NORTHERN UTILITIES - NEW HAMPSHIRE DIVISION SUMMER SEASON RESIDENTIAL RATES

	Summer Season		Total	Total Billed Rates
	May 2022 - October 2022	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	\$22.20
	All Usage	\$0.6782	\$0.7413	\$1.2589
	LDAC	\$0.0631		
	Gas Cost Adjustment:			
	Cost of Gas	\$0.5176		
Residential Heating	Tariff Rate R 10:			
Low Income	Monthly Customer Charge	\$22.20	\$22.20	\$22.20
	All Usage	\$0.6782	\$0.7413	\$1.2589
	LDAC	\$0.0631	, .	,
	Gas Cost Adjustment:	·		
	Cost of Gas	\$0.5176		
No Discount*	Monthly Customer Charge	\$0.00	\$0.00	\$0.00
No Discount*	All Usage	\$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:			
inconcential Non-Heating	Monthly Customer Charge	\$22.20	\$22.20	\$22.20
	All Usage	\$0.7153	\$0.7784	\$1,2960
	LDAC	\$0.0631	Ψ0.11.04	¥ 1.2000
	Gas Cost Adjustment:	Ψ0.0001		
	Cost of Gas	\$0.5176		

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

Issued: November 9, 2021 Issued by: Robert B. Hevert

Effective: With Service Rendered On and After May 1, 2022 Title: Senior Vice President

Authorized by NHPUC Order No. 26,539 in Docket No. DG 21-131, dated October 29, 2021

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

	Summer Season May 2022 - October 2022	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 LDAC Gas Cost Adjustment: Cost of Gas	\$75.09 \$0.2090 \$0.0360 \$0.5445	\$75.09 \$0.2450	\$75.09 \$0.7895
C&I Low Annual/Low Winter	Tariff Rate G 50: Monthly Customer Charge All Usage LDAC Gas Cost Adjustment: Cost of Gas	\$75.09 \$0.2090 \$0.0360 \$0.4740	\$75.09 \$0.2450	\$75.09 \$0.7190
C&I Medium Annual/High Winter	Tariff Rate G 41: Monthly Customer Charge All usage LDAC Gas Cost Adjustment: Cost of Gas	\$222.64 \$0.2120 \$0.0360 \$0.5445	\$222.64 \$0.2480	\$222.64 \$0.7925
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 \$0.1562 \$0.1312 \$0.0360	\$222.64 \$0.1922 \$0.1672	\$222.64 \$0.6662 \$0.6412
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 \$0.1431 \$0.0360 \$0.5445	\$1,335.81 \$0.1791	\$1,335.81 \$0.7236
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 \$0.1017 \$0.0360 \$0.4740	\$1,335.81 \$0.1377	\$1,335.81 \$0.6117

Issued: November 9, 2021Issued by:Robert B. HevertEffective: With Service Rendered On and After May 1, 2022Title:Senior Vice President

Authorized by NHPUC Order No. 26,539 in Docket No. DG 21-131, dated October 29, 2021

NORTHERN UTILITIES - NEW HAMPSHIRE DIVISION WINTER SEASON RESIDENTIAL RATES

	Winter Season		Total	Total Billed	l Rates
	November 2021 - April 2022	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		\$22.20
	All Usage	\$0.7603	\$0.8234	\$1.7626	
	LDAC	\$0.0631			
	Gas Cost Adjustment:				
	Cost of Gas	\$0.9392			
Residential Heating	Tariff Rate R 10:				
Low Income	Monthly Customer Charge	\$22.20	\$22.20		\$22.20
	All Usage	\$0.7603	\$0.8234	\$1.7626	
	LDAC	\$0.0631			
	Gas Cost Adjustment:				
	Cost of Gas	\$0.9392			
45% Low Income Discount	Monthly Customer Charge	(\$9.99)	(\$9.99)		(\$9.99)
45% Low Income Discount	All Usage	(\$0.3421)	(\$0.3421)	(\$0.7647)	
No Discount	LDAC	\$0.0000	,	,	
	Gas Cost Adjustment:				
45% Low Income Discount	Cost of Gas	(\$0.4226)			
Residential Non-Heating	Tariff Rate R 6:				
Ü	Monthly Customer Charge	\$22.20	\$22.20		\$22.20
	All Usage	\$0.7153	\$0.7784	\$1.7176	•
	LDAC	\$0.0631	·	•	
	Gas Cost Adjustment:				
	Cost of Gas	\$0.9392			

Issued: November 9, 2021Issued by:Robert B. HevertEffective: With Service Rendered On and After November 1, 2021Title:Senior Vice PresidentAuthorized by NHPUC Order Nos. 26,539 & 26,529 in Docket Nos. DG 21-131 & DG 21-104, dated October 29, 2021 and September 30, 2021

NORTHERN UTILITIES - NEW HAMPSHIRE DIVISION WINTER SEASON C&I RATES

	Winter Season		Total	Total B	Total Billed Rates	
	November 2021 - April 2022	Tariff Rates	Delivery Rates (Includes LDAC)		ates, LDAC ost 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 \$0.2090 \$0.2090 \$0.0360 \$0.9551	\$75 \$0.2450 \$0.2450	\$1.2001 \$1.2001	\$75.09	
C&I Low Annual/Low Winter	Tariff Rate G 50:					
Car Low Amiday Low Winter	Monthly Customer Charge First 75 therms All usage over 75 therms LDAC Gas Cost Adjustment: Cost of Gas	\$75.09 \$0.2090 \$0.2090 \$0.0360 \$0.8453	\$75 \$0.2450 \$0.2450	\$1.0903 \$1.0903	\$75.09	
C&I Medium Annual/High Winter	Tariff Rate G 41: Monthly Customer Charge All usage LDAC	\$222.64 \$0.2650 \$0.0360	\$222 \$0.3010	.64 \$1.2561	\$222.64	
	Gas Cost Adjustment: Cost of Gas	\$0.9551				
C&I Medium Annual/Low Winter	Tariff Rate G 51: Monthly Customer Charge First 1,300 therms All usage over 1,300 therms LDAC	\$222.64 \$0.1937 \$0.1624 \$0.0360	\$222 \$0.2297 \$0.1984	\$1.0750 \$1.0437	\$222.64	
	Gas Cost Adjustment: Cost of Gas	\$0.0360				
C&I High Annual/High Winter	Tariff Rate G 42: Monthly Customer Charge All usage LDAC Gas Cost Adjustment:	\$1,335.81 \$0.2209 \$0.0360	\$1,335 \$0.2569	.81 \$1.2120	\$1,335.81	
	Cost of Gas	\$0.9551				
C&I High Annual/Low Winter	Tariff Rate G 52: Monthly Customer Charge All usage LDAC Gas Cost Adjustment:	\$1,335.81 \$0.1945 \$0.0360	\$1,335 \$0.2305	.81 \$1.0758	\$1,335.81	
	Cost of Gas	\$0.8453				

Issued: November 9, 2021 Effective: With Service Rendered On and After November 1, 2021 Issued by:

Robert B. Hevert

Title:

Senior Vice President

Authorized by NHPUC Order Nos. 26,539 & 26,529 in Docket Nos. DG 21-131 & DG 21-104 , dated October 29, 2021 and September 30, 2021

Anticipated Cost of Gas

New Hampshire Division Period Covered: November 1, 2021 - April 30, 2022

Period Covered: Nove	ember 1, 2021 - April 30,	2022
(Col 1)	(Col 2)	(Col 3)
ANTICIPATED DIRECT COST OF GAS		
Purchased Gas: Demand Costs:	\$4,553,044	
Supply Costs:	\$11,472,168	
	ψ11,112,100	
Storage & Peaking Gas: Demand, Capacity:	\$12,327,011	
Commodity Costs:	\$7,733,349	
·		
Interruptible Included Above	\$0	
Inventory Finance Charge	\$1,378	
Capacity Release, & Asset Management	(\$4,076,771)	
Re-entry Rate & Conversion Rate Revenues	\$ (5,000)	
Total Anticipated Direct Cost of Gas		<u>\$32,005,179</u>
ANTICIPATED INDIRECT COST OF GAS		
Adjustments:		
Prior Period Under/(Over) Collection	\$189,294	
Interest Refunds	(\$42,086) \$0	
Interruptible Margins	\$0 \$0	
Total Adjustments		\$147,208
Working Capital:		
Total Anticipated Direct Cost of Gas	\$32,005,179	
Working Capital Allowance	0.0892%	
Working Capital Allowance	\$ 28,555	
Plus: Working Capital Reconciliation (Acct 173)	(\$5,834)	
Total Working Capital Allowance		\$22,721
Bad Debt:		
Bad Debt Allowance	\$137,320	
Plus: Bad Debt Reconciliation (Acct 173)	(\$61,950)	
Total Bad Debt Allowance		\$75,370
Total Bad Best Allowance		Ψ10,010
Local Production and Storage Capacity		\$476,106
Miscellaneous Overhead-79.87% Allocated to Winter Season	n	\$463,606
Total Anticipated Indirect Cost of Gas		\$1,185,012
Total Cost of Gas		\$33,190,191
		
Issued: November 9, 2021	Issued By:	Robert B. Hevert
Effective Date: November 1, 2021	issucu by.	Senior Vice President
• •		

Authorized by NHPUC Order No. 26,539, in Docket No. DG 21-131, dated October 29, 2021.

Anticipated Cost of Gas

New Hampshire Division Period Covered: May 1, 2022 - October 31, 2022

(Col 1)	(Col 2)	(Col 3)
ANTICIPATED DIRECT COST OF GAS		
Purchased Gas:	#050.700	
Demand Costs:	\$956,729	
Supply Costs:	\$3,110,213	
Storage & Peaking Gas:		
Demand, Capacity:	\$397,395	
Commodity Costs:	\$21,467	
Interruptible Included Above	\$0	
Inventory Finance Charge	\$0	
Capacity Release & Asset Management	\$0	
Re-entry Rate and Conversion Rate Revenues	\$0	
Total Anticipated Direct Cost of Gas		<u>\$4,485,804</u>
ANTICIPATED INDIRECT COST OF GAS		
Adjustments:		
Prior Period Under/(Over) Collection	\$47,710	
Interest	(\$41,380)	
Refunds	\$0 ***	
Interruptible Margins Total Adjustments	\$0	\$6,330
•		ψ0,550
Working Capital: Total Anticipated Direct Cost of Gas	\$4,485,805	
Working Capital Percentage	0.0892%	
Working Capital Allowance	\$4,002	
Plus: Working Capital Reconciliation (Acct 173)	(\$1,470)	
Total Working Capital Allowance	(\$\psi, \cdot \psi)	\$2,532
		Ψ2,002
Bad Debt:	¢44.500	
Bad Debt Allowance	\$14,529 (\$15,614)	
Plus: Bad Debt Reconciliation (Acct 173)	(\$15,614)	
Total Bad Debt Allowance		(\$1,085)
Local Production and Storage Capacity		\$0
Miscellaneous Overhead-20.13% Allocated to Summer S	Season	\$116,849
Total Anticipated Indirect Cost of Gas		\$124,627
Total Cost of Gas		\$4,610,432
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 Issued: November 9, 2021
 Issued By:
 Robert B. Hevert

 Effective Date: May 1, 2022
 Senior Vice President

Authorized by NHPUC Order No. 26,539, in Docket No. DG 21-131, dated October 29, 2021

CALCULATION OF FIRM SALES COST OF GAS RATE

Period Covered: November 1, 2021 - April 30, 2022

(Col 1)	(Col 2)	(Col 3)	
Total Anticipated Direct Cost of Gas Projected Prorated Sales (11/01/21 - 04/30/22)	\$32,005,179 35,339,329		
Direct Cost of Gas Rate		\$0.9057	per therm
Demand Cost of Gas Rate	\$12,798,284	\$0.3622	per therm
Commodity Cost of Gas Rate	\$ <u>19,206,895</u>	\$ <u>0.5435</u>	per therm
Total Direct Cost of Gas Rate	\$32,005,179	\$0.9057	per therm
Total Anticipated Indirect Cost of Gas	\$1,185,012		
Projected Prorated Sales (11/01/21 - 04/30/22)	35,339,329		
Indirect Cost of Gas		\$0.0335	per therm
TOTAL PERIOD AVERAGE COST OF GAS		\$0.9392	per therm
RESIDENTIAL COST OF GAS RATE -11/01/21	COGwr	\$0.9392	per therm
	Maximum (COG+25%)	\$1.1740	

OM/IND LOW WINTER USE COST OF GAS RATE - 11/01/21	COGwI	\$0.8453	per therm
	Maximum (COG+25%)	\$1.0566	
C&I HLF DEMAND COSTS ALLOCATED PER SMBA	\$668,845		
PLUS: RESIDENTIAL DEMAND RELOCATION TO C&I HLF	\$15,887		
C&I HLF TOTAL ADJUSTED DEMAND COSTS	\$684,732		
C&I HLF PROJECTED PRORATED SALES (11/01/21 - 04/30/22)	2,692,919		
DEMAND COST OF GAS RATE	\$0.2543		
C&I HLF COMMODITY COSTS ALLOCATED PER SMBA	\$1,503,327		
PLUS: RESIDENTIAL COMMODITY REALLOCATION TO C&I HLF	(\$2,088)		
C&I HLF TOTAL ADJUSTED COMMODITY COSTS	\$1,501,239		
C&I HLF PROJECTED PRORATED SALES (11/01/21 - 04/30/22)	2,692,919		
COMMODITY COST OF GAS RATE	\$0.5575		
INDIRECT COST OF GAS	\$0.0335		
TOTAL C&I HLF COST OF GAS RATE	\$0.8453		

COM/IND HIGH WINTER USE COST OF GAS RATE - 11/01/21	COGwh	\$0.9551 per therm
	Maximum (COG+25%)	\$1.1939
C&I LLF COMMODITY COSTS ALLOCATED PER SMBA	\$5,898,495	
PLUS RESIDENTIAL DEMAND REALLOCATION TO C&I LLF C&I LLF TOTAL ADJUSTED DEMAND COSTS	\$140,104 \$6,038,599	
C&I LLF PROJECTED PRORATED SALES (11/01/21 - 04/30/22)	15,871,915	
DEMAND COST OF GAS RATE	\$0.3805	
C&I LLF COMMODITY COSTS ALLOCATED PER SMBA	\$8,600,676	
PLUS: RESIDENTIAL COMMODITY REALLOCATION TO C&I LLF	(\$11,944)	
C&I LLF TOTAL ADJUSTED COMMODITY COSTS	\$8,588,732	
C&I LLF PROJECTED PRORATED SALES (11/01/21 - 04/30/22)	15,871,915	
COMMODITY COST OF GAS RATE	\$0.5411	
INDIRECT COST OF GAS	\$0.0335	
TOTAL C&I LLF COST OF GAS RATE	\$0.9551	
Issued: November 9, 2021	Issued By:	Robert B. Hevert

Effective Date: November 1, 2021
Authorized by NHPUC Order No. 26,539, in Docket No. DG 21-131, dated October 29, 2021.

Senior Vice President

Senior Vice President

CALCULATION OF FIRM SALES COST OF GAS RATE

Period Covered: May 1, 2022 - October 31, 2022

(Col 1)	(Col 2)	(Col 3)	
Total Anticipated Direct Cost of Gas Projected Prorated Sales (05/01/22 - 10/31/22) Direct Cost of Gas Rate	\$4,485,805 8,907,030	\$0.5036	per therm
Demand Cost of Gas Rate Commodity Cost of Gas Rate Total Direct Cost of Gas Rate	\$1,354,125 \$ <u>3,131,680</u> \$4,485,805	\$0.1520 \$ <u>0.3516</u> \$0.5036	per therm per therm per therm
Total Anticipated Indirect Cost of Gas Projected Prorated Sales (05/01/22 - 10/31/22) Indirect Cost of Gas	\$124,627 8,907,030	\$0.0140	per therm
TOTAL PERIOD AVERAGE COST OF GAS		\$0.5176	per therm
RESIDENTIAL COST OF GAS RATE -05/01/22	COGwr	\$0.5176	per therm
	Maximum (COG+25%)	\$0.6470	_

COM/IND LOW WINTER USE COST OF GAS RATE - 05/01/22	COGwl	\$0.4740 per therm
	Maximum (COG+25%)	\$0.5925
C&I HLF DEMAND COSTS ALLOCATED PER SMBA	\$205,468	
PLUS: RESIDENTIAL DEMAND RELOCATION TO C&I HLF	\$11,258	
C&I HLF TOTAL ADJUSTED DEMAND COSTS	\$216,726	
C&I HLF PROJECTED PRORATED SALES (05/01/22 - 10/31/22)	1,996,958	
DEMAND COST OF GAS RATE	\$0.1085	
C&I HLF COMMODITY COSTS ALLOCATED PER SMBA	\$701,906	
PLUS: RESIDENTIAL COMMODITY REALLOCATION TO C&I HLF	\$64	
C&I HLF TOTAL ADJUSTED COMMODITY COSTS	\$701,970	
C&I HLF PROJECTED PRORATED SALES (05/01/22 - 10/31/22)	1,996,958	
COMMODITY COST OF GAS RATE	\$0.3515	
INDIRECT COST OF GAS	\$0.0140	
TOTAL C&I HLF COST OF GAS RATE	\$0.4740	

COM/IND HIGH WINTER USE COST OF GAS RATE - 05/01/22	COGwh	\$0.5445 per therm
	Maximum (COG+25%)	\$0.6806
C&I LLF COMMODITY COSTS ALLOCATED PER SMBA PLUS RESIDENTIAL DEMAND REALLOCATION TO C&I LLF C&I LLF TOTAL ADJUSTED DEMAND COSTS C&I LLF PROJECTED PRORATED SALES (05/01/22 - 10/31/22) DEMAND COST OF GAS RATE	\$549,002 \$30,080 \$579,082 3,236,934 \$0.1789	
C&I LLF COMMODITY COSTS ALLOCATED PER SMBA PLUS: RESIDENTIAL COMMODITY REALLOCATION TO C&I LLF C&I LLF TOTAL ADJUSTED COMMODITY COSTS C&I LLF PROJECTED PRORATED SALES (05/01/22 - 10/31/22) COMMODITY COST OF GAS RATE	\$1,138,131 \$104 \$1,138,235 3,236,934 \$0.3516	
INDIRECT COST OF GAS	\$0.0140	
TOTAL C&I LLF COST OF GAS RATE	\$0.5445	
Issued: November 9, 2021	Issued Bv:	Robert B. Hevert

Effective Date: May 1, 2022 Authorized by NHPUC Order No. 26,539, in Docket No. DG 21-131, dated October 29, 2021.

Fifth Revised Page 62 Superseding Fourth Revised Page 62

Local Delivery Adjustment Clause

Rate Schedule	GAPRA	EEC	LRR	ERC	ITMC	RCE	RPC	LDAC
Residential Heating	\$0.0060	\$0.0449	\$0.0066	\$0.0056	\$0.0000	\$0.0000	\$0.0000	\$0.0631
Residential Non-Heating	\$0.0060	\$0.0449	\$0.0066	\$0.0056	\$0.0000	\$0.0000	\$0.0000	\$0.0631
Small C&I	\$0.0060	\$0.0238	\$0.0006	\$0.0056	\$0.0000	\$0.0000	\$0.0000	\$0.0360
Medium C&I	\$0.0060	\$0.0238	\$0.0006	\$0.0056	\$0.0000	\$0.0000	\$0.0000	\$0.0360
Large C&I	\$0.0060	\$0.0238	\$0.0006	\$0.0056	\$0.0000	\$0.0000	\$0.0000	\$0.0360
No Previous Sales Service								

Issued: November 9, 2021

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

Authorized by NHPUC Order No. 26,539 in Docket No. DG 21-131, dated October 29, 2021

Robert B. Hevert Issued by: Title:

Senior Vice President

VII. DELIVERY SERVICE TERMS AND CONDITIONS

APPENDIX A

Schedule of Administrative Fees and Charges

I. Supplier Balancing Charge: \$0.71 per MMBtu of Daily Imbalance Volumes

- Updated effective every November 1 to reflect the Company's latest balancing resources and associated capacity costs.
- Daily Imbalance Volumes represent the difference between ATV and ATV adjusted for actual EDDs.

<u>II. Peaking Service Demand Charge:</u> \$ 71.85 per MMBtu per MDPQ per month for November 2021 through April 2022. Provided on Page 6 of Attachment NUI-FXW-6.

• Updated effective every November 1 to reflect the Company's Peaking resources and associated costs.

III. Company Allowance Calculation: 1.25% - Provided in Attachment NUI-FXW-3

IV. Supplier Services and Associated Fees:

<u>SERVICE</u>	<u>PRICING</u>				
Pool Administration (required)	• \$0.10/month/customer billed @ marketer level				
Non-Daily Metered Pools only					
Standard Passthrough Billing (required)	• \$0.60/customer/month billed @ marketer level				
Standard Complete Billing (optional – Passthrough Billing fee not required if this service is elected)	• \$1.50/customer/month billed @ marketer level				
Customer Administration (required)	• \$10/customer/switch billed @ marketer level				

V. Meter Read Charge: \$78.00 when customer phone line is not reporting daily data

Issued: November 9, 2021 Issued by: Robert B. Hevert

Effective: November 1, 2021 Senior Vice President

Authorized by NHPUC Order No. 26,539 in Docket No. DG 21-131, dated October 29, 2021.

Effective:

November 1, 2021

Senior Vice President

VII. DELIVERY SERVICE TERMS AND CONDITIONS

APPENDIX C

Capacity Allocators

Capacity Allocators shall be calculated and filed with the Commission each year with the Winter Cost of Gas filing. The following Capacity Allocators shall be applicable for capacity assignments during the period of November 1, 2021 through October 31, 2022.

Commercial and Industrial

	High Winter Use	Low Winter Use
Pipeline:	22.28%	60.95%
Storage:	32.31%	16.23%
Peaking:	45.41%	22.82%

Issued: November 9, 2021 Issued by: Robert B. Hevert

Authorized by NHPUC Order No. 26,539 in Docket No. DG 21-131, dated October 29, 2021.

VII. DELIVERY SERVICE TERMS AND CONDITIONS (continued)

Appendix D

Re-entry Surcharge and Conversion Surcharge (continued)

D. Information to be Filed with the Commission:

As part of the annual Cost of Gas filing, the Company shall file with the Commission a report showing the number of customers assessed the Re-entry Surcharge and the Conversion Surcharge and the amount of revenue received for each charge through the prior April 30. Pursuant to the Company's Cost of Gas Clause, the Company will apply such revenues as credits to the Company's New Hampshire Division Cost of Gas.

The following Re-entry Surcharge and Conversion Surcharge shall be applicable for the periods of November 1, 2021 through April 30, 2022 and May 1, 2022 through October 2022.

Effective Dates:	November 1, 2021 – April 30, 2022	May 1, 2022 – October 30, 2022		
Re-entry Surcharge:	\$0.000 per therm	\$0.0000 per therm		
Conversion Surcharge, Low Load Factor (G-40, G-41, G-42):	\$0.7543 per therm	\$0.0000 per therm		
Conversion Surcharge, High Load Factor (G-50, G-51, G-52):	\$0.8641 per therm	\$0.0000 per therm		

Issued: November 9, 2021

Effective: November 1, 2021

Issued by: Robert. B Hevert

Title: Senior Vice President

NORTHERN UTILITIES - NEW HAMPSHIRE DIVISION SUMMER-SEASON RESIDENTIAL RATES

Summer Season May 20 21 22- October 20 21 22	Tariff Rates	Deliv	•	<u>Total Billed Rates</u> Tariff Rates, LDAC Plus Cost of Gas	
Tariff Rate R 5: Monthly Customer Charge All Usage LDAC Gas Cost Adjustment: Cost of Gas	\$22.20 \$0.6782 \$0.1099 \$0.0631 \$0.5398 \$0.5176	\$ 0.7881	\$22.20 \$0.7413	\$1.3279	\$22.20 <u>\$1.2589</u>
Tariff Rate R 10: Monthly Customer Charge All Usage LDAC	\$22.20 \$0.6782 \$0.1099 \$0.0631	\$0.7881	\$22.20 <u>\$0.7413</u>	\$1.3279	\$22.20 <u>\$1.2589</u>
Gas Cost Adjustment: Cost of Gas	\$0.5398 <u>\$0.5176</u>				
Monthly Customer Charge	\$0.0000		\$0.0000		\$0.0000
All Usage	\$0.0000		\$0.0000		\$0.0000
LDAC Gas Cost Adjustment:	\$0.0000				
Cost of Gas	\$0.0000				
Tariff Rate R 6: Monthly Customer Charge All Usage LDAC Gas Cost Adjustment:	\$22.20 \$0.7153 \$0.1099 \$0.0631	\$ 0.8252	\$22.20 \$0.7784	\$1.3650	\$22.20 <u>\$1.2960</u>
	May 202122- October 202122 Tariff Rate R 5: Monthly Customer Charge All Usage LDAC Gas Cost Adjustment: Cost of Gas Tariff Rate R 10: Monthly Customer Charge All Usage LDAC Gas Cost Adjustment: Cost of Gas Monthly Customer Charge All Usage LDAC Gas Cost Adjustment: Cost of Gas Monthly Customer Charge All Usage LDAC Gas Cost Adjustment: Cost of Gas Tariff Rate R 6: Monthly Customer Charge All Usage LDAC	May 202422- October 202422 Tariff Rates Tariff Rate R 5: Monthly Customer Charge \$22.20 All Usage \$0.6782 LDAC \$0.5398 \$0.5176 Tariff Rate R 10: Monthly Customer Charge \$0.6782 \$0.6782 All Usage \$0.6782 \$0.0631 Cost of Gas \$0.5398 \$0.0631 Monthly Customer Charge \$0.0000 \$0.0000 All Usage \$0.0000 \$0.0000 LDAC \$0.0000 \$0.0000 Tariff Rate R 6: \$0.0000 \$0.0000 Tariff Rate R 6: \$0.0000 \$0.0000 All Usage \$0.7153 \$0.1099 LDAC \$0.1099 \$0.0631 Gas Cost Adjustment: \$0.1099 \$0.0631	May 202422- October 202422 Tariff Rates Deliv (Includence Rates) Tariff Rate R 5: Monthly Customer Charge \$22.20 \$0.6782 \$0.7884 LDAC \$0.1099 \$0.0631 \$0.7884 Cas Cost Adjustment: Cost of Gas \$0.5398 \$0.5176 Tariff Rate R 10: Monthly Customer Charge \$0.6782 \$0.7884 LDAC \$0.4099 \$0.0631 Gas Cost Adjustment: \$0.5398 \$0.5176 Monthly Customer Charge \$0.0000 \$0.0000 All Usage \$0.0000 \$0.0000 LDAC \$0.0000 \$0.0000 Tariff Rate R 6: \$0.0000 \$0.0000 Tariff Rate R 6: \$0.0000 \$0.0000 Monthly Customer Charge \$0.7153 \$0.8252 All Usage \$0.1099 \$0.0631 LDAC \$0.1099 \$0.0631	May 202422- October 202422 Tariff Rates Delivery Rates (Includes LDAC) Tariff Rate R 5: 	May 202422- October 202422 Tariff Rates Delivery Rates (Includes LDAC) Tariff Retes (Includes LDAC) Tariff Rate R 5: Monthly Customer Charge \$22.20 \$22.20 All Usage \$0.6782 \$0.7413 \$1.3279 LDAC \$0.1099 \$0.0631 \$1.3279 Gas Cost Adjustment: \$0.6782 \$0.7413 \$1.3279 I Usage \$0.6782 \$0.7884 \$0.7413 \$1.3279 LDAC \$0.6782 \$0.7884 \$0.7413 \$1.3279 LDAC \$0.6782 \$0.7884 \$0.7413 \$1.3279 Monthly Customer Charge \$0.6782 \$0.7884 \$0.7413 \$1.3279 Monthly Customer Charge \$0.6398 \$0.5176 \$0.7884 \$0.7413 \$1.3279 Monthly Customer Charge \$0.0000 \$0.0000 \$0.0000 \$0.0000 All Usage \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$1.3650 Tariff Rate R 6: Monthly Customer Charge \$0.1099 \$0.0631 \$0.7784 \$1.3650 Mall

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

Issued: October 8, 2021November 9, 2021Issued by:Robert B. HevertEffective Date: May 1, 2021May 1, 2022Title:Senior Vice PresidentAuthorized by NHPUC Order Nos. 26,529 26,539, in Docket No. DG 21-104 21-131, dated September 30, 2020 October 29, 2021.

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

	Summer Season May 20 <u>2422</u> - October 20 <u>2422</u>		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 LDAC Gas Cost Adjustment: Cost of Gas	\$75.09 \$0.2090 \$0.0472 \$0.0360 \$0.5719 \$0.5445	\$75.09 \$0.2562 \$0.2450	\$75.09 \$0.8281 <u>\$0.7895</u>	
C&I Low Annual/Low Winter	Tariff Rate G 50: Monthly Customer Charge All Usage LDAC Gas Cost Adjustment: Cost of Gas	\$75.09 \$0.2090 \$0.0472 \$0.0360 \$0.4929 \$0.4740	\$75.09 \$0.2562 \$0.2450	\$75.09 \$0.7491 <u>\$0.7190</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 \$0.2120 \$0.0472 \$0.0360 \$0.5719 \$0.5445	\$222.64 \$0.2592 <u>\$0.2480</u>	\$222.64 \$0.8311 <u>\$0.7925</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 \$0.1562 \$0.1312 \$0.0472 \$0.0360 \$0.4929 \$0.4740	\$222.64 \$0.2034 \$0.1922 \$0.1784 \$0.1672	\$222.64 \$0.6963 \$0.6713 \$0.6412	
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 \$0.1431 \$0.0472 \$0.0360 \$0.5719 \$0.5445	\$1,335.81 \$0.1903 \$0.1791	\$1,335.81 \$0.7622 \$0.7236	
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 \$0.1017 \$0.0472 \$0.0360 \$0.4929 \$0.4740	\$1,335.81 \$0.1489 \$0.1377	\$1,335.81 \$0.6418 \$0.6117	

Issued: October 8, 2024 November 9, 2021Issued by:Robert B. HevertEffective Date: October 1, 2024 May 1, 2022Title:Senior Vice PresidentAuthorized by NHPUC Order Nos. 26,529 26,539, in Docket No. DG 21-104 21-131, dated September 30, 2020 October 29, 2021.

NORTHERN UTILITIES - NEW HAMPSHIRE DIVISION WINTER SEASON RESIDENTIAL RATES

	Winter Season November 20 <u>2921</u> - April 20 <mark>21</mark> 22		November 20 <mark>29<u>21</u> - April 20<mark>24</mark><u>22</u></mark>		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 All Usage LDAC Gas Cost Adjustment: Cost of Gas		\$22.20 \$0.6920 \$0.1099 \$0.0631 \$0.7315 \$0.9392	\$ 0.8019	\$22.20 <u>\$0.8234</u>	\$1.5334	\$22.20 <u>\$1.7626</u>		
Residential Heating Low income	Tariff Rate R 10: Monthly Customer Charge All Usage LDAC Gas Cost Adjustment: Cost of Gas		\$22.20 \$0.6920 \$0.1099 \$0.0631 \$0.7315 \$0.9392	\$ 0.8019	\$22.20 <u>\$0.8234</u>	\$1.5334	\$22.20 <u>\$1.7626</u>		
45% Low Income Discount 45% Low Income Discount No Discount 45% Low Income Discount	Monthly Customer Charge All Usage LDAC Gas Cost Adjustment: Cost of Gas		(\$9.99) (\$0.3421) \$0.0000 (\$0.3292) (\$0.4226)	(\$0.3114)	(\$9.99) (\$0.3421)	(\$0.6406)	(\$9.99) (\$0.7647)		
Residential Non-Heating	Tariff Rate R 6: Monthly Customer Charge All Usage LDAC Gas Cost Adjustment: Cost of Gas		\$22.20 \$0.6470 \$0.7153 \$0.1099 \$0.0631 \$0.7315 \$0.9392	\$ 0.7569	\$22.20 <u>\$0.7784</u>	\$ 1.4884	\$22.20 <u>\$1.7176</u>		

Issued: November 49, 2020 2021

Effective Date: With Service Rendered On and After November 1, 2020 November 1, 2021

Authorized by NHPUC Order Nos. 26,420 26,539 & 26,539, in Docket Nos. DG 20-454 21-131 & DG 21-104, dated October 30, 2020 29, 2021 September 30, 2021

NORTHERN UTILITIES - NEW HAMPSHIRE DIVISION WINTER SEASON C&I RATES

	Winter Season November 20 <mark>19</mark> 21 - April 20 <mark>29</mark> 22	Tariff Rates	Total Delivery Rates (Includes LDAC)	<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 \$0.2090 \$0.2090 \$0.0472 \$0.0360 \$0.7437 \$0.9551	\$75.09 \$0.2562 \$0.2450 \$0.2562 \$0.2450	\$75.09 \$0.9999 \$1.2001 \$0.9999 \$1.2001
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 \$0.2090 \$0.2090 \$0.0472 \$0.0360 \$0.6465 \$0.8453	\$75.09 \$0.2562 \$0.2450 \$0.2562 \$0.2450	\$75.09 \$0.9027 \$0.9027 \$1.0903
C&I Medium Annual/High Winter	Tariff Rate G 41:	#000 04	*****	**************************************
	Monthly Customer Charge All usage LDAC Gas Cost Adjustment: Cost of Gas	\$222.64 \$0.2650 \$0.0472 \$0.0360 \$0.7437 \$0.9551	\$222.64 \$0.3122 \$0.3010	\$222.64 \$1.0559 \$1.2561
C&I Medium Annual/Low Winter	Tariff Rate G 51: Monthly Customer Charge First 1,300 therms All usage over 1,300 therms LDAC Gas Cost Adjustment: Cost of Gas	\$222.64 \$0.1937 \$0.1624 \$0.0472 \$0.6465 \$0.8453	\$222.64 \$0.2409 \$0.2297 \$0.2096 \$0.1984	\$222.64 \$0.8874 \$1.0750 \$0.8561 \$1.0437
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 \$0.2209 \$0.0472 \$0.0360 \$0.7437 \$0.9551	\$1,335.81 \$0.2569	\$1,335.81 \$1.0118 \$1.2120
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 Gas Cost Adjustment: Cost of Gas	\$0.1945 \$0.0472 \$0.0360 \$0.6465 \$0.8453	\$0.2417 \$0.2305	\$0.8882 <u>\$1.0758</u>

Issued: November 4<u>9</u>, 2020 <u>2021</u> Issued by: Robert B. Hevert Effective Date: With Service Rendered On and After November 1, 2020 November 1, 2021

Authorized by NHPUC Order Nos. 26,420 26,539 & 26,529, in Docket Nos. DG 20-154 21-131 & DG 21-104, dated October 30, 2020 29, 2021 September 30, 2021

Anticipated Cost of Gas

New Hampshire Division

Period Covered: November 1, 202021 - October 31, 202122 (Col 1) (Col 2)

Period Covered: November 1, 20 2021 - October 31, 20 2122							
(Col 1)		(Col 2)			(Col 3)		
ANTICIPATED DIRECT COST OF GAS Purchased Gas:							
Demand Costs:	\$ 4,596,721 \$	4,553,044					
Supply Costs:	\$ 8,233,230 \$	11,472,168					
Storage & Peaking Gas:							
Demand, Capacity: Commodity Costs:	\$ 11,702,910 \$ \$ 2.618.320 \$	12,327,011 7,733,349					
Interruptible Included Above	\$ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	7,733,349					
Inventory Finance Charge	\$ 1.266 \$	1,378					
•	\$ (3,272,870) \$	(4,076,771)					
Capacity Release	♦ (3,∠1∠,01U) ♦	(4,076,771)					
Re-entry Rate & Conversion Rate Revenues	\$ (5,000) \$	(5,000)					
Total Anticipated Direct Cost of Gas			\$ 23,874,576	\$	32,005,179		
ANTICIPATED INDIRECT COST OF GAS							
Adjustments: Prior Period Under/(Over) Collection	\$ 614.082 \$	189,294					
Interest	\$ (44,016) \$	(42,086)					
Refunds	\$ \$	-					
Interruptible Margins Total Adjustments	<u>\$</u>		\$ 570,066	\$	147,208		
Working Capital:	A 00 074 570 A	00 005 470					
Total Anticipated Direct Cost of Gas Working Capital Percentage	\$ 23,874,576 \$ 0.0892%	32,005,179 0.0892%					
Working Capital Allowance	\$ <u>21,301</u> \$	28,555					
Plus: Working Capital Reconciliation (Acct 17	3 \$ (35,910) \$	(5,834)					
Total Working Capital Allowance			\$ (14, 609)	\$	22,721		
Bad Debt:							
Bad Debt Allowance	\$ 156,687 \$	137,320					
Plus: Bad Debt Reconciliation (Acct 173)	\$ (4,239) \$	(61,950)					
Total Bad Debt Allowance			\$ 152,448	\$	75,370		
Local Production and Storage Capacity			\$ 476,106	\$	476,106		
Miscellaneous Overhead-81.2379.87% Allocated to Winter Season			\$ 471,532	\$	463,606		
Total Anticipated Indirect Cost of Gas			\$ 1,655,544	\$	1,185,012		
Total Cost of Gas			\$ 25,530,121	\$	33,190,191		
Issued: November 49, 2020 -2021			Issued By:		Robert B. Hevert		
Effective Date: November 1, 20202021			locaca By.		Senior Vice President		
Authorized by NHPUC Order No. 26,420 26,539), in Docket No. DG <mark>2</mark>	0-154 - <u>21-131</u> ,	dated October 30,	202	20 <u>29, 2021</u> .		

Anticipated Cost of Gas

New Hampshire Division Period Covered: May 1, 20<mark>2122</mark> - October 31, 20<mark>2122</mark>

(Col 1)	(Col 2)	(Col 2)	(Col 3)	(Col 3)
ANTICIPATED DIRECT COST OF GAS				
Purchased Gas: Demand Costs:	\$842 <u>,503</u>	<u>\$956,729</u>		
Supply Costs:	\$ 2,140,506	\$3,110,213		
Storage & Peaking Gas:				
Demand, Capacity: Commodity Costs:	\$332,957 \$25,153	\$397,39 <u>5</u> \$21,467		
Interruptible Included Above	\$0	\$0		
Inventory Finance Charge	\$0	\$0		
Capacity Release & Asset Management	\$0	\$0		
Re-entry Rate & Conversion Rate Revenues	\$0	\$0		
Table Auticinated Disease Cost of Cos			¢2.241.110	¢4.405.004
Total Anticipated Direct Cost of Gas			\$3,341,119	\$4,485,804
ANTICIPATED INDIRECT COST OF GAS Adjustments:				
Prior Period Under/(Over) Collection	\$141,851	<u>\$47,710</u>		
Interest Refunds	(\$43,640) \$0	(\$41,380) \$0		
Interruptible Margins	\$0 \$0	\$0 \$0		
Total Adjustments	•		\$98,211	<u>\$6,330</u>
Working Capital:				
Total Anticipated Direct Cost of Gas Working Capital Percentage	\$3,341,119 0.0892%	\$4,485,805 0.089%		
Working Capital Allowance	\$2,981	\$4,002		
Plus: Working Capital Reconciliation (Acct 173)	(\$8,295)	(\$1,470)		
Total Working Capital Allowance			(\$5,314)	<u>\$2,532</u>
Bad Debt:				
Bad Debt Allowance	\$14,144	<u>\$14,529</u>		
Plus: Bad Debt Reconciliation (Acct 173)	(\$979)	(\$15,614)		
Total Bad Debt Allowance			\$13,166	(\$1,084)
Local Production and Storage Capacity			\$0	<u>\$0</u>
Miscellaneous Overhead-18.7720.13% Allocated to	1	\$108,923	<u>\$116,849</u>	
Total Anticipated Indirect Cost of Gas			\$ 214,984	<u>\$124,627</u>
Total Cost of Gas			\$3,556,103	<u>\$4,610,432</u>

Issued: November 49, 2020 2021Robert B. HevertEffective Date: May 1, 2021 2022Senior Vice President

Authorized by NHPUC Order No. $\frac{26,420}{26,539}$ in Docket No. DG $\frac{20-154}{21-131}$, dated October $\frac{30,2020}{29,2021}$.

CALCULATION OF FIRM SALES COST OF GAS RATE

Period Covered: November 1, 202021 - April 30, 202122

(Col 1)	(Col 2)		(Col 3)		
Total Anticipated Direct Cost of Gas	\$23,874,576	\$32,005,179			
Projected Prorated Sales (11/01/ 20 21- 04/30/ 21 22) Direct Cost of Gas Rate		35,339,329	\$0.6841	\$ 0.9057	per therm
	\$40,004,704	\$40.700.004			•
Demand Cost of Gas Rate Commodity Cost of Gas Rate	\$13,021,761 \$10,851,549	\$12,798,284 \$19,206,895	\$0.3731 \$0.3110	\$0.3622 \$0.5435	per therm per therm
Total Direct Cost of Gas Rate	\$ 23,874,576	\$32,005,179	\$0.6841	\$0.9057	per therm
Total Anticipated Indirect Cost of Gas	\$1,655,544	\$1,185,012			
Projected Prorated Sales (11/01/ 20 21- 04/30/ 21 22) Indirect Cost of Gas		35,339,329	\$0.0474	\$0.0335	per therm
mandet obst of dus			ψ0.0474	ψο.σσσσ	per aleim
TOTAL PERIOD AVERAGE COST OF GAS			\$0.7315	\$0.9392	per therm
RESIDENTIAL COST OF GAS RATE -11/01/2021	COGwr		\$0.7315	\$0.9392	per therm
	Maximum (COG+25%)		<u>\$0.9144</u>	\$1.1740	·

COM/IND LOW WINTER USE COST OF GAS RATE -11/01/2021	COGwI		\$0.6465	<u>\$0.8453</u>	per therm
	Maximum (COG+25%)		<u>\$0.8081</u>	<u>\$1.0566</u>	
C&I HLF DEMAND COSTS ALLOCATED PER SMBA	\$ 601,051	\$668,845			
PLUS: RESIDENTIAL DEMAND RELOCATION TO C&I HLF C&I HLF TOTAL ADJUSTED DEMAND COSTS	\$31,569 \$632,620	\$15,887 \$684,732			
C&I HLF PROJECTED PRORATED SALES (11/01/2021 - 04/30/21/22)	2,277,711	2,692,919			
DEMAND COST OF GAS RATE	\$0.2777	<u>\$0.2543</u>			
C&I HLF COMMODITY COSTS ALLOCATED PER SMBA PLUS: RESIDENTIAL COMMODITY REALLOCATION TO C&I HLF	\$ 733,070 (\$940)	\$1,503,327			
C&I HLF TOTAL ADJUSTED COMMODITY COSTS	\$732,130	(\$2,088) \$1,501,239			
C&I HLF PROJECTED PRORATED SALES (11/01/ 20 21 - 04/30/ 21 22)	2,277,711	2,692,919			
COMMODITY COST OF GAS RATE	\$0.3214	<u>\$0.5575</u>			
INDIRECT COST OF GAS	\$0.0474	<u>\$0.0335</u>			
TOTAL C&I HLF COST OF GAS RATE	\$0.6465	<u>\$0.8453</u>			
COM/IND HIGH WINTER USE COST OF GAS RATE -11/01/2021	COGwh		\$0.7437	<u>\$0.9551</u>	per therm
	Maximum (COG+25%)		\$0.9296	<u>\$1.1939</u>	
C&I LLF COMMODITY COSTS ALLOCATED PER SMBA	\$ 5,855,245	\$5,898,495			
PLUS RESIDENTIAL DEMAND REALLOCATION TO C&I LLF	\$307,534	\$140,104			
C&I LLF TOTAL ADJUSTED DEMAND COSTS C&I HLF PROJECTED PRORATED SALES (11/01/ 20 21 - 04/30/2122)	\$6,162,780 15,933.486	\$6,038,599 15,871,915			
DEMAND COST OF GAS RATE	\$0.3868	\$0.3805			
C&I LLF COMMODITY COSTS ALLOCATED PER SMBA	\$4,937,736	\$8,600,676			
PLUS: RESIDENTIAL COMMODITY REALLOCATION TO C&I LLF C&I LLF TOTAL ADJUSTED COMMODITY COSTS	(\$6,330) \$4,931,406	(\$11,944) \$8,588,732			
C&I HLF PROJECTED PRORATED SALES (11/01/ 20 21 - 04/30/2122)	15,933,486	15,871,915			
COMMODITY COST OF GAS RATE	\$0.3095	<u>\$0.5411</u>			
INDIRECT COST OF GAS	\$0.0474	<u>\$0.0335</u>			
TOTAL C&I LLF COST OF GAS RATE	\$0.7437	<u>\$0.9551</u>			
Issued: November 49, -20202021		Issued By:	Robert B. Hev	ert	
Effective Date: November 1, 2020 2021		,	Senior Vice Presi		=
Authorized by NHPUC Order No. 26,420 26,529, in Docket No. DG 20-154-21-131, d			0011101 1100 1 1001	uoni	

CALCULATION OF FIRM SALES COST OF GAS RATE

Period Covered: May 1, 20242 - October 31, 20242

reliou cove	ered. May 1, 20212 - October 31, 20	12 1 2			
(Col 1)	(Col 2)	(Col 2)	(Col 3)	(Col 3)	
Total Anticipated Direct Cost of Gas Projected Prorated Sales (05/01/2024 <u>2</u> - 10/31/2024 <u>2</u>)	\$3,341,119 	\$4,485,805 8,907,030	00 4445	#0 F000	41
Direct Cost of Gas Rate			\$0.4145	<u>\$0.5036</u>	per therm
Demand Cost of Gas Rate Commodity Cost of Gas Rate Total Direct Cost of Gas Rate	\$ 1,175,46 0 \$ 2,165,659 \$ 3,341,119	\$1,354,125 \$3,131,680 \$4,485,805	\$0.1458 \$0.2687 \$0.4145	\$0.1520 \$0.3516 \$0.5036	per therm per therm per therm
Total Anticipated Indirect Cost of Gas Projected Prorated Sales (05/01/20242_ 10/31/20242)	\$214,984 	\$124,627 8,907,030	40,0007	00.0440	
Indirect Cost of Gas			\$0.0267	<u>\$0.0140</u>	per therm
TOTAL PERIOD AVERAGE COST OF GAS			\$0.4412	<u>\$0.5176</u>	per therm
Period ending over-collection to be recovered - per April Report Projected sales (05/01/21 - 10/31/21)	\$450,141				
Per unit change in Cost of Gas (05/01/21 - 10/31/21)	8,061,210 \$0.0558				
Period ending over-collection to be recovered - per September Report	\$94,081				
Projected sales (10/01/21 - 10/31/21)	2,198,166				
Per unit change in Cost of Gas (10/01/21 - 10/31/21)	\$0.0428				
RESIDENTIAL COST OF GAS RATE -10/01/21 05/01/22	COGwr		\$0.5398	\$0.5176	per therm
	Maximum (COG+25%)		\$0.6213	\$0.6470	
	, ,				
INITIAL RESIDENTIAL COST OF GAS RATE - 05/01/21 CHANGE IN PER UNIT COST			\$0.4412 \$0.0558		
REVISED RESIDENTIAL COST OF GAS RATE - 05/01/21			\$0.4970		
CHANGE IN PER UNIT COST			\$0.0428		
REVISED RESIDENTIAL COST OF GAS RATE - 10/01/21			\$0.5398		
COM/IND LOW WINTER USE COST OF GAS RATE - 10/01/21 05/01/22	COGwl		\$0.4929	\$0.4740	per therm
	Maximum (COG+25%)		\$0.5626	\$0.5925	
INITIAL COM/IND LOW WINTER USE COST OF GAS RATE - 5/01/20			\$0.3943		
CHANGE IN PER UNIT COST			\$0.0558		
REVISED COM/IND LOW WINTER USE COST OF GAS RATE - 05/01/21			\$0.4501		
CHANGE IN PER UNIT COST REVISED COM/IND LOW WINTER USE COST OF GAS RATE - 10/01/21			\$0.0428 \$0.4929		
			ψ0.4020		
C&I HLF DEMAND COSTS ALLOCATED PER SMBA PLUS: RESIDENTIAL DEMAND RELOCATION TO C&I HLF	<u>\$205,468</u> <u>\$11,258</u>				
C&I HLF TOTAL ADJUSTED DEMAND COSTS	\$216,726				
C&I HLF PROJECTED PRORATED SALES (05/01/22 - 10/31/22)	1,996,958				
DEMAND COST OF GAS RATE	<u>\$0.1085</u>				
C&I HLF COMMODITY COSTS ALLOCATED PER SMBA	\$701,906				
PLUS: RESIDENTIAL COMMODITY REALLOCATION TO C&I HLF	<u>\$64</u>				
C&I HLF TOTAL ADJUSTED COMMODITY COSTS C&I HLF PROJECTED PRORATED SALES (10/01/22 - 10/31/22)	<u>\$701,970</u> 1,996,958				
COMMODITY COST OF GAS RATE	<u>\$0.3515</u>				
INDIRECT COST OF GAS	\$0.0140				
TOTAL C&I HLF COST OF GAS RATE	<u>\$0.4740</u>				
COM/IND HIGH WINTER USE COST OF GAS RATE - 10/01/21 05/01/22	COGwh		\$0.5719	<u>\$0.5445</u>	per therm
	Maximum (COG+25%)		\$0.5916	<u>\$0.6806</u>	
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 CHANGE IN PER UNIT COST			\$0.5291 \$0.0428		
REVISED COM/IND HIGH WINTER USE COST OF GAS RATE - 10/01/21			\$0.5719		
CALLLE COMMODITY COOTS ALL COATED DED CADA	0540.000				
C&I LLF COMMODITY COSTS ALLOCATED PER SMBA PLUS RESIDENTIAL DEMAND REALLOCATION TO C&I LLF	<u>\$549,002</u> \$30,080				
C&I LLF TOTAL ADJUSTED DEMAND COSTS	\$579,082				
C&I LLF PROJECTED PRORATED SALES (05/01/22 - 10/31/22)	3,236,934				
DEMAND COST OF GAS RATE	<u>\$0.1789</u>				
C&I LLF COMMODITY COSTS ALLOCATED PER SMBA	<u>\$1,138,131</u>				
PLUS: RESIDENTIAL COMMODITY REALLOCATION TO C&I LLF	\$104				
C&I LLF TOTAL ADJUSTED COMMODITY COSTS C&I LLF PROJECTED PRORATED SALES (05/01/22 - 10/31/22)	\$1,138,235 3,236,934				
COMMODITY COST OF GAS RATE	\$0.3516				
INDIRECT COST OF GAS	<u>\$0.0140</u>				
TOTAL C&I LLF COST OF GAS RATE	<u>\$0.5445</u>				
Issued:-September 23, 2021November 9, 2021		Issued By:	F	Robert B. Hevert	
Effective Date: October 1, 2021 May 1, 2022		·,· _		nior Vice Presiden	t
Authorized by NHPUC Order No. 26,420 26,539, in Docket No. DG 20-154-21-131, da	ated October 30, 2020 <u>29, 2021</u> .				

N.H.P.U.C. No. 12 - Gas

Northern Utilities, Inc.

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Local Delivery Adjustment Clause

Rate Schedule	GAPRA	GAPRA	EEC	EEC	LRR	LRR	ERC	ERC	ITMC	RCE	RPC	LDAC	LDAC
Residential Heating	\$0.0044	\$0.0060	\$0.0774	\$0.0449	\$0.0220	\$0.0066	\$0.0061	\$0.0056	\$0.0000	\$0.0000	\$0.0000	\$0.1099	\$0.0631
Residential Non-Heating	\$0.0044	\$0.0060	\$0.0774	\$0.0449	\$0.0220	\$0.0066	\$0.0061	\$0.0056	\$0.0000	\$0.0000	\$0.0000	\$0.1099	\$0.0631
Small C&I	\$0.0044	\$0.0060	\$0.0337	\$0.0238	\$0.0030	\$0.0006	\$0.0061	\$0.0056	\$0.0000	\$0.0000	\$0.0000	\$0.0472	\$0.0360
Medium C&I	\$0.0044	\$0.0060	\$0.0337	\$0.0238	\$0.0030	\$0.0006	\$0.0061	\$0.0056	\$0.0000	\$0.0000	\$0.0000	\$0.0472	\$0.0360
Large C&I	\$0.0044	\$0.0060	\$0.0337	\$0.0238	\$0.0030	\$0.0006	\$0.0061	\$0.0056	\$0.0000	\$0.0000	\$0.0000	\$0.0472	\$0.0360
No Previous Sales Service													

Issued: November 4<u>9</u>, 2020 <u>2021</u>

Effective: With Service Rendered On and After November 1, 20 210

Authorized by NHPUC Order No. 26,539 26,420 in Docket No. DG 21-13120-154, dated October 29, 2021 October 30, 2020

Issued by: Robert B. Hevert

Title: Senior Vice President

VII. DELIVERY SERVICE TERMS AND CONDITIONS

APPENDIX A

Schedule of Administrative Fees and Charges

I. Supplier Balancing Charge: \$0.71 per MMBtu of Daily Imbalance Volumes

- Updated effective every November 1 to reflect the Company's latest balancing resources and associated capacity costs.
- Daily Imbalance Volumes represent the difference between ATV and ATV adjusted for actual EDDs.

II. Peaking Service Demand Charge: \$ 64.5371.85 per MMBtu per MDPQ per month for November 2020-2021 through April 20212022. Provided on Page 6 of Schedule 21-FXWAttachment NUI-FXW-6.

• Updated effective every November 1 to reflect the Company's Peaking resources and associated costs.

III. Company Allowance Calculation:

1.3025% - Provided in Schedule 18-FXW Attachment NUI-FXW-3

IV. Supplier Services and Associated Fees:

<u>SERVICE</u>	<u>PRICING</u>	
Pool Administration (required)	• \$0.10/month/customer billed @ marketer level	
Non-Daily Metered Pools only		
Standard Passthrough Billing (required)	• \$0.60/customer/month billed @ marketer level	
Standard Complete Billing (optional – Passthrough Billing fee not required if this service is elected)	• \$1.50/customer/month billed @ marketer lev	
Customer Administration (required)	• \$10/customer/switch billed @ marketer level	

V. Meter Read Charge: \$78 when customer phone line is not reporting daily data.

Issued: November 49, 20202021 Issued by: Robert. B. Hevert

ffective: November 1, 20202021 Senior Vice President

Authorized by NHPUC Order No. 26,420 26,539 in Docket No. DG 20-15421-131, dated October 30,

202029, 2021.

VII. DELIVERY SERVICE TERMS AND CONDITIONS

APPENDIX C

Capacity Allocators

Capacity Allocators shall be calculated and filed with the Commission each year with the Winter Cost of Gas filing. The following Capacity Allocators shall be applicable for capacity assignments during the period of November 1, 2020 2021 through October 31, 2021 2022.

Commercial and Industrial

	<u>High Winter Use</u>	Low Winter Use
Pipeline:	23.23 <u>22.82</u> %	57.23 <u>60.95</u> %
Storage:	31.91 <u>32.31</u> %	17.78 <u>16.23</u> %
Peaking:	44.86 <u>45.41</u> %	24.99 22.82%

Issued: November 49, 20202021 Issued by: Robert B. Hevert

Effective: November 1, 20202021 Senior Vice President

Authorized by NHPUC Order No. 26,420 26,539 in Docket No. DG 20-15421-131, dated October 30, 2020-29,

<u>2021</u>.

VII. DELIVERY SERVICE TERMS AND CONDITIONS (continued)

Appendix D

Re-entry Surcharge and Conversion Surcharge (continued)

D. Information to be Filed with the Commission:

As part of the annual Cost of Gas filing, the Company shall file with the Commission a report showing the number of customers assessed the Re-entry Surcharge and the Conversion Surcharge and the amount of revenue received for each charge through the prior April 30. Pursuant to the Company's Cost of Gas Clause, the Company will apply such revenues as credits to the Company's New Hampshire Division Cost of Gas.

The following Re-entry Surcharge and Conversion Surcharge shall be applicable for the periods of November 1, 2020-2021 through April 30, 2021-2022 and May 1, 2021-2022 through October 2021-2022.

Effective Dates:	November 1, 202 <u>01</u> - April 30, 202 <u>12</u>	May 1, 202 <u>12</u> – October 30, 202 <u>12</u>
Re-entry Surcharge:	\$0. 0012 <u>0000</u> per therm	\$0. 0011 - <u>0000</u> per therm
Conversion Surcharge, Low Load Factor (G-40, G-41, G-42):	\$0. 0012 <u>7543</u> per therm	\$0. 0011 <u>0000</u> per therm
Conversion Surcharge, High Load Factor (G-50, G-51, G-52):	\$0. 0984 <u>8641</u> per therm	\$0. 0011 <u>0000</u> per therm

Issued: November 49, 20202021Issued by:Robert B. HevertEffective: November 1, 20202021Title:Senior Vice President