#### CALCULATION OF FIRM SALES COST OF GAS RATE

Period Covered: May 1, 2021 - October 31, 2021

Period Govered: May 1, 202	21 - October 31, 2021		
(Col 1)	(Col 2)	(Col 3)	
Total Anticipated Direct Cost of Gas	\$3,341,119		
Projected Prorated Sales (05/01/21 - 10/31/21)	8,061,210		
Direct Cost of Gas Rate		\$0.4145	per therm
Demand Cost of Gas Rate	\$1,175,460	\$0.1458	per therm
Commodity Cost of Gas Rate	\$ <u>2,165,659</u>	\$ <u>0.2687</u>	per therm
Total Direct Cost of Gas Rate	\$3,341,119	\$0.4145	per therm
Total Anticipated Indirect Cost of Gas	\$214,984		
Projected Prorated Sales (05/01/21 - 10/31/21)	8,061,210	40.0007	
Indirect Cost of Gas		\$0.0267	per therm
TOTAL PERIOD AVERAGE COST OF GAS		\$0.4412	per therm
Period ending over-collection to be recovered - per April Report	\$450,141		
Projected sales (05/01/21 - 10/31/21)	8,061,210		
Per unit change in Cost of Gas (05/01/21 - 10/31/21)	\$0.0558		
Buded and the consequent and the basis	***		
Period ending over-collection to be recovered - per September Report	\$94,081 \$2,108,166		
Projected sales (10/01/21 - 10/31/21)  Per unit change in Cost of Gas (10/01/21 - 10/31/21)	\$2,198,166 \$0.0428		
	ψ0.0420		
RESIDENTIAL COST OF GAS RATE - 10/01/21	COGwr	\$0.5398	per therm
	Maximum (COG+25%)	\$0.5515	-
		40.00.0	
INITIAL RESIDENTIAL COST OF GAS RATE - 05/01/21		\$0.4412	
CHANGE IN PER UNIT COST		\$0.0558	
REVISED RESIDENTIAL COST OF GAS RATE - 05/01/21		\$0.4970	
CHANGE IN PER UNIT COST		\$0.4370	
REVISED RESIDENTIAL COST OF GAS RATE - 10/01/21		\$0.5398	
NEVICES NEGISENTIAL COOT OF CANTAIN TO THE TOTAL		ψυ.σσσσ	
COM/IND LOW WINTER USE COST OF GAS RATE - 10/01/21	COGwl	\$0.4929	per therm
	Maximum (COG+25%)	\$0.4929	
INITIAL COM/IND LOW WINTER USE COST OF GAS RATE - 05/01/21		\$0.3943	
CHANGE IN PER UNIT COST		\$0.0558	
REVISED COM/IND LOW WINTER USE COST OF GAS RATE - 05/01/21 CHANGE IN PER UNIT COST		\$0.4501 \$0.0428	
REVISED COM/IND LOW WINTER USE COST OF GAS RATE - 10/01/21		\$0.4929	
COM/IND HIGH WINTER USE COST OF GAS RATE - 10/01/21	COGwh	\$0.5719	per therm
	Maximum (COG+25%)	\$0.5916	
		,	
INITIAL COM/IND HIGH IMPLIED HOS COOT OF CAS DATE (1977)		00.1705	
INITIAL COM/IND HIGH WINTER USE COST OF GAS RATE - 05/01/21 CHANGE IN PER UNIT COST		\$0.4733 \$0.0558	
REVISED COM/IND HIGH WINTER USE COST OF GAS RATE - 05/01/21		\$0.5291	
CHANGE IN PER UNIT COST		\$0.0428	
REVISED COM/IND HIGH WINTER USE COST OF GAS RATE - 10/01/21		\$0.5719	
Issued: September 23, 2021	Issued By:	Robert B	Hevert
Effective Date: October 1, 2021		Senior Vice	President

Authorized by NHPUC Order No. 26,420 in Docket No. DG 20-154 , dated October 30, 2020

# NORTHERN UTILITIES - NEW HAMPSHIRE DIVISION SUMMER SEASON RESIDENTIAL RATES

	Summer Season May 2021 - October 2021	Tariff	Total Delivery Rates	<u>Total Billed Rates</u> Tariff Rates, LDAC
		Rates	(Includes LDAC)	Plus Cost of Gas
Residential Heating	Tariff Rate R 5:			
	Monthly Customer Charge	\$22.20	\$22.20	\$22.20
	First 50 therms	\$0.6099	\$0.7198	\$1.2596
	All usage over 50 therms	\$0.6099	\$0.7198	\$1.2596
	LDAC	\$0.1099		
	Gas Cost Adjustment:			
	Cost of Gas	\$0.5398		
Residential Heating	Tariff Rate R 10:			
Low Income	Monthly Customer Charge	\$22.20	\$22.20	\$22.20
2011 111001110	First 50 therms	\$0.6099	\$0.7198	\$1.2596
	All usage over 50 therms	\$0.6099	\$0.7198	\$1.2596
	LDAC	\$0.1099	ψο., 100	ψ1.2000
	Gas Cost Adjustment:	ψ0.1000		
	Cost of Gas	\$0.5398		
No Discount*	Manthly Customer Charge	\$0.00	\$0.00	\$0.00
No Discount*	Monthly Customer Charge First 50 therms	\$0.0000	\$0.000	\$0.000
		\$0.0000	\$0.0000	\$0.0000 \$0.0000
No Discount*	All usage over 50 therms	*	\$0.0000	\$0.0000
		\$0.0000		
	Gas Cost Adjustment:	<b>#0.0000</b>		
No Discount*	Cost of Gas	\$0.0000		
Residential Non-Heating	Tariff Rate R 6:			
incordential Non-Heating	Monthly Customer Charge	\$22.20	\$22.20	\$22.20
	First 10 therms	\$0.6470	\$0.7569	\$1.2967
	All usage over 10 therms	\$0.6470	\$0.7569 \$0.7569	\$1.2967 \$1.2967
	LDAC	\$0.1099	ψ0.7 303	ψ1.2301
	Gas Cost Adjustment:	φυ.1099		
	Cost of Gas	\$0.5398		
	COSE OF Gas	<b>ಫ</b> 0.5396		

<sup>\*:</sup> Discount applicable to winter months November through April only.

Issued: September 23, 2021

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Issued by:

Rober B. Hevert

Title: Senior Vice President

## NORTHERN UTILITIES - NEW HAMPSHIRE DIVISION

### SUMMER SEASON C&I RATES

	Summer Season		Total	Total Billed Rates
	May 2021 - October 2021	Tariff	<b>Delivery Rates</b>	Tariff Rates, LDAC
		Rates	(Includes LDAC)	Plus Cost of Gas
C&I Low Annual/High Winter	Tariff Rate G 40:			
	Monthly Customer Charge	\$75.09	\$75.09	\$75.09
	First 75 therms	\$0.1865	\$0.2337	\$0.8056
	All usage over 75 therms	\$0.1865	\$0.2337	\$0.8056
	LDAC	\$0.0472		
	Gas Cost Adjustment:			
	Cost of Gas	\$0.5719		
C&I Low Annual/Low Winter	Tariff Rate G 50:			
edi Low Aimadi, Low Winter	Monthly Customer Charge	\$75.09	\$75.09	\$75.09
	First 75 therms	\$0.1865	\$0.2337	\$0.7266
		1 1		-
	All usage over 75 therms	\$0.1865	\$0.2337	\$0.7266
	LDAC	\$0.0472		
	Gas Cost Adjustment:	¢0.4020		
	Cost of Gas	\$0.4929		
C&I Medium Annual/High Winter	Tariff Rate G 41:			
	Monthly Customer Charge	\$222.64	\$222.64	\$222.64
	All usage	\$0.1895	\$0.2367	\$0.8086
	LDAC	\$0.0472		
	Gas Cost Adjustment:			
	Cost of Gas	\$0.5719		
C&I Medium Annual/Low Winter	Tariff Rate G 51:			
,	Monthly Customer Charge	\$222.64	\$222.64	\$222.64
	First 1,000 therms	\$0.1337	\$0.1809	\$0.6738
	·	\$0.1087	\$0.1559	\$0.6488
	All usage over 1,000 therms		φυ.155 <del>3</del>	<b>ψ0.0400</b>
	LDAC	\$0.0472		
	Gas Cost Adjustment:			
	Cost of Gas	\$0.4929		
C&I High Annual/High Winter	Tariff Rate G 42:			
	Monthly Customer Charge	\$1,335.81	\$1,335.81	\$1,335.81
	All usage	\$0.1206	\$0.1678	\$0.7397
	LDAC	\$0.0472	*******	********
	Gas Cost Adjustment:	\$0.0472		
	•	¢0 5740		
	Cost of Gas	\$0.5719		
C&I High Annual/Low Winter	Tariff Rate G 52:			
	Monthly Customer Charge	\$1,335.81	\$1,335.81	\$1,335.81
	All usage	\$0.0792	\$0.1264	\$0.6193
	LDAC	\$0.0472		
	Gas Cost Adjustment:			
	Cost of Gas	\$0.4929		

Issued: September 23, 2021

Effective: With Service Rendered On and After October 1, 2021

Issued by: Title: Robert B. Hevert

Senior Vice President

Authorized by NHPUC Order No. 26,420 in Docket No. DG 20-154, dated October 30, 2020

### CALCULATION OF FIRM SALES COST OF GAS RATE

Period Covered: May 1, 2021 - October 31, 2021

(Col 1)		(Col 2)		(Col 3)	
Total Anticipated Direct Cost of Gas Projected Prorated Sales (05/01/2121- 10/31/2021) Direct Cost of Gas Rate		\$3,341,119 8,061,210		\$0.4145	per therm
Demand Cost of Gas Rate Commodity Cost of Gas Rate Total Direct Cost of Gas Rate		\$1,175,460 \$2,165,659 \$3,341,119		\$0.1458 \$0.2687 <b>\$0.4145</b>	per therm per therm per therm
Total Anticipated Indirect Cost of Gas Projected Prorated Sales (05/01/2121- 10/31/2021) Indirect Cost of Gas		\$214,984 8,061,210		\$0.0267	per therm
TOTAL PERIOD AVERAGE COST OF GAS Period ending over-collection to be recovered - per April Report Projected sales (05/01/21 - 10/31/21) Per unit change in Cost of Gas (05/01/21 - 10/31/21)		\$450,141 8,061,210 \$0.0558		\$0.4412	per therm
Period ending over-collection to be recovered - per September Report Projected sales (10/01/21 - 10/31/21) Per unit change in Cost of Gas (10/01/21 - 10/31/21)	_	\$94,081 2,198,166 \$0.0428			
RESIDENTIAL COST OF GAS RATE -05/01/21 10/01/21	COGwr		<del>\$0.4412</del>	\$0.5398	per therm
	Maximum (COG+25%)			\$0.5515	_
INITIAL RESIDENTIAL COST OF GAS RATE - 05/01/21 CHANGE IN PER UNIT COST REVISED RESIDENTIAL COST OF GAS RATE - 05/01/21 CHANGE IN PER UNIT COST REVISED RESIDENTIAL COST OF GAS RATE - 10/01/21			\$0.4412 \$0.0558 \$0.4970 \$0.0428 \$0.5398		
COM/IND LOW WINTER USE COST OF GAS RATE - 05/01/21 10/01/21	COGwl		<del>\$0.3943</del>	\$0.4929	per therm
	Maximum (COG+25%)			\$0.4929	
INITIAL COM/IND LOW WINTER USE COST OF GAS RATE - 5/01/20 CHANGE IN PER UNIT COST REVISED COM/IND LOW WINTER USE COST OF GAS RATE - 05/01/21 CHANGE IN PER UNIT COST REVISED COM/IND LOW WINTER USE COST OF GAS RATE - 10/01/21			\$0.3943 \$0.0558 \$0.4501 \$0.0428 \$0.4929		
COM/IND HIGH WINTER USE COST OF GAS RATE - 05/01/21 10/01/21	COGwh		<del>\$0.4733</del>	\$0.5719	per therm
	Maximum (COG+25%)			\$0.5916	
INITIAL COM/IND HIGH WINTER USE COST OF GAS RATE - 05/01/21 CHANGE IN PER UNIT COST REVISED COM/IND HIGH WINTER USE COST OF GAS RATE - 05/01/21 CHANGE IN PER UNIT COST REVISED COM/IND HIGH WINTER USE COST OF GAS RATE - 10/01/21			\$0.4733 \$0.0558 \$0.5291 \$0.0428 \$0.5719		
Issued: April 22 , 2021 September 23, 2021		Issued By:		ert B. Hevert	<del> </del>
Effective Date: MayOctober 1, 2021 Authorized by NHPUC Order No. 26,420 in Docket No. DG 20-154, dated Octob	per 30, 2020		Senior	Vice Presiden	τ

#### NORTHERN UTILITIES - NEW HAMPSHIRE DIVISION SUMMER-SEASON RESIDENTIAL RATES

	Summer Season May 2021 - October 2021	Tariff Rates		Total Delivery Rates (Includes LDAC)		Total Billed Rates Tariff Rates, LDAC Plus Cost of Gas	
Residential Heating	Tariff Rate R 5:  Monthly Customer Charge First 50 therms All usage over 50 therms LDAC Gas Cost Adjustment: Cost of Gas	\$22.20 \$0.6099 \$0.6099 \$0.1099	\$0.5398	\$0.7198 \$0.7198	\$22.20	\$1.2168 \$1.2168	\$22.20 <u>\$1.2596</u> <u>\$1.2596</u>
	T- : (CD 1) D 10	 1		1			
Residential Heating Low income  No Discount* No Discount* No Discount*	Tariff Rate R 10:  Monthly Customer Charge First 50 therms All usage over 50 therms LDAC Gas Cost Adjustment: Cost of Gas  Monthly Customer Charge First 50 therms All usage over 50 therms LDAC	\$22.20 \$0.6099 \$0.6099 \$0.1099 \$0.4970 \$0.000 \$0.0000 \$0.0000 \$0.0000	<u>\$0.5398</u>	\$0.7198 \$0.7198 \$0.0000 \$0.0000	\$22.20 \$0.00	\$1.2168 \$1.2168 \$0.0000 \$0.0000	\$22.20 <u>\$1.2596</u> <u>\$1.2596</u>
No Discount*	Gas Cost Adjustment: Cost of Gas	\$0.0000					
		 φυ.υυυ					
Residential Non-Heating	Tariff Rate R 6: Monthly Customer Charge First 10 therms All usage over 10 therms LDAC Gas Cost Adjustment: Cost of Gas	\$22.20 \$0.6470 \$0.6470 \$0.1099	\$0.5398	\$0.7569 \$0.7569	\$22.20	\$ <del>1.2539</del> \$ <del>1.2539</del>	\$22.20 <u>\$1.2967</u> <u>\$1.2967</u>

<sup>\*:</sup> Discount applicable to winter months November through April only.

Issued: April 22, <u>2024September 23, 2021</u>
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Issued by:

Robert B. Hevert Senior Vice President

# NORTHERN UTILITIES - NEW HAMPSHIRE DIVISION SUMMER SEASON C&I RATES

	Summer Season May 2021 - October 2021	May 2021 - October 2021 Tariff Rates		Total Billed Rates Tariff Rates, LDAC Plus Cost of Gas	
C&I Low Annual/High Winter	Tariff Rate G 40:  Monthly Customer Charge First 75 therms All usage over 75 therms LDAC Gas Cost Adjustment: Cost of Gas	\$75.09 \$0.1865 \$0.1865 \$0.0472 \$0.5294 \$0.5719	\$75.09 \$0.2337 \$0.2337	\$75.09 \$0.7628 \$0.8056 \$0.7628 \$0.8056	
C&I Low Annual/Low Winter	Tariff Rate G 50:				
L&I LOW Annual/Low Winter	Monthly Customer Charge First 75 therms All usage over 75 therms LDAC Gas Cost Adjustment: Cost of Gas	\$75.09 \$0.1865 \$0.1865 \$0.0472 \$0.4501 \$0.4929	\$75.09 \$0.2337 \$0.2337	\$75.09 \$0.6838 \$0.6838 \$0.7266	
C&I Medium Annual/High Winter	Tariff Rate G 41:				
	Monthly Customer Charge	\$222.64	\$222.64	\$222.64	
	All usage LDAC Gas Cost Adjustment: Cost of Gas	\$0.1895 \$0.0472 \$0.5291 \$0.5719	\$0.2367	\$0.7658 \$0.8086	
C&I Medium Annual/Low Winter	Tariff Rate G 51: Monthly Customer Charge First 1,000 therms All usage over 1,000 therms LDAC Gas Cost Adjustment:	\$222.64 \$0.1337 \$0.1087 \$0.0472	\$222.64 \$0.1809 \$0.1559	\$222.64 \$0.6310 \$0.6738 \$0.6060 \$0.6488	
	Cost of Gas	\$ <del>0.4501</del> \$0.4929			
C&I High Annual/High Winter	Tariff Rate G 42:  Monthly Customer Charge	\$1,335.81	\$1,335.81	\$1,335.81	
	All usage LDAC Gas Cost Adjustment: Cost of Gas	\$0.1206 \$0.0472 \$0.5719	\$0.1678	\$0.6969 <u>\$0.7397</u>	
C&I High Annual/Low Winter	Tariff Rate G 52: Monthly Customer Charge	\$1,335.81	\$1,335.81	\$1,335.81	
	All usage LDAC	\$0.0792 \$0.0472	\$0.1264	<del>\$0.5765</del> <u>\$0.6193</u>	
	Gas Cost Adjustment: Cost of Gas	\$ <del>0.4501</del> \$0.4929			

 Issued: April 22, 2021 September 23, 2021
 Issued by:
 Robert B. Hevert

 Effective Date: May October 1, 2021
 Title:
 Senior Vice President

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