

October 4, 2022

BY E-MAIL

Daniel Goldner, Chair New Hampshire Public Utilities Commission 21 S. Fruit Street, Suite 10 Concord, NH 03301-2429

Re: <u>Northern Utilities, Inc. -- DG 22-059</u> 2022 / 2023 Annual Cost of Gas

Second Supplemental Cost of Gas Rate Filing – Rate Case Expense

Dear Chair Goldner:

Enclosed please find the supplemental filing of Northern Utilities, Inc.'s ("Northern" or the "Company") proposed 2022 / 2023 Annual Cost of Gas ("COG") Adjustment filing. This supplemental filing is being submitted due to the recent receipt of an additional invoice from the New Hampshire Department of Energy ("DOE") pertaining to Northern's last rate case filing in Docket No. DG 21-104.

Northern's original rate case expense filing in Docket No. DG 21-104 was made in accordance with the Settlement Agreement filed on May 27, 2022 and approved by the Commission on July 20, 2022 in Order No. 26,650. Section 8.2 of the Settlement provides that Northern's rate case expenses and regulatory proceeding expenses incurred by the Commission, the DOE, and the Office of the Consumer Advocate and charged to the Company would be recovered over one year through the Rate Case Expense Charge, which is part of the Company's the Local Distribution Adjustment Charges ("LDAC") in the Company's next scheduled LDAC rate change effective November 1, 2022. Northern made its LDAC filing on September 16, 2022 as part of the COG in this proceeding.

Also on September 16, 2022, Northern filed an update to its rate case expense information in Docket No. DG 21-104. At that time, Northern noted that it was aware of an additional invoice that was outstanding for a DOE witness, Dr. Woolridge. Northern stated that it would process that invoice when received and would include the costs in the LDAC. Northern has recently received and processed that invoice and submits this revision to the COG filing to account for the inclusion of that cost. Northern is also submitting an update to its rate case expense filing in Docket No. DG 21-104 to reflect the new information.

Matthew J. Fossum Senior Counsel fossumm@unitil.com 6 Liberty Lane West Hampton, NH 03842

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As a result of the above update, Northern is submitting revisions to the following Tariff Sheets:

Ninth Revised Page 62 (LDAC); Sixteenth & Seventeenth Revised Page No. 86 (Rate Summaries); and Fifteenth & Sixteenth Revised Page No. 88 (Rate Summaries).

Also provided is the supplemental testimony and revised attachments of Elena Demeris explaining the updates and the impact on the LDAC calculation and typical bill impacts. The revised 2022 / 2023 LDAC for Residential customers is \$0.1850 per therm and the revised C&I LDAC is \$0.0493 per therm. This is an increase of \$0.0005 per therm for all rate classes above the rates presented in the September 23 revised filing.

The typical bill for a Residential heating customer for the 2022 / 2023 Winter Season is projected to be \$1,438.02. This is higher than the 2021 / 2022 Winter Season bill by \$256.76 or 21.7%.¹ The typical bill for a Residential heating customer for the 2023 Summer Season is projected to be \$356.27. This is higher than the 2022 Summer Season bill by \$8.80 or 2.53%.

If you have any questions or need additional information, please contact me.

Sincerely,

Matthew J. Fossum Senior Counsel

CC: Service List

¹ This bill impact includes changes to the Company's COG, LDAC and Distribution Base Rates.

Ninth Revised Page 62 Superseding Eighth Revised Page 62

N.H.P.U.C. No. 12 - Gas Northern Utilities, Inc.

Local Delivery Adjustment Clause

Rate Schedule	GAP	EEC	LRR	ERC	ITMC	RCE	RPC	PTAM	RAAM	LDAC
Residential Heating	\$0.0037	\$0.0499	\$0.0000	\$0.0058	\$0.0000	\$0.0048	\$0.1206	\$0.0000	\$0.0002	\$0.1850
Residential Non-Heating	\$0.0037	\$0.0499	\$0.0000	\$0.0058	\$0.0000	\$0.0048	\$0.1206	\$0.0000	\$0.0002	\$0.1850
Small C&I	\$0.0037	\$0.0247	\$0.0000	\$0.0058	\$0.0000	\$0.0048	\$0.0101	\$0.0000	\$0.0002	\$0.0493
Medium C&I	\$0.0037	\$0.0247	\$0.0000	\$0.0058	\$0.0000	\$0.0048	\$0.0101	\$0.0000	\$0.0002	\$0.0493
Large C&I	\$0.0037	\$0.0247	\$0.0000	\$0.0058	\$0.0000	\$0.0048	\$0.0101	\$0.0000	\$0.0002	\$0.0493
No Previous Sales Service										

Issued: October 4, 2022 Effective: With Service Rendered On and After November 1, 2022 Authorized by NHPUC Order No. in Docket No. DG 22- , dated , 2022

Issued by:

Title:

Robert B. Hevert Senior Vice President

Seventeenth Revised Page 86 Superseding Sixteenth Revised Page 86

NORTHERN UTILITIES - NEW HAMPSHIRE DIVISION CURRENTLY EFFECTIVE RESIDENTIAL RATES

	Summer Season		Total	Total Billed Rates	
	May 2023 - October 2023	Tariff	Delivery Rates	Tariff Rates, LDAC	;
	•	Rates	(Includes LDAC)	Plus Cost of Gas	
Residential Heating	Tariff Rate R 5:				
	Monthly Customer Charge	\$22.20	\$22.20	\$22	2.20
	All usage	\$0.9266	\$1.1116	\$1.8043	
	LDAC	\$0.1850			
	Gas Cost Adjustment:				
	Cost of Gas	\$0.6927			
Residential Heating	Tariff Rate R 10:				
Low Income	Monthly Customer Charge	\$22.20	\$22.20	\$22	2.20
	All usage	\$0.9266	\$1.1116	\$1.8043	
	LDAC	\$0.1850			
	Gas Cost Adjustment:				
	Cost of Gas	\$0.6927			
Discount*	Monthly Customer Charge	\$0.00	\$0.00	\$(0.00
Discount*	All usage	\$0.0000	\$0.0000	\$0.0000	
Discount*	LDAC	\$0.0000			
	Gas Cost Adjustment:	•			
Discount*	Cost of Gas	\$0.0000			
Residential Non-Heating	Tariff Rate R 6:				
-	Monthly Customer Charge	\$22.20	\$22.20	\$22	2.20
	All usage	\$1.4053	\$1.5903	\$2.2830	
	LDAC	\$0.1850			
	Gas Cost Adjustment:				
	Cost of Gas	\$0.6927			

*: Discount applicable to winter months November through April only.

Issued: October 4, 2022	Issued by:	Robert B. Hevert
Effective: With Service Rendered On and After May	Title:	Senior Vice President
Authorized by NHPUC Order Nos in Docket	ed	

Sixteenth Revised Page 86 Superseding Fifteenth Revised Page 86

NORTHERN UTILITIES - NEW HAMPSHIRE DIVISION CURRENTLY EFFECTIVE RESIDENTIAL RATES

	Winter Season		Total		Total Billed	Rates	
	November 2022 - April 2023	Tariff	Delivery R	ates	Tariff Rates, LDAC		
		Rates	(Includes L		Plus Cost	of Gas	
Residential Heating	Tariff Rate R 5:		-				
	Monthly Customer Charge	\$22.20		\$22.20		\$22.20	
	All usage	\$0.9266	\$1.1116		\$2.2473		
	LDAC	\$0.1850					
	Gas Cost Adjustment:						
	Cost of Gas	\$1.1357					
Residential Heating	Tariff Rate R 10:						
Low Income	Monthly Customer Charge	\$22.20		\$22.20		\$22.20	
	All usage	\$0.9266	\$1.1116		\$2.2473		
	LDAC	\$0,1850	•		•		
	Gas Cost Adjustment:						
	Cost of Gas	\$1.1357					
	Monthly Customer Charge	(\$9.99)		(\$9.99)		(\$9.99)	
	All usage	(\$0.4170)	(\$0.4170)	(*****/	(\$0.9280)	(*****)	
	LDAC	\$0.0000	(()))))))))))))))))))))))))))))))))))))		(++++++)		
	Gas Cost Adjustment:						
	Cost of Gas	(\$0.5111)					
Residential Non-Heating	Tariff Rate R 6:			I			
	Monthly Customer Charge	\$22.20		\$22.20		\$22.20	
	All usage	\$1.4053	\$1,5903		\$2.7260	÷==: = 0	
	LDAC	\$0.1850	+	-	+=·· =••		
	Gas Cost Adjustment:						
	Cost of Gas	\$1.1357					

*: Discount applicable to winter months November through April only.

Issued: October 4, 2022		Issued by:	Robert B. Hevert
Effective: With Service Rendered On and	After November 1, 2022	Title:	Senior Vice President
Authorized by NHPUC Order Nos.	_ in Docket Nos. DG,	dated	

NORTHERN UTILITIES - NEW HAMPSHIRE DIVISION CURRENTLY EFFECTIVE C & I RATES

	Summer Season		Total	Total Billed Rates
	May 2023 - October 2023	Tariff	Delivery Rates	Tariff Rates, LDAC
		Rates	(Includes LDAC)	Plus Cost of Gas
C&I Low Annual/High Winter	<u>Tariff Rate G 40:</u>			
	Monthly Customer Charge	\$80.00	\$80.00	\$80.00
	All usage	\$0.2556	\$0.3049	\$1.0443
	LDAC	\$0.0493		
	Gas Cost Adjustment:			
	Cost of Gas	\$0.7394		
C&I Low Annual/Low Winter	Tariff Rate G 50:			
	Monthly Customer Charge	\$80.00	\$80.00	\$80.00
	All usage	\$0.2359	\$0.2852	\$0.9194
	LDAC	\$0.0493	•••••	
	Gas Cost Adjustment:			
	Cost of Gas	\$0.6342		
	Tariff Data O 14			
C&I Medium Annual/High Winter	Tariff Rate G 41:	\$225.00	\$225.00	\$225.00
	Monthly Customer Charge		•	
	All usage	\$0.2883	\$0.3376	\$1.0770
		\$0.0493		
	Gas Cost Adjustment:	\$0.7394		
	Cost of Gas	\$0.7394		
C&I Medium Annual/Low Winter	Tariff Rate G 51:			
	Monthly Customer Charge	\$225.00	\$225.00	\$225.00
	All usage	\$0.1770	\$0.2263	\$0.8605
	LDAC	\$0.0493		
	Gas Cost Adjustment:			
	Cost of Gas	\$0.6342		
C&I High Annual/High Winter	Tariff Rate G 42:			
	Monthly Customer Charge	\$1,350.00	\$1,350.00	\$1,350.00
	, .			\$1.0072
	All usage	\$0.2185	\$0.2678	\$1.0072
	LDAC	\$0.0493		
	Gas Cost Adjustment:			
	Cost of Gas	\$0.7394		
C&I High Annual/Low Winter	Tariff Rate G 52:			
	Monthly Customer Charge	\$1,350.00	\$1,350.00	\$1,350.00
	All usage	\$0.1096	\$0.1589	\$0.7931
	LDAC	\$0.0493		
	Gas Cost Adjustment:			
	Cost of Gas	\$0.6342		

Issued: October 4, 2022		Issued by:	Robert B. Hevert
Effective: With Service Rendered On and	After November 1, 2022	Title:	Senior Vice President
Authorized by NHPUC Order Nos.	in Docket Nos. DG	_, dated	

Fifteenth Revised Page 88 Superseding Fourteenth Revised Page 88

NORTHERN UTILITIES - NEW HAMPSHIRE DIVISION CURRENTLY EFFECTIVE C & I RATES

	Winter Season November 2022 - April 2023	Tariff Rates	Total Delivery Rates (Includes LDAC)	Total Billed Rates Tariff Rates, LDAC Plus Cost of Gas
C&I Low Annual/High Winter	Tariff Rate G 40: Monthly Customer Charge All usage	\$80.00 \$0.2556	\$80.00 \$0.3049	\$80.00 \$1.4545
	LDAC Gas Cost Adjustment: Cost of Gas	\$0.0493 \$1.1496		
C&I Low Annual/Low Winter	<u>Tariff Rate G 50:</u> Monthly Customer Charge All usage	\$80.00 \$0.2359	\$80.00 \$0.2852	\$80.00 \$1.3456
	LDAC Gas Cost Adjustment: Cost of Gas	\$0.0493 \$1.0604	Ψ 0.20 32	ψ1.5450
		\$1.0004		
C&I Medium Annual/High Winter	Tariff Rate G 41: Monthly Customer Charge	\$225.00	\$225.00	\$225.00
	All usage LDAC	\$0.2883 \$0.0493	\$0.3376	\$1.4872
	Gas Cost Adjustment: Cost of Gas	\$1.1496		
C&I Medium Annual/Low Winter	Tariff Rate G 51:	\$225.00	\$225.00	\$225.00
	Monthly Customer Charge All usage	\$225.00 \$0.1770	\$225.00 \$0.2263	\$225.00 \$1.2867
	LDAC Gas Cost Adjustment:	\$0.0493		
	Cost of Gas	\$1.0604		
C&I High Annual/High Winter	Tariff Rate G 42:	¢4.050.00	<u> </u>	<u> </u>
	Monthly Customer Charge All usage	\$1,350.00 \$0.2185	\$1,350.00 \$0.2678	\$1,350.00 \$1.4174
	LDAC Gas Cost Adjustment:	\$0.0493		
	Cost of Gas	\$1.1496		
C&I High Annual/Low Winter	Tariff Rate G 52: Monthly Customer Charge	\$1,350.00	\$1,350.00	\$1,350.00
	All usage LDAC	\$0.1796 \$0.0493	\$0.2289	\$1.2893
	Gas Cost Adjustment: Cost of Gas	\$1.0604		

Issued: October 4, 2022		Issued by:	Robert B. Hevert
Effective: With Service Rendered On and	After November 1, 2022	Title:	Senior Vice President
Authorized by NHPUC Order Nos.	in Docket Nos. DG	_, dated	

N.H.P.U.C. No. 12 - Gas Northern Utilities, Inc.

Ninth Eighth Revised Page 62 Superseding Eighth Seventh Revised Page 62

Local Delivery Adjustment Clause

Rate Schedule	GAP	GAP	EEC	LRR	LRR	ERC	ERC	ITMC	RCE	RCE	RPC	RPC	PTAM	PTAM	RAAM	RAAM	LDAC	LDAC
De side ette Lite stin e	A A AAAA		** * ***			***			******						** ***			
Residential Heating	\$0.0033	\$0.0037	\$0.0499	\$0.0066	\$0.0000	\$0.0056	\$0.0058	\$0.0000	\$0.0000	\$0.0048	\$0.0000	\$0.1206	\$0.0135	\$0.0000	\$0.0027	\$0.0002	\$0.0816	\$0.1850
Residential Non-Heating	\$0.0033	\$0.0037	\$0.0499	\$0.0066	\$0.0000	\$0.0056	\$0.0058	\$0.0000	\$0.0000	\$0.0048	\$0.0000	\$0.1206	\$0.0135	\$0.0000	\$0.0027	\$0.0002	\$0.0816	\$0.1850
Small C&I	\$0.0033	\$0.0037	\$0.0247	\$0.0006	\$0.0000	\$0.0056	\$0.0058	\$0.0000	\$0.0000	\$0.0048	\$0.0000	\$0.0101	\$0.0135	\$0.0000	\$0.0027	\$0.0002	\$0.0504	\$0.0493
Medium C&I	\$0.0033	\$0.0037	\$0.0247	\$0.0006	\$0.0000	\$0.0056	\$0.0058	\$0.0000	\$0.0000	\$0.0048	\$0.0000	\$0.0101	\$0.0135	\$0.0000	\$0.0027	\$0.0002	\$0.0504	\$0.0493
Large C&I	\$0.0033	\$0.0037	\$0.0247	\$0.0006	\$0.0000	\$0.0056	\$0.0058	\$0.0000	\$0.0000	\$0.0048	\$0.0000	\$0.0101	\$0.0135	\$0.0000	\$0.0027	\$0.0002	\$0.0504	\$0.0493
No Previous Sales Service																		

Issued: October 4, 2022 February 25, 2022 Effective: With Service Rendered On and AfterNovember March 1, 2022 Authorized by NHPUC Order No. 26,579 in Docket No.-DE-20-092, dated February 10, 2022

and Order No. 26,581 in Docket No. DG 21-123, dated February 15, 2022

Issued by: Title:

Robert B. Hevert Senior Vice President

Sixteenth Seventeenth Revised Page 86 Superseding Fifeenth Sixteenth Page 86

NORTHERN UTILITIES - NEW HAMPSHIRE DIVISION CURRENTLY EFFECTIVE RESIDENTIAL RATES

Winter Summer Season May 2023 - October 2023 November 2022 - April 2023 November 2022 - April 2023 November 2022 - April 2023 Residential Heating Tariff Rate R 5: Monthly Customer Charge All usage LDAC LDAC		Tariff Rates \$22.20 \$0.9266 20.1052	Delive	Total Delivery Rates (Includes LDAC) \$22.20 \$1.1116		<u>lled Rates</u> ites, LDAC ost of Gas \$22.20 <u>\$1.8043</u>	
	Gas Cost Adjustment: Cost of Gas	\$0.1850 \$1.1357 <u>\$0.6927</u>					
Residential Heating Low income	Tariff Rate R 10: Monthly Customer Charge All usage LDAC Gas Cost Adjustment: Cost of Gas	\$22.20 \$0.9266 \$0.1850 \$1.1357 <u>\$0.6927</u>		\$22.20 \$1.1116	\$ 2.2 473	\$22.20 <u>\$1.8043</u>	
Discount Discount Discount Discount	Monthly Customer Charge All usage LDAC Gas Cost Adjustment: Cost of Gas	(\$9.99) \$0.0000 (\$0.4170) \$0.0000 \$0.0000 \$0.0000 (\$0.5111) \$0.0000	(\$9.99) (\$0.4170)	<u>\$0.0000</u> <u>\$0.0000</u>	(\$9.99) (\$0.9280)	<u>\$0.0000</u> <u>\$0.0000</u>	
Residential Non-Heating	Tariff Rate R 6: Monthly Customer Charge All usage LDAC Gas Cost Adjustment: Cost of Gas	\$22.20 \$1.4053 \$0.1850 \$1.1357 <u>\$0.6927</u>		\$22.20 \$1.5903	\$ 2.7260	\$22.20 <u>\$2.2830</u>	

*: Discount applicable to winter months November through April only.

Issued: September 16 October 4, 2022	Issued by:	Robert B. Hevert
Effective: With Service Rendered On and After November 1, 2022May 1, 2023	Title:	Senior Vice President
Authorized by NHPUC Order Nos. 26,539 in Docket Nos. DG 21-131	_, dated October 29, 2021	

Fifteenth Sixteenth Revised Page 86 Superseding Fourteenth Fifteenth Page 86

NORTHERN UTILITIES - NEW HAMPSHIRE DIVISION CURRENTLY EFFECTIVE RESIDENTIAL RATES

Rate R 5: Customer Charge ge <u>pst Adjustment:</u> Gas	\$22.20 \$0.9266 <mark>\$0.0816</mark>	\$0.1850	\$1.0082	\$22.20		¢00.00
Gas		<u>+0.1000</u>		<u>\$1.1116</u>	\$2.1286	\$22.20 <u>\$2.2473</u>
	\$1.1204	<u>\$1.1357</u>				
Rate R 10: Customer Charge ge pst Adjustment:	\$22.20 \$0.9266 \$0.0816	<u>\$0.1850</u>	\$1.0082	\$22.20 <u>\$1.1116</u>	\$2.1286	\$22.20 <u>\$2.2473</u>
Gas / Customer Charge ge ost Adjustment: Gas	\$1.1204 \$0.0000 \$0.0000 \$0.0000 (\$0.5042)	\$1.1357 (\$9.9900) (\$0.4170) (\$0.5111)	\$0.0000	(\$9.99) <u>(\$0.4170)</u>	\$0.0000	(\$9.99) <u>(\$0.9280)</u>
Rate R 6: Y Customer Charge ge	\$22.20 \$1.4053 \$0.0816	<u>\$0.1850</u>	\$1.4869	\$22.20 <u>\$1.5903</u>	\$ 2.6073	\$22.20 <u>\$2.7260</u>
J	Customer Charge	/ Customer Charge \$22.20 e \$1.4053 st Adjustment: \$0.0816	Customer Charge \$22.20 e \$1.4053 st Adjustment: \$0.1850	/ Customer Charge \$22.20 e \$1.4053 \$1.4053 \$1.4869 \$0.0816 \$0.1850 st Adjustment: \$1.4053	Customer Charge \$22.20 \$22.20 \$1.4053 \$1.4869 \$1.5903 \$0.0816 \$0.1850 \$1.4869	Customer Charge \$22.20 \$22.20 \$1.4053 \$1.4869 \$1.5903 \$0.0816 \$0.1850 \$1.4869

*: Discount applicable to winter months November through April only.

Issued: September 8October 4, 2022 Issued by:	Robert B. Hevert
Effective: With Service Rendered On and After SeptemberNovember 1, 2022 Title:	Senior Vice President
Authorized by NHPUC Order Nos. 26,539in Docket Nos. DG 21-131, dated October 29, 2021	

Fifteenth Sixteenth Revised Page 88 Superseding Fourteenth Fifteenth Page 88

NORTHERN UTILITIES - NEW HAMPSHIRE DIVISION

CURRENTLY EFFECTIVE C & I RATES

	Winter <u>Summer</u> Season May 2023 - October 2023 November 2022 - April 2023		ariff ates	Delive	otal ry Rates es LDAC)	Tariff Ra	lled Rates tes, LDAC ost of Gas
C&I Low Annual/High Winter	Tariff Rate G 40: Monthly Customer Charge All usage LDAC Gas Cost Adjustment: Cost of Gas	\$80.00 \$0.2556 \$0.0493 \$1.1496			\$80.00 \$0.3049	\$1.4545	\$80.00 <u>\$1.0443</u>
C&I Low Annual/Low Winter	Tariff Rate G 50: Monthly Customer Charge All usage LDAC <u>Gas Cost Adjustment:</u> Cost of Gas	\$80.00 \$0.2359 \$0.0493 \$1.0604			\$80.00 \$0.2852	\$1.3456	\$80.00 <u>\$0.9194</u>
C&I Medium Annual/High Winter	Tariff Rate G 41: Monthly Customer Charge All usage LDAC <u>Gas Cost Adjustment:</u> Cost of Gas	\$225.00 \$0.2883 \$0.0493 \$1.1496			\$225.00 \$0.3376	\$1.4872	\$225.00 <u>\$1.0770</u>
C&I Medium Annual/Low Winter	Tariff Rate G 51: Monthly Customer Charge All usage LDAC Gas Cost Adjustment: Cost of Gas	\$225.00 \$0.1770 \$0.0493 \$1.0604			\$225.00 \$0.2263	\$ 1.2867	\$225.00 <u>\$0.8605</u>
C&I High Annual/High Winter	Tariff Rate G 42: Monthly Customer Charge All usage LDAC <u>Gas Cost Adjustment:</u> Cost of Gas	\$1,350.00 \$0.2185 \$0.0493 \$1.1496			\$1,350.00 \$0.2678	\$1.4174	\$1,350.00 <u>\$1.0072</u>
C&I High Annual/Low Winter	Tariff Rate G 52: Monthly Customer Charge All usage LDAC Gas Cost Adjustment: Cost of Gas	\$1,350.00 \$0.1796 \$0.0493 \$1.0604		\$0.2289	\$1,350.00 <u>\$0.1589</u>	\$1.2893	\$1,350.00 <u>\$0.7931</u>

Issued: September 16 October 4, 2022		Issu	ed by:	Robert
Effective: With Service Rendered On and Af	ter September 1, 2022 May 1, 2023		Title:	Senior V
Authorized by NHPUC Order Nos. 26,539	in Docket Nos. DG 21-131	, dated October 29, 2021		

ert B. Hevert Vice President

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Fourteenth Fifteenth Revised Page 88 Superseding Thirteenth Fourteenth Page 88

NORTHERN UTILITIES - NEW HAMPSHIRE DIVISION

CURRENTLY EFFECTIVE C & I RATES

	Summer Winter Season May 2022- October 2022 November 2022 - April 2023	Tariff Rates	Delive	otal ry Rates es LDAC)	Tariff Ra	<u>lled Rates</u> ates, LDAC ost of Gas
C&I Low Annual/High Winter	Tariff Rate G 40: Monthly Customer Charge All usage LDAC Gas Cost Adjustment:	\$80.00 \$0.2556 <mark>\$0.0504 <u>\$0.0493</u></mark>	\$0.3060	\$80.00 <u>\$0.3049</u>	\$1.4533	\$80.00 <u>\$1.4545</u>
	Cost of Gas	\$1.1473 <u>\$1.1496</u>				
C&I Low Annual/Low Winter	Tariff Rate G 50: Monthly Customer Charge All usage LDAC Gas Cost Adjustment:	\$80.00 \$0.2359 \$0.0504 <u>\$0.0493</u>	\$0.2863	\$80.00 <u>\$0.2852</u>	\$ 1.3631	\$80.00 <u>\$1.3456</u>
	Cost of Gas	\$1.0768 <u>\$1.0604</u>				
C&I Medium Annual/High Winter	Tariff Rate G 41: Monthly Customer Charge All usage LDAC Gas Cost Adjustment:	\$225.00 \$0.2883 \$0.0504 <u>\$0.0493</u>	\$0.3387	\$225.00 <u>\$0.3376</u>	\$ 1.4860	\$225.00 <u>\$1.4872</u>
	Cost of Gas	\$1.1473 <u>\$1.1496</u>				
C&I Medium Annual/Low Winter	Tariff Rate G 51: Monthly Customer Charge All usage LDAC Gas Cost Adjustment:	\$225.00 \$0.1770 \$0.0504 <u>\$0.0493</u>	\$0.227 4	\$225.00 <u>\$0.2263</u>	\$ 1.3042	\$225.00 <u>\$1.2867</u>
	Cost of Gas	\$1.0768 <u>\$1.0604</u>				
C&I High Annual/High Winter	Tariff Rate G 42: Monthly Customer Charge All usage LDAC Gas Cost Adjustment:	\$1,350.00 \$0.2185 <mark>\$0.0504 <u>\$0.0493</u></mark>	\$0.2689	\$1,350.00 <u>\$0.2678</u>	\$ 1.4162	\$1,350.00 <u>\$1.4174</u>
	Cost of Gas	\$1.1473 \$1.1496				
C&I High Annual/Low Winter	Tariff Rate G 52: Monthly Customer Charge All usage LDAC Gas Cost Adjustment:	\$1,350.00 \$0.1096 \$0.0504 \$0.0493	\$0.1600	\$1,350.00 <u>\$0.2289</u>	\$ 1.2368	\$1,350.00 <u>\$1.2893</u>
	Cost of Gas	\$1.0768				

Issued: September 8 October 4, 2022 Issued by: Effective: With Service Rendered On and After SeptemberNovember 1, 2022 Title:

Robert B. Hevert Senior Vice President

Authorized by NHPUC Order Nos. 26,539 _____ in Docket Nos. DG 21-131 _____, dated October 29, 2021 _

NORTHERN UTILITIES, INC. NEW HAMPSHIRE DIVISION NOVEMBER 2022/OCTOBER 2023 ANNUAL COST OF GAS ADJUSTMENT FILING PREFILED SECOND SUPPLEMENT TO THE TESTIMONY OF S. ELENA DEMERIS

	1	I.	INTRODUCTION
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- 2 **Q**. Please state your name and business address. 3 A. My name is S. Elena Demeris. My business address is 6 Liberty Lane West, Hampton, 4 New Hampshire. 5 6 **Q**. For whom do you work and in what capacity? 7 A. I am a Senior Regulatory Analyst for Unitil Service Corp. ("Unitil Service"), a subsidiary 8 of Unitil Corporation that provides managerial, financial, regulatory and engineering 9 services to Unitil Corporation's principal subsidiaries Fitchburg Gas and Electric Light 10 Company, d/b/a Unitil ("FG&E"), Granite State Gas Transmission, Inc. ("Granite"), Northern Utilities, Inc. d/b/a Unitil ("Northern"), and Unitil Energy Systems, Inc. 11 12 ("UES") (together "Unitil"). In this capacity I am responsible for preparing regulatory filings, pricing research, regulatory analysis, tariff administration, revenue requirements 13 14 calculations, customer research, and other analytical services. 15 16 **Q**. Please summarize your professional and educational background.
- A. In 1996, I graduated from the University of Massachusetts Lowell with a Bachelor's of
 Science Degree in Civil Engineering. In 2005, I earned a Master's Degree in Business
 Administration and in 2006 a Master's Degree in Finance from Southern New Hampshire
 University. I joined Unitil in July 1998 in the regulatory/rate department.

Prefiled Second Supplement to the Testimony of S. Elena Demeris Annual 2022/2023 COG Filing Page 2 of 4

1	Q.	Please explain why you are providing a second supplement to your testimony in this
2		proceeding?
3	A.	Due to additional invoices and adjustments to the total Rate Case Expenses I am revising
4		the calculation of the Rate Case Expense ("RCE") included in the Local Delivery
5		Adjustment Charges ("LDAC") for effect November 1, 2022. In addition to the revised
6		RCE, this revision includes updated bill impacts and tariff pages for effect November 1,
7		2022.
8		
9	Q.	What are the Company's revised LDAC surcharges?
10	A.	The revised LDAC is \$0.1850 per therm for the Residential Class and \$0.0493 per therm
11		for the Commercial/Industrial (C&I) Class effective November 1, 2022 through October
12		31, 2023. The proposed rates are included on the Ninth Revised Tariff Page 62,
13		superseding the Eighth Revised Tariff Page 62. The table below summarizes the rate
14		changes proposed in this filing. Residential customers will see an increase of \$0.1034 in
15		LDAC charges, driven primarily by the RPC. C&I customers will see a decrease in
16		LDAC charges of \$0.0011, the C&I specific RPC is offset by PTAM and RAAM

17 decreases.

Charge	Current \$/therm	Proposed \$/therm	Difference
GAP	\$0.0033	\$0.0037	\$0.0004
LRR – Residential	\$0.0066	\$0.0000	(\$0.0066)
ERC	\$0.0056	\$0.0058	\$0.0002
RCE	\$0.0000	\$0.0048	\$0.0048
RPC – Residential	\$0.0000	\$0.1206	\$0.1206
РТАМ	\$0.0135	\$0.0000	(\$0.0135)
RAAM	<u>\$0.0027</u>	<u>\$0.0002</u>	<u>(\$0.0025)</u>
Total Difference Residential	\$0.0317	\$0.1351	\$0.1034

Prefiled Second Supplement to the Testimony of S. Elena Demeris Annual 2022/2023 COG Filing Page 3 of 4

Charge	Current \$/therm	Proposed \$/therm	Difference
GAP	\$0.0033	\$0.0037	\$0.0004
LRR – C&I	\$0.0006	\$0.0000	(\$0.0006)
ERC	\$0.0056	\$0.0058	\$0.0002
RCE	\$0.0000	\$0.0048	\$0.0048
RPC – C&I	\$0.0000	\$0.0101	\$0.0101
PTAM	\$0.0135	\$0.0000	(\$0.0135)
RAAM	<u>\$0.0027</u>	\$0.0002	<u>(\$0.0025)</u>
Total Difference C&I	\$0.0257	\$0.0246	(\$0.0011)

¹

2 Q. Please explain the revised calculation of the proposed RCE rate.

3	А.	Revised Attachment NUI-SED-1 RCE provides the updated calculation of the RCE. The
4		Company is also submitting an update to the total rate case expenses in Docket No. DG
5		21-104. Revised Attachment NUI-SED-1 RCE, line 1, reflects the total rate case
6		expenses including an adjustment identified in the audit of total rate case expense and
7		two additional invoices that were received subsequent to the Company's September 16^{th}
8		filing. That amount, divided by forecasted sales for the November 2022 - October 2023
9		period, results in a per therm RCE of \$0.0048. This is an increase of \$0.0005 from the
10		rate proposed on September 16 th .
11		
12	Q.	Have you prepared typical bill analyses showing the impacts of the proposed COG

13 and revised LDAC rate changes for effect on November 1, 2022 for typical

14 **Residential heating customers over the upcoming Winter Season?**

- A. Yes, Second Revised Attachment NUI-SED-3, page 1 provides the analyses including
 revisions submitted September 23. It shows that a typical Residential heating customer
- 17 consuming 582 therms during the 2022/2023 Winter Season can expect a bill of

Prefiled Second Supplement to the Testimony of S. Elena Demeris Annual 2022/2023 COG Filing Page 4 of 4

1		\$1,438.02. This is an increase of \$256.76, or 21.7% compared to the 2021/2022 Winter
2		Season bill with the same consumption.
3		
4	Q.	Have you prepared typical bill analyses showing the impacts of the proposed COG
5		and revised LDAC for effect on May 1, 2023 for typical Residential heating gas
6		customers over the next Summer Season?
7	A.	Yes, Second Revised Attachment NUI-SED-3, page 6 provides this analysis including
8		revisions filed on September 23. It shows that a typical residential heating customer
9		consuming 124 therms during the 2023 Summer Season can expect a bill of \$356.27.
10		This is an increase of \$8.80, or 2.53% compared to the 2022 Summer Season bill with the
11		same consumption.
12		
13	Q.	Does this conclude your testimony?
14	А.	Yes, it does.

Northern Utilities, Inc. New Hampshire Division Annual 2022/2023 COG/LDAC Filing Revised Attachment SED-1 RCE Page 1 of 1

NORTHERN UTILITIES, INC. RATE CASE EXPENSE ("RCE") NOVEMBER 1, 2022 THROUGH OCTOBER 31, 2023

Line #	Description	Amount	Reference
1	Rate Case Expense to be Recovered	\$373,871 DG 2:	1-104 Rate Case Expense Filing
2	Forcasted Firm Sales & Firm Transportation Volumes (therms) (1)	77,881,226	
3	RCE Rate (\$/therm)	\$0.0048	

(1) Forecasted sales for November 1, 2022 through October 31, 2023.

Northern Utilities, Inc. New Hampshire Division

SECOND REVISED Attachment NUI-SED-3 Page 1 of 10

NORTHERN UTILITIES, INC. - NEW HAMPSHIRE DIVISION Typical Residential Heating Bill - 706 therms/year Comparison of Winter 2022-2023 vs. Winter 2021-2022

				oompund		ICCI LOLL I										
1		Nov	Dec	Jan	Feb	Mar	Apr	Winter	May	June	July	August	Sept	October	Summer	Annual
2 Typical Usage: therms (*	*)	51	96	125	121	119	70	582	43	19	14	13	13	24	124	706
,, o (/															
•																
4 Customer Charge units @	\$ 22.20	\$22.20	\$22.20	\$22.20	\$22.20	\$22.20	\$22.20	\$133.20								
5 All units @	\$0.9266	\$46.83	\$89.37	\$116.17	\$112.49	\$110.21	\$64.56	\$539.63								
6 COG 1	\$1.1289	\$57.05						\$57.05								
7 COG 2	\$1.1289		\$108.88					\$108.88								
8 COG 3	\$1.1289		φ100.00	\$141.53				\$141.53								
				\$141.55												
9 COG 4	\$1.1289				\$137.06			\$137.06								
10 COG 5	\$1.1289					\$134.27		\$134.27								
11 COG 6	\$1.1289						\$78.66	\$78.66								
12 LDAC	\$0.1850	\$9.35	\$17.84	\$23.19	\$22.46	\$22.00	\$12.89	\$107.74								
	\$ 0.1000	<i>\$0.00</i>	\$11.01	<i>\\</i> 20.10	Q22.10	Q22.00	¢12.00	\$107.17								
14 Customer Charge units @	\$ 22.20								\$ 22.20	\$22.20	\$22.20	\$22.20 \$	\$ 22.20	\$22.20	\$133.20	
15 All units @	\$0.9266								\$39.60	\$17.16	\$12.52				\$69.28	
16 All eff. Aug 1, 2023 units @	\$0.9259											\$11.72	\$11.58	\$22.02	\$45.33	
17 COG 1	\$0.6916								\$29.56			····-			\$29.56	
									φ23.00	¢40.04						
18 COG 2	\$0.6916									\$12.81					\$12.81	
19 COG 3	\$0.6916										\$9.35				\$9.35	
20 COG 4	\$0.6916											\$8.76			\$8.76	
21 COG 5	\$0.6916												\$8.65		\$8.65	
22 COG 6	\$0.6916													\$16.45	\$16.45	
														\$10.45	φ10. 4 5	
23 Summer Period Weighted Avg. COG	\$0.6916															
24 LDAC	\$ 0.1850								\$7.91	\$3.43	\$2.50	\$2.34	\$2.31	\$4.40	\$22.89	
25	TOTAL	\$135.43	\$238.30	\$303.09	\$294.21	\$288.68	\$178.31	\$1,438.02	\$99.26	\$55.60	\$46.57	\$45.02	\$44.75	\$65.07	\$356.27	\$1,794.28
-		÷.00.10	+==0.00	+0.00	·	+==0.00	÷	, .,		+-5.00	÷	+	÷			
Base Rate Change Winter	\$ Change	\$8.40	\$16.04	\$20.85	\$20.19	\$19.78	\$11.59	\$96.85								
	% Change	7.55%	8.35%	8.75%	8.51%	7.98%	7.51%	8.20%								
COG Change Winter	\$ Change	\$9.59	\$18.30	\$29.01	\$22.18	\$8.83	\$5.17	\$93.07								
5	% Change	8.62%	9.52%	12.17%	9.34%	3.56%	3.35%	7.88%								
LDAC Change Winter	\$ Change	\$6.16	\$11.76	\$14.94	\$14.47	\$12.30	\$7.20	\$66.84								
	% Change	5.54%	6.12%	6.27%	6.10%	4.96%	4.67%	5.66%								
			-	-	-											
26		Nov	Dec	Jan	Feb	Mar	Apr	Winter	Мау	June	July	August	Sept	October	Summer	Annual
							Apr 70					August 13				
27 Typical Usage: therms		Nov 51	Dec 96	Jan 125	Feb 121	Mar 119	Apr 70	Winter 582	May 43	June 19	July 14	August 13	Sept 13	October 24	Summer 124	Annual 706
27 Typical Usage: therms 28 Winter 2021 - 2022		51	96	125	121	119	70	582								
27 Typical Usage: therms 28 Winter 2021 - 2022 29 Customer Charge units @	\$ 22.20	51 \$22.20	96 \$22.20	125 \$22.20	121 \$22.20	119 \$22.20	70 \$22.20	582 \$133.20								
27 Typical Usage: therms 28 Winter 2021 - 2022	\$22.20 \$0.7603	51	96	125	121	119	70	582								
27 Typical Usage: therms 28 Winter 2021 - 2022 29 Customer Charge units @ 30 First 50 units @	\$0.7603	51 \$22.20 \$38.02	96 \$22.20 \$38.02	125 \$22.20 \$38.02	121 \$22.20 \$38.02	119 \$22.20 \$38.02	70 \$22.20 \$38.02	582 \$133.20 \$228.09								
27 Typical Usage: therms 28 Winter 2021 - 2022 29 Customer Charge units @ 30 First 50 units @ 31 Over 50 units @	\$0.7603 \$0.7603	51 \$22.20 \$38.02 \$0.41	96 \$22.20	125 \$22.20	121 \$22.20	119 \$22.20	70 \$22.20	582 \$133.20 \$228.09 \$214.69								
27 Typical Usage: therms 28 Winter 2021 - 2022 29 Customer Charge units @ 30 First 50 units @ 31 Over 50 units @ 32 COG 1	\$0.7603 \$0.7603 \$0.9392	51 \$22.20 \$38.02	96 \$22.20 \$38.02 \$35.32	125 \$22.20 \$38.02	121 \$22.20 \$38.02	119 \$22.20 \$38.02	70 \$22.20 \$38.02	582 \$133.20 \$228.09 \$214.69 \$47.47								
27 Typical Usage: therms 28 Winter 2021 - 2022 29 Customer Charge units @ 30 First 50 units @ 31 Over 50 units @ 32 COG 1 33 COG 2	\$0.7603 \$0.7603 \$0.9392 \$0.9392	51 \$22.20 \$38.02 \$0.41	96 \$22.20 \$38.02	125 \$22.20 \$38.02 \$57.30	121 \$22.20 \$38.02	119 \$22.20 \$38.02	70 \$22.20 \$38.02	582 \$133.20 \$228.09 \$214.69 \$47.47 \$90.59								
27 Typical Usage: therms 28 Winter 2021 - 2022 29 Customer Charge units @ 30 First 50 units @ 31 Over 50 units @ 32 CCG 1 33 COG 2 34 COG 3	\$0.7603 \$0.7603 \$0.9392 \$0.9392 \$0.8975	51 \$22.20 \$38.02 \$0.41	96 \$22.20 \$38.02 \$35.32	125 \$22.20 \$38.02	121 \$22.20 \$38.02 \$54.29	119 \$22.20 \$38.02	70 \$22.20 \$38.02	582 \$133.20 \$228.09 \$214.69 \$47.47 \$90.59 \$112.52								
27 Typical Usage: therms 28 Winter 2021 - 2022 29 Customer Charge units @ 30 First 50 units @ 31 Over 50 units @ 32 COG 1 33 COG 2	\$0.7603 \$0.7603 \$0.9392 \$0.9392	51 \$22.20 \$38.02 \$0.41	96 \$22.20 \$38.02 \$35.32	125 \$22.20 \$38.02 \$57.30	121 \$22.20 \$38.02	119 \$22.20 \$38.02	70 \$22.20 \$38.02	582 \$133.20 \$228.09 \$214.69 \$47.47 \$90.59								
27 Typical Usage: therms 28 Winter 2021 - 2022 29 Customer Charge units @ 30 First 50 units @ 31 Over 50 units @ 32 CCG 1 33 COG 2 34 COG 3	\$0.7603 \$0.7603 \$0.9392 \$0.9392 \$0.8975	51 \$22.20 \$38.02 \$0.41	96 \$22.20 \$38.02 \$35.32	125 \$22.20 \$38.02 \$57.30	121 \$22.20 \$38.02 \$54.29	119 \$22.20 \$38.02	70 \$22.20 \$38.02	582 \$133.20 \$228.09 \$214.69 \$47.47 \$90.59 \$112.52								
27 Typical Usage: therms 28 Winter 2021 - 2022 29 Customer Charge units @ 30 First 50 units @ 31 Over 50 units @ 32 COG 1 33 COG 2 34 COG 3 35 COG 4 36 COG 5	\$0.7603 \$0.7603 \$0.9392 \$0.9392 \$0.8975 \$0.9462 \$1.0547	51 \$22.20 \$38.02 \$0.41	96 \$22.20 \$38.02 \$35.32	125 \$22.20 \$38.02 \$57.30	121 \$22.20 \$38.02 \$54.29	119 \$22.20 \$38.02 \$52.41	70 \$22.20 \$38.02 \$14.96	582 \$133.20 \$228.09 \$214.69 \$47.47 \$90.59 \$112.52 \$114.87 \$125.44								
27 Typical Usage: therms 28 Winter 2021 - 2022 29 Customer Charge units @ 30 First 50 units @ 31 Over 50 units @ 32 COG 1 33 COG 2 34 COG 3 35 COG 4 36 COG 5 37 COG 6	\$0.7603 \$0.7603 \$0.9392 \$0.9392 \$0.9462 \$1.0547 \$1.0547	51 \$22.20 \$38.02 \$0.41	96 \$22.20 \$38.02 \$35.32	125 \$22.20 \$38.02 \$57.30	121 \$22.20 \$38.02 \$54.29	119 \$22.20 \$38.02 \$52.41	70 \$22.20 \$38.02	582 \$133.20 \$228.09 \$214.69 \$47.47 \$90.59 \$112.52 \$114.87								
27 Typical Usage: therms 28 Winter 2021 - 2022 29 Customer Charge units @ 30 First 50 units @ 31 Over 50 units @ 32 COG 1 33 COG 2 34 COG 3 35 COG 4 36 COG 5 37 COG 6 38 Winter Period Weighted Avg. COG	\$0.7603 \$0.7603 \$0.9392 \$0.9392 \$0.8975 \$0.9462 \$1.0547 \$1.0547 \$0.9691	51 \$22.20 \$38.02 \$0.41 \$47.47	96 \$22.20 \$38.02 \$35.32 \$90.59	125 \$22.20 \$38.02 \$57.30	121 \$22.20 \$38.02 \$54.29	119 \$22.20 \$38.02 \$52.41	70 \$22.20 \$38.02 \$14.96	582 \$133.20 \$228.09 \$41.69 \$47.47 \$90.59 \$112.52 \$114.87 \$125.44 \$73.49								
27 Typical Usage: therms 28 Winter 2021 - 2022 29 Customer Charge units @ 30 First 50 units @ 31 Over 50 units @ 32 COG 1 33 COG 2 34 COG 3 35 COG 4 36 COG 5 37 COG 6 38 Winter Period Weighted Avg. COG 39 LDAC	\$0.7603 \$0.7603 \$0.9392 \$0.9392 \$0.8975 \$0.9462 \$1.0547 \$1.0547 \$0.9691 \$0.0631	51 \$22.20 \$38.02 \$0.41	96 \$22.20 \$38.02 \$35.32	125 \$22.20 \$38.02 \$57.30 \$112.52	121 \$22.20 \$38.02 \$54.29 \$114.87	119 \$22.20 \$38.02 \$52.41	70 \$22.20 \$38.02 \$14.96	582 \$133.20 \$228.09 \$214.69 \$47.47 \$90.59 \$112.52 \$114.87 \$125.44 \$73.49 \$9.28								
27 Typical Usage: therms 28 Winter 2021 - 2022 29 Customer Charge units @ 30 First 50 units @ 31 Over 50 units @ 32 COG 1 33 COG 2 34 COG 3 35 COG 4 36 COG 6 37 COG 6 38 Winter Period Weighted Avg. COG 39 LDAC 40 LDAC 2, January 1	\$0.7603 \$0.7603 \$0.9392 \$0.9392 \$0.9392 \$1.0547 \$1.0547 \$0.9691 \$0.0631 \$0.0658	51 \$22.20 \$38.02 \$0.41 \$47.47	96 \$22.20 \$38.02 \$35.32 \$90.59	125 \$22.20 \$38.02 \$57.30	121 \$22.20 \$38.02 \$54.29	119 \$22.20 \$38.02 \$52.41 \$125.44	70 \$22.20 \$38.02 \$14.96 \$73.49	582 \$133.20 \$228.09 \$214.69 \$47.47 \$90.59 \$112.52 \$114.87 \$125.44 \$73.49 \$9.28 \$16.24								
27 Typical Usage: therms 28 Winter 2021 - 2022 29 Customer Charge units @ 30 First 50 units @ 31 Over 50 units @ 32 COG 1 33 COG 2 34 COG 3 35 COG 4 36 COG 5 37 COG 6 38 Winter Period Weighted Avg. COG 39 LDAC	\$0.7603 \$0.7603 \$0.9392 \$0.9392 \$0.8975 \$0.9462 \$1.0547 \$1.0547 \$0.9691 \$0.0631	51 \$22.20 \$38.02 \$0.41 \$47.47	96 \$22.20 \$38.02 \$35.32 \$90.59	125 \$22.20 \$38.02 \$57.30 \$112.52	121 \$22.20 \$38.02 \$54.29 \$114.87	119 \$22.20 \$38.02 \$52.41	70 \$22.20 \$38.02 \$14.96	582 \$133.20 \$228.09 \$214.69 \$47.47 \$90.59 \$112.52 \$114.87 \$125.44 \$73.49 \$9.28								
27 Typical Usage: therms 28 Winter 2021 - 2022 29 Customer Charge units @ 30 First 50 units @ 31 Over 50 units @ 32 COG 1 33 COG 2 34 COG 3 35 COG 4 36 COG 5 37 COG 6 38 Winter Period Weighted Avg. COG 39 LDAC 40 LDAC 2, January 1 41 LDAC 3, March 1	\$0.7603 \$0.7603 \$0.9392 \$0.9392 \$0.9392 \$1.0547 \$1.0547 \$0.9691 \$0.0631 \$0.0658	51 \$22.20 \$38.02 \$0.41 \$47.47	96 \$22.20 \$38.02 \$35.32 \$90.59	125 \$22.20 \$38.02 \$57.30 \$112.52	121 \$22.20 \$38.02 \$54.29 \$114.87	119 \$22.20 \$38.02 \$52.41 \$125.44	70 \$22.20 \$38.02 \$14.96 \$73.49	582 \$133.20 \$228.09 \$214.69 \$47.47 \$90.59 \$112.52 \$114.87 \$125.44 \$73.49 \$9.28 \$16.24								
27 Typical Usage: therms 28 Winter 2021 - 2022 29 Customer Charge units @ 30 First 50 units @ 31 Over 50 units @ 32 COG 1 33 COG 2 34 COG 3 35 COG 4 36 COG 5 37 COG 6 38 Winter Period Weighted Avg. COG 39 LDAC 40 LDAC 2, January 1 41 LDAC 3, March 1 42 Summer 2022	\$0.7603 \$0.7603 \$0.9392 \$0.9392 \$0.8975 \$0.9462 \$1.0547 \$1.0547 \$0.0631 \$0.0651 \$0.0658 \$0.0816	51 \$22.20 \$38.02 \$0.41 \$47.47	96 \$22.20 \$38.02 \$35.32 \$90.59	125 \$22.20 \$38.02 \$57.30 \$112.52	121 \$22.20 \$38.02 \$54.29 \$114.87	119 \$22.20 \$38.02 \$52.41 \$125.44	70 \$22.20 \$38.02 \$14.96 \$73.49	582 \$133.20 \$228.09 \$214.69 \$47.47 \$90.59 \$112.52 \$114.87 \$125.44 \$73.49 \$9.28 \$16.24	43	19	14	13	13	24	124	
27 Typical Usage: therms 28 Winter 2021 - 2022 29 Customer Charge units @ 30 First 50 units @ 31 Over 50 units @ 32 COG 1 33 COG 2 34 COG 3 35 COG 4 36 COG 5 37 COG 6 38 Winter Period Weighted Avg. COG 39 LDAC 40 LDAC 2, January 1 41 LDAC 3, March 1 42 Summer 2022 43 Customer Charge units @	\$0.7603 \$0.7603 \$0.9392 \$0.9392 \$0.9392 \$0.9462 \$1.0547 \$1.0547 \$1.0547 \$0.9691 \$ 0.06631 \$ 0.0658 \$ 0.0816 \$ 22.20	51 \$22.20 \$38.02 \$0.41 \$47.47	96 \$22.20 \$38.02 \$35.32 \$90.59	125 \$22.20 \$38.02 \$57.30 \$112.52	121 \$22.20 \$38.02 \$54.29 \$114.87	119 \$22.20 \$38.02 \$52.41 \$125.44	70 \$22.20 \$38.02 \$14.96 \$73.49	582 \$133.20 \$228.09 \$214.69 \$47.47 \$90.59 \$112.52 \$114.87 \$125.44 \$73.49 \$9.28 \$16.24	43 \$22.20	19	14				\$133.20	
27 Typical Usage: therms 28 Winter 2021 - 2022 29 Customer Charge units @ 30 First 50 units @ 31 Over 50 units @ 32 COG 1 33 COG 2 34 COG 3 35 COG 6 36 COG 6 37 COG 6 38 Winter Period Weighted Avg. COG 39 LDAC 40 LDAC 2, January 1 41 LDAC 3, March 1 42 Summer 2022 43 Customer Charge units @ 44 First 50 units @	\$0.7603 \$0.7603 \$0.9392 \$0.9392 \$0.8975 \$0.9462 \$1.0547 \$1.0547 \$ 0.0631 \$ 0.0631 \$ 0.0638 \$ 0.0816 \$ 22.20 \$0.6782	51 \$22.20 \$38.02 \$0.41 \$47.47	96 \$22.20 \$38.02 \$35.32 \$90.59	125 \$22.20 \$38.02 \$57.30 \$112.52	121 \$22.20 \$38.02 \$54.29 \$114.87	119 \$22.20 \$38.02 \$52.41 \$125.44	70 \$22.20 \$38.02 \$14.96 \$73.49	582 \$133.20 \$228.09 \$214.69 \$47.47 \$90.59 \$112.52 \$114.87 \$125.44 \$73.49 \$9.28 \$16.24	43 \$22.20 \$28.98	19 \$22.20 \$12.56	14 \$22.20 \$9.17	13	13	24	124 \$133.20 \$50.71	
27 Typical Usage: therms 28 Winter 2021 - 2022 29 Customer Charge units @ 30 First 50 units @ 31 Over 50 units @ 32 COG 1 33 COG 2 34 COG 3 35 COG 4 36 COG 5 37 COG 6 38 Winter Period Weighted Avg. COG 39 LDAC 40 LDAC 2, January 1 41 LDAC 3, March 1 42 Summer 2022 43 Customer Charge units @	\$0.7603 \$0.7603 \$0.9392 \$0.9392 \$0.9392 \$0.9462 \$1.0547 \$1.0547 \$1.0547 \$0.9691 \$ 0.06631 \$ 0.0658 \$ 0.0816 \$ 22.20	51 \$22.20 \$38.02 \$0.41 \$47.47	96 \$22.20 \$38.02 \$35.32 \$90.59	125 \$22.20 \$38.02 \$57.30 \$112.52	121 \$22.20 \$38.02 \$54.29 \$114.87	119 \$22.20 \$38.02 \$52.41 \$125.44	70 \$22.20 \$38.02 \$14.96 \$73.49	582 \$133.20 \$228.09 \$214.69 \$47.47 \$90.59 \$112.52 \$114.87 \$125.44 \$73.49 \$9.28 \$16.24	43 \$22.20	19	14	13 \$22.20	13	24	\$133.20	
27 Typical Usage: therms 28 Winter 2021 - 2022 29 Customer Charge units @ 30 First 50 units @ 31 Over 50 units @ 32 COG 1 33 COG 2 34 COG 3 35 COG 6 36 COG 6 37 COG 6 38 Winter Period Weighted Avg. COG 39 LDAC 40 LDAC 2, January 1 41 LDAC 3, March 1 42 Summer 2022 43 Customer Charge units @ 44 First 50 units @	\$0.7603 \$0.7603 \$0.9392 \$0.9392 \$0.8975 \$0.9462 \$1.0547 \$1.0547 \$ 0.0631 \$ 0.0631 \$ 0.0638 \$ 0.0816 \$ 22.20 \$0.6782	51 \$22.20 \$38.02 \$0.41 \$47.47	96 \$22.20 \$38.02 \$35.32 \$90.59	125 \$22.20 \$38.02 \$57.30 \$112.52	121 \$22.20 \$38.02 \$54.29 \$114.87	119 \$22.20 \$38.02 \$52.41 \$125.44	70 \$22.20 \$38.02 \$14.96 \$73.49	582 \$133.20 \$228.09 \$214.69 \$47.47 \$90.59 \$112.52 \$114.87 \$125.44 \$73.49 \$9.28 \$16.24	43 \$22.20 \$28.98	19 \$22.20 \$12.56	14 \$22.20 \$9.17	13	13	24	124 \$133.20 \$50.71	
27 Typical Usage: therms 28 Winter 2021 - 2022 29 Customer Charge units @ 30 First 50 units @ 31 Over 50 units @ 32 COG 1 33 COG 2 34 COG 3 35 COG 4 36 COG 6 38 Winter Period Weighted Avg. COG 39 LDAC 40 LDAC 2, January 1 41 LDAC 2, March 1 42 Summer 2022 43 Customer Charge units @ 44 First 50 units @ 45 Over 50 units @ 46 Eff. Aug 1, 2022 All @	\$0.7603 \$0.7603 \$0.9392 \$0.9392 \$0.9392 \$0.9462 \$1.0547 \$1.0547 \$1.0547 \$0.9661 \$ 0.0663 \$ 0.0658 \$ 0.0816 \$ 22.20 \$0.6782 \$0.6782 \$0.8841	51 \$22.20 \$38.02 \$0.41 \$47.47	96 \$22.20 \$38.02 \$35.32 \$90.59	125 \$22.20 \$38.02 \$57.30 \$112.52	121 \$22.20 \$38.02 \$54.29 \$114.87	119 \$22.20 \$38.02 \$52.41 \$125.44	70 \$22.20 \$38.02 \$14.96 \$73.49	582 \$133.20 \$228.09 \$214.69 \$47.47 \$90.59 \$112.52 \$114.87 \$125.44 \$73.49 \$9.28 \$16.24	43 \$22.20 \$28.98	19 \$22.20 \$12.56	14 \$22.20 \$9.17	13 \$22.20	13 \$22.20	24 \$22.20	124 \$133.20 \$50.71 \$0.00 \$11.19	
27 Typical Usage: therms 28 Winter 2021 - 2022 29 Customer Charge units @ 30 First 50 units @ 31 Over 50 units @ 32 COG 1 33 COG 2 34 COG 3 35 COG 6 37 COG 6 38 Winter Period Weighted Avg. COG 40 LDAC 2, January 1 41 LDAC 3, March 1 42 Summer 2022 43 Customer Charge units @ 44 First 50 units @ 45 Over 50 units @ 45 Eff. Aug 1, 2022 All @ 47 Eff. Sept 1, 2022 All @	\$0.7603 \$0.7603 \$0.9392 \$0.9392 \$0.9392 \$1.0547 \$1.0547 \$0.9681 \$0.0631 \$0.0631 \$0.0631 \$0.0638 \$0.0816 \$22.20 \$0.6782 \$0.6782 \$0.6782 \$0.8841 \$0.9266	51 \$22.20 \$38.02 \$0.41 \$47.47	96 \$22.20 \$38.02 \$35.32 \$90.59	125 \$22.20 \$38.02 \$57.30 \$112.52	121 \$22.20 \$38.02 \$54.29 \$114.87	119 \$22.20 \$38.02 \$52.41 \$125.44	70 \$22.20 \$38.02 \$14.96 \$73.49	582 \$133.20 \$228.09 \$214.69 \$47.47 \$90.59 \$112.52 \$114.87 \$125.44 \$73.49 \$9.28 \$16.24	43 \$22.20 \$28.98 \$0.00	19 \$22.20 \$12.56	14 \$22.20 \$9.17	13 \$22.20	13	24	\$133.20 \$50.71 \$0.00 \$11.19 \$33.63	
27 Typical Usage: therms 28 Winter 2021 - 2022 29 Customer Charge units @ 30 First 50 units @ 31 Over 50 units @ 32 COG 1 33 COG 2 34 COG 3 35 COG 4 36 COG 5 37 COG 6 38 Winter Period Weighted Avg. COG 39 LDAC 40 LDAC 2, January 1 41 LDAC 3, March 1 42 Summer 2022 43 Customer Charge 44 First 50 units @ 45 Over 50 units @ 46 Eff. Aug 1, 2022 All @ 47 Eff. Sept 1, 2022 All @ 48 COG 1	\$0.7603 \$0.7603 \$0.9392 \$0.9392 \$0.8975 \$0.9462 \$1.0547 \$1.0547 \$ 0.0631 \$ 0.0658 \$ 0.0816 \$ 22.20 \$0.6782 \$0.6782 \$0.6782 \$0.6782 \$0.6782 \$0.6361	51 \$22.20 \$38.02 \$0.41 \$47.47	96 \$22.20 \$38.02 \$35.32 \$90.59	125 \$22.20 \$38.02 \$57.30 \$112.52	121 \$22.20 \$38.02 \$54.29 \$114.87	119 \$22.20 \$38.02 \$52.41 \$125.44	70 \$22.20 \$38.02 \$14.96 \$73.49	582 \$133.20 \$228.09 \$214.69 \$47.47 \$90.59 \$112.52 \$114.87 \$125.44 \$73.49 \$9.28 \$16.24	43 \$22.20 \$28.98	\$22.20 \$12.56 \$0.00	14 \$22.20 \$9.17	13 \$22.20	13 \$22.20	24 \$22.20	124 \$133.20 \$50.71 \$0.00 \$11.19 \$33.63 \$27.18	
27 Typical Usage: therms 28 Winter 2021 - 2022 29 Customer Charge units @ 30 First 50 units @ 31 Over 50 units @ 32 COG 1 33 COG 2 34 COG 3 35 COG 4 36 Winter Period Weighted Avg. COG 39 LDAC 40 LDAC 2, January 1 41 LDAC 2, March 1 42 Summer 2022 43 Customer Charge units @ 44 First 50 units @ 45 Over 50 units @ 45 Eff. Aug 1, 2022 All @ 48 Eff. Aug 1, 2022 All @ 48 COG 1 49 COG 2	\$0.7603 \$0.7603 \$0.9392 \$0.9392 \$0.9392 \$0.9462 \$1.0547 \$1.0547 \$1.0547 \$0.9691 \$0.0658 \$0.0816 \$22.20 \$0.6782 \$0.6782 \$0.8841 \$0.9266 \$0.6361 \$0.9126	51 \$22.20 \$38.02 \$0.41 \$47.47	96 \$22.20 \$38.02 \$35.32 \$90.59	125 \$22.20 \$38.02 \$57.30 \$112.52	121 \$22.20 \$38.02 \$54.29 \$114.87	119 \$22.20 \$38.02 \$52.41 \$125.44	70 \$22.20 \$38.02 \$14.96 \$73.49	582 \$133.20 \$228.09 \$214.69 \$47.47 \$90.59 \$112.52 \$114.87 \$125.44 \$73.49 \$9.28 \$16.24	43 \$22.20 \$28.98 \$0.00	19 \$22.20 \$12.56	14 \$22.20 \$9.17 \$0.00	13 \$22.20	13 \$22.20	24 \$22.20	\$133.20 \$50.71 \$0.00 \$11.19 \$33.63 \$27.18 \$16.90	
27 Typical Usage: therms 28 Winter 2021 - 2022 29 Customer Charge units @ 30 First 50 units @ 31 Over 50 units @ 32 COG 1 33 COG 2 34 COG 3 35 COG 6 37 COG 6 38 Winter Period Weighted Avg. COG 39 LDAC 40 LDAC 2, January 1 41 LDAC 3, March 1 42 Summer 2022 43 Customer Charge units @ 44 First 50 units @ 45 Over 50 units @ 45 Eff. Aug 1, 2022 All @ 47 Eff. Sept 1, 2022 All @ 48 COG 1 49 COG 2 50 COG 3	\$0.7603 \$0.7603 \$0.9392 \$0.9392 \$0.9392 \$1.0547 \$1.0547 \$0.0631 \$0.0631 \$0.0638 \$0.0816 \$22.20 \$0.6782 \$0.6782 \$0.8782 \$0.8782 \$0.8841 \$0.9266 \$0.9126	51 \$22.20 \$38.02 \$0.41 \$47.47	96 \$22.20 \$38.02 \$35.32 \$90.59	125 \$22.20 \$38.02 \$57.30 \$112.52	121 \$22.20 \$38.02 \$54.29 \$114.87	119 \$22.20 \$38.02 \$52.41 \$125.44	70 \$22.20 \$38.02 \$14.96 \$73.49	582 \$133.20 \$228.09 \$214.69 \$47.47 \$90.59 \$112.52 \$114.87 \$125.44 \$73.49 \$9.28 \$16.24	43 \$22.20 \$28.98 \$0.00	\$22.20 \$12.56 \$0.00	14 \$22.20 \$9.17	13 \$22.20 \$11.19	13 \$22.20	24 \$22.20	\$133.20 \$50.71 \$0.00 \$11.19 \$33.63 \$27.18 \$16.90 \$12.33	
27 Typical Usage: therms 28 Winter 2021 - 2022 29 Customer Charge units @ 30 First 50 units @ 31 Over 50 units @ 32 COG 1 33 COG 2 34 COG 3 35 COG 4 36 Winter Period Weighted Avg. COG 39 LDAC 40 LDAC 2, January 1 41 LDAC 2, March 1 42 Summer 2022 43 Customer Charge units @ 44 First 50 units @ 45 Over 50 units @ 45 Eff. Aug 1, 2022 All @ 48 Eff. Aug 1, 2022 All @ 48 COG 1 49 COG 2	\$0.7603 \$0.7603 \$0.9392 \$0.9392 \$0.9392 \$0.9462 \$1.0547 \$1.0547 \$1.0547 \$0.9691 \$0.0658 \$0.0816 \$22.20 \$0.6782 \$0.6782 \$0.8841 \$0.9266 \$0.6361 \$0.9126	51 \$22.20 \$38.02 \$0.41 \$47.47	96 \$22.20 \$38.02 \$35.32 \$90.59	125 \$22.20 \$38.02 \$57.30 \$112.52	121 \$22.20 \$38.02 \$54.29 \$114.87	119 \$22.20 \$38.02 \$52.41 \$125.44	70 \$22.20 \$38.02 \$14.96 \$73.49	582 \$133.20 \$228.09 \$214.69 \$47.47 \$90.59 \$112.52 \$114.87 \$125.44 \$73.49 \$9.28 \$16.24	43 \$22.20 \$28.98 \$0.00	\$22.20 \$12.56 \$0.00	14 \$22.20 \$9.17 \$0.00	13 \$22.20	13 \$22.20	24 \$22.20	\$133.20 \$50.71 \$0.00 \$11.19 \$33.63 \$27.18 \$16.90	
27 Typical Usage: therms 28 Winter 2021 - 2022 29 Customer Charge units @ 30 First 50 units @ 31 Over 50 units @ 32 COG 1 33 COG 2 34 COG 3 35 COG 4 36 COG 5 37 COG 6 38 Winter Period Weighted Avg. COG 39 LDAC 40 LDAC 2, January 1 41 LDAC 3, March 1 42 Summer 2022 43 Customer Charge units @ 44 First 50 units @ 45 Over 50 units @ 46 Eff. Aug 1, 2022 All @ 47 Eff. Sept 1, 2022 All @ 48 COG 1 49 COG 2 50 COG 3 51 COG 4	\$0.7603 \$0.7603 \$0.9392 \$0.9392 \$0.8975 \$0.9462 \$1.0547 \$1.0547 \$ 0.0631 \$ 0.0631 \$ 0.0631 \$ 0.0816 \$ 22.20 \$ 0.6782 \$0.8841 \$0.9266 \$0.6361 \$0.9126	51 \$22.20 \$38.02 \$0.41 \$47.47	96 \$22.20 \$38.02 \$35.32 \$90.59	125 \$22.20 \$38.02 \$57.30 \$112.52	121 \$22.20 \$38.02 \$54.29 \$114.87	119 \$22.20 \$38.02 \$52.41 \$125.44	70 \$22.20 \$38.02 \$14.96 \$73.49	582 \$133.20 \$228.09 \$214.69 \$47.47 \$90.59 \$112.52 \$114.87 \$125.44 \$73.49 \$9.28 \$16.24	43 \$22.20 \$28.98 \$0.00	\$22.20 \$12.56 \$0.00	14 \$22.20 \$9.17 \$0.00	13 \$22.20 \$11.19	13 \$22.20 \$11.59	24 \$22.20	124 \$133.20 \$50.71 \$0.00 \$11.19 \$33.63 \$27.18 \$16.90 \$12.33 \$11.55	
27 Typical Usage: therms 28 Winter 2021 - 2022 29 Customer Charge units @ 30 First 50 units @ 31 Over 50 units @ 32 COG 1 33 COG 2 34 COG 3 35 COG 4 36 COG 5 37 COG 6 38 Winter Period Weighted Avg. COG 39 LDAC 40 LDAC 2, January 1 41 LDAC 3, March 1 42 Summer 2022 43 Customer Charge units @ 44 First 50 units @ 45 Over 50 units @ 46 Eff. Aug 1, 2022 All @ 47 Eff. Sept 1, 2022 All @ 48 COG 1 49 COG 2 50 COG 3 51 COG 4 52 COG 5	\$0.7603 \$0.7603 \$0.9392 \$0.9392 \$0.9392 \$0.9462 \$1.0547 \$1.0547 \$1.0547 \$0.0658 \$0.0651 \$0.0658 \$0.0816 \$22.20 \$0.6782 \$0.6782 \$0.8841 \$0.9266 \$0.9126	51 \$22.20 \$38.02 \$0.41 \$47.47	96 \$22.20 \$38.02 \$35.32 \$90.59	125 \$22.20 \$38.02 \$57.30 \$112.52	121 \$22.20 \$38.02 \$54.29 \$114.87	119 \$22.20 \$38.02 \$52.41 \$125.44	70 \$22.20 \$38.02 \$14.96 \$73.49	582 \$133.20 \$228.09 \$214.69 \$47.47 \$90.59 \$112.52 \$114.87 \$125.44 \$73.49 \$9.28 \$16.24	43 \$22.20 \$28.98 \$0.00	\$22.20 \$12.56 \$0.00	14 \$22.20 \$9.17 \$0.00	13 \$22.20 \$11.19	13 \$22.20	24 \$22.20 \$22.04	124 \$133.20 \$50.71 \$0.00 \$11.19 \$33.63 \$27.18 \$16.90 \$12.33 \$11.53 \$14.02	
27 Typical Usage: therms 28 Winter 2021 - 2022 29 Customer Charge units @ 30 First 50 units @ 31 Over 50 units @ 32 COG 1 33 COG 2 34 COG 3 35 COG 6 36 COG 6 37 COG 6 38 Unter Period Weighted Avg. COG 39 LDAC 40 LDAC 2, January 1 41 LDAC 3, March 1 42 Summer 2022 43 Customer Charge units @ 44 First 50 units @ 45 Over 50 units @ 46 Eff. Aug 1, 2022 All @ 47 Eff. Sept 1, 2022 All @ 48 COG 1 49 COG 2 50 COG 3 51 COG 4 52 COG 5 53 COG 5	\$0.7603 \$0.7603 \$0.9392 \$0.9392 \$0.9392 \$1.0547 \$1.0547 \$0.0631 \$0.0631 \$0.0658 \$0.0816 \$22.20 \$0.6782 \$0.6782 \$0.6782 \$0.6782 \$0.6782 \$0.6782 \$0.6782 \$0.6782 \$0.8411 \$0.9266 \$0.9126 \$0.9126 \$0.9126 \$0.9126 \$0.9126 \$1.1204	51 \$22.20 \$38.02 \$0.41 \$47.47	96 \$22.20 \$38.02 \$35.32 \$90.59	125 \$22.20 \$38.02 \$57.30 \$112.52	121 \$22.20 \$38.02 \$54.29 \$114.87	119 \$22.20 \$38.02 \$52.41 \$125.44	70 \$22.20 \$38.02 \$14.96 \$73.49	582 \$133.20 \$228.09 \$214.69 \$47.47 \$90.59 \$112.52 \$114.87 \$125.44 \$73.49 \$9.28 \$16.24	43 \$22.20 \$28.98 \$0.00	\$22.20 \$12.56 \$0.00	14 \$22.20 \$9.17 \$0.00	13 \$22.20 \$11.19	13 \$22.20 \$11.59	24 \$22.20	124 \$133.20 \$50.71 \$0.00 \$11.19 \$33.63 \$27.18 \$16.90 \$12.33 \$11.55	
27 Typical Usage: therms 28 Winter 2021 - 2022 29 Customer Charge units @ 30 First 50 units @ 31 Over 50 units @ 32 COG 1 33 COG 2 34 COG 3 35 COG 6 36 COG 6 37 COG 6 38 Winter Period Weighted Avg. COG 39 LDAC 40 LDAC 2, January 1 41 LDAC 3, March 1 42 Summer 2022 43 Customer Charge units @ 44 First 50 units @ 45 Over 50 units @ 45 Over 50 units @ 45 Over 50 units @ 45 Eff. Aug 1, 2022 All @ 47 Eff. Sept 1, 2022 All @ 49 COG 2 50 COG 3 51 COG 4 52 COG 5 53 COG 6 54 Summer Period Weighted Avg. COG <td>\$0.7603 \$0.7603 \$0.9392 \$0.9392 \$0.8975 \$0.9462 \$1.0547 \$1.0547 \$ 0.0631 \$ 0.0658 \$ 0.0658 \$ 0.0816 \$ 22.20 \$0.6782 \$0.6782 \$0.6782 \$0.6782 \$0.6782 \$0.6782 \$0.6782 \$0.6782 \$0.6782 \$0.6782 \$0.8841 \$0.9266 \$0.9126 \$1.1204 \$1.1204 \$0.8781</td> <td>51 \$22.20 \$38.02 \$0.41 \$47.47</td> <td>96 \$22.20 \$38.02 \$35.32 \$90.59</td> <td>125 \$22.20 \$38.02 \$57.30 \$112.52</td> <td>121 \$22.20 \$38.02 \$54.29 \$114.87</td> <td>119 \$22.20 \$38.02 \$52.41 \$125.44</td> <td>70 \$22.20 \$38.02 \$14.96 \$73.49</td> <td>582 \$133.20 \$228.09 \$214.69 \$47.47 \$90.59 \$112.52 \$114.87 \$125.44 \$73.49 \$9.28 \$16.24</td> <td>43 \$22.20 \$28.98 \$0.00 \$27.18</td> <td>\$22.20 \$12.56 \$0.00 \$16.90</td> <td>14 \$22.20 \$9.17 \$0.00 \$12.33</td> <td>13 \$22.20 \$11.19 \$11.55</td> <td>13 \$22.20 \$11.59 \$14.02</td> <td>24 \$22.20 \$22.04 \$26.65</td> <td>124 \$133.20 \$50.71 \$0.00 \$11.19 \$33.63 \$27.18 \$16.90 \$12.33 \$11.55 \$14.02 \$26.65</td> <td></td>	\$0.7603 \$0.7603 \$0.9392 \$0.9392 \$0.8975 \$0.9462 \$1.0547 \$1.0547 \$ 0.0631 \$ 0.0658 \$ 0.0658 \$ 0.0816 \$ 22.20 \$0.6782 \$0.6782 \$0.6782 \$0.6782 \$0.6782 \$0.6782 \$0.6782 \$0.6782 \$0.6782 \$0.6782 \$0.8841 \$0.9266 \$0.9126 \$1.1204 \$1.1204 \$0.8781	51 \$22.20 \$38.02 \$0.41 \$47.47	96 \$22.20 \$38.02 \$35.32 \$90.59	125 \$22.20 \$38.02 \$57.30 \$112.52	121 \$22.20 \$38.02 \$54.29 \$114.87	119 \$22.20 \$38.02 \$52.41 \$125.44	70 \$22.20 \$38.02 \$14.96 \$73.49	582 \$133.20 \$228.09 \$214.69 \$47.47 \$90.59 \$112.52 \$114.87 \$125.44 \$73.49 \$9.28 \$16.24	43 \$22.20 \$28.98 \$0.00 \$27.18	\$22.20 \$12.56 \$0.00 \$16.90	14 \$22.20 \$9.17 \$0.00 \$12.33	13 \$22.20 \$11.19 \$11.55	13 \$22.20 \$11.59 \$14.02	24 \$22.20 \$22.04 \$26.65	124 \$133.20 \$50.71 \$0.00 \$11.19 \$33.63 \$27.18 \$16.90 \$12.33 \$11.55 \$14.02 \$26.65	
27 Typical Usage: therms 28 Winter 2021 - 2022 29 Customer Charge units @ 30 First 50 units @ 31 Over 50 units @ 32 COG 1 33 COG 2 34 COG 3 35 COG 6 36 COG 6 37 COG 6 38 Winter Period Weighted Avg. COG 40 LDAC 2, January 1 41 LDAC 3, March 1 42 Summer 2022 43 Customer Charge units @ 44 First 50 units @ 45 Over 50 units @ 46 Eff. Aug 1, 2022 All @ 47 Eff. Sept 1, 2022 All @ 48 COG 1 49 COG 2 50 COG 3 51 COG 4 52 COG 5 53 COG 5	\$0.7603 \$0.7603 \$0.9392 \$0.9392 \$0.9392 \$1.0547 \$1.0547 \$0.0631 \$0.0631 \$0.0658 \$0.0816 \$22.20 \$0.6782 \$0.6782 \$0.6782 \$0.6782 \$0.8841 \$0.9266 \$0.9126 \$0.9126 \$0.9126 \$0.9126 \$1.1204	51 \$22.20 \$38.02 \$0.41 \$47.47	96 \$22.20 \$38.02 \$35.32 \$90.59	125 \$22.20 \$38.02 \$57.30 \$112.52	121 \$22.20 \$38.02 \$54.29 \$114.87	119 \$22.20 \$38.02 \$52.41 \$125.44	70 \$22.20 \$38.02 \$14.96 \$73.49	582 \$133.20 \$228.09 \$214.69 \$47.47 \$90.59 \$112.52 \$114.87 \$125.44 \$73.49 \$9.28 \$16.24	43 \$22.20 \$28.98 \$0.00	\$22.20 \$12.56 \$0.00	14 \$22.20 \$9.17 \$0.00	13 \$22.20 \$11.19	13 \$22.20 \$11.59	24 \$22.20 \$22.04	124 \$133.20 \$50.71 \$0.00 \$11.19 \$33.63 \$27.18 \$16.90 \$12.33 \$11.53 \$14.02	
27 Typical Usage: therms 28 Winter 2021 - 2022 29 Customer Charge units @ 30 First 50 units @ 31 Over 50 units @ 32 COG 1 33 33 COG 2 34 4 COG 3 35 5 COG 6 37 7 COG 6 39 8 Winter Period Weighted Avg. COG 39 LDAC 30 40 LDAC 2, January 1 41 LDAC 3, March 1 42 Summer 2022 43 Customer Charge 44 First 50 45 Over 50 Units @ 45 Over 50 units @ 45 GVer 40 COG 1 44 First 90 40 COG 2 50 COG 4 50 COG 5 51 COG 4	\$0.7603 \$0.7603 \$0.9392 \$0.9392 \$0.9395 \$0.9462 \$1.0547 \$1.0547 \$0.0631 \$0.0631 \$0.0638 \$0.0816 \$22.20 \$0.6782 \$0.6782 \$0.6782 \$0.6782 \$0.67841 \$0.9266 \$0.9126 \$0.9126 \$0.9126 \$1.1204 \$1.1204 \$1.1204 \$0.8781 \$0.0816	51 \$22.20 \$38.02 \$0.41 \$47.47 \$3.19	96 \$22.20 \$38.02 \$35.32 \$90.59 \$6.09	125 \$22.20 \$38.02 \$57.30 \$112.52 \$8.25	121 \$22.20 \$38.02 \$54.29 \$114.87 \$7.99	119 \$22.20 \$38.02 \$52.41 \$125.44 \$9.71	70 \$22.20 \$38.02 \$14.96 \$73.49 \$5.69	582 \$133.20 \$228.09 \$214.69 \$47.47 \$90.59 \$112.52 \$114.87 \$125.44 \$73.49 \$9.28 \$16.24 \$15.39	43 \$22.20 \$28.98 \$0.00 \$27.18 \$3.49	\$22.20 \$12.56 \$0.00 \$16.90 \$1.51	14 \$22.20 \$9.17 \$0.00 \$12.33 \$1.10	13 \$22.20 \$11.19 \$11.55 \$1.03	13 \$22.20 \$11.59 \$14.02 \$1.02	24 \$22.20 \$22.04 \$26.65 \$1.94	124 \$133.20 \$50.71 \$0.00 \$11.19 \$33.63 \$27.18 \$16.90 \$12.33 \$11.55 \$14.02 \$26.65 \$10.10	706
27 Typical Usage: therms 28 Winter 2021 - 2022 29 Customer Charge units @ 30 First 50 units @ 31 Over 50 units @ 32 COG 1 33 COG 2 34 COG 3 35 COG 6 36 COG 6 37 COG 6 38 Winter Period Weighted Avg. COG 39 LDAC 40 LDAC 2, January 1 41 LDAC 3, March 1 42 Summer 2022 43 Customer Charge units @ 44 First 50 units @ 45 Over 50 units @ 45 Over 50 units @ 45 Over 50 units @ 45 Eff. Aug 1, 2022 All @ 47 Eff. Sept 1, 2022 All @ 49 COG 2 50 COG 3 51 COG 4 52 COG 5 53 COG 6 54 Summer Period Weighted Avg. COG <td>\$0.7603 \$0.7603 \$0.9392 \$0.9392 \$0.8975 \$0.9462 \$1.0547 \$1.0547 \$ 0.0631 \$ 0.0658 \$ 0.0658 \$ 0.0816 \$ 22.20 \$0.6782 \$0.6782 \$0.6782 \$0.6782 \$0.6782 \$0.6782 \$0.6782 \$0.6782 \$0.6782 \$0.6782 \$0.8841 \$0.9266 \$0.9126 \$1.1204 \$1.1204 \$0.8781</td> <td>51 \$22.20 \$38.02 \$0.41 \$47.47</td> <td>96 \$22.20 \$38.02 \$35.32 \$90.59</td> <td>125 \$22.20 \$38.02 \$57.30 \$112.52</td> <td>121 \$22.20 \$38.02 \$54.29 \$114.87</td> <td>119 \$22.20 \$38.02 \$52.41 \$125.44</td> <td>70 \$22.20 \$38.02 \$14.96 \$73.49</td> <td>582 \$133.20 \$228.09 \$214.69 \$47.47 \$90.59 \$112.52 \$114.87 \$125.44 \$73.49 \$9.28 \$16.24</td> <td>43 \$22.20 \$28.98 \$0.00 \$27.18</td> <td>\$22.20 \$12.56 \$0.00 \$16.90</td> <td>14 \$22.20 \$9.17 \$0.00 \$12.33</td> <td>13 \$22.20 \$11.19 \$11.55</td> <td>13 \$22.20 \$11.59 \$14.02</td> <td>24 \$22.20 \$22.04 \$26.65</td> <td>124 \$133.20 \$50.71 \$0.00 \$11.19 \$33.63 \$27.18 \$16.90 \$12.33 \$11.55 \$14.02 \$26.65</td> <td></td>	\$0.7603 \$0.7603 \$0.9392 \$0.9392 \$0.8975 \$0.9462 \$1.0547 \$1.0547 \$ 0.0631 \$ 0.0658 \$ 0.0658 \$ 0.0816 \$ 22.20 \$0.6782 \$0.6782 \$0.6782 \$0.6782 \$0.6782 \$0.6782 \$0.6782 \$0.6782 \$0.6782 \$0.6782 \$0.8841 \$0.9266 \$0.9126 \$1.1204 \$1.1204 \$0.8781	51 \$22.20 \$38.02 \$0.41 \$47.47	96 \$22.20 \$38.02 \$35.32 \$90.59	125 \$22.20 \$38.02 \$57.30 \$112.52	121 \$22.20 \$38.02 \$54.29 \$114.87	119 \$22.20 \$38.02 \$52.41 \$125.44	70 \$22.20 \$38.02 \$14.96 \$73.49	582 \$133.20 \$228.09 \$214.69 \$47.47 \$90.59 \$112.52 \$114.87 \$125.44 \$73.49 \$9.28 \$16.24	43 \$22.20 \$28.98 \$0.00 \$27.18	\$22.20 \$12.56 \$0.00 \$16.90	14 \$22.20 \$9.17 \$0.00 \$12.33	13 \$22.20 \$11.19 \$11.55	13 \$22.20 \$11.59 \$14.02	24 \$22.20 \$22.04 \$26.65	124 \$133.20 \$50.71 \$0.00 \$11.19 \$33.63 \$27.18 \$16.90 \$12.33 \$11.55 \$14.02 \$26.65	
27 Typical Usage: therms 28 Winter 2021 - 2022 29 Customer Charge units @ 30 First 50 units @ 31 Over 50 units @ 32 COG 1 33 COG 2 34 COG 3 35 COG 4 36 COG 5 37 COG 6 38 Winter Period Weighted Avg. COG 39 LDAC 40 LDAC 2, January 1 41 LDAC 3, March 1 42 Summer 2022 43 Customer Charge units @ 44 First 50 units @ 45 Over 50 units @ 46 Eff. Aug 1, 2022 All @ 47 Eff. Sept 1, 2022 All @ 48 COG 2 50 COG 3 51 COG 4 52 COG 5 53 COG 6 54 Summer Period Weighted Avg. COG 55 LDAC	\$0.7603 \$0.7603 \$0.9392 \$0.9392 \$0.8975 \$0.9462 \$1.0547 \$1.0547 \$0.0658 \$0.0658 \$0.0816 \$22.20 \$0.6782 \$0.6782 \$0.6782 \$0.6782 \$0.8841 \$0.9266 \$0.9126 \$1.1204 \$1.1204 \$0.9126 \$1.1204 \$0.0816 \$0.9126 \$1.1204 \$0.0816	51 \$22.20 \$38.02 \$0.41 \$47.47 \$3.19 \$3.19 \$3.19	96 \$22.20 \$38.02 \$35.32 \$90.59 \$6.09 \$6.09	125 \$22.20 \$38.02 \$57.30 \$112.52 \$8.25 \$8.25	121 \$22.20 \$38.02 \$54.29 \$114.87 \$7.99 \$7.99	119 \$22.20 \$38.02 \$52.41 \$125.44 \$9.71 \$9.71	70 \$22 20 \$38.02 \$14.96 \$73.49 \$5.69 \$5.69 \$154.35	582 \$133.20 \$228.09 \$214.69 \$47.47 \$90.59 \$112.52 \$114.87 \$125.44 \$73.49 \$9.28 \$16.24 \$15.39 \$15.39 \$15.39	43 \$22.20 \$28.98 \$0.00 \$27.18 \$3.49 \$81.85	\$22.20 \$12.56 \$0.00 \$16.90 \$1.51 \$53.17	14 \$22.20 \$9.17 \$0.00 \$12.33 \$1.10 \$44.80	13 \$22.20 \$11.19 \$11.55 <u>\$1.03</u> \$45.98	13 \$22.20 \$11.59 \$14.02 \$1.02 \$48.83	24 \$22.20 \$22.04 \$26.65 \$1.94 \$72.83	124 \$133.20 \$50.71 \$0.00 \$11.19 \$33.68 \$16.90 \$12.33 \$11.55 \$14.02 \$26.65 \$10.10 \$347.47	706 \$1,528.73
27 Typical Usage: therms 28 Winter 2021 - 2022 29 Customer Charge units @ 30 First 50 units @ 31 Over 50 units @ 32 COG 1 33 COG 2 34 COG 3 35 COG 4 36 COG 5 37 COG 6 38 Winter Period Weighted Avg. COG 39 LDAC 40 LDAC 2, January 1 41 LDAC 3, March 1 42 Summer 2022 43 Customer Charge units @ 44 First 50 units @ 45 Over 50 units @ 46 Eff. Aug 1, 2022 All @ 47 Eff. Sept 1, 2022 All @ 48 COG 1 9 COG 2 50 COG 6 51 COG 6 52 COG 6 54 Summer Period Weighted Avg. COG 55 LDAC 56 Son 57	\$0.7603 \$0.7603 \$0.9392 \$0.9392 \$0.9392 \$1.0547 \$1.0547 \$1.0547 \$0.0631 \$0.0658 \$0.0816 \$2220 \$0.6782 \$0.6782 \$0.8841 \$0.9266 \$0.6361 \$0.9126 \$0.916\$}	51 \$22.20 \$38.02 \$0.41 \$47.47 \$3.19 \$3.19 \$3.19 \$3.19	96 \$22.20 \$38.02 \$35.32 \$90.59 \$6.09 \$6.09	125 \$22.20 \$38.02 \$57.30 \$112.52 \$8.25 \$8.25	121 \$22.20 \$38.02 \$54.29 \$114.87 \$7.99 \$7.99	119 \$22.20 \$38.02 \$52.41 \$125.44 \$9.71 \$9.71	70 \$22.20 \$38.02 \$14.96 \$73.49 \$5.69 \$5.69 \$154.35 \$23.96	582 \$133.20 \$228.09 \$14.69 \$112.52 \$114.87 \$125.44 \$73.49 \$9.28 \$16.24 \$15.39 \$15.39 \$15.39 \$1,181.26 \$256.76	43 \$22.20 \$28.98 \$0.00 \$27.18 \$3.49 \$81.85 \$17.41	\$22.20 \$12.56 \$0.00 \$16.90 \$15.11 \$53.17 \$2.42	14 \$22.20 \$9.17 \$0.00 \$12.33 \$1.10 \$44.80 \$1.77	13 \$22.20 \$11.19 \$11.55 \$1.03 \$45.98 (\$0.96)	13 \$22.20 \$11.59 \$14.02 \$1.02 \$48.83 (\$4.08)	24 \$22.20 \$22.04 \$26.65 \$1.94 \$72.83 (\$7.76)	124 \$133.20 \$50.71 \$0.00 \$11.19 \$33.63 \$27.18 \$16.90 \$12.33 \$11.55 \$14.02 \$26.65 \$14.02 \$26.65 \$10.10 \$347.47 \$8.80	706 \$1,528.73 \$265.56
27 Typical Usage: therms 28 Winter 2021 - 2022 29 Customer Charge units @ 30 First 50 units @ 31 Over 50 units @ 32 COG 1 33 COG 2 34 COG 3 35 COG 4 36 COG 5 37 COG 6 38 Winter Period Weighted Avg. COG 39 LDAC 40 LDAC 2, January 1 41 LDAC 3, March 1 42 Summer 2022 43 SU onits @ 44 First 50 units @ 45 Over 50 units @ 46 Eff. Aug 1, 2022 All @ 47 Eff. Sept 1, 2022 All @ 48 COG 1 9 COG 2 50 COG 3 51 COG 4 52 COG 5 53 COG 6 54 Summer Period Weighted Avg. COG 55 LDAC	\$0.7603 \$0.7603 \$0.9392 \$0.9392 \$0.9392 \$1.0547 \$1.0547 \$0.0631 \$0.0668 \$0.0816 \$22.20 \$0.6782 \$0.6782 \$0.6782 \$0.6782 \$0.6782 \$0.6782 \$0.6782 \$0.841 \$0.9266 \$0.9126 \$0.9166\$0.9166 \$0.91666 \$0.91666 \$0.91666 \$0.91666 \$0.9166666 \$0.9166666 \$0.9166666 \$0.	51 \$22.20 \$38.02 \$0.41 \$47.47 \$3.19 \$3.19 \$3.19 \$3.19 \$3.19	96 \$22.20 \$38.02 \$35.32 \$90.59 \$6.09 \$6.09	125 \$22.20 \$38.02 \$57.30 \$112.52 \$8.25 \$8.25	121 \$22.20 \$38.02 \$54.29 \$114.87 \$7.99 \$7.99	119 \$22.20 \$38.02 \$52.41 \$125.44 \$9.71 \$9.71	70 \$22 20 \$38.02 \$14.96 \$73.49 \$5.69 \$5.69 \$154.35	582 \$133.20 \$228.09 \$214.69 \$47.47 \$90.59 \$112.52 \$114.87 \$125.44 \$73.49 \$9.28 \$16.24 \$15.39 \$15.39 \$15.39	43 \$22.20 \$28.98 \$0.00 \$27.18 \$3.49 \$81.85	\$22.20 \$12.56 \$0.00 \$16.90 \$1.51 \$53.17	14 \$22.20 \$9.17 \$0.00 \$12.33 \$1.10 \$44.80	13 \$22.20 \$11.19 \$11.55 <u>\$1.03</u> \$45.98	13 \$22.20 \$11.59 \$14.02 \$1.02 \$48.83	24 \$22.20 \$22.04 \$26.65 \$1.94 \$72.83	124 \$133.20 \$50.71 \$0.00 \$11.19 \$33.68 \$16.90 \$12.33 \$11.55 \$14.02 \$26.65 \$10.10 \$347.47	706 \$1,528.73

*-Note- Weighted by usage. Most recent 12 months actual Weather Normalized.

		NOF	THER		ITIES.	NC I	NEW H	AMPSH	IRE DI	visio	J						Northern Utilities, Inc.
								- 2,099 tł			-				050		New Hampshire Division
								Winter 202							SECO	JND REVISE	D Attachment NUI-SED-3 Page 2 of 10
1		Nov	Dec	Jan	Feb	Mar	Apr	Winter	Мау	June	July	August	Sept	October	Summer	Annual	1 490 2 01 10
2 Typical Usage: therms (*)	138	290	401	397	373	213	1,812	111	40	26	26	26	59	287	2,099	
3 Winter 2022 - 2023																	
4 Customer Charge units @ 5 All units @	\$ 80.00 \$0.2556	\$80.00 \$35.33	\$80.00 \$74.09	\$80.00 \$102.44	\$80.00 \$101.49	\$80.00 \$95.33	\$80.00 \$54.36	\$480.00 \$463.03									
5 All units @ 6 COG 1	\$0.2556 \$1.1428	\$35.33 \$157.96	\$74.09	\$102.44	\$101.49	\$90.33	\$04.30	\$463.03 \$157.96									
7 COG 2	\$1.1428	<i><i><i></i></i></i>	\$331.26					\$331.26									
8 COG 3	\$1.1428			\$458.00				\$458.00									
9 COG 4 10 COG 5	\$1.1428 \$1.1428				\$453.76	\$426.24		\$453.76 \$426.24									
11 COG 6	\$1.1428					φ420.24	\$243.03	\$243.03									
12 LDAC	\$0.0493	\$6.81	\$14.29	\$19.76	\$19.57	\$18.39	\$10.48	\$89.31									
13 Summer 2023																	
14 Customer Charge units @	\$ 80.00								\$ 80.00	\$80.00	\$80.00	\$80.00	\$ 80.00	\$80.00	\$480.00		
15 All units @ 16 All eff. Aug 1, 2023 units @	\$0.2556 \$0.2554								\$28.38	\$10.21	\$6.62	\$6.62	\$6.56	\$15.04	\$45.20 \$28.21		
17 COG 1	\$0.7383								\$81.97			ψ0.02	ψ0.00	ψ10.0 4	\$81.97		
18 COG 2	\$0.7383								-	\$29.48					\$29.48		
19 COG 3	\$0.7383										\$19.11				\$19.11		
20 COG 4 21 COG 5	\$0.7383 \$0.7383											\$19.13	\$18.95		\$19.13 \$18.95		
22 COG 6	\$0.7383												φ10.55	\$43.47	\$43.47		
23 Summer Period Weighted Avg. COG	\$0.7383																
24 LDAC	\$ 0.0493								\$5.47	\$1.97	\$1.28	\$1.28	\$1.27	\$2.90	\$14.16		
25	TOTAL	\$280.10	\$499.64	\$660.19	\$654.82	\$619.96	\$387.87	\$3,102.58	\$195.82	\$121.66	\$107.00	\$107.03	\$106.78	\$141.41	\$779.70	\$3,882.28	
Base Rate Change Winter	\$ Change	\$11.35	\$18.42	\$23.59	\$23.41	\$22.29	\$14.82	\$113.88									
	% Change	5%	4%	4%	4%	4%	4%	4%									
COG Change Winter	\$ Change % Change	\$25.94 11%	\$54.41 13%	\$91.94 17%	\$71.75 13%	\$26.93 5%	\$15.35 4%	\$286.32 11%									
LDAC Change Winter	\$ Change	\$1.84	\$3.86	\$1.80	\$1.79	-\$0.41	-\$0.23	\$8.64									
	% Change	0.8%	0.9%	0.3%	0.3%	-0.1%	-0.1%	0.3%									
	% Change																
26	% Change	Nov	Dec	Jan	Feb	Mar	Apr	Winter	Мау	June	July		Sept		Summer	Annual	
27 Typical Usage: therms	% Change								May 111	June 40	July 26	August 26	Sept 26	October 59	Summer 287	Annual 2,099	
27 Typical Usage: therms 28 Winter 2021 - 2022		Nov 138	Dec 290	Jan 401	Feb 397	Mar 373	Apr 213	Winter 1,812									
27 Typical Usage: therms	% Change \$ 75.09 \$0.2090	Nov	Dec	Jan	Feb	Mar	Apr	Winter									
27 Typical Usage: therms 28 Winter 2021 - 2022 29 Customer Charge units @ 30 First 75 units @ 31 Over 75 units @	\$ 75.09 \$0.2090 \$0.2090	Nov 138 \$75.09 \$15.68 \$13.21	Dec 290 \$75.09	Jan 401 \$75.09	Feb 397 \$75.09	Mar 373 \$75.09	Apr 213 \$75.09	Winter 1,812 \$450.54 \$94.05 \$284.56	111								
27 Typical Usage: therms 28 Winter 2021 - 2022 29 Customer Charge units @ 30 First 75 units @ 31 Over 75 units @ 32 COG 1	\$75.09 \$0.2090 \$0.2090 \$0.9551	Nov 138 \$75.09 \$15.68	Dec 290 \$75.09 \$15.68 \$44.91	Jan 401 \$75.09 \$15.68	Feb 397 \$75.09 \$15.68	Mar 373 \$75.09 \$15.68	Apr 213 \$75.09 \$15.68	Winter 1,812 \$450.54 \$94.05 \$284.56 \$132.01	111								
27 Typical Usage: therms 28 Winter 2021 - 2022 29 Customer Charge units @ 30 First 75 units @ 31 Over 75 units @ 32 COG 1 33 COG 2	\$ 75.09 \$0.2090 \$0.2090 \$0.9551 \$0.9551	Nov 138 \$75.09 \$15.68 \$13.21	Dec 290 \$75.09 \$15.68	Jan 401 \$75.09 \$15.68 \$68.09	Feb 397 \$75.09 \$15.68	Mar 373 \$75.09 \$15.68	Apr 213 \$75.09 \$15.68	Winter 1,812 \$450.54 \$94.05 \$284.56 \$132.01 \$276.85	111								
27 Typical Usage: therms 28 Winter 2021 - 2022 29 Customer Charge units @ 30 First 75 units @ 31 Over 75 units @ 32 COG 1	\$75.09 \$0.2090 \$0.2090 \$0.9551	Nov 138 \$75.09 \$15.68 \$13.21	Dec 290 \$75.09 \$15.68 \$44.91	Jan 401 \$75.09 \$15.68	Feb 397 \$75.09 \$15.68	Mar 373 \$75.09 \$15.68	Apr 213 \$75.09 \$15.68	Winter 1,812 \$450.54 \$94.05 \$284.56 \$132.01	111								
27 Typical Usage: therms 28 Winter 2021 - 2022 29 Customer Charge units @ 30 First 75 units @ 31 Over 75 units @ 32 COG 1 33 COG 2 34 COG 3 35 COG 4 36 COG 5	\$ 75.09 \$0.2090 \$0.2090 \$0.9551 \$0.9551 \$0.9134 \$0.9621 \$1.0706	Nov 138 \$75.09 \$15.68 \$13.21	Dec 290 \$75.09 \$15.68 \$44.91	Jan 401 \$75.09 \$15.68 \$68.09	Feb 397 \$75.09 \$15.68 \$67.31	Mar 373 \$75.09 \$15.68	Apr 213 \$75.09 \$15.68 \$28.77	Winter 1,812 \$450.54 \$94.05 \$284.56 \$132.01 \$276.85 \$366.06 \$382.01 \$399.31	111								
27 Typical Usage: therms 28 Winter 2021 - 2022 29 Customer Charge units @ 30 First 75 units @ 31 Over 75 units @ 32 COG 1 33 COG 2 34 COG 3 35 COG 4 36 COG 5 37 COG 6	\$ 75.09 \$0.2090 \$0.9551 \$0.9551 \$0.9134 \$0.9621 \$1.0706	Nov 138 \$75.09 \$15.68 \$13.21	Dec 290 \$75.09 \$15.68 \$44.91	Jan 401 \$75.09 \$15.68 \$68.09	Feb 397 \$75.09 \$15.68 \$67.31	Mar 373 \$75.09 \$15.68 \$62.28	Apr 213 \$75.09 \$15.68	Winter 1,812 \$450.54 \$94.05 \$284.56 \$132.01 \$276.85 \$366.06 \$382.01	111								
27 Typical Usage: therms 28 Winter 2021 - 2022 29 Customer Charge units @ 30 First 75 units @ 31 Over 75 units @ 32 COG 1 33 COG 2 34 COG 3 35 COG 5 36 COG 6 37 COG 6 38 Winter Period Weighted Avg. COG	\$ 75.09 \$0.2090 \$0.9551 \$0.9551 \$0.9134 \$0.9621 \$1.0706 \$1.0706	Nov 138 \$75.09 \$15.68 \$13.21 \$132.01	Dec 290 \$15.68 \$44.91 \$276.85	Jan 401 \$75.09 \$15.68 \$68.09	Feb 397 \$75.09 \$15.68 \$67.31	Mar 373 \$75.09 \$15.68 \$62.28	Apr 213 \$75.09 \$15.68 \$28.77	Winter 1,812 \$450.54 \$94.05 \$284.56 \$132.01 \$276.85 \$366.06 \$382.01 \$399.31 \$227.68	111								
27 Typical Usage: therms 28 Winter 2021 - 2022 29 Customer Charge units @ 30 First 75 units @ 31 Over 75 units @ 32 COG 1 33 COG 2 34 COG 3 35 COG 4 36 COG 5 37 COG 6 38 Winter Period Weighted Avg. COG 39 LDAC 40 LDAC 2, January 1	\$ 75.09 \$0.2090 \$0.9551 \$0.9551 \$0.9134 \$0.9621 \$1.0706 \$1.0706 \$0.9847 \$ 0.0360 \$ 0.0448	Nov 138 \$75.09 \$15.68 \$13.21	Dec 290 \$75.09 \$15.68 \$44.91	Jan 401 \$75.09 \$15.68 \$68.09	Feb 397 \$75.09 \$15.68 \$67.31	Mar 373 \$75.09 \$15.68 \$62.28	Apr 213 \$75.09 \$15.68 \$28.77 \$227.68	Winter 1,812 \$450.54 \$94.05 \$284.56 \$132.01 \$276.85 \$366.06 \$382.01 \$399.31 \$227.68 \$15.41 \$35.74	111								
27 Typical Usage: therms 28 Winter 2021 - 2022 29 Customer Charge units @ 30 First 75 units @ 31 Over 75 units @ 32 COG 1 33 COG 2 34 COG 3 35 COG 4 36 COG 6 37 COG 6 39 LDAC 40 LDAC 2, January 1 41 LDAC 3, March 1	\$ 75.09 \$0.2090 \$0.9551 \$0.9551 \$0.9134 \$0.9621 \$1.0706 \$1.0706 \$0.9847 \$ 0.0360	Nov 138 \$75.09 \$15.68 \$13.21 \$132.01	Dec 290 \$15.68 \$44.91 \$276.85	Jan 401 \$75.09 \$15.68 \$68.09 \$366.06	Feb 397 \$75.09 \$15.68 \$67.31 \$382.01	Mar 373 \$75.09 \$15.68 \$62.28	Apr 213 \$75.09 \$15.68 \$28.77	Winter 1,812 \$450.54 \$94.05 \$284.56 \$132.01 \$276.85 \$366.06 \$382.01 \$399.31 \$227.68 \$15.41	111								
27 Typical Usage: therms 28 Winter 2021 - 2022 29 Customer Charge units @ 30 First 75 units @ 31 Over 75 units @ 32 COG 1 33 COG 2 34 COG 3 35 COG 6 36 COG 6 39 LDAC 40 LDAC 2, January 1 41 LDAC 3, March 1 42 Summer 2022	\$ 75.09 \$0.2090 \$0.9551 \$0.9551 \$0.9134 \$0.9621 \$1.0706 \$0.9847 \$ 0.0360 \$ 0.0448 \$ 0.0504	Nov 138 \$75.09 \$15.68 \$13.21 \$132.01	Dec 290 \$15.68 \$44.91 \$276.85	Jan 401 \$75.09 \$15.68 \$68.09 \$366.06	Feb 397 \$75.09 \$15.68 \$67.31 \$382.01	Mar 373 \$15.68 \$62.28 \$399.31	Apr 213 \$75.09 \$15.68 \$28.77 \$227.68	Winter 1,812 \$450.54 \$94.05 \$284.56 \$132.01 \$276.85 \$366.06 \$382.01 \$399.31 \$227.68 \$15.41 \$35.74	111	40	26	26	26	59	287		
27 Typical Usage: therms 28 Winter 2021 - 2022 29 Customer Charge units @ 30 First 75 units @ 31 Over 75 units @ 32 COG 1 33 COG 2 34 COG 3 35 COG 4 36 COG 5 37 COG 6 38 Winter Period Weighted Avg. COG 39 LDAC 40 LDAC 2, January 1 41 LDAC 2, March 1 42 Summer 2022 43 Customer Charge** units @	\$ 75.09 \$0.2090 \$0.9551 \$0.9551 \$0.9551 \$0.9621 \$0.9621 \$0.9621 \$0.0360 \$0.0448 \$0.0504 \$ 75.09	Nov 138 \$75.09 \$15.68 \$13.21 \$132.01	Dec 290 \$15.68 \$44.91 \$276.85	Jan 401 \$75.09 \$15.68 \$68.09 \$366.06	Feb 397 \$75.09 \$15.68 \$67.31 \$382.01	Mar 373 \$15.68 \$62.28 \$399.31	Apr 213 \$75.09 \$15.68 \$28.77 \$227.68	Winter 1,812 \$450.54 \$94.05 \$284.56 \$132.01 \$276.85 \$366.06 \$382.01 \$399.31 \$227.68 \$15.41 \$35.74	\$75.09	40	26 \$75.09				287 \$465.27		
27 Typical Usage: therms 28 Winter 2021 - 2022 29 Customer Charge units @ 30 First 75 units @ 31 Over 75 units @ 32 COG 1 33 COG 2 34 COG 3 35 COG 6 36 COG 6 39 LDAC 40 LDAC 2, January 1 41 LDAC 3, March 1 42 Summer 2022 43 Customer Charge** units @ 44 First 75 units @	\$ 75.09 \$0.2090 \$0.9551 \$0.9551 \$0.9551 \$0.9621 \$1.0706 \$1.0706 \$0.9847 \$ 0.0360 \$ 0.0448 \$ 0.0504 \$ 75.09 \$0.2090	Nov 138 \$75.09 \$15.68 \$13.21 \$132.01	Dec 290 \$15.68 \$44.91 \$276.85	Jan 401 \$75.09 \$15.68 \$68.09 \$366.06	Feb 397 \$75.09 \$15.68 \$67.31 \$382.01	Mar 373 \$15.68 \$62.28 \$399.31	Apr 213 \$75.09 \$15.68 \$28.77 \$227.68	Winter 1,812 \$450.54 \$94.05 \$284.56 \$132.01 \$276.85 \$366.06 \$382.01 \$399.31 \$227.68 \$15.41 \$35.74	\$75.09 \$15.68	40 \$75.09 \$8.35	26 \$75.09 \$5.41	26	26	59	287 \$465.27 \$29.43		
27 Typical Usage: therms 28 Winter 2021 - 2022 29 Customer Charge units @ 30 First 75 units @ 31 Over 75 units @ 32 COG 1 33 COG 2 34 COG 3 35 COG 4 36 COG 5 37 COG 6 38 Winter Period Weighted Avg. COG 39 LDAC 40 LDAC 2, January 1 41 LDAC 2, January 1 42 Summer 2022 43 Customer Charge** <units @<="" td=""> 44 First 75 units @ 45 Over 75 units @ 46 Eff, Aug. 1, 2022 All @</units>	\$ 75.09 \$0.2090 \$0.2090 \$0.9551 \$0.9551 \$0.9434 \$0.9621 \$0.9847 \$ 0.0360 \$ 0.0448 \$ 0.0504 \$ 75.09 \$0.2090 \$0.2090 \$0.2090	Nov 138 \$75.09 \$15.68 \$13.21 \$132.01	Dec 290 \$15.68 \$44.91 \$276.85	Jan 401 \$75.09 \$15.68 \$68.09 \$366.06	Feb 397 \$75.09 \$15.68 \$67.31 \$382.01	Mar 373 \$15.68 \$62.28 \$399.31	Apr 213 \$75.09 \$15.68 \$28.77 \$227.68	Winter 1,812 \$450.54 \$94.05 \$284.56 \$132.01 \$276.85 \$366.06 \$382.01 \$399.31 \$227.68 \$15.41 \$35.74	\$75.09	40	26 \$75.09	26	26 \$80.00	59 \$80.00	287 \$465.27 \$29.43 \$7.53 \$6.01		
27 Typical Usage: therms 28 Winter 2021 - 2022 29 Customer Charge units @ 30 First 75 units @ 31 Over 75 units @ 32 COG 1 33 COG 2 34 COG 3 35 COG 6 37 COG 6 39 LDAC 40 LDAC 2, January 1 41 LDAC 3, March 1 42 Summer 2022 43 Customer Charge** units @ 44 First 75 units @ 45 Over 75 units @ 45 Over 75 units @ 46 Eff, Aug. 1, 2022 All @ 47 Eff, Sept. 1, 2022 All @	\$ 75.09 \$0.2090 \$0.9551 \$0.9551 \$0.9551 \$0.9621 \$1.0706 \$1.0706 \$0.9847 \$ 0.0360 \$ 0.0448 \$ 0.0504 \$ 75.09 \$0.2090 \$0.2090 \$0.2320	Nov 138 \$75.09 \$15.68 \$13.21 \$132.01	Dec 290 \$15.68 \$44.91 \$276.85	Jan 401 \$75.09 \$15.68 \$68.09 \$366.06	Feb 397 \$75.09 \$15.68 \$67.31 \$382.01	Mar 373 \$15.68 \$62.28 \$399.31	Apr 213 \$75.09 \$15.68 \$28.77 \$227.68	Winter 1,812 \$450.54 \$94.05 \$284.56 \$132.01 \$276.85 \$366.06 \$382.01 \$399.31 \$227.68 \$15.41 \$35.74	\$75.09 \$15.68 \$7.53	40 \$75.09 \$8.35	26 \$75.09 \$5.41	26 \$80.00	26	59	287 \$465.27 \$29.43 \$7.53 \$6.01 \$21.61		
27 Typical Usage: therms 28 Winter 2021 - 2022 29 Customer Charge units @ 30 First 75 units @ 31 Over 75 units @ 32 COG 1 33 COG 2 34 COG 3 35 COG 6 36 COG 6 37 COG 6 39 LDAC 40 LDAC 2, January 1 41 LDAC 3, March 1 42 Summer 2022 43 Customer Charge** units @ 44 First 75 units @ 45 Over 75 units @ 46 Eff, Aug. 1, 2022 All @ 47 Eff, Sept. 1, 2022 All @ 48 COG 1	\$ 75.09 \$0.2090 \$0.9551 \$0.9551 \$1.0706 \$1.0706 \$1.0706 \$0.0847 \$ 0.0360 \$ 0.0448 \$ 0.0504 \$ 75.09 \$0.2090 \$0.2090 \$0.2090 \$0.2256 \$0.6630	Nov 138 \$75.09 \$15.68 \$13.21 \$132.01	Dec 290 \$15.68 \$44.91 \$276.85	Jan 401 \$75.09 \$15.68 \$68.09 \$366.06	Feb 397 \$75.09 \$15.68 \$67.31 \$382.01	Mar 373 \$15.68 \$62.28 \$399.31	Apr 213 \$75.09 \$15.68 \$28.77 \$227.68	Winter 1,812 \$450.54 \$94.05 \$284.56 \$132.01 \$276.85 \$366.06 \$382.01 \$399.31 \$227.68 \$15.41 \$35.74	\$75.09 \$15.68	40 \$75.09 \$8.35 \$0.00	26 \$75.09 \$5.41	26 \$80.00	26 \$80.00	59 \$80.00	287 \$465.27 \$29.43 \$7.53 \$6.01 \$73.61		
27 Typical Usage: therms 28 Winter 2021 - 2022 29 Customer Charge units @ 30 First 75 units @ 31 Over 75 units @ 32 COG 1 33 COG 2 34 COG 3 35 COG 6 37 COG 6 39 LDAC 40 LDAC 2, January 1 41 LDAC 3, March 1 42 Summer 2022 43 Customer Charge** units @ 44 First 75 units @ 45 Over 75 units @ 45 Over 75 units @ 46 Eff, Aug. 1, 2022 All @ 47 Eff, Sept. 1, 2022 All @	\$ 75.09 \$0.2090 \$0.9551 \$0.9551 \$0.9551 \$0.9621 \$1.0706 \$1.0706 \$0.9847 \$ 0.0360 \$ 0.0448 \$ 0.0504 \$ 75.09 \$0.2090 \$0.2090 \$0.2320	Nov 138 \$75.09 \$15.68 \$13.21 \$132.01	Dec 290 \$15.68 \$44.91 \$276.85	Jan 401 \$75.09 \$15.68 \$68.09 \$366.06	Feb 397 \$75.09 \$15.68 \$67.31 \$382.01	Mar 373 \$15.68 \$62.28 \$399.31	Apr 213 \$75.09 \$15.68 \$28.77 \$227.68	Winter 1,812 \$450.54 \$94.05 \$284.56 \$132.01 \$276.85 \$366.06 \$382.01 \$399.31 \$227.68 \$15.41 \$35.74	\$75.09 \$15.68 \$7.53	40 \$75.09 \$8.35	26 \$75.09 \$5.41	26 \$80.00	26 \$80.00	59 \$80.00	287 \$465.27 \$29.43 \$7.53 \$6.01 \$21.61		
27 Typical Usage: therms 28 Winter 2021 - 2022 29 Customer Charge units @ 30 First 75 units @ 31 Over 75 units @ 32 COG 1 33 COG 2 34 COG 3 35 COG 4 36 COG 5 37 COG 6 38 Winter Period Weighted Avg. COG 39 LDAC 40 LDAC 2, January 1 41 LDAC 2, January 1 41 LDAC 2, March 1 42 Summer 2022 43 Customer Charge** units @ 44 First 75 units @ 45 Over 75 units @ 46 Eff, Aug. 1, 2022 All @ 47 Eff, Sept. 1, 2022 All @ 48 COG 1 49 COG 2	\$ 75.09 \$0.2090 \$0.9551 \$0.9551 \$0.9134 \$0.9621 \$1.0706 \$1.0706 \$0.0360 \$0.0448 \$ 0.0504 \$ 75.09 \$0.2090 \$0.2090 \$0.2090 \$0.2220 \$0.2556 \$0.6630 \$0.9395	Nov 138 \$75.09 \$15.68 \$13.21 \$132.01	Dec 290 \$15.68 \$44.91 \$276.85	Jan 401 \$75.09 \$15.68 \$68.09 \$366.06	Feb 397 \$75.09 \$15.68 \$67.31 \$382.01	Mar 373 \$15.68 \$62.28 \$399.31	Apr 213 \$75.09 \$15.68 \$28.77 \$227.68	Winter 1,812 \$450.54 \$94.05 \$284.56 \$132.01 \$276.85 \$366.06 \$382.01 \$399.31 \$227.68 \$15.41 \$35.74	\$75.09 \$15.68 \$7.53	40 \$75.09 \$8.35 \$0.00	26 \$75.09 \$5.41 \$0.00	26 \$80.00	26 \$80.00	59 \$80.00	287 \$465.27 \$29.43 \$7.53 \$6.01 \$21.61 \$73.61 \$37.51		
27 Typical Usage: therms 28 Winter 2021 - 2022 29 Customer Charge units @ 30 First 75 units @ 31 Over 75 units @ 32 COG 1 33 COG 2 34 COG 3 35 COG 4 36 COG 5 37 COG 6 38 Winter Period Weighted Avg. COG 39 LDAC 40 LDAC 2, January 1 41 LDAC 3, March 1 42 Summer 2022 43 Customer Charge** units @ 44 First 75 units @ 45 Over 75 units @ 46 Eff, Aug. 1, 2022 All @ 48 COG 1 49 COG 2 50 COG 3 51 COG 4	 \$ 75.09 \$0.2090 \$0.9551 \$0.9551 \$0.9551 \$0.9421 \$0.9621 \$0.9847 \$0.0360 \$0.0448 \$0.0504 \$ 75.09 \$0.2090 \$0.2090	Nov 138 \$75.09 \$15.68 \$13.21 \$132.01	Dec 290 \$15.68 \$44.91 \$276.85	Jan 401 \$75.09 \$15.68 \$68.09 \$366.06	Feb 397 \$75.09 \$15.68 \$67.31 \$382.01	Mar 373 \$15.68 \$62.28 \$399.31	Apr 213 \$75.09 \$15.68 \$28.77 \$227.68	Winter 1,812 \$450.54 \$94.05 \$284.56 \$132.01 \$276.85 \$366.06 \$382.01 \$399.31 \$227.68 \$15.41 \$35.74	\$75.09 \$15.68 \$7.53	40 \$75.09 \$8.35 \$0.00	26 \$75.09 \$5.41 \$0.00	26 \$80.00 \$6.01	26 \$80.00	59 \$80.00 \$15.05	287 \$465.27 \$29.43 \$7.53 \$6.01 \$21.61 \$37.51 \$24.32 \$24.35 \$29.45		
27 Typical Usage: therms 28 Winter 2021 - 2022 29 Customer Charge units @ 30 First 75 units @ 31 Over 75 units @ 32 COG 1 33 COG 2 34 COG 3 35 COG 6 36 COG 6 37 COG 6 39 LDAC 40 LDAC 2, January 1 41 LDAC 3, March 1 42 Summer 2022 43 Customer Charge** units @ 44 First 75 units @ 45 Over 75 units @ 46 Eff, Aug. 1, 2022 All @ 47 Eff, Sept. 1, 2022 All @ 49 COG 2 50 COG 3 51 COG 4 52 COG 5	\$ 75.09 \$0.2090 \$0.9551 \$0.9551 \$0.9134 \$0.9621 \$1.0706 \$0.9847 \$ 0.0360 \$ 0.0448 \$ 0.0504 \$ 75.09 \$0.2090 \$0.2090 \$0.2090 \$0.2090 \$0.2090 \$0.2090 \$0.2090 \$0.2090 \$0.2090 \$0.2090 \$0.2090 \$0.2090 \$0.2090 \$0.2090 \$0.2090 \$0.2090 \$0.2090 \$0.2090 \$0.9095 \$0.9095 \$0.9395 \$0.9395 \$0.9395 \$0.9395 \$0.9395 \$0.9395	Nov 138 \$75.09 \$15.68 \$13.21 \$132.01	Dec 290 \$15.68 \$44.91 \$276.85	Jan 401 \$75.09 \$15.68 \$68.09 \$366.06	Feb 397 \$75.09 \$15.68 \$67.31 \$382.01	Mar 373 \$15.68 \$62.28 \$399.31	Apr 213 \$75.09 \$15.68 \$28.77 \$227.68	Winter 1,812 \$450.54 \$94.05 \$284.56 \$132.01 \$276.85 \$366.06 \$382.01 \$399.31 \$227.68 \$15.41 \$35.74	\$75.09 \$15.68 \$7.53	40 \$75.09 \$8.35 \$0.00	26 \$75.09 \$5.41 \$0.00	26 \$80.00 \$6.01	26 \$80.00 \$6.56	59 \$80.00	287 \$465.27 \$29.43 \$7.53 \$6.01 \$21.61 \$73.61 \$37.51 \$24.32 \$24.35		
27 Typical Usage: therms 28 Winter 2021 - 2022 29 Customer Charge units @ 30 First 75 units @ 31 Over 75 units @ 32 COG 1 33 COG 2 34 COG 3 35 COG 4 36 COG 5 37 COG 6 38 Winter Period Weighted Avg. COG 39 LDAC 40 LDAC 2, January 1 41 LDAC 3, March 1 42 Summer 2022 43 Customer Charge** units @ 44 First 75 units @ 45 Over 75 units @ 46 Eff, Aug. 1, 2022 All @ 47 Eff, Sept. 1, 2022 All @ 49 COG 2 50 COG 3 51 COG 4 52 COG 5 53 COG 6 54 Summer Period Weighted Avg. COG	\$ 75.09 \$0.2090 \$0.9551 \$0.9551 \$0.9134 \$0.9621 \$1.0706 \$1.0706 \$0.0847 \$ 0.0360 \$ 0.0448 \$ 0.0504 \$ 75.09 \$0.2090 \$0.2090 \$0.2090 \$0.2090 \$0.2256 \$0.630 \$0.9395 \$0.9395 \$1.1473 \$0.8383	Nov 138 \$75.09 \$15.68 \$13.21 \$132.01	Dec 290 \$15.68 \$44.91 \$276.85	Jan 401 \$75.09 \$15.68 \$68.09 \$366.06	Feb 397 \$75.09 \$15.68 \$67.31 \$382.01	Mar 373 \$15.68 \$62.28 \$399.31	Apr 213 \$75.09 \$15.68 \$28.77 \$227.68	Winter 1,812 \$450.54 \$94.05 \$284.56 \$132.01 \$276.85 \$366.06 \$382.01 \$399.31 \$227.68 \$15.41 \$35.74	\$75.09 \$15.68 \$7.53 \$73.61	40 \$75.09 \$8.35 \$0.00 \$37.51	26 \$75.09 \$5.41 \$0.00 \$24.32	\$80.00 \$6.01 \$24.35	26 \$80.00 \$6.56 \$29.45	59 \$80.00 \$15.05 \$67.55	287 \$465.27 \$29.43 \$7.53 \$6.01 \$21.61 \$73.61 \$37.51 \$24.32 \$29.45 \$67.55		
27 Typical Usage: therms 28 Winter 2021 - 2022 29 Customer Charge units @ 30 First 75 units @ 31 Over 75 units @ 32 COG 1 33 COG 2 34 COG 3 35 COG 6 36 COG 6 37 COG 6 38 Winter Period Weighted Avg. COG 39 LDAC 40 LDAC 2, January 1 41 LDAC 3, March 1 42 Summer 2022 43 Customer Charge** units @ 44 First 75 units @ 45 Over 75 units @ 45 Over 75 units @ 46 Eff, Aug. 1, 2022 All @ 47 Eff, Sept. 1, 2022 All @ 49 COG 2 50 COG 4 52 COG 5 53 COG 6 54 Summer Period Weighted Avg. COG 55 LDAC	\$ 75.09 \$0.2090 \$0.9551 \$0.9551 \$0.9134 \$0.9621 \$0.9847 \$ 0.0360 \$ 0.0448 \$ 0.0504 \$ 75.09 \$0.2090 \$0.2090 \$0.2090 \$0.2090 \$0.2320 \$0.3355 \$0.3555 \$0.3555 \$0.3555 \$0.3555 \$0.3555 \$0.3555 \$0.3555 \$0.3555 \$0.3555 \$0.3555 \$0.3555 \$0.3555 \$0.3555 \$0.3555\$	Nov 138 \$75.09 \$15.68 \$13.21 \$132.01 \$4.98	Dec 290 \$15.68 \$44.91 \$276.85 \$10.44	Jan 401 \$75.09 \$15.68 \$68.09 \$366.06 \$17.95	Feb 397 \$75.09 \$15.68 \$67.31 \$382.01 \$17.79	Mar 373 \$75.09 \$15.68 \$62.28 \$399.31 \$18.80	Apr 213 \$75.09 \$15.68 \$28.77 \$227.68 \$10.72	Winter 1,812 \$450.54 \$284.65 \$132.01 \$276.85 \$366.06 \$382.01 \$399.31 \$227.68 \$15.41 \$35.74 \$29.52	\$75.09 \$15.68 \$7.53 \$73.61 \$5.60	40 \$75.09 \$8.35 \$0.00 \$37.51 \$2.01	26 \$75.09 \$5.41 \$0.00 \$24.32 \$1.30	\$80.00 \$6.01 \$24.35 \$1.31	26 \$80.00 \$6.56 \$29.45 \$1.29	59 \$80.00 \$15.05 \$67.55 \$2.97	287 \$465.27 \$29.43 \$7.53 \$6.01 \$21.61 \$73.61 \$24.32 \$24.35 \$29.45 \$67.55 \$67.55	2,099	
27 Typical Usage: therms 28 Winter 2021 - 2022 29 Customer Charge units @ 30 First 75 units @ 31 Over 75 units @ 32 COG 1 33 COG 2 34 COG 3 35 COG 4 36 COG 5 37 COG 6 38 Winter Period Weighted Avg. COG 39 LDAC 40 LDAC 2, January 1 41 LDAC 3, March 1 42 Summer 2022 43 Customer Charge** units @ 44 First 75 units @ 45 Over 75 units @ 46 Eff, Aug. 1, 2022 All @ 47 Eff, Sept. 1, 2022 All @ 48 COG 1 9 COG 2 50 COG 4 52 COG 5 53 COG 6 54 Summer Period Weighted Avg. COG 55 LDAC	\$ 75.09 \$0.2090 \$0.9551 \$0.9551 \$0.9134 \$0.9621 \$1.0706 \$1.0706 \$0.0847 \$ 0.0360 \$ 0.0448 \$ 0.0504 \$ 75.09 \$0.2090 \$0.2320 \$0.2566 \$0.6630 \$0.9395 \$0.9395 \$0.9395 \$1.1473 \$0.8338 \$ 0.0504 TOTAL	Nov 138 \$75.09 \$13.21 \$132.01 \$4.98 \$4.98	Dec 290 \$15.68 \$44.91 \$276.85 \$10.44 \$10.44	Jan 401 \$75.09 \$15.68 \$68.09 \$366.06 \$17.95 \$17.95	Feb 397 \$75.09 \$15.68 \$67.31 \$382.01 \$17.79 \$17.79	Mar 373 \$75.09 \$15.68 \$62.28 \$399.31 \$18.80 \$18.80	Apr 213 \$75.09 \$15.68 \$28.77 \$227.68 \$10.72 \$10.72 \$10.72	Winter 1,812 \$450.54 \$284.56 \$132.01 \$276.85 \$366.06 \$382.01 \$227.68 \$15.41 \$35.74 \$29.52 \$15.41 \$35.74 \$29.52	\$75.09 \$15.68 \$7.53 \$73.61 \$5.60 \$177.50	40 \$75.09 \$8.35 \$0.00 \$37.51 \$2.01 \$122.96	26 \$75.09 \$5.41 \$0.00 \$24.32 \$1.30 \$106.13	\$80.00 \$6.01 \$24.35 \$1.31 \$111.67	26 \$80.00 \$6.56 \$29.45 \$1.29 \$117.31	59 \$80.00 \$15.05 \$67.55 \$2.97 \$165.57	287 \$465.27 \$29.43 \$7.53 \$6.01 \$73.61 \$73.61 \$73.61 \$73.61 \$37.51 \$24.32 \$24.35 \$29.45 \$67.55 \$14.48 \$801.13	2,099	
27 Typical Usage: therms 28 Winter 2021 - 2022 29 Customer Charge units @ 30 First 75 units @ 31 Over 75 units @ 32 COG 1 33 COG 2 34 COG 3 35 COG 6 36 COG 6 37 COG 6 38 Winter Period Weighted Avg. COG 39 LDAC 40 LDAC 2, January 1 41 LDAC 3, March 1 42 Summer 2022 43 Customer Charge** units @ 44 First 75 units @ 45 Over 75 units @ 45 Over 75 units @ 46 Eff, Aug. 1, 2022 All @ 47 Eff, Sept. 1, 2022 All @ 49 COG 2 50 COG 4 52 COG 5 53 COG 6 54 Summer Period Weighted Avg. COG 55 LDAC	\$ 75.09 \$0.2090 \$0.9551 \$0.9551 \$0.9134 \$0.9621 \$0.9847 \$ 0.0360 \$ 0.0448 \$ 0.0504 \$ 75.09 \$0.2090 \$0.2090 \$0.2090 \$0.2090 \$0.2320 \$0.3355 \$0.3555 \$0.3555 \$0.3555 \$0.3555 \$0.3555 \$0.3555 \$0.3555 \$0.3555 \$0.3555 \$0.3555 \$0.3555 \$0.3555 \$0.3555\$	Nov 138 \$75.09 \$15.68 \$13.21 \$132.01 \$4.98	Dec 290 \$15.68 \$44.91 \$276.85 \$10.44 \$10.44	Jan 401 \$75.09 \$15.68 \$68.09 \$366.06 \$17.95	Feb 397 \$75.09 \$15.68 \$67.31 \$382.01 \$17.79	Mar 373 \$75.09 \$15.68 \$62.28 \$399.31 \$18.80	Apr 213 \$75.09 \$15.68 \$28.77 \$227.68 \$10.72	Winter 1,812 \$450.54 \$284.65 \$132.01 \$276.85 \$366.06 \$382.01 \$399.31 \$227.68 \$15.41 \$35.74 \$29.52	\$75.09 \$15.68 \$7.53 \$73.61 \$5.60 \$177.50 \$18.32	40 \$75.09 \$8.35 \$0.00 \$37.51 \$2.01	26 \$75.09 \$5.41 \$0.00 \$24.32 \$1.30	\$80.00 \$6.01 \$24.35 \$1.31	26 \$80.00 \$6.56 \$29.45 \$1.29	59 \$80.00 \$15.05 \$67.55 \$2.97	287 \$465.27 \$29.43 \$7.53 \$6.01 \$21.61 \$73.61 \$24.32 \$24.35 \$29.45 \$67.55 \$67.55	2,099	

Northern Utilities, Inc. New Hampshire Division SECOND REVISED Attachment NUI-SED-3

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NORTHERN UTILITIES, INC. - NEW HAMPSHIRE DIVISION Typical G-41 Commercial & Industrial Bill - 22,095 therms/year

vpical G-41 commercial & muustrial bin - 22,0	55 therms/y
Comparison of Winter 2022-2023 vs. Winter	2021-2022

1 2 3	Typical Usage: therms (*) Winter 2022 - 2023)	Nov 1,710	Dec 3,040	Jan 3,954	Feb 3,758	Mar 3,606	Apr 2,229	Winter 18,298	May 1,283	June 526	July 391	August 382	Sept 389	October 825	Summer 3,797	Annual 22,095
4 Customer Charge	units @	\$ 225.00	\$225.00	\$225.00	\$225.00	\$225.00	\$225.00	\$225.00	\$1,350.00								
5 All 6	units @	\$0.2883 \$1.1428	\$492.93	\$876.44	\$1,139.97	\$1,083.53	\$1,039.72	\$642.62	\$5,275.22								
6 7	COG 1 COG 2	\$1.1428 \$1.1428	\$1,953.94	\$3,474.16					\$1,953.94 \$3,474.16								
8	COG 3	\$1.1428			\$4,518.78				\$4,518.78								
9	COG 4	\$1.1428				\$4,295.04			\$4,295.04								
10 11	COG 5 COG 6	\$1.1428 \$1.1428					\$4,121.38	\$2,547.31	\$4,121.38 \$2,547.31								
12	LDAC	\$0.0493	\$84.29	\$149.87	\$194.94	\$185.29	\$177.80	\$109.89	\$902.08								
13	Summer 2023																
14 Customer Charge	units @	\$ 225.00								\$ 225.00	\$225.00	\$225.00	\$225.00	\$ 225.00	\$225.00	\$1,350.00	
15 All 16 All eff. Aug 1, 2023	units @ 3 units @	\$0.2883 \$0.2881								\$370.02	\$151.70	\$112.67	\$110.06	\$112.18	\$237.76	\$634.40 \$460.00	
17	COG 1	\$0.7383								\$947.58			φ110.00	ψ112.10	φ201.10	\$947.58	
18	COG 2	\$0.7383									\$388.49					\$388.49	
19 20	COG 3 COG 4	\$0.7383 \$0.7383										\$288.55	\$282.04			\$288.55 \$282.04	
20	COG 5	\$0.7383 \$0.7383											\$202.U4	\$287.48		\$287.48	
22	COG 6	\$0.7383													\$609.31	\$609.31	
	riod Weighted Avg. COG	\$0.7383															
24	LDAC	\$ 0.0493	A0 750 40	\$4 705 40	* 0.070.00	#F 700 00	* 5 500 00	* 0 504 00	****	\$63.27	\$25.94	\$19.27	\$18.83	\$19.20 \$643.86	\$40.69	\$187.20	**** 070 OF
25		TOTAL	\$2,756.16	\$4,725.48	\$6,078.69	\$5,788.86	\$5,563.90	\$3,524.82	\$28,437.90	\$1,605.88	\$791.14	\$645.49	\$635.93	\$643.86	\$1,112.76	\$5,435.05	\$33,872.95
Base Rate Change	e Winter	\$ Change % Change	\$42.20 1.78%	\$73.19 1.81%	\$94.49 1.87%	\$89.93 1.80%	\$86.39 1.65%	\$54.30 1.64%	\$440.50 1.76%								
COG Change Win	ter	\$ Change	\$320.93	\$570.62	\$907.08	\$679.13	\$260.38	\$160.93	\$2.899.07								
ooo onango min		% Change	13.54%	14.12%	17.93%	13.57%	4.99%	4.86%	11.59%								
LDAC Change Wi	nter	\$ Change	\$22.74	\$40.43	\$17.79	\$16.91	-\$3.97	-\$2.45	\$91.46								
		% Change	0.959%	1.000%	0.352%	0.338%	-0.076%	-0.074%	0.37%								
26			Nov	Dec	Jan	Feb	Mar	Apr	Winter	Мау	June	July	August	Sept	October	Summer	
27	Typical Usage: therms		Nov 1,710	Dec 3,040	Jan 3,954	Feb 3,758	Mar 3,606	Apr 2,229	Winter 18,298	May 1,283	June 526	July 391	August 382	Sept 389	October 825	Summer 3,797	Annual 22,095
27 28	Winter 2021 - 2022	\$ 222.64					3,606	2,229	18,298								
27 28 29 Customer Charge 30 All	Winter 2021 - 2022 units @ units @	\$ 222.64 \$0.2650	1,710 \$222.64 \$453.09	3,040	3,954	3,758			18,298 \$1,335.84 \$4,848.89								
27 28 29 Customer Charge 30 All 31	Winter 2021 - 2022 units @ units @ COG 1	\$0.2650 \$0.9551	1,710 \$222.64	3,040 \$222.64 \$805.61	3,954 \$222.64	3,758 \$222.64	3,606 \$222.64	2,229 \$222.64	18,298 \$1,335.84 \$4,848.89 \$1,633.01								
27 28 29 Customer Charge 30 All 31 32	Winter 2021 - 2022 units @ units @ COG 1 COG 2	\$0.2650 \$0.9551 \$0.9551	1,710 \$222.64 \$453.09	3,040 \$222.64	3,954 \$222.64 \$1,047.84	3,758 \$222.64	3,606 \$222.64	2,229 \$222.64	18,298 \$1,335.84 \$4,848.89 \$1,633.01 \$2,903.54								
27 28 29 Customer Charge 30 All 31	Winter 2021 - 2022 units @ units @ COG 1	\$0.2650 \$0.9551	1,710 \$222.64 \$453.09	3,040 \$222.64 \$805.61	3,954 \$222.64	3,758 \$222.64	3,606 \$222.64	2,229 \$222.64	18,298 \$1,335.84 \$4,848.89 \$1,633.01								
27 28 29 Customer Charge 30 All 31 32 33 34 35	Winter 2021 - 2022 units @ units @ COG 1 COG 2 COG 3 COG 4 COG 5	\$0.2650 \$0.9551 \$0.9551 \$0.9134 \$0.9621 \$1.0706	1,710 \$222.64 \$453.09	3,040 \$222.64 \$805.61	3,954 \$222.64 \$1,047.84	3,758 \$222.64 \$995.96	3,606 \$222.64	2,229 \$222.64 \$590.69	18,298 \$1,335.84 \$4,848.89 \$1,633.01 \$2,903.54 \$3,611.70 \$3,615.91 \$3,861.00								
27 28 29 Customer Charge 30 All 31 32 33 34 35 36	Winter 2021 - 2022 units @ units @ COG 1 COG 2 COG 3 COG 4 COG 5 COG 6	\$0.2650 \$0.9551 \$0.9551 \$0.9134 \$0.9621 \$1.0706 \$1.0706	1,710 \$222.64 \$453.09	3,040 \$222.64 \$805.61	3,954 \$222.64 \$1,047.84	3,758 \$222.64 \$995.96	3,606 \$222.64 \$955.69	2,229 \$222.64	18,298 \$1,335.84 \$4,848.89 \$1,633.01 \$2,903.54 \$3,611.70 \$3,615.91								
27 28 29 Customer Charge 30 Ali 31 32 33 34 35 36 37 Winter Per	Winter 2021 - 2022 units @ COG 1 COG 2 COG 3 COG 4 COG 5 COG 6 iod Weighted Avg. COG	\$0.2650 \$0.9551 \$0.9551 \$0.9134 \$0.9621 \$1.0706 \$1.0706 \$0.9844	1,710 \$222.64 \$453.09	3,040 \$222.64 \$805.61 \$2,903.54	3,954 \$222.64 \$1,047.84	3,758 \$222.64 \$995.96	3,606 \$222.64 \$955.69	2,229 \$222.64 \$590.69	18,298 \$1,335.84 \$4,848.89 \$1,633.01 \$2,903.54 \$3,611.70 \$3,615.91 \$3,861.00 \$2,386.37								
27 28 29 Customer Charge 30 All 31 32 33 34 35 36 37 Winter Per 38 39	Winter 2021 - 2022 units @ units @ COG 1 COG 2 COG 3 COG 4 COG 5 COG 6 LDAC LDAC 2, January 1	\$0.2650 \$0.9551 \$0.9551 \$0.9651 \$1.0706 \$1.0706 \$0.9844 \$0.0360 \$0.0360 \$0.0448	1,710 \$222.64 \$453.09 \$1,633.01	3,040 \$222.64 \$805.61	3,954 \$222.64 \$1,047.84	3,758 \$222.64 \$995.96	3,606 \$222.64 \$955.69 \$3,861.00	2,229 \$222.64 \$590.69 \$2,386.37	18,298 \$1,335.84 \$4,848.89 \$1,633.01 \$2,903.54 \$3,611.70 \$3,615.91 \$3,861.00 \$2,386.37 \$170.99 \$345.52								
27 28 29 Customer Charge 30 All 31 32 33 34 35 36 37 Winter Per 38 39 40	Winter 2021 - 2022 units @ COG 1 COG 2 COG 3 COG 4 COG 5 COG 6 iod Weighted Avg. COG LDAC LDAC 2, January 1 LDAC 3, March 1	\$0.2650 \$0.9551 \$0.9551 \$0.9651 \$1.0706 \$1.0706 \$0.9844 \$0.0360	1,710 \$222.64 \$453.09 \$1,633.01	3,040 \$222.64 \$805.61 \$2,903.54	3,954 \$222.64 \$1,047.84 \$3,611.70	3,758 \$222.64 \$995.96 \$3,615.91	3,606 \$222.64 \$955.69	2,229 \$222.64 \$590.69	18,298 \$1,335.84 \$4,848.89 \$1,633.01 \$2,903.54 \$3,611.70 \$3,615.91 \$3,861.00 \$2,386.37 \$170.99								
27 28 29 Customer Charge 30 All 31 32 33 34 35 36 37 Winter Per 38 39 40 41	Winter 2021 - 2022 units @ COG 1 COG 2 COG 3 COG 4 COG 5 COG 6 LDAC 2, January 1 LDAC 2, January 1 LDAC 2, January 1 Summer 2022	\$0.2650 \$0.9551 \$0.9551 \$0.9134 \$1.0706 \$1.0706 \$0.9844 \$0.0360 \$0.0448 \$0.0504	1,710 \$222.64 \$453.09 \$1,633.01	3,040 \$222.64 \$805.61 \$2,903.54	3,954 \$222.64 \$1,047.84 \$3,611.70	3,758 \$222.64 \$995.96 \$3,615.91	3,606 \$222.64 \$955.69 \$3,861.00	2,229 \$222.64 \$590.69 \$2,386.37	18,298 \$1,335.84 \$4,848.89 \$1,633.01 \$2,903.54 \$3,611.70 \$3,615.91 \$3,861.00 \$2,386.37 \$170.99 \$345.52	1,283	526	391	382	389	825	3,797	
27 28 29 Customer Charge 30 All 31 32 33 34 35 36 37 Winter Per 38 39 40 41 42 Customer Charge	Winter 2021 - 2022 units @ Units @ COG 1 COG 2 COG 3 COG 4 COG 6 iod Weighted Avg. COG LDAC 2, January 1 LDAC 3, March 1 Summer 2022 " units @	\$0.2650 \$0.9551 \$0.9134 \$0.9621 \$1.0706 \$0.9844 \$0.0360 \$0.0448 \$0.0504 \$222.64	1,710 \$222.64 \$453.09 \$1,633.01	3,040 \$222.64 \$805.61 \$2,903.54	3,954 \$222.64 \$1,047.84 \$3,611.70	3,758 \$222.64 \$995.96 \$3,615.91	3,606 \$222.64 \$955.69 \$3,861.00	2,229 \$222.64 \$590.69 \$2,386.37	18,298 \$1,335.84 \$4,848.89 \$1,633.01 \$2,903.54 \$3,611.70 \$3,615.91 \$3,861.00 \$2,386.37 \$170.99 \$345.52	1,283 \$222.64	526 \$222.64	391 \$222.64			825	3,797 \$1,342.92	
27 28 29 Customer Charge 30 All 31 32 33 34 35 36 37 Winter Per 38 39 40 41	Winter 2021 - 2022 units @ COG 1 COG 2 COG 3 COG 4 COG 5 COG 6 LDAC 2, January 1 LDAC 2, January 1 LDAC 2, January 1 Summer 2022	\$0.2650 \$0.9551 \$0.9551 \$0.9134 \$1.0706 \$1.0706 \$0.9844 \$0.0360 \$0.0448 \$0.0504	1,710 \$222.64 \$453.09 \$1,633.01	3,040 \$222.64 \$805.61 \$2,903.54	3,954 \$222.64 \$1,047.84 \$3,611.70	3,758 \$222.64 \$995.96 \$3,615.91	3,606 \$222.64 \$955.69 \$3,861.00	2,229 \$222.64 \$590.69 \$2,386.37	18,298 \$1,335.84 \$4,848.89 \$1,633.01 \$2,903.54 \$3,611.70 \$3,615.91 \$3,861.00 \$2,386.37 \$170.99 \$345.52	1,283	526	391	382	389	825	3,797	
27 28 29 Customer Charge 30 All 31 32 33 34 35 36 37 Winter Per 38 39 40 41 42 Customer Charget 43 All 44 Eff, Aug. 1, 2022 45 Eff, Sept. 1, 2022	Winter 2021 - 2022 units @ units @ COG 1 COG 2 COG 3 COG 4 COG 5 COG 6 IDAC 2, January 1 LDAC 3, March 1 Summer 2022 ** units @ All @	\$0.2650 \$0.9551 \$0.9134 \$0.9621 \$1.0706 \$0.9844 \$0.0360 \$0.0448 \$0.0504 \$222.64 \$0.2120 \$0.2744 \$0.2883	1,710 \$222.64 \$453.09 \$1,633.01	3,040 \$222.64 \$805.61 \$2,903.54	3,954 \$222.64 \$1,047.84 \$3,611.70	3,758 \$222.64 \$995.96 \$3,615.91	3,606 \$222.64 \$955.69 \$3,861.00	2,229 \$222.64 \$590.69 \$2,386.37	18,298 \$1,335.84 \$4,848.89 \$1,633.01 \$2,903.54 \$3,611.70 \$3,615.91 \$3,861.00 \$2,386.37 \$170.99 \$345.52	1,283 \$222.64 \$272.09	526 \$222.64	391 \$222.64	382 \$225.00	389	825	3,797 \$1,342.92 \$466.50 \$104.82 \$350.19	
27 28 29 Customer Charge 30 All 31 32 33 34 35 36 37 Winter Per 38 39 40 41 42 Customer Charge' 43 All 44 Eff, Aug. 1, 2022 46	Winter 2021 - 2022 units @ Units @ COG 1 COG 2 COG 3 COG 4 COG 5 COG 6 LDAC LDAC 2, January 1 LDAC 3, March 1 Summer 2022 units @ units @ All @ All @ COG 1	\$0.2650 \$0.9551 \$0.951 \$0.9134 \$0.9621 \$1.0706 \$1.0706 \$0.0844 \$0.0360 \$0.0448 \$0.0504 \$222.64 \$0.2120 \$0.2744 \$0.2883 \$0.8630	1,710 \$222.64 \$453.09 \$1,633.01	3,040 \$222.64 \$805.61 \$2,903.54	3,954 \$222.64 \$1,047.84 \$3,611.70	3,758 \$222.64 \$995.96 \$3,615.91	3,606 \$222.64 \$955.69 \$3,861.00	2,229 \$222.64 \$590.69 \$2,386.37	18,298 \$1,335.84 \$4,848.89 \$1,633.01 \$2,903.54 \$3,611.70 \$3,615.91 \$3,861.00 \$2,386.37 \$170.99 \$345.52	1,283 \$222.64	526 \$222.64 \$111.55	391 \$222.64	382 \$225.00	389 \$225.00	825 \$225.00	3,797 \$1,342.92 \$466.50 \$104.82 \$350.19 \$850.94	
27 28 29 Customer Charge 30 All 31 32 33 34 35 36 37 Winter Per 38 39 40 41 42 Customer Charge' 43 All 44 Eff, Aug. 1, 2022 45 Eff, Sept. 1, 2022 46	Winter 2021 - 2022 units @ Units @ COG 1 COG 2 COG 3 COG 4 COG 5 COG 6 IODAC 2, January 1 LDAC 2, January 1 LDAC 3, March 1 Summer 2022 "units @ units @ All @ All @ COG 1 COG 2	\$0.2650 \$0.9551 \$0.9551 \$0.9134 \$0.9621 \$1.0706 \$1.0706 \$0.0448 \$0.0360 \$0.0448 \$0.0504 \$222.64 \$0.2120 \$0.2120 \$0.2144 \$0.2883 \$0.6630 \$0.9395	1,710 \$222.64 \$453.09 \$1,633.01	3,040 \$222.64 \$805.61 \$2,903.54	3,954 \$222.64 \$1,047.84 \$3,611.70	3,758 \$222.64 \$995.96 \$3,615.91	3,606 \$222.64 \$955.69 \$3,861.00	2,229 \$222.64 \$590.69 \$2,386.37	18,298 \$1,335.84 \$4,848.89 \$1,633.01 \$2,903.54 \$3,611.70 \$3,615.91 \$3,861.00 \$2,386.37 \$170.99 \$345.52	1,283 \$222.64 \$272.09	526 \$222.64	391 \$222.64 \$82.85	382 \$225.00	389 \$225.00	825 \$225.00	3,797 \$1,342.92 \$466.50 \$104.82 \$350.19 \$850.94 \$454.37	
27 28 29 Customer Charge 30 All 31 32 33 34 35 36 37 Winter Per 38 39 40 41 42 Customer Charge' 43 All 44 Eff, Aug. 1, 2022 46	Winter 2021 - 2022 units @ Units @ COG 1 COG 2 COG 3 COG 4 COG 5 COG 6 LDAC LDAC 2, January 1 LDAC 3, March 1 Summer 2022 units @ units @ All @ All @ COG 1	\$0.2650 \$0.9551 \$0.951 \$0.9134 \$0.9621 \$1.0706 \$1.0706 \$0.0844 \$0.0360 \$0.0448 \$0.0504 \$222.64 \$0.2120 \$0.2744 \$0.2883 \$0.8630	1,710 \$222.64 \$453.09 \$1,633.01	3,040 \$222.64 \$805.61 \$2,903.54	3,954 \$222.64 \$1,047.84 \$3,611.70	3,758 \$222.64 \$995.96 \$3,615.91	3,606 \$222.64 \$955.69 \$3,861.00	2,229 \$222.64 \$590.69 \$2,386.37	18,298 \$1,335.84 \$4,848.89 \$1,633.01 \$2,903.54 \$3,611.70 \$3,615.91 \$3,861.00 \$2,386.37 \$170.99 \$345.52	1,283 \$222.64 \$272.09	526 \$222.64 \$111.55	391 \$222.64	382 \$225.00	389 \$225.00	825 \$225.00	3,797 \$1,342.92 \$466.50 \$104.82 \$350.19 \$850.94	
27 28 29 Customer Charge 30 All 31 32 33 34 35 36 37 Winter Per 38 39 40 41 42 Customer Charge' 43 All 44 Eff, Aug. 1, 2022 45 Eff, Sept. 1, 2022 46 47 48 49 50	Winter 2021 - 2022 units @ COG 1 COG 2 COG 3 COG 4 COG 5 COG 6 Iod Weighted Avg. COG LDAC LDAC 2, January 1 LDAC 3, March 1 Summer 2022 ** units @ All @ COG 1 COG 2 COG 3 COG 4 COG 5	\$0.2650 \$0.9551 \$0.951 \$0.9621 \$1.0706 \$1.0706 \$0.0448 \$0.0504 \$2.22.64 \$0.2120 \$0.2744 \$0.2833 \$0.6630 \$0.9395 \$0.9395 \$0.9395 \$0.9395 \$0.9395	1,710 \$222.64 \$453.09 \$1,633.01	3,040 \$222.64 \$805.61 \$2,903.54	3,954 \$222.64 \$1,047.84 \$3,611.70	3,758 \$222.64 \$995.96 \$3,615.91	3,606 \$222.64 \$955.69 \$3,861.00	2,229 \$222.64 \$590.69 \$2,386.37	18,298 \$1,335.84 \$4,848.89 \$1,633.01 \$2,903.54 \$3,611.70 \$3,615.91 \$3,861.00 \$2,386.37 \$170.99 \$345.52	1,283 \$222.64 \$272.09	526 \$222.64 \$111.55	391 \$222.64 \$82.85	382 \$225.00 \$104.82	389 \$225.00	825 \$225.00 \$237.93	3,797 \$1,342.92 \$466.50 \$104.82 \$350.19 \$850.94 \$494.37 \$367.18 \$358.90 \$446.74	
27 28 29 Customer Charge 30 All 31 32 33 34 35 36 37 Winter Per 38 39 40 41 42 Customer Charge 43 All 44 Eff, Aug. 1, 2022 45 Eff, Sept. 1, 2022 46 47 48 49 50 51	Winter 2021 - 2022 units @ COG 1 COG 2 COG 3 COG 4 COG 5 LDAC 2, January 1 LDAC 2, January 1 LDAC 2, January 1 March 1 Summer 2022 ** units @ All @ All @ COG 4 COG 5 COG 4 COG 5	\$0.2650 \$0.9551 \$0.9551 \$0.9621 \$1.0706 \$1.0706 \$0.0444 \$0.0360 \$0.0448 \$0.0504 \$222.64 \$0.2120 \$0.2744 \$0.2883 \$0.6630 \$0.9395 \$0.9395 \$0.9395 \$1.1473 \$1.1473	1,710 \$222.64 \$453.09 \$1,633.01	3,040 \$222.64 \$805.61 \$2,903.54	3,954 \$222.64 \$1,047.84 \$3,611.70	3,758 \$222.64 \$995.96 \$3,615.91	3,606 \$222.64 \$955.69 \$3,861.00	2,229 \$222.64 \$590.69 \$2,386.37	18,298 \$1,335.84 \$4,848.89 \$1,633.01 \$2,903.54 \$3,611.70 \$3,615.91 \$3,861.00 \$2,386.37 \$170.99 \$345.52	1,283 \$222.64 \$272.09	526 \$222.64 \$111.55	391 \$222.64 \$82.85	382 \$225.00 \$104.82	389 \$225.00 \$112.26	825 \$225.00	3,797 \$1,342.92 \$466.50 \$104.82 \$350.19 \$850.94 \$494.37 \$367.18 \$367.18	
27 28 29 Customer Charge 30 All 31 32 33 34 35 36 37 Winter Per 38 39 40 41 42 Customer Charge 43 All 44 Eff, Aug. 1, 2022 45 Eff, Sept. 1, 2022 46 47 48 49 50 51	Winter 2021 - 2022 units @ COG 1 COG 2 COG 3 COG 4 COG 5 COG 6 Iod Weighted Avg. COG LDAC LDAC 2, January 1 LDAC 3, March 1 Summer 2022 ** units @ All @ COG 1 COG 2 COG 3 COG 4 COG 5	\$0.2650 \$0.9551 \$0.951 \$0.9621 \$1.0706 \$1.0706 \$0.0448 \$0.0504 \$2.22.64 \$0.2120 \$0.2744 \$0.2833 \$0.6630 \$0.9395 \$0.9395 \$0.9395 \$0.9395 \$0.9395	1,710 \$222.64 \$453.09 \$1,633.01	3,040 \$222.64 \$805.61 \$2,903.54	3,954 \$222.64 \$1,047.84 \$3,611.70	3,758 \$222.64 \$995.96 \$3,615.91	3,606 \$222.64 \$955.69 \$3,861.00	2,229 \$222.64 \$590.69 \$2,386.37	18,298 \$1,335.84 \$4,848.89 \$1,633.01 \$2,903.54 \$3,611.70 \$3,615.91 \$3,861.00 \$2,386.37 \$170.99 \$345.52	1,283 \$222.64 \$272.09	526 \$222.64 \$111.55	391 \$222.64 \$82.85	382 \$225.00 \$104.82	389 \$225.00 \$112.26	825 \$225.00 \$237.93	3,797 \$1,342.92 \$466.50 \$104.82 \$350.19 \$850.94 \$494.37 \$367.18 \$358.90 \$446.74	
27 28 29 Customer Charge 30 All 31 32 33 34 35 36 37 Winter Per 38 39 40 41 42 Customer Charge 43 All 44 Eff, Aug. 1, 2022 45 Eff, Sept. 1, 2022 46 51 52 Summer Per 53	Winter 2021 - 2022 units @ units @ COG 1 COG 2 COG 3 COG 6 iod Weighted Avg. COG LDAC 2, January 1 LDAC 3, March 1 Summer 2022 ** units @ All @ COG 4 COG 5 COG 6 id Weighted Avg. COG	\$0.2650 \$0.9551 \$0.9551 \$0.9134 \$1.0706 \$0.9844 \$0.0840 \$0.0448 \$0.0504 \$222.64 \$0.2120 \$0.2744 \$0.283 \$0.6630 \$0.9395 \$0.9305	1,710 \$222.64 \$453.09 \$1,633.01 \$61.55	3,040 \$222.64 \$805.61 \$2,903.54 \$109.44	3,954 \$222.64 \$1,047.84 \$3,611.70 \$177.14	3,758 \$222.64 \$995.96 \$3,615.91 \$168.37	3,606 \$222.64 \$955.69 \$3,861.00 \$181.76	2,229 \$222.64 \$590.69 \$2,386.37 \$112.34	18,298 \$1,335.84 \$4,848.89 \$1,633.01 \$2,903.54 \$3,615.91 \$3,615.91 \$3,861.00 \$2,386.37 \$170.99 \$345.52 \$294.10	1,283 \$222.64 \$272.09 \$850.94 \$64.69	526 \$222.64 \$111.55 \$494.37 \$26.52	391 \$222.64 \$82.85 \$367.18 \$19.70	382 \$225.00 \$104.82 \$358.90 \$19.25	389 \$225.00 \$112.26 \$446.74 \$19.62	\$225.00 \$237.93 \$946.85 \$41.59	3,797 \$1,342.92 \$466.50 \$104.82 \$350.19 \$850.94 \$454.37 \$367.18 \$358.90 \$446.74 \$946.85 \$191.38	
27 28 29 Customer Charge 30 All 31 32 33 34 35 36 37 Winter Per 38 39 40 41 42 Customer Charge' 43 All 44 Eff, Aug. 1, 2022 45 Eff, Sept. 1, 2022 46 47 48 49 50 51 52 Summer Per	Winter 2021 - 2022 units @ units @ COG 1 COG 2 COG 3 COG 6 iod Weighted Avg. COG LDAC 2, January 1 LDAC 3, March 1 Summer 2022 ** units @ All @ COG 4 COG 5 COG 6 id Weighted Avg. COG	\$0.2650 \$0.9551 \$0.9551 \$0.9134 \$0.9621 \$0.9844 \$0.0360 \$0.0360 \$0.0448 \$0.0504 \$222.64 \$0.2120 \$0.2744 \$0.2883 \$0.6630 \$0.9395 \$0.9395 \$0.9395 \$1.1473 \$0.9125 \$0.0504 TOTAL	1,710 \$222.64 \$453.09 \$1,633.01	3,040 \$222.64 \$805.61 \$2,903.54	3,954 \$222.64 \$1,047.84 \$3,611.70	3,758 \$222.64 \$995.96 \$3,615.91	3,606 \$222.64 \$955.69 \$3,861.00	2,229 \$222.64 \$590.69 \$2,386.37	18,298 \$1,335.84 \$4,848.89 \$1,633.01 \$2,903.54 \$3,615.91 \$3,615.91 \$3,861.00 \$2,386.37 \$170.99 \$345.52 \$294.10	1,283 \$222.64 \$272.09 \$850.94	526 \$222.64 \$111.55 \$494.37	391 \$222.64 \$82.85 \$367.18 \$19.70 \$692.37	382 \$225.00 \$104.82 \$358.90 <u>\$19.25</u> \$707.97	389 \$225.00 \$112.26 \$446.74	\$225.00 \$237.93 \$946.85 \$41.59	3,797 \$1,342.92 \$466.50 \$104.82 \$350.19 \$850.94 \$454.37 \$367.18 \$358.90 \$446.74 \$946.85 \$191.38	22,095
27 28 29 Customer Charge 30 All 31 32 33 34 35 36 37 Winter Per 38 39 40 41 42 Customer Charge ⁴ 43 All 44 Eff, Aug. 1, 2022 45 Eff, Sept. 1, 2022 46 47 48 49 50 51 52 Summer Per 53 54	Winter 2021 - 2022 units @ units @ COG 1 COG 2 COG 3 COG 6 iod Weighted Avg. COG LDAC 2, January 1 LDAC 3, March 1 Summer 2022 ** units @ All @ COG 4 COG 5 COG 6 id Weighted Avg. COG	\$0.2650 \$0.9551 \$0.9551 \$0.9134 \$1.0706 \$0.9844 \$0.0840 \$0.0448 \$0.0504 \$222.64 \$0.2120 \$0.2744 \$0.283 \$0.6630 \$0.9395 \$0.9305	1,710 \$222.64 \$453.09 \$1,633.01 \$61.55 \$61.55	3,040 \$222.64 \$805.61 \$2,903.54 \$109.44 \$4,041.24	3,954 \$222.64 \$1,047.84 \$3,611.70 \$1777.14 \$5,059.33	3,758 \$222.64 \$395.96 \$3,615.91 \$168.37 \$168.37 \$5,002.88	3,606 \$222.64 \$955.69 \$3,861.00 \$181.76 \$5,221.10	2,229 \$222.64 \$590.69 \$2,386.37 \$112.34 \$3,312.04	18,298 \$1,335.84 \$4,848.89 \$1,633.01 \$2,903.54 \$3,611.70 \$3,861.00 \$2,386.10 \$3,861.00 \$2,386.37 \$170.99 \$345.52 \$294.10 \$345.52 \$294.10	1,283 \$222.64 \$272.09 \$850.94 \$64.69 \$1,410.36	526 \$222.64 \$111.55 \$494.37 \$26.52 \$855.08	391 \$222.64 \$82.85 \$367.18 \$19.70	382 \$225.00 \$104.82 \$358.90 \$19.25	389 \$225.00 \$112.26 \$446.74 \$19.62 \$803.62	\$225.00 \$237.93 \$946.85 \$41.59 \$1,451.37	3,797 \$1,342.92 \$466.50 \$104.82 \$350.19 \$850.94 \$494.37 \$367.18 \$358.90 \$446.74 \$946.85 \$191.38 \$5,920.78	22,095

NORTHERN UTILITIES, INC. -- NEW HAMPSHIRE DIVISION

Northern Utilities, Inc.

	Now Hompshire Division
Impact of Rate Changes on Residential Heating Bills by Usage Level	SECOND REVISED Attachment NUI-SED-3
Forecast Winter 2022-2023 vs. Actual Winter 2021-2022	Page 2 of 10

CGA	\$0.9691	\$1.1289	
LDAC**	\$0.0702	\$0.1850	
First 50 Therms Over 50 therms	\$0.7603 \$0.7603	\$0.9266 \$0.9266	
Customer Charge	Winter 2021- 2022 \$22.20	Winter 2022 2023 \$22.20	
<u>Residential Heating</u>	Winter 2021- 2022	Winter 2022 2023	

(Usage (Therms)	Winter 2021-2022 Bill Amount	Winter 2022-2023 Bill Amount	Total	Bill	Base I	Rate	CG	A	LDA	C
	5	\$31.20	\$33.40	\$2.20	7.1%	\$0.83	2.7%	\$0.80	2.6%	\$0.57	1.8%
	10	\$40.20	\$44.61	\$4.41	11.0%	\$1.66	4.1%	\$1.60	4.0%	\$1.15	2.9%
	20	\$58.19	\$67.01	\$8.82	15.2%	\$3.33	5.7%	\$3.20	5.5%	\$2.30	4.0%
	25	\$67.19	\$78.21	\$11.02	16.4%	\$4.16	6.2%	\$4.00	6.0%	\$2.87	4.3%
	30	\$76.19	\$89.42	\$13.23	17.4%	\$4.99	6.5%	\$4.79	6.3%	\$3.44	4.5%
	45	\$103.18	\$123.02	\$19.84	19.2%	\$7.48	7.2%	\$7.19	7.0%	\$5.16	5.0%
	50	\$112.18	\$134.23	\$22.04	19.7%	\$8.32	7.4%	\$7.99	7.1%	\$5.74	5.1%
	75	\$157.17	\$190.24	\$33.07	21.0%	\$12.48	7.9%	\$11.99	7.6%	\$8.61	5.5%
Monthly*	125	\$247.15	\$302.26	\$55.11	22.3%	\$20.79	8.4%	\$19.98	8.1%	\$14.35	5.8%
	150	\$292.14	\$358.28	\$66.13	22.6%	\$24.95	8.5%	\$23.97	8.2%	\$17.21	5.9%
	200	\$382.13	\$470.30	\$88.17	23.1%	\$33.27	8.7%	\$31.96	8.4%	\$22.95	6.0%

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

Northern Utilities, Inc. New Hampshire Division

SECOND REVISED Attachment NUI-SED-3

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NORTHERN UTILITIES, INC. - NEW HAMPSHIRE DIVISION

Typical G-51 Commercial & Industrial Bill - 19,136 therms/year Comparison of Winter 2022-2023 vs. Winter 2021-2022

				Compai	rison of w	111101 2022	2020 13.	winter 20	21-2022							
1		Nov	Dec	Jan	Feb	Mar	Apr	Winter	Мау	June	July	August	Sept	October	Summer	Annual
2 Typical Usage: therms	(*)	1,484	1,967	2,180	2,139	2,117	1,720	11,606	1,465	1,237	1,134	1,220	1,164	1,310	7,530	19,136
3 Winter 2022 - 2023																
4 Customer Charge units @	\$ 225.00	\$225.00	\$225.00	\$225.00	\$225.00	\$225.00	\$225.00	\$1.350.00								
5 All units @	\$0.1770	\$262.68	\$348.09	\$385.80	\$378.55	\$374.68	\$304.43	\$2,054.24								
6 COG 1	\$1.0536	\$1,563.64						\$1,563.64								
7 COG 2	\$1.0536		\$2,072.05					\$2,072.05								
8 COG 3	\$1.0536		+=,•·=·••	\$2.296.50				\$2,296.50								
9 COG 4	\$1.0536			<i>42,200.00</i>	\$2,253.32			\$2,253.32								
10 COG 5	\$1.0536				φ2,200.02	\$2,230.31		\$2,230.31								
11 COG 6	\$1.0536					φ2,200.01	\$1,812.11	\$1,812.11								
12 LDAC	\$0.0493	\$73.17	\$96.96	\$107.46	\$105.44	\$104.36	\$84.79	\$572.17								
	\$0.0493	\$73.17	\$90.90	\$107.40	\$105.44	\$104.30	404. <i>1</i> 9	φ372.17								
13 Summer 2023																
14 Customer Charge units @	\$ 225.00								\$ 225.00	\$225.00	\$225.00	\$225.00	\$ 225.00	\$225.00	\$1,350.00	
15 All units @	\$0.1770								\$259.32	\$218.92	\$200.72				\$678.96	
16 All eff. Aug 1, 2023 units @	\$0.1763											\$215.09	\$205.27	\$230.98	\$651.34	
17 COG 1	\$0.6331								\$927.56						\$927.56	
18 COG 2	\$0.6331									\$783.04					\$783.04	
19 COG 3	\$0.6331										\$717.93				\$717.93	
20 COG 4	\$0.6331											\$772.40			\$772.40	
21 COG 5	\$0.6331												\$737.13		\$737.13	
22 COG 6	\$0.6331													\$829.47	\$829.47	
23 Summer Period Weighted Avg. COG	\$0.6331															
24 LDAC	\$ 0.0493								\$72.23	\$60.98	\$55.91	\$60.15	\$57.40	\$64.59	\$371.25	
25	TOTAL	\$2,124.49	\$2,742.10	\$3,014.76	\$2,962.31	\$2,934.35	\$2,426.33	\$16,204.34	\$1,484.12	\$1,287.93	\$1,199.55	\$1,272.64	\$1,224.80	\$1,350.04	\$7,819.08	\$24 023 41
25	IUIAL	ΨZ,1Z4.43	ψ2,742.10	\$3,014.70	ψz,30z.51	ψ2,904.00	ψ2,420.00	\$10,204. 5 4	ψ1,404.12	ψ1,207.35	ψ1,133.55	ψ1,272.04	ψ1,22 4 .00	\$1,550.04	ψ1,013.00	φ24,020.4 I
Base Rate Change Winter	\$ Change	-\$16.66	-\$9.62	-\$6.51	-\$7.11	-\$7.42	-\$13.22	-\$60.53								
	% Change	-0.92%	-0.42%	-0.26%	-0.28%	-0.27%	-0.58%	-0.43%								
COG Change Winter	\$ Change	\$309.14	\$409.65	\$544.92	\$430.52	\$196.44	\$159.61	\$2,050.27								
ooo onange winter	% Change	17.06%	17.69%	22.09%	17.02%	7.15%	6.99%	14.49%								
LDAC Change Winter	\$ Change	\$19.74	\$26.16	\$9.81	\$9.62	-\$2.33	-\$1.89	\$61.11								
	% Change	1.09%	1.13%	0.40%	0.38%	-0.08%	-0.08%	0.43%								
															(
26		Nov	Dec	Jan	Feb	Mar	Apr	Winter	Мау	June	July	August	Sept	October	Summer	Annual
26 27 Typical Usage: therms		Nov 1,484	Dec 1,967	Jan 2,180	Feb 2,139	Mar 2,117	Apr 1,720	Winter 11,606	May 1,465	June 1,237	July 1,134	August 1,220	Sept 1,164	October 1,310	Summer 7,530	Annual 19,136
27 Typical Usage: therms 28 Winter 2021 - 2022		1,484	1,967	2,180	2,139	2,117	1,720	11,606								
27 Typical Usage: therms 28 Winter 2021 - 2022 29 Customer Charge units @	\$ 222.64	1,484 \$222.64	1,967 \$222.64	2,180 \$222.64	2,139 \$222.64	2,117 \$222.64	1,720 \$222.64	11,606 \$1,335.84								
27 Typical Usage: therms 28 Winter 2021 - 2022 29 Customer Charge units @ 30 First 1,300 units @	\$222.64 \$0.1937	1,484 \$222.64 \$251.81	1,967 \$222.64 \$251.81	2,180 \$222.64 \$251.81	2,139 \$222.64 \$251.81	2,117 \$222.64 \$251.81	1,720 \$222.64 \$251.81	11,606 \$1,335.84 \$1,510.86								
27 Typical Usage: therms 28 Winter 2021 - 2022 29 Customer Charge units @ 30 First 1,300 units @ 31 Over 1,300 units @	\$222.64 \$0.1937 \$0.1624	1,484 \$222.64 \$251.81 \$29.90	1,967 \$222.64	2,180 \$222.64	2,139 \$222.64	2,117 \$222.64	1,720 \$222.64	11,606 \$1,335.84 \$1,510.86 \$618.07								
27 Typical Usage: therms 28 Winter 2021 - 2022 29 Customer Charge units @ 30 First 1,300 units @ 31 Over 1,300 units @ 32 COG 1 COG 1	\$ 222.64 \$0.1937 \$0.1624 \$0.8453	1,484 \$222.64 \$251.81	1,967 \$222.64 \$251.81 \$108.26	2,180 \$222.64 \$251.81	2,139 \$222.64 \$251.81	2,117 \$222.64 \$251.81	1,720 \$222.64 \$251.81	11,606 \$1,335.84 \$1,510.86 \$618.07 \$1,254.50								
27 Typical Usage: therms 28 Winter 2021 - 2022 29 Customer Charge units @ 30 First 1,300 units @ 31 Over 1,300 units @ 32 COG 1 33 COG 2	\$ 222.64 \$0.1937 \$0.1624 \$0.8453 \$0.8453	1,484 \$222.64 \$251.81 \$29.90	1,967 \$222.64 \$251.81	2,180 \$222.64 \$251.81 \$142.86	2,139 \$222.64 \$251.81	2,117 \$222.64 \$251.81	1,720 \$222.64 \$251.81	11,606 \$1,335.84 \$1,510.86 \$618.07 \$1,254.50 \$1,662.40								
27 Typical Usage: therms 28 Winter 2021 - 2022 29 Customer Charge units @ 30 First 1,300 units @ 31 Over 1,300 units @ 32 COG 1 33 COG 2 34 COG 3	\$ 222.64 \$0.1937 \$0.1624 \$0.8453 \$0.8453 \$0.8036	1,484 \$222.64 \$251.81 \$29.90	1,967 \$222.64 \$251.81 \$108.26	2,180 \$222.64 \$251.81	2,139 \$222.64 \$251.81 \$136.20	2,117 \$222.64 \$251.81	1,720 \$222.64 \$251.81	11,606 \$1,335.84 \$1,510.86 \$618.07 \$1,254.50 \$1,662.40 \$1,751.58								
27 Typical Usage: therms 28 Winter 2021 - 2022 29 Customer Charge units @ 30 First 1,300 units @ 31 Over 1,300 units @ 32 COG 1 33 COG 2 34 COG 3 35 COG 4	\$ 222.64 \$0.1937 \$0.1624 \$0.8453 \$0.8453 \$0.8036 \$0.8523	1,484 \$222.64 \$251.81 \$29.90	1,967 \$222.64 \$251.81 \$108.26	2,180 \$222.64 \$251.81 \$142.86	2,139 \$222.64 \$251.81	2,117 \$222.64 \$251.81 \$132.66	1,720 \$222.64 \$251.81	11,606 \$1,335.84 \$1,510.86 \$618.07 \$1,254.50 \$1,662.40 \$1,751.58 \$1,822.80								
27 Typical Usage: therms 28 Winter 2021 - 2022 29 Customer Charge units @ 30 First 1,300 units @ 31 Over 1,300 units @ 32 COG 1 33 COG 2 34 COG 3 35 COG 4 36 COG 5	\$ 222.64 \$0.1937 \$0.1624 \$0.8453 \$0.8453 \$0.8036 \$0.8523 \$0.9608	1,484 \$222.64 \$251.81 \$29.90	1,967 \$222.64 \$251.81 \$108.26	2,180 \$222.64 \$251.81 \$142.86	2,139 \$222.64 \$251.81 \$136.20	2,117 \$222.64 \$251.81	1,720 \$222.64 \$251.81 \$68.20	11,606 \$1,335.84 \$1,510.86 \$618.07 \$1,254.50 \$1,662.40 \$1,751.58 \$1,822.80 \$2,033.87								
27 Typical Usage: therms 28 Winter 2021 - 2022 29 Customer Charge units @ 30 First 1,300 units @ 31 Over 1,300 units @ 32 COG 1 33 COG 2 34 COG 3 35 COG 4 36 COG 5 37 COG 6	\$ 222.64 \$0.1937 \$0.1624 \$0.8453 \$0.8453 \$0.8036 \$0.8523 \$0.9608 \$0.9608	1,484 \$222.64 \$251.81 \$29.90	1,967 \$222.64 \$251.81 \$108.26	2,180 \$222.64 \$251.81 \$142.86	2,139 \$222.64 \$251.81 \$136.20	2,117 \$222.64 \$251.81 \$132.66	1,720 \$222.64 \$251.81	11,606 \$1,335.84 \$1,510.86 \$618.07 \$1,254.50 \$1,662.40 \$1,751.58 \$1,822.80								
27 Typical Usage: therms 28 Winter 2021 - 2022 29 Customer Charge units @ 30 First 1,300 units @ 31 Over 1,300 units @ 32 COG 1 33 COG 2 34 COG 3 35 COG 4 36 COG 6 37 COG 6 38 Winter Period Weighted Avg. COG	\$ 222.64 \$0.1937 \$0.1624 \$0.8453 \$0.8453 \$0.8036 \$0.8523 \$0.9608 \$0.9608 \$0.9608	1,484 \$222.64 \$251.81 \$29.90 \$1,254.50	1,967 \$222.64 \$251.81 \$108.26 \$1,662.40	2,180 \$222.64 \$251.81 \$142.86	2,139 \$222.64 \$251.81 \$136.20	2,117 \$222.64 \$251.81 \$132.66	1,720 \$222.64 \$251.81 \$68.20	11,606 \$1,335.84 \$1,510.86 \$618.07 \$1,254.50 \$1,662.40 \$1,751.58 \$1,822.80 \$2,033.87 \$1,652.50								
27 Typical Usage: therms 28 Winter 2021 - 2022 29 Customer Charge units @ 30 First 1,300 units @ 31 Over 1,300 units @ 32 COG 1 33 COG 2 34 COG 3 35 COG 4 36 COG 6 37 COG 6 38 Winter Period Weighted Avg. COG 39 LDAC	\$ 222.64 \$0.1937 \$0.624 \$0.8453 \$0.8453 \$0.8036 \$0.8523 \$0.9608 \$0.9608 \$0.9608 \$0.9608 \$0.9608 \$0.9609 \$0.0360	1,484 \$222.64 \$251.81 \$29.90	1,967 \$222.64 \$251.81 \$108.26	2,180 \$222.64 \$251.81 \$142.86 \$1,751.58	2,139 \$222.64 \$251.81 \$136.20 \$1,822.80	2,117 \$222.64 \$251.81 \$132.66	1,720 \$222.64 \$251.81 \$68.20	11,606 \$1,335.84 \$1,510.86 \$618.07 \$1,254.50 \$1,662.40 \$1,751.58 \$1,822.80 \$2,033.87 \$1,652.50 \$124.23								
27 Typical Usage: therms 28 Winter 2021 - 2022 29 Customer Charge units @ 30 First 1,300 units @ 31 Over 1,300 units @ 32 COG 1 33 COG 2 34 COG 3 35 COG 4 36 COG 6 37 COG 6 38 Winter Period Weighted Avg. COG 39 LDAC 40 LDAC 2, January 1	\$ 222.64 \$0.1937 \$0.1624 \$0.8453 \$0.8453 \$0.8056 \$0.8523 \$0.9608 \$0.9608 \$0.9608 \$0.9608 \$0.0360 \$0.0360	1,484 \$222.64 \$251.81 \$29.90 \$1,254.50	1,967 \$222.64 \$251.81 \$108.26 \$1,662.40	2,180 \$222.64 \$251.81 \$142.86	2,139 \$222.64 \$251.81 \$136.20	2,117 \$222.64 \$251.81 \$132.66 \$2,033.87	1,720 \$222.64 \$251.81 \$68.20 \$1,652.50	11,606 \$1,335.84 \$1,510.86 \$618.07 \$1,254.50 \$1,662.40 \$1,751.58 \$1,822.80 \$2,033.87 \$1,652.50 \$124.23 \$193.46								
27 Typical Usage: therms 28 Winter 2021 - 2022 29 Customer Charge units @ 30 First 1,300 units @ 31 Over 1,300 units @ 32 COG 1 33 COG 2 34 COG 3 35 COG 4 36 COG 6 38 Winter Period Weighted Avg. COG 39 LDAC 40 LDAC 3, March 1	\$ 222.64 \$0.1937 \$0.624 \$0.8453 \$0.8453 \$0.8036 \$0.8523 \$0.9608 \$0.9608 \$0.9608 \$0.9608 \$0.9608 \$0.9609 \$0.0360	1,484 \$222.64 \$251.81 \$29.90 \$1,254.50	1,967 \$222.64 \$251.81 \$108.26 \$1,662.40	2,180 \$222.64 \$251.81 \$142.86 \$1,751.58	2,139 \$222.64 \$251.81 \$136.20 \$1,822.80	2,117 \$222.64 \$251.81 \$132.66	1,720 \$222.64 \$251.81 \$68.20	11,606 \$1,335.84 \$1,510.86 \$618.07 \$1,254.50 \$1,662.40 \$1,751.58 \$1,822.80 \$2,033.87 \$1,652.50 \$124.23								
27 Typical Usage: therms 28 Winter 2021 - 2022 29 Customer Charge units @ 30 First 1,300 units @ 31 Over 1,300 units @ 32 COG 1 33 COG 2 34 COG 3 35 COG 6 36 COG 6 37 COG 6 38 Winter Period Weighted Avg. COG 39 LDAC 40 LDAC 2, January 1 41 LDAC 3, March 1 42 Summer 2022	\$ 222.64 \$0.1937 \$0.1624 \$0.8453 \$0.8036 \$0.8523 \$0.9608 \$0.9608 \$0.9608 \$0.0360 \$ 0.0360 \$ 0.0360 \$ 0.0448 \$ 0.0504	1,484 \$222.64 \$251.81 \$29.90 \$1,254.50	1,967 \$222.64 \$251.81 \$108.26 \$1,662.40	2,180 \$222.64 \$251.81 \$142.86 \$1,751.58	2,139 \$222.64 \$251.81 \$136.20 \$1,822.80	2,117 \$222.64 \$251.81 \$132.66 \$2,033.87	1,720 \$222.64 \$251.81 \$68.20 \$1,652.50	11,606 \$1,335.84 \$1,510.86 \$618.07 \$1,254.50 \$1,662.40 \$1,751.58 \$1,822.80 \$2,033.87 \$1,652.50 \$124.23 \$193.46	1,465	1,237	1,134	1,220	1,164	1,310	7,530	
27 Typical Usage: therms 28 Winter 2021 - 2022 29 Customer Charge units @ 30 First 1,300 units @ 31 Over 1,300 units @ 32 COG 1 33 COG 2 34 COG 3 35 COG 4 36 COG 6 38 Winter Period Weighted Avg. COG 39 LDAC 40 LDAC 3, March 1	\$ 222.64 \$0.1937 \$0.1624 \$0.8453 \$0.8036 \$0.8036 \$0.9608 \$0.9608 \$0.9608 \$0.9608 \$0.0360 \$0.0360 \$0.0360 \$0.0448 \$0.0504 \$222.64	1,484 \$222.64 \$251.81 \$29.90 \$1,254.50	1,967 \$222.64 \$251.81 \$108.26 \$1,662.40	2,180 \$222.64 \$251.81 \$142.86 \$1,751.58	2,139 \$222.64 \$251.81 \$136.20 \$1,822.80	2,117 \$222.64 \$251.81 \$132.66 \$2,033.87	1,720 \$222.64 \$251.81 \$68.20 \$1,652.50	11,606 \$1,335.84 \$1,510.86 \$618.07 \$1,254.50 \$1,662.40 \$1,751.58 \$1,822.80 \$2,033.87 \$1,652.50 \$124.23 \$193.46	1,465	1,237	1,134				7,530 \$1,342.92	
27 Typical Usage: therms 28 Winter 2021 - 2022 29 Customer Charge units @ 30 First 1,300 units @ 31 Over 1,300 units @ 32 COG 1 33 COG 2 34 COG 3 35 COG 6 36 COG 6 37 COG 6 38 Winter Period Weighted Avg. COG 39 LDAC 40 LDAC 2, January 1 41 LDAC 3, March 1 42 Summer 2022	\$ 222.64 \$0.1937 \$0.1624 \$0.8453 \$0.8036 \$0.8523 \$0.9608 \$0.9608 \$0.9608 \$0.0360 \$ 0.0360 \$ 0.0360 \$ 0.0448 \$ 0.0504	1,484 \$222.64 \$251.81 \$29.90 \$1,254.50	1,967 \$222.64 \$251.81 \$108.26 \$1,662.40	2,180 \$222.64 \$251.81 \$142.86 \$1,751.58	2,139 \$222.64 \$251.81 \$136.20 \$1,822.80	2,117 \$222.64 \$251.81 \$132.66 \$2,033.87	1,720 \$222.64 \$251.81 \$68.20 \$1,652.50	11,606 \$1,335.84 \$1,510.86 \$618.07 \$1,254.50 \$1,662.40 \$1,751.58 \$1,822.80 \$2,033.87 \$1,652.50 \$124.23 \$193.46	1,465	1,237	1,134	1,220	1,164	1,310	7,530	
27 Typical Usage: therms 28 Winter 2021 - 2022 29 Customer Charge units @ 30 First 1,300 units @ 31 Over 1,300 units @ 32 COG 1 33 COG 2 34 COG 3 35 COG 6 37 COG 6 38 Winter Period Weighted Avg. COG 39 LDAC 40 LDAC 2, January 1 41 LDAC 3, March 1 42 Summer 2022 43 Customer Charge** units @	\$ 222.64 \$0.1937 \$0.1624 \$0.8453 \$0.8036 \$0.8036 \$0.9608 \$0.9608 \$0.9608 \$0.9608 \$0.0360 \$0.0360 \$0.0360 \$0.0448 \$0.0504 \$222.64	1,484 \$222.64 \$251.81 \$29.90 \$1,254.50	1,967 \$222.64 \$251.81 \$108.26 \$1,662.40	2,180 \$222.64 \$251.81 \$142.86 \$1,751.58	2,139 \$222.64 \$251.81 \$136.20 \$1,822.80	2,117 \$222.64 \$251.81 \$132.66 \$2,033.87	1,720 \$222.64 \$251.81 \$68.20 \$1,652.50	11,606 \$1,335.84 \$1,510.86 \$618.07 \$1,254.50 \$1,662.40 \$1,751.58 \$1,822.80 \$2,033.87 \$1,652.50 \$124.23 \$193.46	1,465	1,237	1,134	1,220	1,164	1,310	7,530 \$1,342.92	
27 Typical Usage: therms 28 Winter 2021 - 2022 29 Customer Charge units @ 30 First 1,300 units @ 31 Over 1,300 units @ 32 COG 1 33 COG 2 34 COG 3 35 COG 6 36 COG 6 38 Winter Period Weighted Avg. COG 40 LDAC 41 LDAC 3, March 1 42 Summer 2022 43 Customer Charge** units @ 44 First 1,000 units @	\$ 222.64 \$0.1937 \$0.1624 \$0.8453 \$0.8036 \$0.8523 \$0.9608 \$0.9608 \$0.9608 \$0.9608 \$0.0448 \$0.0504 \$222.64 \$0.1562	1,484 \$222.64 \$251.81 \$29.90 \$1,254.50	1,967 \$222.64 \$251.81 \$108.26 \$1,662.40	2,180 \$222.64 \$251.81 \$142.86 \$1,751.58	2,139 \$222.64 \$251.81 \$136.20 \$1,822.80	2,117 \$222.64 \$251.81 \$132.66 \$2,033.87	1,720 \$222.64 \$251.81 \$68.20 \$1,652.50	11,606 \$1,335.84 \$1,510.86 \$618.07 \$1,254.50 \$1,662.40 \$1,751.58 \$1,822.80 \$2,033.87 \$1,652.50 \$124.23 \$193.46	1,465 \$222.64 \$156.20	1,237 \$222.64 \$156.20	1,134 \$222.64 \$156.20	1,220	1,164	1,310	7,530 \$1,342.92 \$468.60	
27 Typical Usage: therms 28 Winter 2021 - 2022 29 Customer Charge units @ 30 First 1,300 units @ 31 Over 1,300 units @ 32 COG 1 33 COG 2 34 COG 3 35 COG 4 36 COG 6 37 COG 6 38 Winter Period Weighted Avg. COG 39 LDAC 40 LDAC 2, January 1 41 LDAC 3, March 1 42 Summer 2022 43 First 1,000 units @ 44 First 1,000 units @	\$ 222.64 \$0.1937 \$0.1624 \$0.8453 \$0.8036 \$0.8623 \$0.9608 \$0.9608 \$0.9608 \$0.9608 \$0.0360 \$ 0.0448 \$ 0.0504 \$ 222.64 \$0.1562 \$0.1312	1,484 \$222.64 \$251.81 \$29.90 \$1,254.50	1,967 \$222.64 \$251.81 \$108.26 \$1,662.40	2,180 \$222.64 \$251.81 \$142.86 \$1,751.58	2,139 \$222.64 \$251.81 \$136.20 \$1,822.80	2,117 \$222.64 \$251.81 \$132.66 \$2,033.87	1,720 \$222.64 \$251.81 \$68.20 \$1,652.50	11,606 \$1,335.84 \$1,510.86 \$618.07 \$1,254.50 \$1,662.40 \$1,751.58 \$1,822.80 \$2,033.87 \$1,652.50 \$124.23 \$193.46	1,465 \$222.64 \$156.20	1,237 \$222.64 \$156.20	1,134 \$222.64 \$156.20	1,220	1,164	1,310	7,530 \$1,342.92 \$468.60 \$109.67	
27 Typical Usage: therms 28 Winter 2021 - 2022 29 Customer Charge units @ 30 First 1,300 units @ 31 Over 1,300 units @ 32 COG 1 33 COG 2 34 COG 3 35 COG 4 36 COG 6 37 COG 6 38 Winter Period Weighted Avg. COG 39 LDAC 40 LDAC 2, January 1 41 LDAC 3, March 1 42 Summer 2022 43 Customer Charge** units @ 44 First 1,000 units @ 45 Over 1,000 units @ 46 Eff. Aug. 1, 2022 All @	\$ 222.64 \$0.1937 \$0.1624 \$0.8453 \$0.8453 \$0.8036 \$0.8523 \$0.9608 \$0.9608 \$0.9608 \$0.09608 \$0.09608 \$0.0488 \$0.0504 \$222.64 \$0.1562 \$0.1312 \$0.1656	1,484 \$222.64 \$251.81 \$29.90 \$1,254.50	1,967 \$222.64 \$251.81 \$108.26 \$1,662.40	2,180 \$222.64 \$251.81 \$142.86 \$1,751.58	2,139 \$222.64 \$251.81 \$136.20 \$1,822.80	2,117 \$222.64 \$251.81 \$132.66 \$2,033.87	1,720 \$222.64 \$251.81 \$68.20 \$1,652.50	11,606 \$1,335.84 \$1,510.86 \$618.07 \$1,254.50 \$1,662.40 \$1,751.58 \$1,822.80 \$2,033.87 \$1,652.50 \$124.23 \$193.46	1,465 \$222.64 \$156.20	1,237 \$222.64 \$156.20	1,134 \$222.64 \$156.20	1,220	1,164 \$225.00	1,310 \$225.00	7,530 \$1,342.92 \$468.60 \$109.67 \$202.04	
27 Typical Usage: therms 28 Winter 2021 - 2022 29 Customer Charge units @ 30 First 1,300 units @ 31 Over 1,300 units @ 32 COG 1 33 COG 2 34 COG 3 35 COG 6 36 COG 6 37 COG 6 38 Winter Period Weighted Avg. COG 39 LDAC 40 LDAC 2, January 1 41 LDAC 3, March 1 42 Summer 2022 43 Customer Charge** units @ 44 First 1,000 units @ 45 Over 1,000 units @ 45 Over 1,000 units @ 45 Eff. Aug. 1, 2022 All @ 47 Eff. Sept. 1, 2022 All @ 48 COG 1	\$ 222.64 \$0.1937 \$0.1624 \$0.8453 \$0.8036 \$0.8036 \$0.8023 \$0.9608 \$0.9608 \$0.9608 \$ 0.0360 \$ 0.0448 \$ 0.0504 \$ 222.64 \$ 0.1562 \$0.1312 \$0.1656 \$ 0.1770 \$0.5925	1,484 \$222.64 \$251.81 \$29.90 \$1,254.50	1,967 \$222.64 \$251.81 \$108.26 \$1,662.40	2,180 \$222.64 \$251.81 \$142.86 \$1,751.58	2,139 \$222.64 \$251.81 \$136.20 \$1,822.80	2,117 \$222.64 \$251.81 \$132.66 \$2,033.87	1,720 \$222.64 \$251.81 \$68.20 \$1,652.50	11,606 \$1,335.84 \$1,510.86 \$618.07 \$1,254.50 \$1,662.40 \$1,751.58 \$1,822.80 \$2,033.87 \$1,652.50 \$124.23 \$193.46	1,465 \$222.64 \$156.20 \$61.02	1,237 \$222.64 \$156.20 \$31.07	1,134 \$222.64 \$156.20	1,220	1,164 \$225.00	1,310 \$225.00	7,530 \$1,342.92 \$468.60 \$109.67 \$202.04 \$437.98 \$868.08	
27 Typical Usage: therms 28 Winter 2021 - 2022 29 Customer Charge units @ 30 First 1,300 units @ 31 Over 1,300 units @ 32 COG 1 33 COG 2 34 COG 3 35 COG 4 36 COG 6 37 COG 6 38 Winter Period Weighted Avg. COG 39 LDAC 40 LDAC 2, January 1 41 LDAC 3, March 1 42 Summer 2022 43 Customer Charge** units @ 44 First 1,000 units @ 45 Over 1,000 units @ 45 Efr. Aug. 1, 2022 All @ 47 Eff. Sept. 1, 2022 All @ 48 COG 1 49 COG 2	\$ 222.64 \$0.1937 \$0.1624 \$0.8453 \$0.8036 \$0.8036 \$0.9608 \$0.9608 \$0.9608 \$0.9608 \$0.9608 \$0.09608 \$0.09608 \$0.09608 \$0.09608 \$0.09608 \$0.010504 \$222.64 \$0.1562 \$0.1312 \$0.1656 \$0.1770 \$0.5925 \$0.8690	1,484 \$222.64 \$251.81 \$29.90 \$1,254.50	1,967 \$222.64 \$251.81 \$108.26 \$1,662.40	2,180 \$222.64 \$251.81 \$142.86 \$1,751.58	2,139 \$222.64 \$251.81 \$136.20 \$1,822.80	2,117 \$222.64 \$251.81 \$132.66 \$2,033.87	1,720 \$222.64 \$251.81 \$68.20 \$1,652.50	11,606 \$1,335.84 \$1,510.86 \$618.07 \$1,254.50 \$1,662.40 \$1,751.58 \$1,822.80 \$2,033.87 \$1,652.50 \$124.23 \$193.46	1,465 \$222.64 \$156.20 \$61.02	1,237 \$222.64 \$156.20	1,134 \$222.64 \$156.20 \$17.58	1,220	1,164 \$225.00	1,310 \$225.00	7,530 \$1,342.92 \$468.60 \$109.67 \$202.04 \$437.98 \$868.08 \$1,074.80	
27 Typical Usage: therms 28 Winter 2021 - 2022 29 Customer Charge units @ 30 First 1,300 units @ 31 Over 1,300 units @ 32 COG 1 33 COG 2 34 COG 3 35 COG 4 36 COG 6 38 Winter Period Weighted Avg. COG 40 LDAC 2, January 1 41 LDAC 2, January 1 41 LDAC 3, March 1 42 Summer 2022 43 Customer Charge** units @ 44 First 1,000 units @ 45 Over 1,000 units @ 46 Eff. Aug. 1, 2022 All @ 47 Eff. Sept. 1, 2022 All @ 47 Eff. Sept. 1, 2022 All @ 49 COG 1 49 COG 2 50 COG 3	\$ 222.64 \$0.1937 \$0.1624 \$0.8453 \$0.8036 \$0.8523 \$0.9608 \$0.9608 \$0.9608 \$0.0448 \$ 0.0504 \$ 222.64 \$0.1562 \$0.1312 \$0.1656 \$0.1770 \$0.5925 \$0.8690 \$0.8690	1,484 \$222.64 \$251.81 \$29.90 \$1,254.50	1,967 \$222.64 \$251.81 \$108.26 \$1,662.40	2,180 \$222.64 \$251.81 \$142.86 \$1,751.58	2,139 \$222.64 \$251.81 \$136.20 \$1,822.80	2,117 \$222.64 \$251.81 \$132.66 \$2,033.87	1,720 \$222.64 \$251.81 \$68.20 \$1,652.50	11,606 \$1,335.84 \$1,510.86 \$618.07 \$1,254.50 \$1,662.40 \$1,751.58 \$1,822.80 \$2,033.87 \$1,652.50 \$124.23 \$193.46	1,465 \$222.64 \$156.20 \$61.02	1,237 \$222.64 \$156.20 \$31.07	1,134 \$222.64 \$156.20	1,220 \$225.00 \$202.04	1,164 \$225.00	1,310 \$225.00	7,530 \$1,342.92 \$468.60 \$109.67 \$202.04 \$437.98 \$868.08 \$1,074.80 \$985.44	
27 Typical Usage: therms 28 Winter 2021 - 2022 29 Customer Charge units @ 30 First 1,300 units @ 31 Over 1,300 units @ 32 COG 1 33 COG 2 34 COG 3 35 COG 4 36 COG 6 37 COG 6 37 COG 6 39 LDAC 39 LDAC January 1 41 41 LDAC 3, January 1 41 LDAC 3, January 1 41 LDAC 3, January 1 42 Summer 2022 43 Customer Charge** units @ 44 44 First 1,000 units @ 45 Over 1,000 units @ 45 Eff. Aug. 1, 2022 All @ 48 47 Eff. Sept. 1, 2022 All @ 48 49 COG 1 49 COG 2 50 COG 3 51 COG 4	\$ 222.64 \$0.1937 \$0.1624 \$0.8453 \$0.8036 \$0.8523 \$0.9608 \$0.9608 \$0.9608 \$0.0360 \$0.0448 \$0.0504 \$222.64 \$0.1562 \$0.1312 \$0.1665 \$0.1770 \$0.5925 \$0.8690 \$0.8690 \$0.8690	1,484 \$222.64 \$251.81 \$29.90 \$1,254.50	1,967 \$222.64 \$251.81 \$108.26 \$1,662.40	2,180 \$222.64 \$251.81 \$142.86 \$1,751.58	2,139 \$222.64 \$251.81 \$136.20 \$1,822.80	2,117 \$222.64 \$251.81 \$132.66 \$2,033.87	1,720 \$222.64 \$251.81 \$68.20 \$1,652.50	11,606 \$1,335.84 \$1,510.86 \$618.07 \$1,254.50 \$1,662.40 \$1,751.58 \$1,822.80 \$2,033.87 \$1,652.50 \$124.23 \$193.46	1,465 \$222.64 \$156.20 \$61.02	1,237 \$222.64 \$156.20 \$31.07	1,134 \$222.64 \$156.20 \$17.58	1,220	1,164 \$225.00 \$206.08	1,310 \$225.00	7,530 \$1,342.92 \$468.60 \$109.67 \$202.04 \$437.98 \$868.08 \$1,074.80 \$985.44 \$1,060.21	
27 Typical Usage: therms 28 Winter 2021 - 2022 29 Customer Charge units @ 30 First 1,300 units @ 31 Over 1,300 units @ 32 COG 1 33 COG 2 34 COG 3 35 COG 4 36 COG 6 37 COG 6 38 Winter Period Weighted Avg. COG 39 LDAC 40 LDAC 2, January 1 41 LDAC 3, March 1 42 Summer 2022 43 Customer Charge** units @ 44 First 1,000 units @ 45 Over 1,000 units @ 46 Eff. Aug. 1, 2022 All @ 47 Eff. Sept. 1, 2022 All @ 49 COG 2 50 COG 3 51 COG 4 52 COG 5	\$ 222.64 \$0.1937 \$0.1624 \$0.8453 \$0.8036 \$0.8036 \$0.9608 \$0.9608 \$0.9608 \$0.9608 \$0.09608 \$0.09608 \$0.09608 \$0.09608 \$0.0360 \$0.0448 \$0.0504 \$222.64 \$0.1562 \$0.1562 \$0.1312 \$0.1656 \$0.1312 \$0.1656 \$0.1312 \$0.1656 \$0.8690 \$0.8690 \$0.8690 \$1.0768	1,484 \$222.64 \$251.81 \$29.90 \$1,254.50	1,967 \$222.64 \$251.81 \$108.26 \$1,662.40	2,180 \$222.64 \$251.81 \$142.86 \$1,751.58	2,139 \$222.64 \$251.81 \$136.20 \$1,822.80	2,117 \$222.64 \$251.81 \$132.66 \$2,033.87	1,720 \$222.64 \$251.81 \$68.20 \$1,652.50	11,606 \$1,335.84 \$1,510.86 \$618.07 \$1,254.50 \$1,662.40 \$1,751.58 \$1,822.80 \$2,033.87 \$1,652.50 \$124.23 \$193.46	1,465 \$222.64 \$156.20 \$61.02	1,237 \$222.64 \$156.20 \$31.07	1,134 \$222.64 \$156.20 \$17.58	1,220 \$225.00 \$202.04	1,164 \$225.00	1,310 \$225.00 \$231.90	7,530 \$1,342.92 \$468.60 \$109.67 \$202.04 \$437.98 \$868.08 \$1,074.80 \$985.44 \$1,060.21 \$1,253.74	
27 Typical Usage: therms 28 Winter 2021 - 2022 29 Customer Charge units @ 30 First 1,300 units @ 31 Over 1,300 units @ 32 COG 1 33 COG 2 34 COG 3 35 COG 4 36 COG 6 37 COG 6 38 Winter Period Weighted Avg. COG 40 LDAC 2, January 1 41 LDAC 2, January 1 41 LDAC 3, March 1 42 Summer 2022 43 Customer Charge** units @ 45 Over 1,000 units @ 46 Eff. Aug. 1, 2022 All @ 47 Eff. Sept. 1, 2022 All @ 48 COG 1 49 COG 2 50 COG 3 51 COG 4 52 COG 5 53 COG 6	\$ 222.64 \$0.1937 \$0.1624 \$0.8453 \$0.8036 \$0.9608 \$0.9608 \$0.9608 \$0.9608 \$0.0448 \$0.0504 \$222.64 \$0.1562 \$0.1312 \$0.1656 \$0.1770 \$0.5925 \$0.8690 \$0.8690 \$0.8690 \$1.0768 \$1.0768	1,484 \$222.64 \$251.81 \$29.90 \$1,254.50	1,967 \$222.64 \$251.81 \$108.26 \$1,662.40	2,180 \$222.64 \$251.81 \$142.86 \$1,751.58	2,139 \$222.64 \$251.81 \$136.20 \$1,822.80	2,117 \$222.64 \$251.81 \$132.66 \$2,033.87	1,720 \$222.64 \$251.81 \$68.20 \$1,652.50	11,606 \$1,335.84 \$1,510.86 \$618.07 \$1,254.50 \$1,662.40 \$1,751.58 \$1,822.80 \$2,033.87 \$1,652.50 \$124.23 \$193.46	1,465 \$222.64 \$156.20 \$61.02	1,237 \$222.64 \$156.20 \$31.07	1,134 \$222.64 \$156.20 \$17.58	1,220 \$225.00 \$202.04	1,164 \$225.00 \$206.08	1,310 \$225.00	7,530 \$1,342.92 \$468.60 \$109.67 \$202.04 \$437.98 \$868.08 \$1,074.80 \$985.44 \$1,060.21	
27 Typical Usage: therms 28 Winter 2021 - 2022 29 Customer Charge units @ 30 First 1,300 units @ 31 Over 1,300 units @ 32 COG 1 33 COG 2 34 COG 3 35 COG 4 36 COG 6 37 COG 6 38 Winter Period Weighted Avg. COG 39 LDAC 40 LDAC 2, January 1 41 LDAC 3, March 1 42 Summer 2022 43 CUSOM units @ 44 First 1,000 units @ 45 Over 1,000 units @ 45 CUST 46 Eff. Aug. 1, 2022 48 COG 1 49 COG 2 50 COG 3 51 COG 4 52 COG 5 53 COG 6 54 Summer Period Weighted Avg. COG	\$ 222.64 \$0.1937 \$0.1624 \$0.8453 \$0.8036 \$0.8523 \$0.9608 \$0.8769 \$ 0.0360 \$ 0.0448 \$ 0.0504 \$ 222.64 \$ 0.1562 \$0.1312 \$0.1656 \$ 0.1412 \$0.1656 \$ 0.1770 \$0.5925 \$0.8690 \$0.8690 \$0.8690 \$1.0768 \$ 0.08835	1,484 \$222.64 \$251.81 \$29.90 \$1,254.50	1,967 \$222.64 \$251.81 \$108.26 \$1,662.40	2,180 \$222.64 \$251.81 \$142.86 \$1,751.58	2,139 \$222.64 \$251.81 \$136.20 \$1,822.80	2,117 \$222.64 \$251.81 \$132.66 \$2,033.87	1,720 \$222.64 \$251.81 \$68.20 \$1,652.50	11,606 \$1,335.84 \$1,510.86 \$618.07 \$1,254.50 \$1,662.40 \$1,751.58 \$1,822.80 \$2,033.87 \$1,652.50 \$124.23 \$193.46	1,465 \$222.64 \$156.20 \$61.02 \$868.08	1,237 \$222.64 \$156.20 \$31.07 \$1,074.80	1,134 \$222.64 \$156.20 \$17.58 \$985.44	1,220 \$225.00 \$202.04 \$1,060.21	1,164 \$225.00 \$206.08 \$1,253.74	1,310 \$225.00 \$231.90 \$1,410.79	7,530 \$1,342.92 \$468.60 \$109.67 \$202.04 \$437.98 \$868.08 \$1,074.80 \$985.44 \$1,060.21 \$1,253.74 \$1,410.79	
27 Typical Usage: therms 28 Winter 2021 - 2022 29 Customer Charge units @ 30 First 1,300 units @ 31 Over 1,300 units @ 32 COG 1 33 COG 2 34 COG 3 35 COG 4 36 COG 6 37 COG 6 38 Winter Period Weighted Avg. COG 40 LDAC 2, January 1 41 LDAC 2, January 1 41 LDAC 3, March 1 42 Summer 2022 43 Customer Charge** units @ 45 Over 1,000 units @ 46 Eff. Aug. 1, 2022 All @ 47 Eff. Sept. 1, 2022 All @ 48 COG 1 49 COG 2 50 COG 3 51 COG 4 52 COG 5 53 COG 6	\$ 222.64 \$0.1937 \$0.1624 \$0.8453 \$0.8036 \$0.9608 \$0.9608 \$0.9608 \$0.9608 \$0.0448 \$0.0504 \$222.64 \$0.1562 \$0.1312 \$0.1656 \$0.1770 \$0.5925 \$0.8690 \$0.8690 \$0.8690 \$1.0768 \$1.0768	1,484 \$222.64 \$251.81 \$29.90 \$1,254.50	1,967 \$222.64 \$251.81 \$108.26 \$1,662.40	2,180 \$222.64 \$251.81 \$142.86 \$1,751.58	2,139 \$222.64 \$251.81 \$136.20 \$1,822.80	2,117 \$222.64 \$251.81 \$132.66 \$2,033.87	1,720 \$222.64 \$251.81 \$68.20 \$1,652.50	11,606 \$1,335.84 \$1,510.86 \$618.07 \$1,254.50 \$1,662.40 \$1,751.58 \$1,822.80 \$2,033.87 \$1,652.50 \$124.23 \$193.46	1,465 \$222.64 \$156.20 \$61.02	1,237 \$222.64 \$156.20 \$31.07	1,134 \$222.64 \$156.20 \$17.58	1,220 \$225.00 \$202.04	1,164 \$225.00 \$206.08	1,310 \$225.00 \$231.90	7,530 \$1,342.92 \$468.60 \$109.67 \$202.04 \$437.98 \$868.08 \$1,074.80 \$985.44 \$1,060.21 \$1,253.74	
27 Typical Usage: therms 28 Winter 2021 - 2022 29 Customer Charge units @ 30 First 1,300 units @ 31 Over 1,300 units @ 32 COG 1 33 33 COG 2 34 4 COG 3 35 5 COG 6 37 6 COG 5 37 7 COG 6 38 Winter Period Weighted Avg. COG 39 LDAC January 1 41 LDAC 2, January 1 41 LDAC 3, March 1 42 Summer 2022 43 Customer Charge** 44 First 1,0000 units @ 45 Over 1,0000 units @ 45 Over 1,0000 units @ 45 Over 1,0000 units @ 46 Eff. Aug. 1, 2022 All @ 47 Eff. Sept. 1, 2022 All @ 48 COG 1 2 49 COG	\$ 222.64 \$0.1937 \$0.1624 \$0.8453 \$0.8036 \$0.8523 \$0.9608 \$0.9608 \$0.9608 \$0.0360 \$0.0448 \$0.0504 \$222.64 \$0.1562 \$0.1312 \$0.1562 \$0.1312 \$0.1562 \$0.1312 \$0.1562 \$0.1312 \$0.5925 \$0.8690 \$0.8690 \$1.0768 \$0.8835 \$0.0504	1,484 \$222.64 \$251.81 \$29.90 \$1,254.50 \$53.43	1,967 \$222.64 \$251.81 \$108.26 \$1,662.40 \$70.80	2,180 \$222.64 \$251.81 \$142.86 \$1,751.58 \$97.65	2,139 \$222.64 \$251.81 \$136.20 \$1,822.80 \$95.81	2,117 \$222.64 \$251.81 \$132.66 \$2,033.87 \$106.69	1,720 \$222.64 \$251.81 \$68.20 \$1,652.50 \$86.68	11,606 \$1,335.84 \$1,510.86 \$618.07 \$1,254.50 \$1,662.40 \$1,751.58 \$1,822.80 \$1,822.80 \$1,822.80 \$1,822.80 \$1,822.80 \$1,822.80 \$1,822.80 \$1,822.80 \$1,822.80 \$1,822.80 \$1,822.80 \$1,923.80 \$1,924.80 \$1,924.80 \$1,925.80 \$	1,465 \$222.64 \$156.20 \$61.02 \$868.08 \$73.84	1,237 \$222.64 \$156.20 \$31.07 \$1,074.80 \$62.34	1,134 \$222.64 \$156.20 \$17.58 \$985.44 \$57.15	1,220 \$225.00 \$202.04 \$1,060.21 \$61.49	1,164 \$225.00 \$206.08 \$1,253.74 \$58.68	1,310 \$225.00 \$231.90 \$1,410.79 \$66.03	7,530 \$1,342.92 \$468.60 \$109.67 \$202.04 \$437.98 \$868.08 \$1,074.80 \$985.44 \$1,060.21 \$1,253.74 \$1,263.74 \$1,410.79 \$379.53	19,136
27 Typical Usage: therms 28 Winter 2021 - 2022 29 Customer Charge units @ 30 First 1,300 units @ 31 Over 1,300 units @ 32 COG 1 33 COG 2 34 COG 3 35 COG 4 36 COG 6 37 COG 6 38 Winter Period Weighted Avg. COG 39 LDAC 40 LDAC 2, January 1 41 LDAC 3, March 1 42 Summer 2022 43 Coustomer Charge** units @ 44 First 1,000 units @ 45 Over 1,000 units @ 45 Over 1,000 units @ 45 Eff. Aug. 1, 2022 All @ 47 Eff. Sept. 1, 2022 All @ 49 COG 1 49 COG 4 52 COG 6 53 COG 6 54 Summer Period Weighted Avg. COG 55 LDAC	\$ 222.64 \$0.1937 \$0.1624 \$0.8453 \$0.8036 \$0.8036 \$0.9608 \$0.9608 \$0.9608 \$ 0.0360 \$ 0.0448 \$ 0.0504 \$ 222.64 \$0.1562 \$0.1312 \$0.1656 \$0.1770 \$0.5925 \$0.8690 \$0.8690 \$1.0768 \$0.08154 \$ 0.0504 \$ 0.0504 \$ 0.0504 \$ 0.0504	1,484 \$222.64 \$29.90 \$1,254.50 \$53.43 \$53.43	1,967 \$222.64 \$251.81 \$108.26 \$1,662.40 \$70.80 \$70.80	2,180 \$222.64 \$251.81 \$142.86 \$1,751.58 \$97.65 \$97.65	2,139 \$222.64 \$251.81 \$136.20 \$1,822.80 \$95.81 \$95.81	2,117 \$222.64 \$251.81 \$132.66 \$2,033.87 \$106.69 \$2,747.66	1,720 \$222.64 \$251.81 \$68.20 \$1,652.50 \$86.68 \$26.68 \$22,281.83	11,606 \$1,335.84 \$1,510.86 \$618.07 \$1,254.50 \$1,662.40 \$1,751.58 \$1,822.80 \$1,822.80 \$1,822.80 \$1,822.80 \$1,822.80 \$1,822.80 \$193.37 \$1,652.50 \$124.23 \$193.37 \$1,652.50 \$124.23 \$193.37 \$1,652.50 \$124.23 \$193.37 \$1,652.50 \$124.23 \$193.37 \$1,512.54 \$14,153.49	1,465 \$222.64 \$156.20 \$61.02 \$868.08 \$73.84 \$1,381.78	1,237 \$222.64 \$156.20 \$31.07 \$1,074.80 \$62.34 \$1,547.05	1,134 \$222.64 \$156.20 \$17.58 \$985.44 \$57.15 \$1,439.01	1,220 \$225.00 \$202.04 \$1,060.21 \$61.49 \$1,548.73	1,164 \$225.00 \$206.08 \$1,253.74 \$58.68 \$1,743.50	1,310 \$225.00 \$231.90 \$1,410.79 \$66.03 \$1,933.72	7,530 \$1,342.92 \$468.60 \$109.67 \$202.04 \$437.98 \$868.08 \$1,074.80 \$985.44 \$1,060.21 \$1,253.74 \$1,060.21 \$1,253.74 \$1,410.79 \$379.53	19,136 \$23,747.29
27 Typical Usage: therms 28 Winter 2021 - 2022 29 Customer Charge units @ 30 First 1,300 units @ 31 Over 1,300 units @ 32 COG 1 33 COG 2 34 COG 3 35 COG 4 36 COG 6 37 COG 6 38 Winter Period Weighted Avg. COG 39 LDAC 40 LDAC 2, January 1 41 LDAC 3, March 1 42 Summer 2022 43 Customer Charge** units @ 44 First 1,000 units @ 45 Over 1,000 units @ 45 Over 1,000 units @ 46 Eff. Aug. 1, 2022 All @ 47 Eff. Sept. 1, 2022 All @ 48 COG 1 49 COG 2 50 COG 4 52 COG 5 53 COG 6 54 Summer Period Weighted Avg. COG 55 LDAC <td>\$ 222.64 \$0.1937 \$0.1624 \$0.8453 \$0.8036 \$0.8068 \$0.9608 \$0.9608 \$0.9608 \$0.9608 \$0.0504 \$0.0504 \$ 0.0504 \$ 222.64 \$0.1562 \$0.1562 \$0.1565 \$0.1656 \$0.1770 \$0.5925 \$0.8690 \$0.8690 \$0.8690 \$0.8690 \$1.0768 \$1.0768 \$1.0768 \$1.0768 \$1.0768 \$0.0504</td> <td>1,484 \$222.64 \$29.90 \$1,254.50 \$53.43 \$53.43 \$1,812.28 \$312.21</td> <td>1,967 \$222.64 \$251.81 \$108.26 \$1,662.40 \$70.80 \$70.80 \$2,315.91 \$426.19</td> <td>2,180 \$222.64 \$251.81 \$142.86 \$1,751.58 \$97.65 \$97.65 \$2,466.54 \$2,466.54</td> <td>2,139 \$222.64 \$251.81 \$136.20 \$1,822.80 \$95.81 \$95.81 \$2,529.27 \$433.04</td> <td>2,117 \$222.64 \$251.81 \$132.66 \$2,033.87 \$106.69 \$2,747.66 \$186.69</td> <td>1,720 \$222.64 \$251.81 \$68.20 \$1,652.50 \$86.68 \$86.68 \$2,281.83 \$144.50</td> <td>11,606 \$1,335.84 \$1,510.86 \$618.07 \$1,254.50 \$1,662.40 \$1,751.58 \$1,862.50 \$124.23 \$133.46 \$193.37 \$1,652.50 \$124.23 \$133.46 \$193.37 \$1,652.50 \$124.23 \$133.46 \$193.37 \$1,652.50 \$124.23 \$133.46 \$193.37</td> <td>1,465 \$222.64 \$156.20 \$868.08 \$73.84 \$1,381.78 \$1,381.78</td> <td>1,237 \$222.64 \$156.20 \$31.07 \$1,074.80 \$62.34 \$1,547.05 (\$259.12)</td> <td>1,134 \$222.64 \$156.20 \$17.58 \$985.44 \$57.15 \$1,439.01 (\$239.46)</td> <td>1,220 \$225.00 \$202.04 \$1,060.21 \$61.49 \$1,548.73 (\$276.09)</td> <td>1,164 \$225.00 \$206.08 \$1,253.74 \$58.68 \$1,743.50 (\$518.70)</td> <td>1,310 \$225.00 \$231.90 \$1,410.79 \$66.03 \$1,933.72 (\$583.68)</td> <td>7,530 \$1,342.92 \$468.60 \$109.67 \$202.04 \$437.98 \$8868.08 \$1,074.80 \$985.44 \$1,060.21 \$1,253.74 \$1,253.74 \$1,410.79 \$379.53 \$9,593.80 (\$1,774.72)</td> <td>19,136 \$23,747.29 \$276.12</td>	\$ 222.64 \$0.1937 \$0.1624 \$0.8453 \$0.8036 \$0.8068 \$0.9608 \$0.9608 \$0.9608 \$0.9608 \$0.0504 \$0.0504 \$ 0.0504 \$ 222.64 \$0.1562 \$0.1562 \$0.1565 \$0.1656 \$0.1770 \$0.5925 \$0.8690 \$0.8690 \$0.8690 \$0.8690 \$1.0768 \$1.0768 \$1.0768 \$1.0768 \$1.0768 \$0.0504	1,484 \$222.64 \$29.90 \$1,254.50 \$53.43 \$53.43 \$1,812.28 \$312.21	1,967 \$222.64 \$251.81 \$108.26 \$1,662.40 \$70.80 \$70.80 \$2,315.91 \$426.19	2,180 \$222.64 \$251.81 \$142.86 \$1,751.58 \$97.65 \$97.65 \$2,466.54 \$2,466.54	2,139 \$222.64 \$251.81 \$136.20 \$1,822.80 \$95.81 \$95.81 \$2,529.27 \$433.04	2,117 \$222.64 \$251.81 \$132.66 \$2,033.87 \$106.69 \$2,747.66 \$186.69	1,720 \$222.64 \$251.81 \$68.20 \$1,652.50 \$86.68 \$86.68 \$2,281.83 \$144.50	11,606 \$1,335.84 \$1,510.86 \$618.07 \$1,254.50 \$1,662.40 \$1,751.58 \$1,862.50 \$124.23 \$133.46 \$193.37 \$1,652.50 \$124.23 \$133.46 \$193.37 \$1,652.50 \$124.23 \$133.46 \$193.37 \$1,652.50 \$124.23 \$133.46 \$193.37	1,465 \$222.64 \$156.20 \$868.08 \$73.84 \$1,381.78 \$1,381.78	1,237 \$222.64 \$156.20 \$31.07 \$1,074.80 \$62.34 \$1,547.05 (\$259.12)	1,134 \$222.64 \$156.20 \$17.58 \$985.44 \$57.15 \$1,439.01 (\$239.46)	1,220 \$225.00 \$202.04 \$1,060.21 \$61.49 \$1,548.73 (\$276.09)	1,164 \$225.00 \$206.08 \$1,253.74 \$58.68 \$1,743.50 (\$518.70)	1,310 \$225.00 \$231.90 \$1,410.79 \$66.03 \$1,933.72 (\$583.68)	7,530 \$1,342.92 \$468.60 \$109.67 \$202.04 \$437.98 \$8868.08 \$1,074.80 \$985.44 \$1,060.21 \$1,253.74 \$1,253.74 \$1,410.79 \$379.53 \$9,593.80 (\$1,774.72)	19,136 \$23,747.29 \$276.12
27 Typical Usage: therms 28 Winter 2021 - 2022 29 Customer Charge units @ 30 First 1,300 units @ 31 Over 1,300 units @ 32 COG 1 33 COG 2 34 COG 3 35 COG 4 36 COG 6 37 COG 6 38 Winter Period Weighted Avg. COG 39 LDAC 40 LDAC 2, January 1 41 LDAC 3, March 1 42 Summer 2022 43 Customer Charge** units @ 44 First 1,000 units @ 45 Over 1,000 units @ 45 Over 1,000 units @ 45 Eff. Aug. 1, 2022 All @ 48 COG 1 49 COG 2 50 COG 6 51 COG 6 53 COG 6 54 Summer Period Weighted Avg. COG 55 LDAC	\$ 222.64 \$0.1937 \$0.1624 \$0.8453 \$0.8036 \$0.8036 \$0.9608 \$0.9608 \$0.9608 \$ 0.0360 \$ 0.0448 \$ 0.0504 \$ 222.64 \$0.1562 \$0.1312 \$0.1656 \$0.1770 \$0.5925 \$0.8690 \$0.8690 \$1.0768 \$0.08154 \$ 0.0504 \$ 0.0504 \$ 0.0504 \$ 0.0504	1,484 \$222.64 \$29.90 \$1,254.50 \$53.43 \$53.43	1,967 \$222.64 \$251.81 \$108.26 \$1,662.40 \$70.80 \$70.80	2,180 \$222.64 \$251.81 \$142.86 \$1,751.58 \$97.65 \$97.65	2,139 \$222.64 \$251.81 \$136.20 \$1,822.80 \$95.81 \$95.81	2,117 \$222.64 \$251.81 \$132.66 \$2,033.87 \$106.69 \$2,747.66	1,720 \$222.64 \$251.81 \$68.20 \$1,652.50 \$86.68 \$26.68 \$22,281.83	11,606 \$1,335.84 \$1,510.86 \$618.07 \$1,254.50 \$1,662.40 \$1,751.58 \$1,822.80 \$1,822.80 \$1,822.80 \$1,822.80 \$1,822.80 \$1,822.80 \$193.37 \$1,652.50 \$124.23 \$193.37 \$1,652.50 \$124.23 \$193.37 \$1,652.50 \$124.23 \$193.37 \$1,652.50 \$124.23 \$193.37 \$1,512.54 \$14,153.49	1,465 \$222.64 \$156.20 \$61.02 \$868.08 \$73.84 \$1,381.78	1,237 \$222.64 \$156.20 \$31.07 \$1,074.80 \$62.34 \$1,547.05	1,134 \$222.64 \$156.20 \$17.58 \$985.44 \$57.15 \$1,439.01	1,220 \$225.00 \$202.04 \$1,060.21 \$61.49 \$1,548.73 (\$276.09)	1,164 \$225.00 \$206.08 \$1,253.74 \$58.68 \$1,743.50 (\$518.70)	1,310 \$225.00 \$231.90 \$1,410.79 \$66.03 \$1,933.72	7,530 \$1,342.92 \$468.60 \$109.67 \$202.04 \$437.98 \$868.08 \$1,074.80 \$985.44 \$1,060.21 \$1,253.74 \$1,060.21 \$1,253.74 \$1,410.79 \$379.53	19,136 \$23,747.29

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Northern Utilities, Inc. New Hampshire Division

SECOND REVISED Attachment NUI-SED-3

NORTHERN UTILITIES, INC. - NEW HAMPSHIRE DIVISION

Typical Residential Heating Bill - 124 therms/Summer

Comparison of Summer 2023 vs. Summer 2022

1		May	June	July	August	Sept	October	Summer
2 Typical Usage: therms(*)		43	19	14	13	13	24	<u>30mmer</u> 124
3 Summer 2023		40	10	14	10	10	27	124
4 Customer Charge units @	\$22.20	\$22.20	\$22.20	\$22.20	\$22.20	\$22.20	\$22.20	\$133.20
5 All units @	\$0.9266	\$39.60	\$17.16	\$12.52			, .	\$69.28
6 All eff. Aug 1, 2023 units @	\$0.9259				\$11.72	\$11.58	\$22.02	\$45.33
7 COG 1	\$0.6916	\$29.56					-	\$29.56
8 COG 2	\$0.6916		\$12.81					\$12.81
9 COG 3	\$0.6916			\$9.35				\$9.35
10 COG 4	\$0.6916				\$8.76			\$8.76
11 COG 5	\$0.6916					\$8.65		\$8.65
12 COG 6	\$0.6916						\$16.45	\$16.45
13 Summer Period 2021 Avg. COG		T						
14 LDAC	\$0.1850	\$7.91	\$3.43	\$2.50	\$2.34	\$2.31	\$4.40	\$22.89
15	TOTAL	\$99.26	\$55.60	\$46.57	\$45.02	\$44.75	\$65.07	\$356.27
Base Rate Change	\$ Change	\$10.62	\$4.60	\$3.36	\$0.00	\$0.00	\$0.00	\$18.57
	% Change	12.97%	8.65%	7.49%	0.00%	0.00%	0.00%	5.35%
COG Change	\$ Change	\$2.37	-\$4.09	-\$2.99	-\$2.80	-\$5.36	-\$10.20	-\$23.07
	% Change	2.90%	-7.70%	-6.67%	-6.09%	-10.99%	-14.00%	-6.64%
LDAC Change	\$ Change	\$4.42	\$1.92	\$1.40	\$1.31	\$1.29	\$2.46	\$12.79
	% Change	5.40%	3.60%	3.12%	2.85%	2.65%	3.38%	3.68%
16 17 Typical Usage: therms		May	June	July	August	Sept	October	Summer
		43	19	14	13	13	24	<u>124</u>
18 Summer 2022 19 Customer Charge units @	\$22.20	\$22.20	\$22.20	\$22.20	\$22.20	\$22.20	\$22.20	\$133.20
20 First 50 units @	\$0.6782	\$28.98	\$22.20 \$12.56	۶22.20 \$9.17	φ22.20	φΖΖ.ΖU	φ22.20	\$133.20
21 Over 50 units @	\$0.6782	\$0.00	\$12.50	\$9.17 \$0.00				\$0.00
22 Eff. Aug 1, 2022 All @	\$0.8841	φ0.00	φ0.00	\$0.00	\$11.19			\$0.00 \$11.19
23 Eff. Sept 1, 2022 All @	\$0.9266				ψ11.15	\$11.59	\$22.04	\$33.63
24 COG 1	\$0.6361	\$27.18				ψ11.00	ψΖΖ.04	\$27.18
25 COG 2	\$0.9126	φ27.10	\$16.90					\$16.90
26 COG 3	\$0.9126			\$12.33				\$12.33
27 COG 4	\$0.9126			¢.2.00	\$11.55			\$11.55
28 COG 5	\$1.1204				\$1.100	\$14.02		\$14.02
29 COG 6	\$1.1204					\$11.0 <u>2</u>	\$26.65	\$26.65
30 Summer Period 2020 Avg. COG							¢_0.00	¢20.00
				.	\$1.03	¢4.00	* • • • •	¢10.10
31 LDAC	\$0.0816	\$3.49	\$1.51	\$1.10	\$1.US	\$1.02	\$1.94	\$10.10
31 LDAC 32	\$0.0816 TOTAL	\$3.49 \$81.85	\$1.51 \$53.17	\$1.10 \$44.80	\$45.98	\$1.02	\$1.94 \$72.83	\$10.10 \$347.47
	1	·						

Docket No. DG 22-059 Exhibit 5 Northern Utilities, Inc. New Hampshire Division SECOND REVISED Attachment NUI-SED-3 Page 6 of 10

NORTHERN UTILITIES, INC. - NEW HAMPSHIRE DIVISION

Typical G-40 Commercial & Industrial Bill - 287 therms/Summer

Comparison of Summer 2023 vs. Summer 2022

1				May	June	July	August	Sept	October	Summer
2	2	Typical Usage: therms(*)		111	40	26	26	26	59	287
3		Summer 2023							-	
4	Customer Charge	units @	\$80.00	\$80.00	\$80.00	\$80.00	\$80.00	\$80.00	\$80.00	\$480.00
5	All	units @	\$0.2556	\$28.38	\$10.21	\$6.62				\$45.20
6	All eff. Aug 1, 2023	units @	\$0.2554				\$6.62	\$6.56	\$15.04	\$28.21
7	,	COG 1	\$0.7383	\$81.97						\$81.97
8	5	COG 2	\$0.7383		\$29.48					\$29.48
9		COG 3	\$0.7383			\$19.11				\$19.11
10		COG 4	\$0.7383				\$19.13			\$19.13
11		COG 5	\$0.7383					\$18.95		\$18.95
12		COG 6	\$0.7383						\$43.47	\$43.47
13		Summer Period 2021 Avg. COG	\$0.7383 *							
14		LDAC	\$0.0493	\$5.47	\$1.97	\$1.28	\$1.28	\$1.27	\$2.90	\$14.16
15			TOTAL	\$195.82	\$121.66	\$107.00	\$107.03	\$106.78	\$141.41	<u>\$779.70</u>
	Base Rate Change		\$ Change	\$10.08	\$6.77	\$6.12	\$11.53	\$11.47	\$19.95	\$65.91
			% Change	5.68%	5.51%	5.76%	10.80%	10.20%	12.42%	8.38%
	COG Change		\$ Change	\$8.36	-\$8.03	-\$5.21	-\$5.21	-\$10.50	-\$24.08	-\$44.68
			% Change	4.71%	-6.53%	-4.91%	-4.88%	-9.34%	-14.99%	-5.68%
	LDAC Change		\$ Change	-\$0.12	-\$0.04	-\$0.03	-\$0.03	-\$0.03	-\$0.06	-\$0.32
			% Change	-0.07%	-0.04%	-0.03%	-0.03%	-0.03%	-0.04%	-0.04%
										0.0.70
			Ŭ							0.0170
16						luly	August	Sent		
16 17	-	Typical Usage: therms		May	June 40	July 26	August	Sept	October 59	Summer
17	,	Typical Usage: therms Summer 2022		Мау	June		August 26	Sept 26	October	
17 18		Summer 2022		May 111	June 40	26	26	26	October 59	<u>Summer</u> 287
17 18 19	Customer Charge		\$75.09 \$0.2090	Мау	June				October	Summer
17 18 19 20	Customer Charge	Summer 2022 units @ 5 units @	\$75.09	May 111 \$75.09	June 40 \$75.09	26 \$75.09	26	26	October 59	<u>Summer</u> <u>287</u> \$450.54
17 18 19 20 21	Customer Charge	Summer 2022 units @	\$75.09 \$0.2090	May 111 \$75.09 \$15.68	June 40 \$75.09 \$8.35	26 \$75.09 \$5.41	26	26	October 59	<u>Summer</u> <u>287</u> \$450.54 \$29.43
17 18 19 20 21 22	Customer Charge First 75 Over 75	Summer 2022 units @ 5 units @ 5 units @	\$75.09 \$0.2090 \$0.2090	May 111 \$75.09 \$15.68	June 40 \$75.09 \$8.35	26 \$75.09 \$5.41	26 \$75.09	26	October 59	<u>Summer</u> <u>287</u> \$450.54 \$29.43 \$7.53
17 18 19 20 21 22	Customer Charge First 75 Over 75 Eff, Aug. 1, 2022 Eff, Sept. 1, 2022	Summer 2022 units @ 5 units @ 5 units @ All @	\$75.09 \$0.2090 \$0.2090 \$0.2320	May 111 \$75.09 \$15.68	June 40 \$75.09 \$8.35	26 \$75.09 \$5.41	26 \$75.09	26 \$75.09	October 59 \$75.09	<u>Summer</u> <u>287</u> \$450.54 \$29.43 \$7.53 \$6.01
17 18 19 20 21 22 23	Customer Charge First 75 Over 75 Eff, Aug. 1, 2022 Eff, Sept. 1, 2022	Summer 2022 units @ 5 units @ 5 units @ All @ All @	\$75.09 \$0.2090 \$0.2090 \$0.2320 \$0.2556	May 111 \$75.09 \$15.68 \$7.53	June 40 \$75.09 \$8.35	26 \$75.09 \$5.41	26 \$75.09	26 \$75.09	October 59 \$75.09	<u>Summer</u> <u>287</u> \$450.54 \$29.43 \$7.53 \$6.01 \$21.61
17 18 19 20 21 22 23 24	Customer Charge First 75 Over 75 Eff, Aug. 1, 2022 Eff, Sept. 1, 2022	Summer 2022 units @ 5 units @ 5 units @ All @ All @ COG 1	\$75.09 \$0.2090 \$0.2090 \$0.2320 \$0.2556 \$0.6630	May 111 \$75.09 \$15.68 \$7.53	June 40 \$75.09 \$8.35 \$0.00	26 \$75.09 \$5.41	26 \$75.09	26 \$75.09	October 59 \$75.09	<u>Summer</u> <u>287</u> \$450.54 \$29.43 \$7.53 \$6.01 \$21.61 \$73.61
17 18 19 20 21 22 23 24 25	Customer Charge First 75 Over 75 Eff, Aug. 1, 2022 Eff, Sept. 1, 2022	Summer 2022 units @ 5 units @ 5 units @ All @ All @ COG 1 COG 2	\$75.09 \$0.2090 \$0.2090 \$0.2320 \$0.2556 \$0.6630 \$0.9395	May 111 \$75.09 \$15.68 \$7.53	June 40 \$75.09 \$8.35 \$0.00	26 \$75.09 \$5.41 \$0.00	26 \$75.09	26 \$75.09	October 59 \$75.09	<u>Summer</u> <u>287</u> \$450.54 \$29.43 \$7.53 \$6.01 \$21.61 \$73.61 \$37.51
17 18 19 20 21 22 23 24 25 26	Customer Charge First 75 Over 75 Eff, Aug. 1, 2022 Eff, Sept. 1, 2022	Summer 2022 units @ 5 units @ 5 units @ All @ All @ COG 1 COG 2 COG 3	\$75.09 \$0.2090 \$0.2090 \$0.2320 \$0.2556 \$0.6630 \$0.9395 \$0.9395	May 111 \$75.09 \$15.68 \$7.53	June 40 \$75.09 \$8.35 \$0.00	26 \$75.09 \$5.41 \$0.00	26 \$75.09 \$6.01	26 \$75.09	October 59 \$75.09	Summer 287 \$450.54 \$29.43 \$7.53 \$6.01 \$21.61 \$73.61 \$37.51 \$24.32
17 18 19 20 21 22 23 24 25 26 27	Customer Charge First 75 Over 75 Eff, Aug. 1, 2022 Eff, Sept. 1, 2022	Summer 2022 units @ 5 units @ 6 units @ 6 units @ All @ All @ COG 1 COG 2 COG 3 COG 4	\$75.09 \$0.2090 \$0.2320 \$0.2556 \$0.6630 \$0.9395 \$0.9395 \$0.9395 \$1.1473	May 111 \$75.09 \$15.68 \$7.53	June 40 \$75.09 \$8.35 \$0.00	26 \$75.09 \$5.41 \$0.00	26 \$75.09 \$6.01	26 \$75.09 \$6.56	October 59 \$75.09	Summer 287 \$450.54 \$29.43 \$7.53 \$6.01 \$21.61 \$73.61 \$37.51 \$24.32 \$24.32 \$24.35
17 18 19 20 21 22 23 24 25 26 27 28	Customer Charge First 75 Over 75 Eff, Aug. 1, 2022 Eff, Sept. 1, 2022	Summer 2022 units @ units @ units @ units @ All @ All @ COG 1 COG 2 COG 3 COG 4 COG 5 COG 6	\$75.09 \$0.2090 \$0.2320 \$0.2556 \$0.6630 \$0.9395 \$0.9395 \$0.9395	May 111 \$75.09 \$15.68 \$7.53	June 40 \$75.09 \$8.35 \$0.00	26 \$75.09 \$5.41 \$0.00	26 \$75.09 \$6.01	26 \$75.09 \$6.56	October 59 \$75.09 \$15.05	Summer 287 \$450.54 \$29.43 \$7.53 \$6.01 \$21.61 \$73.61 \$27.51 \$24.32 \$24.35 \$29.45
17 18 19 20 21 22 23 24 25 26 27 28 29	Customer Charge First 75 Over 75 Eff, Aug. 1, 2022 Eff, Sept. 1, 2022	Summer 2022 units @ 5 units @ 6 units @ 7 All @ All @ COG 1 COG 2 COG 3 COG 4 COG 5	\$75.09 \$0.2090 \$0.2320 \$0.2556 \$0.6630 \$0.9395 \$0.9395 \$0.9395 \$1.1473 \$1.1473	May 111 \$75.09 \$15.68 \$7.53	June 40 \$75.09 \$8.35 \$0.00	26 \$75.09 \$5.41 \$0.00	26 \$75.09 \$6.01	26 \$75.09 \$6.56	October 59 \$75.09 \$15.05	Summer 287 \$450.54 \$29.43 \$7.53 \$6.01 \$21.61 \$73.61 \$27.51 \$24.32 \$24.35 \$29.45
 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 	Customer Charge First 75 Over 75 Eff, Aug. 1, 2022 Eff, Sept. 1, 2022	Summer 2022 units @ 5 units @ 6 units @ 6 All @ All @ COG 1 COG 2 COG 3 COG 4 COG 5 COG 6 Summer Period 2020 Avg. COG	\$75.09 \$0.2090 \$0.2320 \$0.2556 \$0.6630 \$0.9395 \$0.9395 \$0.9395 \$1.1473 \$1.1473 \$0.8938 * \$0.0504	May 111 \$75.09 \$15.68 \$7.53 \$73.61 \$5.60	June 40 \$75.09 \$8.35 \$0.00 \$37.51 \$2.01	26 \$75.09 \$5.41 \$0.00 \$24.32 \$1.30	26 \$75.09 \$6.01 \$24.35 \$1.31	26 \$75.09 \$6.56 \$29.45 \$1.29	October 59 \$75.09 \$15.05 \$67.55 \$2.97	Summer 287 \$450.54 \$29.43 \$7.53 \$6.01 \$21.61 \$73.61 \$37.51 \$24.32 \$24.35 \$29.45 \$67.55 \$14.48
177 188 199 200 211 222 233 244 255 266 277 288 299 300 311 322	Customer Charge First 75 Over 75 Eff, Aug. 1, 2022 Eff, Sept. 1, 2022	Summer 2022 units @ 5 units @ 6 units @ 6 All @ All @ COG 1 COG 2 COG 3 COG 4 COG 5 COG 6 Summer Period 2020 Avg. COG	\$75.09 \$0.2090 \$0.2320 \$0.2556 \$0.9395 \$0.9395 \$0.9395 \$1.1473 \$1.1473 \$1.1473 \$0.8938 \$0.0504 TOTAL	May 111 \$75.09 \$15.68 \$7.53 \$73.61 \$5.60 \$177.50	June 40 \$75.09 \$8.35 \$0.00 \$37.51 \$2.01 \$122.96	26 \$75.09 \$5.41 \$0.00 \$24.32 \$1.30 \$106.13	26 \$75.09 \$6.01 \$24.35 \$1.31 \$106.76	26 \$75.09 \$6.56 \$29.45 \$1.29 \$112.40	October 59 \$75.09 \$15.05 \$67.55 \$2.97 \$160.66	Summer 287 \$450.54 \$29.43 \$7.53 \$6.01 \$21.61 \$73.61 \$37.51 \$24.32 \$24.35 \$29.45 \$67.55 \$14.48 \$786.40
177 188 199 200 211 222 233 244 255 266 277 288 299 300 311	Customer Charge First 75 Over 75 Eff, Aug. 1, 2022 Eff, Sept. 1, 2022	Summer 2022 units @ 5 units @ 6 units @ 6 All @ All @ COG 1 COG 2 COG 3 COG 4 COG 5 COG 6 Summer Period 2020 Avg. COG	\$75.09 \$0.2090 \$0.2320 \$0.2556 \$0.6630 \$0.9395 \$0.9395 \$0.9395 \$1.1473 \$1.1473 \$0.8938 * \$0.0504	May 111 \$75.09 \$15.68 \$7.53 \$73.61 \$5.60	June 40 \$75.09 \$8.35 \$0.00 \$37.51 \$2.01	26 \$75.09 \$5.41 \$0.00 \$24.32 \$1.30	26 \$75.09 \$6.01 \$24.35 \$1.31	26 \$75.09 \$6.56 \$29.45 \$1.29	October 59 \$75.09 \$15.05 \$67.55 \$2.97	Summer 287 \$450.54 \$29.43 \$7.53 \$6.01 \$21.61 \$73.61 \$37.51 \$24.32 \$24.35 \$29.45 \$67.55 \$14.48

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NORTHERN UTILITIES, INC. - NEW HAMPSHIRE DIVISION

Typical G-41 Commercial & Industrial Bill - 3,797 therms/Summer

Comparison of Summer 2023 vs. Summer 2022

		iparison or						F	
1			May	June	July	August	Sept	October	Summer
2	Typical Usage: therms(1)		1,283	526	391	382	389	825	<u>3,797</u>
3	Summer 2023								
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	\$243.22	\$99.72	\$74.06				\$416.99
6 All eff. Aug 1, 2023	units @	\$0.2881				\$110.06	\$112.18	\$237.76	\$460.00
7	COG 1	\$0.7383	\$947.58	* ****					\$947.58
8	COG 2	\$0.7383		\$388.49					\$388.49
9	COG 3	\$0.7383			\$288.55				\$288.55
10	COG 4	\$0.7383				\$282.04	AAA- 10		\$282.04
11	COG 5	\$0.7383					\$287.48		\$287.48
12	COG 6	\$0.7383						\$609.31	\$609.31
13	Summer Period 2021 Avg. COG	\$0.7383 *							
14	LDAC	\$0.0493	\$63.27	\$25.94	\$19.27	\$18.83	\$19.20	\$40.69	\$187.20
15		TOTAL	\$1,476.71	\$736.79	\$604.51	\$633.57	\$641.50	\$1,110.40	<u>\$5,203.48</u>
Base Rate Change		\$ Change	-\$28.88	-\$11.84	-\$8.79	\$0.00	\$0.00	\$0.00	-\$49.51
		% Change	-2.05%	-1.38%	-1.27%	0.00%	0.00%	0.00%	-0.84%
COG Change		\$ Change	\$96.64	-\$105.87	-\$78.63	-\$76.86	-\$159.26	-\$337.54	-\$661.52
5 5 5 5		% Change	6.85%	-12.38%	-11.36%	-10.89%	-19.88%	-23.29%	-11.19%
LDAC Change		\$ Change	-\$1.41	-\$0.58	-\$0.43	-\$0.42	-\$0.43	-\$0.91	-\$4.18
EB/ to onlingo		% Change	-0.10%	-0.07%	-0.06%	-0.06%	-0.05%	-0.06%	-0.07%
		, onunge	0.1070	0.0770	0.0070	0.0070	0.0070	0.0070	0.0176
16			May	June	July	August	Sept	October	Summer
17	Typical Usage: therms		1,283	526	391	382	389	825	3,797
18	Summer 2022		1,200	520	551	502	003	025	<u>5,757</u>
19 Customer Charge	units @	\$222.64	\$222.64	\$222.64	\$222.64	\$222.64	\$222.64	\$222.64	\$1,335.84
20 All	units @	\$0.2120	\$272.04 \$272.09	\$222.04 \$111.55	\$222.04 \$82.85	φ222.04	φΖΖΖ.04	φ222.04	\$466.50
21 Eff, Aug. 1, 2022			φZ1Z.09	φ111.00	φ02.00				φ 4 00.50
		\$0.2744				\$104.82			\$104.82
22 Eff Sent 1 2022	All @	\$0.2744 \$0.2883				\$104.82	\$112.26	\$237.03	\$104.82 \$350.19
	All @	\$0.2883	\$850.9/			\$104.82	\$112.26	\$237.93	\$350.19
22 Eff, Sept. 1, 2022 23 24	All @ COG 1	\$0.2883 \$0.6630	\$850.94	\$494 37		\$104.82	\$112.26	\$237.93	\$350.19 \$850.94
23 24	All @ COG 1 COG 2	\$0.2883 \$0.6630 \$0.9395	\$850.94	\$494.37	\$367 18	\$104.82	\$112.26	\$237.93	\$350.19 \$850.94 \$494.37
23 24 25	All @ COG 1 COG 2 COG 3	\$0.2883 \$0.6630 \$0.9395 \$0.9395	\$850.94	\$494.37	\$367.18	·	\$112.26	\$237.93	\$350.19 \$850.94 \$494.37 \$367.18
23 24 25 26	All @ COG 1 COG 2 COG 3 COG 4	\$0.2883 \$0.6630 \$0.9395 \$0.9395 \$0.9395	\$850.94	\$494.37	\$367.18	\$104.82 \$358.90		\$237.93	\$350.19 \$850.94 \$494.37 \$367.18 \$358.90
23 24 25 26 27	All @ COG 1 COG 2 COG 3 COG 4 COG 5	\$0.2883 \$0.6630 \$0.9395 \$0.9395 \$0.9395 \$1.1473	\$850.94	\$494.37	\$367.18	·	\$112.26 \$446.74		\$350.19 \$850.94 \$494.37 \$367.18 \$358.90 \$446.74
23 24 25 26 27 28	All @ COG 1 COG 2 COG 3 COG 4 COG 5 COG 6	\$0.2883 \$0.6630 \$0.9395 \$0.9395 \$0.9395 \$1.1473 \$1.1473	\$850.94	\$494.37	\$367.18	·		\$237.93 \$946.85	\$350.19 \$850.94 \$494.37 \$367.18 \$358.90
23 24 25 26 27	All @ COG 1 COG 2 COG 3 COG 4 COG 5	\$0.2883 \$0.6630 \$0.9395 \$0.9395 \$0.9395 \$1.1473	\$850.94	\$494.37 \$26.52	\$367.18 \$19.70	·			\$350.19 \$850.94 \$494.37 \$367.18 \$358.90 \$446.74
23 24 25 26 27 28 29	All @ COG 1 COG 2 COG 3 COG 4 COG 5 COG 6 Summer Period 2020 Avg. COG LDAC	\$0.2883 \$0.6630 \$0.9395 \$0.9395 \$0.9395 \$1.1473 \$1.1473 \$0.9125				\$358.90	\$446.74	\$946.85	\$350.19 \$850.94 \$494.37 \$367.18 \$358.90 \$446.74 \$946.85
23 24 25 26 27 28 29 30	All @ COG 1 COG 2 COG 3 COG 4 COG 5 COG 6 Summer Period 2020 Avg. COG LDAC	\$0.2883 \$0.6630 \$0.9395 \$0.9395 \$1.1473 \$1.1473 \$0.9125 *	\$64.69	\$26.52	\$19.70	\$358.90 \$19.25	\$446.74 \$19.62	\$946.85 \$41.59	\$350.19 \$850.94 \$494.37 \$367.18 \$358.90 \$446.74 \$946.85 \$191.38

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NORTHERN UTILITIES, INC. - NEW HAMPSHIRE DIVISION

Typical G-51 Commercial & Industrial Bill - 7,530 therms/Summer

Comparison of Summer 2023 vs. Summer 2022

1 2 3 4 Customer Charge 5 All	Typical Usage:	therms(1)	May	June	July	August	Sept	October	Summer
3 4 Customer Charge	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	therms(1)							
4 Customer Charge	Cummor 2022		1,465	1,237	1,134	1,220	1,164	1,310	<u>7,530</u>
-	Summer 2023								
5 All	units @	\$225.00	\$225.00	\$225.00	\$225.00	\$225.00	\$225.00	\$225.00	\$1,350.00
	units @	\$0.1770	\$259.32	\$218.92	\$200.72				\$678.96
6 All eff. Aug 1, 202	3 units @	\$0.1763				\$215.09	\$205.27	\$230.98	\$651.34
7	COG 1	\$0.6331	\$927.56						\$927.56
8	COG 2	\$0.6331		\$783.04					\$783.04
9	COG 3	\$0.6331			\$717.93				\$717.93
10	COG 4	\$0.6331				\$772.40			\$772.40
11	COG 5	\$0.6331					\$737.13		\$737.13
12	COG 6	\$0.6331						\$829.47	\$829.47
13	Summer Period 2021 Avg. COG	\$0.6331 *							
14	LDAC	\$0.0493	\$72.23	\$60.98	\$55.91	\$60.15	\$57.40	\$64.59	\$371.25
15		TOTAL	\$1,484.12	\$1,287.93	\$1,199.55	\$1,272.64	\$1,224.80	\$1,350.04	\$7,819.08
Base Rate Chang	e	\$ Change	\$44.46	\$34.01	\$29.30	\$2.36	\$2.36	\$2.36	\$114.85
		% Change	3.22%	2.20%	2.60%	0.20%	0.14%	0.12%	1.29%
COG Change		\$ Change	\$59.48	-\$291.77	\$46.04	\$49.53	-\$516.61	-\$581.32	-\$1,234.64
		% Change	4.30%	-18.86%	4.09%	4.10%	-29.67%	-30.10%	-13.82%
LDAC Change		\$ Change	-\$1.61	-\$1.36	-\$1.25	-\$1.34	-\$1.28	-\$1.44	-\$8.28
		% Change	-0.12%	-0.09%	-0.11%	-0.11%	-0.07%	-0.07%	-0.09%
16			May	June	July	August	Sept	October	Summer
17	Typical Usage:	: therms	1,465	1,237	1,134	1,220	1,164	1,310	7,530
18	Summer 2022		•						
19 Customer Charge	units @	\$222.64	\$222.64	\$222.64	\$222.64	\$222.64	\$222.64	\$222.64	\$1,335.84
20 First	1,000 units @	\$0.1562	\$156.20	\$156.20	\$156.20				\$468.60
21 Over	1,000 units @	\$0.1312	\$61.02	\$31.07	\$17.58				\$109.67
22 Eff. Aug. 1, 2022	All @	\$0.1656				\$202.04			\$202.04
23 Eff. Sept. 1, 2022	All @	\$0.1770					\$206.08	\$231.90	\$437.98
24	COG 1	\$0.5925	\$868.08						\$868.08
25	COG 2	\$0.8690		\$1,074.80					\$1,074.80
26	COG 3	\$0.5925			\$671.89				\$671.89
27	COG 4	\$0.5925				\$722.87			\$722.87
28	COG 5	\$1.0768					\$1,253.74		\$1,253.74
29	COG 6	\$1.0768						\$1,410.79	\$1,410.79
30	Summer Period 2020 Avg. COG							·	
31	LDAC	\$0.0504	\$73.84	\$62.34	\$57.15	\$61.49	\$58.68	\$66.03	\$379.53
32		TOTAL	\$1,381.78	\$1,547.05	\$1,125.46	\$1,209.03	\$1,741.14	\$1,931.36	\$8,935.83
		Change	\$102.33	-\$259.12	\$74.09	\$63.61	-\$516.34	-\$581.32	-\$1,116.76
33									
22 Eff. Aug. 1, 2022 23 Eff. Sept. 1, 2022 24 25 26	All @ All @ COG 1 COG 2 COG 3	\$0.1656 \$0.1770 \$0.5925 \$0.8690 \$0.5925			·		\$206.08	\$231.90	\$202.0 \$437.9 \$868.0 \$1,074.8 \$671.8

*-Note- Weighted by usage.

NORTHERN UTILITIES, INC. -- NEW HAMPSHIRE DIVISION Impact of Rate Changes on Residential Heating Bills by Usage Level Forecast Summer 2023 vs. Actual Summer 2022

Northern Utilities, Inc. New Hampshire Division SECOND REVISED Attachment NUI-SED-3 Page 6 of 10

Residential Heating									
	Summer 2022	Summer 2023							
Customer Charge	\$22.20	\$22.20							
First 50 Therms**	\$0.7629	\$0.9264							
Over 50 therms**	\$0.7629	\$0.9264							
LDAC	\$0.0816	\$0.1850							
CGA	\$0.8781	\$0.6916							

	lsage Ierms)	Summer 2022 Bill Amount	Summer 2023 Bill Amount	Total Bill		Base Rate		COG		LDAC	
	5	\$30.81	\$31.22	\$0.40	1.3%	\$0.82	2.7%	(\$0.93)	-3.0%	\$0.52	1.7%
	10	\$39.43	\$40.23	\$0.80	2.0%	\$1.64	4.2%	(\$1.86)	-4.7%	\$1.03	2.6%
	20	\$56.65	\$58.26	\$1.61	2.8%	\$3.27	5.8%	(\$3.73)	-6.6%	\$2.07	3.7%
Monthly*	25	\$65.26	\$67.28	\$2.01	3.1%	\$4.09	6.3%	(\$4.66)	-7.1%	\$2.59	4.0%
	30	\$73.88	\$76.29	\$2.41	3.3%	\$4.91	6.6%	(\$5.59)	-7.6%	\$3.10	4.2%
	45	\$99.71	\$103.34	\$3.62	3.6%	\$7.36	7.4%	(\$8.39)	-8.4%	\$4.65	4.7%
	50	\$108.33	\$112.35	\$4.02	3.7%	\$8.18	7.6%	(\$9.32)	-8.6%	\$5.17	4.8%
	75	\$151.39	\$157.43	\$6.03	4.0%	\$12.27	8.1%	(\$13.98)	-9.2%	\$7.76	5.1%
	125	\$237.52	\$247.58	\$10.06	4.2%	\$20.44	8.6%	(\$23.31)	-9.8%	\$12.93	5.4%
	150	\$280.58	\$292.65	\$12.07	4.3%	\$24.53	8.7%	(\$27.97) -	-10.0%	\$15.51	5.5%
	200	\$366.71	\$382.80	\$16.09	4.4%	\$32.71	8.9%	(\$37.29) -	-10.2%	\$20.68	5.6%

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

** Average distribution rates.