#### N.H.P.U.C No. 12 NORTHERN UTILITIES, INC.

Ninth Revised Page No. 43 Superseding Eighth Revised Page No. 43

#### 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	\$3,341,119		
Projected Prorated Sales (05/01/21 - 10/31/21) Direct Cost of Gas Rate	8,061,210	\$0.4145	per therm
		ψ0.+1+5	per trenti
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		
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		

COGwr	\$0.4970 per therm
Maximum (COG+25%)	\$0.5515
	\$0.4412
	\$0.0558
	\$0.4970

COM/IND LOW WINTER USE COST OF GAS RATE - 05/01/21	COGwl	\$0.4501	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 REVISED COM/IND LOW WINTER USE COST OF GAS RATE - 05/01/21		\$0.0558 \$0.4501	

COM/IND HIGH WINTER USE COST OF GAS RATE - 05/01/21	COGwh	\$0.5291	per therm
	Maximum (COG+25%)	\$0.5916	
INITIAL COM/IND HIGH WINTER USE COST OF GAS RATE - 05/01/21		\$0.4733	
CHANGE IN PER UNIT COST		\$0.0558	
REVISED COM/IND HIGH WINTER USE COST OF GAS RATE - 05/01/21		\$0.5291	

Issued: April 22, 2021 Effective Date: May 1, 2021 Authorized by NHPUC Order No. 26,420 in Docket No. DG 20-154 , dated October 30, 2020

Issued By: Robert B. Hevert Senior Vice President

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

	Summer Season		Total	Total Billed	d Rates
	May 2021 - October 2021	Tariff	Delivery Rates	Tariff Rates	s, 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	\$1.2168	
	All usage over 50 therms	\$0.6099	\$0.7198	\$1.2168	
	LDAC	\$0.1099			
	Gas Cost Adjustment:				
	Cost of Gas	\$0.4970			
Residential Heating	Tariff Rate R 10:				
Low Income	Monthly Customer Charge	\$22.20	\$22.20		\$22.20
	First 50 therms	\$0.6099	\$0.7198	\$1.2168	<i><b>\\\\\\\\\\\\\</b></i>
	All usage over 50 therms	\$0.6099	\$0.7198	\$1.2168	
	LDAC	\$0.1099	<i>w</i> 0.7 100	ψ1.2100	
	Gas Cost Adjustment:	<i><b>Q</b></i> <b>0</b> .1000			
	Cost of Gas	\$0.4970			
		ψ0.4070			
No Discount*	Monthly Customer Charge	\$0.00	\$0.00		\$0.00
No Discount*	First 50 therms	\$0.0000	\$0.0000	\$0.0000	
No Discount*	All usage over 50 therms	\$0.0000	\$0.0000	\$0.0000	
No Discount	LDAC	\$0.0000			
	Gas Cost Adjustment:				
No Discount*	Cost of Gas	\$0.0000			
Residential Non-Heating	Tariff Rate R 6:				
5	Monthly Customer Charge	\$22.20	\$22.20		\$22.20
	First 10 therms	\$0.6470	\$0.7569	\$1.2539	, -
	All usage over 10 therms	\$0.6470	\$0.7569	\$1.2539	
	LDAC	\$0.1099	,		
	Gas Cost Adjustment:	, <b>.</b>			
	Cost of Gas	\$0.4970			

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

Issued: April 22, 2021Issued by:RobertEffective: With Service Rendered On and After May 1, 2021Title:Senior VAuthorized by NHPUC Order No. 26,420 in Docket No. DG 20-154, dated October 30, 2020Senior V

Robert B. Hevert Senior Vice President

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

C&I Low Annual/High Winter         Tariff Rate G 40: Monthly Customer Charge         \$75.09         \$75.09         \$75.09         \$75.09         \$0.7628           I usage over 75 therms LDAC         Gas Cost Adjustment: Cost of Gas         \$0.1865         \$0.4865         \$0.2337         \$0.7628         \$0.7628           C&I Low Annual/Low Winter         Tariff Rate G 50: Monthly Customer Charge         \$75.09         \$75.09         \$0.7628         \$0.7628           C&I Low Annual/Low Winter         Tariff Rate G 50: Monthly Customer Charge         \$0.1865         \$0.2337         \$0.6838         \$0.6838           C&I Low Annual/Low Winter         Tariff Rate G 41: Cost of Gas         \$0.1865         \$0.2337         \$0.6838         \$0.6838           C&I Medium Annual/High Winter         Tariff Rate G 41: Cost of Gas         \$0.4501         \$0.2367         \$0.6838         \$0.6838           C&I Medium Annual/Low Winter         Tariff Rate G 41: Monthly Customer Charge         \$222.64         \$0.2367         \$0.6830         \$0.6830           C&I Medium Annual/Low Winter         Tariff Rate G 51: Cost of Gas         \$0.1805         \$0.2367         \$0.6600         \$0.6600           C&I Medium Annual/Low Winter         Tariff Rate G 51: Cost of Gas         \$0.1087         \$0.1807         \$0.6000         \$0.6000         \$0.6000         \$0.6000		Summer Season May 2021 - October 2021	Tariff Rates	Total Delivery Rates (Includes LDAC)	Total Billed Rates Tariff Rates, LDAC Plus Cost of Gas
Monthly Customer Charge         \$75.09         \$75.09         \$75.09         \$75.09         \$75.09         \$0.7628         \$0.7638         \$0.7638         \$0.6838         \$0.7638         \$0.6838	C&I Low Annual/High Winter	Tariff Rate G 40:		(	
All usage over 75 therms LDAC Gas Cost Adjustment: Cost of Gas         \$0.1865 \$0.0472 \$0.5291         \$0.2337         \$0.7628           C&I Low Annual/Low Winter         Tariff Rate G 50: Monthly Customer Charge First 75 therms All usage over 75 therms LDAC Gas Cost Adjustment: Cost of Gas         \$75.09 \$0.1865         \$75.09 \$0.2337         \$75.09 \$0.6838         \$0.6838 \$0.6838         \$75.09 \$0.2337         \$0.6838 \$0.6838           C&I Medium Annual/High Winter         Tariff Rate G 41: Monthly Customer Charge LDAC Gas Cost Adjustment: Cost of Gas         \$0.2367         \$0.2367         \$0.6838           C&I Medium Annual/Low Winter         Tariff Rate G 41: Monthly Customer Charge First 1,000 therms         \$0.4501         \$0.2367         \$0.6838           C&I Medium Annual/Low Winter         Tariff Rate G 51: Monthly Customer Charge First 1,000 therms         \$0.1805         \$0.1809         \$0.6310           C&I Medium Annual/Low Winter         Tariff Rate G 42: Monthly Customer Charge First 1,000 therms         \$0.0472         \$0.1809         \$0.6000           C&I High Annual/High Winter         Tariff Rate G 42: Monthly Customer Charge LDAC         \$1,335.81         \$1,335.81         \$0.6969           C&I High Annual/Low Winter         Tariff Rate G 52: Monthly Customer Charge LDAC         \$1,335.81         \$1,335.81         \$1,335.81         \$0.1678           C&I High Annual/Low Winter         Tariff Rate G 52: Monthly Customer Charge LDAC <td< td=""><td></td><td></td><td>\$75.09</td><td>\$75.09</td><td>\$75.09</td></td<>			\$75.09	\$75.09	\$75.09
LDAC Gas Cost Adjustment: Cost of Gas         \$0.0472 \$0.5291         \$0.95291           C&I Low Annual/Low Winter         Tariff Rate G 50: Monthly Customer Charge First 75 therms         \$75.09 \$0.1865         \$75.09 \$0.2337         \$0.6838           All usage over 75 therms LDAC Gas Cost Adjustment: Cost of Gas         \$0.4865         \$0.2337         \$0.6838           C&I Medium Annual/High Winter         Tariff Rate G 41: Monthly Customer Charge All usage         \$0.4501         \$0.2367         \$0.6838           C&I Medium Annual/High Winter         Tariff Rate G 41: Monthly Customer Charge First 1,000 therms         \$0.4501         \$0.222.64         \$0.2367         \$0.7658           C&I Medium Annual/Low Winter         Tariff Rate G 51: Monthly Customer Charge First 1,000 therms         \$0.5291         \$0.1809         \$0.6800           C&I Medium Annual/Low Winter         Tariff Rate G 51: Monthly Customer Charge First 1,000 therms         \$0.1087         \$0.1809         \$0.6060           C&I High Annual/High Winter         Tariff Rate G 42: Monthly Customer Charge LDAC         \$1,335.81         \$1,335.81         \$1,335.81         \$0.1678           C&I High Annual/Low Winter         Tariff Rate G 52: Monthly Customer Charge LDAC         \$0.0472         \$1,335.81         \$1,335.81         \$1,335.81         \$1,335.81           C&I High Annual/Low Winter         Tariff Rate G 52: Monthly Customer Charge LDAC		First 75 therms	\$0.1865	\$0.2337	\$0.7628
LDAC Gas Cost Adjustment: Cost of Gas         \$0.0472 \$0.5291         \$0.4872 \$0.5291           C&I Low Annual/Low Winter         Tariff Rate G 50: Monthly Customer Charge First 75 therms         \$75.09 \$0.1865 \$0.2337         \$75.09 \$0.2337         \$0.6838 \$0.6838           All usage over 75 therms LDAC Gas Cost Adjustment: Cost of Gas         \$0.4865 \$0.0472         \$0.2337         \$0.6838           C&I Medium Annual/High Winter         Tariff Rate G 41: Monthly Customer Charge All usage         \$0.4501         \$0.2367         \$0.6838           C&I Medium Annual/High Winter         Tariff Rate G 41: Monthly Customer Charge First 1.000 therms         \$0.4501         \$0.2367         \$0.6838           C&I Medium Annual/Low Winter         Tariff Rate G 51: Monthly Customer Charge First 1.000 therms         \$0.1337 \$0.1337         \$0.1809 \$0.1559         \$0.6310           C&I Medium Annual/Low Winter         Tariff Rate G 51: Monthly Customer Charge First 1.000 therms         \$0.4501         \$0.1809 \$0.1559         \$0.6060           C&I Migh Annual/High Winter         Tariff Rate G 42: Monthly Customer Charge LDAC         \$1.335.81 \$0.1206         \$1.335.81 \$0.1678         \$1.335.81 \$0.1678         \$1.335.81 \$0.6969         \$1.335.81 \$0.6969         \$1.335.81 \$0.1678         \$1.335.81 \$0.6969         \$1.335.81 \$0.1678         \$1.335.81 \$0.6969         \$1.335.81 \$0.1678         \$1.335.81 \$0.1678         \$1.335.81 \$0.1676         \$1.335.81 \$0.1676         \$1.335		All usage over 75 therms	\$0.1865	\$0.2337	\$0.7628
Cost of Gas         \$0.5291           C&I Low Annual/Low Winter         Tariff Rate G 50: Monthly Customer Charge First 75 therms         \$75.09         \$75.09         \$0.2337         \$0.6838         \$0.2337         \$0.6838         \$0.50337         \$0.6838         \$0.50337         \$0.6838         \$0.2337         \$0.6838         \$0.2337         \$0.6838         \$0.2337         \$0.6838         \$0.6838         \$0.6838         \$0.2337         \$0.6838         \$0.6838         \$0.6838         \$0.6838         \$0.6838         \$0.2337         \$0.6838         \$0.7658         \$222.64         \$0.2367         \$0.6765         \$0.7658         \$0.7658         \$0.7658         \$0.6310         \$0.6310         \$0.6310         \$0.6310         \$0.6310		-	\$0.0472		
C&I Low Annual/Low Winter         Tariff Rate G 50: Monthly Customer Charge         \$75.09         \$75.09         \$0.2337         \$0.6838         \$0.6366         \$0.222.64         \$0.22367         \$0.6310         \$0.6310         \$0.6310         \$0.6310         \$0.6310         \$0.6310         \$0.6310         \$0.6310         \$0.6310		Gas Cost Adjustment:			
Monthly Customer Charge         \$75.09         \$75.09         \$75.09         \$75.09         \$75.09         \$75.09         \$75.09         \$75.09         \$75.09         \$75.09         \$75.09         \$75.09         \$75.09         \$75.09         \$75.09         \$75.09         \$75.09         \$75.09         \$0.6838         \$0.6338         \$0.6338         \$0.6338         \$0.6338         \$0.6338         \$0.6338         \$0.6338         \$0.6338         \$0.6338         \$0.6338         \$0.6338         \$0.6338		Cost of Gas	\$0.5291		
First 75 therms       \$0.1865       \$0.2337       \$0.6838         All usage over 75 therms       \$0.1865       \$0.1865       \$0.2337       \$0.6838         LDAC       Gas Cost Adjustment:       Cost of Gas       \$0.4501       \$0.6838       \$0.6838         C84 Medium Annual/High Winter       Tariff Rate G 41:       \$0.4501       \$0.4501       \$0.7658       \$222.64       \$0.7658       \$0.7658       \$222.64       \$0.7658       \$0.7658       \$222.64       \$0.7658       \$0.7658       \$222.64       \$0.7658       \$0.7658       \$222.64       \$0.7658       \$0.7658       \$222.64       \$0.7658       \$0.7658       \$222.64       \$0.7658       \$0.7658       \$222.64       \$0.7658       \$0.7658       \$222.64       \$0.7658       \$0.7658       \$222.64       \$0.7658       \$0.7658       \$222.64       \$0.7658       \$0.7658       \$222.64       \$0.7658       \$0.7658       \$222.64       \$0.7658       \$0.6310       \$0.6060       \$0.6310       \$0.6060       \$0.6060       \$0.6310       \$0.6310       \$0.6060       \$0.6310       \$0.6060       \$0.6310       \$0.6060       \$0.6310       \$0.6060       \$0.6310       \$0.6060       \$0.6060       \$0.6060       \$0.6060       \$0.6060       \$0.6060       \$0.6060       \$0.6060       \$0.6060       \$	C&I Low Annual/Low Winter	Tariff Rate G 50:			
All usage over 75 therms         \$0.1865         \$0.2337         \$0.6838           LDAC         Gas Cost Adjustment:         Cost of Gas         \$0.4501         \$0.4501           C&I Medium Annual/High Winter         Tariff Rate G 41: Monthly Customer Charge All usage         \$222.64         \$222.64         \$0.7658         \$222.64           So .65291         \$0.6838         \$0.7658         \$0.7658         \$222.64         \$0.7658         \$0.7658         \$222.64         \$0.7658         \$0.7658         \$222.64         \$0.2367         \$0.7658         \$222.64         \$0.7658         \$222.64         \$0.7658         \$222.64         \$0.6310         \$0.7658         \$222.64         \$0.6310         \$0.6801         \$222.64         \$0.6310         \$0.6600         \$0.6310         \$0.6310         \$0.6310         \$0.6600         \$0.6310         \$0.6600         \$0.6310         \$0.6060         \$0.6310         \$0.6060         \$0.6310         \$0.6060         \$0.6310         \$0.6060         \$0.6310         \$0.6060         \$0.6310         \$0.6060         \$0.6310         \$0.6060         \$0.6310         \$0.6060         \$0.6310         \$0.6060         \$0.6310         \$0.6060         \$0.6310         \$0.6060         \$0.6310         \$0.6060         \$0.6310         \$0.6060         \$0.6310         \$0.6060		Monthly Customer Charge	\$75.09	\$75.09	\$75.09
LDAC         \$0.0472         \$0.4501           C&I Medium Annual/High Winter         Tariff Rate G 41: Monthly Customer Charge         \$0.4501         \$0.222.64         \$222.64         \$222.64         \$0.7658         \$22           All usage         LDAC         \$0.0472         \$0.1895         \$0.2367         \$0.7658         \$22           C&I Medium Annual/Low Winter         Tariff Rate G 51: Monthly Customer Charge         \$0.5291         \$0.1895         \$0.6310         \$0.6600           C&I Medium Annual/Low Winter         Tariff Rate G 51: Monthly Customer Charge         \$0.1337         \$0.1809         \$0.6310         \$0.6060           C&I Medium Annual/Low Winter         Tariff Rate G 51: Monthly Customer Charge         \$0.1087         \$0.1809         \$0.6060         \$0.6060           C&I Medium Annual/Low Winter         Tariff Rate G 42: Monthly Customer Charge         \$0.4501         \$0.6060		First 75 therms	\$0.1865	\$0.2337	\$0.6838
LDAC         \$0.0472         \$0.4501           C&I Medium Annual/High Winter         Tariff Rate G 41: Monthly Customer Charge         \$0.4501         \$0.222.64         \$222.64         \$222.64         \$0.7658         \$22           All usage         LDAC         \$0.0472         \$0.1895         \$0.2367         \$0.7658         \$22           C&I Medium Annual/Low Winter         Tariff Rate G 51: Monthly Customer Charge         \$0.5291         \$0.1895         \$0.6310         \$0.6600           C&I Medium Annual/Low Winter         Tariff Rate G 51: Monthly Customer Charge         \$0.1337         \$0.1809         \$0.6310         \$0.6060           C&I Medium Annual/Low Winter         Tariff Rate G 51: Monthly Customer Charge         \$0.1087         \$0.1809         \$0.6060         \$0.6060           C&I Medium Annual/Low Winter         Tariff Rate G 42: Monthly Customer Charge         \$0.4501         \$0.6060		All usage over 75 therms	\$0,1865	\$0.2337	\$0.6838
Gas Cost Adjustment: Cost of Gas         \$0.4501           C&I Medium Annual/High Winter         Tariff Rate G 41: Monthly Customer Charge All usage LDAC Gas Cost Adjustment: Cost of Gas         \$222.64 \$0.1895 \$0.0472         \$222.64 \$0.2367         \$222.64 \$0.7658         \$222.64 \$0.7658         \$222.64 \$0.7658         \$222.64 \$0.5291         \$222.64 \$0.5291         \$222.64 \$0.5291         \$222.64 \$0.6310         \$222.64 \$0.6310         \$222.64 \$0.6310         \$222.64 \$0.6310         \$222.64 \$0.6060         \$222.64 \$0.6310         \$222.64 \$0.6060         \$222.64 \$0.6060         \$222.64 \$0.6310         \$222.64 \$0.6310         \$222.64 \$0.6310         \$222.64 \$0.6310         \$0.6060         \$222.64 \$0.6060         \$0.6060         \$222.64 \$0.6060         \$222.64 \$0.6060         \$0.6060         \$222.64 \$0.6060         \$0.6060         \$222.64 \$0.6060         \$0.6060         \$222.64 \$0.6060         \$222.64 \$0.6060         \$0.6060         \$0.6060         \$0.6060         \$0.6060         \$222.64 \$0.6060         \$0.6060         \$222.64 \$0.6060         \$0.6060         \$0.6060         \$0.6060         \$0.6060         \$0.6060         \$0.6060         \$0.6060         \$0.6060         \$0.6060		•			
C&I Medium Annual/High Winter         Tariff Rate G 41: Monthly Customer Charge All usage         \$222.64 \$0.1895         \$222.64 \$0.2367         \$222.64           C&I Medium Annual/Low Winter         Tariff Rate G 51: Monthly Customer Charge First 1,000 therms LDAC Gas Cost Adjustment: Cost of Gas         \$0.5291         \$0.1807         \$0.6310           C&I Medium Annual/Low Winter         Tariff Rate G 51: Monthly Customer Charge First 1,000 therms LDAC Gas Cost Adjustment: Cost of Gas         \$222.64         \$222.64         \$222.64         \$222.64         \$220.64         \$222.64         \$222.64         \$222.64         \$222.64         \$222.64         \$222.64         \$222.64         \$222.64         \$222.64         \$222.64         \$222.64         \$222.64         \$0.6310         \$0.6310         \$0.6310         \$0.6310         \$0.6310         \$0.6310         \$0.6310         \$0.6310         \$0.6310         \$0.6310         \$0.6310         \$0.6310         \$0.6060         \$0.6			,		
Monthly Customer Charge All usage         \$222.64 \$0.1895         \$222.64 \$0.1895         \$222.64 \$0.2367         \$222.64 \$0.7658         \$222.64 \$0.7658         \$222.64 \$0.7658         \$222.64 \$0.7658         \$222.64 \$0.5291         \$222.64 \$0.5291         \$222.64 \$0.1337         \$222.64 \$0.6310         \$222.64 \$0.6310         \$222.64 \$0.6310         \$222.64 \$0.6060         \$222.64 \$0.1337         \$0.1809 \$0.6060         \$0.6310 \$0.6060           C&I Medium Annual/Low Winter         Tariff Rate G 51: Monthly Customer Charge LDAC Gas Cost Adjustment: Cost of Gas         \$0.4501         \$0.1559         \$0.6060         \$0.6060           C&I High Annual/High Winter         Tariff Rate G 42: Monthly Customer Charge LDAC Gas Cost Adjustment: Cost of Gas         \$1,335.81 \$0.1206         \$1,335.81 \$0.1678         \$1,335.81 \$0.6969         \$1,335.81 \$0.6969         \$1,335.81 \$0.1678         \$1,335.81 \$0.5291         \$1,335.81 \$0.1678         \$1,335.81 \$0.5969         \$1,335.81 \$0.5291         \$1,335.81 \$0.1678         \$1,335.81 \$0.5969         \$1,335.81 \$0.5291         \$1,335.81 \$0.1678         \$1,335.81 \$0.5765         \$1,335.81 \$0.1264         \$1,335.81 \$0.5765         \$1,335.8		Cost of Gas	\$0.4501		
Monthly Customer Charge All usage         \$222.64 \$0.1895         \$222.64 \$0.1895         \$222.64 \$0.2367         \$222.64 \$0.7658         \$222.64 \$0.7658         \$222.64 \$0.7658         \$222.64 \$0.7658         \$222.64 \$0.6310         \$222.64 \$0.1337         \$0.1809 \$0.6310         \$222.64 \$0.6310         \$222.64 \$0.1337         \$0.1809 \$0.1087         \$0.6310 \$0.6060         \$222.64 \$0.6310         \$0.1809 \$0.6060         \$0.6310 \$0.6060           C&I Medium Annual/Low Winter         Tariff Rate G 51: Monthly Customer Charge First 1,000 therms LDAC Gas Cost Adjustment: Cost of Gas         \$0.4501         \$0.1559         \$0.6060           C&I High Annual/High Winter         Tariff Rate G 42: Monthly Customer Charge LDAC Gas Cost Adjustment: Cost of Gas         \$1,335.81 \$0.1206         \$1,335.81 \$0.1678         \$1,335.81 \$0.1678         \$1,335.81 \$0.6969         \$1,335.81 \$0.1678         \$1,335.81 \$0.5291         \$1,335.81 \$0.1678         \$1,335.81 \$0.5291         \$1,335.81 \$0.1678         \$1,335.81 \$0.5291         \$1,335.81 \$0.1678         \$1,335.81 \$0.5291         \$1,335.81 \$0.1678         \$1,335.81 \$0.5765         \$1,335.81 \$0.1264         \$1,335.81 \$0.5765         \$1,335.81 \$0.5	C&I Medium Annual/High Winter	Tariff Rate G 41:			
LDAC Gas Cost Adjustment: Cost of Gas         \$0.0472 \$0.5291         \$0.0472 \$0.5291           C&I Medium Annual/Low Winter         Tariff Rate G 51: Monthly Customer Charge First 1,000 therms         \$0.5291         \$222.64 \$222.64         \$222.64 \$0.1337         \$0.1809 \$0.6310         \$0.6310           All usage over 1,000 therms LDAC Gas Cost Adjustment: Cost of Gas         \$0.0472         \$0.1559         \$0.6660           C&I High Annual/High Winter         Tariff Rate G 42: Monthly Customer Charge All usage         \$0.4501         \$0.1678         \$0.6969           C&I High Annual/High Winter         Tariff Rate G 52: Cost of Gas         \$0.0472         \$0.1678         \$0.6969           C&I High Annual/Low Winter         Tariff Rate G 52: Monthly Customer Charge All usage LDAC         \$0.5291         \$1,335.81         \$1,335.81 \$0.1264         \$1,335.81 \$0.5765           C&I High Annual/Low Winter         Tariff Rate G 52: Monthly Customer Charge All usage LDAC         \$0.0792 \$0.0792         \$0.1264         \$0.5765			\$222.64	\$222.64	\$222.64
LDAC         \$0.0472         \$0.5291           C&I Medium Annual/Low Winter         Tariff Rate G 51: Monthly Customer Charge First 1,000 therms         \$0.5291         \$222.64         \$20.60         \$20.6060         \$20.6060         \$20.6060         \$20.6060         \$20.6060         \$20.6060         \$20.6060         \$20.6060         \$20.6060         \$20.6060         \$20.6060         \$20.6060         \$20.6060         \$20.6060         \$20.6060         \$20.6060         \$20.6060         \$20.6060         \$20.6060			\$0.1895	\$0.2367	\$0.7658
Cost of Gas         \$0.5291           C&I Medium Annual/Low Winter         Tariff Rate G 51: Monthly Customer Charge First 1,000 therms         \$0.1337         \$0.1809         \$0.6310           All usage over 1,000 therms         \$0.1087         \$0.1559         \$0.6060           LDAC         \$0.4501         \$0.6060           C&I High Annual/High Winter         Tariff Rate G 42: Monthly Customer Charge         \$1,335.81         \$1,335.81           All usage         \$0.1206         \$0.1678         \$0.6969           C&I High Annual/High Winter         Tariff Rate G 52: Cass Cost Adjustment: Cost of Gas         \$0.0472         \$0.1678           LDAC         \$0.0472         \$0.1678         \$0.6969           LDAC         \$0.0472         \$0.1678         \$0.6969           C&I High Annual/Low Winter         Tariff Rate G 52: Cass Cost Adjustment: Cost of Gas         \$0.5291         \$1.335.81         \$1,		-	\$0.0472		
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: Cost of Gas         \$222.64 \$0.1337 \$0.1809 \$0.1559         \$222.64 \$0.6310 \$0.6060           C&I High Annual/High Winter         Tariff Rate G 42: Monthly Customer Charge All usage LDAC Gas Cost Adjustment: Cost of Gas         \$1,335.81 \$0.1206 \$0.0472         \$1,335.81 \$0.6969         \$1,335.81 \$0.5765         \$1,335.81 \$0.5765		Gas Cost Adjustment:			
Monthly Customer Charge       \$222.64       \$22.64       \$26.69       \$1.33.58.1		Cost of Gas	\$0.5291		
First 1,000 therms       \$0.1337       \$0.1809       \$0.6310         All usage over 1,000 therms       \$0.1087       \$0.1559       \$0.6060         LDAC       \$0.4501       \$0.6060       \$0.6060         Cost of Gas       \$0.4501       \$0.1087       \$0.1357         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       \$0.6969       \$1,335         LDAC       \$0.0472       \$0.1678       \$0.6969         LDAC       \$0.0472       \$0.1678       \$0.6969         LDAC       \$0.5291       \$0.1678       \$0.6969         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       \$0.5765       \$0.5765	C&I Medium Annual/Low Winter	Tariff Rate G 51:			
All usage over 1,000 therms       \$0.1087       \$0.1559       \$0.6060         LDAC       Gas Cost Adjustment:       \$0.4501       \$0.4501       \$0.6060         C&I High Annual/High Winter       Tariff Rate G 42:       \$1,335.81       \$1,335.81       \$1,335.81       \$1,335.81         All usage       Monthly Customer Charge       \$0.1206       \$0.1678       \$0.6969       \$1,33         LDAC       Gas Cost Adjustment:       Cost of Gas       \$0.5291       \$0.6969       \$1,33         C&I High Annual/Low Winter       Tariff Rate G 52:       \$0.5291       \$1,335.81       \$1,335.81         C&I High Annual/Low Winter       Tariff Rate G 52:       \$0.0792       \$0.1264       \$0.5765         Monthly Customer Charge       All usage       \$0.0792       \$0.1264       \$0.5765		Monthly Customer Charge	\$222.64	\$222.64	\$222.64
LDAC         \$0.0472           Gas Cost Adjustment:         \$0.4501           Cost of Gas         \$0.4501           C&I High Annual/High Winter         Tariff Rate G 42:           Monthly Customer Charge         \$1,335.81           All usage         \$0.1206           LDAC         \$0.0472           Gas Cost Adjustment:         \$0.1206           Cost of Gas         \$0.6969           LDAC         \$0.0472           Gas Cost Adjustment:         \$0.5291           Cost of Gas         \$0.5291           C&I High Annual/Low Winter         Tariff Rate G 52:           Monthly Customer Charge         \$1,335.81           All usage         \$0.0792           All usage         \$0.0792           LDAC         \$0.0472           Monthly Customer Charge         \$1,335.81           All usage         \$0.0792           LDAC         \$0.0792           LDAC         \$0.0472		First 1,000 therms	\$0.1337	\$0.1809	\$0.6310
LDAC         \$0.0472           Gas Cost Adjustment:         \$0.4501           Cost of Gas         \$0.4501           C&I High Annual/High Winter         Tariff Rate G 42:           Monthly Customer Charge         \$1,335.81           All usage         \$0.1206           LDAC         \$0.0472           Gas Cost Adjustment:         \$0.1206           Cost of Gas         \$0.6969           LDAC         \$0.0472           Gas Cost Adjustment:         \$0.5291           Cost of Gas         \$1,335.81           XI High Annual/Low Winter         Tariff Rate G 52:           Monthly Customer Charge         \$1,335.81           All usage         \$0.0792           All usage         \$0.0792           All usage         \$0.0472           Monthly Customer Charge         \$1,335.81           All usage         \$0.0792           LDAC         \$0.0472		All usage over 1,000 therms	\$0.1087	\$0.1559	\$0.6060
Gas Cost Adjustment:         Solution         Solution<		-	\$0.0472		
C&I High Annual/High Winter         Tariff Rate G 42: Monthly Customer Charge         \$1,335.81         \$1		Gas Cost Adjustment:	,		
Monthly Customer Charge       \$1,335.81       \$1,335.81       \$1,335.81       \$1,335.81         All usage       \$0.1206       \$0.1678       \$0.6969         LDAC       \$0.0472       \$0.0472       \$0.6969         Gas Cost Adjustment:       \$0.5291       \$0.5291       \$1,335.81         C&I High Annual/Low Winter       Tariff Rate G 52:       \$1,335.81       \$1,335.81         Monthly Customer Charge       \$1,335.81       \$1,335.81       \$1,335.81         All usage       \$0.0792       \$0.1264       \$0.5765         LDAC       \$0.0472       \$0.0472       \$0.5765		Cost of Gas	\$0.4501		
Monthly Customer Charge       \$1,335.81       \$1,335.81       \$1,335.81       \$1,335.81         All usage       \$0.1206       \$0.1678       \$0.6969         LDAC       \$0.0472       \$0.0472       \$0.6969         Gas Cost Adjustment:       \$0.5291       \$0.5291       \$1,335.81         C&I High Annual/Low Winter       Tariff Rate G 52:       \$1,335.81       \$1,335.81         Monthly Customer Charge       \$1,335.81       \$1,335.81       \$1,335.81         All usage       \$0.0792       \$0.1264       \$0.5765         LDAC       \$0.0472       \$0.0472       \$0.5765	C&I High Annual/High Winter	Tariff Rate G 42			
All usage       \$0.1206       \$0.1678       \$0.6969         LDAC       \$0.0472       \$0.0472       \$0.5291         Cost of Gas       \$0.5291       \$0.5291       \$1,335.81         C&I High Annual/Low Winter       Tariff Rate G 52: Monthly Customer Charge       \$1,335.81       \$1,335.81         All usage       \$0.0792       \$0.1264       \$0.5765         LDAC       \$0.0472       \$0.0472			\$1.335.81	\$1.335.81	\$1,335.81
LDAC Gas Cost Adjustment: Cost of Gas         \$0.0472           C&I High Annual/Low Winter         Tariff Rate G 52: Monthly Customer Charge All usage LDAC         \$1,335.81 \$0.0792         \$1,335.81 \$0.1264		, ,			
Gas Cost Adjustment: Cost of Gas         \$0.5291           C&I High Annual/Low Winter         Tariff Rate G 52: Monthly Customer Charge All usage LDAC         \$1,335.81 \$0.0792 \$0.0472         \$1,335.81 \$0.1264         \$1,335.81 \$0.5765		Ū.	• • • • •		+
Cost of Gas         \$0.5291           C&I High Annual/Low Winter         Tariff Rate G 52: Monthly Customer Charge All usage         \$1,335.81         \$			ψ0.0472		
C&I High Annual/Low Winter         Tariff Rate G 52: Monthly Customer Charge         \$1,335.81         \$1,		•	\$0.5291		
Monthly Customer Charge         \$1,335.81         \$1,335.81         \$1,33           All usage         \$0.0792         \$0.1264         \$0.5765           LDAC         \$0.0472         \$0.1264         \$0.5765			+		
All usage \$0.0792 \$0.1264 \$0.5765 LDAC \$0.0472	C&I High Annual/Low Winter		\$1 225 91	¢1 225 04	\$1,335.81
LDAC \$0.0472					
				<b>φU.1204</b>	<b>σ01σ</b> .0φ
			\$0.0472		
Gas Cost Adjustment: Cost of Gas \$0.4501		-	\$0.4504		

Issued: April 22, 2021Issued by:Robert B. HevertEffective: With Service Rendered On and After May 1, 2021Title:Senior Vice PresidentAuthorized by NHPUC Order No. 26,420 in Docket No. DG 20-154, dated October 30, 2020Senior Vice President

#### N.H.P.U.C No. 12 NORTHERN UTILITIES, INC.

EighthNinth Revised Page No. 43 Superseding Seventh Eighth Page No. 43

#### 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	\$0.2687	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)	<u>\$450,141</u> 8.061,210 <u>\$0.0558</u>	\$0.4412	per therm

RESIDENTIAL COST OF GAS RATE -05/01/21	COGwr	<del>\$0.4412</del>	<u>\$0.4970</u>	per therm
	Maximum (COG+25%)		\$0.6213	
INITIAL RESIDENTIAL COST OF GAS RATE - 05/01/21		<u>\$0.4412</u>		
CHANGE IN PER UNIT COST		<u>\$0.0558</u>		
REVISED RESIDENTIAL COST OF GAS RATE - 05/01/21		<u>\$0.4970</u>		
COM/IND LOW WINTER USE COST OF GAS RATE - 05/01/21	COGwl	<del>\$0.3943</del>	<u>\$0.4501</u>	per therm
	Maximum (COG+25%)		\$0.5626	
INITIAL COM/IND LOW WINTER USE COST OF GAS RATE - 5/01/20		<u>\$0.3943</u>		
CHANGE IN PER UNIT COST		<u>\$0.0558</u>		
REVISED COM/IND LOW WINTER USE COST OF GAS RATE - 05/01/21		<u>\$0.4501</u>		
COM/IND HIGH WINTER USE COST OF GAS RATE - 05/01/21	COGwh	<del>\$0.4733</del>	<u>\$0.5291</u>	per therm
	Maximum (COG+25%)		\$0.6614	
INITIAL COM/IND HIGH WINTER USE COST OF GAS RATE - 05/01/21		<u>\$0.4733</u>		
CHANGE IN PER UNIT COST		\$0.0558		
REVISED COM/IND HIGH WINTER USE COST OF GAS RATE - 05/01/21		<u>\$0.5291</u>		

Issued: November 4, 2020 April 22, 2021 Effective Date: May 1, 2021 Authorized by NHPUC Order No. 26,420 in Docket No. DG 20-154 , dated October 30, 2020 Issued By: Robert B. Hevert Senior Vice President

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## Tenth Eleventh Revised Page 86 Superseding Ninth Tenth Page 86

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

	Summer Season May 2021 - October 2021	Tar Rate	,		Rates	<u>Total Billed Rates</u> 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 <b>\$0.4412</b>	<u>\$0.4970</u>	\$0.7198 \$0.7198	\$22.20	\$ <del>1.1610</del> \$ <del>1.1610</del>	\$22.20 <u>\$1.2168</u> <u>\$1.2168</u>
Residential Heating Low income	Tariff Rate R 10:Monthly Customer ChargeFirst 50 thermsAll usage over 50 thermsLDACGas Cost Adjustment:Cost of Gas	\$22.20 \$0.6099 \$0.6099 \$0.1099 <b>\$0.4412</b>	<u>\$0.4970</u>	\$0.7198 \$0.7198	\$22.20	\$1.1610 \$1.1610	\$22.20 <u>\$1.2168</u> <u>\$1.2168</u>
No Discount* No Discount* No Discount* No Discount No Discount*	Monthly Customer Charge First 50 therms All usage over 50 therms LDAC Gas Cost Adjustment: Cost of Gas	\$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000			\$0.0000 \$0.0000 \$0.0000		\$0.0000 \$0.0000 \$0.0000
Residential Non-Heating	Tariff Rate R 6: Monthly Customer Charge First 10 therms All usage over 10 therms LDAC <u>Gas Cost Adjustment:</u> Cost of Gas	\$22.20 \$0.6470 \$0.6470 \$0.1099 <b>\$0.4412</b>	<u>\$0.4970</u>	\$0.7569 \$0.7569	\$22.20	\$ <del>1.1981</del> \$ <del>1.1981</del>	\$22.20 <u>\$1.2539</u> <u>\$1.2539</u>

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

Issued: November 4, 2020 April 22, 2021

Effective Date: May 1, 2021 Authorized by NHPUC Order No. 26,420 in Docket No. DG 20-154, dated October 30, 2020

Issued by: Title:

Robert B. Hevert Senior Vice President

# Ninth <u>Tenth</u> Revised Page 88 Superseding <del>Eighth</del> <u>Ninth</u> Page 88

	NORTHERN UTILITIES -	NEW HAMPSI	HIRE DIVIS	SION			
	SUMMER SEA	ASON C&I RATE	ES				
	Summer Season May 2021 - October 2021	Total Tariff Delivery Rates Rates (Includes LDAC)		y Rates	<u>Total Billed Rates</u> 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 <b>\$0.4733</b>	<u>\$0.5291</u>	\$0.2337 \$0.2337	\$75.09	<del>\$0.7070</del> <del>\$0.7070</del>	\$75.09 <u>\$0.7628</u> <u>\$0.7628</u>
C&I Low Annual/Low Winter	Tariff Rate G 50: 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 <b>\$0.3943</b>		\$0.2337 \$0.2337	\$75.09	\$ <del>0.6280</del> \$0.6280	\$75.09 <u>\$0.6838</u> <u>\$0.6838</u>
C&I Medium Annual/High Winter	Tariff Rate G 41: Monthly Customer Charge All usage LDAC Gas Cost Adjustment: Cost of Gas	\$222.64 \$0.1895 \$0.0472 <b>\$0.4733</b>	\$0.5291	\$0.2367	\$222.64	<del>\$0.7100</del>	\$222.64 <u>\$0.7658</u>
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: Cost of Gas	\$222.64 \$0.1337 \$0.1087 \$0.0472 <b>\$0.3943</b>		\$0.1809 \$0.1559	\$222.64	<del>\$0.5752</del> \$0.5502	\$222.64 <u>\$0.6310</u> <u>\$0.6060</u>
C&I High Annual/High Winter	Tariff Rate G 42: Monthly Customer Charge All usage LDAC Gas Cost Adjustment: Cost of Gas	\$1,335.81 \$0.1206 \$0.0472 <b>\$0.4733</b>		\$0.1678	\$1,335.81	<del>\$0.6411</del>	\$1,335.81 <u>\$0.6969</u>
C&I High Annual/Low Winter	Tariff Rate G 52: Monthly Customer Charge All usage LDAC Gas Cost Adjustment: Cost of Gas	\$1,335.81 \$0.0792 \$0.0472 <b>\$0.3943</b>		\$0.1264	\$1,335.81	\$0.5207	\$1,335.81 <u>\$0.5765</u>

Issued: November 4, 2020 April 22, 2021 Robert B. Hevert Issued by: Effective Date: May 1, 2021 Senior Vice President Title:

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