
	Col. A	Col. C	Col. D	Col. E	Col. F	Col. G	Col. H	Col. I	Col. J	Col. K	Col. L	Col. M	Col. N	Col. O
19	Monthly C&I Therm Savings*	10,885	3,916	3,966	2,324	14,685	4,167	494	783	7,393	13,748	34,019	146,033	242,412
20														
21	Monthly C&I Annualized Therm Savings													
22	January 2020	907	907	907	907	907	907	907	907	907	907	907	907	10,885
23	February 2020		326	326	326	326	326	326	326	326	326	326	326	3,590
24	March 2020			331	331	331	331	331	331	331	331	331	331	3,305
25	April 2020				194	194	194	194	194	194	194	194	194	1,743
26	May 2020					1,224	1,224	1,224	1,224	1,224	1,224	1,224	1,224	9,790
27	June 2020						347	347	347	347	347	347	347	2,431
28	July 2020							41	41	41	41	41	41	247
29	August 2020								65	65	65	65	65	326
30	September 2020									616	616	616	616	2,464
31	October 2020										1,146	1,146	1,146	3,437
32	November 2020											2,835	2,835	5,670
33	December 2020												12,169	12,169
34	Total 2020 C&I Therm Savings Realized in 2020	907	1,233	1,564	1,758	2,981	3,329	3,370	3,435	4,051	5,197	8,032	20,201	56,057
35														
36	2020 C&I Therm Savings Realized in 2021	-	326	661	581	4,895	1,736	247	457	4,929	10,311	28,349	133,864	186,355

<sup>\*</sup>Per DE 17-136 Northern Utilities, Inc 2020 Energy Efficiency Revised Annual Report filed on June 29, 2021 Page 1 of 18(Revised)

#### Northern Utilities, Inc.

Line					Summary of Averag	e Distribution Rat	e for Lost Rev	enue						
1					Calculation of Average	Distribution Rate for	Lost Revenue (D	etail)						
2														
3		(1)	(2)	(3)=(1)X(2)	<u>(4)</u>		(5)		$(6) = (4) \times (5)$		<u>(7)</u>	(8	)	$(9) = (7) \times (8)$
4		Number of		Calculated	Billing Determinants - V	Vinter	Winter Distribut	tion Rates	Winter	Billing Deter	minants - Summer	Summer Distri	bution Rates	Summer
5		Customers	Customer Charge	Customer Charge	First	Excess	First	Excess	Distribution	First	Excess	First	Excess	Distribution
6					<u>Therms</u>	Therms	Therms \$/thm Th	erms \$/thm	Revenue	<u>Therms</u>	Therms	herms \$/thm	Therms \$/thn	<u>Revenue</u>
7														
8	R-5 Residential, Heating	254,235	\$22.20	\$5,644,012	6,492,802	7,394,357	\$ 0.6920 \$	0.6920	\$9,609,914	2,886,762	514,633	\$ 0.6099	\$ 0.6099	\$2,074,510
9	R-10 Residential Heating, Low Income	7,409	\$8.88	\$65,795	198,454	174,712	\$ 0.6920 \$	0.6920	\$258,231	79,240	12,894	\$ 0.6099	\$ 0.6099	\$56,192
10	R-6 Residential, Non-Heating	13,188	\$22.20	\$292,765	53,533	93,914	\$ 0.6470 \$	0.6470	\$95,398	50,875	33,296	\$ 0.6470	\$ 0.6470	\$54,459
11	Total Residential Service	274,832		\$6,002,571	6,744,789	7,662,983			\$9,963,543	3,016,876	560,823			\$2,185,161
12														
13	G-40 Low Annual, High Winter Use	51,266	\$75.09	\$3,849,564	1,933,509	6,097,977	\$ 0.1865 \$	0.1865	\$1,497,872	734,511	678,865	\$ 0.1865	\$ 0.1865	\$263,595
14	G-50 Low Annual, Low Winter Use	8,504	\$75.09	\$638,565	220,985	617,049	\$ 0.1865 \$	0.1865	\$156,293	207,033	428,694	\$ 0.1865	\$ 0.1865	\$118,563
15	G-41 Medium Annual, High Winter Use	7,908	\$222.64	\$1,760,637	11,199,703	0	\$ 0.2425		\$2,715,928	2,549,242	0	\$ 0.1895		\$483,081
16	G-51 Medium Annual, Low Winter Use	3,023	\$222.64	\$673,041	1,711,732	1,080,841	\$ 0.1712 \$	0.1399	\$444,258	1,196,613	480,315	\$ 0.1337	\$ 0.1087	\$212,197
17	G-42 High Annual, High Winter Use	391	\$1,335.81	\$522,302	4,239,962		\$ 0.1984		\$841,208	1,583,558	0	\$ 0.1206		\$190,977
18	G-52 High Annual, Low Winter Use	386	\$1,335.81	\$515,623	8,365,254		\$ 0.1720		\$1,438,824	7,818,964	0	\$ 0.0792		\$619,262
19	Total General Service	71,478		\$7,959,732	27,671,145	7,795,867			\$7,094,384	14,089,922	1,587,875			\$1,887,676
20														
21	Total Company	346,310		\$13,962,303	34,415,934	15,458,850			\$17,057,927	17,106,798	2,148,697			\$4,072,837

Notes:
Column (1), Column (4) and Column (7): 2018 actual billing determinants.
Column (2), Column (6) and Column (8): Winter and Summer distribution or

Column (2), Column (5) and Column (8): Winter and Summer distribution rates effective May 1, 2019.

26 R-11 Rate Class is closed May 1, 2017. R-11 Rate Class Customers migrated to R-6 Rate Class.

27	
28	
29	

30 31 32

52 53

Calculation of Average D	Distribution Rate for	Lost Revenue Win	ter and Summer (Summary)	
	(10)=(3)	(11) = (6) + (9)	12=(10+(11)	(13)=(4)+(7)
		Total	Total	Total
	Total Calculated	Volumetric	Distribution	Annual
	Customer Revenue	Revenue	Revenue	Therms
		Kevenue	Kevende	<u>IIIEIIIIS</u>
R-5 R-10	1 - 7 - 7 -	\$11,684,424	\$17,328,436	17,288,553
K-10	\$65,795	\$314,423	\$380,218	465,300
2.5	\$292,765	\$149,857	\$442,621	231,618
R-6			·	
Total Residential Service	\$6,002,571	\$12,148,704	\$18,151,275	17,985,471
Total Residential Service	\$6,002,571	\$12,146,704	\$16,131,273	17,965,471
G-40	\$3,849,564	\$1,761,467	\$5,611,031	9,444,862
G-50	\$638,565	\$274.857	\$913,422	1 472 762
G-50 G-41		\$274,857	\$913,422 \$4.959.646	1,473,762 13,748,945
G-41 G-51		\$656,456	\$1,329,496	4,469,501
0-51	Ç073,041	Ç030,430	Ç1,323,430	4,403,301
G-42	\$522,302	\$1,032,186	\$1,554,487	5,823,520
-	, , , , , , , , ,	, ,		-,,
G-52	\$515,623	\$2,058,086	\$2,573,708	16,184,218
Total General Service	\$7,959,732	\$8,982,059	\$16,941,791	51,144,808
Total Company	\$13,962,303	\$21,130,764	\$35,093,066	69,130,279

#### Based on Actual Billing Determinants for 2020 at Current Distribution Rates-Winter

Duscu on ricia	(1)	(2)	(3)=(1)X(2)
	lotal Volumetric	lotal Winter	Average Distribution Rate
	Revenue	therms	\$/therm
R-5	\$9,609,914	13,887,159	\$0.6920
R-10	\$258,231	373,166	\$0.6920
R-6	\$95,398	147,447	\$0.6470
Total Residential Service	\$9,963,543	14,407,772	\$0.6915
G-40	\$1,497,872	8,031,486	\$0.1865
G-50	\$156,293	838,034	\$0.1865
G-41	\$2,715,928	11,199,703	\$0.2425
G-51	\$444,258	2,792,573	\$0.1591
G-42	\$841,208	4,239,962	\$0.1984
G-52	\$1,438,824	8,365,254	\$0.1720
Total General Service	\$7,094,384	35,467,012	\$0.2000

## Based on Actual Billing Determinants for 2020 at Current Distribution Rates- Summer

	(1)	(2)	(3)=(1)X(2)
	Total Volumetric Revenue	Total Summer therms	Average Distribution Rate \$/therm
R-5	\$2,074,510	3,401,394	\$0.6099
R-10	\$56,192	92,134	\$0.6099
R-6	\$54,459	84,171	\$0.6470
Residential			
Service	\$2,185,161	3,577,699	\$0.6108
G-40	\$263,595	1,413,376	\$0.1865
G-50	\$118,563	635,728	\$0.1865
G-41	\$483,081	2,549,242	\$0.1895
G-51	\$212,197	1,676,928	\$0.1265
G-42	\$190,977	1,583,558	\$0.1206
G-52	\$619,262	7,818,964	\$0.0792
Total General			
Service	\$1,887,676	15,677,796	\$0.1204
Total	\$ 21.130.764	69.130.279	

#### NORTHERN UTILITIES, INC.- NEW HAMPSHIRE DIVISION REMEDIATION ADJUSTMENT CLAUSE COMPLIANCE FILING 2020-2021 ENVIRONMENTAL RESPONSE COSTS SITE SPECIFIC EXPENSES

31 Total of Lines 27 through 30

Line Description	Tota	al 11	/11 - 10/12 1	1/12 - 10/13 11	/13 - 10/14 1	1/14-10/15	11/15-10/16	11/16-10/17	11/17-10/18	11/18-10/19	11/19-10/20	11/20-10/21	11/21-10/22	11/22-10/23	11/23-10/24	11/24-10/25	11/25-10/26	11/26-10/27	11/27-10/28
ENVIRONMENTAL RESPONSE COST (ERC)																			
1 July 10 - June 11 Expenses Amortization (1/7)	\$ 12	21,209 \$	17,316 \$	17,316 \$	17,316 \$	17,316 \$	17,316	17,316	17,316										
2 July 11 - June 12 Expenses Amortization (1/7)	\$ 15	59,020	\$	22,717 \$	22,717 \$	22,717 \$	22,717	22,717	22,717 \$	22,717									
3 July 12 - June 13 Expenses Amortization (1/7)	\$ 17	75,406		\$	25,058 \$	25,058 \$	25,058	25,058	25,058 \$	25,058	\$ 25,058								
4 July 13 - June 14 Expenses Amortization (1/7)	\$ 4	40,881			\$	5,840 \$	5,840	5,840	5,840 \$	5,840	\$ 5,840 \$	5,840							
5 July 14 - June 15 Expenses Amortization (1/7)	\$ 1	12,198				\$	16,028	16,028 \$	16,028 \$	16,028	\$ 16,028 \$	16,028	\$ 16,028						
6 July 15 - June 16 Expenses Amortization (1/7)	\$ 2,17	79,885					\$	311,412	311,412 \$	311,412	\$ 311,412 \$	311,412	\$ 311,412	\$ 311,412					
7 July 16 - June 17 Expenses Amortization (1/7)	\$ 5	54,154							\$7,736	\$7,736	\$7,736	\$7,736	\$7,736	\$7,736	\$7,736				
8 July 17 - June 18 Expenses Amortization (1/7)	\$ 28	83,143								\$40,449	\$40,449	\$40,449	\$40,449	\$40,449	\$40,449	\$40,449			
9 July 18 - June 19 Expenses Amortization (1/7)	\$ 20	03,357								\$	\$ 29,051	29,051	\$ 29,051	\$ 29,051 \$	29,051 \$	29,051 \$	29,051		
10 July 19 - June 20 Expenses Amortization (1/7)	\$ 7	77,165									\$	11,024	\$ 11,024	\$ 11,024 \$	11,024 \$	11,024 \$	11,024 \$	11,024	
11 July 20 - June 21 Expenses Amortization (1/7)	\$ 1	18,256											\$ 16,894	\$ 16,894 \$	16,894 \$	16,894 \$	16,894 \$	16,894 \$	16,894
12 Subtotal (Line 1 through Line 11)	\$ 3,52	24,674 \$	17,316 \$	40,033 \$	65,091 \$	70,931 \$	86,959	398,371	406,108 \$	429,241	\$ 435,575	\$ 421,540	\$ 432,594	\$ 416,566 \$	105,153 \$	97,417 \$	56,968 \$	27,917 \$	16,894
13 Add: Excess amortization from prior years (from schedule 5, Line 9)	\$	- \$	- \$	- \$	- \$	- \$	- \$	5 - \$	- \$	- :	\$ - 5	-	\$ -	\$ - \$	- \$	- \$	- \$	- \$	-
14 Less: Excess amortization to be deferred (from schedule 5, Line 8)	\$	- \$	- \$	- \$	- \$	- \$	- (	5 - \$	- \$	- 9	\$ - \$	-	\$ -	\$ - \$	- \$	- \$	- \$	- \$	-
15 Total Environmental Response cost to be recovered (ERC)	\$ 3,52	24,674 \$	17,316 \$	40,033 \$	65,091 \$	70,931 \$	86,959	398,371	\$ 406,108 \$	429,241	\$ 435,575	\$ 421,540	\$ 432,594	\$ 416,566	105,153 \$	97,417 \$	56,968 \$	27,917 \$	16,894
16 July 2010 - June 2011 Unamortized beginning balanc 17 July 2011 - June 2012 Unamortized beginning balanc 18 July 2012 - June 2013 Unamortized beginning balanc 19 July 2013 - June 2014 Unamortized beginning balanc 20 July 2014 - June 2015 Unamortized beginning balanc 21 July 2015 - June 2016 Unamortized beginning balanc 22 July 2016 - June 2017 Unamortized beginning balanc 23 July 2017 - June 2018 Unamortized beginning balanc 24 July 2018 - June 2020 Unamortized beginning balanc 25 July 2020 - June 2021 Unamortized beginning balanc	9 9 9 9 9 9 9		\$		136,303 \$ 175,406 \$ \$	113,586 \$ 150,348 \$ 40,881 \$ \$	90,869 \$ 125,290 \$ 35,041 \$ 112,198 \$ \$	6 68,151 8 6 100,232 8 6 29,201 8 6 96,170 8 6 2,179,885 8	45,434 \$ 75,174 \$ 5 23,361 \$ 6 80,141 \$ 5 4,154 \$ 5 54,154 \$	50,116 17,521 64,113 1,557,061 46,418 283,143	\$ 11,680 \$ 48,085 \$ 1,245,649 \$ 38,681 \$ 242,694 \$ 203,357 \$ 9	32,057 934,236 30,945 202,245 174,306 77,165	\$ 622,824 \$ 23,209 \$ 161,796 \$ 145,255 \$ 66,141 \$ 118,256	\$ 15,473 \$ 121,347 \$ 116,204 \$ 55,118 \$ 101,362 \$	80,898 \$ 87,153 \$ 44,094 \$ 84,468 \$	40,449 58,102 \$ 33,071 \$ 67,575 \$	22,047 \$ 50,681 \$	33,787 \$	16,894
27 Total Unamortized beginning balance		\$	121,209 \$	262,913 \$	398,287 \$	374,077 \$	415,344	2,508,270	2,164,053 \$	2,041,089	\$ 1,815,204	\$ 1,456,794	\$ 1,153,509	\$ 720,915	304,350 \$	199,196 \$	101,779 \$	44,811 \$	16,894
28 INSURANCE/3RD PARTY EXPENSES (IE) Expenses (from schedule 2)																			
<ul><li>29 INSURANCE/3RD PARTY RECOVERIES (IR)</li><li>30 UNDER/OVER Recovery from previous year</li></ul>																			

\$ 121,209 \$ 262,913 \$ 398,287 \$ 374,077 \$ 415,344 \$ 2,508,270 \$ 2,164,053 \$ 2,041,089 \$ 1,815,204 \$ 1,456,794 \$ 1,153,509 \$ 720,915 \$ 304,350 \$ 199,196 \$ 101,779 \$ 44,811 \$ 16,894

Typical Residential Heating Bill - 715 therms/year Comparison of Winter 2021-2022 vs. Winter 2020-2021

				Comparis	on of Win	ter 2021-2	022 vs. W	inter 2020-2	2021							`
1		Nov	Dec	Jan	Feb	Mar	Apr	Winter	May	June	July	August	Sept	October	Summer	Annual
2 Typical Usage: therms (*	)	55	93	124	135	101	74	581	51	21	14	12	15	21	133	715
3 Winter 2021 - 2022																
4 Customer Charge units @	\$ 22.20	\$22.20	\$22.20	\$22.20	\$22.20	\$22.20	\$22.20	\$133.20								
5 First 50 units @	\$0.6920	\$34.60	\$34.60	\$34.60	\$34.60	\$34.60	\$34.60	\$207.60								
6 Over 50 units @	\$0.6920	\$3.71	\$29.50	\$51.20	\$58.55	\$35.30	\$16.47	\$194.74								
7 COG 1 8 COG 2	\$0.9392 \$0.9392	\$52.00	\$86.99					\$52.00 \$86.99								
9 COG 3	\$0.9392 \$0.9392		\$00.99	\$116.45				\$66.99 \$116.45								
10 COG 4	\$0.9392			ψ110.43	\$126.43			\$116.43								
11 COG 5	\$0.9392				ψ120.10	\$94.87		\$94.87								
12 COG 6	\$0.9392						\$69.31	\$69.31								
13 LDAC	\$0.0631	\$3.49	\$5.84	\$7.82	\$8.49	\$6.37	\$4.66	\$36.69								
14 Summer 2022																
15 Customer Charge units @	\$ 22.20								\$ 22.20	\$22.20	\$22.20	\$22.20 \$		\$22.20	\$133.20	
16 First 50 units @	\$0.6099								\$30.50	\$12.91	\$8.53	\$7.09	\$9.07	\$12.73	\$80.82	
17 Over 50 units @	\$0.6099								\$0.36	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.36	
20 COG 1	\$0.5176								\$26.18	£40.0E					\$26.18 \$10.95	
21 COG 2 22 COG 3	\$0.5176 \$0.5176									\$10.95	\$7.24				\$7.24	
23 COG 4	\$0.5176										Ψ1.24	\$6.02			\$6.02	
24 COG 5	\$0.5176											ψ0.0 <u>L</u>	\$7.70		\$7.70	
25 COG 6	\$0.5176													\$10.80	\$10.80	
26 Summer Period Weighted Avg. COG	\$0.5176															
27 LDAC	\$ 0.0631								\$3.19	\$1.34	\$0.88	\$0.73	\$0.94	\$1.32	\$8.40	
28	TOTAL	\$116.01	\$179.13	\$232.28	\$250.28	\$193.35	\$147.24	\$1,118.29	\$82.43	\$47.40	\$38.86	\$36.04	\$39.91	\$47.05	\$291.67	\$1,409.96
Base Rate Change Winter	\$ Change	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00								
	% Change	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%								
COG Change Winter	\$ Change	\$11.50	\$19.24	\$25.75	\$27.96	\$20.98	\$15.33	\$120.76								
, and the second	% Change	10.74%	11.71%	12.13%	12.23%	11.85%	11.32%	11.78%								
LDAC Change Winter	\$ Change	-\$2.59	-\$4.33	-\$5.80	-\$6.30	-\$4.73	-\$3.45	-\$27.21								
LDAC Change Winter																
LDAC Change Winter	\$ Change	-\$2.59	-\$4.33	-\$5.80	-\$6.30	-\$4.73	-\$3.45	-\$27.21								
LDAC Change Winter	\$ Change	-\$2.59	-\$4.33	-\$5.80	-\$6.30	-\$4.73	-\$3.45 -2.55%	-\$27.21	May	June	July	August	Sept	October	Summer	Annual
·	\$ Change	-\$2.59 -2.42%	-\$4.33 -2.64%	-\$5.80 -2.73%	-\$6.30 -2.76%	-\$4.73 -2.67%	-\$3.45	-\$27.21 -2.66%	<b>May</b> 51	June 21	July 14	August 12	Sept 15	October 21	Summer 133	<b>Annual</b> 715
27	\$ Change	-\$2.59 -2.42% Nov	-\$4.33 -2.64% Dec	-\$5.80 -2.73% Jan	-\$6.30 -2.76% Feb	-\$4.73 -2.67% Mar	-\$3.45 -2.55% Apr	-\$27.21 -2.66% Winter								
27 28 Typical Usage: therms	\$ Change	-\$2.59 -2.42% Nov	-\$4.33 -2.64% Dec	-\$5.80 -2.73% Jan	-\$6.30 -2.76% Feb	-\$4.73 -2.67% Mar	-\$3.45 -2.55% Apr	-\$27.21 -2.66% Winter								
27 28	\$ Change % Change \$ 22.20 \$0.6920	-\$2.59 -2.42% Nov 55 \$22.20 \$34.60	-\$4.33 -2.64% Dec 93 \$22.20 \$34.60	-\$5.80 -2.73% Jan 124 \$22.20 \$34.60	-\$6.30 -2.76% Feb 135 \$22.20 \$34.60	-\$4.73 -2.67% Mar 101 \$22.20 \$34.60	-\$3.45 -2.55% Apr 74 \$22.20 \$34.60	-\$27.21 -2.66% Winter 581 \$133.20 \$207.60								
27 28 Typical Usage: thems 29 Winter 2020 - 2021 30 Customer Charge 31 First 50 units @ 50 units @ 50 units @	\$ Change % Change \$ 22.20 \$0.6920 \$0.6920	-\$2.59 -2.42% Nov 55 \$22.20 \$34.60 \$3.71	-\$4.33 -2.64% Dec 93 \$22.20	-\$5.80 -2.73% Jan 124 \$22.20	-\$6.30 -2.76% Feb 135 \$22.20	-\$4.73 -2.67% <b>Mar</b> 101 \$22.20	-\$3.45 -2.55% Apr 74 \$22.20	-\$27.21 -2.66% Winter 581 \$133.20 \$207.60 \$194.74								
27 28	\$ Change % Change \$ 22.20 \$0.6920 \$0.6920 \$0.7315	-\$2.59 -2.42% Nov 55 \$22.20 \$34.60	-\$4.33 -2.64% Dec 93 \$22.20 \$34.60 \$29.50	-\$5.80 -2.73% Jan 124 \$22.20 \$34.60	-\$6.30 -2.76% Feb 135 \$22.20 \$34.60	-\$4.73 -2.67% Mar 101 \$22.20 \$34.60	-\$3.45 -2.55% Apr 74 \$22.20 \$34.60	-\$27.21 -2.66% Winter 581 \$133.20 \$207.60 \$194.74 \$40.50								
27 28	\$ Change % Change \$ 22.20 \$0.6920 \$0.6920 \$0.7315 \$0.7315	-\$2.59 -2.42% Nov 55 \$22.20 \$34.60 \$3.71	-\$4.33 -2.64% Dec 93 \$22.20 \$34.60	-\$5.80 -2.73% Jan 124 \$22.20 \$34.60 \$51.20	-\$6.30 -2.76% Feb 135 \$22.20 \$34.60	-\$4.73 -2.67% Mar 101 \$22.20 \$34.60	-\$3.45 -2.55% Apr 74 \$22.20 \$34.60	\$27.21 -2.66% Winter 581 \$133.20 \$207.60 \$194.74 \$40.50 \$67.75								
27 28	\$ Change % Change \$ 22.20 \$0.6920 \$0.7315 \$0.7315	-\$2.59 -2.42% Nov 55 \$22.20 \$34.60 \$3.71	-\$4.33 -2.64% Dec 93 \$22.20 \$34.60 \$29.50	-\$5.80 -2.73% Jan 124 \$22.20 \$34.60	-\$6.30 -2.76% Feb 135 \$22.20 \$34.60 \$58.55	-\$4.73 -2.67% Mar 101 \$22.20 \$34.60	-\$3.45 -2.55% Apr 74 \$22.20 \$34.60	\$27.21 -2.66% Winter 581 \$133.20 \$207.60 \$194.74 \$40.50 \$67.75 \$90.70								
27 28	\$ Change % Change \$ 22.20 \$0.6920 \$0.7315 \$0.7315 \$0.7315	-\$2.59 -2.42% Nov 55 \$22.20 \$34.60 \$3.71	-\$4.33 -2.64% Dec 93 \$22.20 \$34.60 \$29.50	-\$5.80 -2.73% Jan 124 \$22.20 \$34.60 \$51.20	-\$6.30 -2.76% Feb 135 \$22.20 \$34.60	-\$4.73 -2.67% Mar 101 \$22.20 \$34.60 \$35.30	-\$3.45 -2.55% Apr 74 \$22.20 \$34.60	\$27.21 -2.66% Winter 581 \$133.20 \$207.60 \$194.74 \$40.50 \$67.75 \$90.70 \$98.47								
27 28	\$ Change % Change \$ 22.20 \$0.6920 \$0.7315 \$0.7315	-\$2.59 -2.42% Nov 55 \$22.20 \$34.60 \$3.71	-\$4.33 -2.64% Dec 93 \$22.20 \$34.60 \$29.50	-\$5.80 -2.73% Jan 124 \$22.20 \$34.60 \$51.20	-\$6.30 -2.76% Feb 135 \$22.20 \$34.60 \$58.55	-\$4.73 -2.67% Mar 101 \$22.20 \$34.60	-\$3.45 -2.55% Apr 74 \$22.20 \$34.60	\$27.21 -2.66% Winter 581 \$133.20 \$207.60 \$194.74 \$40.50 \$67.75 \$90.70								
27 28 30 Customer Charge 31 First 32 Over 33 34 4 50 COG 1 34 50 COG 2 35 50 COG 3 36 50 COG 4 37 50 COG 5	\$ Change % Change \$ 22.20 \$0.6920 \$0.8920 \$0.7315 \$0.7315 \$0.7315	-\$2.59 -2.42% Nov 55 \$22.20 \$34.60 \$3.71	-\$4.33 -2.64% Dec 93 \$22.20 \$34.60 \$29.50	-\$5.80 -2.73% Jan 124 \$22.20 \$34.60 \$51.20	-\$6.30 -2.76% Feb 135 \$22.20 \$34.60 \$58.55	-\$4.73 -2.67% Mar 101 \$22.20 \$34.60 \$35.30	-\$3.45 -2.55% Apr 74 \$22.20 \$34.60 \$16.47	\$27.21 -2.66% Winter 581 \$133.20 \$207.60 \$194.74 \$40.50 \$67.75 \$90.70 \$98.47 \$73.89								
27 28	\$ Change % Change \$ 22.20 \$0.6920 \$0.7315 \$0.7315 \$0.7315 \$0.7315 \$0.7315	-\$2.59 -2.42% Nov 55 \$22.20 \$34.60 \$3.71	-\$4.33 -2.64% Dec 93 \$22.20 \$34.60 \$29.50	-\$5.80 -2.73% Jan 124 \$22.20 \$34.60 \$51.20	-\$6.30 -2.76% Feb 135 \$22.20 \$34.60 \$58.55	-\$4.73 -2.67% Mar 101 \$22.20 \$34.60 \$35.30	-\$3.45 -2.55% Apr 74 \$22.20 \$34.60 \$16.47	\$27.21 -2.66% Winter 581 \$133.20 \$207.60 \$194.74 \$40.50 \$67.75 \$90.70 \$98.47 \$73.89								
27 28	\$ Change % Change \$ 22.20 \$0.6920 \$0.6920 \$0.7315 \$0.7315 \$0.7315 \$0.7315 \$0.7315 \$0.7315 \$0.7315	-\$2.59 -2.42% Nov 55 \$22.20 \$34.60 \$3.71 \$40.50	-\$4.33 -2.64% Dec 93 \$22.20 \$34.60 \$29.50 \$67.75	-\$5.80 -2.73% Jan 124 \$22.20 \$34.60 \$51.20 \$90.70	-\$6.30 -2.76% Feb 135 \$22.20 \$34.60 \$58.55	\$4.73 -2.67% Mar 101 \$22.20 \$34.60 \$35.30	-\$3.45 -2.55% Apr 74 \$22.20 \$34.60 \$16.47	-\$27.21 -2.66% Winter 581 \$133.20 \$207.60 \$194.74 \$40.50 \$67.75 \$90.70 \$98.47 \$73.89 \$53.99	51	21	14	12	15	21	133	
27 28	\$ Change % Change \$ 22.20 \$0.6920 \$0.6920 \$0.7315 \$0.7315 \$0.7315 \$0.7315 \$0.7315 \$0.7315 \$0.7315 \$0.1099	-\$2.59 -2.42% Nov 55 \$22.20 \$34.60 \$3.71 \$40.50	-\$4.33 -2.64% Dec 93 \$22.20 \$34.60 \$29.50 \$67.75	-\$5.80 -2.73% Jan 124 \$22.20 \$34.60 \$51.20 \$90.70	-\$6.30 -2.76% Feb 135 \$22.20 \$34.60 \$58.55	\$4.73 -2.67% Mar 101 \$22.20 \$34.60 \$35.30	-\$3.45 -2.55% Apr 74 \$22.20 \$34.60 \$16.47	-\$27.21 -2.66% Winter 581 \$133.20 \$207.60 \$194.74 \$40.50 \$67.75 \$90.70 \$98.47 \$73.89 \$53.99	51 \$22.20	21 \$22.20	14	12	15	21 \$22.20	133 \$133.20	
27 28	\$ Change % C	-\$2.59 -2.42% Nov 55 \$22.20 \$34.60 \$3.71 \$40.50	-\$4.33 -2.64% Dec 93 \$22.20 \$34.60 \$29.50 \$67.75	-\$5.80 -2.73% Jan 124 \$22.20 \$34.60 \$51.20 \$90.70	-\$6.30 -2.76% Feb 135 \$22.20 \$34.60 \$58.55	\$4.73 -2.67% Mar 101 \$22.20 \$34.60 \$35.30	-\$3.45 -2.55% Apr 74 \$22.20 \$34.60 \$16.47	-\$27.21 -2.66% Winter 581 \$133.20 \$207.60 \$194.74 \$40.50 \$67.75 \$90.70 \$98.47 \$73.89 \$53.99	\$22.20 \$30.50	\$22.20 \$12.91	14 \$22.20 \$8.53	\$22.20 \$7.09	\$22.20 \$9.07	21 \$22.20 \$12.73	133 \$133.20 \$80.82	
27 28	\$ Change % Change \$ 22.20 \$0.6920 \$0.7315 \$0.7315 \$0.7315 \$0.7315 \$0.7315 \$0.7315 \$0.7015 \$0.6099 \$0.6099	-\$2.59 -2.42% Nov 55 \$22.20 \$34.60 \$3.71 \$40.50	-\$4.33 -2.64% Dec 93 \$22.20 \$34.60 \$29.50 \$67.75	-\$5.80 -2.73% Jan 124 \$22.20 \$34.60 \$51.20 \$90.70	-\$6.30 -2.76% Feb 135 \$22.20 \$34.60 \$58.55	\$4.73 -2.67% Mar 101 \$22.20 \$34.60 \$35.30	-\$3.45 -2.55% Apr 74 \$22.20 \$34.60 \$16.47	-\$27.21 -2.66% Winter 581 \$133.20 \$207.60 \$194.74 \$40.50 \$67.75 \$90.70 \$98.47 \$73.89 \$53.99	\$22.20 \$30.50 \$0.36	21 \$22.20	14	12	15	21 \$22.20	\$133.20 \$80.82 \$0.36	
27 28	\$ Change % Change % Change % Change % Change \$ 22.20 \$ 0.6920 \$ 0.7315 \$ 0.7315 \$ 0.7315 \$ 0.7315 \$ 0.7315 \$ 0.7315 \$ 0.1099 \$ 22.20 \$ 0.6099 \$ 0.6099 \$ 0.4970	-\$2.59 -2.42% Nov 55 \$22.20 \$34.60 \$3.71 \$40.50	-\$4.33 -2.64% Dec 93 \$22.20 \$34.60 \$29.50 \$67.75	-\$5.80 -2.73% Jan 124 \$22.20 \$34.60 \$51.20 \$90.70	-\$6.30 -2.76% Feb 135 \$22.20 \$34.60 \$58.55	\$4.73 -2.67% Mar 101 \$22.20 \$34.60 \$35.30	-\$3.45 -2.55% Apr 74 \$22.20 \$34.60 \$16.47	-\$27.21 -2.66% Winter 581 \$133.20 \$207.60 \$194.74 \$40.50 \$67.75 \$90.70 \$98.47 \$73.89 \$53.99	\$22.20 \$30.50	\$22.20 \$12.91 \$0.00	14 \$22.20 \$8.53	\$22.20 \$7.09	\$22.20 \$9.07	21 \$22.20 \$12.73	\$133.20 \$80.82 \$0.36 \$25.14	
27 28	\$ Change % Change % Change % Change % Change \$ 22.20 \$ 0.6920 \$ 0.7315 \$ 0.7315 \$ 0.7315 \$ 0.7315 \$ 0.7315 \$ 0.1099 \$ 22.20 \$ 0.6099 \$ 0.6099 \$ 0.6099 \$ 0.4970 \$ 0.4970	-\$2.59 -2.42% Nov 55 \$22.20 \$34.60 \$3.71 \$40.50	-\$4.33 -2.64% Dec 93 \$22.20 \$34.60 \$29.50 \$67.75	-\$5.80 -2.73% Jan 124 \$22.20 \$34.60 \$51.20 \$90.70	-\$6.30 -2.76% Feb 135 \$22.20 \$34.60 \$58.55	\$4.73 -2.67% Mar 101 \$22.20 \$34.60 \$35.30	-\$3.45 -2.55% Apr 74 \$22.20 \$34.60 \$16.47	-\$27.21 -2.66% Winter 581 \$133.20 \$207.60 \$194.74 \$40.50 \$67.75 \$90.70 \$98.47 \$73.89 \$53.99	\$22.20 \$30.50 \$0.36	\$22.20 \$12.91	14 \$22.20 \$8.53	\$22.20 \$7.09	\$22.20 \$9.07	21 \$22.20 \$12.73	\$133.20 \$80.82 \$0.36	
27 28	\$ Change % Change % Change % Change % Change \$ 22.20 \$ 0.6920 \$ 0.7315 \$ 0.7315 \$ 0.7315 \$ 0.7315 \$ 0.7315 \$ 0.7315 \$ 0.1099 \$ 22.20 \$ 0.6099 \$ 0.6099 \$ 0.4970	-\$2.59 -2.42% Nov 55 \$22.20 \$34.60 \$3.71 \$40.50	-\$4.33 -2.64% Dec 93 \$22.20 \$34.60 \$29.50 \$67.75	-\$5.80 -2.73% Jan 124 \$22.20 \$34.60 \$51.20 \$90.70	-\$6.30 -2.76% Feb 135 \$22.20 \$34.60 \$58.55	\$4.73 -2.67% Mar 101 \$22.20 \$34.60 \$35.30	-\$3.45 -2.55% Apr 74 \$22.20 \$34.60 \$16.47	-\$27.21 -2.66% Winter 581 \$133.20 \$207.60 \$194.74 \$40.50 \$67.75 \$90.70 \$98.47 \$73.89 \$53.99	\$22.20 \$30.50 \$0.36	\$22.20 \$12.91 \$0.00	\$22.20 \$8.53 \$0.00	\$22.20 \$7.09	\$22.20 \$9.07	21 \$22.20 \$12.73	\$133.20 \$80.82 \$0.36 \$25.14 \$10.52	
27 28	\$ Change % Change % Change % Change % Change \$ 22.20 \$ 0.6920 \$ 0.7315 \$ 0.7315 \$ 0.7315 \$ 0.7315 \$ 0.7315 \$ 0.7315 \$ 0.099 \$ 0.6099 \$ 0.6099 \$ 0.4970 \$ 0.4970 \$ 0.4970 \$ 0.4970	-\$2.59 -2.42% Nov 55 \$22.20 \$34.60 \$3.71 \$40.50	-\$4.33 -2.64% Dec 93 \$22.20 \$34.60 \$29.50 \$67.75	-\$5.80 -2.73% Jan 124 \$22.20 \$34.60 \$51.20 \$90.70	-\$6.30 -2.76% Feb 135 \$22.20 \$34.60 \$58.55	\$4.73 -2.67% Mar 101 \$22.20 \$34.60 \$35.30	-\$3.45 -2.55% Apr 74 \$22.20 \$34.60 \$16.47	-\$27.21 -2.66% Winter 581 \$133.20 \$207.60 \$194.74 \$40.50 \$67.75 \$90.70 \$98.47 \$73.89 \$53.99	\$22.20 \$30.50 \$0.36	\$22.20 \$12.91 \$0.00	\$22.20 \$8.53 \$0.00	\$22.20 \$7.09 \$0.00	\$22.20 \$9.07	21 \$22.20 \$12.73	\$133.20 \$80.82 \$0.36 \$25.14 \$10.52 \$6.95	
27 28	\$ Change % C	-\$2.59 -2.42% Nov 55 \$22.20 \$34.60 \$3.71 \$40.50	-\$4.33 -2.64% Dec 93 \$22.20 \$34.60 \$29.50 \$67.75	-\$5.80 -2.73% Jan 124 \$22.20 \$34.60 \$51.20 \$90.70	-\$6.30 -2.76% Feb 135 \$22.20 \$34.60 \$58.55	\$4.73 -2.67% Mar 101 \$22.20 \$34.60 \$35.30	-\$3.45 -2.55% Apr 74 \$22.20 \$34.60 \$16.47	-\$27.21 -2.66% Winter 581 \$133.20 \$207.60 \$194.74 \$40.50 \$67.75 \$90.70 \$98.47 \$73.89 \$53.99	\$22.20 \$30.50 \$0.36	\$22.20 \$12.91 \$0.00	\$22.20 \$8.53 \$0.00	\$22.20 \$7.09 \$0.00	\$22.20 \$9.07 \$0.00	21 \$22.20 \$12.73	\$133.20 \$80.82 \$0.36 \$25.14 \$10.52 \$6.95 \$5.78	
27 28	\$ Change % C	-\$2.59 -2.42% Nov 55 \$22.20 \$34.60 \$3.71 \$40.50	-\$4.33 -2.64% Dec 93 \$22.20 \$34.60 \$29.50 \$67.75	-\$5.80 -2.73% Jan 124 \$22.20 \$34.60 \$51.20 \$90.70	-\$6.30 -2.76% Feb 135 \$22.20 \$34.60 \$58.55	\$4.73 -2.67% Mar 101 \$22.20 \$34.60 \$35.30	-\$3.45 -2.55% Apr 74 \$22.20 \$34.60 \$16.47	-\$27.21 -2.66% Winter 581 \$133.20 \$207.60 \$194.74 \$40.50 \$67.75 \$90.70 \$98.47 \$73.89 \$53.99	\$22.20 \$30.50 \$0.36 \$25.14	\$22.20 \$12.91 \$0.00 \$10.52	\$22.20 \$8.53 \$0.00 \$6.95	\$22.20 \$7.09 \$0.00	\$22.20 \$9.07 \$0.00	\$22.20 \$12.73 \$0.00	\$133.20 \$80.82 \$0.36 \$25.14 \$10.52 \$6.95 \$5.78 \$7.39	
27 28	\$ Change % Change % Change % Change % Change \$ 22.20 \$ 0.6920 \$ 0.6920 \$ 0.7315 \$ 0.7315 \$ 0.7315 \$ 0.7315 \$ 0.7315 \$ 0.7315 \$ 0.1099 \$ 22.20 \$ 0.6099 \$ 0.6099 \$ 0.4970 \$ 0.4	-\$2.59 -2.42% Nov 55 \$22.20 \$34.60 \$3.71 \$40.50	-\$4.33 -2.64% Dec 93 \$22.20 \$34.60 \$29.50 \$67.75	-\$5.80 -2.73% Jan 124 \$22.20 \$34.60 \$51.20 \$90.70	-\$6.30 -2.76% Feb 135 \$22.20 \$34.60 \$58.55	\$4.73 -2.67% Mar 101 \$22.20 \$34.60 \$35.30	-\$3.45 -2.55% Apr 74 \$22.20 \$34.60 \$16.47	-\$27.21 -2.66% Winter 581 \$133.20 \$207.60 \$194.74 \$40.50 \$67.75 \$90.70 \$98.47 \$73.89 \$53.99	\$22.20 \$30.50 \$0.36	\$22.20 \$12.91 \$0.00	\$22.20 \$8.53 \$0.00	\$22.20 \$7.09 \$0.00	\$22.20 \$9.07 \$0.00	\$22.20 \$12.73 \$0.00	\$133.20 \$80.82 \$0.36 \$25.14 \$10.52 \$6.95 \$5.78 \$7.39	
27 28	\$ Change % Change % Change % Change % Change % Change \$ 22.20 \$ 0.6920 \$ 0.7315 \$ 0.7315 \$ 0.7315 \$ 0.7315 \$ 0.7315 \$ 0.7315 \$ 0.099 \$ 0.6099 \$ 0.6099 \$ 0.4970 \$ 0.4	-\$2.59 -2.42% Nov 55 \$22.20 \$34.60 \$3.71 \$40.50	-\$4.33 -2.64% Dec 93 \$22.20 \$34.60 \$29.50 \$67.75	-\$5.80 -2.73% Jan 124 \$22.20 \$34.60 \$51.20 \$90.70	-\$6.30 -2.76% Feb 135 \$22.20 \$34.60 \$58.55 \$98.47	\$4.73 -2.67% Mar 101 \$22.20 \$34.60 \$35.30 \$73.89	*\$3.45 -2.55% Apr 74 \$22.20 \$34.60 \$16.47 \$53.99 \$8.11	\$27.21 -2.66% Winter 581 \$133.20 \$207.60 \$194.74 \$40.50 \$67.75 \$90.70 \$98.47 \$73.89 \$53.99	\$22.20 \$30.50 \$0.36 \$25.14	\$22.20 \$12.91 \$0.00 \$10.52	\$22.20 \$8.53 \$0.00 \$6.95	\$22.20 \$7.09 \$0.00 \$5.78	\$22.20 \$9.07 \$0.00 \$7.39	\$22.20 \$12.73 \$0.00	\$133.20 \$80.82 \$0.36 \$25.14 \$10.52 \$6.95 \$5.78 \$7.39 \$10.37	715
27 28	\$ Change % C	-\$2.59 -2.42% Nov 55 \$22.20 \$34.60 \$3.71 \$40.50 \$6.08	\$4.33 -2.64% Dec 93 \$22.20 \$34.60 \$29.50 \$67.75	\$22.20 \$34.60 \$51.20 \$90.70	-\$6.30 -2.76% Feb 135 \$22.20 \$34.60 \$58.55 \$98.47 \$14.79	\$4.73 -2.67% Mar 101 \$22.20 \$34.60 \$35.30 \$73.89 \$11.10	\$3.45 -2.55% Apr 74 \$22.20 \$34.60 \$16.47 \$53.99 \$8.11	\$27.21 -2.66% Winter 581 \$133.20 \$207.60 \$194.74 \$40.50 \$67.75 \$90.70 \$98.47 \$73.89 \$53.99 \$63.90	\$22.20 \$30.50 \$0.36 \$25.14 \$5.56	\$22.20 \$12.91 \$0.00 \$10.52 \$2.33	\$22.20 \$8.53 \$0.00 \$6.95 \$1.54	\$22.20 \$7.09 \$0.00 \$5.78 \$1.28	\$22.20 \$9.07 \$0.00 \$7.39 \$1.63	\$22.20 \$12.73 \$0.00 \$10.37 \$2.29	\$133.20 \$80.82 \$0.36 \$25.14 \$10.52 \$6.95 \$5.78 \$7.39 \$10.37 \$14.63	715 \$1,319.90
27 28	\$ Change % Change % Change % Change % Change % Change \$ 22.20 \$ 0.6920 \$ 0.7315 \$ 0.7315 \$ 0.7315 \$ 0.7315 \$ 0.7315 \$ 0.7315 \$ 0.099 \$ 0.6099 \$ 0.6099 \$ 0.4970 \$ 0.4	-\$2.59 -2.42% Nov 55 \$22.20 \$34.60 \$3.71 \$40.50	-\$4.33 -2.64% Dec 93 \$22.20 \$34.60 \$29.50 \$67.75	-\$5.80 -2.73% Jan 124 \$22.20 \$34.60 \$51.20 \$90.70	-\$6.30 -2.76% Feb 135 \$22.20 \$34.60 \$58.55 \$98.47	\$4.73 -2.67% Mar 101 \$22.20 \$34.60 \$35.30 \$73.89	*\$3.45 -2.55% Apr 74 \$22.20 \$34.60 \$16.47 \$53.99 \$8.11	\$27.21 -2.66% Winter 581 \$133.20 \$207.60 \$194.74 \$40.50 \$67.75 \$90.70 \$98.47 \$73.89 \$53.99	\$22.20 \$30.50 \$0.36 \$25.14	\$22.20 \$12.91 \$0.00 \$10.52	\$22.20 \$8.53 \$0.00 \$6.95	\$22.20 \$7.09 \$0.00 \$5.78	\$22.20 \$9.07 \$0.00 \$7.39	\$22.20 \$12.73 \$0.00	\$133.20 \$80.82 \$0.36 \$25.14 \$10.52 \$6.95 \$5.78 \$7.39 \$10.37	715

<sup>\*-</sup>Note- Weighted by usage. Most recent 12 months actual Weather Normalized.

Northern Utilities, Inc. New Hampshire Division Attachment NUI-SED-3 Page 2 of 10

Typical G-40 Commercial & Industrial Bill - 2,022 therms/year Comparison of Winter 2021-2022 vs. Winter 2020-2021

			•	mpariso	0	CI ZUZ I-	LULL VJ.	winter 202	.0-2021							
1		Nov	Dec	Jan	Feb	Mar	Apr	Winter	May	June	July	August	Sept	October	Summer	Annual
<li>Typical Usage: therms (</li>	*)	159	279	369	417	306	209	1,738	122	42	24	20	31	44	283	2,022
3 Winter 2021 - 2022	•															
4 Customer Charge units @	\$ 75.09	\$75.09	\$75.09	\$75.09	\$75.09	\$75.09	\$75.09	\$450.54								
5 First 75 units @	\$0.1865	\$13.99	\$13.99	\$13.99	\$13.99	\$13.99	\$13.99	\$83.93								
6 Over 75 units @	\$0.1865	\$15.60	\$38.00	\$54.81	\$63.72	\$43.11	\$25.04	\$240.28								
7 COG 1	\$0.9551	\$151.54	ψ00.00	ψο	Ψ00.72	ψ.σ	Ψ20.0 .	\$151.54								
8 COG 2	\$0.9551	Ψ101.04	\$266.22					\$266.22								
9 COG 3	\$0.9551		Ψ200.22	\$352.32				\$352.32								
10 COG 4	\$0.9551			Ψ002.02	\$397.95			\$397.95								
11 COG 5	\$0.9551				ψυσ1.συ	\$292.39		\$292.39								
12 COG 6	\$0.9551					Ψ <b>2</b> 32.33	\$199.89	\$199.89								
13 LDAC	\$0.0360	\$5.71	\$10.03	\$13.28	\$15.00	\$11.02	\$7.53	\$62.58								
	ψ0.0300	Ψ3.71	ψ10.00	ψ10.20	ψ10.00	Ψ11.02	ψ1.55	Ψ02.30								
	. 75.00								A 75.00	A75 00	A75.00	A75 00	0 75.00	<b>475.00</b>	0.450.54	
15 Customer Charge units @	\$ 75.09								\$ 75.09	\$75.09	\$75.09		\$ 75.09	\$75.09	\$450.54	
16 First 75 units @	\$0.1865								\$13.99	\$7.90	\$4.41	\$3.75	\$5.85	\$8.27	\$44.17	
17 Over 75 units @	\$0.1865								\$8.70	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$8.70	
18 COG 1	\$0.4554								\$55.40	040.00					\$55.40	
19 COG 2	\$0.4554									\$19.28	<b>040 77</b>				\$19.28	
20 COG 3	\$0.4554										\$10.77	00.45			\$10.77	
21 COG 4	\$0.4554											\$9.15	044.00		\$9.15	
22 COG 5	\$0.4554												\$14.29		\$14.29	
23 COG 6	\$0.4554													\$20.20	\$20.20	
24 Summer Period Weighted Avg. COG	\$0.4554															
25 LDAC	\$ 0.0360								\$4.38	\$1.52	\$0.85	\$0.72	\$1.13	\$1.60	\$10.21	
26	TOTAL	\$261.93	\$403.32	\$509.49	\$565.74	\$435.59	\$321.55	\$2,497.63	\$157.55	\$103.80	\$91.13	\$88.71	\$96.37	\$105.16	\$642.72	\$3,140.35
Base Rate Change Winter	\$ Change	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00								
Dase Nate Change Willtel	- 1															
	% Change	0%	0%	0%	0%	0%	0%	0%								
COG Change Winter	\$ Change	\$33.54	\$58.92	\$77.98	\$88.08	\$64.72	\$44.24	\$367.49								
	% Change	15%	17%	18%	18%	17%	16%	17%								
LDAC Change Winter	\$ Change	-\$1.78	-\$3.12	-\$4.13	-\$4.67	-\$3,43	-\$2.34	040.47								
	Ψ Change	-φ1.70	-φJ.12	-φ <del>4</del> .13	-ψ4.07	-φJ.4J	-\$2.34	-\$19.47								
		-0.8%	-0.9%	-0.9%	-1.0%	-0.9%	-\$2.34 -0.8%	-\$19.47 -0.9%								
	% Change															
Ü		-0.8%	-0.9%	-0.9%	-1.0%	-0.9%	-0.8%	-0.9%	May	luno	lulv	August	Sont	Octobor	Summer	Annual
27		-0.8% Nov	-0.9% Dec	-0.9% Jan	-1.0% Feb	-0.9% Mar	-0.8% Apr	-0.9% Winter	May	June	July	August	Sept		Summer	Annual
27 28 Typical Usage: therms		-0.8%	-0.9%	-0.9%	-1.0%	-0.9%	-0.8%	-0.9%	<b>May</b> 122	June 42	July 24	August 20	Sept 31	October 44	Summer 283	<b>Annual</b> 2,022
27 28 Typical Usage: therms 29 <b>Winter 2020 - 2021</b>	% Change	-0.8% Nov 159	-0.9% Dec 279	-0.9% Jan 369	-1.0% Feb 417	-0.9% Mar 306	-0.8% Apr 209	-0.9% Winter 1,738								
27 28	% Change \$ 75.09	-0.8% Nov 159 \$75.09	-0.9%  Dec 279  \$75.09	-0.9% Jan 369 \$75.09	-1.0% Feb 417 \$75.09	-0.9% Mar 306 \$75.09	-0.8% Apr 209 \$75.09	-0.9% Winter 1,738 \$450.54								
27 28	% Change \$ 75.09 \$0.1865	-0.8% Nov 159 \$75.09 \$13.99	-0.9%  Dec 279  \$75.09 \$13.99	-0.9% Jan 369 \$75.09 \$13.99	-1.0% Feb 417 \$75.09 \$13.99	-0.9% Mar 306 \$75.09 \$13.99	-0.8% Apr 209 \$75.09 \$13.99	-0.9% Winter 1,738 \$450.54 \$83.93								
27 28 Typical Usage: therms 29 Winter 2020 - 2021 30 Customer Charge units @ 31 First 75 units @ 32 Over 75 units @	% Change \$ 75.09 \$0.1865 \$0.1865	-0.8%  Nov 159  \$75.09 \$13.99 \$15.60	-0.9%  Dec 279  \$75.09	-0.9% Jan 369 \$75.09	-1.0% Feb 417 \$75.09	-0.9% Mar 306 \$75.09	-0.8% Apr 209 \$75.09	-0.9% Winter 1,738 \$450.54 \$83.93 \$240.28								
27 28	\$ 75.09 \$0.1865 \$0.1865 \$0.7437	-0.8% Nov 159 \$75.09 \$13.99	-0.9%  Dec 279  \$75.09 \$13.99 \$38.00	-0.9% Jan 369 \$75.09 \$13.99	-1.0% Feb 417 \$75.09 \$13.99	-0.9% Mar 306 \$75.09 \$13.99	-0.8% Apr 209 \$75.09 \$13.99	-0.9%  Winter 1,738  \$450.54 \$83.93 \$240.28 \$118.00								
27 28	\$ 75.09 \$0.1865 \$0.1865 \$0.7437 \$0.7437	-0.8%  Nov 159  \$75.09 \$13.99 \$15.60	-0.9%  Dec 279  \$75.09 \$13.99	-0.9%  Jan 369  \$75.09 \$13.99 \$54.81	-1.0% Feb 417 \$75.09 \$13.99	-0.9% Mar 306 \$75.09 \$13.99	-0.8% Apr 209 \$75.09 \$13.99	-0.9%  Winter 1,738  \$450.54 \$83.93 \$240.28 \$118.00 \$207.29								
27 28	\$ 75.09 \$0.1865 \$0.1865 \$0.7437 \$0.7437	-0.8%  Nov 159  \$75.09 \$13.99 \$15.60	-0.9%  Dec 279  \$75.09 \$13.99 \$38.00	-0.9% Jan 369 \$75.09 \$13.99	-1.0%  Feb 417  \$75.09 \$13.99 \$63.72	-0.9% Mar 306 \$75.09 \$13.99	-0.8% Apr 209 \$75.09 \$13.99	-0.9% Winter 1,738 \$450.54 \$83.93 \$240.28 \$118.00 \$207.29 \$274.34								
27 28	\$ 75.09 \$0.1865 \$0.1865 \$0.7437 \$0.7437 \$0.7437 \$0.7437	-0.8%  Nov 159  \$75.09 \$13.99 \$15.60	-0.9%  Dec 279  \$75.09 \$13.99 \$38.00	-0.9%  Jan 369  \$75.09 \$13.99 \$54.81	-1.0% Feb 417 \$75.09 \$13.99	-0.9%  Mar 306  \$75.09 \$13.99 \$43.11	-0.8% Apr 209 \$75.09 \$13.99	-0.9% Winter 1,738 \$450.54 \$83.93 \$240.28 \$118.00 \$207.29 \$274.34 \$309.87								
27 28	\$ 75.09 \$0.1865 \$0.7437 \$0.7437 \$0.7437 \$0.7437 \$0.7437	-0.8%  Nov 159  \$75.09 \$13.99 \$15.60	-0.9%  Dec 279  \$75.09 \$13.99 \$38.00	-0.9%  Jan 369  \$75.09 \$13.99 \$54.81	-1.0%  Feb 417  \$75.09 \$13.99 \$63.72	-0.9% Mar 306 \$75.09 \$13.99	-0.8% Apr 209 \$75.09 \$13.99 \$25.04	Winter 1,738 \$450.54 \$83.93 \$240.28 \$118.00 \$207.29 \$274.34 \$309.87 \$227.67								
27 28	\$ 75.09 \$0.1865 \$0.1865 \$0.7437 \$0.7437 \$0.7437 \$0.7437 \$0.7437 \$0.7437	-0.8%  Nov 159  \$75.09 \$13.99 \$15.60	-0.9%  Dec 279  \$75.09 \$13.99 \$38.00	-0.9%  Jan 369  \$75.09 \$13.99 \$54.81	-1.0%  Feb 417  \$75.09 \$13.99 \$63.72	-0.9%  Mar 306  \$75.09 \$13.99 \$43.11	-0.8% Apr 209 \$75.09 \$13.99	-0.9% Winter 1,738 \$450.54 \$83.93 \$240.28 \$118.00 \$207.29 \$274.34 \$309.87								
27 28	\$ 75.09 \$0.1865 \$0.1865 \$0.7437 \$0.7437 \$0.7437 \$0.7437 \$0.7437 \$0.7437	-0.8%  Nov 159 \$75.09 \$13.99 \$15.60 \$118.00	-0.9%  Dec 279  \$75.09  \$13.99  \$38.00  \$207.29	Jan 369 \$75.09 \$13.99 \$54.81 \$274.34	-1.0%  Feb 417  \$75.09 \$13.99 \$63.72	-0.9%  Mar 306  \$75.09 \$13.99 \$43.11	Apr 209 \$75.09 \$13.99 \$25.04	-0.9%  Winter 1,738  \$450.54 \$83.93 \$240.28 \$118.00 \$207.29 \$274.34 \$309.87 \$227.67 \$155.65								
27 28	\$ 75.09 \$0.1865 \$0.1865 \$0.7437 \$0.7437 \$0.7437 \$0.7437 \$0.7437 \$0.7437	-0.8%  Nov 159  \$75.09 \$13.99 \$15.60	-0.9%  Dec 279  \$75.09 \$13.99 \$38.00	-0.9%  Jan 369  \$75.09 \$13.99 \$54.81	-1.0%  Feb 417  \$75.09 \$13.99 \$63.72	-0.9%  Mar 306  \$75.09 \$13.99 \$43.11	-0.8% Apr 209 \$75.09 \$13.99 \$25.04	Winter 1,738 \$450.54 \$83.93 \$240.28 \$118.00 \$207.29 \$274.34 \$309.87 \$227.67								
27 28	\$ 75.09 \$0.1865 \$0.1865 \$0.7437 \$0.7437 \$0.7437 \$0.7437 \$0.7437 \$0.7437 \$0.7437 \$0.0472	-0.8%  Nov 159 \$75.09 \$13.99 \$15.60 \$118.00	-0.9%  Dec 279  \$75.09  \$13.99  \$38.00  \$207.29	Jan 369 \$75.09 \$13.99 \$54.81 \$274.34	-1.0%  Feb 417  \$75.09 \$13.99 \$63.72	-0.9%  Mar 306  \$75.09 \$13.99 \$43.11	Apr 209 \$75.09 \$13.99 \$25.04	-0.9%  Winter 1,738  \$450.54 \$83.93 \$240.28 \$118.00 \$207.29 \$274.34 \$309.87 \$227.67 \$155.65	122	42	24	20	31	44	283	
27 28	\$ 75.09 \$0.1865 \$0.1865 \$0.7437 \$0.7437 \$0.7437 \$0.7437 \$0.7437 \$0.7437 \$0.7437 \$0.0472 \$75.09	-0.8%  Nov 159 \$75.09 \$13.99 \$15.60 \$118.00	-0.9%  Dec 279  \$75.09  \$13.99  \$38.00  \$207.29	Jan 369 \$75.09 \$13.99 \$54.81 \$274.34	-1.0%  Feb 417  \$75.09 \$13.99 \$63.72	-0.9%  Mar 306  \$75.09 \$13.99 \$43.11	Apr 209 \$75.09 \$13.99 \$25.04	-0.9%  Winter 1,738  \$450.54 \$83.93 \$240.28 \$118.00 \$207.29 \$274.34 \$309.87 \$227.67 \$155.65	122	42 \$75.09	24	20	31 \$75.09	\$75.09	283 \$450.54	
27 28	\$ 75.09 \$0.1865 \$0.1865 \$0.1865 \$0.7437 \$0.7437 \$0.7437 \$0.7437 \$0.7437 \$0.0472 \$75.09 \$0.1865	-0.8%  Nov 159 \$75.09 \$13.99 \$15.60 \$118.00	-0.9%  Dec 279  \$75.09  \$13.99  \$38.00  \$207.29	Jan 369 \$75.09 \$13.99 \$54.81 \$274.34	-1.0%  Feb 417  \$75.09 \$13.99 \$63.72	-0.9%  Mar 306  \$75.09 \$13.99 \$43.11	Apr 209 \$75.09 \$13.99 \$25.04	-0.9%  Winter 1,738  \$450.54 \$83.93 \$240.28 \$118.00 \$207.29 \$274.34 \$309.87 \$227.67 \$155.65	122 \$75.09 \$13.99	\$75.09 \$7.90	24 \$75.09 \$4.41	\$75.09 \$3.75	\$75.09 \$5.85	\$75.09 \$8.27	283 \$450.54 \$44.17	
27 28	\$ 75.09 \$0.1865 \$0.7437 \$0.7437 \$0.7437 \$0.7437 \$0.7437 \$0.7437 \$0.7437 \$0.0472 \$75.09 \$0.1865 \$0.1865	-0.8%  Nov 159 \$75.09 \$13.99 \$15.60 \$118.00	-0.9%  Dec 279  \$75.09  \$13.99  \$38.00  \$207.29	Jan 369 \$75.09 \$13.99 \$54.81 \$274.34	-1.0%  Feb 417  \$75.09 \$13.99 \$63.72	-0.9%  Mar 306  \$75.09 \$13.99 \$43.11	Apr 209 \$75.09 \$13.99 \$25.04	-0.9%  Winter 1,738  \$450.54 \$83.93 \$240.28 \$118.00 \$207.29 \$274.34 \$309.87 \$227.67 \$155.65	\$75.09 \$13.99 \$8.70	42 \$75.09	24	20	31 \$75.09	\$75.09	\$450.54 \$44.17 \$8.70	
27 28	\$ 75.09 \$0.1865 \$0.1865 \$0.7437 \$0.7437 \$0.7437 \$0.7437 \$0.7437 \$0.7437 \$0.0472 \$75.09 \$0.1865 \$0.1865 \$0.5291	-0.8%  Nov 159 \$75.09 \$13.99 \$15.60 \$118.00	-0.9%  Dec 279  \$75.09  \$13.99  \$38.00  \$207.29	Jan 369 \$75.09 \$13.99 \$54.81 \$274.34	-1.0%  Feb 417  \$75.09 \$13.99 \$63.72	-0.9%  Mar 306  \$75.09 \$13.99 \$43.11	Apr 209 \$75.09 \$13.99 \$25.04	-0.9%  Winter 1,738  \$450.54 \$83.93 \$240.28 \$118.00 \$207.29 \$274.34 \$309.87 \$227.67 \$155.65	122 \$75.09 \$13.99	\$75.09 \$7.90 \$0.00	24 \$75.09 \$4.41	\$75.09 \$3.75	\$75.09 \$5.85	\$75.09 \$8.27	\$450.54 \$44.17 \$8.70 \$64.36	
27 28	\$ 75.09 \$0.1865 \$0.1865 \$0.7437 \$0.7437 \$0.7437 \$0.7437 \$0.7437 \$0.0472 \$ 75.09 \$0.1865 \$0.1865 \$0.5291 \$0.5291	-0.8%  Nov 159 \$75.09 \$13.99 \$15.60 \$118.00	-0.9%  Dec 279  \$75.09  \$13.99  \$38.00  \$207.29	Jan 369 \$75.09 \$13.99 \$54.81 \$274.34	-1.0%  Feb 417  \$75.09 \$13.99 \$63.72	-0.9%  Mar 306  \$75.09 \$13.99 \$43.11	Apr 209 \$75.09 \$13.99 \$25.04	-0.9%  Winter 1,738  \$450.54 \$83.93 \$240.28 \$118.00 \$207.29 \$274.34 \$309.87 \$227.67 \$155.65	\$75.09 \$13.99 \$8.70	\$75.09 \$7.90	\$75.09 \$4.41 \$0.00	\$75.09 \$3.75	\$75.09 \$5.85	\$75.09 \$8.27	\$450.54 \$44.17 \$8.70 \$64.36 \$22.41	
27 28	\$ 75.09 \$0.1865 \$0.1865 \$0.7437 \$0.7437 \$0.7437 \$0.7437 \$0.7437 \$0.7437 \$0.0472 \$75.09 \$0.1865 \$0.1865 \$0.5291 \$0.5291 \$0.5291	-0.8%  Nov 159 \$75.09 \$13.99 \$15.60 \$118.00	-0.9%  Dec 279  \$75.09  \$13.99  \$38.00  \$207.29	Jan 369 \$75.09 \$13.99 \$54.81 \$274.34	-1.0%  Feb 417  \$75.09 \$13.99 \$63.72	-0.9%  Mar 306  \$75.09 \$13.99 \$43.11	Apr 209 \$75.09 \$13.99 \$25.04	-0.9%  Winter 1,738  \$450.54 \$83.93 \$240.28 \$118.00 \$207.29 \$274.34 \$309.87 \$227.67 \$155.65	\$75.09 \$13.99 \$8.70	\$75.09 \$7.90 \$0.00	24 \$75.09 \$4.41	\$75.09 \$3.75 \$0.00	\$75.09 \$5.85	\$75.09 \$8.27	\$450.54 \$44.17 \$8.70 \$64.36 \$22.41 \$12.52	
27 28	\$ 75.09 \$0.1865 \$0.7437 \$0.7437 \$0.7437 \$0.7437 \$0.7437 \$0.7437 \$0.0472 \$75.09 \$0.1865 \$0.5291 \$0.5291 \$0.5291 \$0.5291	-0.8%  Nov 159 \$75.09 \$13.99 \$15.60 \$118.00	-0.9%  Dec 279  \$75.09  \$13.99  \$38.00  \$207.29	Jan 369 \$75.09 \$13.99 \$54.81 \$274.34	-1.0%  Feb 417  \$75.09 \$13.99 \$63.72	-0.9%  Mar 306  \$75.09 \$13.99 \$43.11	Apr 209 \$75.09 \$13.99 \$25.04	-0.9%  Winter 1,738  \$450.54 \$83.93 \$240.28 \$118.00 \$207.29 \$274.34 \$309.87 \$227.67 \$155.65	\$75.09 \$13.99 \$8.70	\$75.09 \$7.90 \$0.00	\$75.09 \$4.41 \$0.00	\$75.09 \$3.75	\$75.09 \$5.85 \$0.00	\$75.09 \$8.27	\$450.54 \$44.17 \$8.70 \$64.36 \$22.41 \$12.52 \$10.63	
27 28	\$ 75.09 \$0.1865 \$0.1865 \$0.7437 \$0.7437 \$0.7437 \$0.7437 \$0.7437 \$0.7437 \$0.0472 \$ 75.09 \$0.1865 \$0.1865 \$0.5291 \$0.5291 \$0.5291 \$0.5291 \$0.5291 \$0.5291	-0.8%  Nov 159 \$75.09 \$13.99 \$15.60 \$118.00	-0.9%  Dec 279  \$75.09  \$13.99  \$38.00  \$207.29	Jan 369 \$75.09 \$13.99 \$54.81 \$274.34	-1.0%  Feb 417  \$75.09 \$13.99 \$63.72	-0.9%  Mar 306  \$75.09 \$13.99 \$43.11	Apr 209 \$75.09 \$13.99 \$25.04	-0.9%  Winter 1,738  \$450.54 \$83.93 \$240.28 \$118.00 \$207.29 \$274.34 \$309.87 \$227.67 \$155.65	\$75.09 \$13.99 \$8.70	\$75.09 \$7.90 \$0.00	\$75.09 \$4.41 \$0.00	\$75.09 \$3.75 \$0.00	\$75.09 \$5.85	\$75.09 \$8.27	\$450.54 \$44.17 \$8.70 \$64.36 \$22.41 \$12.52	
27 28	\$ 75.09 \$0.1865 \$0.1865 \$0.7437 \$0.7437 \$0.7437 \$0.7437 \$0.7437 \$0.7437 \$0.0472 \$ 75.09 \$0.1865 \$0.1865 \$0.1865 \$0.5291 \$0.5291 \$0.5291 \$0.5291 \$0.5291 \$0.5291 \$0.5291	-0.8%  Nov 159 \$75.09 \$13.99 \$15.60 \$118.00	-0.9%  Dec 279  \$75.09  \$13.99  \$38.00  \$207.29	Jan 369 \$75.09 \$13.99 \$54.81 \$274.34	-1.0%  Feb 417  \$75.09 \$13.99 \$63.72	-0.9%  Mar 306  \$75.09 \$13.99 \$43.11	Apr 209 \$75.09 \$13.99 \$25.04	-0.9%  Winter 1,738  \$450.54 \$83.93 \$240.28 \$118.00 \$207.29 \$274.34 \$309.87 \$227.67 \$155.65	\$75.09 \$13.99 \$8.70	\$75.09 \$7.90 \$0.00	\$75.09 \$4.41 \$0.00	\$75.09 \$3.75 \$0.00	\$75.09 \$5.85 \$0.00	\$75.09 \$8.27	\$450.54 \$44.17 \$8.70 \$64.36 \$22.41 \$12.52 \$10.63	
27 28	\$ 75.09 \$0.1865 \$0.1865 \$0.7437 \$0.7437 \$0.7437 \$0.7437 \$0.7437 \$0.7437 \$0.0472 \$ 75.09 \$0.1865 \$0.1865 \$0.5291 \$0.5291 \$0.5291 \$0.5291 \$0.5291 \$0.5291 \$0.5291 \$0.5291 \$0.5291 \$0.5291 \$0.5291 \$0.5291 \$0.5291 \$0.5291 \$0.5291	-0.8%  Nov 159 \$75.09 \$13.99 \$15.60 \$118.00	-0.9%  Dec 279  \$75.09  \$13.99  \$38.00  \$207.29	Jan 369 \$75.09 \$13.99 \$54.81 \$274.34	-1.0%  Feb 417  \$75.09 \$13.99 \$63.72	-0.9%  Mar 306  \$75.09 \$13.99 \$43.11	Apr 209 \$75.09 \$13.99 \$25.04	-0.9%  Winter 1,738  \$450.54 \$83.93 \$240.28 \$118.00 \$207.29 \$274.34 \$309.87 \$227.67 \$155.65	\$75.09 \$13.99 \$8.70 \$64.36	\$75.09 \$7.90 \$0.00 \$22.41	\$75.09 \$4.41 \$0.00 \$12.52	\$75.09 \$3.75 \$0.00	\$75.09 \$5.85 \$0.00	\$75.09 \$8.27 \$0.00	\$450.54 \$44.17 \$8.70 \$64.36 \$22.41 \$12.52 \$10.63 \$16.61 \$23.47	
27 28	\$ 75.09 \$0.1865 \$0.1865 \$0.7437 \$0.7437 \$0.7437 \$0.7437 \$0.7437 \$0.7437 \$0.0472 \$ 75.09 \$0.1865 \$0.1865 \$0.1865 \$0.5291 \$0.5291 \$0.5291 \$0.5291 \$0.5291 \$0.5291 \$0.5291	-0.8%  Nov 159 \$75.09 \$13.99 \$15.60 \$118.00	-0.9%  Dec 279  \$75.09  \$13.99  \$38.00  \$207.29	Jan 369 \$75.09 \$13.99 \$54.81 \$274.34	-1.0%  Feb 417  \$75.09 \$13.99 \$63.72	-0.9%  Mar 306  \$75.09 \$13.99 \$43.11	Apr 209 \$75.09 \$13.99 \$25.04	-0.9%  Winter 1,738  \$450.54 \$83.93 \$240.28 \$118.00 \$207.29 \$274.34 \$309.87 \$227.67 \$155.65	\$75.09 \$13.99 \$8.70	\$75.09 \$7.90 \$0.00	\$75.09 \$4.41 \$0.00	\$75.09 \$3.75 \$0.00	\$75.09 \$5.85 \$0.00	\$75.09 \$8.27 \$0.00	\$450.54 \$44.17 \$8.70 \$64.36 \$22.41 \$12.52 \$10.63 \$16.61	
27 28	\$ 75.09 \$0.1865 \$0.1865 \$0.1865 \$0.7437 \$0.7437 \$0.7437 \$0.7437 \$0.7437 \$0.7437 \$0.0472 \$ 75.09 \$0.1865 \$0.1865 \$0.5291	-0.8%  Nov 159 \$75.09 \$13.99 \$15.60 \$118.00	-0.9%  Dec 279  \$75.09 \$13.99 \$38.00  \$207.29	-0.9%  Jan 369 \$75.09 \$13.99 \$54.81  \$274.34	-1.0% Feb 417 \$75.09 \$13.99 \$63.72 \$309.87	-0.9%  Mar 306 \$75.09 \$13.99 \$43.11  \$227.67	**Apr 209	-0.9%  Winter 1,738 \$450.54 \$83.93 \$240.28 \$118.00 \$207.29 \$274.34 \$309.87 \$227.67 \$155.65	\$75.09 \$13.99 \$8.70 \$64.36	\$75.09 \$7.90 \$0.00 \$22.41	\$75.09 \$4.41 \$0.00 \$12.52	\$75.09 \$3.75 \$0.00 \$10.63	\$75.09 \$5.85 \$0.00	\$75.09 \$8.27 \$0.00 \$23.47 \$2.09	\$450.54 \$44.17 \$8.70 \$64.36 \$22.41 \$12.52 \$10.63 \$16.61 \$23.47 \$13.38	2,022
27 28	\$ 75.09 \$0.1865 \$0.1865 \$0.7437 \$0.7437 \$0.7437 \$0.7437 \$0.7437 \$0.7437 \$0.0472 \$ 75.09 \$0.1865 \$0.1865 \$0.5291 \$0.5291 \$0.5291 \$0.5291 \$0.5291 \$0.5291 \$0.5291 \$0.5291 \$0.5291 \$0.5291 \$0.5291 \$0.5291 \$0.5291 \$0.5291	-0.8%  Nov 159 \$75.09 \$13.99 \$15.60 \$118.00	-0.9%  Dec 279  \$75.09 \$13.99 \$38.00  \$207.29  \$13.16	-0.9%  Jan 369 \$75.09 \$13.99 \$54.81  \$274.34	-1.0%  Feb 417 \$75.09 \$13.99 \$63.72  \$309.87  \$19.67	-0.9%  Mar 306 \$75.09 \$13.99 \$43.11  \$227.67 \$14.45	**************************************	-0.9% Winter 1,738 \$450.54 \$83.93 \$240.28 \$118.00 \$207.29 \$274.34 \$309.87 \$227.67 \$155.65 \$82.05	\$75.09 \$13.99 \$8.70 \$64.36 \$5.74	\$75.09 \$7.90 \$0.00 \$22.41 \$2.00	\$75.09 \$4.41 \$0.00 \$12.52 \$1.12 \$93.14	\$75.09 \$3.75 \$0.00 \$10.63 \$0.95	\$75.09 \$5.85 \$0.00 \$16.61 \$1.48 \$99.03	\$75.09 \$8.27 \$0.00 \$23.47 \$2.09	\$450.54 \$44.17 \$8.70 \$64.36 \$22.41 \$12.52 \$10.63 \$16.61 \$23.47 \$13.38	2,022
27 28	\$ 75.09 \$0.1865 \$0.1865 \$0.1865 \$0.7437 \$0.7437 \$0.7437 \$0.7437 \$0.7437 \$0.7437 \$0.0472 \$ 75.09 \$0.1865 \$0.1865 \$0.5291	-0.8%  Nov 159 \$75.09 \$13.99 \$15.60 \$118.00  \$7.49	-0.9%  Dec 279  \$75.09 \$13.99 \$38.00  \$207.29  \$13.16	-0.9%  Jan 369 \$75.09 \$13.99 \$54.81  \$274.34	-1.0% Feb 417 \$75.09 \$13.99 \$63.72 \$309.87	-0.9%  Mar 306 \$75.09 \$13.99 \$43.11  \$227.67	**Apr 209	-0.9%  Winter 1,738 \$450.54 \$83.93 \$240.28 \$118.00 \$207.29 \$274.34 \$309.87 \$227.67 \$155.65	\$75.09 \$13.99 \$8.70 \$64.36	\$75.09 \$7.90 \$0.00 \$22.41	\$75.09 \$4.41 \$0.00 \$12.52	\$75.09 \$3.75 \$0.00 \$10.63	\$75.09 \$5.85 \$0.00	\$75.09 \$8.27 \$0.00 \$23.47 \$2.09	\$450.54 \$44.17 \$8.70 \$64.36 \$22.41 \$12.52 \$10.63 \$16.61 \$23.47 \$13.38	2,022

<sup>\*-</sup>Note- Weighted by usage. Actual Weather Normalized.

#### Northern Utilities, Inc. New Hampshire Division Attachment NUI-SED-3 Page 3 of 10

## NORTHERN UTILITIES, INC. - NEW HAMPSHIRE DIVISION

Typical G-41 Commercial & Industrial Bill - 20,679 therms/year Comparison of Winter 2021-2022 vs. Winter 2020-2021

					Companie		1161 2021-	LULL VS. I	Williter 202	.0-2021							
1			Nov	Dec	Jan	Feb	Mar	Apr	Winter	May	June	July	August	Sept	October	Summer	Annual
2	Typical Usage: therms	(*)	1,723	2,769	3,576	3,921	3,003	2,178	17,170	1,273	552	360	210	438	676	3,509	20,679
3	Winter 2021 - 2022																
4 Customer Charge	units @	\$ 222.64	\$222.64	\$222.64	\$222.64	\$222.64	\$222.64	\$222.64	\$1,335.84								
5 All	units @	\$0.2425	\$417.80	\$671.60	\$867.07	\$950.83	\$728.20	\$528.26	\$4,163.76								
6	COG 1	\$0.9551	\$1,645.53		• • • • •				\$1,645.53								
7	COG 2	\$0.9551	* .,	\$2,645.12					\$2,645.12								
8	COG 3	\$0.9551		ψ2,010.12	\$3,415.01				\$3,415.01								
9	COG 4	\$0.9551			ψο, σ.σ .	\$3,744.89			\$3,744.89								
10	COG 5	\$0.9551				ψ5,744.05	\$2,868.07		\$2,868.07								
11	COG 6	\$0.9551					Ψ2,000.07	\$2,080.58	\$2,080.58								
12	LDAC	\$0.0360	\$62.02	\$99.70	\$128.72	\$141.15	\$108.10	\$78.42	\$618.13								
		φυ.υσου	\$02.02	φ99.70	φ120.72	\$141.15	\$100.10	\$70.42	φυ 10.13								
13	Summer 2022																
14 Customer Charge	units @	\$ 222.64								\$ 222.64	\$222.64	\$222.64		\$ 222.64		\$1,335.84	
15 All	units @	\$0.1895								\$241.20	\$104.63	\$68.21	\$39.75	\$83.08	\$128.04	\$664.90	
16	COG 1	\$0.4554								\$579.63						\$579.63	
17	COG 2	\$0.4554									\$251.43					\$251.43	
18	COG 3	\$0.4554										\$163.93				\$163.93	
19	COG 4	\$0.4554											\$95.52			\$95.52	
20	COG 5	\$0.4554												\$199.65		\$199.65	
21	COG 6	\$0.4554													\$307.70	\$307.70	
22 Summer Period	od Weighted Avg. COG	\$0.4554															
23	LDAC	\$ 0.0360								\$45.82	\$19.88	\$12.96	\$7.55	\$15.78	\$24.32	\$126.31	
24		TOTAL	\$2,347,99	\$3,639.06	\$4,633.44	\$5.059.51	\$3,927.02	\$2,909.91	\$22,516.94	\$1,089.29	\$598.57	\$467.74	\$365.46	\$521.15	\$682.71	\$3,724,92	\$26,241.86
										, ,							, ,,
Base Rate Change	Winter	\$ Change	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00								
		% Change	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%								
COG Change Winte	er	\$ Change	\$364.22	\$1,025.81	\$1,324.38	\$1,452.32	\$1,112.28	\$806.88	\$6,085.88								
-		% Change	18.18%	38.79%	39.54%	39.78%	39.05%	37.93%	36.61%								
LDAC Change Wint	ter	\$ Change	-\$19.30	-\$31.02	-\$40.05	-\$43.91	-\$33.63	-\$24.40	-\$192.31								
		_															
		% Change	-0.963%	-1.173%	-1.196%	-1.203%	-1.181%	-1.147%	-1.16%								
		_	-0.963%	-1.173%	-1.196%	-1.203%	-1.181%	-1.147%	-1.16%								
25		_	-0.963% Nov	-1.173% Dec	-1.196% Jan	-1.203% Feb	-1.181% Mar	-1.147% Apr	-1.16% Winter	Мау	June	July	August	Sept	October	Summer	
25 26	Typical Usage: therms	_	-0.963%	-1.173%	-1.196%	-1.203%	-1.181%	-1.147%	-1.16%	<b>May</b> 1,273	June 552	<b>July</b> 360	August 210	<b>Sept</b> 438	October 676	<b>Summer</b> 3,509	
25 26		_	-0.963% Nov	-1.173% Dec	-1.196% Jan	-1.203% Feb	-1.181% Mar	-1.147% Apr	-1.16% Winter	•				•			
25 26	Typical Usage: therms	_	-0.963% Nov	-1.173% Dec	-1.196% Jan	-1.203% Feb	-1.181% Mar	-1.147% Apr	-1.16% Winter	•				•			
25 26 27	Typical Usage: therms Winter 2020 - 2021	% Change	-0.963% Nov 1,723	-1.173% Dec 2,769	-1.196% Jan 3,576	-1.203% Feb 3,921	-1.181% Mar 3,003	-1.147% Apr 2,178	-1.16% Winter 17,170	•				•			
25 26 27 28 Customer Charge	Typical Usage: therms <b>Winter 2020 - 2021</b> units @	% Change	-0.963% Nov 1,723 \$222.64	-1.173%  Dec 2,769  \$222.64	-1.196% Jan 3,576 \$222.64	-1.203% Feb 3,921 \$222.64	-1.181% Mar 3,003 \$222.64	-1.147% Apr 2,178 \$222.64	-1.16% Winter 17,170 \$1,335.84	•				•			
25 26 27 28 Customer Charge 29 All	Typical Usage: therms <b>Winter 2020 - 2021</b> units @ units @	% Change \$ 222.64 \$0.2425	-0.963% Nov 1,723 \$222.64 \$417.80	-1.173%  Dec 2,769  \$222.64	-1.196% Jan 3,576 \$222.64	-1.203% Feb 3,921 \$222.64	-1.181% Mar 3,003 \$222.64	-1.147% Apr 2,178 \$222.64	-1.16% Winter 17,170 \$1,335.84 \$4,163.76	•				•			
25 26 27 28 Customer Charge 29 All 30	Typical Usage: therms Winter 2020 - 2021 units @ units @ COG 1	% Change \$ 222.64 \$0.2425 \$0.7437	-0.963% Nov 1,723 \$222.64 \$417.80	-1.173%  Dec 2,769  \$222.64 \$671.60	-1.196% Jan 3,576 \$222.64	-1.203% Feb 3,921 \$222.64	-1.181% Mar 3,003 \$222.64	-1.147% Apr 2,178 \$222.64	-1.16% Winter 17,170 \$1,335.84 \$4,163.76 \$1,281.31	•				•			
25 26 27 28 Customer Charge 29 All 30 31	Typical Usage: therms Winter 2020 - 2021 units @ units @ COG 1 COG 2	% Change \$ 222.64 \$0.2425 \$0.7437 \$0.5847	-0.963% Nov 1,723 \$222.64 \$417.80	-1.173%  Dec 2,769  \$222.64 \$671.60	-1.196% Jan 3,576 \$222.64 \$867.07	-1.203% Feb 3,921 \$222.64	-1.181% Mar 3,003 \$222.64	-1.147% Apr 2,178 \$222.64	-1.16%  Winter 17,170  \$1,335.84 \$4,163.76 \$1,281.31 \$1,619.31	•				•			
25 26 27 28 Customer Charge 29 All 30 31 32	Typical Usage: therms Winter 2020 - 2021 units @ units @ COG 1 COG 2 COG 3	\$ 222.64 \$0.2425 \$0.7437 \$0.5847	-0.963% Nov 1,723 \$222.64 \$417.80	-1.173%  Dec 2,769  \$222.64 \$671.60	-1.196% Jan 3,576 \$222.64 \$867.07	-1.203%  Feb 3,921  \$222.64 \$950.83	-1.181% Mar 3,003 \$222.64	-1.147% Apr 2,178 \$222.64	-1.16% Winter 17,170 \$1,335.84 \$4,163.76 \$1,281.31 \$1,619.31 \$2,090.63	•				•			
25 26 27 28 Customer Charge 29 All 30 31 32 33	Typical Usage: therms Winter 2020 - 2021 units @ units @ COG 1 COG 2 COG 3 COG 4	% Change \$ 222.64 \$0.2425 \$0.7437 \$0.5847 \$0.5847	-0.963% Nov 1,723 \$222.64 \$417.80	-1.173%  Dec 2,769  \$222.64 \$671.60	-1.196% Jan 3,576 \$222.64 \$867.07	-1.203%  Feb 3,921  \$222.64 \$950.83	-1.181%  Mar 3,003  \$222.64 \$728.20	-1.147% Apr 2,178 \$222.64	-1.16% Winter 17,170 \$1,335.84 \$4,163.76 \$1,281.31 \$1,619.31 \$2,090.63 \$2,292.57	•				•			
25 26 27 28 Customer Charge 29 All 30 31 32 33 34 35	Typical Usage: therms Winter 2020 - 2021 units @ units @ COG 1 COG 2 COG 3 COG 4 COG 5	% Change \$ 222.64 \$0.2425 \$0.7437 \$0.5847 \$0.5847 \$0.5847	-0.963% Nov 1,723 \$222.64 \$417.80	-1.173%  Dec 2,769  \$222.64 \$671.60	-1.196% Jan 3,576 \$222.64 \$867.07	-1.203%  Feb 3,921  \$222.64 \$950.83	-1.181%  Mar 3,003  \$222.64 \$728.20	-1.147%  Apr 2,178  \$222.64 \$528.26	-1.16% Winter 17,170 \$1,335.84 \$4,163.76 \$1,281.31 \$1,619.31 \$2,090.63 \$2,292.57 \$1,755.80	•				•			
25 26 27 28 Customer Charge 29 All 30 31 32 33 34 35	Typical Usage: therms Winter 2020 - 2021 units @ COG 1 COG 2 COG 3 COG 4 COG 5 COG 6	% Change \$ 222.64 \$0.2425 \$0.7437 \$0.5847 \$0.5847 \$0.5847 \$0.5847	-0.963% Nov 1,723 \$222.64 \$417.80	-1.173%  Dec 2,769  \$222.64 \$671.60	-1.196% Jan 3,576 \$222.64 \$867.07	-1.203%  Feb 3,921  \$222.64 \$950.83	-1.181%  Mar 3,003  \$222.64 \$728.20	-1.147%  Apr 2,178  \$222.64 \$528.26	-1.16% Winter 17,170 \$1,335.84 \$4,163.76 \$1,281.31 \$1,619.31 \$2,090.63 \$2,292.57 \$1,755.80	•				•			
25 26 27 28 Customer Charge 29 All 30 31 32 33 34 35 36 Winter Period	Typical Usage: therms Winter 2020 - 2021 units @ units @ COG 1 COG 2 COG 3 COG 4 COG 5 COG 6 d Weighted Avg. COG	\$ 222.64 \$0.2425 \$0.7437 \$0.5847 \$0.5847 \$0.5847 \$0.5847 \$0.5847 \$0.6007	-0.963% Nov 1,723 \$222.64 \$417.80 \$1,281.31	-1.173%  Dec 2,769  \$222.64 \$671.60 \$1,619.31	-1.196%  Jan 3,576 \$222.64 \$867.07  \$2,090.63	-1.203%  Feb 3,921 \$222.64 \$950.83	-1.181%  Mar 3,003 \$222.64 \$728.20  \$1,755.80	-1.147%  Apr 2,178 \$222.64 \$528.26 \$1,273.71	-1.16%  Winter 17,170  \$1,335.84 \$4,163.76 \$1,281.31 \$1,619.31 \$2,090.63 \$2,292.57 \$1,755.80 \$1,273.71	•				•			
25 26 27 28 Customer Charge 29 All 30 31 32 33 34 35 36 Winter Perior 37	Typical Usage: therms Winter 2020 - 2021 units @ units @ COG 1 COG 2 COG 3 COG 4 COG 5 COG 6 d Weighted Avg. COG LDAC Summer 2021	\$ 222.64 \$0.2425 \$0.7437 \$0.5847 \$0.5847 \$0.5847 \$0.5847 \$0.5847 \$0.6007 \$0.0007	-0.963% Nov 1,723 \$222.64 \$417.80 \$1,281.31	-1.173%  Dec 2,769  \$222.64 \$671.60 \$1,619.31	-1.196%  Jan 3,576 \$222.64 \$867.07  \$2,090.63	-1.203%  Feb 3,921 \$222.64 \$950.83	-1.181%  Mar 3,003 \$222.64 \$728.20  \$1,755.80	-1.147%  Apr 2,178 \$222.64 \$528.26 \$1,273.71	-1.16%  Winter 17,170  \$1,335.84 \$4,163.76 \$1,281.31 \$1,619.31 \$2,090.63 \$2,292.57 \$1,755.80 \$1,273.71	1,273	552	360	210	438	676	3,509	
25 26 27 28 Customer Charge 29 All 30 31 32 33 34 35 Winter Period 37 38 39 Customer Charge	Typical Usage: therms Winter 2020 - 2021 units @ units @ COG 1 COG 2 COG 3 COG 4 COG 5 COG 6 d Weighted Avg. COG LDAC Summer 2021 units @	\$ 222.64 \$0.2425 \$0.7437 \$0.5847 \$0.5847 \$0.5847 \$0.5847 \$0.6007 \$0.0472	-0.963% Nov 1,723 \$222.64 \$417.80 \$1,281.31	-1.173%  Dec 2,769  \$222.64 \$671.60 \$1,619.31	-1.196%  Jan 3,576 \$222.64 \$867.07  \$2,090.63	-1.203%  Feb 3,921 \$222.64 \$950.83	-1.181%  Mar 3,003 \$222.64 \$728.20  \$1,755.80	-1.147%  Apr 2,178 \$222.64 \$528.26 \$1,273.71	-1.16%  Winter 17,170  \$1,335.84 \$4,163.76 \$1,281.31 \$1,619.31 \$2,090.63 \$2,292.57 \$1,755.80 \$1,273.71	1,273 \$222.64	552 \$222.64	360 \$222.64	210 \$222.64	438 \$222.64	676 \$222.64	3,509 \$1,335.84	
25 26 27 28 Customer Charge 29 All 30 31 32 33 34 35 36 Winter Period 37 38 39 Customer Charge 40 All	Typical Usage: therms Winter 2020 - 2021 units @ units @ COG 1 COG 2 COG 3 COG 4 COG 5 COG 6 d Weighted Avg. COG LDAC Summer 2021 units @ units @ units @ units @ units @	\$ 222.64 \$0.2425 \$0.7437 \$0.5847 \$0.5847 \$0.5847 \$0.5847 \$0.6007 \$0.0472	-0.963% Nov 1,723 \$222.64 \$417.80 \$1,281.31	-1.173%  Dec 2,769  \$222.64 \$671.60 \$1,619.31	-1.196%  Jan 3,576 \$222.64 \$867.07  \$2,090.63	-1.203%  Feb 3,921 \$222.64 \$950.83	-1.181%  Mar 3,003 \$222.64 \$728.20  \$1,755.80	-1.147%  Apr 2,178 \$222.64 \$528.26 \$1,273.71	-1.16%  Winter 17,170  \$1,335.84 \$4,163.76 \$1,281.31 \$1,619.31 \$2,090.63 \$2,292.57 \$1,755.80 \$1,273.71	1,273 1,273 \$222.64 \$241.20	552	360	210	438	676	3,509 \$1,335.84 \$664.90	
25 26 27 28 Customer Charge 29 All 30 31 32 33 34 35 36 Winter Period 37 38 39 Customer Charge 40 All	Typical Usage: therms Winter 2020 - 2021 units @ units @ COG 1 COG 2 COG 3 COG 4 COG 5 COG 6 d Weighted Avg. COG LDAC Summer 2021 units @ COG 1	\$ 222.64 \$0.2425 \$0.7437 \$0.5847 \$0.5847 \$0.5847 \$0.5847 \$0.5847 \$0.6007 \$ 0.0472 \$ 222.64 \$0.1895 \$0.5291	-0.963% Nov 1,723 \$222.64 \$417.80 \$1,281.31	-1.173%  Dec 2,769  \$222.64 \$671.60 \$1,619.31	-1.196%  Jan 3,576 \$222.64 \$867.07  \$2,090.63	-1.203%  Feb 3,921 \$222.64 \$950.83	-1.181%  Mar 3,003 \$222.64 \$728.20  \$1,755.80	-1.147%  Apr 2,178 \$222.64 \$528.26 \$1,273.71	-1.16%  Winter 17,170  \$1,335.84 \$4,163.76 \$1,281.31 \$1,619.31 \$2,090.63 \$2,292.57 \$1,755.80 \$1,273.71	1,273 \$222.64	\$222.64 \$104.63	360 \$222.64	210 \$222.64	438 \$222.64	676 \$222.64	3,509 \$1,335.84 \$664.90 \$673.44	
25 26 27 28 Customer Charge 29 All 30 31 32 33 34 35 36 Winter Perior 37 38 39 Customer Charge 40 All 41	Typical Usage: therms Winter 2020 - 2021 units @ units @ COG 1 COG 2 COG 3 COG 4 COG 5 COG 6 d Weighted Avg. COG LDAC Summer 2021 units @ units @ COG 1 COG 2	\$ 222.64 \$0.2425 \$0.7437 \$0.5847 \$0.5847 \$0.5847 \$0.6807 \$ 0.0472 \$ 222.64 \$0.1895 \$0.5291	-0.963% Nov 1,723 \$222.64 \$417.80 \$1,281.31	-1.173%  Dec 2,769  \$222.64 \$671.60 \$1,619.31	-1.196%  Jan 3,576 \$222.64 \$867.07  \$2,090.63	-1.203%  Feb 3,921 \$222.64 \$950.83	-1.181%  Mar 3,003 \$222.64 \$728.20  \$1,755.80	-1.147%  Apr 2,178 \$222.64 \$528.26 \$1,273.71	-1.16%  Winter 17,170  \$1,335.84 \$4,163.76 \$1,281.31 \$1,619.31 \$2,090.63 \$2,292.57 \$1,755.80 \$1,273.71	1,273 1,273 \$222.64 \$241.20	552 \$222.64	\$222.64 \$68.21	210 \$222.64	438 \$222.64	676 \$222.64	\$1,335.84 \$664.90 \$673.44 \$292.12	
25 26 27 28 Customer Charge 29 All 30 31 32 33 34 35 36 Winter Period 37 38 39 Customer Charge 40 All 41 42 43	Typical Usage: therms Winter 2020 - 2021 units @ units @ COG 1 COG 2 COG 3 COG 4 COG 5 COG 6 d Weighted Avg. COG LDAC Summer 2021 units @ units @ COG 1 COG 2 COG 3	\$ 222.64 \$0.2425 \$0.7437 \$0.5847 \$0.5847 \$0.5847 \$0.5847 \$0.5847 \$0.5847 \$0.6007 \$ 0.0472 \$ 222.64 \$0.1895 \$0.5291 \$0.5291	-0.963% Nov 1,723 \$222.64 \$417.80 \$1,281.31	-1.173%  Dec 2,769  \$222.64 \$671.60 \$1,619.31	-1.196%  Jan 3,576 \$222.64 \$867.07  \$2,090.63	-1.203%  Feb 3,921 \$222.64 \$950.83	-1.181%  Mar 3,003 \$222.64 \$728.20  \$1,755.80	-1.147%  Apr 2,178 \$222.64 \$528.26 \$1,273.71	-1.16%  Winter 17,170  \$1,335.84 \$4,163.76 \$1,281.31 \$1,619.31 \$2,090.63 \$2,292.57 \$1,755.80 \$1,273.71	1,273 1,273 \$222.64 \$241.20	\$222.64 \$104.63	360 \$222.64	\$222.64 \$39.75	438 \$222.64	676 \$222.64	\$1,335.84 \$664.90 \$673.44 \$292.12 \$190.46	
25 26 27 28 Customer Charge 29 All 30 31 32 33 34 35 36 Winter Period 37 38 39 Customer Charge 40 All 41 42 43 44	Typical Usage: therms Winter 2020 - 2021 units @ units @ cOG 1 COG 2 COG 3 COG 4 COG 5 COG 6 d Weighted Avg. COG LDAC Summer 2021 units @ units @ COG 1 COG 2 COG 3 COG 4	\$ 222.64 \$0.2425 \$0.7437 \$0.5847 \$0.5847 \$0.5847 \$0.5847 \$0.6007 \$ 0.0472 \$ 222.64 \$0.1895 \$0.5291 \$0.5291 \$0.5291 \$0.5291	-0.963% Nov 1,723 \$222.64 \$417.80 \$1,281.31	-1.173%  Dec 2,769  \$222.64 \$671.60 \$1,619.31	-1.196%  Jan 3,576 \$222.64 \$867.07  \$2,090.63	-1.203%  Feb 3,921  \$222.64 \$950.83	-1.181%  Mar 3,003 \$222.64 \$728.20  \$1,755.80	-1.147%  Apr 2,178 \$222.64 \$528.26 \$1,273.71	-1.16%  Winter 17,170  \$1,335.84 \$4,163.76 \$1,281.31 \$1,619.31 \$2,090.63 \$2,292.57 \$1,755.80 \$1,273.71	1,273 1,273 \$222.64 \$241.20	\$222.64 \$104.63	\$222.64 \$68.21	210 \$222.64	\$222.64 \$83.08	676 \$222.64	\$1,335.84 \$664.90 \$673.44 \$292.12 \$190.46 \$110.98	
25 26 27 28 Customer Charge 29 All 30 31 32 33 34 35 36 Winter Period 37 38 39 Customer Charge 40 All 41 42 43 44 45	Typical Usage: therms Winter 2020 - 2021 units @ units @ cOG 1 COG 2 COG 3 COG 4 COG 5 COG 6 d Weighted Avg. COG LDAC Summer 2021 units @ cOG 1 COG 2 COG 3 COG 4 COG 5 COG 6	\$ 222.64 \$0.2425 \$0.7437 \$0.5847 \$0.5847 \$0.5847 \$0.5847 \$0.5847 \$0.5007 \$ 0.0472 \$ 222.64 \$0.1895 \$0.5291 \$0.5291 \$0.5291 \$0.5291 \$0.5291 \$0.5291	-0.963% Nov 1,723 \$222.64 \$417.80 \$1,281.31	-1.173%  Dec 2,769  \$222.64 \$671.60 \$1,619.31	-1.196%  Jan 3,576 \$222.64 \$867.07  \$2,090.63	-1.203%  Feb 3,921  \$222.64 \$950.83	-1.181%  Mar 3,003 \$222.64 \$728.20  \$1,755.80	-1.147%  Apr 2,178 \$222.64 \$528.26 \$1,273.71	-1.16%  Winter 17,170  \$1,335.84 \$4,163.76 \$1,281.31 \$1,619.31 \$2,090.63 \$2,292.57 \$1,755.80 \$1,273.71	1,273 1,273 \$222.64 \$241.20	\$222.64 \$104.63	\$222.64 \$68.21	\$222.64 \$39.75	438 \$222.64	\$222.64 \$128.04	\$1,335.84 \$664.90 \$673.44 \$292.12 \$190.46 \$110.98 \$231.96	
25 26 27 28 Customer Charge 29 All 30 31 32 33 34 35 36 Winter Period 37 38 39 Customer Charge 40 All 41 42 43 44 45	Typical Usage: therms Winter 2020 - 2021 units @ units @ COG 1 COG 2 COG 3 COG 4 COG 5 COG 6 d Weighted Avg. COG LDAC Summer 2021 units @ units @ COG 1 COG 2 COG 3 COG 4 COG 5 COG 6	\$ 222.64 \$0.2425 \$0.7437 \$0.5847 \$0.5847 \$0.5847 \$0.6007 \$ 0.0472 \$ 222.64 \$0.1895 \$0.5291 \$0.5291 \$0.5291 \$0.5291 \$0.5291 \$0.5291 \$0.5291	-0.963% Nov 1,723 \$222.64 \$417.80 \$1,281.31	-1.173%  Dec 2,769  \$222.64 \$671.60 \$1,619.31	-1.196%  Jan 3,576 \$222.64 \$867.07  \$2,090.63	-1.203%  Feb 3,921  \$222.64 \$950.83	-1.181%  Mar 3,003 \$222.64 \$728.20  \$1,755.80	-1.147%  Apr 2,178 \$222.64 \$528.26 \$1,273.71	-1.16%  Winter 17,170  \$1,335.84 \$4,163.76 \$1,281.31 \$1,619.31 \$2,090.63 \$2,292.57 \$1,755.80 \$1,273.71	1,273 1,273 \$222.64 \$241.20	\$222.64 \$104.63	\$222.64 \$68.21	\$222.64 \$39.75	\$222.64 \$83.08	676 \$222.64	\$1,335.84 \$664.90 \$673.44 \$292.12 \$190.46 \$110.98	
25 26 27 28 Customer Charge 29 All 30 31 32 33 34 35 36 Winter Period 37 38 39 Customer Charge 40 All 41 42 43 44 45 45 46 47 Summer Period	Typical Usage: therms Winter 2020 - 2021 units @ units @ COG 1 COG 2 COG 3 COG 4 COG 5 COG 6 d Weighted Avg. COG LDAC Summer 2021 units @ units @ COG 1 COG 2 COG 3 COG 4 COG 5 COG 6 d Weighted Avg. COG	\$ 222.64 \$0.2425 \$0.7437 \$0.5847 \$0.5847 \$0.5847 \$0.5847 \$0.5847 \$0.5847 \$0.5007 \$0.0472 \$222.64 \$0.1895 \$0.5291 \$0.5291 \$0.5291 \$0.5291 \$0.5291 \$0.5291 \$0.5291 \$0.5291	-0.963% Nov 1,723 \$222.64 \$417.80 \$1,281.31	-1.173%  Dec 2,769  \$222.64 \$671.60 \$1,619.31	-1.196%  Jan 3,576 \$222.64 \$867.07  \$2,090.63	-1.203%  Feb 3,921  \$222.64 \$950.83	-1.181%  Mar 3,003 \$222.64 \$728.20  \$1,755.80	-1.147%  Apr 2,178 \$222.64 \$528.26 \$1,273.71	-1.16%  Winter 17,170  \$1,335.84 \$4,163.76 \$1,281.31 \$1,619.31 \$2,090.63 \$2,292.57 \$1,755.80 \$1,273.71	\$222.64 \$241.20 \$673.44	\$222.64 \$104.63 \$292.12	\$222.64 \$68.21 \$190.46	\$222.64 \$39.75 \$110.98	\$222.64 \$83.08 \$231.96	\$222.64 \$128.04 \$357.50	\$1,335.84 \$664.90 \$673.44 \$292.12 \$190.46 \$110.98 \$231.96 \$357.50	
25 26 27 28 Customer Charge 29 All 30 31 32 33 34 35 36 Winter Period 37 38 39 Customer Charge 40 All 41 42 43 44 45	Typical Usage: therms Winter 2020 - 2021 units @ units @ COG 1 COG 2 COG 3 COG 4 COG 5 COG 6 d Weighted Avg. COG LDAC Summer 2021 units @ units @ COG 1 COG 2 COG 3 COG 4 COG 5 COG 6	\$ 222.64 \$0.2425 \$0.7437 \$0.5847 \$0.5847 \$0.5847 \$0.6007 \$ 0.0472 \$ 222.64 \$0.1895 \$0.5291 \$0.5291 \$0.5291 \$0.5291 \$0.5291 \$0.5291 \$0.5291	-0.963% Nov 1,723 \$222.64 \$417.80 \$1,281.31	-1.173%  Dec 2,769  \$222.64 \$671.60 \$1,619.31	-1.196%  Jan 3,576 \$222.64 \$867.07  \$2,090.63	-1.203%  Feb 3,921  \$222.64 \$950.83	-1.181%  Mar 3,003 \$222.64 \$728.20  \$1,755.80	-1.147%  Apr 2,178 \$222.64 \$528.26 \$1,273.71	-1.16%  Winter 17,170  \$1,335.84 \$4,163.76 \$1,281.31 \$1,619.31 \$2,090.63 \$2,292.57 \$1,755.80 \$1,273.71	1,273 1,273 \$222.64 \$241.20	\$222.64 \$104.63	\$222.64 \$68.21	\$222.64 \$39.75	\$222.64 \$83.08	\$222.64 \$128.04	\$1,335.84 \$664.90 \$673.44 \$292.12 \$190.46 \$110.98 \$231.96	
25 26 27 28 Customer Charge 29 All 30 31 32 33 34 35 36 Winter Period 37 38 39 Customer Charge 40 All 41 42 43 43 44 45 46 47 Summer Period 48	Typical Usage: therms Winter 2020 - 2021 units @ units @ COG 1 COG 2 COG 3 COG 4 COG 5 COG 6 d Weighted Avg. COG LDAC Summer 2021 units @ units @ COG 1 COG 2 COG 3 COG 4 COG 5 COG 6 d Weighted Avg. COG	\$ 222.64 \$0.2425 \$0.7437 \$0.5847 \$0.5847 \$0.5847 \$0.6007 \$ 0.0472 \$ 222.64 \$0.1895 \$0.5291 \$0.5291 \$0.5291 \$0.5291 \$0.5291 \$0.5291 \$0.5291 \$0.5291 \$0.5291 \$0.5291 \$0.5291 \$0.5291 \$0.5291 \$0.5291 \$0.5291 \$0.5291 \$0.5291	-0.963%  Nov 1,723 \$222.64 \$417.80 \$1,281.31	-1.173%  Dec 2,769 \$222.64 \$671.60 \$1,619.31	-1.196%  Jan 3,576 \$222.64 \$867.07  \$2,090.63	-1.203%  Feb 3,921  \$222.64 \$950.83  \$2,292.57	-1.181%  Mar 3,003  \$222.64 \$728.20  \$1,755.80  \$141.74	-1.147%  Apr 2,178 \$222.64 \$528.26 \$1,273.71 \$102.82	**************************************	\$222.64 \$241.20 \$673.44 \$60.08	\$222.64 \$104.63 \$292.12	\$222.64 \$68.21 \$190.46	\$222.64 \$39.75 \$110.98	\$222.64 \$83.08 \$231.96 \$20.69	\$222.64 \$128.04 \$357.50 \$31.89	\$1,335.84 \$664.90 \$673.44 \$292.12 \$190.46 \$110.98 \$231.96 \$357.50	20,679
25 26 27 28 Customer Charge 29 All 30 31 32 33 34 35 36 Winter Period 37 38 39 Customer Charge 40 All 41 42 43 44 45 46 47 Summer Period 48	Typical Usage: therms Winter 2020 - 2021 units @ units @ COG 1 COG 2 COG 3 COG 4 COG 5 COG 6 d Weighted Avg. COG LDAC Summer 2021 units @ units @ COG 1 COG 2 COG 3 COG 4 COG 5 COG 6 d Weighted Avg. COG	\$ 222.64 \$0.2425 \$0.7437 \$0.5847 \$0.5847 \$0.5847 \$0.5847 \$0.6007 \$ 0.0472 \$ 222.64 \$0.1895 \$0.5291 \$0.5291 \$0.5291 \$0.5291 \$0.5291 \$0.5291 \$0.5291 \$0.5291 \$0.5291 \$0.5291 \$0.5291 \$0.5291	-0.963%  Nov 1,723 \$222.64 \$417.80 \$1,281.31  \$81.32	-1.173%  Dec 2,769 \$222.64 \$671.60 \$1,619.31 \$130.72	-1.196%  Jan 3,576 \$222.64 \$867.07  \$2,090.63  \$168.77	-1.203%  Feb 3.921  \$222.64 \$950.83  \$2,292.57  \$185.07	-1.181%  Mar 3,003 \$222.64 \$728.20  \$1,755.80 \$141.74	-1.147%  Apr 2,178 \$222.64 \$528.26 \$1,273.71 \$102.82	-1.16%  Winter 17,170  \$1,335.84 \$4,163.76 \$1,281.31 \$2,090.63 \$2,292.57 \$1,755.80 \$1,273.71 \$810.43	\$222.64 \$241.20 \$673.44 \$60.08	\$222.64 \$104.63 \$292.12 \$26.06 \$645.45	\$222.64 \$68.21 \$190.46 \$16.99 \$498.30	\$222.64 \$39.75 \$110.98 \$9.90	\$222.64 \$83.08 \$231.96 \$20.69 \$558.37	\$222.64 \$128.04 \$357.50 \$31.89	\$1,335.84 \$664.90 \$673.44 \$292.12 \$190.46 \$110.98 \$231.96 \$357.50 \$165.61	20,679 - \$20,646.17
25 26 27 28 Customer Charge 29 All 30 31 32 33 34 35 36 Winter Period 37 38 39 Customer Charge 40 All 41 42 43 44 45 46 47 Summer Period 48	Typical Usage: therms Winter 2020 - 2021 units @ units @ COG 1 COG 2 COG 3 COG 4 COG 5 COG 6 d Weighted Avg. COG LDAC Summer 2021 units @ units @ COG 1 COG 2 COG 3 COG 4 COG 5 COG 6 d Weighted Avg. COG	\$ 222.64 \$0.2425 \$0.7437 \$0.5847 \$0.5847 \$0.5847 \$0.5847 \$0.5847 \$0.5847 \$0.5007 \$0.0472 \$222.64 \$0.1895 \$0.5291 \$0.5291 \$0.5291 \$0.5291 \$0.5291 \$0.5291 \$0.5291 \$0.5291 \$0.5291 \$0.5291 \$0.5291 \$0.5291 \$0.5291 \$0.5291	-0.963%  Nov 1,723 \$222.64 \$417.80 \$1,281.31  \$81.32	-1.173%  Dec 2,769 \$222.64 \$671.60 \$1,619.31 \$130.72	-1.196%  Jan 3,576 \$222.64 \$867.07  \$2,090.63  \$168.77  \$3,349.10 \$1,284.34	-1.203%  Feb 3,921  \$222.64 \$950.83  \$2,292.57  \$185.07	-1.181%  Mar 3,003 \$222.64 \$728.20  \$1,755.80 \$141.74	-1.147% Apr 2,178 \$222.64 \$528.26 \$1,273.71 \$102.82 \$2,127.43 \$782.48	-1.16% Winter 17,170 \$1,335.84 \$4,163.76 \$1,281.31 \$2,090.63 \$2,292.57 \$1,755.80 \$1,273.71 \$810.43	\$222.64 \$241.20 \$673.44 \$60.08 \$1,197.35 (\$108.06)	\$222.64 \$104.63 \$292.12 \$26.06 \$645.45 (\$46.87)	\$222.64 \$68.21 \$190.46 \$16.99 \$498.30 (\$30.56)	\$222.64 \$39.75 \$110.98 \$9.90 \$383.27 (\$17.81)	\$222.64 \$83.08 \$231.96 \$20.69 \$558.37 (\$37.22)	\$222.64 \$128.04 \$357.50 \$31.89 \$740.07 (\$57.37)	\$1,335.84 \$664.90 \$673.44 \$292.12 \$190.46 \$110.98 \$231.96 \$357.50 \$165.61 \$4,022.81 (\$297.89)	20,679 - \$20,646.17 \$5,595.69
25 26 27 28 Customer Charge 29 All 30 31 32 33 34 35 36 Winter Period 37 38 39 Customer Charge 40 All 41 42 43 44 45 46 47 Summer Period 48	Typical Usage: therms Winter 2020 - 2021 units @ units @ COG 1 COG 2 COG 3 COG 4 COG 5 COG 6 d Weighted Avg. COG LDAC Summer 2021 units @ units @ COG 1 COG 2 COG 3 COG 4 COG 5 COG 6 d Weighted Avg. COG	\$ 222.64 \$0.2425 \$0.7437 \$0.5847 \$0.5847 \$0.5847 \$0.5847 \$0.6007 \$ 0.0472 \$ 222.64 \$0.1895 \$0.5291 \$0.5291 \$0.5291 \$0.5291 \$0.5291 \$0.5291 \$0.5291 \$0.5291 \$0.5291 \$0.5291 \$0.5291 \$0.5291	-0.963%  Nov 1,723 \$222.64 \$417.80 \$1,281.31  \$81.32	-1.173%  Dec 2,769 \$222.64 \$671.60 \$1,619.31 \$130.72	-1.196%  Jan 3,576 \$222.64 \$867.07  \$2,090.63  \$168.77	-1.203%  Feb 3.921  \$222.64 \$950.83  \$2,292.57  \$185.07	-1.181%  Mar 3,003 \$222.64 \$728.20  \$1,755.80 \$141.74	-1.147%  Apr 2,178 \$222.64 \$528.26 \$1,273.71 \$102.82	-1.16%  Winter 17,170  \$1,335.84 \$4,163.76 \$1,281.31 \$2,090.63 \$2,292.57 \$1,755.80 \$1,273.71 \$810.43	\$222.64 \$241.20 \$673.44 \$60.08	\$222.64 \$104.63 \$292.12 \$26.06 \$645.45	\$222.64 \$68.21 \$190.46 \$16.99 \$498.30	\$222.64 \$39.75 \$110.98 \$9.90	\$222.64 \$83.08 \$231.96 \$20.69 \$558.37	\$222.64 \$128.04 \$357.50 \$31.89	\$1,335.84 \$664.90 \$673.44 \$292.12 \$190.46 \$110.98 \$231.96 \$357.50 \$165.61	20,679 - \$20,646.17

<sup>\*-</sup>Note- Weighted by usage. Actual Weather Normalized.

Typical G-51 Commercial & Industrial Bill - 16,982 therms/year Comparison of Winter 2021-2022 vs. Winter 2020-2021

				Comparis			2022 VS. V	vinter 2020	0-2021							
1		Nov	Dec	Jan	Feb	Mar	Apr	Winter	May	June	July	August	Sept	October	Summer	Annual
2 Typical Usage: therms (	*)	1,394	1,767	1,968	2,106	2,041	1,647	10,922	990	951	992	928		1,078	6,060	16,982
3 Winter 2021 - 2022	,	.,	.,	.,	_,	_,	.,	,					.,	.,	-,	,
	¢ 000.04	¢000 04	¢000 04	¢000 04	£000 C4	¢000 04	¢000 04	64 005 04								
4 Customer Charge units @	\$ 222.64	\$222.64	\$222.64	\$222.64	\$222.64	\$222.64	\$222.64	\$1,335.84								
5 First 1,300 units @	\$0.1712	\$222.56	\$222.56	\$222.56	\$222.56	\$222.56	\$222.56	\$1,335.36								
6 Over 1,300 units @	\$0.1399	\$13.13	\$65.30	\$93.45	\$112.73	\$103.67	\$48.49	\$436.77								
7 COG 1	\$0.8453	\$1,178.25						\$1,178.25								
8 COG 2	\$0.8453		\$1,493.46					\$1,493.46								
9 COG 3	\$0.8453			\$1,663.52				\$1,663.52								
10 COG 4	\$0.8453			ψ1,000.02	\$1,780.00			\$1,780.00								
11 COG 5	\$0.8453				ψ1,700.00	\$1,725,28		\$1,700.00								
						\$1,725.28										
12 COG 6	\$0.8453						\$1,391.87	\$1,391.87								
13 LDAC	\$0.0360	\$50.18	\$63.60	\$70.85	\$75.81	\$73.48	\$59.28	\$393.19								
14 Summer 2022																
15 Customer Charge units @	\$ 222.64								\$ 222.64	\$222.64	\$222.64	\$222.64	\$ 222.64	\$222.64	\$1,335.84	
16 First 1,000 units @	\$0.1337								\$132.38	\$127.11	\$132.56	\$124.04	\$133.70	\$133.70	\$783.49	
17 Over 1,000 units @	\$0.1087								\$0.00	\$0.00	\$0.00	\$0.00	\$13.27	\$8.51	\$21.77	
	\$0.1067 \$0.4741									φ0.00	φυ.υυ	\$0.00	\$13.21	φο.3 I		
	* * *								\$469.41						\$469.41	
19 COG 2	\$0.4741									\$450.72					\$450.72	
20 COG 3	\$0.4741										\$470.07				\$470.07	
21 COG 4	\$0.4741											\$439.85			\$439.85	
22 COG 5	\$0.4741												\$531.97		\$531.97	
23 COG 6	\$0,4741													\$511.20	\$511.20	
24 Summer Period Weighted Avg. COG	\$0.4741													ψ011.20	Ç011.20	
25 LDAC	\$ 0.0360								\$35.64	\$34.22	\$35.69	\$33.40	\$40.39	\$38.82	\$218.17	
										• •						
26	TOTAL	\$1,686.76	\$2,067.56	\$2,273.01	\$2,413.74	\$2,347.63	\$1,944.83	\$12,733.54	\$860.07	\$834.69	\$860.97	\$819.93	\$941.97	\$914.86	\$5,232.49	\$17,966.03
Dana Data Ohamaa Miintaa	¢ 01	<b>#0.00</b>	<b>60.00</b>	\$0.00	¢0.00	<b>CO.00</b>	<b>60.00</b>	\$0.00								
Base Rate Change Winter	\$ Change	\$0.00	\$0.00		\$0.00	\$0.00	\$0.00									
	% Change	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%								
COG Change Winter	\$ Change	\$277.10	\$351.24	\$391.23	\$418.63	\$405.76	\$327.34	\$2,171.30								
, and the second	% Change	19.44%	20.23%	20.55%	20.74%	20.65%	20.01%	20.32%								
LDAC Change Winter	\$ Change	-\$15.61	-\$19.79	-\$22.04	-\$23.58	-\$22.86	-\$18.44	-\$122.33								
	% Change	-1.10%	-1.14%	-1.16%	-1.17%	-1.16%	-1.13%	-1.14%								
	% Change			-1.16%	-1.17%	-1.16%										
27	% Change	-1.10%	-1.14%				-1.13%	-1.14%	Mav	June	July	August	Sept	October	Summer	Annual
27 28 Typical Usage: therms	% Change	-1.10% Nov	-1.14% Dec	Jan	Feb	Mar	-1.13% Apr	-1.14% Winter	May 990	June	July 992	August 928		October	Summer	<b>Annual</b>
28 Typical Usage: therms	% Change	-1.10%	-1.14%				-1.13%	-1.14%	<b>May</b> 990	<b>June</b> 951	<b>July</b> 992	August 928		October 1,078	Summer 6,060	<b>Annual</b> 16,982
28 Typical Usage: therms 29 <b>Winter 2020 - 2021</b>		-1.10% Nov 1,394	-1.14% Dec 1,767	<b>Jan</b> 1,968	<b>Feb</b> 2,106	<b>Mar</b> 2,041	-1.13% Apr 1,647	-1.14% Winter 10,922								
28 Typical Usage: therms 29 <b>Winter 2020 - 2021</b> 30 Customer Charge units @	\$ 222.64	-1.10% Nov 1,394 \$222.64	-1.14%  Dec 1,767  \$222.64	<b>Jan</b> 1,968	Feb 2,106 \$222.64	<b>Mar</b> 2,041 \$222.64	-1.13% Apr 1,647 \$222.64	-1.14% Winter 10,922 \$1,335.84								
28 Typical Usage: therms 29 <b>Winter 2020 - 2021</b>		-1.10% Nov 1,394	-1.14% Dec 1,767	<b>Jan</b> 1,968	<b>Feb</b> 2,106	<b>Mar</b> 2,041	-1.13% Apr 1,647	-1.14% Winter 10,922								
28 Typical Usage: therms 29 <b>Winter 2020 - 2021</b> 30 Customer Charge units @	\$ 222.64	-1.10% Nov 1,394 \$222.64	-1.14%  Dec 1,767  \$222.64	<b>Jan</b> 1,968	Feb 2,106 \$222.64	<b>Mar</b> 2,041 \$222.64	-1.13% Apr 1,647 \$222.64	-1.14% Winter 10,922 \$1,335.84								
28 Typical Usage: therms 29 Winter 2020 - 2021 30 Customer Charge units @ 31 First 1,300 units @ 32 Over 1,300 units @	\$ 222.64 \$0.1712 \$0.1399	-1.10% Nov 1,394 \$222.64 \$222.56 \$13.13	-1.14%  Dec 1,767  \$222.64 \$222.56	Jan 1,968 \$222.64 \$222.56	Feb 2,106 \$222.64 \$222.56	<b>Mar</b> 2,041 \$222.64 \$222.56	-1.13% Apr 1,647 \$222.64 \$222.56	-1.14% Winter 10,922 \$1,335.84 \$1,335.36 \$436.77								
28 Typical Usage: therms 29 <b>Winter 2020 - 2021</b> 30 Customer Charge units @ 31 First 1,300 units @	\$ 222.64 \$0.1712	-1.10% Nov 1,394 \$222.64 \$222.56	-1.14%  Dec 1,767  \$222.64 \$222.56 \$65.30	Jan 1,968 \$222.64 \$222.56	Feb 2,106 \$222.64 \$222.56	<b>Mar</b> 2,041 \$222.64 \$222.56	-1.13% Apr 1,647 \$222.64 \$222.56	-1.14% Winter 10,922 \$1,335.84 \$1,335.36								
28 Typical Usage: therms 29 Winter 2020 - 2021 30 Customer Charge units @ 31 First 1,300 units @ 32 Over 1,300 units @ 33 COG 1 34 COG 2	\$ 222.64 \$0.1712 \$0.1399 \$0.6465 \$0.6465	-1.10% Nov 1,394 \$222.64 \$222.56 \$13.13	-1.14%  Dec 1,767  \$222.64 \$222.56	Jan 1,968 \$222.64 \$222.56 \$93.45	Feb 2,106 \$222.64 \$222.56	<b>Mar</b> 2,041 \$222.64 \$222.56	-1.13% Apr 1,647 \$222.64 \$222.56	-1.14% Winter 10,922 \$1,335.84 \$1,335.36 \$436.77 \$901.14 \$1,142.22								
28 Typical Usage: therms 29 Winter 2020 - 2021  30 Customer Charpe units @ 31 First 1,300 units @ 32 Over 1,300 units @ 33 COG 1 34 COG 2 35 COG 2	\$ 222.64 \$0.1712 \$0.1399 \$0.6465 \$0.6465 \$0.6465	-1.10% Nov 1,394 \$222.64 \$222.56 \$13.13	-1.14%  Dec 1,767  \$222.64 \$222.56 \$65.30	Jan 1,968 \$222.64 \$222.56	Feb 2,106 \$222.64 \$222.56 \$112.73	<b>Mar</b> 2,041 \$222.64 \$222.56	-1.13% Apr 1,647 \$222.64 \$222.56	-1.14% Winter 10,922 \$1,335.84 \$1,335.36 \$436.77 \$901.14 \$1,142.22 \$1,272.29								
28	\$ 222.64 \$0.1712 \$0.1399 \$0.6465 \$0.6465 \$0.6465 \$0.6465	-1.10% Nov 1,394 \$222.64 \$222.56 \$13.13	-1.14%  Dec 1,767  \$222.64 \$222.56 \$65.30	Jan 1,968 \$222.64 \$222.56 \$93.45	Feb 2,106 \$222.64 \$222.56	Mar 2,041 \$222.64 \$222.56 \$103.67	-1.13% Apr 1,647 \$222.64 \$222.56	**1.14%  Winter 10,922  \$1,335.84 \$1,335.36 \$436.77 \$901.14 \$1,142.22 \$1,272.29 \$1,361.38								
28 Typical Usage: therms 29 Winter 2020 - 2021 30 Customer Charge units @ 31 First 1,300 units @ 32 Over 1,300 units @ 33 COG 1 34 COG 2 35 COG 3 36 COG 4 37 COG 5	\$ 222.64 \$0.1712 \$0.1399 \$0.6465 \$0.6465 \$0.6465 \$0.6465	-1.10% Nov 1,394 \$222.64 \$222.56 \$13.13	-1.14%  Dec 1,767  \$222.64 \$222.56 \$65.30	Jan 1,968 \$222.64 \$222.56 \$93.45	Feb 2,106 \$222.64 \$222.56 \$112.73	<b>Mar</b> 2,041 \$222.64 \$222.56	-1.13%  Apr 1,647  \$222.64 \$222.56 \$48.49	-1.14%  Winter 10,922  \$1,335.84 \$1,335.36 \$436.77 \$901.14 \$1,142.22 \$1,272.29 \$1,361.38 \$1,319.53								
28 Typical Usage: therms 29 Winter 2020 - 2021 30 Customer Charge units @ 31 First 1,300 units @ 32 Over 1,300 units @ 33 COG 1 34 COG 2 35 COG 3 36 COG 4 37 COG 5 38 COG 5	\$ 222.64 \$0.1712 \$0.1399 \$0.6465 \$0.6465 \$0.6465 \$0.6465 \$0.6465	-1.10% Nov 1,394 \$222.64 \$222.56 \$13.13	-1.14%  Dec 1,767  \$222.64 \$222.56 \$65.30	Jan 1,968 \$222.64 \$222.56 \$93.45	Feb 2,106 \$222.64 \$222.56 \$112.73	Mar 2,041 \$222.64 \$222.56 \$103.67	-1.13% Apr 1,647 \$222.64 \$222.56	**1.14%  Winter 10,922  \$1,335.84 \$1,335.36 \$436.77 \$901.14 \$1,142.22 \$1,272.29 \$1,361.38								
28 Typical Usage: therms 29 Winter 2020 - 2021 30 Customer Charge units @ 31 First 1,300 units @ 32 Over 1,300 units @ 33 COG 1 34 COG 2 35 COG 2 36 COG 4 37 COG 5 38 COG 6 39 Winter Period Weighted Avg. COG	\$ 222.64 \$0.1712 \$0.1399 \$0.6465 \$0.6465 \$0.6465 \$0.6465 \$0.6465 \$0.6465	-1.10%  Nov 1,394 \$222.64 \$222.56 \$13.13 \$901.14	-1.14%  Dec 1,767  \$222.64 \$222.56 \$65.30  \$1,142.22	Jan 1,968 \$222.64 \$222.56 \$93.45 \$1,272.29	Feb 2,106 \$222.64 \$222.56 \$112.73 \$1,361.38	\$222.64 \$222.56 \$103.67 \$1,319.53	-1.13% Apr 1,647 \$222.64 \$222.56 \$48.49 \$1,064.52	*1.14% Winter 10,922 \$1,335.84 \$1,335.36 \$436.77 \$901.14 \$1,142.22 \$1,272.29 \$1,361.38 \$1,319.53 \$1,064.52								
28 Typical Usage: therms 29 Winter 2020 - 2021 30 Customer Charge units @ 31 First 1,300 units @ 32 Over 1,300 units @ 33 COG 1 34 COG 2 35 COG 3 36 COG 4 37 COG 5 38 COG 5	\$ 222.64 \$0.1712 \$0.1399 \$0.6465 \$0.6465 \$0.6465 \$0.6465 \$0.6465	-1.10% Nov 1,394 \$222.64 \$222.56 \$13.13	-1.14%  Dec 1,767  \$222.64 \$222.56 \$65.30	Jan 1,968 \$222.64 \$222.56 \$93.45	Feb 2,106 \$222.64 \$222.56 \$112.73	Mar 2,041 \$222.64 \$222.56 \$103.67	-1.13%  Apr 1,647  \$222.64 \$222.56 \$48.49	-1.14%  Winter 10,922  \$1,335.84 \$1,335.36 \$436.77 \$901.14 \$1,142.22 \$1,272.29 \$1,361.38 \$1,319.53								
28 Typical Usage: therms 29 Winter 2020 - 2021 30 Customer Charge units @ 31 First 1,300 units @ 32 Over 1,300 units @ 33 COG 1 34 COG 2 35 COG 2 36 COG 4 37 COG 5 38 COG 6 39 Winter Period Weighted Avg. COG	\$ 222.64 \$0.1712 \$0.1399 \$0.6465 \$0.6465 \$0.6465 \$0.6465 \$0.6465 \$0.6465	-1.10%  Nov 1,394 \$222.64 \$222.56 \$13.13 \$901.14	-1.14%  Dec 1,767  \$222.64 \$222.56 \$65.30  \$1,142.22	Jan 1,968 \$222.64 \$222.56 \$93.45 \$1,272.29	Feb 2,106 \$222.64 \$222.56 \$112.73 \$1,361.38	\$222.64 \$222.56 \$103.67 \$1,319.53	-1.13% Apr 1,647 \$222.64 \$222.56 \$48.49 \$1,064.52	*1.14% Winter 10,922 \$1,335.84 \$1,335.36 \$436.77 \$901.14 \$1,142.22 \$1,272.29 \$1,361.38 \$1,319.53 \$1,064.52								
28	\$ 222.64 \$0.1712 \$0.1399 \$0.6465 \$0.6465 \$0.6465 \$0.6465 \$0.6465 \$0.6465 \$0.0472	-1.10%  Nov 1,394 \$222.64 \$222.56 \$13.13 \$901.14	-1.14%  Dec 1,767  \$222.64 \$222.56 \$65.30  \$1,142.22	Jan 1,968 \$222.64 \$222.56 \$93.45 \$1,272.29	Feb 2,106 \$222.64 \$222.56 \$112.73 \$1,361.38	\$222.64 \$222.56 \$103.67 \$1,319.53	-1.13% Apr 1,647 \$222.64 \$222.56 \$48.49 \$1,064.52	*1.14% Winter 10,922 \$1,335.84 \$1,335.36 \$436.77 \$901.14 \$1,142.22 \$1,272.29 \$1,361.38 \$1,319.53 \$1,064.52	990	951	992	928	1,122	1,078	6,060	
28 Typical Usage: therms 29 Winter 2020 - 2021 30 Customer Charge units @ 31 First 1,300 units @ 32 Over 1,300 units @ 33 COG 1 34 COG 2 35 COG 3 36 COG 4 37 COG 5 38 COG 6 39 Winter Period Weighted Avg. COG 40 LDAC 41 Summer 2021 42 Customer Charge units @	\$ 222.64 \$0.1712 \$0.1399 \$0.6465 \$0.6465 \$0.6465 \$0.6465 \$0.6465 \$0.6465 \$0.0472	-1.10%  Nov 1,394 \$222.64 \$222.56 \$13.13 \$901.14	-1.14%  Dec 1,767  \$222.64 \$222.56 \$65.30  \$1,142.22	Jan 1,968 \$222.64 \$222.56 \$93.45 \$1,272.29	Feb 2,106 \$222.64 \$222.56 \$112.73 \$1,361.38	\$222.64 \$222.56 \$103.67 \$1,319.53	-1.13% Apr 1,647 \$222.64 \$222.56 \$48.49 \$1,064.52	*1.14% Winter 10,922 \$1,335.84 \$1,335.36 \$436.77 \$901.14 \$1,142.22 \$1,272.29 \$1,361.38 \$1,319.53 \$1,064.52	990 \$222.64	951 \$222.64	992 \$222.64	928	1,122 \$222.64	1,078 \$222.64	6,060 \$1,335.84	
28 Typical Usage: therms 29 Winter 2020 - 2021 30 Customer Charge units @ 31 First 1,300 units @ 32 Over 1,300 units @ 33 COG 1 34 COG 2 35 COG 3 36 COG 4 37 COG 5 38 COG 6 39 Winter Period Weighted Avg. COG 40 LDAC 41 Summer 2021 42 Customer Charge units @ 43 First 1,000 units @	\$ 222.64 \$0.1712 \$0.1399 \$0.6465 \$0.6465 \$0.6465 \$0.6465 \$0.6465 \$0.0472 \$ 222.64 \$0.1337	-1.10%  Nov 1,394 \$222.64 \$222.56 \$13.13 \$901.14	-1.14%  Dec 1,767  \$222.64 \$222.56 \$65.30  \$1,142.22	Jan 1,968 \$222.64 \$222.56 \$93.45 \$1,272.29	Feb 2,106 \$222.64 \$222.56 \$112.73 \$1,361.38	\$222.64 \$222.56 \$103.67 \$1,319.53	-1.13% Apr 1,647 \$222.64 \$222.56 \$48.49 \$1,064.52	*1.14% Winter 10,922 \$1,335.84 \$1,335.36 \$436.77 \$901.14 \$1,142.22 \$1,272.29 \$1,361.38 \$1,319.53 \$1,064.52	990 \$222.64 \$132.38	951 \$222.64 \$127.11	992 \$222.64 \$132.56	928 \$222.64 \$124.04	1,122 \$222.64 \$133.70	1,078 \$222.64 \$133.70	\$1,335.84 \$783.49	
28	\$ 222.64 \$0.1712 \$0.1399 \$0.6465 \$0.6465 \$0.6465 \$0.6465 \$0.6465 \$0.0465 \$0.0465 \$0.0465 \$0.0465 \$0.0465 \$0.0465	-1.10%  Nov 1,394 \$222.64 \$222.56 \$13.13 \$901.14	-1.14%  Dec 1,767  \$222.64 \$222.56 \$65.30  \$1,142.22	Jan 1,968 \$222.64 \$222.56 \$93.45 \$1,272.29	Feb 2,106 \$222.64 \$222.56 \$112.73 \$1,361.38	\$222.64 \$222.56 \$103.67 \$1,319.53	-1.13% Apr 1,647 \$222.64 \$222.56 \$48.49 \$1,064.52	*1.14% Winter 10,922 \$1,335.84 \$1,335.36 \$436.77 \$901.14 \$1,142.22 \$1,272.29 \$1,361.38 \$1,319.53 \$1,064.52	\$222.64 \$132.38 \$0.00	951 \$222.64	992 \$222.64	928	1,122 \$222.64	1,078 \$222.64	\$1,335.84 \$783.49 \$21.77	
28	\$ 222.64 \$0.1712 \$0.1399 \$0.6465 \$0.6465 \$0.6465 \$0.6465 \$0.6465 \$0.0472 \$ 222.64 \$0.1337 \$0.1087 \$0.4501	-1.10%  Nov 1,394 \$222.64 \$222.56 \$13.13 \$901.14	-1.14%  Dec 1,767  \$222.64 \$222.56 \$65.30  \$1,142.22	Jan 1,968 \$222.64 \$222.56 \$93.45 \$1,272.29	Feb 2,106 \$222.64 \$222.56 \$112.73 \$1,361.38	\$222.64 \$222.56 \$103.67 \$1,319.53	-1.13% Apr 1,647 \$222.64 \$222.56 \$48.49 \$1,064.52	*1.14% Winter 10,922 \$1,335.84 \$1,335.36 \$436.77 \$901.14 \$1,142.22 \$1,272.29 \$1,361.38 \$1,319.53 \$1,064.52	990 \$222.64 \$132.38	\$222.64 \$127.11 \$0.00	992 \$222.64 \$132.56	928 \$222.64 \$124.04	1,122 \$222.64 \$133.70	1,078 \$222.64 \$133.70	\$1,335.84 \$783.49 \$21.77	
28 Typical Usage: therms 29 Winter 2020 - 2021 30 Customer Charge units @ 31 First 1,300 units @ 32 Over 1,300 units @ 33 COG 1 34 COG 2 35 COG 3 36 COG 4 37 COG 5 38 COG 6 39 Winter Period Weighted Avg. COG 40 LDAC 41 Summer 2021 42 Customer Charge units @ 43 First 1,000 units @ 44 Over 1,000 units @ 45 COG 1 46 COG 2	\$ 222.64 \$0.1712 \$0.1399 \$0.6465 \$0.6465 \$0.6465 \$0.6465 \$0.6465 \$0.0472 \$ 222.64 \$0.1337 \$0.1087 \$0.4501 \$0.4501	-1.10%  Nov 1,394 \$222.64 \$222.56 \$13.13 \$901.14	-1.14%  Dec 1,767  \$222.64 \$222.56 \$65.30  \$1,142.22	Jan 1,968 \$222.64 \$222.56 \$93.45 \$1,272.29	Feb 2,106 \$222.64 \$222.56 \$112.73 \$1,361.38	\$222.64 \$222.56 \$103.67 \$1,319.53	-1.13% Apr 1,647 \$222.64 \$222.56 \$48.49 \$1,064.52	*1.14% Winter 10,922 \$1,335.84 \$1,335.36 \$436.77 \$901.14 \$1,142.22 \$1,272.29 \$1,361.38 \$1,319.53 \$1,064.52	\$222.64 \$132.38 \$0.00	951 \$222.64 \$127.11	\$222.64 \$132.56 \$0.00	928 \$222.64 \$124.04	1,122 \$222.64 \$133.70	1,078 \$222.64 \$133.70	\$1,335.84 \$783.49 \$21.77 \$445.64 \$427.90	
28	\$ 222.64 \$0.1712 \$0.1399 \$0.6465 \$0.6465 \$0.6465 \$0.6465 \$0.6465 \$0.0472 \$ 222.64 \$0.1337 \$0.1087 \$0.4501	-1.10%  Nov 1,394 \$222.64 \$222.56 \$13.13 \$901.14	-1.14%  Dec 1,767  \$222.64 \$222.56 \$65.30  \$1,142.22	Jan 1,968 \$222.64 \$222.56 \$93.45 \$1,272.29	Feb 2,106 \$222.64 \$222.56 \$112.73 \$1,361.38	\$222.64 \$222.56 \$103.67 \$1,319.53	-1.13% Apr 1,647 \$222.64 \$222.56 \$48.49 \$1,064.52	*1.14% Winter 10,922 \$1,335.84 \$1,335.36 \$436.77 \$901.14 \$1,142.22 \$1,272.29 \$1,361.38 \$1,319.53 \$1,064.52	\$222.64 \$132.38 \$0.00	\$222.64 \$127.11 \$0.00	992 \$222.64 \$132.56	928 \$222.64 \$124.04	1,122 \$222.64 \$133.70	1,078 \$222.64 \$133.70	\$1,335.84 \$783.49 \$21.77	
28 Typical Usage: therms 29 Winter 2020 - 2021 30 Customer Charge units @ 31 First 1,300 units @ 32 Over 1,300 units @ 33 COG 1 34 COG 2 35 COG 3 36 COG 4 37 COG 5 38 COG 6 39 Winter Period Weighted Avg. COG 40 LDAC 41 Summer 2021 42 Customer Charge units @ 43 First 1,000 units @ 44 Over 1,000 units @ 45 COG 1 46 COG 2	\$ 222.64 \$0.1712 \$0.1399 \$0.6465 \$0.6465 \$0.6465 \$0.6465 \$0.6465 \$0.0472 \$ 222.64 \$0.1337 \$0.1087 \$0.4501 \$0.4501	-1.10%  Nov 1,394 \$222.64 \$222.56 \$13.13 \$901.14	-1.14%  Dec 1,767  \$222.64 \$222.56 \$65.30  \$1,142.22	Jan 1,968 \$222.64 \$222.56 \$93.45 \$1,272.29	Feb 2,106 \$222.64 \$222.56 \$112.73 \$1,361.38	\$222.64 \$222.56 \$103.67 \$1,319.53	-1.13% Apr 1,647 \$222.64 \$222.56 \$48.49 \$1,064.52	*1.14% Winter 10,922 \$1,335.84 \$1,335.36 \$436.77 \$901.14 \$1,142.22 \$1,272.29 \$1,361.38 \$1,319.53 \$1,064.52	\$222.64 \$132.38 \$0.00	\$222.64 \$127.11 \$0.00	\$222.64 \$132.56 \$0.00	928 \$222.64 \$124.04	1,122 \$222.64 \$133.70	1,078 \$222.64 \$133.70	\$1,335.84 \$783.49 \$21.77 \$445.64 \$427.90	
28	\$ 222.64 \$0.1712 \$0.1399 \$0.6465 \$0.6465 \$0.6465 \$0.6465 \$0.0465 \$0.0472 \$ 222.64 \$0.1337 \$0.1087 \$0.4501 \$0.4501 \$0.4501	-1.10% Nov 1,394 \$222.64 \$222.56 \$13.13 \$901.14	-1.14%  Dec 1,767  \$222.64 \$222.56 \$65.30  \$1,142.22	Jan 1,968 \$222.64 \$222.56 \$93.45 \$1,272.29	Feb 2,106 \$222.64 \$222.56 \$112.73 \$1,361.38	\$222.64 \$222.56 \$103.67 \$1,319.53	-1.13% Apr 1,647 \$222.64 \$222.56 \$48.49 \$1,064.52	*1.14% Winter 10,922 \$1,335.84 \$1,335.36 \$436.77 \$901.14 \$1,142.22 \$1,272.29 \$1,361.38 \$1,319.53 \$1,064.52	\$222.64 \$132.38 \$0.00	\$222.64 \$127.11 \$0.00	\$222.64 \$132.56 \$0.00	\$222.64 \$124.04 \$0.00	\$222.64 \$133.70 \$13.27	1,078 \$222.64 \$133.70	\$1,335.84 \$783.49 \$21.77 \$445.64 \$427.90 \$446.27 \$417.59	
28 Typical Usage: therms 29 Winter 2020 - 2021 30 Customer Charge units @ 31 First 1,300 units @ 32 Over 1,300 units @ 33 COG 1 34 COG 2 35 COG 3 36 COG 4 37 COG 5 38 COG 6 39 Winter Period Weighted Avg. COG 40 LDAC 41 Summer 2021 42 Customer Charge units @ 43 First 1,000 units @ 44 Over 1,000 units @ 45 COG 1 46 COG 2 47 COG 3 48 COG 4 49 COG 5	\$ 222.64 \$0.1712 \$0.1399 \$0.6465 \$0.6465 \$0.6465 \$0.6465 \$0.6465 \$0.0472 \$ 222.64 \$0.1337 \$0.1087 \$0.4501 \$0.4501 \$0.4501 \$0.4501 \$0.4501 \$0.4501	-1.10% Nov 1,394 \$222.64 \$222.56 \$13.13 \$901.14	-1.14%  Dec 1,767  \$222.64 \$222.56 \$65.30  \$1,142.22	Jan 1,968 \$222.64 \$222.56 \$93.45 \$1,272.29	Feb 2,106 \$222.64 \$222.56 \$112.73 \$1,361.38	\$222.64 \$222.56 \$103.67 \$1,319.53	-1.13% Apr 1,647 \$222.64 \$222.56 \$48.49 \$1,064.52	*1.14% Winter 10,922 \$1,335.84 \$1,335.36 \$436.77 \$901.14 \$1,142.22 \$1,272.29 \$1,361.38 \$1,319.53 \$1,064.52	\$222.64 \$132.38 \$0.00	\$222.64 \$127.11 \$0.00	\$222.64 \$132.56 \$0.00	\$222.64 \$124.04 \$0.00	1,122 \$222.64 \$133.70	\$222.64 \$133.70 \$8.51	\$1,335.84 \$783.49 \$21.77 \$445.64 \$427.90 \$446.27 \$417.59 \$505.04	
28 Typical Usage: therms 29 Winter 2020 - 2021 30 Customer Charge units @ 31 First 1,300 units @ 32 Over 1,300 units @ 33 COG 1 34 COG 2 35 COG 3 36 COG 4 37 COG 5 38 COG 6 39 Winter Period Weighted Avg. COG 40 LDAC 41 Summer 2021 42 Customer Charge units @ 43 First 1,000 units @ 44 Over 1,000 units @ 45 COG 1 46 COG 2 47 COG 3 48 COG 4 49 COG 5 50 COG 6	\$ 222.64 \$0.1712 \$0.1399 \$0.6465 \$0.6465 \$0.6465 \$0.6465 \$0.6465 \$0.0472 \$ 222.64 \$0.1337 \$0.1087 \$0.4501 \$0.4501 \$0.4501 \$0.4501 \$0.4501	-1.10% Nov 1,394 \$222.64 \$222.56 \$13.13 \$901.14	-1.14%  Dec 1,767  \$222.64 \$222.56 \$65.30  \$1,142.22	Jan 1,968 \$222.64 \$222.56 \$93.45 \$1,272.29	Feb 2,106 \$222.64 \$222.56 \$112.73 \$1,361.38	\$222.64 \$222.56 \$103.67 \$1,319.53	-1.13% Apr 1,647 \$222.64 \$222.56 \$48.49 \$1,064.52	*1.14% Winter 10,922 \$1,335.84 \$1,335.36 \$436.77 \$901.14 \$1,142.22 \$1,272.29 \$1,361.38 \$1,319.53 \$1,064.52	\$222.64 \$132.38 \$0.00	\$222.64 \$127.11 \$0.00	\$222.64 \$132.56 \$0.00	\$222.64 \$124.04 \$0.00	\$222.64 \$133.70 \$13.27	1,078 \$222.64 \$133.70	\$1,335.84 \$783.49 \$21.77 \$445.64 \$427.90 \$446.27 \$417.59	
28 Typical Usage: therms 29 Winter 2020 - 2021 30 Customer Charge units @ 32 Over 1,300 units @ 33 COG 1 34 COG 2 35 COG 3 36 COG 4 37 COG 5 38 COG 6 39 Winter Period Weighted Avg. COG 40 LDAC 41 Summer 2021 42 Customer Charge units @ 43 First 1,000 units @ 44 Over 1,000 units @ 45 COG 1 46 COG 2 47 COG 3 48 COG 4 49 COG 5 50 COG 6 51 Summer Period Weighted Avg. COG	\$ 222.64 \$0.1712 \$0.1399 \$0.6465 \$0.6465 \$0.6465 \$0.6465 \$0.0465 \$0.0472 \$ 222.64 \$0.1337 \$0.1087 \$0.4501 \$0.4501 \$0.4501 \$0.4501 \$0.4501 \$0.4501 \$0.4501	-1.10% Nov 1,394 \$222.64 \$222.56 \$13.13 \$901.14	-1.14%  Dec 1,767  \$222.64 \$222.56 \$65.30  \$1,142.22	Jan 1,968 \$222.64 \$222.56 \$93.45 \$1,272.29	Feb 2,106 \$222.64 \$222.56 \$112.73 \$1,361.38	\$222.64 \$222.56 \$103.67 \$1,319.53	-1.13% Apr 1,647 \$222.64 \$222.56 \$48.49 \$1,064.52	*1.14% Winter 10,922 \$1,335.84 \$1,335.36 \$436.77 \$901.14 \$1,142.22 \$1,272.29 \$1,361.38 \$1,319.53 \$1,064.52	\$222.64 \$132.38 \$0.00 \$445.64	\$222.64 \$127.11 \$0.00 \$427.90	\$222.64 \$132.56 \$0.00	\$222.64 \$124.04 \$0.00	\$222.64 \$133.70 \$13.27	\$222.64 \$133.70 \$8.51	\$1,335.84 \$783.49 \$21.77 \$445.64 \$427.90 \$446.27 \$417.59 \$505.04 \$485.32	
28 Typical Usage: therms 29 Winter 2020 - 2021 30 Customer Charge units @ 31 First 1,300 units @ 32 Over 1,300 units @ 33 COG 1 34 COG 2 35 COG 3 36 COG 4 37 COG 5 38 COG 6 39 Winter Period Weighted Avg. COG 40 LDAC 41 Summer 2021 42 Customer Charge units @ 43 First 1,000 units @ 44 Over 1,000 units @ 45 COG 1 46 COG 2 47 COG 3 48 COG 4 49 COG 5 50 COG 6	\$ 222.64 \$0.1712 \$0.1399 \$0.6465 \$0.6465 \$0.6465 \$0.6465 \$0.6465 \$0.0472 \$ 222.64 \$0.1337 \$0.1087 \$0.4501 \$0.4501 \$0.4501 \$0.4501 \$0.4501	-1.10% Nov 1,394 \$222.64 \$222.56 \$13.13 \$901.14	-1.14%  Dec 1,767  \$222.64 \$222.56 \$65.30  \$1,142.22	Jan 1,968 \$222.64 \$222.56 \$93.45 \$1,272.29	Feb 2,106 \$222.64 \$222.56 \$112.73 \$1,361.38	\$222.64 \$222.56 \$103.67 \$1,319.53	-1.13% Apr 1,647 \$222.64 \$222.56 \$48.49 \$1,064.52	*1.14% Winter 10,922 \$1,335.84 \$1,335.36 \$436.77 \$901.14 \$1,142.22 \$1,272.29 \$1,361.38 \$1,319.53 \$1,064.52	\$222.64 \$132.38 \$0.00	\$222.64 \$127.11 \$0.00	\$222.64 \$132.56 \$0.00	\$222.64 \$124.04 \$0.00	\$222.64 \$133.70 \$13.27	\$222.64 \$133.70 \$8.51	\$1,335.84 \$783.49 \$21.77 \$445.64 \$427.90 \$446.27 \$417.59 \$505.04	
28 Typical Usage: therms 29 Winter 2020 - 2021 30 Customer Charge units @ 31 First 1,300 units @ 32 Over 1,300 units @ 33 COG 1 34 COG 2 35 COG 3 36 COG 4 37 COG 5 38 COG 6 39 Winter Period Weighted Avg. COG 40 LDAC 41 Summer 2021 42 Customer Charge units @ 43 First 1,000 units @ 44 Over 1,000 units @ 45 COG 1 46 COG 2 47 COG 3 48 COG 4 49 COG 5 50 COG 6 51 Summer Period Weighted Avg. COG 52 LDAC	\$ 222.64 \$0.1712 \$0.1399 \$0.6465 \$0.6465 \$0.6465 \$0.6465 \$0.0472 \$ 222.64 \$0.1337 \$0.1087 \$0.4501 \$0.4501 \$0.4501 \$0.4501 \$0.4501 \$0.4501 \$0.4501 \$0.4501 \$0.4501 \$0.4501 \$0.4501 \$0.4501 \$0.4501 \$0.4501 \$0.4501 \$0.472	-1.10%  Nov 1,394 \$222.64 \$222.56 \$13.13 \$901.14	-1.14%  Dec 1,767  \$222.64 \$222.56 \$65.30  \$1,142.22	Jan 1,968 \$222.64 \$222.56 \$93.45 \$1,272.29 \$92.89	Feb 2,106 \$222.64 \$222.56 \$112.73 \$1,361.38	Mar 2,041 \$222.64 \$222.56 \$103.67 \$1,319.53 \$96.34	-1.13% Apr 1,647 \$222.64 \$222.56 \$48.49 \$1,064.52 \$77.72	**************************************	\$222.64 \$132.38 \$0.00 \$445.64	\$222.64 \$127.11 \$0.00 \$427.90	\$222.64 \$132.56 \$0.00 \$446.27	\$222.64 \$124.04 \$0.00 \$417.59	\$222.64 \$133.70 \$13.27 \$505.04	\$222.64 \$133.70 \$8.51 \$485.32 \$50.89	\$1,335.84 \$783.49 \$21.77 \$445.64 \$427.90 \$446.27 \$417.59 \$505.04 \$485.32 \$286.05	16,982
28	\$ 222.64 \$0.1712 \$0.1399 \$0.6465 \$0.6465 \$0.6465 \$0.6465 \$0.0465 \$0.0472 \$ 222.64 \$0.1337 \$0.1087 \$0.4501 \$0.4501 \$0.4501 \$0.4501 \$0.4501 \$0.4501 \$0.4501	-1.10%  Nov 1,394 \$222.64 \$222.56 \$13.13 \$901.14	-1.14%  Dec 1,767  \$222.64 \$222.56 \$65.30  \$1,142.22	Jan 1,968 \$222.64 \$222.56 \$93.45 \$1,272.29 \$92.89	Feb 2,106 \$222.64 \$222.56 \$112.73 \$1,361.38	Mar 2,041 \$222.64 \$222.56 \$103.67 \$1,319.53 \$96.34	-1.13% Apr 1,647 \$222.64 \$222.56 \$48.49 \$1,064.52	*1.14% Winter 10,922 \$1,335.84 \$1,335.36 \$436.77 \$901.14 \$1,142.22 \$1,272.29 \$1,361.38 \$1,319.53 \$1,064.52	\$222.64 \$132.38 \$0.00 \$445.64	\$222.64 \$127.11 \$0.00 \$427.90	\$222.64 \$132.56 \$0.00	\$222.64 \$124.04 \$0.00	\$222.64 \$133.70 \$13.27	\$222.64 \$133.70 \$8.51	\$1,335.84 \$783.49 \$21.77 \$445.64 \$427.90 \$446.27 \$417.59 \$505.04 \$485.32 \$286.05	
28 Typical Usage: therms 29 Winter 2020 - 2021 30 Customer Charge units @ 31 First 1,300 units @ 32 Over 1,300 units @ 33 COG 1 34 COG 2 35 COG 3 36 COG 4 37 COG 5 38 COG 6 39 Winter Period Weighted Avg. COG 40 LDAC 41 Summer 2021 42 Customer Charge units @ 43 First 1,000 units @ 44 Over 1,000 units @ 45 COG 1 46 COG 2 47 COG 3 48 COG 4 49 COG 5 50 COG 6 51 Summer Period Weighted Avg. COG 52 LDAC	\$ 222.64 \$0.1712 \$0.1399 \$0.6465 \$0.6465 \$0.6465 \$0.6465 \$0.0472 \$ 222.64 \$0.1337 \$0.1087 \$0.4501 \$0.4501 \$0.4501 \$0.4501 \$0.4501 \$0.4501 \$0.4501 \$0.4501 \$0.4501 \$0.4501 \$0.4501 \$0.4501 \$0.4501 \$0.4501 \$0.4501 \$0.472	-1.10%  Nov 1,394 \$222.64 \$222.56 \$13.13 \$901.14	-1.14%  Dec 1,767  \$222.64 \$222.56 \$65.30  \$1,142.22	Jan 1,968 \$222.64 \$222.56 \$93.45 \$1,272.29 \$92.89	Feb 2,106 \$222.64 \$222.56 \$112.73 \$1,361.38	Mar 2,041 \$222.64 \$222.56 \$103.67 \$1,319.53 \$96.34	-1.13% Apr 1,647 \$222.64 \$222.56 \$48.49 \$1,064.52 \$77.72	**************************************	\$222.64 \$132.38 \$0.00 \$445.64	\$222.64 \$127.11 \$0.00 \$427.90	\$222.64 \$132.56 \$0.00 \$446.27	\$222.64 \$124.04 \$0.00 \$417.59	\$222.64 \$133.70 \$13.27 \$505.04	\$222.64 \$133.70 \$8.51 \$485.32 \$50.89	\$1,335.84 \$783.49 \$21.77 \$445.64 \$427.90 \$446.27 \$417.59 \$505.04 \$485.32 \$286.05	16,982
28 Typical Usage: therms 29 Winter 2020 - 2021 30 Customer Charge in Its @ 31 First 1,300 units @ 32 Over 1,300 units @ 33 COG 1 34 COG 2 35 COG 3 36 COG 4 37 COG 5 38 COG 6 39 Winter Period Weighted Avg. COG 40 LDAC 41 Summer 2021 42 Customer Charge units @ 43 First 1,000 units @ 44 Over 1,000 units @ 45 COG 1 46 COG 2 47 COG 3 48 COG 4 49 COG 5 50 COG 6 51 Summer Period Weighted Avg. COG	\$ 222.64 \$0.1712 \$0.1399 \$0.6465 \$0.6465 \$0.6465 \$0.6465 \$0.0472 \$ 222.64 \$0.1337 \$0.1087 \$0.4501 \$0.4501 \$0.4501 \$0.4501 \$0.4501 \$0.4501 \$0.4501 \$0.4501 \$0.4501	-1.10%  Nov 1,394 \$222.64 \$222.56 \$13.13 \$901.14  \$65.79	-1.14%  Dec 1.767 \$222.64 \$222.56 \$65.30 \$1,142.22 \$83.39	Jan 1,968 \$222.64 \$222.56 \$93.45 \$1,272.29 \$92.89	Feb 2,106 \$222.64 \$222.56 \$112.73 \$1,361.38 \$99.39	Mar 2,041 \$222.64 \$222.56 \$103.67 \$1,319.53 \$96.34	-1.13% Apr 1,647 \$222.64 \$222.56 \$48.49 \$1,064.52 \$77.72	**************************************	\$222.64 \$132.38 \$0.00 \$445.64 \$46.73	\$222.64 \$127.11 \$0.00 \$427.90 \$444.87	\$222.64 \$132.56 \$0.00 \$446.27	\$222.64 \$124.04 \$0.00 \$417.59 \$43.79	\$222.64 \$133.70 \$13.27 \$505.04 \$52.96	\$222.64 \$133.70 \$8.51 \$485.32 \$50.89	\$1,335.84 \$783.49 \$21.77 \$445.64 \$427.90 \$446.27 \$417.59 \$505.04 \$485.32 \$286.05	\$15,839.49

Northern Utilities, Inc. New Hampshire Division Attachment NUI-SED-3 Page 5 of 10

Impact of Rate Changes on Residential Heating Bills by Usage Level Forecast Winter 2021-2022 vs. Actual Winter 2020-2021

Residential Heating		
	Winter 2020- 2021	Winter 2021- 2022
Customer Charge	\$22.20	\$22.20
First 50 Therms	\$0.6920	\$0.6920
Over 50 therms	\$0.6920	\$0.6920
LDAC	\$0.1099	\$0.0631
CGA	\$0.7315	\$0.9392

Usa (Ther	_	Winter 2020-2021 Bill Amount	Winter 2021-2022 Bill Amount	Total	Bill	Base I	Rate	CG	SA.	LDA	AC
	5	\$29.87	\$30.67	\$0.80	2.7%	\$0.00	0.0%	\$1.04	3.5%	(\$0.23)	-0.8%
	10	\$37.53	\$39.14	\$1.61	4.3%	\$0.00	0.0%	\$2.08	5.5%	(\$0.47)	-1.3%
	20	\$52.87	\$56.09	\$3.22	6.1%	\$0.00	0.0%	\$4.15	7.8%	(\$0.94)	-1.8%
	25	\$60.54	\$64.56	\$4.02	6.6%	\$0.00	0.0%	\$5.19	8.6%	(\$1.17)	-1.9%
	30	\$68.20	\$73.03	\$4.83	7.1%	\$0.00	0.0%	\$6.23	9.1%	(\$1.40)	-2.1%
	45	\$91.20	\$98.44	\$7.24	7.9%	\$0.00	0.0%	\$9.35	10.3%	(\$2.11)	-2.3%
	50	\$98.87	\$106.92	\$8.04	8.1%	\$0.00	0.0%	\$10.39	10.5%	(\$2.34)	-2.4%
	75	\$137.21	\$149.27	\$12.07	8.8%	\$0.00	0.0%	\$15.58	11.4%	(\$3.51)	-2.6%
Monthly*	125	\$213.88	\$233.99	\$20.11	9.4%	\$0.00	0.0%	\$25.96	12.1%	(\$5.85)	-2.7%
	150	\$252.21	\$276.35	\$24.14	9.6%	\$0.00	0.0%	\$31.16	12.4%	(\$7.02)	-2.8%
	200	\$328.88	\$361.06	\$32.18	9.8%	\$0.00	0.0%	\$41.54	12.6%	(\$9.36)	-2.8%

<sup>\*</sup> Monthly amount for benchmarking purposes, does not represent the average monthly use of Northern's residential class.

Typical Residential Heating Bill - 133 therms/Summer Comparison of Summer 2022 vs. Summer 2021

4					A 1		0.4	0
Tombotton (4)	1	May	June	July	August	Sept	October	Summer
2 Typical Usage: therms(*)		51	21	14	12	15	21	<u>13</u>
3 Summer 2022								
Customer Charge units @	\$22.20	\$22.20	\$22.20	\$22.20	\$22.20	\$22.20	\$22.20	\$133.2
First 50 units @	\$0.6099	\$30.50	\$12.91	\$8.53	\$7.09	\$9.07	\$12.73	\$80.8
Over 50 units @	\$0.6099	\$0.36	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.3
COG 1	\$0.5176	\$26.18						\$26.1
COG 2	\$0.5176		\$10.95	<b>^-</b> ~ .				\$10.9
9 COG 3	\$0.5176			\$7.24	<b>*</b> 0.00			\$7.2
COG 4	\$0.5176				\$6.02	4		\$6.0
1 COG 5	\$0.5176					\$7.70		\$7.7
2 COG 6	\$0.5176						\$10.80	\$10.8
Summer Period 2022 Avg. COG	\$0.5176 *							
4 LDAC	\$0.0631	\$3.19	\$1.34	\$0.88	\$0.73	\$0.94	\$1.32	\$8.4
5	TOTAL	\$82.43	\$47.40	\$38.86	\$36.04	\$39.91	\$47.05	\$291.6
Base Rate Change	\$ Change	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.0
	% Change	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00
COG Change	\$ Change	\$1.04	\$0.44	\$0.29	\$0.24	\$0.31	\$0.43	\$2.7
	% Change	1.24%	0.91%	0.73%	0.66%	0.76%	0.90%	0.93
LDAC Change	\$ Change	-\$2.37	-\$0.99	-\$0.65	-\$0.54	-\$0.70	-\$0.98	-\$6.2
25/10 Change	% Change	-2.83%	-2.07%	-1.67%	-1.50%	-1.73%	-2.05%	-2.119
6		May	June	July	August	Sept	October	Summe
7 Typical Usage: therms		51	21	14	12	15	21	13
Summer 2021		•						
9 Customer Charge units @	\$22.20	\$22.20	\$22.20	\$22.20	\$22.20	\$22.20	\$22.20	\$133.2
First 50 units @	\$0.6099	\$30.50	\$12.91	\$8.53	\$7.09	\$9.07	\$12.73	\$80.8
1 Over 50 units @	\$0.6099	\$0.36	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.3
COG 1	\$0.4970	\$25.14						\$25.1
3 COG 2	\$0.4970		\$10.52					\$10.5
4 COG 3	\$0.4970			\$6.95				\$6.9
5 COG 4	\$0.4970				\$5.78			\$5.7
COG 5	\$0.4970					\$7.39		\$7.3
7 COG 6	\$0.4970						\$10.37	\$10.3
Summer Period 2021 Avg. COG	\$0.4970 *							
	\$0.1099	\$5.56	\$2.33	\$1.54	\$1.28	\$1.63	\$2.29	\$14.6
9 LDAC	70000							
9 LDAC 0	TOTAL	\$83.75	\$47.95	\$39.22	\$36.34	\$40.30	\$47.59	\$295.1
	TOTAL	\$83.75 -\$1.33	\$47.95 -\$0.55	\$39.22 -\$0.37	\$36.34 -\$0.30	\$40.30 -\$0.39	\$47.59 -\$0.55	
0		•		·	·	•	· · · · · · · · · · · · · · · · · · ·	\$295.10 -\$3.45 -1.18%

<sup>\*-</sup>Note- Weighted by usage. Actual Weather Normalized.

Typical G-40 Commercial & Industrial Bill - 283 therms/Summer Comparison of Summer 2022 vs. Summer 2021

			May	June	July	August	Sept	October	Summer
2	Typical Usage: therms(*)		122	42	24	20	31	44	<u>283</u>
3	Summer 2022								
	Sustainer Sharge annie @	\$75.09	\$75.09	\$75.09	\$75.09	\$75.09	\$75.09	\$75.09	\$450.54
5	First 75 units @	\$0.1865	\$13.99	\$7.90	\$4.41	\$3.75	\$5.85	\$8.27	\$44.17
6	Over 75 units @	\$0.1865	\$8.70	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$8.70
7		\$0.4554	\$55.40						\$55.40
8		\$0.4554		\$19.28					\$19.28
9		\$0.4554			\$10.77				\$10.77
10		\$0.4554				\$9.15			\$9.15
11		\$0.4554					\$14.29		\$14.29
12		\$0.4554						\$20.20	\$20.20
13		\$0.4554 *							
14	LDAC	\$0.0360	\$4.38	\$1.52	\$0.85	\$0.72	\$1.13	\$1.60	\$10.21
15		TOTAL	\$157.55	\$103.80	\$91.13	\$88.71	\$96.37	\$105.16	<u>\$642.72</u>
	Base Rate Change	\$ Change	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
		% Change	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	COG Change	\$ Change	-\$8.97	-\$3.12	-\$1.74	-\$1.48	-\$2.31	-\$3.27	-\$20.89
		% Change	-5.34%	-2.91%	-1.87%	-1.64%	-2.34%	-3.00%	-3.13%
	LDAC Change	\$ Change	-\$1.36	-\$0.47	-\$0.26	-\$0.23	-\$0.35	-\$0.50	-\$3.18
		% Change	-0.81%	-0.44%	-0.28%	-0.25%	-0.35%	-0.46%	-0.48%
16				luna	July	August	Sept		
			l Mav	June				October	Summer
			<b>May</b> 122	June 42	24	20	31	October 44	Summer 283
17 18	Typical Usage: therms								<u>Summer</u> <u>283</u>
17 18	Typical Usage: therms	\$75.09							
17 18 19	Typical Usage: therms Summer 2021	\$75.09 \$0.1865	122	42	24	20	31	44	283
17 18 19 20	Typical Usage: therms  Summer 2021  Customer Charge units @		122 \$75.09	\$75.09	\$75.09	20 \$75.09	\$75.09	\$75.09	<b>283</b> \$450.54
17 18 19 20	Typical Usage: therms  Summer 2021  Customer Charge units @ First 75 units @ Over 75 units @	\$0.1865	\$75.09 \$13.99	\$75.09 \$7.90	\$75.09 \$4.41	\$75.09 \$3.75	\$75.09 \$5.85	\$75.09 \$8.27	\$450.54 \$44.17
17 18 19 20 21	Typical Usage: therms  Summer 2021  Customer Charge units @ First 75 units @ Over 75 units @ COG 1	\$0.1865 \$0.1865	\$75.09 \$13.99 \$8.70	\$75.09 \$7.90	\$75.09 \$4.41	\$75.09 \$3.75	\$75.09 \$5.85	\$75.09 \$8.27	\$450.54 \$44.17 \$8.70 \$64.36 \$22.41
17 18 19 20 21 22	Typical Usage: therms  Summer 2021  Customer Charge units @ First 75 units @ Over 75 units @ COG 1 COG 2	\$0.1865 \$0.1865 \$0.5291	\$75.09 \$13.99 \$8.70	\$75.09 \$7.90 \$0.00	\$75.09 \$4.41	\$75.09 \$3.75	\$75.09 \$5.85	\$75.09 \$8.27	\$450.54 \$44.17 \$8.70 \$64.36 \$22.41 \$12.52
17 18 19 20 21 22 23	Typical Usage: therms  Summer 2021  Customer Charge units @ First 75 units @ Over 75 units @ COG 1 COG 2 COG 3	\$0.1865 \$0.1865 \$0.5291 \$0.5291	\$75.09 \$13.99 \$8.70	\$75.09 \$7.90 \$0.00	\$75.09 \$4.41 \$0.00	\$75.09 \$3.75	\$75.09 \$5.85	\$75.09 \$8.27	\$450.54 \$44.17 \$8.70 \$64.36 \$22.41
17 18 19 20 21 22 23 24	Typical Usage: therms  Summer 2021  Customer Charge units @ First 75 units @ Over 75 units @ COG 1 COG 2 COG 3 COG 4	\$0.1865 \$0.1865 \$0.5291 \$0.5291 \$0.5291	\$75.09 \$13.99 \$8.70	\$75.09 \$7.90 \$0.00	\$75.09 \$4.41 \$0.00	\$75.09 \$3.75 \$0.00	\$75.09 \$5.85	\$75.09 \$8.27	\$450.54 \$44.17 \$8.70 \$64.36 \$22.41 \$12.52
17 18 19 20 21 22 23 24 25	Typical Usage: therms  Summer 2021  Customer Charge units @ First 75 units @ Over 75 units @ COG 1 COG 2 COG 3 COG 4 COG 5	\$0.1865 \$0.1865 \$0.5291 \$0.5291 \$0.5291 \$0.5291	\$75.09 \$13.99 \$8.70	\$75.09 \$7.90 \$0.00	\$75.09 \$4.41 \$0.00	\$75.09 \$3.75 \$0.00	\$75.09 \$5.85 \$0.00	\$75.09 \$8.27	\$450.54 \$44.17 \$8.70 \$64.36 \$22.41 \$12.52 \$10.63
17 18 19 20 21 22 23 24 25 26	Typical Usage: therms  Summer 2021  Customer Charge units @ First 75 units @ Over 75 units @ COG 1 COG 2 COG 3 COG 4 COG 5 COG 6	\$0.1865 \$0.1865 \$0.5291 \$0.5291 \$0.5291 \$0.5291 \$0.5291	\$75.09 \$13.99 \$8.70	\$75.09 \$7.90 \$0.00	\$75.09 \$4.41 \$0.00	\$75.09 \$3.75 \$0.00	\$75.09 \$5.85 \$0.00	\$75.09 \$8.27 \$0.00	\$450.54 \$44.17 \$8.70 \$64.36 \$22.41 \$12.52 \$10.63 \$16.61
17 18 19 20 21 22 23 24 25 26 27	Typical Usage: therms  Summer 2021  Customer Charge units @ First 75 units @ Over 75 units @ COG 1 COG 2 COG 3 COG 4 COG 5 COG 6 Summer Period 2021 Avg. COG	\$0.1865 \$0.1865 \$0.5291 \$0.5291 \$0.5291 \$0.5291 \$0.5291 \$0.5291	\$75.09 \$13.99 \$8.70	\$75.09 \$7.90 \$0.00	\$75.09 \$4.41 \$0.00	\$75.09 \$3.75 \$0.00	\$75.09 \$5.85 \$0.00	\$75.09 \$8.27 \$0.00	\$450.54 \$44.17 \$8.70 \$64.36 \$22.41 \$12.52 \$10.63 \$16.61
17 18 19 20 21 22 23 24 25 26 27 28	Typical Usage: therms  Summer 2021  Customer Charge units @ First 75 units @ Over 75 units @ COG 1 COG 2 COG 3 COG 4 COG 5 COG 6 Summer Period 2021 Avg. COG	\$0.1865 \$0.1865 \$0.5291 \$0.5291 \$0.5291 \$0.5291 \$0.5291 \$0.5291 \$0.5291	\$75.09 \$13.99 \$8.70 \$64.36	\$75.09 \$7.90 \$0.00 \$22.41	\$75.09 \$4.41 \$0.00 \$12.52	\$75.09 \$3.75 \$0.00 \$10.63	\$75.09 \$5.85 \$0.00 \$16.61	\$75.09 \$8.27 \$0.00	\$450.54 \$44.17 \$8.70 \$64.36 \$22.41 \$12.52 \$10.63 \$16.61 \$23.47
17 18 19 20 21 22 23 24 25 26 27 28 29	Typical Usage: therms  Summer 2021  Customer Charge units @ First 75 units @ Over 75 units @ COG 1 COG 2 COG 3 COG 4 COG 5 COG 6  Summer Period 2021 Avg. COG	\$0.1865 \$0.1865 \$0.5291 \$0.5291 \$0.5291 \$0.5291 \$0.5291 \$0.5291 \$0.0472	\$75.09 \$13.99 \$8.70 \$64.36	\$75.09 \$7.90 \$0.00 \$22.41	\$75.09 \$4.41 \$0.00 \$12.52	\$75.09 \$3.75 \$0.00 \$10.63	\$75.09 \$5.85 \$0.00 \$16.61 \$1.48	\$75.09 \$8.27 \$0.00 \$23.47 \$2.09	\$450.54 \$44.17 \$8.70 \$64.36 \$22.41 \$12.52 \$10.63 \$16.61 \$23.47 \$13.38
17 18 19 20 21 22 23 24 25 26 27 28 29	Typical Usage: therms  Summer 2021  Customer Charge units @ First 75 units @ Over 75 units @ COG 1 COG 2 COG 3 COG 4 COG 5 COG 6 Summer Period 2021 Avg. COG	\$0.1865 \$0.1865 \$0.5291 \$0.5291 \$0.5291 \$0.5291 \$0.5291 \$0.5291 \$0.0472	\$75.09 \$13.99 \$8.70 \$64.36 \$5.74	\$75.09 \$7.90 \$0.00 \$22.41 \$2.00 \$107.39	\$75.09 \$4.41 \$0.00 \$12.52 \$1.12 \$93.14	\$75.09 \$3.75 \$0.00 \$10.63 \$0.95	\$15.09 \$5.85 \$0.00 \$16.61 \$1.48 \$99.03	\$75.09 \$8.27 \$0.00 \$23.47 \$2.09 \$108.93	\$450.54 \$44.17 \$8.70 \$64.36 \$22.41 \$12.52 \$10.63 \$16.61 \$23.47 \$13.38

<sup>\*-</sup>Note- Weighted by usage. Actual Weather Normalized.

Typical G-41 Commercial & Industrial Bill - 3,509 therms/Summer Comparison of Summer 2022 vs. Summer 2021

1				May	June	July	August	Sept	October	Summer
2		Typical Usage: therms(1)		1,273	552	360	210	438	676	<u>3,509</u>
3		Summer 2022								
4	Customer Charge	units @	\$222.64	\$222.64	\$222.64	\$222.64	\$222.64	\$222.64	\$222.64	\$1,335.84
5	All	units @	\$0.1895	\$241.20	\$104.63	\$68.21	\$39.75	\$83.08	\$128.04	\$664.90
6		COG 1	\$0.4554	\$579.63						\$579.63
7		COG 2	\$0.4554		\$251.43					\$251.43
8		COG 3	\$0.4554			\$163.93				\$163.93
9		COG 4	\$0.4554				\$95.52			\$95.52
10		COG 5	\$0.4554					\$199.65		\$199.65
11		COG 6	\$0.4554						\$307.70	\$307.70
12		Summer Period 2022 Avg. COG	\$0.4554 *							
13		LDAC	\$0.0360	\$45.82	\$19.88	\$12.96	\$7.55	\$15.78	\$24.32	\$126.31
14			TOTAL	\$1,089.29	\$598.57	\$467.74	\$365.46	\$521.15	\$682.71	<u>\$3,724.92</u>
	Base Rate Change		\$ Change	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
			% Change	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	COG Change		\$ Change	-\$93.81	-\$40.69	-\$26.53	-\$15.46	-\$32.31	-\$49.80	-\$258.59
			% Change	-7.83%	-6.30%	-5.32%	-4.03%	-5.79%	-6.73%	-6.43%
	LDAC Change		\$ Change	-\$14.26	-\$6.18	-\$4.03	-\$2.35	-\$4.91	-\$7.57	-\$39.30
			% Change	-1.19%	-0.96%	-0.81%	-0.61%	-0.88%	-1.02%	-0.98%
			•							
15				May	June	July	August	Sept	October	Summer
16		Typical Usage: therms		1,273	552	360	210	438	676	3,509
17		Summer 2021	<u> </u>							
18	Customer Charge	units @	\$222.64	\$222.64	\$222.64	\$222.64	\$222.64	\$222.64	\$222.64	\$1,335.84
	All	units @	\$0.1895	\$241.20	\$104.63	\$68.21	\$39.75	\$83.08	\$128.04	\$664.90
20		COG 1	\$0.5291	\$673.44						\$673.44
21		COG 2	\$0.5291		\$292.12					\$292.12
22		COG 3	\$0.5291			\$190.46				\$190.46
23		COG 4	\$0.5291				\$110.98			\$110.98
24		COG 5	\$0.5291					\$231.96		\$231.96
25		COG 6	\$0.5291						\$357.50	\$357.50
26		Summer Period 2021 Avg. COG	\$0.5291 *							
27	,	LDAC	\$0.0472	\$60.08	\$26.06	\$16.99	\$9.90	\$20.69	\$31.89	\$165.61
28			TOTAL	\$1,197.35	\$645.45	\$498.30	\$383.27	\$558.37	\$740.07	\$4,022.81
29			Change	-\$108.06	-\$46.87	-\$30.56	-\$17.81	-\$37.22	-\$57.37	<u>-\$297.89</u>
30			% Chg	-9.02%	-7.26%	-6.13%	-4.65%	-6.67%	-7.75%	-7.41%
		Weighted by usage Actual Weathe	•			· <del>-</del>			[	

<sup>\*-</sup>Note- Weighted by usage. Actual Weather Normalized.

Typical G-51 Commercial & Industrial Bill - 6,060 therms/Summer Comparison of Summer 2022 vs. Summer 2021

									T T	
1	_			May	June	July	August	Sept	October	Summer
2		Typical Usag	e: therms(1)	990	951	992	928	1,122	1,078	<u>6.060</u>
3	Sur	mmer 2022							-	
4 Customer Char	ge	units @	\$222.64	\$222.64	\$222.64	\$222.64	\$222.64	\$222.64	\$222.64	\$1,335.84
5 First		1,000 units @	\$0.1337	\$132.38	\$127.11	\$132.56	\$124.04	\$133.70	\$133.70	\$783.49
6 Over		1,000 units @	\$0.1087	\$0.00	\$0.00	\$0.00	\$0.00	\$13.27	\$8.51	\$21.77
7		COG 1	\$0.4741	\$469.41						\$469.41
8		COG 2	\$0.4741		\$450.72					\$450.72
9		COG 3	\$0.4741			\$470.07				\$470.07
10		COG 4	\$0.4741				\$439.85			\$439.85
11		COG 5	\$0.4741					\$531.97		\$531.97
12		COG 6	\$0.4741						\$511.20	\$511.20
13	Summe	er Period 2022 Avg. CO	G \$0.4741 *							
14		LDAC	\$0.0360	\$35.64	\$34.22	\$35.69	\$33.40	\$40.39	\$38.82	\$218.17
15			TOTAL	\$860.07	\$834.69	\$860.97	\$819.93	\$941.97	\$914.86	\$5,232.49
Base Rate Cha	nge		\$ Change	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
			% Change	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
COG Change			\$ Change	\$266.44	\$255.83	\$353.97	\$331.21	\$235.41	\$226.22	\$1,669.07
			% Change	44.89%	44.20%	69.83%	67.78%	33.32%	32.85%	46.85%
LDAC Change			\$ Change	\$0.10	\$0.10	\$0.10	\$0.09	\$0.11	\$0.11	\$0.61
LDAC Change			\$ Change % Change	\$0.10 0.02%	\$0.10 0.02%	\$0.10 0.02%	\$0.09 0.02%	\$0.11 0.02%	\$0.11 0.02%	<b>\$0.61</b> 0.02%
ű				0.02%	0.02%	0.02%	0.02%	0.02%	0.02%	0.02%
16		Tuning I I I no	% Change	0.02% <b>May</b>	0.02% June	0.02% <b>July</b>	0.02% August	0.02% Sept	0.02% October	0.02% <u>Summer</u>
16 17	Cur	Typical Usag	% Change	0.02%	0.02%	0.02%	0.02%	0.02%	0.02%	0.02%
16 17 18		mmer 2021	% Change	0.02% <b>May</b> 990	0.02% <b>June</b> 951	0.02% <b>July</b> 992	0.02% August 928	0.02% <b>Sept</b> 1,122	0.02% October 1,078	0.02% Summer 6,060
16 17 18 19 Customer Char		mmer 2021 units @	% Change e: therms	0.02%  May 990  \$222.64	0.02%  June 951  \$222.64	0.02%  July 992  \$222.64	0.02%  August 928  \$222.64	0.02%  Sept 1,122  \$222.64	0.02% October 1,078 \$222.64	0.02%  Summer 6,060  \$1,335.84
16 17 18 19 Customer Char 20 First		nmer 2021 units @ 1,000 units @	% Change e: therms \$222.64 \$0.1337	0.02%  May 990  \$222.64 \$132.38	0.02%  June 951  \$222.64 \$127.11	0.02%  July 992  \$222.64 \$132.56	0.02%  August 928  \$222.64 \$124.04	0.02%  Sept 1,122  \$222.64 \$133.70	0.02%  October 1,078  \$222.64 \$133.70	0.02%  Summer 6,060  \$1,335.84 \$783.49
16 17 18 19 Customer Char 20 First 21 Over		nmer 2021 units @ 1,000 units @ 1,000 units @	% Change e: therms  \$222.64 \$0.1337 \$0.1087	0.02%  May 990  \$222.64 \$132.38 \$0.00	0.02%  June 951  \$222.64	0.02%  July 992  \$222.64	0.02%  August 928  \$222.64	0.02%  Sept 1,122  \$222.64	0.02% October 1,078 \$222.64	0.02%  Summer 6,060  \$1,335.84 \$783.49 \$21.77
16 17 18 19 Customer Char 20 First 21 Over		mmer 2021 units @ 1,000 units @ 1,000 units @ COG 1	% Change e: therms  \$222.64 \$0.1337 \$0.1087 \$0.2050	0.02%  May 990  \$222.64 \$132.38	0.02%  June 951  \$222.64 \$127.11 \$0.00	0.02%  July 992  \$222.64 \$132.56	0.02%  August 928  \$222.64 \$124.04	0.02%  Sept 1,122  \$222.64 \$133.70	0.02%  October 1,078  \$222.64 \$133.70	0.02%  Summer 6,060  \$1,335.84 \$783.49 \$21.77 \$202.97
16 17 18 19 Customer Char 20 First 21 Over 22 23		nmer 2021 units @ 1,000 units @ 1,000 units @ COG 1 COG 2	**Change e: therms  \$222.64 \$0.1337 \$0.1087 \$0.2050 \$0.2050	0.02%  May 990  \$222.64 \$132.38 \$0.00	0.02%  June 951  \$222.64 \$127.11	0.02%  July 992  \$222.64 \$132.56 \$0.00	0.02%  August 928  \$222.64 \$124.04	0.02%  Sept 1,122  \$222.64 \$133.70	0.02%  October 1,078  \$222.64 \$133.70	0.02%  Summer 6,060  \$1,335.84 \$783.49 \$21.77 \$202.97 \$194.89
16 17 18 19 Customer Char 20 First 21 Over 22 23 24		nmer 2021 units @ 1,000 units @ 1,000 units @ COG 1 COG 2 COG 3	**Change e: therms  \$222.64 \$0.1337 \$0.1087 \$0.2050 \$0.2050 \$0.1171	0.02%  May 990  \$222.64 \$132.38 \$0.00	0.02%  June 951  \$222.64 \$127.11 \$0.00	0.02%  July 992  \$222.64 \$132.56	0.02%  August 928  \$222.64 \$124.04 \$0.00	0.02%  Sept 1,122  \$222.64 \$133.70	0.02%  October 1,078  \$222.64 \$133.70	\$1,335.84 \$783.49 \$21.77 \$202.97 \$194.89 \$116.10
16 17 18 19 Customer Char 20 First 21 Over 22 23 24 25		nmer 2021  units @ 1,000 units @ 1,000 units @ COG 1 COG 2 COG 3 COG 4	**Change  e: therms  \$222.64 \$0.1337 \$0.1087 \$0.2050 \$0.2050 \$0.1171 \$0.1171	0.02%  May 990  \$222.64 \$132.38 \$0.00	0.02%  June 951  \$222.64 \$127.11 \$0.00	0.02%  July 992  \$222.64 \$132.56 \$0.00	0.02%  August 928  \$222.64 \$124.04	0.02%  Sept 1,122  \$222.64 \$133.70 \$13.27	0.02%  October 1,078  \$222.64 \$133.70	\$1,335.84 \$783.49 \$21.77 \$202.97 \$194.89 \$116.10 \$108.64
16 17 18 19 Customer Char 20 First 21 Over 22 23 24 25 26		nmer 2021  units @ 1,000 units @ 1,000 units @ COG 1 COG 2 COG 3 COG 4 COG 5	**Change  e: therms  \$222.64 \$0.1337 \$0.1087 \$0.2050 \$0.2050 \$0.1171 \$0.1171 \$0.2643	0.02%  May 990  \$222.64 \$132.38 \$0.00	0.02%  June 951  \$222.64 \$127.11 \$0.00	0.02%  July 992  \$222.64 \$132.56 \$0.00	0.02%  August 928  \$222.64 \$124.04 \$0.00	0.02%  Sept 1,122  \$222.64 \$133.70	0.02% October 1,078 \$222.64 \$133.70 \$8.51	\$1,335.84 \$783.49 \$21.77 \$202.97 \$194.89 \$116.10 \$108.64 \$296.56
16 17 18 19 Customer Char 20 First 21 Over 22 23 24 25 26 27	ge	nmer 2021  units @ 1,000 units @ 1,000 units @ COG 1 COG 2 COG 3 COG 4 COG 5 COG 6	**Change  e: therms  \$222.64 \$0.1337 \$0.1087 \$0.2050 \$0.2050 \$0.1171 \$0.1171 \$0.2643 \$0.2643	0.02%  May 990  \$222.64 \$132.38 \$0.00	0.02%  June 951  \$222.64 \$127.11 \$0.00	0.02%  July 992  \$222.64 \$132.56 \$0.00	0.02%  August 928  \$222.64 \$124.04 \$0.00	0.02%  Sept 1,122  \$222.64 \$133.70 \$13.27	0.02%  October 1,078  \$222.64 \$133.70	\$1,335.84 \$783.49 \$21.77 \$202.97 \$194.89 \$116.10 \$108.64
16 17 18 19 Customer Char 20 First 21 Over 22 23 24 25 26 27	ge	nmer 2021  units @ 1,000 units @ 1,000 units @ COG 1 COG 2 COG 3 COG 4 COG 5 COG 6 er Period 2021 Avg. CO	**Change  e: therms  \$222.64 \$0.1337 \$0.1087 \$0.2050 \$0.2050 \$0.1171 \$0.1171 \$0.2643 \$0.2643 \$0.2643 \$0.3643	0.02%  May 990  \$222.64 \$132.38 \$0.00 \$202.97	951 \$222.64 \$127.11 \$0.00 \$194.89	992 \$222.64 \$132.56 \$0.00 \$116.10	0.02%  August 928  \$222.64 \$124.04 \$0.00	\$ept 1,122 \$222.64 \$133.70 \$13.27	0.02%  October 1,078  \$222.64 \$133.70 \$8.51	\$1,335.84 \$783.49 \$21.77 \$202.97 \$194.89 \$116.10 \$108.64 \$296.56 \$284.98
16 17 18 19 Customer Char 20 First 21 Over 22 23 24 25 26 27	ge	nmer 2021  units @ 1,000 units @ 1,000 units @ COG 1 COG 2 COG 3 COG 4 COG 5 COG 6	**Change  e: therms  \$222.64 \$0.1337 \$0.1087 \$0.2050 \$0.2050 \$0.1171 \$0.1171 \$0.2643 \$0.2643	0.02%  May 990  \$222.64 \$132.38 \$0.00	0.02%  June 951  \$222.64 \$127.11 \$0.00	0.02%  July 992  \$222.64 \$132.56 \$0.00	0.02%  August 928  \$222.64 \$124.04 \$0.00	0.02%  Sept 1,122  \$222.64 \$133.70 \$13.27	0.02% October 1,078 \$222.64 \$133.70 \$8.51	\$1,335.84 \$783.49 \$21.77 \$202.97 \$194.89 \$116.10 \$108.64 \$296.56
16 17 18 19 Customer Char 20 First 21 Over 22 23 24 25 26 27	ge	nmer 2021  units @ 1,000 units @ 1,000 units @ COG 1 COG 2 COG 3 COG 4 COG 5 COG 6 er Period 2021 Avg. CO	**Change  e: therms  \$222.64 \$0.1337 \$0.1087 \$0.2050 \$0.2050 \$0.1171 \$0.1171 \$0.2643 \$0.2643 \$0.2643 \$0.3643	0.02%  May 990  \$222.64 \$132.38 \$0.00 \$202.97	951 \$222.64 \$127.11 \$0.00 \$194.89	992 \$222.64 \$132.56 \$0.00 \$116.10	0.02%  August 928  \$222.64 \$124.04 \$0.00	\$ept 1,122 \$222.64 \$133.70 \$13.27	0.02%  October 1,078  \$222.64 \$133.70 \$8.51	\$1,335.84 \$783.49 \$21.77 \$202.97 \$194.89 \$116.10 \$108.64 \$296.56 \$284.98
16 17 18 19 Customer Char 20 First 21 Over 22 23 24 25 26 27 28	ge	nmer 2021  units @ 1,000 units @ 1,000 units @ COG 1 COG 2 COG 3 COG 4 COG 5 COG 6 er Period 2021 Avg. CO	% Change e: therms  \$222.64 \$0.1337 \$0.1087 \$0.2050 \$0.2050 \$0.1171 \$0.1171 \$0.2643 \$0.2643 \$0.2643 G \$0.1987 \$0.0359	0.02%  May 990  \$222.64 \$132.38 \$0.00 \$202.97	0.02%  June 951  \$222.64 \$127.11 \$0.00  \$194.89	992 \$222.64 \$132.56 \$0.00 \$116.10	0.02%  August 928  \$222.64 \$124.04 \$0.00  \$108.64	\$222.64 \$133.70 \$13.27 \$296.56	0.02%  October 1,078  \$222.64 \$133.70 \$8.51  \$284.98 \$38.71	0.02%  Summer 6,060  \$1,335.84 \$783.49 \$21.77 \$202.97 \$194.89 \$116.10 \$108.64 \$296.56 \$284.98  \$217.57
16 17 18 19 Customer Char 20 First 21 Over 22 23 24 25 26 27 28	ge	nmer 2021  units @ 1,000 units @ 1,000 units @ COG 1 COG 2 COG 3 COG 4 COG 5 COG 6 er Period 2021 Avg. CO	**Change  e: therms  \$222.64 \$0.1337 \$0.1087 \$0.2050 \$0.2050 \$0.1171 \$0.1171 \$0.2643 \$0.2643 \$0.2643 G \$0.1987  **TOTAL	0.02%  May 990  \$222.64 \$132.38 \$0.00 \$202.97	0.02%  June 951  \$222.64 \$127.11 \$0.00  \$194.89  \$34.13	0.02%  July 992  \$222.64 \$132.56 \$0.00  \$116.10  \$35.59	0.02%  August 928  \$222.64 \$124.04 \$0.00  \$108.64  \$33.31 \$488.63	0.02%  Sept 1,122  \$222.64 \$133.70 \$13.27  \$296.56  \$40.28	0.02%  October 1,078  \$222.64 \$133.70 \$8.51  \$284.98 \$38.71 \$688.54	\$1,335.84 \$783.49 \$21.77 \$202.97 \$194.89 \$116.10 \$108.64 \$296.56 \$284.98 \$217.57

<sup>\*-</sup>Note- Weighted by usage.

Impact of Rate Changes on Residential Heating Bills by Usage Level Forecast Summer 2022 vs. Actual Summer 2021

Residential Heating		
	<b>Summer 2021</b>	Summer 2022
Customer Charge	\$22.20	\$22.20
First 50 Therms	\$0.6099	\$0.6099
Over 50 therms	\$0.6099	\$0.6099
LDAC CGA	\$0.1099 \$0.4970	\$0.0631 \$0.5176

	Usage (Therms)	Summer 2019 Bill Amount	Summer 2020 Bill Amount	Total	Bill	Base I	Rate	СО	G	LDA	AC .
	5	\$28.28	\$28.15	(\$0.13)	-0.5%	\$0.00	0.0%	\$0.10	0.4%	(\$0.23)	-0.8%
	10	\$34.37	\$34.11	(\$0.26)	-0.8%	\$0.00	0.0%	\$0.21	0.6%	(\$0.47)	-1.4%
	20	\$46.54	\$46.01	(\$0.52)	-1.1%	\$0.00	0.0%	\$0.41	0.9%	(\$0.94)	-2.0%
Monthly*	25	\$52.62	\$51.97	(\$0.66)	-1.2%	\$0.00	0.0%	\$0.52	1.0%	(\$1.17)	-2.2%
	30	\$58.70	\$57.92	(\$0.79)	-1.3%	\$0.00	0.0%	\$0.62	1.1%	(\$1.40)	-2.4%
	45	\$76.96	\$75.78	(\$1.18)	-1.5%	\$0.00	0.0%	\$0.93	1.2%	(\$2.11)	-2.7%
	50	\$83.04	\$81.73	(\$1.31)	-1.6%	\$0.00	0.0%	\$1.03	1.2%	(\$2.34)	-2.8%
	75	\$113.46	\$111.50	(\$1.97)	-1.7%	\$0.00	0.0%	\$1.55	1.4%	(\$3.51)	-3.1%
	125	\$174.30	\$171.03	(\$3.28)	-1.9%	\$0.00	0.0%	\$2.58	1.5%	(\$5.85)	-3.4%
	150	\$204.72	\$200.79	(\$3.93)	-1.9%	\$0.00	0.0%	\$3.09	1.5%	(\$7.02)	-3.4%
	200	\$265.56	\$260.32	(\$5.24)	-2.0%	\$0.00	0.0%	\$4.12	1.6%	(\$9.36)	-3.5%

<sup>\*</sup> Monthly amount for benchmarking purposes, does not represent the average monthly use of Northern's residential class.