Unitil

September 15, 2023

BY E-MAIL

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

Re: **Northern Utilities, Inc. -- DG 23-XXX**
2023 / 2024 Annual Cost of Gas and Associated Charges Filing

Dear Chair Goldner:

Enclosed please find redacted and confidential versions of Northern Utilities, Inc.'s ("Northern" or the "Company") proposed 2023 / 2024 Annual Cost of Gas ("COG") Adjustment filing and other proposed rate and tariff changes.

Northern respectfully requests approval for the following Tariff Sheets:

Sixth Revised Page 40 (COG);
Sixth Revised Page 41 (COG);
Seventeenth Revised Page 42 (COG);
Seventeenth Revised Page 43 (COG);
Eleventh Revised Page 62 (LDAC);
Twenty-fourth & Twenty-fifth Revised Page No. 86 (Rate Summaries);
Twenty-third & Twenty-fourth Revised Page No. 88 (Rate Summaries);
Seventh Revised Page 141 (Appendix A);
Sixth Revised Page 153 (Appendix C); and
Sixth Revised Page 158 (Appendix D).

The above listed Tariff Sheets are issued September 15, 2023 by Daniel Hurstak, Vice President and Treasurer, to be effective November 1, 2023 and May 1, 2024.

Sixth Revised Page 40 (COG) is a statement of the Company's anticipated direct and indirect costs of gas for the 2023 / 2024 Winter Period.

Sixth Revised Page 41 (COG) is a statement of the Company's anticipated direct and indirect costs of gas for the 2024 Summer Period.

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Seventeenth Revised Page 42 (COG) contains the calculations of the proposed 2023 / 2024 Winter Period COG Adjustment Rates for Residential and General Service (C&I) Sales Customers.

Seventeenth Revised Page 43 (COG) contains the calculations of the proposed 2024 Summer Period COG Adjustment Rates for Residential and General Service (C&I) Sales Customers.

Eleventh Revised Page 62 (LDAC) contains proposed rates for the Company's GAP, EEC, LRR, PTAM, ITMC, REC, RPC, RAAM, and ERC, all of which are components of the Company's Local Distribution Adjustment Charge (LDAC) Rate. Support for the ERC will be filed under separate cover.

Twenty-fourth Revised Page 86 and Twenty-third Revised Page 88, (Rate Summaries) have been updated to reflect the proposed 2023-2024 Winter Period COG and LDAC Rates.

Twenty-fifth Revised Page 86 and Twenty-fourth Revised Page 88 (Rate Summaries) have been updated to reflect the proposed 2024 Summer Period COG and LDAC Rates.

Seventh Revised Page 141 (Appendix A), Schedule of Administrative Fees and Charges, has been updated to reflect the Company's latest proposed Supplier Balancing Charge, Company Allowance Calculation and Peaking Service Demand Charge.

Sixth Revised Page 156 (Appendix C) lists the proposed Capacity Assignment Allocators.

Sixth Revised Page 158 (Appendix D) includes the proposed Re-entry Rate and Conversion Rate for November 2023 through April 2024, and for May through October 2024.

The proposed 2023 / 2024 Winter Season COG rate for Residential customers is $0.7282 per therm and the proposed 2024 Summer Season COG rate for Residential customers is $0.5117 per therm. The proposed LDAC Rate for Residential customers is $0.0883 per therm.

The typical bill for a Residential heating customer for the 2023 / 2024 Winter Season is projected to be $1,004.32. This is lower than the average 2022 / 2023 Winter Season bill by $159.91 or 13.7%.[1] The typical bill for a Residential heating customer for the 2024

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

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Summer Season is projected to be $314.46. This is higher than the 2023 Summer Season bill by $16.52 or 5.54%.

Please note the following pages of this filing contain the following CONFIDENTIAL data: delivered city-gate costs and delivered cost per dekatherm (Attachment NUI-FXW-12, pages 1 and 2 of 2); peaking demand cost estimates (Attachment NUI-FXW-5, page 5 of 6); asset management agreement ("AMA") revenue (Attachment NUI-FXW-5, page 6 of 6); natural gas commodity price forecast (Attachment NUI-FXW-10, page 1 of 3); the projected value of capacity assignment and AMA revenues (Attachment NUI-FXW-6, page 5 of 7); LNG inventory costs (Attachment NUI-CAK-7); total commodity cost and per unit commodity cost by supply source (Attachment NUI-FXW-8, pages 1 and 3 of 3); reconciliation costs and volumes (Attachment NUI-CAK-10, Form III, Schedule 4, pages 3 and 4 of 4); and detailed basis price information (Attachment NUI-FXW-9, pages 1 through 9, 11 and 12, and 14 through 16 of 16). The Company submits that this material falls within the provisions of Puc 201.06(a)(26), and it is relying upon the procedures outlined in Puc 201.06 and 201.07 to protect confidentiality.

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

Sincerely,

Patrick H. Taylor
Chief Regulatory Counsel

CC: Faisal Deen Arif, New Hampshire Department of Energy
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BEFORE THE STATE OF NEW HAMPSHIRE
PUBLIC UTILITIES COMMISSION

Northern Utilities, Inc.
DG 23-_____

Petition For Approval of 2023-2024 Winter and 2024 Summer Cost of Gas

Pursuant to Puc 202.01, RSA 374:2 and RSA 378:7, Northern Utilities, Inc. ("Northern" or "the Company") presents to the New Hampshire Public Utilities Commission (the "Commission") for approval its proposed Annual Cost of Gas ("COG") Adjustment filing including rates for the 2023-2024 winter period and for the 2024 summer period and other proposed rate and tariff changes. The Company is filing its COG to be effective November 1, 2023 and May 1, 2024. Specifically, Northern respectfully requests approval of the following Tariff Sheets:

Sixth Revised Page 40 (COG);
Sixth Revised Page 41 (COG);
Seventeenth Revised Page 42 (COG);
Seventeenth Revised Page 43 (COG);
Eleventh Revised Page 62 (LDAC);
Twenty-fourth & Twenty-fifth Revised Page No. 86 (Rate Summaries);
Twenty-third & Twenty-fourth Revised Page No. 88 (Rate Summaries);
Seventh Revised Page 141 (Appendix A);
Sixth Revised Page 153 (Appendix C); and
Sixth Revised Page 158 (Appendix D).

The above listed Tariff Sheets are issued September 15, 2023 by Daniel Hurstak, Vice President and Treasurer, to be effective November 1, 2023 and May 1, 2024.

In support of its petition, Northern submits the prefiled testimonies of Christopher A. Kahl, Senior Regulatory Analyst for Unitil Service Corp,.("Unitil Service"), Francis Wells, Manager of Gas Supply for Unitil Service, Elena Demeris, Senior Regulator Analyst for Unitil Service, and Daniel Nawazelski, Manager of Revenue Requirements for Unitil Service. In

further support of its petition, Northern respectfully states:

1. The Commission oversees the calculation of Northern's COG rates and LDAC components, and the accuracy thereof, to ensure just and reasonable rates. *Northern Utilities, Inc.*, Order No. 26,713 at 8 (October 27, 2022).

2. The Commission has broad statutory authority to set rates in addition to "powers inherent within its broad grant" of express authority. *Id.* (*citing Appeal of Verizon New England, Inc.*, 153 N.H. 50, 64-66 (2005)). The Commission applies the "just and reasonable" ratemaking standard of RSA 374:2 and RSA 378:7 when setting COG rates. *Id.* (*citing Northern Utilities, Inc.*, Order No. 25,891 (April 29, 2016)).

3. The proposed 2023 / 2024 Winter Season COG rate for Residential customers is $0.7282 per therm and the proposed 2024 Summer Season COG rate for Residential customers is $0.5117 per therm.

4. The proposed LDAC Rate for Residential customers is $0.0883 per therm.

5. The typical bill for a Residential heating customer for the 2023 / 2024 Winter Season is projected to be $1,004.32. This is lower than the average 2022 / 2023 Winter Season bill by $159.91 or 13.7%.

6. The typical bill for a Residential heating customer for the 2024 Summer Season is projected to be $314.46. This is higher than the average 2023 Summer Season bill by $16.52 or 5.54%.

For all of the reasons stated in this Petition and the accompanying Testimonies and Schedules, Northern respectfully requests that the Commission:

A. Find that the Company's proposed rates for the 2023-2024 winter period and for the 2024 summer period are just and reasonable; and
B. Approve the proposed rates for the 2023-2024 winter period and for the 2024 summer period, including other proposed rate and tariff changes contained in the Company's filings; and
C. Grant such other approvals and relief as may be just, necessary and

appropriate in the circumstances.

Respectfully submitted this 15th day of September, 2023.

Unitil Energy Systems, Inc.

By its attorney:

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Northern Utilities, Inc.

New Hampshire Division

2023 / 2024 WINTER & SUMMER SEASON
PROPOSED COST OF GAS ADJUSTMENT

WINTER RATES TO BE EFFECTIVE NOVEMBER 1, 2023

SUMMER RATES TO BE EFFECTIVE MAY 1, 2024

FILED SEPTEMBER 15, 2023

Northern Utilities, Inc.
New Hampshire Division
2023 / 2024 Annual Cost of Gas Filing
Winter and Summer Periods

Tariff Sheets

Sixth Revised Page No. 40
Calculation of proposed Cost of Gas Adjustment
Winter Season

Sixth Revised Page No. 41
Calculation of proposed Cost of Gas Adjustment
Summer Season

Seventeenth Revised Page No. 42
Calculation of proposed Cost of Gas Adjustment
Winter Season

Seventeenth Revised Page No. 43
Calculation of proposed Cost of Gas Adjustment
Summer Season

Eleventh Revised Page No. 62
LDAC Rates

Twenty-fourth & Twenty-fifth Revised Page No. 86
Rate Summary (Summer Season)
Residential Rate Classes

Twenty-third & Twenty-fourth Revised Page No. 88
Rate Summary (Summer Season)
Commercial / Industrial Rate Classes

Northern Utilities, Inc.
New Hampshire Division
2023 / 2024 Annual Cost of Gas Filing
Winter and Summer Periods

Seventh Revised Page No. 141
Appendix A
Supplier Balancing Charge &
Peaking Service Demand Charge

Sixth Revised Page No. 156
Appendix C
Capacity Allocators

Sixth Revised Page No. 158
Appendix D
Re-entry Rate & Conversion Rate

N.H.P.U.C No. 12 Sixth Revised Page 40
NORTHERN UTILITIES, INC. Superseding Fifth Revised Page 40

Anticipated Cost of Gas

New Hampshire Division
Period Covered: November 1, 2023 - April 30, 2024

(Col 1)	(Col 2)	(Col 3)
ANTICIPATED DIRECT COST OF GAS		
Purchased Gas:		
Demand Costs:	$4,367,366	
Supply Costs:	$7,242,684	
Storage & Peaking Gas:		
Demand, Capacity:	$13,183,877	
Commodity Costs:	$10,069,783	
Interruptible Included Above	$0	
Inventory Finance Charge	$8,639	
Capacity Release, & Asset Management	($10,298,558)	
Re-entry Rate & Conversion Rate Revenues	$ (25,000)	
Total Anticipated Direct Cost of Gas		$24,548,790
ANTICIPATED INDIRECT COST OF GAS		
Adjustments:		
Prior Period Under/(Over) Collection	($1,375,864)	
Interest	($77,319)	
Refunds	$0	
Interruptible Margins	$0	
Total Adjustments		($1,453,183)
Working Capital:		
Total Anticipated Direct Cost of Gas	$24,548,790	
Working Capital Percentage	0.2160%	
Working Capital Allowance	$ 53,021	
Plus: Working Capital Reconciliation (Acct 173)	~~$212~~	
Total Working Capital Allowance		$53,233
Bad Debt:		
Bad Debt Allowance	$136,573	
Plus: Bad Debt Reconciliation (Acct 173)	$20,873	
Total Bad Debt Allowance		$157,446
Local Production and Storage Capacity		$214,538
Miscellaneous Overhead-82.38% Allocated to Winter Season		$504,091
Total Anticipated Indirect Cost of Gas		($523,875)
Total Cost of Gas		$24,024,915

Issued: September 15, 2023 Issued By: Daniel Hurstak
Effective Date: November 1, 2023 Vice President and Treasurer
Authorized by NHPUC Order No. _____, in Docket No. DG 23-___, dated _____, 2023

N.H.P.U.C No. 12 Sixth Revised Page No. 41
NORTHERN UTILITIES, INC. Superseding Fifth Revised Page No. 41

Anticipated Cost of Gas

New Hampshire Division
Period Covered: May 1, 2024 - October 31, 2024

(Col 1)	(Col 2)	(Col 3)
ANTICIPATED DIRECT COST OF GAS		
Purchased Gas:		
Demand Costs:	$ 951,984	
Supply Costs:	$ 1,728,822	
Storage & Peaking Gas:		
Demand, Capacity:	$ 497,977	
Commodity Costs:	$ 41,833	
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		$ 3,220,615
ANTICIPATED INDIRECT COST OF GAS		
Adjustments:		
Prior Period Under/(Over) Collection	$298,724	
Interest	($47,448)	
Refunds	$0	
Interruptible Margins	$0	
Total Adjustments		$251,276
Working Capital:		
Total Anticipated Direct Cost of Gas	$3,220,615	
Working Capital Percentage	0.2160%	
Working Capital Allowance	$6,956	
Plus: Working Capital Reconciliation (Acct 173)	$45	
Total Working Capital Allowance		$7,001
Bad Debt:		
Bad Debt Allowance	$20,484	
Plus: Bad Debt Reconciliation (Acct 173)	$3,119	
Total Bad Debt Allowance		$23,603
Local Production and Storage Capacity		$0
Miscellaneous Overhead-17.62% Allocated to Summer Season		$107,784
Total Anticipated Indirect Cost of Gas		$389,663
Total Cost of Gas		$ 3,610,279

Issued: September 15, 2023 Issued By: Daniel Hurstak
Effective Date: May 1, 2024 Vice President and Treasurer
Authorized by NHPUC Order No. _____, in Docket No. DG 23-___, dated _____, 2023

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

Seventeenth Revised Page 42
Superseding Sixteenth Revised Page 42

CALCULATION OF FIRM SALES COST OF GAS RATE

Period Covered: November 1, 2023 - April 30, 2024

(Col 1)	(Col 2)	(Col 3)	
Total Anticipated Direct Cost of Gas	$24,487,416		
Projected Prorated Sales (11/01/23 - 04/30/24)	32,992,252		
Direct Cost of Gas Rate		$0.7422	per therm
Demand Cost of Gas Rate	$7,227,684	$0.2191	per therm
Commodity Cost of Gas Rate	$17,321,106	$0.5250	per therm
Total Direct Cost of Gas Rate	$24,548,790	**$0.7441**	per therm
Total Anticipated Indirect Cost of Gas	($523,875)		
Projected Prorated Sales (11/01/23 - 04/30/24)	32,992,252		
Indirect Cost of Gas		($0.0159)	per therm
TOTAL PERIOD AVERAGE COST OF GAS		**$0.7282**	**per therm**

RESIDENTIAL COST OF GAS RATE - 11/01/23	**COGwr**	**$0.7282**	**per therm**
	Maximum (COG+25%)	**$0.9103**	

COM/IND LOW WINTER USE COST OF GAS RATE - 11/01/23	**COGwl**	**$0.6587**	**per therm**
	Maximum (COG+25%)	**$0.8234**	

C&I HLF DEMAND COSTS ALLOCATED PER SMBA	$424,870
PLUS: RESIDENTIAL DEMAND RELOCATION TO C&I HLF	($1,676)
C&I HLF TOTAL ADJUSTED DEMAND COSTS	$423,195
C&I HLF PROJECTED PRORATED SALES (11/01/23 - 04/30/24)	2,480,131
DEMAND COST OF GAS RATE	**$0.1706**
C&I HLF COMMODITY COSTS ALLOCATED PER SMBA	$1,245,479
PLUS: RESIDENTIAL COMMODITY REALLOCATION TO C&I HLF	$4,566
C&I HLF TOTAL ADJUSTED COMMODITY COSTS	$1,250,045
C&I HLF PROJECTED PRORATED SALES (11/01/23 - 04/30/24)	2,480,131
COMMODITY COST OF GAS RATE	**$0.5040**
INDIRECT COST OF GAS	**($0.0159)**
TOTAL C&I HLF COST OF GAS RATE	**$0.6587**

COM/IND HIGH WINTER USE COST OF GAS RATE - 11/01/23	**COGwh**	**$0.7402**	**per therm**
	Maximum (COG+25%)	**$0.9253**	

C&I LLF COMMODITY COSTS ALLOCATED PER SMBA	$3,268,276
PLUS RESIDENTIAL DEMAND REALLOCATION TO C&I LLF	($12,889)
C&I LLF TOTAL ADJUSTED DEMAND COSTS	$3,255,387
C&I LLF PROJECTED PRORATED SALES (11/01/23 - 04/30/24)	14,311,515
DEMAND COST OF GAS RATE	**$0.2275**
C&I LLF COMMODITY COSTS ALLOCATED PER SMBA	$7,538,022
PLUS: RESIDENTIAL COMMODITY REALLOCATION TO C&I LLF	$27,635
C&I LLF TOTAL ADJUSTED COMMODITY COSTS	$7,565,657
C&I LLF PROJECTED PRORATED SALES (11/01/23 - 04/30/24)	14,311,515
COMMODITY COST OF GAS RATE	**$0.5286**
INDIRECT COST OF GAS	**($0.0159)**
TOTAL C&I LLF COST OF GAS RATE	**$0.7402**

Issued: September 15, 2023
Effective Date: November 1, 2023
Authorized by NHPUC Order No. _____, in Docket No. DG 23-___, dated _____.

Issued By: Daniel Hurstak
Vice President and Treasurer

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

Seventeenth Revised Page No. 43
Superseding Sixteenth Revised Page No. 43

CALCULATION OF FIRM SALES COST OF GAS RATE

Period Covered: May 1, 2024 - October 31, 2024

(Col 1)	(Col 2)	(Col 3)	
Total Anticipated Direct Cost of Gas	$3,220,615		
Projected Prorated Sales (05/01/24 - 10/31/24)	7,054,322		
Direct Cost of Gas Rate		$0.4565	per therm
Demand Cost of Gas Rate	$1,449,961	$0.2055	per therm
Commodity Cost of Gas Rate	$1,770,654	$0.2510	per therm
Total Direct Cost of Gas Rate	$3,220,615	**$0.4565**	per therm
Total Anticipated Indirect Cost of Gas	$389,663		
Projected Prorated Sales (05/01/24 - 10/31/24)	7,054,322		
Indirect Cost of Gas		$0.0552	per therm
TOTAL PERIOD AVERAGE COST OF GAS		**$0.5117**	**per therm**

RESIDENTIAL COST OF GAS RATE - 05/01/24	**COGwr**	**$0.5117**	**per therm**
	Maximum Preapproved Adjustment (COG+25%)*	**$0.6396**	

COM/IND LOW WINTER USE COST OF GAS RATE - 05/01/24	**COGwl**	**$0.4443**	**per therm**
	Maximum Preapproved Adjustment (COG+25%)*	**$0.5554**	

C&I HLF DEMAND COSTS ALLOCATED PER SMBA	$235,276
PLUS: RESIDENTIAL DEMAND RELOCATION TO C&I HLF	$21,784
C&I HLF TOTAL ADJUSTED DEMAND COSTS	$257,060
C&I HLF PROJECTED PRORATED SALES (05/01/24 - 10/31/24)	1,861,021
DEMAND COST OF GAS RATE	**$0.1381**
C&I HLF COMMODITY COSTS ALLOCATED PER SMBA	$467,121
PLUS: RESIDENTIAL COMMODITY REALLOCATION TO C&I HLF	$3
C&I HLF TOTAL ADJUSTED COMMODITY COSTS	$467,125
C&I HLF PROJECTED PRORATED SALES (05/01/24 - 10/31/24)	1,861,021
COMMODITY COST OF GAS RATE	**$0.2510**
INDIRECT COST OF GAS	**$0.0552**
TOTAL C&I HLF COST OF GAS RATE	**$0.4443**

COM/IND HIGH WINTER USE COST OF GAS RATE - 05/01/24	**COGwh**	**$0.5622**	**per therm**
	Maximum Preapproved Adjustment (COG+25%)*	**$0.7028**	

C&I LLF DEMAND COSTS ALLOCATED PER SMBA	$582,672
PLUS RESIDENTIAL DEMAND REALLOCATION TO C&I LLF	$53,949
C&I LLF TOTAL ADJUSTED DEMAND COSTS	$636,621
C&I LLF PROJECTED PRORATED SALES (05/01/24 - 10/31/24)	2,486,344
DEMAND COST OF GAS RATE	**$0.2560**
C&I LLF COMMODITY COSTS ALLOCATED PER SMBA	$624,079
PLUS: RESIDENTIAL COMMODITY REALLOCATION TO C&I LLF	$4
C&I LLF TOTAL ADJUSTED COMMODITY COSTS	$624,083
C&I LLF PROJECTED PRORATED SALES (05/01/24 - 10/31/24)	2,486,344
COMMODITY COST OF GAS RATE	**$0.2510**
INDIRECT COST OF GAS	**$0.0552**
TOTAL C&I LLF COST OF GAS RATE	**$0.5622**

Issued: September 15, 2023
Effective Date: May 1, 2024
Authorized by NHPUC Order No. _____, in Docket No. DG 23-___, dated _____.

Issued By: Daniel Hurstak
Vice President and Treasurer

Local Delivery Adjustment Clause

Rate Schedule	GAP	EEC	LRR	ERC	ITMC	RCE	RPC	PTAM	RAAM	LDAC
Residential Heating	$0.0061	$0.0520	$0.0000	$0.0023	$0.0000	$0.0000	$0.0269	$0.0000	$0.0010	$0.0883
Residential Non-Heating	$0.0061	$0.0520	$0.0000	$0.0023	$0.0000	$0.0000	$0.0269	$0.0000	$0.0010	$0.0883
Small C&I	$0.0061	$0.0257	$0.0000	$0.0023	$0.0000	$0.0000	$0.0011	$0.0000	$0.0010	$0.0362
Medium C&I	$0.0061	$0.0257	$0.0000	$0.0023	$0.0000	$0.0000	$0.0011	$0.0000	$0.0010	$0.0362
Large C&I	$0.0061	$0.0257	$0.0000	$0.0023	$0.0000	$0.0000	$0.0011	$0.0000	$0.0010	$0.0362
No Previous Sales Service										

Issued: September 15, 2023
Effective: With Service Rendered On and After November 1, 2023
Authorized by NHPUC Order No. in Docket No. DG 23-, dated , 2023

Issued by: Daniel Hurstak
Title: Vice President and Treasurer

NHPUC No. 12 - Gas
NORTHERN UTILITIES, INC.

Twenty-fourth Revised Page 86
Superseding Twenty-third Revised Page 86

NORTHERN UTILITIES - NEW HAMPSHIRE DIVISION
CURRENTLY EFFECTIVE RESIDENTIAL RATES

	Winter Season November 2023 - April 2024		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		$22.20	**$22.20**	**$22.20**
	All usage		$0.9259	**$1.0142**	**$1.7424**
	LDAC		**$0.0883**		
	Gas Cost Adjustment:				
	Cost of Gas		**$0.7282**		
Residential Heating	**Tariff Rate R 10:**				
Low Income	Monthly Customer Charge		$22.20	**$22.20**	**$22.20**
	All usage		$0.9259	**$1.0142**	**$1.7424**
	LDAC		**$0.0883**		
	Gas Cost Adjustment:				
	Cost of Gas		**$0.7282**		
	Monthly Customer Charge		($9.99)	**($9.99)**	**($9.99)**
	All usage		($0.4167)	**($0.4167)**	**($0.7443)**
	LDAC		$0.0000		
	Gas Cost Adjustment:				
	Cost of Gas		($0.3277)		
Residential Non-Heating	**Tariff Rate R 6:**				
	Monthly Customer Charge		$22.20	**$22.20**	**$22.20**
	All usage		$1.4005	**$1.4888**	**$2.2170**
	LDAC		**$0.0883**		
	Gas Cost Adjustment:				
	Cost of Gas		**$0.7282**		

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

Issued: September 15, 2023
Effective: With Service Rendered On and After November 1, 2023
Authorized by NHPUC Order Nos. _____ in Docket Nos. DG _____, dated _____

Issued by: **Daniel Hurstak**
Title: **Vice President and Treasurer**

NHPUC No. 12 - Gas
NORTHERN UTILITIES, INC.

Twenty-fifth Revised Page 86
Superseding Twenty-fourth Revised Page 86

NORTHERN UTILITIES - NEW HAMPSHIRE DIVISION
CURRENTLY EFFECTIVE RESIDENTIAL RATES

	Summer Season May 2024 - October 2024		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		$22.20	**$22.20**	**$22.20**
	All usage		$0.9259	**$1.0142**	**$1.5259**
	LDAC		**$0.0883**		
	Gas Cost Adjustment:				
	Cost of Gas		**$0.5117**		
Residential Heating	**Tariff Rate R 10:**				
Low Income	Monthly Customer Charge		$22.20	**$22.20**	**$22.20**
	All usage		$0.9259	**$1.0142**	**$1.5259**
	LDAC		**$0.0883**		
	Gas Cost Adjustment:				
	Cost of Gas		**$0.5117**		
Discount*	Monthly Customer Charge		$0.00	**$0.00**	**$0.00**
Discount*	All usage		$0.0000	**$0.0000**	**$0.0000**
Discount*	**LDAC**		$0.0000		
	Gas Cost Adjustment:				
Discount*	Cost of Gas		$0.0000		
Residential Non-Heating	**Tariff Rate R 6:**				
	Monthly Customer Charge		$22.20	**$22.20**	**$22.20**
	All usage		$1.4005	**$1.4888**	**$2.0005**
	LDAC		**$0.0883**		
	Gas Cost Adjustment:				
	Cost of Gas		**$0.5117**		

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

Issued: September 15, 2023
Effective: With Service Rendered On and After May 1, 2024
Authorized by NHPUC Order Nos. _____ in Docket Nos. DG _____, dated _____

Issued by: Daniel Hurstak
Title: Vice President and Treasurer

NHPUC No. 12 - Gas
NORTHERN UTILITIES, INC.

Twenty-third Revised Page 88
Superseding Twenty-second Revised Page 88

NORTHERN UTILITIES - NEW HAMPSHIRE DIVISION

CURRENTLY EFFECTIVE C & I RATES

	Winter Season November 2023 - April 2024	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	$80.00	**$80.00**	**$80.00**
	All usage	$0.2554	**$0.2916**	**$1.0318**
	LDAC	**$0.0362**		
	Gas Cost Adjustment:			
	Cost of Gas	**$0.7402**		
C&I Low Annual/Low Winter	**Tariff Rate G 50:**			
	Monthly Customer Charge	$80.00	**$80.00**	**$80.00**
	All usage	$0.2338	**$0.2700**	**$0.9287**
	LDAC	**$0.0362**		
	Gas Cost Adjustment:			
	Cost of Gas	**$0.6587**		
C&I Medium Annual/High Winter	**Tariff Rate G 41:**			
	Monthly Customer Charge	$225.00	**$225.00**	**$225.00**
	All usage	$0.2881	**$0.3243**	**$1.0645**
	LDAC	**$0.0362**		
	Gas Cost Adjustment:			
	Cost of Gas	**$0.7402**		
C&I Medium Annual/Low Winter	**Tariff Rate G 51:**			
	Monthly Customer Charge	$225.00	**$225.00**	**$225.00**
	All usage	$0.1763	**$0.2125**	**$0.8712**
	LDAC	**$0.0362**		
	Gas Cost Adjustment:			
	Cost of Gas	**$0.6587**		
C&I High Annual/High Winter	**Tariff Rate G 42:**			
	Monthly Customer Charge	$1,350.00	**$1,350.00**	**$1,350.00**
	All usage	$0.2182	**$0.2544**	**$0.9946**
	LDAC	**$0.0362**		
	Gas Cost Adjustment:			
	Cost of Gas	**$0.7402**		
C&I High Annual/Low Winter	**Tariff Rate G 52:**			
	Monthly Customer Charge	$1,350.00	**$1,350.00**	**$1,350.00**
	All usage	$0.1791	**$0.2153**	**$0.8740**
	LDAC	**$0.0362**		
	Gas Cost Adjustment:			
	Cost of Gas	**$0.6587**		

Issued: September 15, 2023 **Issued by: Daniel Hurstak**
Effective: With Service Rendered On and After November 1, 2023 **Title: Vice President and Treasurer**
Authorized by NHPUC Order Nos. _____ in Docket Nos. DG _____, dated _____

NHPUC No. 12 - Gas
NORTHERN UTILITIES, INC.

Twenty-fourth Revised Page 88
Superseding twenty-third Revised Page 88

NORTHERN UTILITIES - NEW HAMPSHIRE DIVISION

CURRENTLY EFFECTIVE C & I RATES

	Summer Season May 2024 - October 2024	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	$80.00	**$80.00**	**$80.00**
	All usage	$0.2554	**$0.2916**	**$0.8538**
	LDAC	**$0.0362**		
	Gas Cost Adjustment:			
	Cost of Gas	**$0.5622**		
C&I Low Annual/Low Winter	**Tariff Rate G 50:**			
	Monthly Customer Charge	$80.00	**$80.00**	**$80.00**
	All usage	$0.2338	**$0.2700**	**$0.7143**
	LDAC	**$0.0362**		
	Gas Cost Adjustment:			
	Cost of Gas	**$0.4443**		
C&I Medium Annual/High Winter	**Tariff Rate G 41:**			
	Monthly Customer Charge	$225.00	**$225.00**	**$225.00**
	All usage	$0.2881	**$0.3243**	**$0.8865**
	LDAC	**$0.0362**		
	Gas Cost Adjustment:			
	Cost of Gas	**$0.5622**		
C&I Medium Annual/Low Winter	**Tariff Rate G 51:**			
	Monthly Customer Charge	$225.00	**$225.00**	**$225.00**
	All usage	$0.1763	**$0.2125**	**$0.6568**
	LDAC	**$0.0362**		
	Gas Cost Adjustment:			
	Cost of Gas	**$0.4443**		
C&I High Annual/High Winter	**Tariff Rate G 42:**			
	Monthly Customer Charge	$1,350.00	**$1,350.00**	**$1,350.00**
	All usage	$0.2182	**$0.2544**	**$0.8166**
	LDAC	**$0.0362**		
	Gas Cost Adjustment:			
	Cost of Gas	**$0.5622**		
C&I High Annual/Low Winter	**Tariff Rate G 52:**			
	Monthly Customer Charge	$1,350.00	**$1,350.00**	**$1,350.00**
	All usage	$0.1094	**$0.1456**	**$0.5899**
	LDAC	**$0.0362**		
	Gas Cost Adjustment:			
	Cost of Gas	**$0.4443**		

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NHPUC No. 12 – Gas
Northern Utilities, Inc.

Seventh Revised Page 141
Superseding Sixth Revised Page 141

VII. DELIVERY SERVICE TERMS AND CONDITION

APPENDIX A

Schedule of Administrative Fees and Charges

I. Supplier Balancing Charge: **$0.82 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: **$ 94.46 per MMBtu** per MDPQ per month for November 2023 through April 2024. 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: **0.72% -** Provided in Attachment NUI-FXW-3

IV. Supplier Services and Associated Fees:

SERVICE	PRICING
Pool Administration (required) **Non-Daily Metered Pools only**	• $0.10/month/customer billed @ marketer level
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

VI. Meter Read via Cellular Service: $20.00 per month

Issued: September 15, 2023 Issued by: Daniel Hurstak
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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, 2023 through October 31, 2024.

	Commercial and Industrial	
	High Winter Use	Low Winter Use
Pipeline:	14.38%	64.41%
Storage:	47.63%	19.80%
Peaking:	37.99%	15.79%

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Vice President and Treasurer
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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, 2023 through April 30, 2024 and May 1, 2024 through October 2024.

Effective Dates:	**November 1, 2023 – April 30, 2024**	**May 1, 2024 – October 30, 2024**
Re-entry Surcharge:	$0.0431 per therm	$0.0000 per therm
Conversion Surcharge, Low Load Factor (G-40, G-41, G-42):	$0.4875 per therm	$0.0000 per therm
Conversion Surcharge, High Load Factor (G-50, G-51, G-52):	$0.5690 per therm	$0.0000 per therm

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

~~Fifth~~Sixth Revised Page 40
Superseding ~~Fourth~~Fifth Revised Page 40

Anticipated Cost of Gas

New Hampshire Division
Period Covered: November 1, 20~~22~~23 - October 31, 20~~23~~24

(Col 1)	(Col 2)		(Col 3)	
ANTICIPATED DIRECT COST OF GAS				
Purchased Gas:				
Demand Costs:	~~$ 6,358,704~~	$ 4,367,366		
Supply Costs:	~~$ 20,129,627~~	$ 7,242,684		
Storage & Peaking Gas:				
Demand, Capacity:	~~$ 12,558,149~~	$ 13,183,877		
Commodity Costs:	~~$ 11,531,102~~	$ 10,069,783		
Interruptible Included Above	~~$ -~~	$ -		
Inventory Finance Charge	~~$ 6,382~~	$ 8,639		
Capacity Release	~~$ (8,570,786)~~	$ (10,298,558)		
Re-entry Rate & Conversion Rate Revenues	~~$ (5,000)~~	$ (25,000)		
Total Anticipated Direct Cost of Gas			~~$ 42,008,180~~	$ 24,548,790
ANTICIPATED INDIRECT COST OF GAS				
Adjustments:				
Prior Period Under/(Over) Collection	~~$ (2,757,176)~~	$ (1,375,864)		
Interest	~~$ (54,387)~~	$ (77,319)		
Refunds	~~$ -~~	$ -		
Interruptible Margins	~~$ -~~	$ -		
Total Adjustments			~~$ (2,811,563)~~	$ (1,453,183)
Working Capital:				
Total Anticipated Direct Cost of Gas	~~$ 42,008,180~~	$ 24,548,790		
Working Capital Percentage	~~0.1588%~~	0.2160%		
Working Capital Allowance	~~$ 66,714~~	$ 53,021		
Plus: Working Capital Reconciliation (Acct 173)	~~$ 7,437~~	$ 212		
Total Working Capital Allowance			~~$ 74,150~~	$ 53,233
Bad Debt:				
Bad Debt Allowance	~~$ 121,564~~	$ 136,573		
Plus: Bad Debt Reconciliation (Acct 173)	~~$ (10,671)~~	$ 20,873		
Total Bad Debt Allowance			~~$ 110,893~~	$ 157,446
Local Production and Storage Capacity			~~$ 214,538~~	$ 214,538
Miscellaneous Overhead-~~80.46~~82.38% Allocated to Winter Season			~~$ 492,287~~	$ 504,091
Total Anticipated Indirect Cost of Gas			~~$ (1,919,694)~~	$ (523,875)
Total Cost of Gas			~~$ 40,088,486~~	$ 24,024,915

Issued: ~~November 2,2022~~September 15, 2023
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~~Senior~~ Vice President and Treasurer

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

~~Fifth~~Sixth Revised Page 41
Superseding ~~Fourth~~Fifth Revised Page 41

Anticipated Cost of Gas

New Hampshire Division
Period Covered: May 1, 20~~23~~24 - October 31, 20~~23~~24

(Col 1)	(Col 2)	(Col 2)	(Col 3)	(Col 3)
ANTICIPATED DIRECT COST OF GAS				
Purchased Gas:				
Demand Costs:	~~$1,055,340~~	$951,984		
Supply Costs:	~~$4,140,569~~	$1,728,822		
Storage & Peaking Gas:				
Demand, Capacity:	~~$397,527~~	$497,977		
Commodity Costs:	~~$162,908~~	$41,833		
Interruptible Included Above	$0	$0		
Inventory Finance Charge	$0	$0		
Capacity Release & Asset Management	$0	$0		
Re-entry Rate & Conversion Rate Revenues	$0	$0		
Total Anticipated Direct Cost of Gas			~~$5,756,344~~	$3,220,615
ANTICIPATED INDIRECT COST OF GAS				
Adjustments:				
Prior Period Under/(Over) Collection	~~$94,114~~	$298,724		
Interest	~~($31,303)~~	($47,448)		
Refunds	$0	$0		
Interruptible Margins	$0	$0		
Total Adjustments			~~$62,811~~	$251,276
Working Capital:				
Total Anticipated Direct Cost of Gas	~~$5,756,344~~	$3,220,615		
Working Capital Percentage	~~0.1588%~~	0.2160%		
Working Capital Allowance	~~$9,142~~	$6,956		
Plus: Working Capital Reconciliation (Acct 173)	~~$1,807~~	$45		
Total Working Capital Allowance			~~$10,948~~	$7,001
Bad Debt:				
Bad Debt Allowance	~~$17,079~~	$20,484		
Plus: Bad Debt Reconciliation (Acct 173)	~~($562)~~	$3,119		
Total Bad Debt Allowance			~~$16,517~~	$23,603
Local Production and Storage Capacity			~~$0~~	$0
Miscellaneous Overhead ~~19.54~~17.64% Allocated to the Summer Season			~~$119,588~~	$107,784
Total Anticipated Indirect Cost of Gas			~~$209,865~~	$389,663
Total Cost of Gas			~~$5,966,208~~	$3,610,279

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~~Robert B. Hevert~~ Daniel Hurstak
~~Senior~~ Vice President and Treasurer

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

~~Sixteenth~~ Seventeenth Revised Page 42
Superseding ~~Fifteenth~~ Sixteenth Revised Page 42

CALCULATION OF FIRM SALES COST OF GAS RATE

Period Covered: November 1, 202~~2~~3 - April 30, 202~~3~~4

(Col 1)	(Col 2)		(Col 3)		
Total Anticipated Direct Cost of Gas	~~$42,008,180~~	$24,487,416			
Projected Prorated Sales (11/01/~~22~~23 - 04/30/~~23~~24)	~~35,507,405~~	32,992,252			
Direct Cost of Gas Rate			~~$1.1831~~	$0.7422	per therm
Demand Cost of Gas Rate	~~$10,341,068~~	$7,227,684	~~$0.2912~~	$0.2191	per therm
Commodity Cost of Gas Rate	~~$31,667,112~~	$17,321,106	~~$0.8918~~	$0.5250	per therm
Total Direct Cost of Gas Rate	~~$42,008,180~~	$24,548,790	~~$1.1830~~	**$0.7441**	per therm
Total Anticipated Indirect Cost of Gas	~~($1,919,694)~~	($523,875)			
Projected Prorated Sales (11/01/~~22~~23 - 04/30/~~23~~24)	~~35,507,405~~	32,992,252			
Indirect Cost of Gas			~~($0.0541)~~	($0.0159)	per therm
TOTAL PERIOD AVERAGE COST OF GAS			**~~$1.1289~~**	**$0.7282**	**per therm**
~~**Period ending under-collection to be recovered as determined on 11/21/2022**~~			~~($914,844)~~		
~~**Projected Sales (12/01/22 - 04/30/2023)**~~			~~30,815,599~~		
~~**Per unit change in Cost of Gas (12/01/2\21 - 04/30/23)**~~			~~($0.0297)~~		
~~**Period ending under-collection to be recovered as determined on 12/21/2022**~~			~~($994,037)~~		
~~**Projected Sales (01/01/23 - 04/30/2023)**~~			~~24,038,417~~		
~~**Per unit change in Cost of Gas (01/01/23 - 04/30/23)**~~			~~($0.0414)~~		
~~**Period ending under-collection to be recovered as determined on 2/21/2023**~~			~~($1,014,281)~~		
~~**Projected Sales (03/01/23 - 04/30/2023)**~~			~~9,189,971~~		
~~**Per unit change in Cost of Gas (03/01/23 - 04/30/23)**~~			~~($0.1104)~~		
~~**Period ending under-collection to be recovered as determined on 3/22/2023**~~			~~($864,528)~~		
~~**Projected Sales (04/01/23 - 04/30/2023)**~~			~~3,360,882~~		
~~**Per unit change in Cost of Gas (04/01/23 - 04/30/23)**~~			~~($0.2572)~~		

RESIDENTIAL COST OF GAS RATE - ~~04/01/23~~ 11/01/2023	**COGwr**	**~~$0.6902~~**	**$0.7282**	**per therm**
	Maximum (COG+25%)	**~~$1.4111~~**	**$0.9103**	
~~RESIDENTIAL COST OF GAS RATES - 11/01/2022~~		~~$1.1289~~		
~~CHANGE IN PER UNIT COST~~		~~($0.0297)~~		
~~RESIDENTIAL COST OF GAS RATES - 12/01/2022~~		~~$1.0992~~		
~~CHANGE IN PER UNIT COST~~		~~($0.0414)~~		
~~RESIDENTIAL COST OF GAS RATES - 01/01/2023~~		~~$1.0578~~		
~~CHANGE IN PER UNIT COST~~		~~($0.1104)~~		
~~RESIDENTIAL COST OF GAS RATES - 03/01/2023~~		~~$0.9474~~		
~~CHANGE IN PER UNIT COST~~		~~($0.2572)~~		
~~RESIDENTIAL COST OF GAS RATES - 04/01/2023~~		~~$0.6902~~		

COM/IND LOW WINTER USE COST OF GAS RATE - ~~04/01/23~~ 11/01/2023	**COGwl**	**~~$0.6149~~**	**$0.6587**	**per therm**
	Maximum (COG+25%)	**~~$1.3170~~**	**$0.8234**	
~~COM/IND LOW WINTER USE COST OF GAS RATES - 11/01/2022~~		~~$1.0536~~		
~~CHANGE IN PER UNIT COST~~		~~($0.0297)~~		
~~COM/IND LOW WINTER USE COST OF GAS RATES - 12/01/2022~~		~~$1.0239~~		
~~CHANGE IN PER UNIT COST~~		~~($0.0414)~~		
~~COM/IND LOW WINTER USE COST OF GAS RATES - 01/01/2023~~		~~$0.9825~~		
~~CHANGE IN PER UNIT COST~~		~~($0.1104)~~		
~~COM/IND LOW WINTER USE COST OF GAS RATES - 03/01/203~~		~~$0.8721~~		
~~CHANGE IN PER UNIT COST~~		~~($0.2572)~~		
~~COM/IND LOW WINTER USE COST OF GAS RATES - 04/01/2023~~		~~$0.6149~~		
C&I HLF DEMAND COSTS ALLOCATED PER SMBA	$424,870			
PLUS: RESIDENTIAL DEMAND RELOCATION TO C&I HLF	($1,676)			
C&I HLF TOTAL ADJUSTED DEMAND COSTS	$423,195			
C&I HLF PROJECTED PRORATED SALES (11/01/23 - 04/30/24)	2,480,131			
DEMAND COST OF GAS RATE	$0.1706			
C&I HLF COMMODITY COSTS ALLOCATED PER SMBA	$1,245,479			
PLUS: RESIDENTIAL COMMODITY REALLOCATION TO C&I HLF	$4,566			
C&I HLF TOTAL ADJUSTED COMMODITY COSTS	$1,250,045			
C&I HLF PROJECTED PRORATED SALES (11/01/23 - 04/30/24)	2,480,131			
COMMODITY COST OF GAS RATE	$0.5040			
INDIRECT COST OF GAS	($0.0159)			
TOTAL C&I HLF COST OF GAS RATE	$0.6587			

COM/IND HIGH WINTER USE COST OF GAS RATE - ~~04/01/23~~ 11/01/2023	**COGwh**	**~~$0.7041~~**	**$0.7402**	**per therm**
	Maximum (COG+25%)	**~~$1.4285~~**	**$0.9253**	
~~COM/IND HIGH WINTER USE COST OF GAS RATES - 11/01/2022~~		~~$1.1428~~		
~~CHANGE IN PER UNIT COST~~		~~($0.0297)~~		
~~COM/IND HIGH WINTER USE COST OF GAS RATES - 12/01/2022~~		~~$1.1131~~		
~~CHANGE IN PER UNIT COST~~		~~($0.0414)~~		
~~COM/IND HIGH WINTER USE COST OF GAS RATES - 01/01/2023~~		~~$1.0717~~		
~~CHANGE IN PER UNIT COST~~		~~($0.1104)~~		
~~COM/IND HIGH WINTER USE COST OF GAS RATES - 03/01/2023~~		~~$0.9613~~		
~~CHANGE IN PER UNIT COST~~		~~($0.2572)~~		
~~COM/IND HIGH WINTER USE COST OF GAS RATES - 04/01/2023~~		~~$0.7041~~		
C&I LLF DEMAND COSTS ALLOCATED PER SMBA	$3,268,276			
PLUS RESIDENTIAL DEMAND REALLOCATION TO C&I LLF	($12,889)			
C&I LLF TOTAL ADJUSTED DEMAND COSTS	$3,255,387			
C&I LLF PROJECTED PRORATED SALES (11/01/23 - 04/30/24)	$14,311,515			
DEMAND COST OF GAS RATE	$0.2275			
C&I LLF COMMODITY COSTS ALLOCATED PER SMBA	$7,538,022			
PLUS: RESIDENTIAL COMMODITY REALLOCATION TO C&I LLF	$27,635			
C&I LLF TOTAL ADJUSTED COMMODITY COSTS	$7,565,657			
C&I LLF PROJECTED PRORATED SALES (11/01/23 - 04/30/24)	14,311,515			
COMMODITY COST OF GAS RATE	$0.5286			
INDIRECT COST OF GAS	($0.0159)			
TOTAL C&I LLF COST OF GAS RATE	$0.7402			

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

~~Sixteenth~~Seventeenth Revised Page No. 43
Superseding ~~Fourteenth~~Sixteenth Page No. 43

CALCULATION OF FIRM SALES COST OF GAS RATE

Period Covered: May 1, 2023~~4~~ - October 31, 2023~~4~~

(Col 1)	(Col 2)		(Col 3)		
Total Anticipated Direct Cost of Gas	~~$5,756,344~~	$3,220,615			
Projected Prorated Sales (05/01/2123~~4~~- 10/31/2023~~4~~)	~~8,625,565~~	7,054,322			
Direct Cost of Gas Rate			~~$0.6674~~	$0.4565	per therm
Demand Cost of Gas Rate	~~$1,452,867~~	$1,449,961	~~$0.1684~~	$0.2055	per therm
Commodity Cost of Gas Rate	~~$4,303,477~~	$1,770,654	~~$0.4989~~	$0.2510	per therm
Total Direct Cost of Gas Rate	~~$5,756,344~~	$3,220,615	**~~$0.6673~~**	**$0.4565**	per therm
Total Anticipated Indirect Cost of Gas	~~$209,865~~	$389,663			
Projected Prorated Sales (05/01/2123~~4~~- 10/31/2023~~4~~)	~~8,625,565~~	7,054,322			
Indirect Cost of Gas			~~$0.0243~~	$0.0552	per therm
TOTAL PERIOD AVERAGE COST OF GAS			**~~$0.6916~~**	**$0.5117**	**per therm**
~~**Period ending under-collection to be recovered - per April Report**~~	~~($2,767,026)~~				
~~**Projected sales (05/01/23 - 10/31/23)**~~	~~8,625,565~~				
~~**Per unit change in Cost of Gas (05/01/23 - 10/31/23)**~~	~~($0.3208)~~				

RESIDENTIAL COST OF GAS RATE ~~09~~05/01/~~23~~24	**COGwr**	**~~$0.3708~~**	**$0.5117**	**per therm**
	Maximum Preapproved Adjustment (COG+25%)*	**~~$0.8645~~**	**$0.6396**	
~~INITIAL RESIDENTIAL COST OF GAS RATE - 05/01/23~~		~~$0.6916~~		
~~CHANGE IN PER UNIT COST~~		~~($0.3208)~~		
~~REVISED RESIDENTIAL COST OF GAS RATE - 05/01/23~~		~~$0.3708~~		

COM/IND LOW WINTER USE COST OF GAS RATE ~~09~~05/01/~~23~~24	**COGwl**	**~~$0.3123~~**	**$0.4443**	**per therm**
	Maximum Preapproved Adjustment (COG+25%)*	**~~$0.7914~~**	**$0.5554**	
~~INITIAL COM/IND LOW WINTER USE COST OF GAS RATE - 5/01/23~~		~~$0.6331~~		
~~CHANGE IN PER UNIT COST~~		~~($0.3208)~~		
~~REVISED COM/IND LOW WINTER USE COST OF GAS RATE - 05/01/23~~		~~$0.3123~~		

C&I HLF DEMAND COSTS ALLOCATED PER SMBA	$235,276
PLUS: RESIDENTIAL DEMAND RELOCATION TO C&I HLF	$21,784
C&I HLF TOTAL ADJUSTED DEMAND COSTS	$257,060
C&I HLF PROJECTED PRORATED SALES (05/01/24 - 10/31/24)	1,861,021
DEMAND COST OF GAS RATE	**$0.1381**
C&I HLF COMMODITY COSTS ALLOCATED PER SMBA	$467,121
PLUS: RESIDENTIAL COMMODITY REALLOCATION TO C&I HLF	$3
C&I HLF TOTAL ADJUSTED COMMODITY COSTS	$467,125
C&I HLF PROJECTED PRORATED SALES (05/01/24 - 10/31/24)	1,861,021
COMMODITY COST OF GAS RATE	**$0.2510**
INDIRECT COST OF GAS	**$0.0552**
TOTAL C&I HLF COST OF GAS RATE	**$0.4443**

COM/IND HIGH WINTER USE COST OF GAS RATE ~~09~~05/01/~~23~~24	**COGwh**	**~~$0.4175~~**	**$0.5622**	**per therm**
	Maximum Preapproved Adjustment (COG+25%)*	**~~$0.9229~~**	**$0.7028**	
~~INITIAL COM/IND HIGH WINTER USE COST OF GAS RATE - 05/01/22~~		~~$0.7383~~		
~~CHANGE IN PER UNIT COST~~		~~($0.3208)~~		
~~REVISED COM/IND HIGH WINTER USE COST OF GAS RATE - 05/01/22~~		~~$0.4175~~		

C&I LLF COMMODITY COSTS ALLOCATED PER SMBA	$582,672
PLUS RESIDENTIAL DEMAND REALLOCATION TO C&I LLF	$53,949
C&I LLF TOTAL ADJUSTED DEMAND COSTS	$636,621
C&I LLF PROJECTED PRORATED SALES (05/01/24 - 10/31/24)	2,486,344
DEMAND COST OF GAS RATE	**$0.2560**
C&I LLF COMMODITY COSTS ALLOCATED PER SMBA	$624,079
PLUS: RESIDENTIAL COMMODITY REALLOCATION TO C&I LLF	$4
C&I LLF TOTAL ADJUSTED COMMODITY COSTS	$624,083
C&I LLF PROJECTED PRORATED SALES (05/01/24 - 10/31/24)	2,486,344
COMMODITY COST OF GAS RATE	**$0.2510**
INDIRECT COST OF GAS	**$0.0552**
TOTAL C&I LLF COST OF GAS RATE	**$0.5622**

Issued: ~~August 21~~ September 15, 2022~~3~~
Effective Date: ~~September 1, 2022~~ May 1, 2024
Authorized by NHPUC Order No. ~~26,539~~, in Docket No. DG ~~21-131~~, dated ~~October 29, 2021~~.
~~& Order No. 626 in Docket No. DG 21-131, dated June 12, 2022.~~

~~Robert B. Hevert~~ Daniel Hursak
~~Senior Vice President~~ Vice President and Treasurer

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

Eleventh ~~Tenth~~ Revised Page 62
Superseding *Tenth* ~~Ninth~~ Revised Page 62

Local Delivery Adjustment Clause

Rate Schedule	~~GAP~~	*GAP*	EEC	LRR	~~ERC~~	*ERC*	ITMC	~~RCE~~	*RCE*	~~RPC~~	*RPC*	~~PTAM~~	*PTAM*	~~RAAM~~	*RAAM*	*LDAC*	~~LDAC~~
Residential Heating	~~$0.0037~~	*$0.0061*	$0.0520	$0.0000	~~$0.0058~~	*$0.0023*	$0.0000	~~$0.0048~~	*$0.0000*	~~$0.1206~~	*$0.0269*	~~$0.0000~~	*$0.0000*	~~$0.0002~~	*$0.0010*	*$0.0883*	~~$0.1871~~
Residential Non-Heating	~~$0.0037~~	*$0.0061*	$0.0520	$0.0000	~~$0.0058~~	*$0.0023*	$0.0000	~~$0.0048~~	*$0.0000*	~~$0.1206~~	*$0.0269*	~~$0.0000~~	*$0.0000*	~~$0.0002~~	*$0.0010*	*$0.0883*	~~$0.1871~~
Small C&I	~~$0.0037~~	*$0.0061*	$0.0257	$0.0000	~~$0.0058~~	*$0.0023*	$0.0000	~~$0.0048~~	*$0.0000*	~~$0.0101~~	*$0.0011*	~~$0.0000~~	*$0.0000*	~~$0.0002~~	*$0.0010*	*$0.0362*	~~$0.0503~~
Medium C&I	~~$0.0037~~	*$0.0061*	$0.0257	$0.0000	~~$0.0058~~	*$0.0023*	$0.0000	~~$0.0048~~	*$0.0000*	~~$0.0101~~	*$0.0011*	~~$0.0000~~	*$0.0000*	~~$0.0002~~	*$0.0010*	*$0.0362*	~~$0.0503~~
Large C&I	~~$0.0037~~	*$0.0061*	$0.0257	$0.0000	~~$0.0058~~	*$0.0023*	$0.0000	~~$0.0048~~	*$0.0000*	~~$0.0101~~	*$0.0011*	~~$0.0000~~	*$0.0000*	~~$0.0002~~	*$0.0010*	*$0.0362*	~~$0.0503~~
No Previous Sales Service																	

Issued: *September* ~~December~~ 15, 202*3* ~~2~~
Effective: With Service Rendered On and After *November* ~~January~~ 1, 2023
Authorized by NHPUC Order No. ~~26,745~~ in Docket No. ~~DE 22-081~~, dated ~~December 14, 2022~~

Issued by: *Daniel Hurstak* ~~Robert B. Hevert~~
Title: ~~Senior~~ Vice President *and Treasurer*

NHPUC No. 12 - Gas
NORTHERN UTILITIES, INC.

~~Twenty-third~~ Twenty-fourth Revised Page 86
Superseding ~~Twenty-second~~ Twenty-third Page 86

NORTHERN UTILITIES - NEW HAMPSHIRE DIVISION

CURRENTLY EFFECTIVE RESIDENTIAL RATES

	~~Summer~~ Winter Season ~~May 2023 - October 2023~~ November 2023 - April 2024	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	$22.20	**$22.20**	**$22.20**
	All usage	$0.9259	~~$1.1130~~ $1.0142	~~$1.8032~~ $1.7424
	LDAC	~~$0.1871~~ $0.0883		
	Gas Cost Adjustment:			
	Cost of Gas	~~$0.6902~~ $0.7282		
Residential Heating Low income	**Tariff Rate R 10:**			
	Monthly Customer Charge	$22.20	**$22.20**	**$22.20**
	All usage	$0.9259	~~$1.1130~~ $1.0142	~~$1.8032~~ $1.7424
	LDAC	~~$0.1871~~ $0.0883		
	Gas Cost Adjustment:			
	Cost of Gas	~~$0.6902~~ $0.7282		
	Monthly Customer Charge	~~$0.0000~~ ($9.99)	($9.99)	($9.99)
	All usage	~~$0.0000~~ ($0.4167)	~~$0.0000~~ **($0.4167)**	~~$0.0000~~ **($0.7443)**
	LDAC	$0.0000		
	Gas Cost Adjustment:			
	Cost of Gas	~~$0.0000~~ ($0.3277)		
Residential Non-Heating	**Tariff Rate R 6:**			
	Monthly Customer Charge	$22.20	**$22.20**	**$22.20**
	All usage	$1.4005	~~$1.5876~~ $1.4888	~~$2.2778~~ $2.2170
	LDAC	~~$0.1871~~ $0.0883		
	Gas Cost Adjustment:			
	Cost of Gas	~~$0.6902~~ $0.7282		

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

Issued: ~~July 19~~ September 15, 2023
Effective: With Service Rendered On and After ~~August~~November 1, 2023
Authorized by NHPUC Order Nos. ~~26,713~~ _____in Docket Nos. DG ~~22-059~~_____, dated ~~October 27, 2022~~ _____

Issued by: ~~Robert B. Hevert~~Daniel Hurstak
Title: ~~Senior~~ Vice President and Treasurer

NHPUC No. 12 - Gas
NORTHERN UTILITIES, INC.

~~Twenty-fourth~~ Twenty-fifth Revised Page 86
Superseding ~~Twenty-third~~ Twenty-fourth Page 86

NORTHERN UTILITIES - NEW HAMPSHIRE DIVISION

CURRENTLY EFFECTIVE RESIDENTIAL RATES

	~~Winter~~ Summer Season May 2024 - October 2024 ~~November 2023 - April 2024~~	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	$22.20	**$22.20**	**$22.20**
	All usage	$0.9259	~~$1.1130~~ $1.0142	~~$1.4838~~ $1.5259
	LDAC	~~$0.1871~~ $0.0883		
	Gas Cost Adjustment:			
	Cost of Gas	~~$0.3708~~ $0.5117		
Residential Heating	**Tariff Rate R 10:**			
Low income	Monthly Customer Charge	$22.20	**$22.20**	**$22.20**
	All usage	$0.9259	~~$1.1130~~ $1.0142	~~$1.4838~~ $1.5259
	LDAC	~~$0.1871~~ $0.0883		
	Gas Cost Adjustment:			
	Cost of Gas	~~$0.3708~~ $0.5117		
Discount	Monthly Customer Charge	~~($9.99)~~ $0.0000	~~($9.99)~~ $0.0000	~~($9.99)~~ $0.0000
Discount	All usage	~~($0.4167)~~ $0.0000	~~($0.4167)~~ $0.0000	~~($0.5835)~~ $0.0000
Discount	**LDAC**	$0.0000 $0.0000		
	Gas Cost Adjustment:			
Discount	Cost of Gas	~~($0.1669)~~ $0.0000		
Residential Non-Heating	**Tariff Rate R 6:**			
	Monthly Customer Charge	$22.20	**$22.20**	**$22.20**
	All usage	$1.4005	~~$1.5876~~ $1.4888	~~$1.9584~~ $2.0005
	LDAC	~~$0.1871~~ $0.0883		
	Gas Cost Adjustment:			
	Cost of Gas	~~$0.3708~~ $0.5117		

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

Issued: September 15, 2023
Effective: With Service Rendered On and After ~~November 1, 2023~~May 1, 2024
Authorized by NHPUC Order Nos. ~~26,713~~ _____in Docket Nos. DG ~~22-059~~_____, dated ~~October 27, 2022~~ _____

Issued by: ~~Robert B. Hevert~~Daniel Hurstak
Title: ~~Senior~~ Vice President and Treasure

NHPUC No. 12 - Gas
NORTHERN UTILITIES, INC.

~~Twenty-second~~ Twenty-third Revised Page 88
Superseding ~~Twenty-first~~ Twenty-second Page 88

NORTHERN UTILITIES - NEW HAMPSHIRE DIVISION

CURRENTLY EFFECTIVE C & I RATES

	~~Summer~~ Winter Season ~~May 2023 - October 2023~~ November 2023 - April 2024	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	$80.00	**$80.00**	**$80.00**
	All usage	$0.2554	~~$0.3057~~ **$0.2916**	~~$1.0098~~ **$1.0318**
	LDAC	~~$0.0503~~ $0.0362		
	Gas Cost Adjustment:			
	Cost of Gas	~~$0.7041~~ **$0.7402**		
C&I Low Annual/Low Winter	**Tariff Rate G 50:**			
	Monthly Customer Charge	$80.00	**$80.00**	**$80.00**
	All usage	$0.2338	~~$0.2841~~ **$0.2700**	~~$0.8990~~ **$0.9287**
	LDAC	~~$0.0503~~ $0.0362		
	Gas Cost Adjustment:			
	Cost of Gas	~~$0.6149~~ **$0.6587**		
C&I Medium Annual/High Winter	**Tariff Rate G 41:**			
	Monthly Customer Charge	$225.00	**$225.00**	**$225.00**
	All usage	$0.2881	~~$0.3384~~ **$0.3243**	~~$1.0425~~ **$1.0645**
	LDAC	~~$0.0503~~ $0.0362		
	Gas Cost Adjustment:			
	Cost of Gas	~~$0.7041~~ **$0.7402**		
C&I Medium Annual/Low Winter	**Tariff Rate G 51:**			
	Monthly Customer Charge	$225.00	**$225.00**	**$225.00**
	All usage	$0.1763	~~$0.2266~~ **$0.2125**	~~$0.8415~~ **$0.8712**
	LDAC	~~$0.0503~~ $0.0362		
	Gas Cost Adjustment:			
	Cost of Gas	~~$0.6149~~ **$0.6587**		
C&I High Annual/High Winter	**Tariff Rate G 42:**			
	Monthly Customer Charge	$1,350.00	**$1,350.00**	**$1,350.00**
	All usage	$0.2182	~~$0.2685~~ **$0.2544**	~~$0.9726~~ **$0.9946**
	LDAC	~~$0.0503~~ $0.0362		
	Gas Cost Adjustment:			
	Cost of Gas	~~$0.7041~~ **$0.7402**		
C&I High Annual/Low Winter	**Tariff Rate G 52:**			
	Monthly Customer Charge	$1,350.00	**$1,350.00**	**$1,350.00**
	All usage	~~$0.1094~~ $0.1791	~~$0.1597~~ **$0.2153**	~~$0.7746~~ **$0.8740**
	LDAC	~~$0.0503~~ $0.0362		
	Gas Cost Adjustment:			
	Cost of Gas	~~$0.6149~~ **$0.6587**		

Issued: ~~July 19~~ September 15, 2023
Effective: With Service Rendered On and After ~~August~~November 1, 2023
Authorized by NHPUC Order Nos. ~~26,713~~ _____ **in Docket Nos. DG** ~~22-059~~_____, **dated** ~~October 27, 2022~~ _____

Issued by: ~~Robert B. Hevert~~Daniel Hurstak
Title: ~~Senior~~ Vice President and Treasurer

NHPUC No. 12 - Gas
NORTHERN UTILITIES, INC.

~~Twenty-third~~ Twenty-fourth Revised Page 88
Superseding ~~Twenty-second~~ Twenty-third Page 88

NORTHERN UTILITIES - NEW HAMPSHIRE DIVISION

CURRENTLY EFFECTIVE C & I RATES

	~~Winter~~ Summer Season May 2024 - October 2024 ~~November 2023 - April 2024~~		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		$80.00			**$80.00**		**$80.00**
	All usage		$0.2554		~~$0.3057~~	$0.2916	~~$0.7232~~	$0.8538
	LDAC		~~$0.0503~~	$0.0362				
	Gas Cost Adjustment:							
	Cost of Gas		~~$0.4175~~	$0.5622				
C&I Low Annual/Low Winter	**Tariff Rate G 50:**							
	Monthly Customer Charge		$80.00			**$80.00**		**$80.00**
	All usage		$0.2338		~~$0.2841~~	$0.2700	~~$0.5964~~	$0.7143
	LDAC		~~$0.0503~~	$0.0362				
	Gas Cost Adjustment:							
	Cost of Gas		~~$0.3123~~	$0.4443				
C&I Medium Annual/High Winter	**Tariff Rate G 41:**							
	Monthly Customer Charge		$225.00			**$225.00**		**$225.00**
	All usage		$0.2881		~~$0.3384~~	$0.3243	~~$0.7559~~	$0.8865
	LDAC		~~$0.0503~~	$0.0362				
	Gas Cost Adjustment:							
	Cost of Gas		~~$0.4175~~	$0.5622				
C&I Medium Annual/Low Winter	**Tariff Rate G 51:**							
	Monthly Customer Charge		$225.00			**$225.00**		**$225.00**
	All usage		$0.1763		~~$0.2266~~	$0.2125	~~$0.5389~~	$0.6568
	LDAC		~~$0.0503~~	$0.0362				
	Gas Cost Adjustment:							
	Cost of Gas		~~$0.3123~~	$0.4443				
C&I High Annual/High Winter	**Tariff Rate G 42:**							
	Monthly Customer Charge		$1,350.00			**$1,350.00**		**$1,350.00**
	All usage		$0.2182		~~$0.2685~~	$0.2544	~~$0.6860~~	$0.8166
	LDAC		~~$0.0503~~	$0.0362				
	Gas Cost Adjustment:							
	Cost of Gas		~~$0.4175~~	$0.5622				
C&I High Annual/Low Winter	**Tariff Rate G 52:**							
	Monthly Customer Charge		$1,350.00			**$1,350.00**		**$1,350.00**
	All usage		~~$0.1791~~	$0.1094	~~$0.2294~~	$0.1456	~~$0.5417~~	$0.5899
	LDAC		~~$0.0503~~	$0.0362				
	Gas Cost Adjustment:							
	Cost of Gas		~~$0.3123~~	$0.4443				

Issued: September 15, 2023
Effective: With Service Rendered On and After ~~November 1, 2023~~ May 1, 2024
Authorized by NHPUC Order Nos. ~~26,539~~ _____ in Docket Nos. DG ~~21-131~~ _____, dated ~~October 29, 2021~~ _____

Issued by: ~~Robert B. Hevert~~ Daniel Hurstak
Title: ~~Senior~~ Vice President and Treasurer

NHPUC No. 12 – Gas
Northern Utilities, Inc.

~~Sixth~~ Seventh Revised Page 141
Superseding ~~Fifth~~ Sixth Revised Page 141

VII. DELIVERY SERVICE TERMS AND CONDITIONS

APPENDIX A

Schedule of Administrative Fees and Charges

I. Supplier Balancing Charge: **$~~1.00~~0.82 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: **$ ~~72.72~~94.46 per MMBtu** per MDPQ per month for November ~~2022~~2023 through April ~~2023~~2024. 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: **0.~~97~~72% -** Provided in Attachment NUI-FXW-3

IV. Supplier Services and Associated Fees:

SERVICE	PRICING
Pool Administration (required) **Non-Daily Metered Pools only**	• $0.10/month/customer billed @ marketer level
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 when customer phone line is not reporting daily data.

VI. Meter Read via Cellular Service: $20.00 per month

Issued: ~~November 2, 2022~~September 15, 2023

Issued by: ~~Robert. B. Hevert~~Daniel Hurstak
~~Senior~~ Vice President and Treasurer

Effective: ~~August 1, 2022~~November 1, 2023

Authorized by NHPUC Order No. ~~26,713~~ _____ in Docket No. DG ~~22-059~~ _____ dated ~~October 27, 2022~~ _____.

NHPUC No. 12 – Gas
Northern Utilities, Inc.

~~Fifth~~ Sixth Revised Page 156
Superseding ~~Fourth~~ Fifth Revised Page 156

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, ~~2022~~ 2023 through October 31,~~2023~~2024.

Commercial and Industrial

	High Winter Use	Low Winter Use
Pipeline:	~~29.51~~14.38%	~~65.64~~64.41%
Storage:	~~32.47~~47.63%	~~15.82~~19.80%
Peaking:	~~38.02~~37.99%	~~18.54~~15.79%

Issued: ~~November 2, 2022~~September 15, 2023

Issued by: ~~Robert B. Hevert~~Daniel Hurstak
~~Senior~~ Vice President and Treasurer

Effective: November 1, ~~2022~~2023

Authorized by NHPUC Order No. ~~26,713~~ _____ in Docket No. ~~DG 22-059~~ _____, dated ~~October 27, 2022~~ _____.

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, ~~2022~~ 2023 through April 30, ~~2023~~ 2024 and May 1, ~~2023~~ 2024 through October ~~2023~~2024.

Effective Dates:	**November 1, ~~2022~~ 2023 – April 30, ~~2023~~2024**	**May 1, ~~2023~~ 2024 – October 30, ~~2023~~2024**
Re-entry Surcharge:	$0.~~0709~~ 0431 per therm	$0.0000 per therm
Conversion Surcharge, Low Load Factor (G-40, G-41, G-42):	$~~1.5529~~0.4875 per therm	$0.0000 per therm
Conversion Surcharge, High Load Factor (G-50, G-51, G-52):	$~~1.6421~~0.5690 per therm	$0.0000 per therm

Issued: ~~November 2, 2022~~September 15, 2023
Issued by: ~~Robert B. Hevert~~Daniel Hurstak

Effective: November 1, ~~2022~~2023
Title: ~~Senior~~ Vice President and Treasurer

Authorized by NHPUC Order No. ~~26,713~~ _____, in Docket No. DG ~~22-059~~ _____, dated ~~October 27, 2022~~ _____.

NORTHERN UTILTIES, INC. - NEW HAMSHIRE DIVISION
2023 / 2024 Annual Cost of Gas Filing

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Demeris Testimony	Pre-filed Testimony
Nawazelski Testimony	Pre-filed Testimony
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Attachment NUI-CAK-2	NH Allocated Demand Costs
Attachment NUI-CAK-3	Forecast Firm Sales
Attachment NUI-CAK-4	Allocation of Capacity Costs to Firm Sales Rate Classes
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NORTHERN UTILITIES, INC.
NEW HAMPSHIRE DIVISION
NOVEMBER 2023 / OCTOBER 2024 ANNUAL PERIOD
COST OF GAS ADJUSTMENT FILING
PREFILED TESTIMONY OF
CHRISTOPHER A. KAHL

I. INTRODUCTION

Q. Please state your name and business address.

A. My name is Christopher A. Kahl. My business address is 6 Liberty Lane West, Hampton, New Hampshire.

Q. For whom do you work and in what capacity?

A. I am a Senior Regulatory Analyst for Unitil Service Corp. ("Unitil Service"), a subsidiary of Unitil Corporation ("Unitil"). Unitil Service provides managerial, financial, regulatory and engineering services to the principal subsidiaries of Unitil. These subsidiaries are Fitchburg Gas and Electric Light Company d/b/a Unitil, Granite State Gas Transmission, Inc. ("Granite"), Northern Utilities, Inc. d/b/a Unitil ("Northern" or "the Company"), and Unitil Energy Systems, Inc. I am responsible for developing, providing and sponsoring certain reports, testimony and proposals filed with regulatory agencies.

Q. Please summarize your professional and educational background.

A. I have worked in the natural gas industry for over twenty-five years. Before joining Unitil in January 2011, I was employed as an Analyst with Columbia Gas of Massachusetts ("Columbia") where I had worked since 1997 in supply planning. Prior to working for Columbia, I was employed as an Analyst in the Rates and Regulatory Affairs Department of Algonquin Gas Transmission Company ("Algonquin") from 1993 to 1997. Prior to working for Algonquin, I was employed as a Senior Associate/Energy Consultant

for DRI/McGraw-Hill. I received a Bachelor of Sciences degree and a Masters of Arts degree in Economics from Northeastern University.

Q. Have you previously testified before the New Hampshire Public Utilities Commission or for Unitil?

A. Yes, I have testified before the Commission in the 2022 / 2023 Annual Cost of Gas ("COG") proceeding, Docket No. DG 22-059 and the 2021 / 2022 Annual COG proceeding, Docket No. DG 21-131. I have testified in numerous other Cost of Gas proceedings as well.

Q. Please explain the purpose of your pre-filed direct testimony in this proceeding.

A. This proceeding presents the annual COG filing and will propose both the 2023 / 2024 Winter Season and 2024 Summer Season COG rates as well as various ancillary rates. I, Francis Wells, Manager of Gas Supply for Unitil Service, Elena Demeris, Senior Regulatory Analyst for Unitil Service, and Daniel Nawazelski, Manager of Revenue Requirements for Unitil Service are sharing the responsibility of supporting Northern's proposed New Hampshire Division 2023 / 2024 Annual COG and other proposed rate adjustments in this proceeding.

Mr. Wells is sponsoring the customer demand forecast and the resulting forecasted gas sendout and gas costs he developed for Northern's Maine and New Hampshire Divisions. He is also providing the Capacity Allocation Percentages, the Peaking Demand Rate calculation and the Re-entry Rate and Conversion Rate calculations.

Ms. Demeris is sponsoring the calculation of the 2023 / 2024 Local Distribution Adjustment Clause ("LDAC"), and the typical customer bill impacts resulting from the proposed 2023 / 2024 Winter Season and 2024 Summer Season COG rates.

Mr. Nawazelski is sponsoring the recovery of the expenses associated with the property tax adjustment mechanism component of the LDAC.

My testimony presents and explains the New Hampshire Division's 2022 / 2023 Annual COG reconciliation, the calculation of the 2023 / 2024 annual COG and the rates Northern proposes to charge customers for the November 1, 2023 to April 30, 2024 Winter Season, and for the May 1, 2024 to October 31, 2024 Summer Season. In addition, I will also discuss some of the proposed ancillary rates that are to be effective November 1, 2023 and May 1, 2024.

Q. Please provide a list of the Attachments that you have prepared in support of your testimony.

The Attachments that I have prepared in support of my testimony are listed below.

Attachment NUI-CAK-1	Allocation of Northern Fixed Capacity Costs To New Hampshire and Maine Divisions
Attachment NUI-CAK-2	Allocation of New Hampshire Fixed Capacity Costs To Months and Seasons
Attachment NUI-CAK-3	Division Sales and Sendout Forecast
Attachment NUI-CAK-4	Allocation of New Hampshire Demand Costs To New Hampshire Firm Sales Rate Classes
Attachment NUI-CAK-5	Allocation of Northern Commodity Costs To New Hampshire and Maine Divisions

Attachment NUI-CAK-6	New Hampshire Division Commodity Cost Analysis
Attachment NUI-CAK-7	Northern Utilities Inventory Activity
Attachment NUI-CAK-8	Allocation of New Hampshire Variable Gas Costs To New Hampshire Firm Sales Rate Classes
Attachment NUI-CAK-9	Calculation of High and Low Load Factor Commercial & Industrial Customer Rate Adjustments
Attachment NUI-CAK-10	2022 - 2023 Annual COG Reconciliation
Attachment NUI-CAK-11	Bad Debt Calculation
Attachment NUI-CAK-12	New Hampshire Division (Over) / Under-collection Balances and Interest Calculations
Attachment NUI-CAK-13	Summary of Cost of Gas Rate Calculations
Attachment NUI-CAK-14	Comparison of Proposed Rates to Current Rates
Attachment NUI-CAK-15	Supplier Balancing Charge
Attachment NUI-CAK-16	Prior Year Re-entry Rate and Conversion Rate Revenues
Attachment NUI-CAK-17	Short Term Debt Limit Calculation

II Summary

Q. Please Summarize Northern's proposed 2023 / 2024 Summer Period and Winter Period COG rates and describe how they compare to last year's rates.

A. Table 1 below provides Northern's proposed 2023 / 2024 Winter Period COG rates and compares them to the average COG rates for the 2022 / 2023 Winter Period. As this table shows, Winter Period COG rates are lower than those in 2022 / 2023 by $0.2687 for residential customers and by $0.2629 and $0.2706 per therm for High and Low Load Factor Commercial / Industrial ("C / I") customers, respectively.

Table 1

Winter Period Cost of Gas Rates

Class	2023 / 2024 Proposed Rate per therm	2022 / 2023 Average Rate per therm	Percent Change From 2022 /2023 Winter Period
Residential Non-Heat (R-5, R-6 & R-10)	$0.7282	$0.9969	(26.95%)
C & I - High Load Factor (G-50, G-51 & G-52)	$0.6587	$0.9216	(28.53%)
C & I - Low Load Factor (G-40, G-41 & G-42)	$0.7402	$1.0108	(26.77%)

Table 2 below provides Northern's proposed 2023 / 2024 Summer Period COG rates and compares them to the average COG rates for the 2022 / 2023 Summer Period. As this table shows, the proposed COG rates are $0.1409 higher for Residential customers, $0.1320 higher for High Load Factor C / I customers and $0.1447 higher for Low Load Factor C / I customers.

Table 2

Summer Period Cost of Gas Rates

Class	2023 / 2024 Proposed Rate per therm	2022 / 2023 Average Rate per therm	Percent Change From 2022 / 2023 Summer Period
Residential Non-Heat (R-5, R-6 & R-10)	$0.5117	$0. 3708	38.00%
C & I - High Load Factor (G-50, G-51 & G-52)	$0.4443	$0. 3123	42.27%
C & I - Low Load Factor (G-40, G-41 & G-42)	$0.5622	$0. 4175	34.66%

A summary of the calculation of these rates, and the components that make up these rates is provided in Attachment NUI-CAK-13. A more detailed comparison of 2023 / 2024 residential COG rates to 2022 / 2023 residential rates is provided in Attachment NUI-CAK-14. I will describe the reasons for the change in COG rates later in my testimony. Customer bill impacts resulting from the change in COG rates are discussed in the testimony of Ms. Demeris and are presented in Attachment NUI-SED-3.

II. COST OF GAS FACTOR

Q. Please provide an overview of how Northern's COG-related costs are allocated to the New Hampshire Division rate classes.

A. The allocation of Northern's costs to the New Hampshire Division rate classes is derived through three steps. They are as follows:

Step 1 – Allocate total Northern costs between the New Hampshire and Maine Divisions.

Step 2 - Allocate New Hampshire Division costs to the Winter and Summer Seasons.

Step 3 – Allocate New Hampshire Division seasonal costs to each rate class.

I will provide a detailed explanation of how these three steps are conducted.

A. Allocation of Northern's Demand-related Costs to the Maine and New Hampshire Divisions

Q. Please explain how Northern's projected fixed costs, i.e. (a) pipeline reservation and gas supply demand charges, (b) underground storage capacity costs and (c) peaking resource capacity costs are allocated between Northern's Maine and New Hampshire Divisions.

A. Northern's total demand costs are allocated to the Maine and New Hampshire Divisions by application of the Modified Proportional Responsibility ("MPR") methodology. The MPR methodology allocates fixed gas costs to the Maine and New Hampshire Divisions in a two-step process: (1) costs, by resource type[1], are allocated to months by application of MPR allocation factors; and (2) the costs allocated to each month are then allocated to the Maine and New Hampshire Divisions based on the relative shares of Design Year

[1] Pipeline, storage and peaking.

demand[2] in that month. This MPR methodology was approved by the Commission pursuant to settlements in Docket Nos. 2005-087 and 2005-273.

As I will explain in more detail below, I used the MPR methodology to allocate Northern's projected total annual demand costs to the Maine and New Hampshire Divisions for the 2023 / 2024 Winter Season (November 2023 through April 2024) and for the 2024 Summer Season (May 2024 through October 2024).

Q. Please give an overview of the process you followed to derive the MPR allocator used to assign Northern's projected total demand costs for the 12-month period November 2023 through October 2024 to the Maine and New Hampshire Divisions.

A. I have prepared Attachment NUI-CAK-1 to explain how I calculated the MPR factors and how I used these factors to allocate Northern's total demand costs for November 2023 through October 2024 ("COG Period") to the Maine and New Hampshire Divisions. In this attachment, I distinguish between two types of demand costs; Capacity-related demand costs and Off-system Peaking demand costs. Capacity-related demand costs reflect the resource costs of Pipeline, Storage and On-system Peaking supplies, as well as credits for capacity release and asset management agreements, for both Sales Service and capacity assigned Delivery Service customers. Off-system Peaking demand costs reflect

[2] For the MPR allocation process, Design Year demand is calculated as the actual demand to Maine and New Hampshire Division's firm sales and assigned capacity / non-grandfathered transportation customers for the period May 2022 through April 2023, adjusted to reflect design weather conditions from November through April and normal weather conditions from May through October.

the costs associated with Northern's Off-system Peaking resources used for Sales Service customers only.

Attachment NUI-CAK-1 is arranged in the following six sections;

(1) Total Capacity-related demand costs, by type of resource (Pipeline, Storage, On-system Peaking, and other capacity related costs and credits), are summarized in Lines 1 through 14.

(2) Capacity-related demand costs for each resource type are allocated to each month in the COG Period according to MPR allocators that were developed specifically for each resource type, as shown on Lines 16 through 52, where the MPR allocators are based on design year sendout volumes for each resource type.

(3) Capacity-related demand costs that are allocated to each month in Section 2 are allocated to the Maine and New Hampshire Divisions according to design year total firm sendout as shown in Lines 53 through 96.

4) Off-system Peaking demand costs, shown on Line 97, are allocated to each month in the Winter Period according to MPR allocators that were developed based on the dispatch of Sales Service customer demand as shown in Lines 99 through 106.

5) Off-system Peaking demand costs that are allocated to each month in Section 4 are then allocated to the Maine and New Hampshire Divisions according to design year total Sales Service sendout as shown in Lines 108 through 123.

6) Total Demand costs for each division are then calculated by applying the ratio of each division's Capacity-related demand costs and Off-system Peaking demand costs to Northern's total costs as shown in Lines 124 through 137. From these calculations, the PR allocators are determined. As shown, for November 2023 through October 2024, the PR allocators are 59.94% for the Company's Maine Division and 40.06% for the New Hampshire Division.

I note the second column of Pages 2, 4 and 6 of Attachment NUI-CAK-1 describes the sources of data and explains the calculations included in Attachment NUI-CAK-1, on Pages 1, 3 and 5. Similar explanations are included in other attachments referenced in my testimony.

Q. Why are Off-system Peaking demand costs listed in steps 4 through 6 allocated separately from all other demands costs?

A. Northern no longer purchases Off-system Peaking supplies for capacity-assigned Delivery Service customers in either its Maine or New Hampshire Divisions[3]. Accordingly, these costs should not be included in the allocation of Capacity-related demand costs because the associated dispatch of these resources includes capacity-assigned (i.e. Sales Service plus capacity-assigned Delivery Service) load. A capacity resource, like the Company's Off-system Peaking Supplies, that reflects only the cost

[3] Northern ceased purchasing Off-system Peaking supplies for capacity assignment customers in the New Hampshire Division effective November 1, 2016.

associated with Sales Service customers should be allocated between divisions based on the dispatch of Sales Service load only.

Q. Please explain how you allocated Northern's forecasted total Capacity-related demand costs to the months in the COG Period.

A. Lines 3 through 5 of Attachment NUI-CAK-1 show Northern's total projected demand costs for Pipeline, Storage, and On-system Peaking resources[4]. Also included are estimates of Northern's Capacity Release and Asset Management revenues, which I have summarized in Lines 8 and 9 of Attachment NUI-CAK-1.

The development of the MPR factors and the application of these factors to allocate Pipeline, Storage and On-system Peaking demand costs to each month are shown on Attachment NUI-CAK-1, Lines 20 through 25, Lines 36 through 43 and Lines 47 through 52, respectively. In addition, Lines 29 through 32 show the calculation of the Storage Injection Fees, by month. Storage Injection Fees represent capacity costs that comprise the portion of Northern's pipeline capacity that is used to transport gas to and from the underground storage fields. If the Company expects to incur such fees, they are added to the Storage demand costs, as shown on Line 42, and subtracted from the Pipeline demand costs, as shown on Line 57. However, as indicated, for the 2023 / 2024 Winter Season, storage injection fees are zero. This is because Northern is purchasing storage gas

[4] The forecast of demand costs is provided in Attachment NUI-FXW-5.

directly at the underground storage facility thereby eliminating the need for transportation to the facility and the associated transfer of costs.

Northern's fixed capacity costs that have been allocated to each month are summarized and consolidated on Lines 54 through 60. Lines 54, 55 and 56 repeat the Pipeline, Storage, and On-system Peaking capacity costs from Lines 25, 43, and 52. Line 57 shows the credit to Pipeline capacity costs that is related to the Storage Injection Fees that have been added to the Storage capacity costs[5]. In addition, 1/6 of total Capacity Release and Asset Management revenues are allocated evenly to each month from November through April, as shown on Lines 58 and 59.

Q. How are the total Capacity-related Demand Costs and the Capacity Release and Asset Management revenues, which have been allocated to each month according to the process that you described above, allocated to the Maine and New Hampshire Divisions?

A. Northern's Total Capacity-related Demand Costs[6] and Capacity Release and Asset Management revenues allocated to each month are then allocated to the Maine and New Hampshire Divisions according to the design year total firm sendout for both divisions, which is shown in Lines 65 and 66 of Attachment NUI-CAK-1; the calculated percentages are provided in Lines 70 and 71. In accordance with Commission-approved

[5] As indicated, for the 2023 / 2024 Winter Season, the credit is zero due to purchases being made directly at the storage facility.
[6] Costs reflect pipeline, storage and on-system peaking resources.

settlements[7], the design-year firm sendout quantities for the COG Period as shown on Lines 65 and 66 are the sendout quantities required to serve the Maine and New Hampshire Divisions' firm sales and transportation customers that are subject to the assigned-capacity requirements under design winter conditions from May 2022 to April 2023.

Q. Is the same process used for allocating Capacity-related demand costs also used for Off-system Peaking demand costs?

A. Yes. Lines 101 through 106 of Attachment NUI-CAK-1 use the same process for allocating resource costs to each month as that used in Lines 47 through 52. Also, Lines 109 through 123 use the same process for applying monthly costs to divisional sendout as used in Lines 62 through 77. As shown in Lines 121 and 122, Off-system Peaking demand costs are allocated to each division based on the design winter dispatch of Sales Service customers only.

Q. Finally, how are the combined PR Allocators for both Capacity-related and Sales Service demands calculated?

A. The combined PR allocators are based on the percentage of total Capacity-related and Off-System Peaking PRs costs allocated to each division. Lines 125 and 130 of Attachment NUI-CAK-1 show the Capacity-related PR allocators while Lines 126 and 131 show the corresponding values for Off-system peaking PR allocators. Lines 127 and

[7] These settlements were approved in Maine PUC Docket Nos. 2005-87 and 2005-273.

132 show the combined PR Allocators, 59.94% for Maine and 40.06% for New Hampshire, used to assign costs between divisions.

B. Allocation of New Hampshire Demand-Related Costs to Seasons

Q. Please explain how the projected annual demand-related costs that are allocated to the New Hampshire Division are then assigned to be recovered in the 2023 / 2024 Winter Season and the 2024 Summer Season.

A. Northern allocates costs between the seasons as well as among customer classes through the Simplified Market Based Allocation ("SMBA") method. I have prepared Attachment NUI-CAK-2 to show detailed support for the allocation of New Hampshire Division Sales Service demand costs to months, and then to seasons utilizing the SMBA method.

Lines 2 through 4 of Attachment NUI-CAK-2 summarize the Pipeline and Storage and On-system Peaking demand costs that are allocated to the New Hampshire Division, as determined in Attachment NUI-CAK-1. Lines 12 through 22 of Attachment NUI-CAK-2 show the calculation of Net Demand Costs for firm sales customers, which is Total Demand Costs allocated to the New Hampshire Division less the capacity assignment revenues from New Hampshire Division transportation customers. The Winter and Summer Season rates that will be charged to New Hampshire Division firm sales customers from November 2023 through October 2024 will recover: (1) the Net Pipeline

Demand costs shown on Line 19; (2) the Net Storage costs shown on Line 20; and (3) the On-system Peaking demand costs shown on Line 21 of Attachment NUI-CAK-2.[8]

Lines 26 through 40 of Attachment NUI-CAK-2 show the calculation of pipeline demand costs for sales customers, separated into (1) Base Use demand costs and (2) Remaining Use demand costs.[9] The Base Use that is shown on Line 31 of Attachment NUI-CAK-2 is the average projected daily use in July and August 2024[10] for all firm sales classes. The Base Pipeline Use Demand cost that is shown on Line 39 of Attachment NUI-CAK-2 is calculated by multiplying Firm Sales Base Use, shown on Line 31, times the weighted average annual cost of pipeline capacity, as shown on Line 35 of Attachment NUI-CAK-2. Line 40 shows the Remaining Pipeline Use Net Pipeline Demand costs for sales customers, which is the difference between total net Pipeline and Product Demand costs and Base Pipeline Use demand costs.

Lines 44 through 49 of Attachment NUI-CAK-2 show the calculation of the Proportional Responsibility ("PR") allocator that is used to allocate (a) Remaining Use Net Pipeline Demand costs and (b) Storage and On-system Peaking costs related to Firm Sales customers for twelve months, November 2023 through October 2024. Lines 51 through 56 show the calculation of the PR factor that is used to allocate (c) Capacity Release and Asset Management revenues, (d) Interruptible margins and Re-entry Rate and Conversion

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[8] These direct demand costs are adjusted by Off-system Peaking (Line 74) Capacity Release and Asset Management revenues (Line 77); Interruptible margins (Line 78); and Re-Entry Rate and Conversion Rate Credits (Line 79).

[9] This separation is necessary because the SMBA allocation methodology allocates Base Use demand costs to seasons on a different basis than Remaining Use demand costs.

[10] Average Projected Daily demand by class in July and August is shown in Attachment NUI-CAK-3, Line 48.

Rate revenues and (e) Off-system Peaking Supplies to the Winter Season months, November 2023 through April 2024. These PR factors are summarized by type of capacity cost at lines 60 through 65. Line 60 of Attachment NUI-CAK-2 shows that 1/12th of the net annual Base Use pipeline demand costs is allocated to each month, and Lines 69 through 79 show the detailed allocation to months of all components that are included in the Total Net Demand Costs, based on the "All Months" and "Peak Months Only" allocation factors.

As shown on Line 80 of Attachment NUI-CAK-2, $7,227,684 of total direct demand costs are allocated to the 2023 / 2024 Winter Season, and $1,449,961 is allocated to the 2024 Summer Season.

C. Allocation of New Hampshire Winter and Summer Season Demand Costs to Customer Classes

Q. Please explain how the New Hampshire Division sales service demand-related costs that were allocated to the Winter and Summer Seasons are allocated to each sales rate class.

A. The New Hampshire Division sales service Base Use demand-related costs for each month are allocated to each Sales Service rate class based on that class's pro rata share of total forecasted firm sendout to sales customers under normal weather conditions in that month. The Remaining Use demand-related costs for each month are allocated to each Sales Service rate class based on that class's pro rata share of total forecasted firm sales design day, temperature-sensitive demand.

I have prepared Attachment NUI-CAK-3 to show the calculation of the factors that are used to allocate New Hampshire Division Sales Service Winter and Summer Season Base Use demand-related costs for each month to each sales service rate class. The firm sales forecast, shown on Lines 1 to 16, and the firm sendout forecast by class, shown on Lines 18 to 33, are used to determine: daily Base Use, shown on Lines 35 to 48; Base Use sendout, shown on Lines 49 to 64; and Remaining Use sendout, shown on Lines 66 to 80. The Base and Remaining Use sendout values for each class are used to allocate the seasonal demand costs to the New Hampshire Division firm sales classes.

I have prepared Attachment NUI-CAK-4 to show the allocation of Winter and Summer Season New Hampshire Division Net Demand costs to each firm sales rate class, based on (a) the New Hampshire Net Demand costs that are allocated to each Winter Season and Summer Season month as shown in Attachment NUI-CAK-2, Lines 69 through 79, and (b) the rate class allocators as shown Attachment NUI-CAK-3, Lines 49 to 80. The Base Use Sendout allocators, which are used to allocate base demand costs to firm sales rate classes, are shown on Lines 3 through 22 of Attachment NUI-CAK-4. The Remaining Use Design Day allocators, which are used to allocate all other demand-related costs and credits to firm Sales Service rate classes, are shown on Lines 39 through 48.

The following table shows the location in Attachment NUI-CAK-4 of the Net Demand-related costs and credits by component allocated to each firm sales rate class:

Demand Cost Component	Attachment NUI-CAK-4
Base Capacity	Lines 24 through 37
Remaining Pipeline Capacity	Lines 50 through 66

Peaking and Storage Demand	Lines 68 through 84
Off-system Peaking Demand & Outage Expense	Lines 86 through 102
Capacity Release & Asset Mgmt. Revenues	Lines 105 through 121
Interruptible, Re-entry & Conversion Revenues	Lines 123 through 139
Total Non-Base Capacity Costs	Lines 141 through 155
Total Capacity Costs	Lines 157 through 175

D. Allocation of Variable Costs

Q. Please provide a description of Variable costs, and explain how Variable costs are allocated to Northern's Maine and New Hampshire Divisions.

A. Variable costs include commodity costs and variable pipeline and storage costs[11] for firm sales. Mr. Wells prepared a forecast of Northern's variable gas costs by month, which is provided in Attachment NUI-FXW-8. These variable gas costs have been allocated between the Maine and New Hampshire Divisions based on each Division's percentage of monthly firm normal sendout. I have prepared Attachment NUI-CAK-5 to show the allocation of the 2023 / 2024 Winter and Summer Season variable gas costs between the Maine and New Hampshire Divisions.

Q. Please explain Attachment NUI-CAK-5.

A. Lines 1 through 10 of Attachment NUI-CAK-5 show the projected sendout volumes, by month and by resource type, which Mr. Wells provided to me. Mr. Wells also provided the projected variable costs by month and by type of gas supply resource that are shown on Lines 19, 20 and 21 of Attachment NUI-CAK-5. This Attachment also shows

[11] Variable costs include pipeline usage/commodity charges, pipeline fuel retention, storage commodity injection and withdrawal charges, and storage fuel retention.

projected Off-system Sales revenues on Line 22. The pipeline commodity costs shown on Lines 12 and 19 are based on projected NYMEX prices as of September 5, 2023. The total variable gas costs for firm Sales Service, on Lines 24 and 36, are allocated to the Maine and New Hampshire Divisions based on projected monthly firm sales sendout in each division; the allocators are shown on Lines 40, 41, 45 and 46. Attachment NUI-CAK-5 also shows the allocation of Commodity costs to the two Divisions, (Maine Division: Lines 51 through 57; New Hampshire Division: Lines 59 through 65). Finally, Attachment NUI-CAK-5 shows the inventory finance costs for underground storage and LNG resources (Lines 82 to 84), the allocation of these costs to the Maine and New Hampshire Divisions (Lines 87 to 89), and the allocation of New Hampshire Division's allocated share of annual inventory finance costs to the Winter Season, using the firm sales remaining sendout allocators (Lines 98 to 100).

I have prepared Attachment NUI-CAK-6 to summarize the New Hampshire Division variable gas costs that were determined in Attachment NUI-CAK-5. This attachment also shows the calculation of base and remaining commodity costs.

Q. Please explain how you calculated the inventory finance costs for underground storage and LNG resources that are included in Attachment NUI-CAK-5.

A. The allocation of inventory finance charges to the Company's Maine and New Hampshire Divisions are shown on Lines 87 and 88 of Attachment NUI-CAK-5. These inventory finance costs, as shown on Lines 82 and 83 were calculated based on forecasted inventory activity calculations which are shown in Attachment NUI-CAK-7.

Q. Please explain how the New Hampshire Division variable gas costs for sales customers are allocated to each firm sales class.

A. I have prepared Attachment NUI-CAK-8 to show the allocation of New Hampshire Division variable gas costs to each firm sales class. Lines 1 to 21 show the calculation of the Base Sendout allocators by rate class. Lines 22 to 35 show the allocation of the monthly New Hampshire Division Base Commodity costs[12] to each rate class. Lines 37 to 56 show the calculation of the Remaining Sendout allocators by rate class. Lines 57 to 70 show the allocation of the monthly New Hampshire Division Remaining Commodity costs[13] to each rate class. A summary of all commodity costs allocated to the New Hampshire Division's firm sales classes is shown on Lines 71 to 84.

E. Adjustments

Q. Once direct demand and commodity costs are determined for the rate classes, are any adjustments made?

A. Yes. Since Residential COG rates are based on the average cost of gas (total seasonal cost of gas divided by total seasonal demand), and the High and Low Load Factor Commercial and Industrial ("C&I") COG rates are determined through the SMBA method, an adjustment to C&I COG rates is required in order to properly recover all costs. Attachment NUI-CAK-9 adjusts C&I COG rates in order to account for differences

[12] New Hampshire Division Base Commodity costs by month are shown in Attachment NUI-CAK-6, Line 34.
[13] New Hampshire Division Remaining Commodity costs by month are shown in Attachment NUI-CAK-6, Line 35.

between the average cost and SMBA methodologies. This adjustment is based on the difference in total projected costs that would be assigned to Residential customers under the two methodologies, and applies the difference to the C&I customer classes based on their percentage of total allocated C&I demand and commodity costs.

F. Refunds

Q. Are there any refunds included in this filing?

A. There are no refunds included in this filing.

G. Indirect Costs and Miscellaneous Charges / Credits

Q. Please explain the 2022 / 2023 Annual COG Reconciliation.

A. The 2022 / 2023 Annual COG Reconciliation is provided as Attachment NUI-CAK-10. As Page 1 of this Attachment indicates, the projected October 31, 2023 annual ending balance is an over-collection of ($1,077,140). This balance is comprised of a Winter Season over-collection of ($1,375,864) and a Summer Season under-collection of $298,724.

Q. How are the respective Summer and Winter reconciliation balances calculated?

A. The end of season balances for the Summer and Winter periods are calculated in Appendix F of the reconciliation. For the Winter Season, the ending balance is determined by first calculating the difference between the estimated and actual April 30, 2023 balance as shown on Lines 1 through 4. This amount reflects the total cost of gas of which the working capital and bad debt balances (lines 4 & 5) must then be subtracted in

order to determine the balance for demand and commodity, an over-collection of ($517,896) (Line 8). From this amount, an adjustment must be made for changes in asset management agreement ("AMA") revenues. These AMA revenues of ($863,886) are shown on Line 10 of Attachment F. Combining the commodity and demand balance (Line 8) with AMA revenue and interest (Lines 10 & 12) equals the Winter Season balance of ($1,375,864) (Line 14). The Summer Season balance, $298,724 (Line 18), is determined by subtracting the Winter Season balance (Line 14) from the annual reconciliation balance (Line 16).

Q. Please explain why all AMA revenues are factored into the Winter Season ending balance.

A. AMA revenue is updated annually beginning in April of each year and all revenues are received in twelve equal monthly installments. For the period April 2023 through March 2024, AMA revenues are significantly higher than in the prior year. In addition, all AMA revenues are allocated to the Winter Season as shown in Attachment NUI-CAK-2, Line 77. Therefore, the credits from the increase in AMA revenue must also be flowed back to the Winter Season. Due to the timing of the change in AMA revenues, Winter Season rates cannot be adjusted during the winter months and the impact of changes in AMA revenue, from May through October, must be recovered in the reconciliation. If there had been no change in AMA revenues, the winter balance would have been an over-collection of ($517,896) as listed on Line 8.

Q. How did Northern develop its current projected Bad Debt expense for inclusion in the 2023 / 2024 Winter Season and 2024 Summer Season COGs?

A. To develop its bad debt projections, Northern forecasts 12 months of customer write-offs for both supply and distribution service. This forecast is based on actual experience and any recent unexpected increases or decreases in the number of customer write-offs. As shown on Line 14 of Attachment NUI-CAK-11, for the twelve months ended December 31, 2024, Northern projects annual Bad Debt expense to be $375,000. The projected annual Bad Debt expense was then allocated to supply (42%) and distribution (58%) services based on the actual Bad Debt experience of these components over the 12-months ended July 31, 2023. This is shown on Lines 7 and 5, respectively, of Attachment NUI-CAK-11. The annual Bad Debt expense forecast allocated to supply was then allocated further to the 2023 / 2024 Winter Season (87%) and 2024 Summer Season (13%) based on the allocation of direct demand costs between the Winter and Summer seasons. This breakout establishes the Winter Season Bad Debt of $136,573 (Line 16) and a Summer Season Bad Debt expense of $20,484, (Line 17). I have also included these expenses at lines 36 and 144 in Attachment NUI-CAK-13.

Q. How were Northern's Working Capital Costs derived?

The Working Capital Costs were based on a formula approved in Northern's 2021 base rate proceeding, Docket No. DG 21-104. This formula derives the working capital percentage by dividing the supply related net lag of 9.30 days by 366 days and then multiplying the result by the prime interest rate. Based on the current prime rate of 8.5%, the Working Capital Percentage is 0.2160%. This percentage, when multiplied by each season's forecasted Direct Cost of Gas, yields a 2023 / 2024 Winter Season Working

Capital Cost of $53,021 and a 2024 Summer Season Working Capital Cost of $6,956. These amounts are included in Attachment NUI-CAK-13 at lines 29 and 138.

Q. Please explain the costs related to the Company's local production and storage facilities, and Other Administrative and General ("A&G") expenses that are included in the Winter Season COG.

A. Northern's local production and storage costs were set at $214,538 in the Company's most recent base rate case proceeding, Docket No. DG 21-104, and are recovered solely in the Winter Season. Also, in the last base rate case proceeding, A&G expenses were set at $611,875. Of this amount, $504,091 is recovered from sales customers in the Winter Season and $107,784 is recovered in the Summer Season. These amounts are included in Attachment NUI-CAK-13 on lines 40, 42 and 150 respectively.

Q. Please explain the calculation of the Winter and Summer interest expense.

A. Interest expense is calculated in Attachment NUI-CAK-12 (Line 98) and is based on the latest prime rate and expected costs and revenues during the Winter and Summer seasons. Winter and Summer period interest expense is also shown on Attachment NUI-CAK-13, on Lines 21 and 130 respectively

H. Cost of Gas Factor

Q. Please explain the calculation of the proposed New Hampshire Division COG Factors or Rates for the 2023 / 2024 Winter Season and the 2024 Summer Season.

A. Attachment NUI-CAK-13, which is similar to the Company's COG tariff Pages 40 through 43, has been prepared to explain the calculation of the proposed 2023 / 2024 Winter and 2023 Summer COG Factors. Attachment NUI-CAK-13 shows the calculation of the Winter and Summer Season COGs for each of Northern's three COG Rate Groups: (1) Residential classes R-5, R-6 and R-10; (2) C&I Low Winter use classes G-50, G-51 and G-52; and (3) C&I High Winter use classes G-40, G-41 and G-42.

As shown on Page 3 of the Attachment, the 2023 / 2024 Winter Season projected Average COG is $0.7282 per therm (Line 66), which is the sum of the average Total Direct COG, $0.7441 per therm (Line 59) and the average Indirect COG, ($0.0159) per therm (Line 63). As shown of Page 7 of the Attachment, the 2024 Summer Season, the projected Average COG is $0.5117 per therm (Line 175), which is the sum of the average Total Direct COG, $0.4565 per therm (Line 168) and the average Indirect COG, $0.0552 per therm (Line 172).

Also shown on the Attachment are the proposed Residential COG Factors for the 2023 / 2024 Winter Period (Line 68) and the 2024 Summer Period (Line 177), the proposed C&I Low Winter Use COG Factors for the 2023 / 2024 Winter Period (Line 72) and 2024 Summer Period (Line 181), and the proposed C&I High Winter Use COG Factors the Winter 2023 / 2024 Winter Period (Line 92) and 2024 Summer Period (Line 201).

Q. Please explain the calculation of the Working Capital allowances for the 2023 / 2024 Winter Season.

The total Working Capital allowance, $53,233 as shown on Line 33 of Attachment NUI-CAK-13 is the sum of the current period working capital allowance (Line 29) plus the prior seasonal allocation of Working Capital reconciliation balance (Line 31).

Q. Please explain the calculation of the Bad Debt allowance for 2023 / 2024 Winter Season.

A. The Bad Debt allowance, $157,446 (Line 38), is the sum of the current period bad debt allowance (Line 36) plus the seasonal allocation of the Bad Debt reconciliation balance (Line 37).

Q. Please explain the calculation of the 2024 Summer Season Working Capital allowances.

The total Working Capital allowance, $7,001 as shown on Line 141 of Attachment NUI-CAK-13 is the sum of the current period working capital allowance (Line 138) plus the prior seasonal allocations of Working Capital reconciliation balance (Line 139).

Q. Please explain the calculation of the Bad Debt allowance for 2024 Summer Season.

A. The Bad Debt allowance, $23,603 (Line 146), is the sum of the current period bad debt allowances (Line 144), plus the seasonal allocations of the Bad Debt reconciliation balance (Line 145).

Q. Is Northern proposing any credits to the COG for transportation customers returning to Sales Service?

A. Northern is projecting a combined total of $25,000 in revenues associated with the Re-entry Rate and Conversion Rate. This amount is included in Attachment NUI-CAK-13 at Line 14.

I. Summary Analyses

Q. How does the proposed average 2023 / 2024 Winter Season Residential COG rate compare to the average 2022 / 2023 Winter Season Residential COG rate?

A. Attachment NUI-CAK-14 compares the proposed 2023 / 2024 Winter Season Residential COG rate to the average 2022 / 2023 Winter Season Residential COG rate. As this Attachment shows, the proposed 2023 / 2024 Winter Season COG rate, $0.7282 per therm, is $0.2687 per therm lower than the average 2022 / 2023 Winter Season COG rate, $0.9969 per therm. The decrease is due to lower demand costs, an increase in AMA revenues and a decrease in gas supply costs. These factors are partially offset by a lower sales forecast and a smaller reconciliation over-collection compared the prior year. The change in costs, projected sales and AMA revenues for Residential customers is also applicable to C&I customers.

Q. How does the proposed 2024 Summer Season Residential COG rate compare to the filed 2023 Summer Season COG rate?

A. Attachment NUI-CAK-14 also compares the proposed 2024 Summer Season Residential COG rate to the average 2023 Summer Season Residential COG rate. As this Attachment indicates, the proposed 2024 Summer Season average COG rate, $0.5117 per therm, is $0.1409 per therm higher than the 2022 Summer Season Average COG,

$0.3708 per therm. The rate increase is due to a higher level of NYMEX prices compared to the sharp drop in NYMEX prices that occurred during the spring of 2023, a higher reconciliation under-collection compared to the prior year and a lower projected sales forecast. This change in COG rates for Residential customers is also applicable to C&I customers.

Q. Why are the proposed Winter COG rates lower than last year but the proposed Summer COG rate higher than the current Summer COG rates?

A. The reason for these differences is largely due to fluctuations in NYMEX prices. In late summer 2022, NYMEX prices were substantially higher than at their current levels. These prices began a steady decrease during the winter and continued falling in the spring of 2023. Currently NYMEX prices are still well below 2022-23 Winter Season levels but 2024 Summer Season prices are higher than current 2023 Summer Season prices.

III. ANCILLARY CHARGES & SUPPORTING INFORMATION

Q. What ancillary charges and schedules have you updated for this filing?

A. I have provided updates to ancillary charges and supporting information to four separate schedules. First, I have updated the Supplier Balancing Charge to be effective November 1, 2023. The proposed charge, $0.82 per MMBtu, is $0.18 lower than currently effective rate. I have prepared Attachment NUI-CAK-15 to support the updated Supplier Balancing Charge calculation.

Second, I have updated the On-system Peaking Demand charge to be effective November 1, 2023 through April 30, 2024. The proposed charge is $94.46 per Dth. Support for this

charge is provided by Mr. Wells in Attachment NUI-FXW-5. Both the Supplier Balancing Charge and On-system Peaking Demand Charge are included in Tariff Page No. 141, Appendix A.

Third, I have updated Tariff Page 156 which updates the capacity allocation percentages for all non-exempt Delivery Service customers for the period November 1, 2023 through October 31, 2024. The calculations supporting the capacity allocators are provided by Mr. Wells in Attachment NUI-FXW-7.

Lastly, I have updated the Re-entry Rates and Conversion Rates to be effective November 1, 2023 through April 30, 2024, and May 1, 2024 through October 31, 2024. For the Winter Season, the Re-entry Rate is $.0431 per therm for both high and low load factor customers. For the Summer Season the Re-entry Rate is $0.0000 for the both the high and low load factor C&I rate classes. In the Winter Season, the proposed Conversion Rate is $0.5690 per therm for High Load Factor customers and $0.4875 per therm for Low Load Factor C&I customers. In the Summer Season, the Conversion Rate is $0.0000 per therm for both High and Low Load Factor customers. These rates appear on Tariff Page No. 158, Appendix D. Support for these rates is provided by Mr. Wells in Attachment NUI-FXW-11.

Q. Are you providing any additional schedules included in this filing?

A. Yes, Attachments NUI-CAK-16 and NUI-CAK-17 have not been discussed in my testimony. Attachment NUI-CAK-16 provides the historical revenues from the Re-entry Rate and Conversion Rate Surcharges that are applied to transportation customers

returning to the Company's Sales Service over the past year. Attachment NUI-CAK-17 determines Northern's short-term debt limit calculation for the period November 2023 through October 2024.

IV. FINAL MATTERS

Q. Will the Company propose to revise the 2023 / 2024 Winter Season COG rates if it receives any new or updated information on gas supplier or transportation rates?

A. If requested by the Commission or Department of Energy Staff, the Company will file a revised calculation of its 2023 / 2024 Winter and 2024 Summer Season COG rates to reflect updated gas and pipeline transportation cost projections as well as any other cost information a few weeks prior to the effective date of the Winter Season, November 1, 2023. In addition, Attachment NUI-CAK-12 projects Northern's monthly COG over/under collections, balances and interest. Northern will update this schedule each month with actual costs and updated NYMEX prices in order to determine the variance between the latest projected end-of-season balances and the target end-of-season balances established in this COG filing. As indicated on Line 92 of that Attachment, Northern projects a target balance over collection of $2,297,301[14] on April 30, 2024. This target balance will be updated in November to adjust for the actual balance effective October 31, 2023. If, during the upcoming Winter Season, the Company's monthly projected April 30, 2024 ending balance varies from the target balance by 2% or more of total target projected gas costs, then the Company will file to adjust the 2023 / 2024 Winter

[14] This over-collection is projected to be near $0 by October 31, 2024

Season COG for the subsequent month. These rates will take effect without further action by the Commission for any decrease and for increases up to 25% of the initially-approved 2023 / 2024 Winter Season COG rates.

The Company will also file proposed changes to the approved 2024 Summer Season COG when the projected annual variance exceeds 4% of the target projected gas costs. If, during the upcoming Summer Season, the Company's updated projected October 31, 2024 ending balance varies from the target Summer Season ending balance by 4% or more of total Summer Period projected gas costs, the Company will file to change the 2024 Summer COG for the subsequent month. These rates will take effect without further action by the Commission for any decrease and for increases up to 25% of the initially-approved 2024 Summer Period COG.

Q. Does this conclude your testimony?

A. Yes it does.

NORTHERN UTILITIES, INC.
NEW HAMPSHIRE DIVISION
ANNUAL PERIOD 2023-2024
COST OF GAS FILING

PREFILED TESTIMONY OF
FRANCIS X. WELLS

I. INTRODUCTION

Q. Please state your name and business address.

A. My name is Francis X. Wells. My business address is 6 Liberty Lane West, Hampton, NH.

Q. What is your relationship with Northern Utilities, Inc.?

A. I am employed by Unitil Service Corp. (the "Service Company") as Manager of Energy Planning. The Service Company provides professional services to Northern Utilities, Inc.

Q. Please briefly describe your educational and business experience.

A. I earned my Bachelor of Arts Degree in both Economics and History from the University of Maine in 1995. I joined the Service Company in September 1996 and have worked primarily in the Energy Contracts department. My primary responsibilities involve gas supply planning and acquisition.

Q. Have you previously testified before the New Hampshire Public Utilities Commission ("Commission")?

A. Yes. I have testified as Northern's gas supply witness before the Commission in Northern's Cost of Gas ("COG") proceedings.

Q. Please summarize your prepared direct testimony in this proceeding.

A. The purpose of my testimony is to present and support Northern's gas supply cost forecast, which was used for the calculation of the proposed COG.

The 2023-2024 fixed, annual demand cost estimates are 10% lower than the fixed, annual demand cost estimates provided for the prior 2022-2023 Winter Period CGF filing. The major reasons for this decrease are lower peaking supply demand costs and higher asset management agreement revenue, partially offset by higher pipeline transportation charges due mostly to the addition of new capacity to Northern's portfolio, effective April 1, 2024.

This capacity was acquired via open seasons on TransCanada and PNGTS pipelines and will be discussed in more detail later in my testimony. The cost of this new capacity has been included in this Annual Period 2023-2024 COG Filing. However, Northern plans to separately file a request for approval by the Commission of this long-term capacity commitment.

Estimated average delivered commodity rates for the 2023-2024 Winter Period are 41% lower than the average delivered commodity rates estimated for the 2022-2023 Winter Period COG. The major reason for this increase is lower NYMEX supply costs, partially offset by higher delivered peaking supply costs. Estimated average delivery commodity rates for the 2024 Summer Period are 50% lower than the average delivered commodity rates estimated for the 2023 Summer Period COG. Lower NYMEX supply costs are the major reason for this decrease.

Northern projects combined sales service and delivery service distribution deliveries to be 8,519,593 Dth in the New Hampshire Division for the 2023-2024 Annual Period, which is 3.1% higher than the 2022-2023 Annual Period weather-normalized distribution deliveries and 3.4% higher than the 2021-2022 Annual Period weather-normalized distribution deliveries. Of the 8,519,593 Dth of projected distribution system deliveries,

Northern projects that 4,004,657 Dth will be supplied by the Company through Sales Service. In order to supply 4,004,657 Dth of supply to customer's retail meters, Northern projects a city-gate requirement of 4,033,701 Dth. In addition, Northern expects its Company-Managed Sales obligation to equal 131,139 Dth for the New Hampshire Division, bringing the total projected New Hampshire sendout requirement to 4,164,840 Dth for the upcoming year. The details behind these estimates are contained in Attachments NUI-FXW-1 and -2.

Northern's portfolio has 142,844 Dth maximum daily quantity of Pipeline, Storage and Peaking Capacity (each of these Capacity terms as defined in the Company's New Hampshire Division Delivery Service Terms and Conditions). I review the portfolio in more detail in the body of my testimony. Details of this portfolio are provided in Attachment NUI-FXW-4. I review the portfolio in more detail in the body of my testimony, including updates to the portfolio that have occurred since the 2022-2023 Annual Period COG Filing as well as an update on Northern's implementation of its Price Risk Mitigation Plan.

I project Northern's total company (including both the Maine and New Hampshire Divisions) demand cost for the November 2023 through October 2024 gas year to be $37,271,543. (*See* Attachment NUI-FXW-5). Mr. Chris Kahl, who is also testifying in this proceeding, presents the allocation of the total annual demand cost to Northern's New Hampshire Division and the portion of that allocation of annual demand costs between the Winter and Summer COG recoveries. I also projected the demand revenue from the New Hampshire Division's capacity assignment program to be $6,228,246. (*See* Attachment NUI-FXW-6). I also discuss the updated Capacity Allocators and Capacity Ratio pursuant to the New Hampshire Division capacity assignment program, which are provided as Attachment NUI-FXW-7.

I project that Northern's total company (including both the Maine and New Hampshire Divisions) commodity cost to provide sales service during the 2023-2024 Winter Period will be $47,125,083 at an average rate equal to $5.159 per Dth. (*See* Attachment NUI-FXW-8). 2024 Summer Period commodity cost to provide sales service are projected to be $6,088,689 at an average rate equal to $2.490 per Dth.

Finally, I provide the proposed Re-entry Rate, applicable to Capacity Assigned Delivery Service customers who switch to Northern's Sales Service, and the proposed Conversion Rates, applicable to Capacity Exempt Delivery Service customers who switch to Northern's Sales Service. I also provide the supporting calculations for these proposed rates. These calculations are provided in Attachment NUI-FXW-11.

II. SALES AND SENDOUT FORECAST

Q. Please describe the Company's forecasts sales.

A. The sales forecast for the residential, regular general, and large rate classes are developed by independently forecasting meter growth and usage per meter. The forecasted usage per meter assumes 'normal' weather which is the average of the actual degree days over the last 15 years. In addition, Business Development personnel are consulted for comments on significant usage changes for the Company's large customers which, when necessary, are included in the sales forecast. The forecast seeks to limit subjectivity and typically relies on historical trends, while the regression utilizes econometric or demographic variables when possible.

Q. Please provide the forecast distribution deliveries, meter counts and use-per-meter figures utilized in this COG filing and a comparison of this forecast to weather normalized data for prior periods.

A. I have prepared Table 1, below, which provides a summary of the company's forecast of total billed distribution deliveries (Dth) for the upcoming 2023-2024 Annual Period.

Table 1. 2023-2024 Annual New Hampshire Division Billed Distribution Service Volumes Forecast Compared to Prior Years

Month	2023-2024 Forecast	2022-2023 Weather-Normalized Actual	2023-2024 minus 2022-2023	Percent Change	2021-2022 Weather-Normalized Actual	2023-2024 minus 2021-2022	Percent Change
Nov	653,194	626,546	26,648	4.3%	635,156	18,037	2.8%
Dec	980,617	912,920	67,697	7.4%	913,062	67,555	7.4%
Jan	1,235,746	1,199,299	36,446	3.0%	1,199,657	36,089	3.0%
Feb	1,230,569	1,179,694	50,875	4.3%	1,187,575	42,994	3.6%
Mar	1,089,940	1,061,045	28,896	2.7%	1,073,134	16,807	1.6%
Apr	805,992	775,012	30,980	4.0%	760,014	45,977	6.0%
May	568,006	552,584	15,422	2.8%	545,040	22,966	4.2%
Jun	405,488	405,800	-312	-0.1%	395,165	10,323	2.6%
Jul	363,497	364,133	-636	-0.2%	344,188	19,309	5.6%
Aug	363,059	363,658	-599	-0.2%	360,910	2,149	0.6%
Sep	378,071	378,705	-633	-0.2%	378,022	50	0.0%
Oct	445,414	445,802	-388	-0.1%	449,022	-3,608	-0.8%
Winter	5,996,057	5,754,516	241,542	4.2%	5,768,598	227,459	3.9%
Summer	2,523,535	2,510,682	12,853	0.5%	2,472,347	51,188	2.1%
Annual	8,519,593	8,265,197	254,395	3.1%	8,240,945	278,647	3.4%

Forecast distribution deliveries are projected to increase 3.1% compared to the 2022-2023 weather-normalized actual sales. Page 1 of Attachment NUI-FXW-1 shows that the increase in sales is explained by a 3.4% projected increase in meter counts and a 1.0% increase in projected average use per meter.

I provide a detailed review of Northern's forecast of metered distribution deliveries, meter counts and use-per-meter calculations for the 2023-2024 Annual Period in Attachment NUI-FXW-1. Page 1 of Attachment NUI-FXW-1 provides total data for the New Hampshire Division. Pages 2, 3 and 4 provide data for non-heating residential rate class, heating residential rate class and commercial and industrial rate classes, respectively. The top section of each page provides the 2023-2024 Annual Period distribution deliveries forecast and a comparison of that forecast to actual, weather normalized data for the 2022-2023 and 2021-2022 Annual Periods. The changes in the distribution deliveries from the prior period are presented in terms of changes in meter

counts and changes in use-per-meter. The middle section of each page presents forecasts and a comparison to prior period actual meter counts. The bottom section of each page of Attachment NUI-FXW-1 provides a calculation of the use-per-meter, which has been calculated using the distribution deliveries and meter count data presented in the top and middle sections of the page.

Q. How does the Company allocate total distribution deliveries between Sales Service and Delivery Service deliveries?

A. For each rate class, the Company calculated the percentage of total distribution deliveries that were attributable to Sales Service for the 12-month period May 2022 through April 2023. These percentages were used to estimate the percentage of billed sales that would be supplied by the Company under Sales Service. Delivery Service sales were allocated between Capacity Assigned and Capacity Exempt based on monthly percentage of weather-normalized deliveries by rate class over the same 12-month period.

Q. Please summarize the Company's forecast of sales service deliveries and city-gate receipts required to meet the projected sales service deliveries.

A. I have prepared Table 2, below, which provides a summary of the Company's forecast of Total Deliveries, Sales Service Deliveries, Company Managed Deliveries and City-Gate Receipts[1] for the upcoming Winter Period.

[1] When I use the term "City-Gate Receipts", I refer to the volume of gas needed to be received by the distribution system in order to deliver the projected volumes of sales service. These volumes are measured at the Company's interconnections with Granite State Gas Transmission, an affiliated pipeline, and Maritimes and Northeast, L.L.C and the Company's LNG facility.

Table 2. Distribution and Sales Service Deliveries & Required City-Gate Receipts Summary				
Month	Total Distribution Service Deliveries (Dth)	Sales Service Deliveries (Dth)	Company Managed Deliveries (Dth)	City-Gate Receipts (Dth)
Nov-23	849,755	432,947	24,450	460,537
Dec-23	1,086,379	633,307	26,159	664,059
Jan-24	1,234,028	737,366	31,248	773,962
Feb-24	1,103,757	640,550	24,172	669,368
Mar-24	1,001,592	544,062	25,110	573,117
Apr-24	720,546	310,993	0	313,248
May-24	467,590	152,103	0	153,206
Jun-24	387,909	98,430	0	99,144
Jul-24	378,656	84,103	0	84,713
Aug-24	381,579	85,031	0	85,648
Sep-24	394,795	94,863	0	95,551
Oct-24	513,006	190,903	0	192,287
Winter	5,996,057	3,299,225	131,139	3,454,291
Summer	2,523,535	705,432	0	710,549
Annual	8,519,593	4,004,657	131,139	4,164,840

The detailed calculations can be found in Attachment NUI-FXW-2. On Pages 1 and 2 of Attachment NUI-FXW-2, I present calendar month and billed sales service deliveries by rate class. The Sales Service deliveries for each rate class were summed to determine the total Sales Service deliveries for the New Hampshire Division. An annual summary of the impact of migration by rate class can be found in Attachment NUI-FXW-19.

On Page 3 of Attachment NUI-FXW-2, I present my calculations of the city-gate receipts. First, I estimated Company Gas Allowance by multiplying the forecast Sales Service Deliveries and the Company Gas Allowance percentage. Company Gas Allowance includes both Company Use and Lost and Unaccounted For. The Company Gas Allowance Percentage was based on the recent history of actual data, which are presented in Attachment NUI-FXW-3. Finally, I added Northern's projection of Company Managed Sales pursuant to the New Hampshire Division's capacity assignment program.

Q. What are Company Managed Sales?

A. Company Managed Sales are a form of Capacity Assignment. Capacity Assignment is a means of transferring the demand cost responsibility for capacity contracts from Northern to the retail marketers on its system. Whenever a retail marketer enrolls a customer, who is "capacity assigned," the retail marketer assumes cost and benefits of a pro-rated portion of the capacity contracts entered into by Northern, subject to the capacity assignment provisions of each division. These capacity contracts can include interstate pipeline contracts, underground storage contracts and on-site peaking facilities. Such transfer may be achieved by releasing capacity directly to the retail marketer ("Capacity Release"), who may then purchase their own supplies and utilize the released contracts to deliver supplies to their customers. Pursuant to Northern's Delivery Service Terms and Conditions for its New Hampshire Division, all upstream pipeline and underground storage capacity that delivers to Northern's system is assigned via Capacity Release except for upstream pipeline and storage capacity resources that require the Bay State Exchange Agreement. These excepted pipeline and storage resources are assigned via Company Managed Supply. On-system peaking capacity, such as Northern's Lewiston LNG plant, is also assigned via Company Managed Supply. Under the Company Managed Supply form of capacity assignment, Northern bills the retail marketer for a pro-rated portion of these capacity resources at their respective actual costs and offers a city-gate delivered supply service. Such city-gate supplies are priced in accordance with the capacity assignment provisions of each division. Such arrangements are known as "Company Managed Sales."

Q. Please explain the process used to project Company Managed Sales.

A. Company Managed resources for the New Hampshire Division include pipeline (specifically Iroquois Receipts and Algonquin Receipts capacity paths) and on-system peaking resources (Lewiston LNG plant). The maximum daily volume of each Company

managed resource was estimated based on the allocations presented in Attachment NUI-FXW-6. Northern allows marketers to nominate their peaking Company managed resources on a daily basis. In addition, marketers are required to purchase pipeline baseload supplies that are associated with the Company Managed pipeline resources. The Company Managed Sales forecast assumes that marketers will utilize all Pipeline and Peaking Company-managed supply available to them under the capacity assignment program.

III. NORTHERN'S GAS SUPPLY PORTFOLIO

Q. Please provide an overview of the gas supply portfolio that the Company uses to supply its Sales Service customers and meet Company Managed Supply obligations.

A. I have prepared Table 3, below, which provides an overview of the sources of supply available to Northern through its portfolio of contracts, including transportation contracts, storage contracts, baseload and peaking supply contracts and an exchange agreement with Bay State Gas Company.

Table 3. Northern Capacity Summary (Dth/Day)

Pipeline Capacity Paths	
Tennessee Zone 0 and Zone L Pools	13,109
Tennessee Niagara	2,327
Iroquois Receipts	6,434
Leidy Hub Supply (Texas Eastern, Algonquin)	965
Transco Zone 6, non-NY Supply (Algonquin)	286
Atlantic Bridge Ramapo	7,500
Total Pipeline Capacity	30,621
Storage Capacity Paths	
Tennessee Firm Storage	2,644
Dawn Hub Storage	59,793
Total Storage Capacity	62,437
Peaking Capacity Paths	
LNG - On-System	6,500
Peaking Contract 1	29,895
Peaking Contract 2	9,965
Additional Granite Capacity	3,426
Total Peaking Capacity	49,786
Total Design Day Capacity	142,844
Empress Capacity Effective April 1, 2024	12,456

Table 3 presents a summary of the Pipeline, Storage and Peaking Capacity for the 2023-2024 Winter Period. Total Design Day Capacity is calculated by adding the total Pipeline, Storage and Peaking Capacity figures above.

Table 3 can also be found on page 1 of Attachment NUI-FXW-4. Subsequent pages of Attachment NUI-FXW-4 include capacity path diagrams and capacity path details for each of the supply sources listed above, showing the transportation, storage and supply contracts required to provide the Northern Capacity listed for each source of supply.

Northern's portfolio of transportation contracts includes contracts with Granite State Gas Transmission, Inc. ("GSGT" or "Granite"), Maritimes & Northeast Pipelines, L.L.C. ("MNUS" or "Maritimes"), Tennessee Gas Pipeline Company ("TGP" or "Tennessee"), Portland Natural Gas Transmission System ("PNGTS"), TransCanada Pipelines Limited

("TransCanada"), Enbridge Gas, Inc. ("Enbridge" or "Union")[2], Algonquin Gas Transmission Company ("Algonquin"), Iroquois Gas Transmission System, L.P. ("Iroquois") and Texas Eastern Transmission System, L.P. ("Texas Eastern" or "TETCO"). The gas supply portfolio also includes long-term storage contracts with Enbridge and Tennessee. Northern's gas supply portfolio for 2023-2024 includes two single-year peaking contracts, Peaking Contract 1 and Peaking Contract 2. Each contract was procured via an RFP process that concluded in May 2023. Northern also owns and operates a Liquefied Natural Gas ("LNG") facility in Lewiston, ME, which Northern relies on to produce 6,500 Dth per day with a storage capacity of approximately 12,000 Dth of LNG. Also through an RFP Northern has procured an LNG Contract for up to 3,000 Dth per day with an annual contract quantity of up to 75,000 Dth beginning November 2023 and ending May 2024 in order to supply this facility. The gas supply portfolio includes an exchange agreement with Bay State Gas Company ("BSG Exchange" or "Bay State Exchange Agreement"), which is needed to bring the Iroquois Receipts, Leidy Hub Supply and Transco Zone 6, non-NY capacity path supplies into Northern's system, as the delivery points on these capacity paths are on the Bay State Gas Company system.

The capacity path diagrams and capacity path details in Attachment NUI-FXW-4 show how Northern has combined its transportation, storage and peaking supply contracts, along with the BSG Exchange, to move natural gas supplies from the sources of supply listed in Table 3 to Northern's distribution system. Each of these contractual arrangements represents a segment in one or more capacity paths. The capacity path

[2] Enbridge Gas, Inc. was formed on January 1, 2019 with the amalgamation of Enbridge Gas Distribution and Union Gas Limited.

diagrams show how each segment in the path is interconnected within the path. The capacity path details provide basic contract information, such as product (transportation, storage, peaking supply or exchange), vendor, contract ID number, contract rate schedule, contract end date, contract maximum daily quantity ("MDQ"), contract availability (year-round or winter-only), receipt and delivery points of the contract and interconnecting pipelines with the contract delivery point.

Q. Please describe the Company's process for procuring its gas supply commodity supplies.

A. Northern's practice is to secure most of its gas supply and asset management services through an annual RFP for terms beginning April 1 and running through March 31 each year. In March Northern completed its annual RFP for the delivery period of April 1, 2023 through March 31, 2024. Northern has entered into asset management agreements for the Atlantic Bridge Ramapo, Iroquois Receipts, Algonquin Receipts, Niagara, Tennessee Zone 0/L, PXP Dawn Hub, WXP Dawn Hub and Dawn Hub Storage capacity paths. Northern also entered into baseload supply agreements through this RFP. Northern has also completed its RFP process for LNG supplies for the upcoming winter.

Q. Please describe any changes in Northern's portfolio for the upcoming 2023-2024 Annual Period compared to the portfolio relied upon for the 2022-2023 Annual Period.

A. The following changes have been made to Northern's portfolio for the 2023-2024 Annual Period.

1. The Empress Capacity Path is expected to commence April 1, 2024. The contract term for the TCPL and PNGTS contracts of the Empress Capacity Path

are 30 years. This will provide Northern with an additional 12,456 Dth of capacity from its system back to Empress, Alberta, accessing Western Canadian Sedimentary Basin ("WCSB") supplies. Northern plans to separately file a request for approval from the Commission for this capacity.

2. Both Peaking Contract 1 and Peaking Contract 2 are short-term off-system peaking supply contacts that have been added to the portfolio this year. Peaking Contract 1 provides up to 30,000 Dth per Day and 600,000 Dth from November 2023 through March 2024. Peaking Contract 1 requires that Northern utilize all 600,000 Dth. Peaking Contract 2 provides up to 10,000 Dth per Day and up to 50,000 Dth from November through March 2024.
3. Effective April 1, 2023, Northern increased the maximum storage balance of its Enbridge Dawn Storage from 4,000,000 Dth to 6,000,000 Dth. The new storage contract (Contract No. LST155) has a five-year term. PXP Dawn Hub and WXP Dawn Hub Capacity Paths are now included as part of the Dawn Hub Storage Capacity Path.
4. Consistent with Northern's Price Risk Mitigation Plan, Northern has a target ratio of 75 percent of its November through March projected sendout requirements protected from volatility in NYMEX pricing. Due to higher fixed price peaking volumes (discussed in 2 above) and higher storage volumes (discussed in 3 above), lower volumes of fixed pipeline supplies are required to meet the target ratio. As of the initial filing in this proceeding, Northern has completed three of four fixed price blocks. The final fixed price blocks will be completed prior to the end of September.

Q. Please explain why Northern has secured the new Empress Capacity.

A. The purchase of this Empress Capacity is intended to reduce Northern's reliance on imported LNG. Generally, Northern is concerned with the current and future availability and pricing of imported LNG into New England. When New England natural gas demand exceeds the capacity of the pipeline system connecting New England to North American supplies, supply must be supplemented by imported LNG to meet all demand. New England as a whole, including Northern, is reliant upon imported LNG to reliably meet demand for natural gas during periods of cold weather. Therefore, peaking supply contracts (including those in Northern's portfolio) are sourced on imported LNG. In spite of their respective importance to the region for energy supply reliability, the operators of the major LNG importers into the New England energy market have uncertain futures. The Everett Marine Terminal, which is owned and operated by Constellation, is in the final year of a cost of service agreement with ISO New England. At the FERC 2023 New England Winter Gas-Electric Forum on June 20, 2023, Constellation warned that it was still looking for "sufficient bilateral contract support for the facility."[3] The Saint John LNG facility is owned and operated by Repsol. At the same forum, Repsol indicated that any "out of market solution favoring Everett" would ultimately "threaten the participation of existing electric and natural gas assets in those markets."[4]

Northern plans to file a more complete explanation of this purchase in its request for approval of the Empress Capacity.

[3] 2023 New England Winter Gas-Electric Forum Transcript, Page 38, lines 18 and 19.
[4] 2023 New England Winter Gas-Electric Forum Transcript, Page 38, lines 18 through 25.

IV. GAS SUPPLY COST FORECAST

Q. Please provide an overview of the Company's estimated gas supply costs that you provided to Mr. Kahl to calculate the 2023-2024 Winter and 2024 Summer COG rates.

A. I have provided Mr. Kahl the following cost estimates for the period beginning November 2023 through October 2024, which he used to calculate the proposed COG.

- Northern's fixed demand costs, including revenue offsets due to capacity release and asset management activities
- New Hampshire Division Capacity Assignment program demand revenues
- Northern's commodity costs

The allocation of Northern's supply costs to the New Hampshire Division was performed by Mr. Kahl. The figures I present in my testimony relate to total company costs, inclusive of both the Maine and New Hampshire Divisions.

Q. Please provide Northern's demand cost forecast.

A. Please refer to Table 4, below, titled, "Estimated Gas Supply Demand Costs."

Table 4. Estimated Gas Supply Demand Costs
November 1, 2023 through October 31, 2024

Line	Description	Amount	Reference
1.	Pipeline Demand Costs	$ 18,101,384	Att NUI-FXW-5, Page 3 - Pipeline Allocated Cost
2.	Storage Allocated Pipeline Demand Costs	$ 32,519,306	Att NUI-FXW-5, Page 3 - Storage Allocated Cost
3.	Storage Demand Costs	$ 5,098,273	Att NUI-FXW-5, Page 4 - Annual Fixed Charges
4.	Peaking Allocated Pipeline Demand Costs	$ 3,492,781	Att NUI-FXW-5, Page 3 - Peaking Allocated Cost
5.	Peaking Contract Costs	$ 4,034,000	Att NUI-FXW-5, Page 5, Annual Fixed Charges
6.	Asset Management and Capacity Release Revenue	$ (25,974,200)	Att NUI-FXW-5, Page 6 - Total Asset Management and Capacity Release Revenue
7.	Total Demand Costs	$ 37,271,543	Sum Lines 1 through 6.

I present the detailed calculations of this demand cost forecast in Attachment NUI-FXW-5. Page 1 of Attachment NUI-FXW-5 provides the summary data presented here in Table 4. On page 2 of Attachment NUI-FXW-5, I have calculated the annual demand cost forecast for Northern's portfolio of transportation contracts. On page 3 of Attachment NUI-FXW-5, I designate each transportation contract as a pipeline, storage or peaking resource and allocate transportation costs based upon these designations. Pages 4 and 5 of Attachment NUI-FXW-5 provide my calculations of demand costs for storage and peaking supply contracts, respectively. On page 6 of Attachment NUI-FXW-5, I forecast the capacity release and asset management revenue the Company expects to receive. Support for the transportation, storage and supply demand rates used in Attachment NUI-FXW-5 are found in the Attachment NUI-FXW-10, Supplier Prices.

Q. How does the 2023-2024 Winter COG forecasted annual demand cost compare with the 2022-2023 Winter COG forecasted annual demand cost?

A. 2022-2023 Winter CGF forecasted annual demand costs were equal to $41,345,857. 2023-2024 Winter CGF forecasted annual demand costs are equal to $37,271,543, reflecting a decrease in forecasted annual demand costs equal to $4,074,314 or 10%.

This majority of the change in projected demand cost is explained by the following.

1. Increase in projected Asset Management Agreement revenue by $5,039,600. Higher AMA revenue reflects the results of Northern's annual request-for-proposals process, reflecting higher overall value obtained through asset management agreements.
2. Decrease in projected Peaking Supply Demand Costs by $7,394,417. A multi-year peaking contract, which expired after last winter, was priced with demand and commodity components. There is no demand component in the pricing for the largest of the current Peaking Contracts, resulting in a significant decrease in demand costs and a corresponding increase in commodity costs.

3. These decreases in demand costs are partially offset by increases in Pipeline and Storage costs equal to $8,359,703. Pipeline capacity contract cost estimates increased $7,468,036 due mostly to the addition of Empress capacity contracts and an anticipated increase in Granite demand rates. Higher Storage capacity contract cost estimates increased $891,667 due to a full year of the higher Enbridge Dawn Hub storage volumes and demand rates in the new storage contract that began on April 1, 2023.

Q. Please provide Northern's forecast of Capacity Assignment Demand Revenues for the New Hampshire Division.

A. When a retail marketer enrolls one of Northern's New Hampshire Division customers, the retail marketer is assigned a portion of Northern's capacity. I present the detailed calculations of the demand revenues from capacity assignment in Attachment NUI-FXW-6. On page 1 of Attachment NUI-FXW-6, I present a summary of the Company's forecast of New Hampshire Division capacity assignment demand revenues. On pages 2 through 6 of Attachment NUI-FXW-6, I present the Company's detailed calculations for each component of capacity assignment, itemized on page 1 of Attachment NUI-FXW-6. The 2023-2024 Capacity Assignment Demand Revenue for the New Hampshire Division is projected to be $6,228,246.

Q. Have you calculated the proposed Peaking Service Demand Charge to be billed to retail marketers for the period November 2023 through April 2024?

A. Yes. The calculation of Peaking Service Demand Charge rate is provided on page 6 of Attachment NUI-FXW-6. The proposed Peaking Service Demand Charge is equal to $94.46 per Dth, as shown in Attachment NUI-FXW-6 and presented in the proposed revised Appendix A to the Delivery Service Terms and Conditions. Please note that the Peaking Service Demand Charge applies only to capacity assignment pertaining to the on-system LNG plant.

Q. Please provide the Capacity Allocation Factors to be used for Capacity Assignment under the current New Hampshire Division Delivery Service tariff for effect November 1, 2023.

A. The Capacity Allocation Factors are provided in the proposed tariff sheet, Appendix C to the New Hampshire Division's Delivery Service Terms and Conditions. My calculations are provided in Attachment NUI-FXW-7. These Capacity Allocation Factors reflect a Capacity Ratio equal to 0.985, which is equal to Total Design Day Capacity of 142,844 Dth divided by the Total Design Day Planning Load (inclusive of both Maine and New Hampshire) of 144,953 Dth.

Q. Please describe Northern's process for forecasting commodity costs.

A. I base the Company's commodity cost forecast on Northern's projected city-gate receipts for sales service customers, which I calculated in Attachment NUI-FXW-2, and the supply sources available to Northern, which I presented in Attachment NUI-FXW-4. I forecast supply prices at each supply source, utilizing NYMEX natural gas contract price data and a forecast of the adder to NYMEX for the price of supply at each supply source available to Northern through its portfolio. To the extent that Northern's supply contract for a particular supply source provides for a fixed adder to the NYMEX Last Day Settlement, the contract prices are used to forecast the adder. If Northern's supply contract for a particular supply source does not provide for a fixed adder to the NYMEX Last Day Settlement, an estimate of the adder is based on the basis futures prices, through the Intercontinental Exchange ("ICE"). I also forecast variable fuel retention factors and rates for Northern's transportation and storage contracts. Then, I utilized the

PLEXOS® natural gas supply cost model to determine the optimal use of Northern's natural gas supply resources to meet its projected city-gate requirements.[5]

As discussed previously, Northern has completed NYMEX price locks on 4 monthly blocks to achieve a target ratio of hedged NYMEX supplies to total supplies of 75 percent (the "Target Ratio"). The effect of these price locks were accounted for after the PLEXOS® model run was completed.

Q. Please present the Company's commodity cost forecast for the 2021-2022 Annual Period.

A. I have summarized Northern's commodity cost forecast for the upcoming Winter and Summer Period in Tables 5 and 6, respectively.

Table 5. Estimated Delivered City-Gate Commodity Costs and Volumes
November 2023 through April 2024

Supply Source	Delivered City-Gate Costs	Delivered City-Gate Volumes	Delivered Cost per Dth
Base Pipeline Resources	$ 19,950,169	4,922,393	$ 4.053
Storage Resources	$ 9,390,022	3,617,047	$ 2.596
Peaking Resources	$ 17,784,892	595,751	$ 29.853
Total Commodity Costs	$ 47,125,083	9,135,191	$ 5.159

Table 6. Estimated Delivered City-Gate Commodity Costs and Volumes
May 2024 through October 2024

Supply Source	Delivered City-Gate Costs	Delivered City-Gate Volumes	Delivered Cost per Dth
Base Pipeline Resources	$ 5,941,862	2,433,916	$ 2.441
Storage Resources	$ -	-	
Peaking Resources	$ 146,827	11,040	$ 13.300
Total Commodity Costs	$ 6,088,689	2,444,956	$ 2.490

[5] PLEXOS is an energy optimization software package, which was developed by Energy Exemplar.

In summary, Winter Period net projected delivered commodity costs equal approximately $47.1 million at an average delivered rate of $5.159 per Dth, and Summer Period net projected delivered commodity costs equal approximately $6.1 million at an average delivered rate of $2.490 per Dth. In support of this forecast, I prepared Attachment NUI-FXW-8 to show the monthly forecasted commodity cost by supply option. Page 1 of Attachment NUI-FXW-8 provides forecasted delivered variable costs, including commodity charges, transportation fuel charges, and transportation variable charges by supply option. Page 2 of Attachment NUI-FXW-8 provides monthly delivered volumes (Dth) by supply source. Finally, Page 3 provides monthly delivered cost per Dth by supply source. Each page provides summary data for all supply sources. Attachment NUI-FXW-12 provides a seasonal summary of each supply source for Winter and Summer Periods, ranked by average delivered commodity cost.

The detailed calculations of the delivered commodity cost are found in Attachment NUI-FXW-9. For each supply source, I have provided the detailed monthly calculations for supply cost, fuel losses and variable transportation charges, which will be incurred by Northern to deliver its supplies to Northern's city-gates for ultimate consumption by our customers. Support of the supply prices and variable transportation charges found in Attachment NUI-FXW-9 are found in the Attachment NUI-FXW-10, Supplier Prices.

Q. How do forecasted commodity costs for the 2023-2024 Winter Period (November through April) compare with the forecasted commodity costs presented for the 2022-2023 Winter Period COG?

A. As show in Table 5, above, the 2021-2022 Winter Period COG forecasted commodity costs are equal to $47,125,083 at an average delivered rate of $5.159 per Dth. The 2022-2023 Winter Period COG forecasted commodity costs were equal to $84,546,814

an average delivered rate of $8.772 per Dth. Overall, 2023-2024 forecasted Winter Period commodity costs are 44% lower than 2022-2023 forecasted Winter Period costs due primarily to a 41% decrease in projected average unit cost. The 2023-2024 projected delivered volume is 5% lower than was projected in 2022-2023. Projected NYMEX prices are 54% lower at the time of this 2023-2024 Annual Period COG filing (averaging $3.36 per Dth), compared to projected NYMEX prices at the time of last year's 2022-2023 Annual Period COG filing (averaging $7.32 per Dth). The Company's unit cost forecast reflects these lower NYMEX prices. The projected average unit cost also reflects an increase in peaking supply commodity costs due to higher volumes due to the must-take provision of Peaking Contract 1.

Q. Please provide a summary of Northern's Price Risk Mitigation Plan.

A. Figure 1, below, provides a summary of Northern's Price Risk Mitigation Plan, which has been in effect since the 2022-2023 Winter Period.

Figure 1. Summary of Price Risk Mitigation Plan	
Goals and Objectives:	Northern's objective is to mitigate the risk of significant mid-Winter Period Cost of Gas increases and to provide improved price certainty for customers during the Winter Season when usage is highest, while maintaining a high level of portfolio flexibility to respond to changes in demand due to weather, retail choice and other factors.
Target Ratio:	Northern plans to hedge 75 percent ("Target Ratio") of November through March projected volumes against increases in NYMEX prices. The Target Volume will be determined by multiplying Northern's projected sales service volumes times the Target Ratio.
Contracting Process:	Northern plans to utilize physical gas purchases to implement NYMEX hedges, in the form of underground storage and physical gas purchases under which the NYMEX portion of the price is fixed in advance of the Winter Season The volume of physical gas purchases with fixed NYMEX pricing will be determined by subtracting underground storage deliverability from the Target Volume.

Timing:	Northern plans no changes to its current underground storage injection practices[6]. NYMEX price locks under the Plan for baseload pipeline supplies would be implemented in 4 monthly blocks during June through September.
New England Spot Price Exposure:	Northern will limit exposure to daily New England spot prices, including the Algonquin city-gates and Tennessee Zone 6 daily index prices.

Q. Please provide a summary of Northern's projected hedge ratio relative to the Target Ratio in Northern's Price Risk Mitigation Plan.

A. Northern's projected supply volume for November 2023 through March 2024 is 8,164,760 Dth. Available supplies that will not be subject to NYMEX fluctuations during this period total 6,382,363 Dth, which is 78%, slightly higher than the 75% Target Ratio. Fixed supplies are comprised of 4,822,363 Dth of available underground storage fixed price supplies, 910,000 Dth of NYMEX hedged baseload supplies and 650,000 Dth (Peaking Contracts 1 and 2) of fixed peaking supplies. Of the 910,000 Dth of NYMEX hedged baseload supplies, 682,500 Dth are currently locked. The difference is the final block, which Northern intends to lock during the months of September in accordance with its Price Risk Mitigation Plan.

Q. Please summarize the NYMEX price locks executed under the Price Risk Mitigation Plan for the 2023-2024 Winter Period to date.

A. Table 7, below, summarizes the price locks that have been entered to date. These prices will not change, regardless of the movement in NYMEX pricing. The goal and

[6] Enbridge Dawn storage injection occurs April through September. Tennessee FS-MA storage injection occurs April through October.

objectives of the Price Risk Mitigation Plan are to provide greater cost certainty while maintaining flexibility needed to meet customer demands in a reliable fashion.

Table 7. NYMEX Price Locks

Item	Nov-23	Dec-23	Jan-24	Feb-24	Mar-24
Block 1 Nov-Mar NYMEX Lock Volume	-	-	-	-	-
Block 1 Nov-Mar NYMEX Lock Price					
Block 1 Nov-Mar NYMEX Lock Cost	$ -	$ -	$ -	$ -	$ -
Block 1 Dec-Feb NYMEX Lock Volume		77,500	77,500	72,500	
Block 1 Dec-Feb NYMEX Lock Price		$ 3.675	$ 3.675	$ 3.675	
Block 1 Dec-Feb NYMEX Lock Cost		$ 284,813	$ 284,813	$ 266,438	
Block 2 Nov-Mar NYMEX Lock Volume	-	-	-	-	-
Block 2 Nov-Mar NYMEX Lock Price					
Block 2 Nov-Mar NYMEX Lock Cost	$ -	$ -	$ -	$ -	$ -
Block 2 Dec-Feb NYMEX Lock Volume		77,500	77,500	72,500	
Block 2 Dec-Feb NYMEX Lock Price		$ 3.750	$ 3.750	$ 3.750	
Block 2 Dec-Feb NYMEX Lock Cost		$ 290,625	$ 290,625	$ 271,875	
Block 3 Nov-Mar NYMEX Lock Volume	-	-	-	-	-
Block 3 Nov-Mar NYMEX Lock Price					
Block 3 Nov-Mar NYMEX Lock Cost	$ -	$ -	$ -	$ -	$ -
Block 3 Dec-Feb NYMEX Lock Volume		77,500	77,500	72,500	
Block 3 Dec-Feb NYMEX Lock Price		$ 3.887	$ 3.887	$ 3.887	
Block 3 Dec-Feb NYMEX Lock Cost		$ 301,243	$ 301,243	$ 281,808	
Block 4 Nov-Mar NYMEX Lock Volume	-	-	-	-	-
Block 4 Nov-Mar NYMEX Lock Price					
Block 4 Nov-Mar NYMEX Lock Cost	$ -	$ -	$ -	$ -	$ -
Block 4 Dec-Feb NYMEX Lock Volume		-	-	-	
Block 4 Dec-Feb NYMEX Lock Price					
Block 4 Dec-Feb NYMEX Lock Cost		$ -	$ -	$ -	
Total NYMEX Lock Volume	-	232,500	232,500	217,500	-
Weighted Average NYMEX Lock Price	$ -	$ 3.771	$ 3.771	$ 3.771	$ -
Total NYMEX Lock Cost	$ -	$ 876,680	$ 876,680	$ 820,120	$ -
Current NYMEX	$ 2.991	$ 3.453	$ 3.706	$ 3.634	$ 3.328
Hedging Impact on Cost of Gas	$ -	$ 73,858	$ 15,035	$ 29,725	$ -

Since these fixed price NYMEX hedges are incorporated into Northern's physical supply contracts, these overall block purchases are allocated to individual contracts. Specifically, the Tennessee Long-Haul supply contract has been amended to reflect these NYMEX hedge prices. Details of the allocations can be seen in Attachment NUI-FXW-9 for these individual supplies.

Q. Please provide the Company's monthly projections of storage inventory balances for the period November 2022 through October 2023.

A. Please refer to Attachment NUI-CAK-7. This attachment is based upon the Company's PLEXOS® analysis, which I provided to Mr. Kahl.

Q. How do forecasted commodity costs for the 2024 Summer Period (May through October) compare with the forecasted commodity costs presented for the 2023 Summer Period COG?

A. As show in Table 6, above, the 2024 Summer Period COG forecasted commodity costs are equal to $6,088,689 at an average delivered rate of $2.490 per Dth. The 2023 Summer Period COG forecasted commodity costs were equal to $13,507,267 at an average delivered rate of $4.940 per Dth. Overall, 2024 forecasted Summer Period commodity costs at the time of this 2023-2024 Annual Period COG Filing are 55% lower than 2023 forecasted Summer Period costs at the time of last year's 2022-2023 Annual Period COG Filing due to a 50% decrease in projected average unit cost and a 11% decrease in projected delivered volumes. Projected NYMEX prices are 39% lower for the 2024 Summer Period (averaging $3.25 per Dth), compared to projected NYMEX for the 2022 Summer Period (averaging $5.33 per Dth). The Company's unit cost forecast reflects these higher NYMEX prices.

Q. Please provide a summary of capacity utilization by supply source projected for the upcoming year.

A. Please refer to Attachments NUI-FXW-13, -14, -15 and -16. Attachment NUI-FXW-13 provides monthly supply volumes for Northern's normal year weather scenario. The data in Attachment NUI-FXW-13 is also found in Attachment NUI-FXW-8. Attachment NUI-FXW-14 provides monthly supply volumes for Northern's design cold year weather scenario. Attachment NUI-FXW-15 calculates the capacity utilization of all supply

resources under the normal weather scenario. Attachment NUI-FXW-16 calculates the capacity utilization of all supply resources under the design cold weather scenario.

Q. Please provide Northern's Design Day Report for the upcoming Winter Period.

A. Northern's Design Day Report is found in Attachment NUI-FXW-17.

Q. Please provide Northern's 7-Day Cold Snap Analysis for the upcoming Winter Period.

A. Northern's 7-Day Cold Snap Analysis is found in Attachment NUI-FXW-18.

V. PROPOSED RE-ENTRY AND CONVERSION SURCHARGES

Q. Please describe the Re-entry Surcharge and the Conversion Surcharge.

A. The Re-entry Surcharge is applicable to all Capacity Assigned Delivery Service customers who switch from a retail marketer to Northern's Sales Service, and the Conversion Surcharge is applicable to all Capacity Exempt Delivery Service customers who switch from a retail marketer to Northern's Sales Service. I have prepared proposed updated Re-entry and Conversion Surcharges to be effective for the 2023-2024 Winter Period. Customers electing to migrate and purchase their supply from Northern shall be required to continue purchasing Northern's Sales Service until April 30, 2024. After this time, such customers may elect to either switch to a retail marketer or continue purchasing Sales Service from Northern under the normal cost of gas rates.

Q. Please provide the proposed Re-entry Surcharge and the proposed Conversion Surcharge.

A. Proposed Appendix D to the Delivery Service Terms and Conditions, provides the Re-entry Surcharge and the Conversion Surcharge. The Re-entry Surcharge and

Conversion Surcharge will be applied as a surcharge in addition to the normal cost of gas rates. These surcharges shall only be applicable to customers switching from Delivery Service to Sales Service.

Q. Please provide your calculations for the Re-entry Surcharge and the Conversion Surcharges.

A. Please refer to Attachment NUI-FXW-11. Page 1 shows the Re-entry Surcharge and Conversion Surcharge calculations. The Re-entry surcharge reflects the removal of any prior period credits, such as an over-recovery due to incumbent Sales Service Customers. The Conversion Surcharge reflects the removal of prior period credits due to incumbent Sales Service customers plus the incremental cost to serve the customers, based on estimated incremental commodity prices. Conversion customers will have a floor price equal to the COG for Low Load Factor customers, removing prior period credits.

Page 2 is the Incremental Commodity Price Worksheet. Pages 3 through 9 are the Load Shape Price Factor Worksheet. Page 10 is the projected city-gate sendout forecast of Delivery Service loads that are not currently subject to Capacity Assignment.

Q. Does this conclude your testimony?

A. Yes it does.

NORTHERN UTILITIES, INC.
NEW HAMPSHIRE DIVISION
NOVEMBER 2023/OCTOBER 2024 ANNUAL COST OF GAS ADJUSTMENT FILING
PREFILED TESTIMONY OF
S. ELENA DEMERIS

I. INTRODUCTION

Q. Please state your name and business address.

A. My name is S. Elena Demeris. My business address is 6 Liberty Lane West, Hampton, New Hampshire.

Q. For whom do you work and in what capacity?

A. I am a Senior Regulatory Analyst for Unitil Service Corp. ("Unitil Service"), a subsidiary of Unitil Corporation that provides managerial, financial, regulatory and engineering services to Unitil Corporation's principal subsidiaries Fitchburg Gas and Electric Light Company, d/b/a Unitil ("FG&E"), Granite State Gas Transmission, Inc. ("Granite"), Northern Utilities, Inc. d/b/a Unitil ("Northern"), and Unitil Energy Systems, Inc. ("UES") (together "Unitil"). In this capacity I am responsible for preparing regulatory filings, pricing research, regulatory analysis, tariff administration, revenue requirements calculations, customer research, and other analytical services.

Q. Please summarize your professional and educational background.

A. In 1996, I graduated from the University of Massachusetts - Lowell with a Bachelor's of Science Degree in Civil Engineering. In 2005, I earned a Master's Degree in Business Administration and in 2006 a Master's Degree in Finance from Southern New Hampshire University. I joined Unitil in July 1998 in the regulatory/rate department.

II. PURPOSE OF TESTIMONY

Q. What is the purpose of your testimony in this proceeding?

A. The purpose of my testimony is to introduce and describe Northern's (or "the Company") proposed changes to its Local Delivery Adjustment Charges ("LDAC"). Northern is proposing changes to its LDAC for effect November 1, 2023 for the following components: Gas Assistance Program ("GAP"), Environmental Response Cost ("ERC") Rate, Rate Case Expense ("RCE"), Reconciliation of Permanent Changes ("RPC") in Distribution Rates, Property Tax Adjustment Mechanism ("PTAM") and Regulatory Assessment Adjustment Mechanism ("RAAM"). Northern is not proposing to change the following LDAC components: Interruptible Transportation Margin ("ITM")[1] and Energy Efficiency Charge ("EEC"). The Company will file a proposed January 1, 2024 EEC on December 1, 2023 in accordance with HB 549. My testimony also discusses the impact the proposed cost of gas ("COG") and LDAC rate changes have on customer bills during the 2023-2024 Winter and 2024 Summer Seasons.

Q. What are the Company's proposed LDAC surcharges?

A. The Company is submitting for approval a proposed LDAC of $0.0883 per therm for the Residential Class and $0.0362 per therm for the Commercial/Industrial (C&I) Class effective November 1, 2023 through October 31, 2024. The proposed rates are included on the Eleventh Revised Tariff Page 62, superseding the Tenth Revised Tariff Page 62.

[1] The Company did not provide Interruptible Transportation service during the past year, has not provided this service for many years and does not expect to provide any in the upcoming year. Therefore, Northern has not credited any actual or expected interruptible margins back to customers.

The table below summarizes the rate changes proposed in this filing. Residential customers will see a decrease of $0.0988. in LDAC charges. C&I customers will see a decrease in LDAC charges of $0.0141.

Charge	Current $/therm	Proposed $/therm	Difference
GAP	$0.0037	$0.0061	$0.0024
LRR – Residential	$0.0000	$0.0000	$0.0000
ERC	$0.0058	$0.0023	($0.0035)
RCE	$0.0048	$0.0000	($0.0048)
RPC – Residential	$0.1206	$0.0269	(0.0937)
PTAM	$0.0000	$0.0000	$0.0000
RAAM	$0.0002	$0.0010	$0.0008
Total Difference Residential	**$0.1871**	**$0.0883**	**($0.0988)**
Charge	**Current $/therm**	**Proposed $/therm**	**Difference**
GAP	$0.0037	$0.0061	$0.0024
LRR – C&I	$0.0000	$0.0000	$0.0000
ERC	$0.0058	$0.0023	($0.0035)
RCE	$0.0048	$0.0000	($0.0048)
RPC – C&I	$0.0101	$0.0011	($0.0090)
PTAM	$0.0000	$0.0000	$0.0000
RAAM	$0.0002	$0.0010	$0.0008
Total Difference C&I	**$0.0503**	**$0.0362**	**($0.0141)**

III. DISCUSSION OF RATE CHANGES BY LDAC COMPONENT

Q. Please describe the purpose of the GAP.

A. The purpose of this rate is to allow the Company to recover revenue discounts associated with customers participating in the GAP, as well as the associated administrative costs of that program, pursuant to the Commission's Order in Docket No. DG 05-076. The GAP recovers a 45% discount to both distribution and supply rates, excluding the LDAC, during the winter period only, in accordance with the Commission's Order in Docket DG

20-013, effective November 1, 2020. The GAP rate is charged on all sales and delivery only services billed under the Company's rate schedules.

Q. Please describe the proposed change to the GAP rate.

A. Northern is proposing to increase the GAP rate from $0.0037 to $0.0061 per therm effective November 1, 2023.

Q. Could you describe the derivation of the proposed GAP rate?

A. The GAP rate is derived by estimating the Company's Gas Assistance Program costs from November 1, 2023 through October 31, 2024, and the total account ending balance as of October 31, 2023, based on actual data through July, 2023 and estimated data from August 1, 2023 to October 31, 2023. As shown on Attachment NUI-SED-1 GAP, Page 1 of 3, Line 12, total estimated costs are $350,372. Lines 1-7 provide the derivation of the average per customer subsidy.

Lastly, the projected October 31, 2023 ending balance of the GAP is an under-collection of $96,414, as shown on Attachment NUI-SED-1 GAP, Page 2 of 2. The total recovery amount, $446,786, is shown on Page 1 of 2, line 15, of Attachment NUI-SED-1 GAP, and is divided by estimated weather-normalized firm therm sales billed to customers for the twelve-months ended October 31, 2024 to derive the proposed GAP charge of $0.0061 per therm shown on Page 1 of 3, line 21.

Q. Does the proposed rate exceed the program cost or bill impact thresholds established in Order No. 26,397, issued August 27, 2020 in Docket DG 20-013?

A. No, it does not. The thresholds established in Order No. 26,397 are (1) GAP overall program costs exceed one percent of a utility's gross (annual) revenue; and (2) GAP overall program costs exceed one percent of the typical residential heating customer's total annual bill. (1) Projected gross revenue, based on the year-to-date dollar per therm times the November 2023 – October 2024 therm sales forecast of 73,413,874 results in an estimated gross revenue of $89,564,926. GAP projected program subsidies represent 0.39% of the estimated gross revenue. (2) As shown on Attachment NUI-SED-3, Page 1 of 18, the typical residential heating customer's annual bill for the November 2023 – October 2024 period is $1,318.72. Of that amount $3.65 or 0.28% is attributable to the GAP.

Q. Please explain the purpose of the LRR?

A. The purpose of the LRR is to recover lost distribution revenue related to the Company's Energy Efficiency programs. This rate mechanism was established in accordance with Order No. 25,932 in Docket No. DE 15-137 approving a Settlement Agreement which provides for the implementation of a Lost Revenue Rate adjustment mechanism.

Q. What changes are being proposed to the LRR?

A. The Company is proposing a rate of $0.0000 for all classes effective November 1, 2023. In its Distribution Rate Case, DG 21-104 the Commission approved Northern's revenue

decoupling mechanism. Therefore, lost revenue ceased to accrue in July 2022 with a nominal remaining balance. In the 2022 Annual Report filed on June 1, 2023 the Company reconciled 2022 lost revenue with actual plan savings and proposed to recover the ending balance in the RAAM.

Q. Please explain the purpose of Northern's ERC.

A. The purpose of the ERC is to recover expenditures associated with remediation of former manufactured gas plants. The ERC is applied to all gas sales and delivery service billed under the Company's sales and delivery service rate schedules. The costs submitted for recovery through the ERC recovery mechanism are presented in the ERC Filing submitted in this docket under separate cover. The environmental investigation and remediation costs that underlie these expenses are the result of efforts by the Company to respond to its legal obligations at a site located in Rochester, New Hampshire. In total, the Company has incurred environmental remediation costs of $33,800 from July 2022 through June 2023. A summary sheet and detailed backup spreadsheets supporting 2022-2023 costs are provided in the ERC Filing.

Q. Please describe the change to Northern's ERC rate that is proposed for effect November 1, 2023.

A. The current ERC rate is $0.0058 per therm. Northern proposes to decrease this rate to $0.0023 per therm.

Q. Please explain the calculation of the proposed ERC rate.

A. As stated above, during the period July 1, 2022 through June 30, 2023, ERC expenses totaled $33,800. Northern is allowed to recover one-seventh of the actual response costs incurred by the Company in a twelve-month period ending June 30 of each year until fully amortized over seven years, plus any insurance and third-party expenses for the year. Due to the amortization of these costs, the ERC rate in this filing includes the current year ($33,800 divided by 7, or $4,829) and six prior years of unamortized amounts. Any insurance and third-party recoveries or other credits for the year are used to reduce the unamortized balance. The total ERC cost to be recovered, $116,901, is shown in the following table and on Page 1, Line 13, of Attachment NUI-SED-2 ERC (this schedule is also Schedule 1 submitted by the Company in the Environmental Response Cost filing).

1/7 ERC costs incurred July 2022 – June 2023	$4,829
1/7 ERC costs incurred July 2021 – June 2022	$6,919
1/7 ERC costs incurred July 2020 – June 2021	$16,894
1/7 ERC costs incurred July 2019 – June 2020	$11,024
1/7/ ERC costs incurred July 2018 – June 2019	$29,051
1/7/ ERC costs incurred July 2017 – June 2018	$40,449
1/7th ERC costs incurred July 2016 - June 2017	$7,736
Total	**$116,901**

In addition, the ERC rate includes the prior period reconciliation of ERC costs. The October 31, 2023 ending balance is estimated to be an under collection of $51,408, as shown on Attachment NUI-SED-1 ERC Page 2 of 2. Total ERC costs to be recovered for the period of November 2023 through October 2024 are $168,309. Dividing the

recoverable ERC costs by projected total annual sales of 73,413,874 therms results in an ERC rate of $0.0023 per therm. This calculation is illustrated in Attachment NUI-SED-2 ERC, Page 1 of 2.

Q. Please explain the purpose of the RCE?

A. The purpose of this provision is to establish a procedure that allows Northern Utilities to adjust its rates for the recovery of NHPUC-approved rate case expenses. These expenses were recovered over a 12-month period, November 2022 – October 2023.

Q. Is the Company proposing an RCE effective November 1, 2023

A. Yes, the Company is proposing an RCE of $0.0000 per therm, a reduction of $0.0048 from the current RCE.

Q. Please explain how the Company proposes to recover the RCE ending balance.

A. The Company proposes to collect the balance remaining on October 31, 2023 in the RAAM. Please see page 5 of Attachment NUI-SED-1 RAAM for the reconciliation of the RCE through October 31, 2023. As shown, the ending balance is an under-collection of $47,380.

Q. Please explain the purpose of the RPC?

A. The purpose of this provision is to establish a procedure that allows Northern Utilities to adjust its rates for the reconciliation of revenues related to a permanent change in the

Company's distribution service rates implemented subsequent to the effective date of such change. This provision includes the reconciliation for the difference in revenues charged under temporary versus permanent rates. The RPC will be recovered over a 12-month period, November 2022 – October 2023, per the Settlement Agreement approved in DG 21-104.

Q. What is the status of the RPC recovery?

A. Attachment SED-1 RPC, page 2, provides the reconciliation of RPC costs and revenues for the November 2022 – October 2023 period, by residential and general service classes. As shown on lines 9 and 18 the ending balances are $508,353 and $57,393 for the residential and general service classes, respectively. The under-collection is due to lower actual therm sales in the recovery period than forecasted them sales.

Q. Is the Company proposing a change to the RPC effective November 1, 2023?

A. Yes, based on the status of the reconciliation and the sizeable ending balances the Company proposes to continue the RPC effective November 1, 2023 through October 31, 2024. Proposed RPC for the residential classes is $0.0269 per therm, a reduction of $0.0937 over the current rate and, for the general service classes $0.0011 per therm, a reduction of $0.0091 per therm.

Q. Please explain the calculation of the proposed RPC rate.

A. Attachment NUI-SED-1 RPC, page 1 provides the calculation of the proposed rate. Page 2 provides a reconciliation of the RPC revenues. Pages 3 and 4 provide the derivation of the revenue shortfall associated with the change in distribution rates over the October 2021 through July 2022 period and the original RPC calculation for rates effective November 1, 2022.

Q. Please explain the purpose of the PTAM?

A. The purpose of this provision is to establish a procedure that allows Northern Utilities to recover the increase in local property tax expense associated with HB 700 and RSA 72:8-d and -e. Please see the Testimony and Schedules of Daniel Nawazelski for a detailed analysis of the property tax proposed for recovery in the PTAM effective November 1, 2023.

Q. Please explain the calculation of the proposed PTAM rate.

A. Attachment NUI-SED-1 PTAM provides the calculation of the PTAM for effect November 1, 2023. Page 1 provides the calculation of the proposed rate. The property tax for the period, as shown in Schedule DTN-1, plus the prior period over/under collection, is offset by Excess Accumulated Deferred Income Tax resulting in a proposed recovery of $0, and a balance remaining Excess Accumulated Deferred Income Tax of $2,329. Therefore, the PTAM rate proposed for November 1, 2023 is $0.0000 per therm. Page 2

provides a reconciliation of the prior period and support for the ending balance shown on Page 1, line 2.

Q. Please explain the purpose of the RAAM?

A. The purpose of the RAAM is to establish a procedure that allows Northern to recover changes in the annual PUC Regulatory Assessment.

Q. What changes are being proposed to the RAAM?

A. The current RAAM is $0.0002. Northern is proposing a RAAM of $0.0010 effective November 1, 2023, an increase of $0.0008 based on a Non-Distribution Regulatory Assessment of $5,852, and, as discussed above, the Lost Revenue ending balance of $35,067, the 2023 Rate Case Expense ending balance of $47,380, and a prior period over-collection of $17,687.

Q. Please explain the calculation of the proposed RAAM rate.

A. See Attachment NUI-SED-1 RAAM. Page 1 of 6 provides the calculation of the proposed rate. As shown on line 5, total recoverable expense is $70,612, divided by the forecasted sales over the November 1, 2023 through October 31, 2024, 73,413,874, results in a rate of $0.0010. Page 2 of 6 provides a reconciliation of the current period and support for the prior period ending balance, Page 1, line 3. Page 3 provides a forecast reconciliation of the upcoming rate period. Page 4 provides support for the Non-Distribution portion of the Regulatory Assessment. Based on the latest Regulatory

Assessment invoice dated November 15, 2022, the Non-Distribution portion of the Regulatory Assessment is $5,852. Pages 5 and 6 provide supporting documentation for the RCE and LRR balances included in the total expense to be recovered.

Q. Have you prepared typical bill analyses showing the impacts of the proposed COG and LDAC rate changes for effect on November 1, 2023 for typical Residential heating customers over the upcoming Winter Season?

A. Yes, Attachment NUI-SED-3, page 1 provides the analyses. It shows that a typical Residential heating customer consuming 488 therms during the 2023/2024 Winter Season can expect a bill of $1,004.32. This is a decrease of $159.91, or 13.7% compared to the 2022/2023 Winter Season bill with the same consumption. Please note that all bill impacts include the RDAC charges proposed for effect November 1, 2023, filed today under separate docket.

Q. Have you prepared typical bill analyses showing the impacts of the proposed COG and LDAC for effect on May 1, 2024 for typical Residential heating gas customers over the next Summer Season?

A. Yes, Attachment NUI-SED-3, page 10 provides this analysis. It shows that a typical residential heating customer consuming 111 therms during the 2024 Summer Season can expect a bill of $314.46. This is an increase of $16.52, or 5.54% compared to the 2023 Summer Season bill with the same consumption.

Q. Does this conclude your testimony?

A. Yes, it does.

NORTHERN UTILITIES, INC.
NEW HAMPSHIRE DIVISION
NOVEMBER 2023 / OCTOBER 2024 ANNUAL PERIOD
COST OF GAS ADJUSTMENT FILING

PREFILED TESTIMONY OF
DANIEL T. NAWAZELSKI

I. INTRODUCTION

Q. Please state your names and business address.

A. My name is Daniel T. Nawazelski, and my business address is 6 Liberty Lane West, Hampton, New Hampshire 03842.

Q. Mr. Nawazelski, what is your position and what are your responsibilities?

A. I am the Manager of Revenue Requirements for Unitil Service Corp. ("Unitil Service") a subsidiary of Unitil Corporation that provides managerial, financial, regulatory and engineering services to Unitil Corporation's utility subsidiaries including Northern Utilities, Inc., which has operating divisions in New Hampshire and Maine (the New Hampshire operating division is hereinafter referred to as "Northern" or the "Company"). In this capacity I am responsible for the preparation and presentation of distribution rate cases and in support of other various regulatory proceedings.

Q. Mr. Nawazelski, please describe your business and educational background.

A. I began working for Unitil Service in June of 2012 as an Associate Financial Analyst and have held various positions with increasing responsibilities leading to my current role of Manager of Revenue Requirements. I earned a Bachelor of Science degree in Business with a concentration in Finance and Operations

Management from the University of Massachusetts, Amherst in May of 2012. I am also currently pursuing my Masters in Business Administration at the University of New Hampshire.

Q. Have you previously testified before the Commission or other regulatory agencies?

A. Yes, I testified before this Commission on various financial, ratemaking and utility regulation matters. I have also testified in proceedings before the Maine Public Utilities Commission and the Massachusetts Department of Public Utilities.

II. SUMMARY OF TESTIMONY

Q. What is the purpose of your testimony?

A. The purpose of my testimony is to provide the Company's request for approval of recovery of the increase in property taxes associated with HB 700.

Q. What did HB 700 allow for?

A. HB 700 established a methodology for valuing utility distribution assets for property tax purposes, codified as RSA 72:8-d and -e. Part of that law established a new methodology for assessing utility property, and a five-year phase-in period to fully transition to that new methodology. The first property tax year of the phase-in period is the tax year beginning April 1, 2020. The law also requires the Commission to establish by order a rate recovery mechanism for the property taxes paid by a public utility.

Q. Has the Company included recovery of the change in state related property taxes?

A. No. The Company has excluded the changes in the state related property taxes from the recovery request consistent with the language of HB 700. Recovery of the state portion of the property taxes will continue to occur as it does now as part of the normal rate case process.

Q. How has the Company calculated the increase in property taxes related to local property taxes?

A. The Company compared the amount of property tax recovery currently in rates to the actual 2022 property tax expense.

Q. How did the Company calculate the amount of property tax recovery currently in rates?

A. Attachment NUI-DTN-1, page 1, lines 1-3, provides the amount of property tax recovery that was in rates from January 1, 2022 through August 31, 2022 per the rate case settlement in Docket DG 21-104. The annual property tax recovery for that respective period is $5,523,332. This amount was further assigned to state property tax recovery of $1,370,478 and local property tax recovery of $4,152,854[1].

Next, Attachment NUI-DTN-1, page 1, lines 4-7, provides the amount of property tax recovery that was in rates from September 1, 2022 through December 31,

[1] Docket No. DG 21-104 Settlement Agreement Section 9.4

2022 per the rate case settlement in Docket DG 21-104 and the subsequent step adjustment filing in Docket DG 22-020. The annual property tax recovery for that respective period is $5,579,610. This amount was further assigned to state property tax recovery of $1,426,756 and local property tax recovery of $4,152,854.

Finally, Attachment NUI-DTN-1, page 1, line 8, calculates the 2022 annual property tax recovery level by reflecting eight months of recovery at the Docket No. DG 21-104 recovery level and four months at the Docket Nos. DG 21-104 and DG 22-020 recovery level.

Q. What was the property tax expense for 2022?

A. As shown on line 9 of Attachment NUI-DTN-1, page 1, the total property tax expense for the Company in 2022 was $5,699,599 of which $1,428,913 was for state property taxes and $4,270,686 was for local property taxes. Attachment NUI-DTN-1, page 2, provides a summary of the local property tax bill detail by town. Finally, Attachment NUI-DTN-2 provides the local property tax bills.

Q. Were any abatements received in 2022 related to 2020-2022 property tax bills?

A. No.

Q. How much higher was the 2022 local property tax expense than the amount currently included in rates?

A. As shown on Attachment NUI-DTN-1, page 1, line 11, the 2022 local property tax expense was $117,831 higher than the amount currently included in base distribution rates.

Q. Through what mechanism is the Company allowed recovery of the increase in local property taxes?

A. In Order No. 26,581 (February 15, 2022) in Docket No. DG 21-123, the Commission approved the Company's proposed method for reconciliation of local property taxes consistent with the authority in RSA 72:8-e as an element of the Company's Local Delivery Adjustment Charge ("LDAC") through the Property Tax Adjustment Mechanism ("PTAM").

Q. Please provide a summary of the Company's request.

A. The Company is requesting that the Commission approve the recovery of $117,831 of property taxes in 2022 related to the impacts of HB 700 through the Company's PTAM. This represents a decrease of $196,580 from the amount approved in last year's PTAM of $314,411. The settlement agreement in Docket DG 21-104, section 9.7, provided that Excess Accumulated Deferred Income Tax ("ADIT") from 2018-2020 in the amount of $515,202, shall be applied to offset the Company's property tax deferral balance to be recovered through the PTAM. In Docket DG 22-029, the Company offset recovery of 2021 property taxes as well as the prior period reconciliation resulting in a total application of $406,801 of the Excess ADIT balance, resulting in the approved recovery in the PTAM of $0 (zero). This left a remaining Excess ADIT balance of $108,401 to offset future

PTAM recoveries. In the instant case the Company has applied $106,072 of the remaining Excess ADIT balance to the Company's proposal, resulting in a proposed recovery in the PTAM of $0 (zero). The remaining Excess ADIT balance of $2,329 will offset future PTAM recoveries. The calculation of the proposed PTAM rate and prior period reconciliation is provided in the testimony and attachments of S. Elena Demeris.

III. CONCLUSION

Q. Does this conclude your testimony?

A. Yes, it does.

Northern Utilities
Simplified Market Based Allocator (MBA) Calculations
ALLOCATION OF NORTHERN FIXED CAPACITY COSTS BETWEEN ME & NH DIVISIONS

Total Fixed Capacity Costs To Be Allocated

	NUI Total	
Pipeline Demand	$ 18,101,384	
Storage Demand	$ 37,617,578	
On-system Peaking Demand	$ 6,126,781	
Subtotal Demand	$ 61,845,743	
Capacity Release (Credit)	$ -	
Asset Management (Credit)	$ (25,974,200)	
Total Net Demand Costs	$ 35,871,543	
Off-System Peaking Demand	$ 1,400,000	PR Allocation on Page 5
Total Demand Costs	$ 37,271,542	

Proportional Responsibility (PR) Allocators

Allocation of Product and Pipeline Demand Costs (including Injections) to Months

	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Annual
Design Year Pipeline Sendout	1,692,508	1,034,442	949,246	888,004	697,890	1,227,346	744,572	503,286	445,727	450,842	524,274	915,323	10,073,460
Rank	1	3	4	6	8	2	7	10	12	11	9	5	
% Max Month	100.00%	61.12%	56.09%	52.47%	41.23%	72.52%	43.99%	29.74%	26.34%	26.64%	30.98%	54.08%	
PR	27.48%	1.68%	0.50%	1.41%	1.28%	5.70%	0.39%	0.31%	2.19%	0.03%	0.14%	0.32%	41.44%
CumPR	41.44%	8.26%	6.58%	5.76%	3.95%	13.96%	4.35%	2.53%	2.19%	2.22%	2.67%	6.08%	100.00%
Product and Pipeline Demand Costs	$ 7,501,683	$ 1,495,211	$ 1,191,488	$ 1,042,351	$ 715,361	$ 2,526,765	$ 786,683	$ 458,317	$ 397,254	$ 402,228	$ 483,258	$1,100,786	$ 18,101,384

Allocation of Storage Injection Fees to Months

	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Annual
Storage Injection Volume	-	-	-	-	-	-	-	-	-	-	-	-	-
Design Year Pipeline Sendout	1,692,508	1,034,442	949,246	888,004	697,890	1,227,346	744,572	503,286	445,727	450,842	524,274	915,323	10,073,460
% of Deliveries Injected	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Injection Fees	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -

Allocation of Storage Demand Costs to Months

	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Annual
Design Year Storage	-	1,385,029	1,662,169	1,596,476	1,364,002	-	-	-	-	-	-	-	6,007,676
Rank	5	3	1	2	4	5	5	5	5	5	5	5	
% Max Month	0.00%	83.33%	100.00%	96.05%	82.06%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
PR	0.00%	0.42%	3.95%	6.36%	20.52%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	31.25%
CumPR	0.00%	20.94%	31.25%	27.30%	20.52%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
Storage Demand Costs	$ -	$ 7,876,016	$ 11,755,459	$ 10,268,710	$ 7,717,393	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 37,617,578
Plus Injection Fees	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
TOTAL	$ -	$ 7,876,016	$ 11,755,459	$ 10,268,710	$ 7,717,393	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 37,617,578

Allocation of All Peaking Demand Costs Excluding Off-System Peaking

	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Annual
Design Year Peaking Volumes	1,801	1,860	11,545	1,740	1,860	1,800	1,860	1,800	1,860	1,860	1,800	1,860	31,646
Rank	8	7	1	12	6	11	5	10	4	3	9	2	
% Max Month	15.60%	16.11%	100.00%	15.07%	16.11%	15.59%	16.11%	15.59%	16.11%	16.11%	15.59%	16.11%	
PR	0.00%	0.07%	83.89%	1.26%	0.00%	0.05%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	85.27%
CumPR	1.30%	1.38%	85.27%	1.26%	1.38%	1.30%	1.38%	1.30%	1.38%	1.38%	1.30%	1.38%	100.00%
Peaking Demand Costs	$ 79,910	$ 84,383	$ 5,224,092	$ 76,949	$ 84,383	$ 79,844	$ 84,383	$ 79,844	$ 84,383	$ 84,383	$ 79,844	$ 84,383	$ 6,126,781

Northern Utilities
Simplified Market Based Allocator (MBA) Calculations
ALLOCATION OF NORTHERN FIXED CAPACITY COSTS BETWEEN ME & NH DIVISIONS

Pipeline Demand	NUI-FXW-5, PG 1, LN 1
Storage Demand	NUI-FXW-5, PG 1, LN 2 + 3
On-system Peaking Demand	NUI-FXW-5, PG 1, LN 4 + 5
Subtotal Demand	Sum LN 3 : LN 5
Capacity Release (Credit)	NUI-FXW-5, PG 6
Asset Management (Credit)	NUI-FXW-5, PG 6
Total Net Demand Costs	Sum LN 6 : LN 9
Off-System Peaking Demand	NUI-FXW-5, PG 5
Total Demand Costs	LN 10 + LN 12

Proportional Responsibility (PR) Allocators

Allocation of Product and Pipeline Demand Costs (including Injections) to Months

Design Year Pipeline Sendout	Company Analysis
Rank	LN 20 Ranking
% Max Month	LN 20 / LN 20 MAX
PR	The difference between LN 22 for the month and LN 22 for next highest rank
CumPR	Cumulative Values, LN 23
Product and Pipeline Demand Costs	LN 24 * LN 3

Allocation of Storage Injection Fees to Months

Storage Injection Volume	Company Analysis
Design Year Pipeline Sendout	LN 20
% of Deliveries Injected	LN 29 / Sum (LN 29 : LN 30)
Injection Fees	LN 31 * LN 25

Allocation of Storage Demand Costs to Months

Design Year Storage	Company Analysis
Rank	LN 36 Ranking
% Max Month	LN 36 / LN 36 MAX
PR	The difference between LN 38 for the month and LN 38 for next highest rank
CumPR	Cumulative Values, LN 39
Storage Demand Costs	LN 40 * LN 4
Plus Injection Fees	LN 32
TOTAL	LN 41 + LN 42

Allocation of All Peaking Demand Costs Excluding Off-System Peaking

Design Year Peaking Volumes	Company Analysis
Rank	LN 47 Ranking
% Max Month	LN 47 / LN 47 MAX
PR	The difference between LN 49 for the month and LN 49 for next highest rank
CumPR	Cumulative Values, LN 50
Peaking Demand Costs	LN 51 * LN 5

Northern Utilities
Simplified Market Based Allocator (MBA) Calculations
ALLOCATION OF NORTHERN FIXED CAPACITY COSTS BETWEEN ME & NH DIVISIONS

	Nov-22	Dec-22	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Annual
Pipeline & Product Demand	$ 7,501,683	$ 1,495,211	$ 1,191,488	$ 1,042,351	$ 715,361	$ 2,526,765	$ 786,683	$ 458,317	$ 397,254	$ 402,228	$ 483,258	$1,100,786	$ 18,101,384
Storage Incld Inj Fees	$ -	$ 7,876,016	$ 11,755,459	$ 10,268,710	$ 7,717,393	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 37,617,578
On-system Peaking	$ 79,910	$ 84,383	$ 5,224,092	$ 76,949	$ 84,383	$ 79,844	$ 84,383	$ 79,844	$ 84,383	$ 84,383	$ 79,844	$ 84,383	$ 6,126,781
Less Injection Fees	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Less: Capacity Release	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Less: Asset Mgmt	$ (4,329,033)	$ (4,329,033)	$ (4,329,033)	$ (4,329,033)	$ (4,329,033)	$(4,329,033)	$ -	$ -	$ -	$ -	$ -	$ -	$ (25,974,200)
Total Demand	$ 3,252,560	$ 5,126,577	$ 13,842,005	$ 7,058,977	$ 4,188,104	$(1,722,424)	$ 871,066	$ 538,160	$ 481,637	$ 486,611	$ 563,101	$1,185,169	$ 35,871,543

Capacity Cost Allocator based on Design Year Firm Sendout

	Nov-20	Dec-20	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Annual
Therms													
Maine	1,024,364	1,477,839	1,709,364	1,552,649	1,352,263	768,654	452,011	308,040	279,359	275,707	322,886	561,032	10,084,169
New Hampshire	669,944	995,588	1,147,162	1,071,689	888,165	460,492	294,421	197,046	168,228	176,995	203,189	356,151	6,629,069
Total	1,694,308	2,473,428	2,856,526	2,624,338	2,240,428	1,229,146	746,432	505,086	447,587	452,702	526,074	917,183	16,713,238

Percentage of Total	Nov-22	Dec-22	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Annual
Maine	60.46%	59.75%	59.84%	59.16%	60.36%	62.54%	60.56%	60.99%	62.41%	60.90%	61.38%	61.17%	59.83%
New Hampshire	39.54%	40.25%	40.16%	40.84%	39.64%	37.46%	39.44%	39.01%	37.59%	39.10%	38.62%	38.83%	40.17%
Total	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

Allocation of Demand Costs by Division

Maine	$1,966,470	$3,063,060	$8,283,149	$4,176,335	$2,527,829	($1,077,129)	$527,485	$328,211	$300,611	$296,358	$345,611	$724,956	$21,462,947
New Hampshire	$1,286,090	$2,063,517	$5,558,857	$2,882,643	$1,660,275	($645,296)	$343,581	$209,950	$181,026	$190,252	$217,490	$460,212	$14,408,596
Total	$ 3,252,560	$ 5,126,577	$ 13,842,005	$ 7,058,977	$ 4,188,104	$(1,722,424)	$ 871,066	$ 538,160	$ 481,637	$ 486,611	$ 563,101	$ 1,185,169	$ 35,871,543

Detailed Allocation of Demand Costs by Division

Maine	Nov-22	Dec-22	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Annual	
Pipeline & Product Demand	$ 4,535,454	$ 893,368	$ 712,994	$ 616,691	$ 431,773	$ 1,580,128	$ 476,386	$ 279,516	$ 247,944	$ 244,967	$ 296,606	$ 673,340	$ 10,989,168	60.71%
Storage Incld Injection Fees	$ -	$ 4,705,812	$ 7,034,545	$ 6,075,323	$ 4,658,015	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 22,473,696	59.74%
On-system Peaking	$ 48,313	$ 50,418	$ 3,126,132	$ 45,526	$ 50,931	$ 49,931	$ 51,099	$ 48,695	$ 52,667	$ 51,391	$ 49,005	$ 51,616	$ 3,675,724	59.99%
Less: Injection Fees	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	0.00%
Capacity Release (Credit)	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	0.00%
Asset Management (Credit)	$ (2,617,297)	$ (2,586,538)	$ (2,590,523)	$ (2,561,206)	$ (2,612,891)	$ (2,707,188)	$ -	$ -	$ -	$ -	$ -	$ -	$ (15,675,642)	60.35%
Total Allocated Demand	$ 1,966,470	$ 3,063,060	$ 8,283,149	$ 4,176,335	$ 2,527,829	$ (1,077,129)	$ 527,485	$ 328,211	$ 300,611	$ 296,358	$ 345,611	$ 724,956	$ 21,462,947	59.83%

New Hampshire	Nov-22	Dec-22	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Annual	
Pipeline & Product Demand	$ 2,966,229	$ 601,843	$ 478,493	$ 425,660	$ 283,588	$ 946,637	$ 310,297	$ 178,801	$ 149,310	$ 157,261	$ 186,651	$ 427,446	$ 7,112,216	39.29%
Storage Incld Injection Fees	$ -	$ 3,170,204	$ 4,720,914	$ 4,193,387	$ 3,059,378	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 15,143,882	40.26%
On-system Peaking	$ 31,597	$ 33,965	$ 2,097,960	$ 31,423	$ 33,452	$ 29,913	$ 33,284	$ 31,149	$ 31,716	$ 32,992	$ 30,839	$ 32,767	$ 2,451,056	40.01%
Less: Injection Fees	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	0.00%
Capacity Release	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	0.00%
Asset Management	$ (1,711,736)	$ (1,742,495)	$ (1,738,511)	$ (1,767,828)	$ (1,716,143)	$ (1,621,845)	$ -	$ -	$ -	$ -	$ -	$ -	$ (10,298,558)	39.65%
Total Allocated Demand	$ 1,286,090	$ 2,063,517	$ 5,558,857	$ 2,882,643	$ 1,660,275	$ (645,296)	$ 343,581	$ 209,950	$ 181,026	$ 190,252	$ 217,490	$ 460,212	$ 14,408,596	40.17%

Northern Utilities
Simplified Market Based Allocator (MBA) Calculations
ALLOCATION OF NORTHERN FIXED CAPACITY COSTS BETWEEN ME & NH DIVISIONS

53		
54	Pipeline & Product Demand	LN 25
55	Storage	LN 43
56	Peaking	LN 52
57	Less: Injection Fees	-(LN 32)
58	Less: Capacity Release	-(LN 8 / 5)
59	Less: Asset Management	-(LN 9 / 6)
60	Total Demand	Sum (LN 54 : LN 59)
61		
62	**Capacity Cost Allocator based on Design Year Firm Sendout**	
63		
64	**Therms**	
65	Maine	Company Analysis
66	New Hampshire	Company Analysis
67	Total	LN 65 + LN 66
68		
69	**Percentage of Total**	
70	Maine	LN 65 / LN 67
71	New Hampshire	LN 66 / LN 67
72	Total	LN 70 + LN 71
73		
74	**Allocation of Demand Costs by Division**	
75	Maine	LN 60 * LN 70
76	New Hampshire	LN 60 * LN 71
77	Total	LN 75 + LN 76
78		
79	**Detailed Allocation of Demand Costs by Division**	
80	**Maine**	
81	Pipeline & Product Demand	LN 54 * LN 70
82	Storage	LN 55 * LN 70
83	Peaking	LN 56 * LN 70
84	Injection Fees	LN 57 * LN 70
85	Capacity Release (Credit)	LN 58 * LN 70
86	Asset Management (Credit)	LN 59 * LN 70
87	**Total Allocated Demand**	Sum (LN 81 : LN 86)
88		
89	**New Hampshire**	
90	Pipeline & Product Demand	LN 54 * LN 71
91	Storage	LN 55 * LN 71
92	Peaking	LN 56 * LN 71
93	Injection Fees	LN 57 * LN 71
94	Capacity Release	LN 58 * LN 71
95	Asset Management (Credit)	LN 59 * LN 71
96	**Total Allocated Demand**	Sum (LN 90 : LN 95)

Northern Utilities
Simplified Market Based Allocator (MBA) Calculations
ALLOCATION OF NORTHERN FIXED CAPACITY COSTS BETWEEN ME & NH DIVISIONS

Off-System Peaking Demand Costs $ 1,400,000

Allocation of Off-system Peaking Demand Costs to Months

	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Annual
Design Year Peaking Volumes	-	52,098	233,566	138,118	176,675	-	-	-	-	-	-	-	600,458
Rank	5	4	1	3	2	5	5	5	5	5	5	5	
% Max Month	0.00%	22.31%	100.00%	59.13%	75.64%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
PR	0.00%	5.58%	24.36%	12.28%	8.25%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	50.46%
CumPR	0.00%	5.58%	50.46%	17.85%	26.11%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
Peaking Demand Costs	$ -	$ 78,070	$ 706,497	$ 249,939	$ 365,495	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 1,400,000

Capacity Cost Allocator based on Design Year Sales

	Nov-22	Dec-22	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Annual
Therms													
Maine	827,249	1,211,426	1,396,391	1,226,203	1,104,926	614,609	341,460	227,973	211,839	209,191	243,241	432,543	8,047,051
New Hampshire	469,400	728,655	830,859	760,746	637,517	292,197	164,231	97,164	82,954	86,234	99,500	212,372	4,461,829
Total	1,296,648	1,940,081	2,227,250	1,986,949	1,742,443	906,806	505,691	325,137	294,793	295,425	342,741	644,914	12,508,880

Percentage of Total	Nov-20	Dec-20	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Annual
Maine	63.80%	62.44%	62.70%	61.71%	63.41%	67.78%	67.52%	70.12%	71.86%	70.81%	70.97%	67.07%	62.69%
New Hampshire	36.20%	37.56%	37.30%	38.29%	36.59%	32.22%	32.48%	29.88%	28.14%	29.19%	29.03%	32.93%	37.31%
Total	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

Allocation of Off-System Peaking Demand Costs by Division

Maine	$0	$48,748	$442,943	$154,244	$231,769	$0	$0	$0	$0	$0	$0	$0	$877,705	62.69%
New Hampshire	$0	$29,321	$263,553	$95,694	$133,726	$0	$0	$0	$0	$0	$0	$0	$522,295	37.31%
Total	$ -	$ 78,070	$ 706,497	$ 249,939	$ 365,495	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 1,400,000	

Total Weighted Average MPR Factor

Maine	Nov-22	Dec-22	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Annual	
Total Pipeline, Storage & On-system	$ 1,966,470	$ 3,063,060	$ 8,283,149	$ 4,176,335	$ 2,527,829	$ (1,077,129)	$ 527,485	$ 328,211	$ 300,611	$ 296,358	$ 345,611	$ 724,956	$ 21,462,947	59.83%
Total Off-system Peaking	$0	$48,748	$442,943	$154,244	$231,769	$0	$0	$0	$0	$0	$0	$0	$ 877,705	62.69%
Total Demand Cost Allocation	$ 1,966,470	$ 3,111,808	$ 8,726,092	$ 4,330,579	$ 2,759,598	$ (1,077,129)	$ 527,485	$ 328,211	$ 300,611	$ 296,358	$ 345,611	$ 724,956	$ 22,340,652	**59.94%**

New Hampshire	Nov-22	Dec-22	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Annual	
Total Pipeline, Storage & On-system	$ 1,286,090	$ 2,063,517	$ 5,558,857	$ 2,882,643	$ 1,660,275	$ (645,296)	$ 343,581	$ 209,950	$ 181,026	$ 190,252	$ 217,490	$ 460,212	$ 14,408,596	40.17%
Total Off-system Peaking	$0	$29,321	$263,553	$95,694	$133,726	$0	$0	$0	$0	$0	$0	$0	$ 522,295	37.31%
Total Demand Cost Allocation	$ 1,286,090	$ 2,092,838	$ 5,822,410	$ 2,978,337	$ 1,794,000	$ (645,296)	$ 343,581	$ 209,950	$ 181,026	$ 190,252	$ 217,490	$ 460,212	$ 14,930,891	**40.06%**

Total Northern	Nov-22	Dec-22	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Annual
Total Pipeline, Storage & On-system	$ 3,252,560	$ 5,126,577	$ 13,842,005	$ 7,058,977	$ 4,188,104	$ (1,722,424)	$ 871,066	$ 538,160	$ 481,637	$ 486,611	$ 563,101	$ 1,185,169	$ 35,871,543
Total Off-system Peaking	$ -	$ 78,070	$ 706,497	$ 249,939	$ 365,495	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 1,400,000
Total Demand Cost Allocation	$ 3,252,560	$ 5,204,646	$ 14,548,502	$ 7,308,916	$ 4,553,599	$ (1,722,424)	$ 871,066	$ 538,160	$ 481,637	$ 486,611	$ 563,101	$ 1,185,169	$ 37,271,543

97	**Off-System Peaking Demand Costs**	LN 12
98		
99	**Allocation of Off-system Peaking Demand Costs to Months**	
100		
101	Design Year Peaking Volumes	Company Analysis
102	Rank	LN 101 Ranking
103	% Max Month	LN 101 / LN 101 MAX
104	PR	The difference between LN 103 for the month and LN 103 for next highest rank
105	CumPR	Cumulative Values, LN 104
106	Peaking Demand Costs	LN 105 * LN 97
107		
108	**Capacity Cost Allocator based on Design Year Sales**	
109		
110	**Therms**	
111	Maine	Company Analysis
112	New Hampshire	Company Analysis
113	Total	LN 111 + LN 112
114		
115	**Percentage of Total**	
116	Maine	LN 111 / LN 113
117	New Hampshire	LN 112 / LN 113
118	Total	LN 116 + LN 117
119		
120	**Allocation of Off-System Peaking Demand Costs by Division**	
121	Maine	LN 106 * LN 116
122	New Hampshire	LN 106 * LN 117
123	Total	LN 121 + LN 122

Total Weighted Average MPR Factor

124	**Maine**	
125	Total Pipeline, Storage & On-system	LN 87
126	Total Off-system Peaking	LN 121
127	Total Demand Cost Allocation	LN 125 + LN 126
128		
129	**New Hampshire**	
130	Total Pipeline, Storage & On-system	LN 96
131	Total Off-system Peaking	LN 122
132	Total Demand Cost Allocation	LN 130 + Ln 131
133		
134	**Total Northern**	
135	Total Pipeline, Storage & On-system	LN 125 + LN 130
136	Total Off-system Peaking	LN 126 + LN 131
137	Total Demand Cost Allocation	LN 127 + LN 132

Northern Utilities - NEW HAMPSHIRE DIVISION
Simplified Market Based Allocator (SMBA) Calculations
DEMAND COSTS

NH Division Total Annual Demand Cost Allocation

	Resource	**Costs**
2	Pipeline & Product Demand	$ 7,112,216
3	Storage	$ 15,143,882
4	On-system Peaking	$ 2,451,056
5	Total Gross Demand Cost	$ 24,707,155
6		
7	Capacity Assignment Demand Revenue Estimate	$ 6,228,246
8	NH Total Pipeline, Storage & Peaking Demand Cost	$ 24,707,155
9	Capacity Assignment as % of Total Gross Demand Cost	25.21%
10		
11		**Costs**
12	Pipeline & Product Demand	$ 1,792,867
13	Storage	$ 3,817,511
14	On-system Peaking	$ 617,869
15	Total Capacity Assignment Credit	$ 6,228,246
16		
17	NH Net Annual Demand Cost (Less Capacity Assignment)	
18		**Costs**
19	Pipeline & Product Demand	$ 5,319,350
20	Storage	$ 11,326,371
21	On-system Peaking	$ 1,833,187
22	Total Net Demand Cost (Less Capacity Assignment)	$ 18,478,909
23		

DEVELOPMENT OF BASE AND REMAINING PIPELINE DEMAND COSTS

		MMBtu/day
26	Pipeline MDQ	12,031
27	Less 25.21% NH Transp. Capacity Assignment	(3,033)
28	Net Pipeline MDQ	8,998
29		
30	Net Pipeline MDQ	8,998
31	Less: Firm Sales Base Use	2,748
32	Remaining Pipeline MDQ	6,251
33		
34		**Unit Cost**
35	Pipeline Unit Cost	$591.14
36		
37		**Costs**
38	Pipeline & Product Demand	$ 5,319,350
39	Less: Base Pipeline Use	$ 1,624,317
40	Remaining Pipeline Use	$ 3,695,032

1	**Resource**	
2	Pipeline & Product Demand	Attachment NUI-CAK-1, LN 90 + Attachment NUI-CAK-1, LN 93
3	Storage	Attachment NUI-CAK-1, LN 91
4	On-system Peaking	Attachment NUI-CAK-1, LN 92
5	Total Gross Demand Cost	Sum (LN 2 : LN 4)
6		
7	Capacity Assignment Demand Revenue Estimate	Attachment NUI-FXW-6, Page 1
8	NH Total Pipeline, Storage & Peaking Demand Cost	LN 5
9	Capacity Assignment as % of Total Gross Demand Cost	LN 7 / LN 8
10		
11		
12	Pipeline & Product Demand	LN 2 * LN 9
13	Storage	LN 3 * LN 9
14	On-system Peaking	LN 4 * LN 9
15	Total Capacity Assignment Credit	Sum (LN 12 : LN 14)
16		
17	NH Net Annual Demand Cost (Less Capacity Assignment)	
18		
19	Pipeline & Product Demand	LN 2 - LN 12
20	Storage	LN 3 - LN 13
21	On-system Peaking	LN 4 - LN 14
22	Total Net Demand Cost (Less Capacity Assignment)	LN 5 - LN 15
23		
24	**DEVELOPMENT OF BASE AND REMAINING PIPELINE DEMAND C**	
25		
26	Pipeline MDQ	Company Analysis
27	Less 25.21% NH Transp. Capacity Assignment	-(LN 26) * LN 9
28	Net Pipeline MDQ	Sum (LN 26 : LN 27)
29		
30	Net Pipeline MDQ	LN 28
31	Less: Firm Sales Base Use	Attachment NUI-CAK-3, LN 48 / 10
32	Remaining Pipeline MDQ	LN 30 - LN 31
33		
34		
35	Pipeline Unit Cost	LN 19 / LN 30
36		
37		
38	Pipeline & Product Demand	LN 19
39	Less: Base Pipeline Use	LN 35 * LN 31
40	Remaining Pipeline Use	LN 38 - LN 39

Northern Utilities - NEW HAMPSHIRE DIVISION
Simplified Market Based Allocator (SMBA) Calculations
DEMAND COSTS

NH DIVISION MONTHLY PROPORTIONAL RESPONSIBILITY (PR ALLOCATORS)
(Based on NH Firm Sales Sendout for Remaining Temperature Sensitive Load)

All Months	**Nov**	**Dec**	**Jan**	**Feb**	**Mar**	**Apr**
Remaining Load for All Months	3,536,543	5,527,195	6,575,335	5,655,110	4,628,265	2,314,763
Rank	5	3	1	2	4	6
% Max Month	53.78%	84.06%	100.00%	86.00%	70.39%	35.20%
PR	3.72%	4.56%	14.00%	0.97%	4.15%	3.15%
CumPR	8.95%	17.66%	32.63%	18.63%	13.10%	5.24%

Peak Months Only	**Nov**	**Dec**	**Jan**	**Feb**	**Mar**	**Apr**
Remaining Load for Peak Months Only	3,536,543	5,527,195	6,575,335	5,655,110	4,628,265	2,314,763
Rank	5	3	1	2	4	6
% Max Month	53.78%	84.06%	100.00%	86.00%	70.39%	35.20%
PR	3.72%	4.56%	14.00%	0.97%	4.15%	5.87%
CumPR	9.58%	18.29%	33.26%	19.26%	13.73%	5.87%

DEMAND COST PR ALLOCATORS

	Nov	**Dec**	**Jan**	**Feb**	**Mar**	**Apr**
Pipeline - Base	8.33%	8.33%	8.33%	8.33%	8.33%	8.33%
Pipeline - Remaining	8.95%	17.66%	32.63%	18.63%	13.10%	5.24%
Storage & Peaking	8.95%	17.66%	32.63%	18.63%	13.10%	5.24%
Capacity Release	9.58%	18.29%	33.26%	19.26%	13.73%	5.87%
Interr. Margins & Off Sys Sales	9.58%	18.29%	33.26%	19.26%	13.73%	5.87%

DEMAND COSTS ALLOCATED TO MONTHS

	Nov	**Dec**	**Jan**	**Feb**	**Mar**	**Apr**
Pipeline - Base	$ 135,360	$ 135,360	$ 135,360	$ 135,360	$ 135,360	$ 135,360
Pipeline - Remaining	$ 330,811	$ 652,570	$ 1,205,635	$ 688,512	$ 484,185	$ 193,494
Total Pipeline	$ 466,170	$ 787,930	$ 1,340,995	$ 823,871	$ 619,545	$ 328,854
Storage & On-system Peaking	$ 1,178,155	$ 2,324,077	$ 4,293,772	$ 2,452,079	$ 1,724,385	$ 689,113
Off-system Peaking	$48,520	$92,119	$181,022	$98,876	$71,529	$30,229
Less Credits to Demand Cost						
Cap Rel Margins & Asset Mgt Credits	$ 986,966	$ 1,883,755	$ 3,425,222	$ 1,983,928	$ 1,414,441	$ 604,246
Interruptible Margins	$ -	$ -	$ -	$ -	$ -	$ -
Conversion Rate and Re-entry Rate Credits	$ 2,396	$ 4,573	$ 8,315	$ 4,816	$ 3,434	$ 1,467
Total Direct Demand Costs	$ 703,483	$ 1,315,799	$ 2,382,253	$ 1,386,082	$ 997,584	$ 442,483

Indirect Demand Costs/(Credits)
Miscellaneous Overhead
Local Production & Storage
Subtotal

Northern Utilities - NEW HAMPSHIRE DIVISION
Simplified Market Based Allocator (SMBA) Calculations
DEMAND COSTS

NH DIVISION MONTHLY PROPORTIONAL RESPONSIBILITY (PR ALLOCATORS)
(Based on NH Firm Sales Sendout for Remaining Temperature Sensitive Load)

All Months	May	Jun	Jul	Aug	Sep	Oct	Annual	Winter	Summer
Remaining Load for All Months	680,255	167,113	0	4,675	131,183	1,071,065	30,291,501	28,237,211	2,054,290
Rank	8	9	12	11	10	7			
% Max Month	10.35%	2.54%	0.00%	0.07%	2.00%	16.29%			
PR	0.98%	0.06%	0.00%	0.01%	0.19%	0.85%	32.63%		
CumPR	1.24%	0.26%	0.00%	0.01%	0.20%	2.08%	100.00%	96.22%	3.78%

Peak Months Only	Annual	Winter	Summer
Remaining Load for Peak Months Only	28,237,211	28,237,211	
Rank			
% Max Month			
PR	33.26%		
CumPR	100.00%	100.00%	0.00%

DEMAND COST PR ALLOCATORS

	May	Jun	Jul	Aug	Sep	Oct	Annual	Winter	Summer
Pipeline - Base	8.33%	8.33%	8.33%	8.33%	8.33%	8.33%	100.00%	50.00%	50.00%
Pipeline - Remaining	1.24%	0.26%	0.00%	0.01%	0.20%	2.08%	100.00%	96.22%	3.78%
Storage & Peaking	1.24%	0.26%	0.00%	0.01%	0.20%	2.08%	100.00%	96.22%	3.78%
Capacity Release	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	100.00%	0.00%
Interr. Margins & Off Sys Sales	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	100.00%	0.00%

DEMAND COSTS ALLOCATED TO MONTHS

	May	Jun	Jul	Aug	Sep	Oct	Annual	Winter	Summer	Winter	Summer
Pipeline - Base	$ 135,360	$ 135,360	$ 135,360	$ 135,360	$ 135,360	$ 135,360	$ 1,624,317	$ 812,159	$ 812,159	50.00%	50.00%
Pipeline - Remaining	$ 45,637	$ 9,591	$ -	$ 239	$ 7,348	$ 77,011	$ 3,695,032	$ 3,555,207	$ 139,825	96.22%	3.78%
Total Pipeline	$ 180,996	$ 144,951	$ 135,360	$ 135,599	$ 142,708	$ 212,370	$ 5,319,350	$ 4,367,366	$ 951,984	82.10%	17.90%
Storage & On-system Peaking	$ 162,531	$ 34,159	$ -	$ 851	$ 26,169	$ 274,267	$ 13,159,559	$ 12,661,582	$ 497,977	96.22%	3.78%
Off-system Peaking	$0	$0	$0	$0	$0	$0	$ 522,295	$ 522,295	$ -	100.00%	0.00%
Less Credits to Demand Cost											
Cap Rel Margins & Asset Mgt Credits	$ -	$ -	$ -	$ -	$ -	$ -	$10,298,558	$ 10,298,558	$ -	100.00%	0.00%
Interruptible Margins	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -		
Conversion Rate and Re-entry Rate Credits	$ -	$ -	$ -	$ -	$ -	$ -	$ 25,000	$ 25,000	$ -		
Total Direct Demand Costs	$ 343,528	$ 179,110	$ 135,360	$ 136,449	$ 168,877	$ 486,637	$ 8,677,645	$ 7,227,684	$ 1,449,961	83.29%	16.71%

Indirect Demand Costs/(Credits)					
Miscellaneous Overhead	$ 611,875	$ 504,091	$ 107,784	82.38%	17.62%
Local Production & Storage	$ 214,538	$ 214,538	$ -	100.00%	0.00%
Subtotal	$ 826,413	$ 718,629	$ 107,784	86.96%	13.04%

Northern Utilities - NEW HAMPSHIRE DIVISION
Simplified Market Based Allocator (SMBA) Calculations
DEMAND COSTS

NH DIVISION MONTHLY PROPORTIONAL RESPONSIBILITY (PR) ALLOCATORS)
(Based on NH Firm Sales Sendout for Remaining Temperature Sensitive Load)

All Months	
Remaining Load for All Months	Attachment NUI-CAK-3, LN 80
Rank	Rank LN 45
% Max Month	LN 45 / MAX Month LN 45
PR	The difference between LN 47 for the month and LN 47 for next highest rank
CumPR	Cumulative Values, LN 48

Peak Months Only	
Remaining Load for Peak Months Only	LN 45
Rank	Rank LN 52
% Max Month	LN 52 / MAX Month LN 52
PR	The difference between LN 54 for the month and LN 54 for next highest rank
CumPR	Cumulative Values, LN 55

DEMAND COST PR ALLOCATORS

Pipeline - Base	1/12
Pipeline - Remaining	LN 49
Storage & Peaking	LN 49
Capacity Release	LN 56
Interr. Margins & Off Sys Sales	LN 56

DEMAND COSTS ALLOCATED TO MONTHS

Pipeline - Base	LN 39 * LN 60
Pipeline - Remaining	LN 40 * LN 61
Total Pipeline	LN 69 + LN 70
Storage & On-system Peaking	LN 62 * (Sum LN 20 : LN 21)
Off-system Peaking	Attachment NUI-CAK-1, LN 122,* LN 64

Less Credits to Demand Cost	
Cap Rel Margins & Asset Mgt Credits	Attachment NUI-CAK-1, LN 95 * LN 63
Interruptible Margins	
Conversion Rate and Re-entry Rate Credits	Company Analysis
Total Direct Demand Costs	LN 71 + LN 73 + LN 74 - (Sum LN 76 : LN 79)

Indirect Demand Costs/(Credits)	
Miscellaneous Overhead	Company Analysis
Local Production & Storage	Company Analysis
Subtotal	LN 83 + LN 84

Northern Utilities - NEW HAMPSHIRE DIVISION
2022 - 2023 Period

Line No.	Forecasted Normal Sales By Class- Therms Calendar Month Firm Sales Volumes Normal Winter	Nov-22	Dec-22	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Annual	Winter	Summer
1	Res Heat	2,106,498	3,081,345	3,587,644	3,116,587	2,647,123	1,513,129	567,330	367,136	313,696	317,158	353,832	712,052	18,683,530	16,052,326	2,631,203
2	Res General	19,458	28,463	33,140	28,789	24,452	13,977	16,334	10,570	9,032	9,131	10,187	20,500	224,034	148,279	75,754
3	**Total Residential**	**2,125,956**	**3,109,808**	**3,620,784**	**3,145,375**	**2,671,575**	**1,527,106**	**583,664**	**377,706**	**322,728**	**326,289**	**364,019**	**732,552**	**18,907,563**	**16,200,606**	**2,706,958**
4	G50 Low Annual-Low Winter	103,570	151,501	176,394	153,234	130,151	74,396	130,727	84,597	72,283	73,081	81,532	164,074	1,395,541	789,247	606,295
5	G40 Low Annual-High Winter	1,020,233	1,492,377	1,737,591	1,509,446	1,282,072	732,849	248,691	160,935	137,510	139,027	155,103	312,130	8,927,965	7,774,567	1,153,397
6	G51 Med Annual-Low Winter	168,301	246,187	286,639	249,003	211,495	120,893	186,799	120,883	103,288	104,428	116,503	234,450	2,148,868	1,282,517	866,351
7	G41 Med Annual-High Winter	659,683	964,972	1,123,527	976,008	828,988	473,860	203,942	131,977	112,767	114,011	127,195	255,966	5,972,897	5,027,039	945,858
8	G52 High Annual-Low Winter	53,589	78,389	91,269	79,285	67,342	38,494	83,740	54,191	46,303	46,814	52,227	105,101	796,743	408,368	388,375
9	G42 High Annual-High Winter	198,141	289,836	337,460	293,151	248,993	142,327	83,463	54,011	46,149	46,659	52,054	104,753	1,896,997	1,509,909	387,088
10	**Total C&I**	**2,203,517**	**3,223,262**	**3,752,880**	**3,260,127**	**2,769,041**	**1,582,819**	**937,362**	**606,594**	**518,299**	**524,020**	**584,613**	**1,176,476**	**21,139,011**	**16,791,646**	**4,347,365**
11	**Total Sales**	**4,329,473**	**6,333,071**	**7,373,664**	**6,405,502**	**5,440,616**	**3,109,925**	**1,521,025**	**984,300**	**841,027**	**850,309**	**948,632**	**1,909,028**	**40,046,575**	**32,992,252**	**7,054,322**
12																
13	Residential Heat & Non Heat	2,125,956	3,109,808	3,620,784	3,145,375	2,671,575	1,527,106	583,664	377,706	322,728	326,289	364,019	732,552	18,907,563	16,200,606	2,706,958
14	SALES HLF CLASSES	325,460	476,077	554,302	481,522	408,988	233,783	401,266	259,671	221,874	224,323	250,261	503,626	4,341,153	2,480,131	1,861,021
15	SALES LLF CLASSES	1,878,057	2,747,186	3,198,579	2,778,605	2,360,053	1,349,036	536,096	346,923	296,426	299,697	334,352	672,850	16,797,859	14,311,515	2,486,344
16	**Total Firm Sales**	**4,329,473**	**6,333,071**	**7,373,664**	**6,405,502**	**5,440,616**	**3,109,925**	**1,521,025**	**984,300**	**841,027**	**850,309**	**948,632**	**1,909,028**	**40,046,575**	**32,992,252**	**7,054,322**
17																
18	**ESTIMATED SENDOUT BY CLASS - Therms**															
19	Calendar Month Sendout Volumes (Includes Loss & Unaccounted For)															
20	Normal Winter	**Nov-22**	**Dec-22**	**Jan-23**	**Feb-23**	**Mar-23**	**Apr-23**	**May-23**	**Jun-23**	**Jul-23**	**Aug-23**	**Sep-23**	**Oct-23**	**Annual**	**Winter**	**SUMMER**
21	Res Heat	2,121,774	3,103,692	3,613,663	3,139,191	2,666,319	1,524,103	571,446	369,799	315,972	319,460	356,397	717,214	18,819,030	16,168,742	2,650,288
22	Res General	19,599	28,670	33,380	28,998	24,629	14,079	16,452	10,647	9,097	9,197	10,261	20,649	225,659	149,355	76,304
23	G50 Low Annual-Low Winter	104,322	152,600	177,673	154,345	131,095	74,936	131,675	85,211	72,808	73,611	82,123	165,264	1,405,663	794,970	610,692
24	G40 Low Annual-High Winter	1,027,631	1,503,200	1,750,193	1,520,393	1,291,369	738,164	250,495	162,103	138,508	140,036	156,228	314,393	8,992,714	7,830,950	1,161,763
25	G51 Med Annual-Low Winter	169,521	247,973	288,717	250,809	213,028	121,770	188,154	121,760	104,037	105,185	117,348	236,150	2,164,453	1,291,818	872,635
26	G41 Med Annual-High Winter	664,467	971,970	1,131,676	983,087	835,000	477,297	205,422	132,934	113,585	114,839	128,117	257,822	6,016,215	5,063,496	952,719
27	G52 High Annual-Low Winter	53,977	78,957	91,931	79,860	67,831	38,773	84,348	54,584	46,639	47,153	52,606	105,864	802,522	411,329	391,192
28	G42 High Annual-High Winter	199,578	291,938	339,907	295,277	250,798	143,360	84,068	54,403	46,484	46,997	52,431	105,513	1,910,755	1,520,859	389,896
29	**Subtotal**															
30	Residential	2,141,374	3,132,362	3,647,043	3,168,188	2,690,949	1,538,182	587,898	380,446	325,069	328,657	366,658	737,864	19,044,689	16,318,096	2,726,592
31	SALES HLF CLASSES	327,820	479,529	558,321	485,014	411,954	235,478	404,177	261,555	223,484	225,950	252,076	507,278	4,372,638	2,498,118	1,874,520
32	SALES LLF CLASSES	1,891,676	2,767,109	3,221,775	2,798,758	2,377,167	1,358,820	539,985	349,440	298,577	301,872	336,776	677,729	16,919,684	14,415,306	2,504,378
33	**Total Firm Sales**	4,360,870	6,379,000	7,427,140	6,451,960	5,480,070	3,132,480	1,532,060	991,440	847,130	856,480	955,510	1,922,870	40,337,010	33,231,520	7,105,490

Northern Utilities - NEW HAMPSHIRE DIVISION
2022 - 2023 Period

Line No.	**Forecasted Normal Sales By Class- Therms** Calendar Month Firm Sales Volumes **Firm Sales**	
1	Res Heat	(Attachment NUI-FXW-2, Page 1) * 10
2	Res General	(Attachment NUI-FXW-2, Page 1) * 10
3	**Total Residential**	Sum LN 1 : LN 2
4	G50 Low Annual-Low Winter	(Attachment NUI-FXW-2, Page 1) * 10
5	G40 Low Annual-High Winter	(Attachment NUI-FXW-2, Page 1) * 10
6	G51 Med Annual-Low Winter	(Attachment NUI-FXW-2, Page 1) * 10
7	G41 Med Annual-High Winter	(Attachment NUI-FXW-2, Page 1) * 10
8	G52 High Annual-Low Winter	(Attachment NUI-FXW-2, Page 1) * 10
9	G42 High Annual-High Winter	(Attachment NUI-FXW-2, Page 1) * 10
10	**Total C&I**	Sum LN 4 : LN 9
11	**Total Sales**	LN 3 + LN 10
12		
13	Residential Heat & Non Heat	LN 3
14	SALES HLF CLASSES	LN 4 + LN 6 + LN 8
15	SALES LLF CLASSES	LN 5 + LN 7 + LN 9
16	**Total Firm Sales**	Sum LN 13 : LN 15
17		
18	**ESTIMATED SENDOUT BY CLASS - Therms**	
19	Calendar Month Sendout Volumes (Includes Loss & Unaccounted For)	Unaccounted For)
20	Normal Winter	
21	Res Heat	LN 1 x Adj factor (Attachment NUI-FXW-2, Page 4)
22	Res General	LN 2 x Adj factor (Attachment NUI-FXW-2, Page 4)
23	G50 Low Annual-Low Winter	LN 4 x Adj factor (Attachment NUI-FXW-2, Page 4)
24	G40 Low Annual-High Winter	LN 5 x Adj factor (Attachment NUI-FXW-2, Page 4)
25	G51 Med Annual-Low Winter	LN 6 x Adj factor (Attachment NUI-FXW-2, Page 4)
26	G41 Med Annual-High Winter	LN 7 x Adj factor (Attachment NUI-FXW-2, Page 4)
27	G52 High Annual-Low Winter	LN 8 x Adj factor (Attachment NUI-FXW-2, Page 4)
28	G42 High Annual-High Winter	LN 9 x Adj factor (Attachment NUI-FXW-2, Page 4)
29	**Subtotal**	
30	Residential	LN 21 + LN 22
31	SALES HLF CLASSES	LN 23 + LN 25 + LN 27
32	SALES LLF CLASSES	LN 24 + LN 26 + LN 28
33	**Total Firm Sales**	Sum LN 30 : LN 32

Northern Utilities - NEW HAMPSHIRE DIVISION

Sendout by Class - Allocation between Base & Remaining Sendout

34		
35	**DAILY BASE GAS ENTITLEMENT - Therms/day**	
36	Res Heat	10,249
37	Res General	295
38	G50 Low Annual-Low Winter	2,362
39	G40 Low Annual-High Winter	4,493
40	G51 Med Annual-Low Winter	3,375
41	G41 Med Annual-High Winter	3,684
42	G52 High Annual-Low Winter	1,513
43	G42 High Annual-High Winter	1,508
44	**Subtotal**	
45	Residential	10,544
46	SALES HLF CLASSES	7,249
47	SALES LLF CLASSES	9,685
48	**Total Firm Sales**	**27,478**

49	**BASE SENDOUT BY CLASS - Therms**																
50	Days per Month	30	31	31	28	31	30	31	30	31	31	30	31				
51		**Nov-22**	**Dec-22**	**Jan-23**	**Feb-23**	**Mar-23**	**Apr-23**	**May-23**	**Jun-23**	**Jul-23**	**Aug-23**	**Sep-23**	**Oct-23**	**Annual**	**Winter**	**SUMMER**
52	Res Heat	307,467	317,716	317,716	286,969	317,716	307,467	317,716	307,467	315,972	317,716	307,467	317,716	3,739,108	1,855,052	1,884,055
53	Res General	8,852	9,147	9,147	8,262	9,147	8,852	9,147	8,852	9,097	9,147	8,852	9,147	107,652	53,408	54,243
54	G50 Low Annual-Low Winter	70,848	73,210	73,210	66,125	73,210	70,848	73,210	70,848	72,808	73,210	70,848	73,210	861,583	427,450	434,133
55	G40 Low Annual-High Winter	134,779	139,272	139,272	125,794	139,272	134,779	139,272	134,779	138,508	139,272	134,779	139,272	1,639,051	813,169	825,882
56	G51 Med Annual-Low Winter	101,237	104,611	104,611	94,488	104,611	101,237	104,611	101,237	104,037	104,611	101,237	104,611	1,231,140	610,795	620,345
57	G41 Med Annual-High Winter	110,528	114,212	114,212	103,159	114,212	110,528	114,212	110,528	113,585	114,212	110,528	114,212	1,344,124	666,849	677,275
58	G52 High Annual-Low Winter	45,383	46,896	46,896	42,358	46,896	38,773	46,896	45,383	46,639	46,896	45,383	46,896	545,296	267,202	278,094
59	G42 High Annual-High Winter	45,233	46,741	46,741	42,217	46,741	45,233	46,741	45,233	46,484	46,741	45,233	46,741	550,077	272,905	277,172
60	**Subtotal**															
61	Residential	316,319	326,863	326,863	295,231	326,863	316,319	326,863	316,319	325,069	326,863	316,319	326,863	3,846,759	1,908,461	1,938,299
62	SALES HLF CLASSES	217,468	224,717	224,717	202,970	224,717	210,858	224,717	217,468	223,484	224,717	217,468	224,717	2,638,019	1,305,448	1,332,572
63	SALES LLF CLASSES	290,540	300,224	300,224	271,170	300,224	290,540	300,224	290,540	298,577	300,224	290,540	300,224	3,533,253	1,752,923	1,780,330
64	**Total Firm Sales**	824,327	851,805	851,805	769,372	851,805	817,717	851,805	824,327	847,130	851,805	824,327	851,805	10,018,031	4,966,832	5,051,200
65																
66	**REMAINING SENDOUT BY CLASS - Therms**															
67		**Nov-22**	**Dec-22**	**Jan-23**	**Feb-23**	**Mar-23**	**Apr-23**	**May-23**	**Jun-23**	**Jul-23**	**Aug-23**	**Sep-23**	**Oct-23**	**Annual**	**Winter**	**SUMMER**
68	Res Heat	1,814,307	2,785,976	3,295,947	2,852,221	2,348,603	1,216,636	253,729	62,332	-	1,744	48,930	399,498	15,079,922	14,313,689	766,233
69	Res General	10,747	19,522	24,233	20,735	15,482	5,226	7,305	1,795	-	50	1,409	11,502	118,007	95,946	22,060
70	G50 Low Annual-Low Winter	33,473	79,390	104,464	88,220	57,886	4,088	58,466	14,363	-	402	11,275	92,054	544,079	367,520	176,559
71	G40 Low Annual-High Winter	892,852	1,363,928	1,610,921	1,394,599	1,152,097	603,384	111,223	27,323	-	764	21,449	175,121	7,353,663	7,017,782	335,881
72	G51 Med Annual-Low Winter	68,285	143,361	184,106	156,321	108,417	20,533	83,543	20,523	-	574	16,111	131,539	933,313	681,023	252,290
73	G41 Med Annual-High Winter	553,940	857,758	1,017,464	879,928	720,788	366,769	91,210	22,407	-	627	17,589	143,611	4,672,091	4,396,647	275,443
74	G52 High Annual-Low Winter	8,594	32,061	45,035	37,503	20,934	-	37,451	9,200	-	257	7,222	58,967	257,226	144,127	113,099
75	G42 High Annual-High Winter	154,345	245,198	293,166	253,060	204,058	98,127	37,327	9,170	-	257	7,198	58,772	1,360,678	1,247,953	112,724
76	**Subtotal**															
77	Residential	1,825,054	2,805,498	3,320,180	2,872,957	2,364,085	1,221,862	261,034	64,126	-	1,794	50,339	411,000	15,197,929	14,409,636	788,294
78	SALES HLF CLASSES	110,352	254,812	333,604	282,044	187,237	24,621	179,460	44,086	-	1,233	34,608	282,561	1,734,618	1,192,670	541,948
79	SALES LLF CLASSES	1,601,136	2,466,884	2,921,551	2,527,587	2,076,943	1,068,280	239,760	58,900	-	1,648	46,236	377,504	13,386,431	12,662,382	724,048
80	**Total Firm Sales**	3,536,543	5,527,195	6,575,335	5,682,588	4,628,265	2,314,763	680,255	167,113	-	4,675	131,183	1,071,065	30,318,979	28,264,688	2,054,290

Northern Utilities - NEW HAMPSHIRE DIVISION
Sendout by Class - Allocation between Base & Remaining Sendout

34		
35	DAILY BASE GAS ENTITLEMENT - Therms/day	
36	Res Heat	Avg (LN 21 Jul : LN 21 Aug) / 31 days
37	Res General	Avg (LN 22 Jul : LN 22 Aug) / 31 days
38	G50 Low Annual-Low Winter	Avg (LN 23 Jul : LN 23 Aug) / 31 days
39	G40 Low Annual-High Winter	Avg (LN 24 Jul : LN 24 Aug) / 31 days
40	G51 Med Annual-Low Winter	Avg (LN 25 Jul : LN 25 Aug) / 31 days
41	G41 Med Annual-High Winter	Avg (LN 26 Jul : LN 26 Aug) / 31 days
42	G52 High Annual-Low Winter	Avg (LN 27 Jul : LN 27 Aug) / 31 days
43	G42 High Annual-High Winter	Avg (LN 28 Jul : LN 28 Aug) / 31 days
44	**Subtotal**	
45	Residential	LN 36 + LN 37
46	SALES HLF CLASSES	LN 38 + LN 40 + LN 42
47	SALES LLF CLASSES	LN 39 + LN 41 + LN 43
48	**Total Firm Sales**	Sum LN 45 : LN 47
49	**BASE SENDOUT BY CLASS - Therms**	
50	Days per Month	
51		
52	Res Heat	MIN(LN 36 * LN 50, LN 21)
53	Res General	MIN(LN 37 * LN 50, LN 22)
54	G50 Low Annual-Low Winter	MIN(LN 38 * LN 50, LN 23)
55	G40 Low Annual-High Winter	MIN(LN 39 * LN 50, LN 24)
56	G51 Med Annual-Low Winter	MIN(LN 40 * LN 50, LN 25)
57	G41 Med Annual-High Winter	MIN(LN 41 * LN 50, LN 26)
58	G52 High Annual-Low Winter	MIN(LN 42 * LN 50, LN 27)
59	G42 High Annual-High Winter	MIN(LN 43 * LN 50, LN 28)
60	**Subtotal**	
61	Residential	LN 52 + LN 53
62	SALES HLF CLASSES	LN 54 + LN 56 + LN 58
63	SALES LLF CLASSES	LN 55 + LN 57 + LN 59
64	**Total Firm Sales**	Sum LN 61 : LN 63
65		
66	REMAINING SENDOUT BY CLASS - Therms	
67		
68	Res Heat	LN 21 - LN 52
69	Res General	LN 22 - LN 53
70	G50 Low Annual-Low Winter	LN 23 - LN 54
71	G40 Low Annual-High Winter	LN 24 - LN 55
72	G51 Med Annual-Low Winter	LN 25 - LN 56
73	G41 Med Annual-High Winter	LN 26 - LN 57
74	G52 High Annual-Low Winter	LN 27 - LN 58
75	G42 High Annual-High Winter	LN 28 - LN 59
76	**Subtotal**	
77	Residential	LN 68 + LN 69
78	SALES HLF CLASSES	LN 70 + LN 72 + LN 74
79	SALES LLF CLASSES	LN 71 + LN 73 + LN 75
80	**Total Firm Sales**	Sum LN 77 : LN 79

Northern Utilities - NEW HAMPSHIRE DIVISION
Allocation of Demand Costs to Customer Classes

Base Capacity Costs

BASE SENDOUT BY CLASS	Nov-23	Dec-23	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Annual	Winter	SUMMER
Total Therms															
Res Heat	307,467	317,716	317,716	297,218	317,716	307,467	317,716	307,467	315,972	317,716	307,467	317,716	3,749,357	1,865,301	1,884,055
Res General	8,852	9,147	9,147	8,557	9,147	8,852	9,147	8,852	9,097	9,147	8,852	9,147	107,947	53,703	54,243
G50 Low Annual-Low Winter	70,848	73,210	73,210	68,486	73,210	70,848	73,210	70,848	72,808	73,210	70,848	73,210	863,945	429,812	434,133
G40 Low Annual-High Winter	134,779	139,272	139,272	130,287	139,272	134,779	139,272	134,779	138,508	139,272	134,779	139,272	1,643,544	817,661	825,882
G51 Med Annual-Low Winter	101,237	104,611	104,611	97,862	104,611	101,237	104,611	101,237	104,037	104,611	101,237	104,611	1,234,515	614,170	620,345
G41 Med Annual-High Winter	110,528	114,212	114,212	106,843	114,212	110,528	114,212	110,528	113,585	114,212	110,528	114,212	1,347,809	670,534	677,275
G52 High Annual-Low Winter	45,383	46,896	46,896	43,871	46,896	38,773	46,896	45,383	46,639	46,896	45,383	46,896	546,809	268,715	278,094
G42 High Annual-High Winter	45,233	46,741	46,741	43,725	46,741	45,233	46,741	45,233	46,484	46,741	45,233	46,741	551,585	274,413	277,172
Total Firm Sales	824,327	851,805	851,805	796,850	851,805	817,717	851,805	824,327	847,130	851,805	824,327	851,805	10,045,509	4,994,309	5,051,200
% of Total															
Res Heat	37.30%	37.30%	37.30%	37.30%	37.30%	37.60%	37.30%	37.30%	37.30%	37.30%	37.30%	37.30%			
Res General	1.07%	1.07%	1.07%	1.07%	1.07%	1.08%	1.07%	1.07%	1.07%	1.07%	1.07%	1.07%			
G50 Low Annual-Low Winter	8.59%	8.59%	8.59%	8.59%	8.59%	8.66%	8.59%	8.59%	8.59%	8.59%	8.59%	8.59%			
G40 Low Annual-High Winter	16.35%	16.35%	16.35%	16.35%	16.35%	16.48%	16.35%	16.35%	16.35%	16.35%	16.35%	16.35%			
G51 Med Annual-Low Winter	12.28%	12.28%	12.28%	12.28%	12.28%	12.38%	12.28%	12.28%	12.28%	12.28%	12.28%	12.28%			
G41 Med Annual-High Winter	13.41%	13.41%	13.41%	13.41%	13.41%	13.52%	13.41%	13.41%	13.41%	13.41%	13.41%	13.41%			
G52 High Annual-Low Winter	5.51%	5.51%	5.51%	5.51%	5.51%	4.74%	5.51%	5.51%	5.51%	5.51%	5.51%	5.51%			
G42 High Annual-High Winter	5.49%	5.49%	5.49%	5.49%	5.49%	5.53%	5.49%	5.49%	5.49%	5.49%	5.49%	5.49%			
Total Firm Sales	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%			

PIPELINE BASE DEMAND COSTS	Nov-23	Dec-23	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Annual	Winter	SUMMER
TOTAL PIPELINE BASE DEMAND COST	$ 135,360	$ 135,360	$ 135,360	$ 135,360	$ 135,360	$ 135,360	$ 135,360	$ 135,360	$ 135,360	$ 135,360	$ 135,360	$ 135,360	$ 1,624,317	$ 812,159	$ 812,159
Res Heat	$ 50,488	$ 50,488	$ 50,488	$ 50,488	$ 50,488	$ 50,896	$ 50,488	$ 50,488	$ 50,488	$ 50,488	$ 50,488	$ 50,488	$ 606,265	$ 303,337	$ 302,928
Res General	$ 1,454	$ 1,454	$ 1,454	$ 1,454	$ 1,454	$ 1,465	$ 1,454	$ 1,454	$ 1,454	$ 1,454	$ 1,454	$ 1,454	$ 17,455	$ 8,733	$ 8,722
G50 Low Annual-Low Winter	$ 11,634	$ 11,634	$ 11,634	$ 11,634	$ 11,634	$ 11,728	$ 11,634	$ 11,634	$ 11,634	$ 11,634	$ 11,634	$ 11,634	$ 139,699	$ 69,896	$ 69,802
G40 Low Annual-High Winter	$ 22,132	$ 22,132	$ 22,132	$ 22,132	$ 22,132	$ 22,311	$ 22,132	$ 22,132	$ 22,132	$ 22,132	$ 22,132	$ 22,132	$ 265,758	$ 132,969	$ 132,790
G51 Med Annual-Low Winter	$ 16,624	$ 16,624	$ 16,624	$ 16,624	$ 16,624	$ 16,758	$ 16,624	$ 16,624	$ 16,624	$ 16,624	$ 16,624	$ 16,624	$ 199,619	$ 99,877	$ 99,742
G41 Med Annual-High Winter	$ 18,149	$ 18,149	$ 18,149	$ 18,149	$ 18,149	$ 18,296	$ 18,149	$ 18,149	$ 18,149	$ 18,149	$ 18,149	$ 18,149	$ 217,939	$ 109,043	$ 108,896
G52 High Annual-Low Winter	$ 7,452	$ 7,452	$ 7,452	$ 7,452	$ 7,452	$ 6,418	$ 7,452	$ 7,452	$ 7,452	$ 7,452	$ 7,452	$ 7,452	$ 88,393	$ 43,679	$ 44,713
G42 High Annual-High Winter	$ 7,428	$ 7,428	$ 7,428	$ 7,428	$ 7,428	$ 7,488	$ 7,428	$ 7,428	$ 7,428	$ 7,428	$ 7,428	$ 7,428	$ 89,190	$ 44,625	$ 44,565
Residential	$ 51,942	$ 51,942	$ 51,942	$ 51,942	$ 51,942	$ 52,362	$ 51,942	$ 51,942	$ 51,942	$ 51,942	$ 51,942	$ 51,942	$ 623,720	$ 312,070	$ 311,650
SALES HLF CLASSES	$ 35,710	$ 35,710	$ 35,710	$ 35,710	$ 35,710	$ 34,904	$ 35,710	$ 35,710	$ 35,710	$ 35,710	$ 35,710	$ 35,710	$ 427,710	$ 213,452	$ 214,258
SALES LLF CLASSES	$ 47,708	$ 47,708	$ 47,708	$ 47,708	$ 47,708	$ 48,094	$ 47,708	$ 47,708	$ 47,708	$ 47,708	$ 47,708	$ 47,708	$ 572,887	$ 286,637	$ 286,251

Northern Utilities - NEW HAMPSHI
Allocation of Demand Costs to Cus

Base Capacity Costs

1	**BASE SENDOUT BY CLASS**	
2	**Total Therms**	
3	Res Heat	Attachment NUI-CAK-3, LN 52
4	Res General	Attachment NUI-CAK-3, LN 53
5	G50 Low Annual-Low Winter	Attachment NUI-CAK-3, LN 54
6	G40 Low Annual-High Winter	Attachment NUI-CAK-3, LN 55
7	G51 Med Annual-Low Winter	Attachment NUI-CAK-3, LN 56
8	G41 Med Annual-High Winter	Attachment NUI-CAK-3, LN 57
9	G52 High Annual-Low Winter	Attachment NUI-CAK-3, LN 58
10	G42 High Annual-High Winter	Attachment NUI-CAK-3, LN 59
11	Total Firm Sales	Sum LN 3 : LN 10
12		
13	**% of Total**	
14	Res Heat	LN 3 / LN 11
15	Res General	LN 4 / LN 11
16	G50 Low Annual-Low Winter	LN 5 / LN 11
17	G40 Low Annual-High Winter	LN 6 / LN 11
18	G51 Med Annual-Low Winter	LN 7 / LN 11
19	G41 Med Annual-High Winter	LN 8 / LN 11
20	G52 High Annual-Low Winter	LN 9 / LN 11
21	G42 High Annual-High Winter	LN 10 / LN 11
22	Total Firm Sales	LN 11 / LN 11
23		
24	**PIPELINE BASE DEMAND COSTS**	
25	TOTAL PIPELINE BASE DEMAND COST	Attachment NUI-CAK-2, LN 69
26	Res Heat	LN 25 * LN 14
27	Res General	LN 25 * LN 15
28	G50 Low Annual-Low Winter	LN 25 * LN 16
29	G40 Low Annual-High Winter	LN 25 * LN 17
30	G51 Med Annual-Low Winter	LN 25 * LN 18
31	G41 Med Annual-High Winter	LN 25 * LN 19
32	G52 High Annual-Low Winter	LN 25 * LN 20
33	G42 High Annual-High Winter	LN 25 * LN 21
34		
35	Residential	LN 26 + LN 27
36	SALES HLF CLASSES	LN 28 + LN 30 + LN 32
37	SALES LLF CLASSES	LN 29 + LN 31 + LN 33
38		

Remaining Capacity Costs

	Column A	Column B	Column C	Column D
	Design Day Demand (MMBtu)	Avg Daily Base Use Load (MMBtu)	Remaining Design Day Demand (MMBtu)	% of Total Remaining Design Day Demand
Res Heat	22,604	1,025	21,579	49.89%
Res General	178	30	148	0.34%
G50 Low Annual-Low Winter	691	236	455	1.05%
G40 Low Annual-High Winter	11,817	449	11,368	26.28%
G51 Med Annual-Low Winter	1,064	337	727	1.68%
G41 Med Annual-High Winter	7,240	368	6,871	15.89%
G52 High Annual-Low Winter	395	151	244	0.56%
G42 High Annual-High Winter	2,015	151	1,865	4.31%
TOTAL	46,004	2,747	43,257	100.00%

REMAINING PIPELINE DEMAND

	Nov-23	Dec-23	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Annual	Winter	SUMMER
NH DIVISION TOTAL - REMAINING PIPELI	$ 330,811	$ 652,570	$ 1,205,635	$ 688,512	$ 484,185	$ 193,494	$ 45,637	$ 9,591	$ -	$ 239	$ 7,348	$ 77,011	$ 3,695,032	$ 3,555,207	$ 139,825
Res Heat	$ 165,030	$ 325,544	$ 601,449	$ 343,474	$ 241,543	$ 96,527	$ 22,767	$ 4,785	$ -	$ 119	$ 3,666	$ 38,418	$ 1,843,321	$ 1,773,567	$ 69,754
Res General	$ 1,134	$ 2,237	$ 4,132	$ 2,360	$ 1,659	$ 663	$ 156	$ 33	$ -	$ 1	$ 25	$ 264	$ 12,664	$ 12,185	$ 479
G50 Low Annual-Low Winter	$ 3,479	$ 6,863	$ 12,680	$ 7,241	$ 5,092	$ 2,035	$ 480	$ 101	$ -	$ 3	$ 77	$ 810	$ 38,863	$ 37,392	$ 1,471
G40 Low Annual-High Winter	$ 86,936	$ 171,493	$ 316,836	$ 180,938	$ 127,242	$ 50,849	$ 11,993	$ 2,521	$ -	$ 63	$ 1,931	$ 20,238	$ 971,039	$ 934,294	$ 36,746
G51 Med Annual-Low Winter	$ 5,558	$ 10,963	$ 20,255	$ 11,567	$ 8,135	$ 3,251	$ 767	$ 161	$ -	$ 4	$ 123	$ 1,294	$ 62,078	$ 59,729	$ 2,349
G41 Med Annual-High Winter	$ 52,550	$ 103,663	$ 191,519	$ 109,372	$ 76,914	$ 30,737	$ 7,250	$ 1,524	$ -	$ 38	$ 1,167	$ 12,233	$ 586,966	$ 564,755	$ 22,212
G52 High Annual-Low Winter	$ 1,864	$ 3,678	$ 6,795	$ 3,880	$ 2,729	$ 1,091	$ 257	$ 54	$ -	$ 1	$ 41	$ 434	$ 20,825	$ 20,037	$ 788
G42 High Annual-High Winter	$ 14,260	$ 28,129	$ 51,969	$ 29,678	$ 20,871	$ 8,341	$ 1,967	$ 413	$ -	$ 10	$ 317	$ 3,320	$ 159,275	$ 153,247	$ 6,027
TOTAL	$ 330,811	$ 652,570	$ 1,205,635	$ 688,512	$ 484,185	$ 193,494	$ 45,637	$ 9,591	$ -	$ 239	$ 7,348	$ 77,011	$ 3,695,032	$ 3,555,207	$ 139,825
Residential	$ 166,164	$ 327,781	$ 605,581	$ 345,834	$ 243,202	$ 97,190	$ 22,923	$ 4,818	$ -	$ 120	$ 3,691	$ 38,682	$ 1,855,986	$ 1,785,752	$ 70,233
SALES HLF CLASSES	$ 10,902	$ 21,505	$ 39,731	$ 22,689	$ 15,956	$ 6,376	$ 1,504	$ 316	$ -	$ 8	$ 242	$ 2,538	$ 121,767	$ 117,159	$ 4,608
SALES LLF CLASSES	$ 153,745	$ 303,285	$ 560,324	$ 319,988	$ 225,027	$ 89,927	$ 21,210	$ 4,458	$ -	$ 111	$ 3,415	$ 35,791	$ 1,717,280	$ 1,652,296	$ 64,984

STORAGE AND ON-SYSTEM PEAKING DEMAND

	Nov-23	Dec-23	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Annual	Winter	SUMMER
NH DIVISION TOTAL - PEAKING & STORA	$ 1,178,155	$ 2,324,077	$ 4,293,772	$ 2,452,079	$ 1,724,385	$ 689,113	$ 162,531	$ 34,159	$ -	$ 851	$ 26,169	$ 274,267	$ 13,159,559	$ 12,661,582	$ 497,977
Res Heat	$ 587,740	$ 1,159,400	$ 2,142,012	$ 1,223,256	$ 860,235	$ 343,774	$ 81,081	$ 17,041	$ -	$ 424	$ 13,055	$ 136,822	$ 6,564,840	$ 6,316,417	$ 248,423
Res General	$ 4,038	$ 7,966	$ 14,716	$ 8,404	$ 5,910	$ 2,362	$ 557	$ 117	$ -	$ 3	$ 90	$ 940	$ 45,103	$ 43,396	$ 1,707
G50 Low Annual-Low Winter	$ 12,391	$ 24,444	$ 45,160	$ 25,790	$ 18,136	$ 7,248	$ 1,709	$ 359	$ -	$ 9	$ 275	$ 2,885	$ 138,407	$ 133,170	$ 5,238
G40 Low Annual-High Winter	$ 309,614	$ 610,758	$ 1,128,386	$ 644,396	$ 453,161	$ 181,096	$ 42,713	$ 8,977	$ -	$ 224	$ 6,877	$ 72,076	$ 3,458,279	$ 3,327,412	$ 130,866
G51 Med Annual-Low Winter	$ 19,794	$ 39,046	$ 72,137	$ 41,196	$ 28,970	$ 11,577	$ 2,731	$ 574	$ -	$ 14	$ 440	$ 4,608	$ 221,087	$ 212,721	$ 8,366
G41 Med Annual-High Winter	$ 187,153	$ 369,186	$ 682,078	$ 389,520	$ 273,923	$ 109,468	$ 25,819	$ 5,426	$ -	$ 135	$ 4,157	$ 43,568	$ 2,090,433	$ 2,011,328	$ 79,105
G52 High Annual-Low Winter	$ 6,640	$ 13,099	$ 24,200	$ 13,820	$ 9,719	$ 3,884	$ 916	$ 193	$ -	$ 5	$ 147	$ 1,546	$ 74,168	$ 71,361	$ 2,807
G42 High Annual-High Winter	$ 50,784	$ 100,179	$ 185,083	$ 105,697	$ 74,330	$ 29,704	$ 7,006	$ 1,472	$ -	$ 37	$ 1,128	$ 11,822	$ 567,243	$ 545,778	$ 21,465
TOTAL	$ 1,178,155	$ 2,324,077	$ 4,293,772	$ 2,452,079	$ 1,724,385	$ 689,113	$ 162,531	$ 34,159	$ -	$ 851	$ 26,169	$ 274,267	$ 13,159,559	$ 12,661,582	$ 497,977
Residential	$ 591,778	$ 1,167,366	$ 2,156,728	$ 1,231,660	$ 866,145	$ 346,136	$ 81,638	$ 17,158	$ -	$ 427	$ 13,145	$ 137,762	$ 6,609,943	$ 6,359,813	$ 250,130
SALES HLF CLASSES	$ 38,825	$ 76,588	$ 141,498	$ 80,806	$ 56,826	$ 22,709	$ 5,356	$ 1,126	$ -	$ 28	$ 862	$ 9,038	$ 433,662	$ 417,251	$ 16,410
SALES LLF CLASSES	$ 547,552	$ 1,080,124	$ 1,995,547	$ 1,139,613	$ 801,415	$ 320,268	$ 75,537	$ 15,876	$ -	$ 395	$ 12,162	$ 127,467	$ 6,115,955	$ 5,884,518	$ 231,437

Off-SYSTEM PEAKING DEMAND & OUTAGE REPLACEMENT

	Nov-23	Dec-23	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Annual	Winter	SUMMER
NH DIVISION - OFF-SYSTEM PEAKING	$ 48,520	$ 92,119	$ 181,022	$ 98,876	$ 71,529	$ 30,229	$ -	$ -	$ -	$ -	$ -	$ -	$ 522,295	$ 522,295	$ -
Res Heat	$ 24,205	$ 45,955	$ 90,306	$ 49,326	$ 35,683	$ 15,080	$ -	$ -	$ -	$ -	$ -	$ -	$ 260,554	$ 260,554	$ -
Res General	$ 166	$ 316	$ 620	$ 339	$ 245	$ 104	$ -	$ -	$ -	$ -	$ -	$ -	$ 1,790	$ 1,790	$ -
G50 Low Annual-Low Winter	$ 510	$ 969	$ 1,904	$ 1,040	$ 752	$ 318	$ -	$ -	$ -	$ -	$ -	$ -	$ 5,493	$ 5,493	$ -
G40 Low Annual-High Winter	$ 12,751	$ 24,209	$ 47,572	$ 25,984	$ 18,798	$ 7,944	$ -	$ -	$ -	$ -	$ -	$ -	$ 137,257	$ 137,257	$ -
G51 Med Annual-Low Winter	$ 815	$ 1,548	$ 3,041	$ 1,661	$ 1,202	$ 508	$ -	$ -	$ -	$ -	$ -	$ -	$ 8,775	$ 8,775	$ -
G41 Med Annual-High Winter	$ 7,708	$ 14,633	$ 28,756	$ 15,707	$ 11,363	$ 4,802	$ -	$ -	$ -	$ -	$ -	$ -	$ 82,968	$ 82,968	$ -
G52 High Annual-Low Winter	$ 273	$ 519	$ 1,020	$ 557	$ 403	$ 170	$ -	$ -	$ -	$ -	$ -	$ -	$ 2,944	$ 2,944	$ -
G42 High Annual-High Winter	$ 2,091	$ 3,971	$ 7,803	$ 4,262	$ 3,083	$ 1,303	$ -	$ -	$ -	$ -	$ -	$ -	$ 22,514	$ 22,514	$ -
TOTAL	$ 48,520	$ 92,119	$ 181,022	$ 98,876	$ 71,529	$ 30,229	$ -	$ -	$ -	$ -	$ -	$ -	$ 522,295	$ 522,295	$ -
Residential	$ 24,371	$ 46,271	$ 90,926	$ 49,665	$ 35,928	$ 15,184	$ -	$ -	$ -	$ -	$ -	$ -	$ 262,345	$ 262,345	$ -
SALES HLF CLASSES	$ 1,765	$ 3,351	$ 6,586	$ 3,597	$ 2,602	$ 1,100	$ -	$ -	$ -	$ -	$ -	$ -	$ 19,002	$ 19,002	$ -
SALES LLF CLASSES	$ 46,755	$ 88,768	$ 174,436	$ 95,279	$ 68,927	$ 29,129	$ -	$ -	$ -	$ -	$ -	$ -	$ 503,293	$ 503,293	$ -

Remaining Capacity Costs

39		
40	Res Heat	Company Analysis
41	Res General	Company Analysis
42	G50 Low Annual-Low Winter	Company Analysis
43	G40 Low Annual-High Winter	Company Analysis
44	G51 Med Annual-Low Winter	Company Analysis
45	G41 Med Annual-High Winter	Company Analysis
46	G52 High Annual-Low Winter	Company Analysis
47	G42 High Annual-High Winter	Company Analysis
48	TOTAL	Sum LN 40 : LN 47
49		
50	**REMAINING PIPELINE DEMAND**	
51		
52	NH DIVISION TOTAL - REMAINING PIPELI	Attachment NUI-CAK-2, LN 70
53		
54	Res Heat	LN 40 Col D * LN 52
55	Res General	LN 41 Col D * LN 52
56	G50 Low Annual-Low Winter	LN 42 Col D * LN 52
57	G40 Low Annual-High Winter	LN 43 Col D * LN 52
58	G51 Med Annual-Low Winter	LN 44 Col D * LN 52
59	G41 Med Annual-High Winter	LN 45 Col D * LN 52
60	G52 High Annual-Low Winter	LN 46 Col D * LN 52
61	G42 High Annual-High Winter	LN 47 Col D * LN 52
62	TOTAL	Sum LN 54 : LN 61
63		
64	Residential	LN 54 + LN 55
65	SALES HLF CLASSES	LN 56 + LN 58 + LN 60
66	SALES LLF CLASSES	LN 57 + LN 59 + LN 61
67		
68	**STORAGE AND ON-SYSTEM PEAKING DE**	**EMAND**
69		
70	NH DIVISION TOTAL - PEAKING & STORA	Attachment NUI-CAK-2, LN 73
71		
72	Res Heat	LN 40 Col D * LN 70
73	Res General	LN 41 Col D * LN 70
74	G50 Low Annual-Low Winter	LN 42 Col D * LN 70
75	G40 Low Annual-High Winter	LN 43 Col D * LN 70
76	G51 Med Annual-Low Winter	LN 44 Col D * LN 70
77	G41 Med Annual-High Winter	LN 45 Col D * LN 70
78	G52 High Annual-Low Winter	LN 46 Col D * LN 70
79	G42 High Annual-High Winter	LN 47 Col D * LN 70
80	TOTAL	Sum LN 72 : LN 79
81		
82	Residential	LN 72 + LN 73
83	SALES HLF CLASSES	LN 74 + LN 76 + LN 78
84	SALES LLF CLASSES	LN 75 + LN 77 + LN 79
85		
86	**Off-SYSTEM PEAKING DEMAND & OUTA**	
87		
88	NH DIVISION - OFF-SYSTEM PEAKING	Attachment NUI-CAK-2, LN 74
89		
90	Res Heat	LN 40 Col D * LN 88
91	Res General	LN 41 Col D * LN 88
92	G50 Low Annual-Low Winter	LN 42 Col D * LN 88
93	G40 Low Annual-High Winter	LN 43 Col D * LN 88
94	G51 Med Annual-Low Winter	LN 44 Col D * LN 88
95	G41 Med Annual-High Winter	LN 45 Col D * LN 88
96	G52 High Annual-Low Winter	LN 46 Col D * LN 88
97	G42 High Annual-High Winter	LN 47 Col D * LN 88
98	TOTAL	Sum LN 90 : LN 97
99		
100	Residential	LN 90 + LN 91
101	SALES HLF CLASSES	LN 92 + LN 94 + LN 96
102	SALES LLF CLASSES	LN 93 + LN 95 + LN 97
103		
104		

CAPACITY RELEASE MARGINS & ASSET MANAGEMENT CREDIT BY CLASS

	Nov-23	Dec-23	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Annual	Winter	SUMMER
NH DIVISION - MONTHLY CAP. RELEASE	$ (986,966)	$ (1,883,755)	$ (3,425,222)	$ (1,983,928)	$ (1,414,441)	$ (604,246)	$ -	$ -	$ -	$ -	$ -	$ -	$ (10,298,558)	$ (10,298,558)	$ -
Res Heat	$ (492,363)	$ (939,739)	$ (1,708,722)	$ (989,712)	$ (705,615)	$ (301,437)	$ -	$ -	$ -	$ -	$ -	$ -	$ (5,137,587)	$ (5,137,587)	$ -
Res General	$ (3,383)	$ (6,456)	$ (11,740)	$ (6,800)	$ (4,848)	$ (2,071)	$ -	$ -	$ -	$ -	$ -	$ -	$ (35,297)	$ (35,297)	$ -
G50 Low Annual-Low Winter	$ (10,381)	$ (19,813)	$ (36,025)	$ (20,866)	$ (14,877)	$ (6,355)	$ -	$ -	$ -	$ -	$ -	$ -	$ (108,316)	$ (108,316)	$ -
G40 Low Annual-High Winter	$ (259,371)	$ (495,043)	$ (900,134)	$ (521,368)	$ (371,709)	$ (158,793)	$ -	$ -	$ -	$ -	$ -	$ -	$ (2,706,419)	$ (2,706,419)	$ -
G51 Med Annual-Low Winter	$ (16,582)	$ (31,648)	$ (57,545)	$ (33,331)	$ (23,763)	$ (10,152)	$ -	$ -	$ -	$ -	$ -	$ -	$ (173,021)	$ (173,021)	$ -
G41 Med Annual-High Winter	$ (156,782)	$ (299,240)	$ (544,106)	$ (315,152)	$ (224,688)	$ (95,986)	$ -	$ -	$ -	$ -	$ -	$ -	$ (1,635,955)	$ (1,635,955)	$ -
G52 High Annual-Low Winter	$ (5,563)	$ (10,617)	$ (19,305)	$ (11,182)	$ (7,972)	$ (3,406)	$ -	$ -	$ -	$ -	$ -	$ -	$ (58,043)	$ (58,043)	$ -
G42 High Annual-High Winter	$ (42,543)	$ (81,199)	$ (147,644)	$ (85,517)	$ (60,970)	$ (26,046)	$ -	$ -	$ -	$ -	$ -	$ -	$ (443,920)	$ (443,920)	$ -
TOTAL	$ (986,966)	$ (1,883,755)	$ (3,425,222)	$ (1,983,928)	$ (1,414,441)	$ (604,246)	$ -	$ -	$ -	$ -	$ -	$ -	$ (10,298,558)	$ (10,298,558)	$ -
Residential	$ (495,745)	$ (946,195)	$ (1,720,462)	$ (996,511)	$ (710,463)	$ (303,508)	$ -	$ -	$ -	$ -	$ -	$ -	$ (5,172,884)	$ (5,172,884)	$ -
SALES HLF CLASSES	$ (32,525)	$ (62,077)	$ (112,875)	$ (65,379)	$ (46,612)	$ (19,912)	$ -	$ -	$ -	$ -	$ -	$ -	$ (339,380)	$ (339,380)	$ -
SALES LLF CLASSES	$ (458,696)	$ (875,482)	$ (1,591,885)	$ (922,038)	$ (657,367)	$ (280,826)	$ -	$ -	$ -	$ -	$ -	$ -	$ (4,786,294)	$ (4,786,294)	$ -

MISCELLANEOUS CREDITS BY CLASS (Includes Re-entry Rate & Conversion Rate Revenues)

	Nov-23	Dec-23	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Annual	Winter	SUMMER
NH DIVISION - MISCELLANEOUS CREDIT	$ (2,396)	$ (4,573)	$ (8,315)	$ (4,816)	$ (3,434)	$ (1,467)	$ -	$ -	$ -	$ -	$ -	$ -	$ (25,000)	$ (25,000)	$ -
Res Heat	$ (1,195)	$ (2,281)	$ (4,148)	$ (2,403)	$ (1,713)	$ (732)	$ -	$ -	$ -	$ -	$ -	$ -	$ (12,472)	$ (12,472)	$ -
Res General	$ (8)	$ (16)	$ (28)	$ (17)	$ (12)	$ (5)	$ -	$ -	$ -	$ -	$ -	$ -	$ (86)	$ (86)	$ -
G50 Low Annual-Low Winter	$ (25)	$ (48)	$ (87)	$ (51)	$ (36)	$ (15)	$ -	$ -	$ -	$ -	$ -	$ -	$ (263)	$ (263)	$ -
G40 Low Annual-High Winter	$ (630)	$ (1,202)	$ (2,185)	$ (1,266)	$ (902)	$ (385)	$ -	$ -	$ -	$ -	$ -	$ -	$ (6,570)	$ (6,570)	$ -
G51 Med Annual-Low Winter	$ (40)	$ (77)	$ (140)	$ (81)	$ (58)	$ (25)	$ -	$ -	$ -	$ -	$ -	$ -	$ (420)	$ (420)	$ -
G41 Med Annual-High Winter	$ (381)	$ (726)	$ (1,321)	$ (765)	$ (545)	$ (233)	$ -	$ -	$ -	$ -	$ -	$ -	$ (3,971)	$ (3,971)	$ -
G52 High Annual-Low Winter	$ (14)	$ (26)	$ (47)	$ (27)	$ (19)	$ (8)	$ -	$ -	$ -	$ -	$ -	$ -	$ (141)	$ (141)	$ -
G42 High Annual-High Winter	$ (103)	$ (197)	$ (358)	$ (208)	$ (148)	$ (63)	$ -	$ -	$ -	$ -	$ -	$ -	$ (1,078)	$ (1,078)	$ -
TOTAL	$ (2,396)	$ (4,573)	$ (8,315)	$ (4,816)	$ (3,434)	$ (1,467)	$ -	$ -	$ -	$ -	$ -	$ -	$ (25,000)	$ (25,000)	$ -
Residential	$ (1,203)	$ (2,297)	$ (4,176)	$ (2,419)	$ (1,725)	$ (737)	$ -	$ -	$ -	$ -	$ -	$ -	$ (12,557)	$ (12,557)	$ -
SALES HLF CLASSES	$ (87)	$ (166)	$ (303)	$ (175)	$ (125)	$ (53)	$ -	$ -	$ -	$ -	$ -	$ -	$ (910)	$ (910)	$ -
SALES LLF CLASSES	$ (2,309)	$ (4,406)	$ (8,012)	$ (4,641)	$ (3,309)	$ (1,413)	$ -	$ -	$ -	$ -	$ -	$ -	$ (24,090)	$ (24,090)	$ -

TOTAL NON-BASE CAPACITY COSTS

	Nov-23	Dec-23	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Annual	Winter	SUMMER
Res Heat	$ 283,417	$ 588,879	$ 1,120,896	$ 623,941	$ 430,133	$ 153,213	$ 103,848	$ 21,826	$ -	$ 543	$ 16,721	$ 175,240	$ 3,518,656	$ 3,200,479	$ 318,177
Res General	$ 1,947	$ 4,046	$ 7,701	$ 4,287	$ 2,955	$ 1,053	$ 713	$ 150	$ -	$ 4	$ 115	$ 1,204	$ 24,174	$ 21,988	$ 2,186
G50 Low Annual-Low Winter	$ 5,975	$ 12,415	$ 23,632	$ 13,155	$ 9,069	$ 3,230	$ 2,189	$ 460	$ -	$ 11	$ 353	$ 3,695	$ 74,184	$ 67,476	$ 6,708
G40 Low Annual-High Winter	$ 149,301	$ 310,215	$ 590,474	$ 328,685	$ 226,589	$ 80,711	$ 54,706	$ 11,497	$ -	$ 286	$ 8,808	$ 92,314	$ 1,853,586	$ 1,685,974	$ 167,612
G51 Med Annual-Low Winter	$ 9,545	$ 19,832	$ 37,749	$ 21,013	$ 14,486	$ 5,160	$ 3,497	$ 735	$ -	$ 18	$ 563	$ 5,902	$ 118,499	$ 107,784	$ 10,715
G41 Med Annual-High Winter	$ 90,248	$ 187,516	$ 356,925	$ 198,681	$ 136,967	$ 48,787	$ 33,068	$ 6,950	$ -	$ 173	$ 5,324	$ 55,801	$ 1,120,441	$ 1,019,124	$ 101,317
G52 High Annual-Low Winter	$ 3,202	$ 6,653	$ 12,664	$ 7,049	$ 4,860	$ 1,731	$ 1,173	$ 247	$ -	$ 6	$ 189	$ 1,980	$ 39,753	$ 36,158	$ 3,595
G42 High Annual-High Winter	$ 24,489	$ 50,883	$ 96,852	$ 53,912	$ 37,166	$ 13,239	$ 8,973	$ 1,886	$ -	$ 47	$ 1,445	$ 15,142	$ 304,034	$ 276,541	$ 27,492
TOTAL	$ 568,123	$ 1,180,439	$ 2,246,893	$ 1,250,722	$ 862,224	$ 307,123	$ 208,168	$ 43,750	$ -	$ 1,089	$ 33,517	$ 351,277	$ 7,053,328	$ 6,415,525	$ 637,802
Residential	$ 285,364	$ 592,925	$ 1,128,597	$ 628,228	$ 433,088	$ 154,265	$ 104,561	$ 21,976	$ -	$ 547	$ 16,835	$ 176,444	$ 3,542,831	$ 3,222,468	$ 320,363
SALES HLF CLASSES	$ 18,722	$ 38,900	$ 74,044	$ 41,216	$ 28,414	$ 10,121	$ 6,860	$ 1,442	$ -	$ 36	$ 1,105	$ 11,576	$ 232,436	$ 211,418	$ 21,018
SALES LLF CLASSES	$ 264,038	$ 548,613	$ 1,044,252	$ 581,278	$ 400,722	$ 142,736	$ 96,747	$ 20,333	$ -	$ 506	$ 15,577	$ 163,257	$ 3,278,061	$ 2,981,640	$ 296,421

TOTAL CAPACITY COSTS

	Nov-23	Dec-23	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Annual	Winter	SUMMER
Res Heat	$ 333,905	$ 639,367	$ 1,171,384	$ 674,429	$ 480,621	$ 204,109	$ 154,336	$ 72,314	$ 50,488	$ 51,032	$ 67,209	$ 225,728	$ 4,124,921	$ 3,503,816	$ 621,106
Res General	$ 3,401	$ 5,499	$ 9,155	$ 5,740	$ 4,409	$ 2,518	$ 2,167	$ 1,604	$ 1,454	$ 1,457	$ 1,568	$ 2,658	$ 41,629	$ 30,722	$ 10,908
G50 Low Annual-Low Winter	$ 17,609	$ 24,049	$ 35,266	$ 24,788	$ 20,702	$ 14,958	$ 13,823	$ 12,094	$ 11,634	$ 11,645	$ 11,986	$ 15,328	$ 213,883	$ 137,372	$ 76,510
G40 Low Annual-High Winter	$ 171,432	$ 332,346	$ 612,606	$ 350,816	$ 248,721	$ 103,021	$ 76,837	$ 33,629	$ 22,132	$ 22,418	$ 30,940	$ 114,446	$ 2,119,344	$ 1,818,943	$ 300,402
G51 Med Annual-Low Winter	$ 26,168	$ 36,456	$ 54,373	$ 37,636	$ 31,109	$ 21,918	$ 20,121	$ 17,359	$ 16,624	$ 16,642	$ 17,187	$ 22,525	$ 318,118	$ 207,661	$ 110,458
G41 Med Annual-High Winter	$ 108,397	$ 205,665	$ 375,075	$ 216,830	$ 155,116	$ 67,083	$ 51,217	$ 25,099	$ 18,149	$ 18,322	$ 23,474	$ 73,951	$ 1,338,379	$ 1,128,167	$ 210,213
G52 High Annual-Low Winter	$ 10,654	$ 14,105	$ 20,116	$ 14,501	$ 12,312	$ 8,149	$ 8,625	$ 7,699	$ 7,452	$ 7,458	$ 7,641	$ 9,432	$ 128,146	$ 79,838	$ 48,308
G42 High Annual-High Winter	$ 31,917	$ 58,310	$ 104,280	$ 61,340	$ 44,594	$ 20,726	$ 16,401	$ 9,313	$ 7,428	$ 7,474	$ 8,872	$ 22,569	$ 393,224	$ 321,167	$ 72,058
TOTAL	$ 703,483	$ 1,315,799	$ 2,382,253	$ 1,386,082	$ 997,584	$ 442,483	$ 343,528	$ 179,110	$ 135,360	$ 136,449	$ 168,877	$ 486,637	$ 8,677,645	$ 7,227,684	$ 1,449,961
Residential	$ 337,306	$ 644,867	$ 1,180,538	$ 680,170	$ 485,030	$ 206,627	$ 156,503	$ 73,917	$ 51,942	$ 52,489	$ 68,777	$ 228,386	$ 4,166,551	$ 3,534,538	$ 632,013
SALES HLF CLASSES	$ 54,432	$ 74,610	$ 109,754	$ 76,926	$ 64,124	$ 45,025	$ 42,570	$ 37,151	$ 35,710	$ 35,746	$ 36,814	$ 47,286	$ 660,147	$ 424,870	$ 235,276
SALES LLF CLASSES	$ 311,746	$ 596,322	$ 1,091,961	$ 628,986	$ 448,430	$ 190,831	$ 144,455	$ 68,042	$ 47,708	$ 48,215	$ 63,286	$ 210,966	$ 3,850,948	$ 3,268,276	$ 582,672
% ALLOCATION BETWEEN SALES HLF AND LLF															
SALES HLF CLASSES														11.50%	28.76%
SALES LLF CLASSES														88.50%	71.24%

CAPACITY RELEASE MARGINS & ASSET MANAGEMENT CREDIT BY CLASS

NH DIVISION - MONTHLY CAP. RELEASE	Attachment NUI-CAK-2, LN 77
Res Heat	LN 40 Col D * LN 107
Res General	LN 41 Col D * LN 107
G50 Low Annual-Low Winter	LN 42 Col D * LN 107
G40 Low Annual-High Winter	LN 43 Col D * LN 107
G51 Med Annual-Low Winter	LN 44 Col D * LN 107
G41 Med Annual-High Winter	LN 45 Col D * LN 107
G52 High Annual-Low Winter	LN 46 Col D * LN 107
G42 High Annual-High Winter	LN 47 Col D * LN 107
TOTAL	Sum LN 109 : LN 116
Residential	LN 109 + LN 110
SALES HLF CLASSES	LN 111 + LN 113 + LN 115
SALES LLF CLASSES	LN 112 + LN 114 + LN 116

MISCELLANEOUS CREDITS BY CLASS (Includes Re-entry Rate & Conversion Ra

NH DIVISION - MISCELLANEOUS CREDIT	Attachment NUI-CAK-2, LN 78 + LN 79
Res Heat	LN 40 Col D * LN 125
Res General	LN 41 Col D * LN 125
G50 Low Annual-Low Winter	LN 42 Col D * LN 125
G40 Low Annual-High Winter	LN 43 Col D * LN 125
G51 Med Annual-Low Winter	LN 44 Col D * LN 125
G41 Med Annual-High Winter	LN 45 Col D * LN 125
G52 High Annual-Low Winter	LN 46 Col D * LN 125
G42 High Annual-High Winter	LN 47 Col D * LN 125
TOTAL	Sum LN 127 : LN 134
Residential	LN 127 + LN 128
SALES HLF CLASSES	LN 129 + LN 131 + LN 133
SALES LLF CLASSES	LN 130 + LN 132 + LN 134

TOTAL NON-BASE CAPACITY COSTS

Res Heat	Sum of Ln 54, 72, 90, 109, 127
Res General	Sum of Ln 55, 73, 91, 110, 128
G50 Low Annual-Low Winter	Sum of Ln 56, 74, 92, 111, 129
G40 Low Annual-High Winter	Sum of Ln 57, 75, 93, 112, 130
G51 Med Annual-Low Winter	Sum of Ln 58, 76, 94, 113, 131
G41 Med Annual-High Winter	Sum of Ln 59, 77, 95, 114, 132
G52 High Annual-Low Winter	Sum of Ln 60, 78, 96, 115, 133
G42 High Annual-High Winter	Sum of Ln 61, 79, 97, 116, 134
TOTAL	Sum LN 143 : LN 150
Residential	LN 143 + LN 144
SALES HLF CLASSES	LN 145 + LN 147 + LN 149
SALES LLF CLASSES	LN 146 + LN 148 + LN 150

TOTAL CAPACITY COSTS

Res Heat	LN 143 + LN 26
Res General	LN 144 + LN 27
G50 Low Annual-Low Winter	LN 145 + LN 28
G40 Low Annual-High Winter	LN 146 + LN 29
G51 Med Annual-Low Winter	LN 147 + LN 30
G41 Med Annual-High Winter	LN 148 + LN 31
G52 High Annual-Low Winter	LN 149 + LN 32
G42 High Annual-High Winter	LN 150 + LN 33
TOTAL	Sum LN 159 : LN 166
Residential	LN 159 + LN 160
SALES HLF CLASSES	LN 161 + LN 163 + LN 165
SALES LLF CLASSES	LN 162 + LN 164 + LN 166
% ALLOCATION BETWEEN SALES HLF AI	
SALES HLF CLASSES	LN 170 / (LN170 + LN 171)
SALES LLF CLASSES	LN 171 / (LN 170 + LN 171)

Northern Utilities
ALLOCATION OF COMMODITY COSTS BETWEEN ME & NH DIVISIONS

		Nov-23	Dec-23	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Annual	Winter	Summer
1	**Supply Volumes - MMBtu**															
2	Total Pipeline	1,206,814	776,970	723,894	677,191	568,894	968,631	507,876	343,509	319,203	322,747	347,012	593,569	7,356,309	4,922,393	2,433,916
3	Total Storage	0	836,527	981,647	930,169	868,704	0	0	0	0	0	0	0	3,617,047	3,617,047	0
4	Total Peaking	1,800	89,272	276,119	132,373	94,387	1,800	1,860	1,800	1,860	1,860	1,800	1,860	606,791	595,751	11,040
5	Total Off-system Sales													0	0	
6	Subtotal	1,208,614	1,702,769	1,981,660	1,739,732	1,531,985	970,431	509,736	345,309	321,063	324,607	348,812	595,429	11,580,147	9,135,191	2,444,956
7	Less Interruptible - Maine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	Less Interruptible - New Hampshire	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total Firm Supply	1,208,614	1,702,769	1,981,660	1,739,732	1,531,985	970,431	509,736	345,309	321,063	324,607	348,812	595,429	11,580,147	9,135,191	2,444,956
10	Total Firm Pipeline Sendout	1,206,814	776,970	723,894	677,191	568,894	968,631	507,876	343,509	319,203	322,747	347,012	593,569	7,356,309	4,922,393	2,433,916
11	**Variable Costs**															
12	Base Pipeline Costs Modeled in Sendout™	$ 3,259,675	$ 3,439,438	$ 4,470,111	$ 4,053,327	$ 2,102,517	$ 2,625,100	$ 1,245,374	$ 829,905	$ 784,411	$ 800,585	$ 791,384	$ 1,490,203	$ 25,892,031	$ 19,950,169	$ 5,941,862
13	NYMEX Price Used for Forecast	$2.991	$3.453	$3.706	$3.634	$3.328	$3.052	$3.051	$3.161	$3.279	$3.320	$3.302	$3.395			
14	NYMEX Price Used for Update	$2.991	$3.453	$3.706	$3.634	$3.328	$3.052	$3.051	$3.161	$3.279	$3.320	$3.302	$3.395			
15	Increase/(Decrease) NYMEX Price	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00			
16	Increase/(Decrease) in Pipeline Costs	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -		$ -	
17	Total Updated Pipeline Costs	$ 3,259,675	$ 3,439,438	$ 4,470,111	$ 4,053,327	$ 2,102,517	$ 2,625,100	$ 1,245,374	$ 829,905	$ 784,411	$ 800,585	$ 791,384	$ 1,490,203	$ 25,892,031	$ 19,950,169	$ 5,941,862
18															$ -	
19	Total Pipeline	$ 3,259,675	$ 3,439,438	$ 4,470,111	$ 4,053,327	$ 2,102,517	$ 2,625,100	$ 1,245,374	$ 829,905	$ 784,411	$ 800,585	$ 791,384	$ 1,490,203	$ 25,892,031	$ 19,950,169	$ 5,941,862
20	Total Storage	$ -	$ 2,195,510	$ 2,542,469	$ 2,408,310	$ 2,243,734	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 9,390,022	$ 9,390,022	$ -
21	Total Peaking	$ 67,102	$ 2,674,984	$ 8,217,129	$ 3,974,344	$ 2,814,196	$ 37,137	$ 30,158	$ 26,565	$ 25,062	$ 25,062	$ 20,311	$ 19,669	$ 17,931,719	$ 17,784,892	$ 146,827
22	Total Off-sytem Sales	$ -				$ -								$ -	$ -	
23																
24	Subtotal	$ 3,326,777	$ 8,309,932	$ 15,229,709	$ 10,435,981	$ 7,160,447	$ 2,662,237	$ 1,275,532	$ 856,470	$ 809,473	$ 825,647	$ 811,695	$ 1,509,872	$ 53,213,772	$ 47,125,083	$ 6,088,689
25																
26	Interruptible Cost Estimate															
27	Variable Pipeline Costs	$ 3,259,675	$ 3,439,438	$ 4,470,111	$ 4,053,327	$ 2,102,517	$ 2,625,100	$ 1,245,374	$ 829,905	$ 784,411	$ 800,585	$ 791,384	$ 1,490,203	$ 25,892,031	$ 19,950,169	$ 5,941,862
28	Average Supply Cost ($/MMBtu)	$ 2.701	$ 4.427	$ 6.175	$ 5.986	$ 3.696	$ 2.710	$ 2.452	$ 2.416	$ 2.457	$ 2.481	$ 2.281	$ 2.511			
29	Interruptible Cost - Maine	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
30	Interruptible Cost - New Hampshire	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
31																
32	Total Pipeline	$ 3,259,675	$ 3,439,438	$ 4,470,111	$ 4,053,327	$ 2,102,517	$ 2,625,100	$ 1,245,374	$ 829,905	$ 784,411	$ 800,585	$ 791,384	$ 1,490,203	$ 25,892,031	$ 19,950,169	$ 5,941,862
33	Total Storage	$ -	$ 2,195,510	$ 2,542,469	$ 2,408,310	$ 2,243,734	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 9,390,022	$ 9,390,022	$ -
34	Total Peaking	$ 67,102	$ 2,674,984	$ 8,217,129	$ 3,974,344	$ 2,814,196	$ 37,137	$ 30,158	$ 26,565	$ 25,062	$ 25,062	$ 20,311	$ 19,669	$ 17,931,719	$ 17,784,892	$ 146,827
35	Off-system Sales	$ -	$ -	$ -	$ -	$ -	$ -							$ -	$ -	
36	Total Firm Sales Variable Costs	$ 3,326,777	$ 8,309,932	$ 15,229,709	$ 10,435,981	$ 7,160,447	$ 2,662,237	$ 1,275,532	$ 856,470	$ 809,473	$ 825,647	$ 811,695	$ 1,509,872	$ 53,213,772	$ 47,125,083	$ 6,088,689

Northern Utilities
ALLOCATION OF COMMODITY COSTS BETWEEN ME & NH DIVISIONS

1	**Supply Volumes - MMBtu**	
2	Total Pipeline	Attachment NUI-FXW-8, Page 2
3	Total Storage	Attachment NUI-FXW-8, Page 2
4	Total Peaking	Attachment NUI-FXW-8, Page 2
5	Total Off-system Sales	NA
6	Subtotal	SUM LN 2: LN 6
7	Less Interruptible - Maine	Company Analysis
8	Less Interruptible - New Hampshire	Company Analysis
9	Total Firm Supply	LN 7 - LN 8 - LN 9
10	Total Firm Pipeline Sendout	LN 2 + LN 3- LN 8 - LN 9
11	**Variable Costs**	
12	Pipeline Costs Modeled in Sendout™	Attachment NUI-FXW-8, Page 1
13	NYMEX Price Used for Forecast	Attachment NUI-FXW10, Page 1
14	NYMEX Price Used for Update	Attachment NUI-FXW10, Page 1
15	Increase/(Decrease) NYMEX Price	LN 13 - LN 14
16	Increase/(Decrease) in Pipeline Costs	LN 2 * LN 15
17	Total Updated Pipeline Costs	LN 12 + LN 16
18		
19	Total Pipeline Baseload	LN 17
20	Total Storage	Attachment NUI-FXW-8, Page 1
21	Total Peaking	Attachment NUI-FXW-8, Page 1
22	Total Off-sytem Sales	NA
23		
24	Subtotal	Sum LN 19 : LN 22
25		
26	Interruptible Cost Estimate	Company Analysis
27	Variable Pipeline Costs Excld Hedges	LN 17
28	Average Supply Cost ($/MMBtu)	LN 27 / LN 2
29	Interruptible Cost - Maine	LN 28 * LN 7
30	Interruptible Cost - New Hampshire	LN 28 * LN 8
31		
32	Firm Sales Pipeline Commodity	LN 19 - LN 29 - LN 30
33	Total Storage	LN 20
34	Total Peaking	LN 21
35	Off-system Sales	LN 22
36	Total Firm Sales Variable Costs	SUM LN 32 : LN 35

Northern Utilities
ALLOCATION OF COMMODITY COSTS BETWEEN ME & NH DIVISIONS

Commodity Allocation Factors
Firm Sales Sendout for Normal Winter, MMBtu

	Nov-23	Dec-23	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Annual	Winter	Summer
Maine	772,527	1,064,869	1,238,946	1,094,536	983,978	657,183	356,530	246,165	236,350	238,959	253,261	403,142	7,546,445	5,812,037	1,734,408
New Hampshire	436,087	637,900	742,714	645,196	548,007	313,248	153,206	99,144	84,713	85,648	95,551	192,287	4,033,701	3,323,152	710,549
Total	1,208,614	1,702,769	1,981,660	1,739,732	1,531,985	970,431	509,736	345,309	321,063	324,607	348,812	595,429	11,580,146	9,135,189	2,444,957
Percentage of Total															
Maine	63.92%	62.54%	62.52%	62.91%	64.23%	67.72%	69.94%	71.29%	73.61%	73.61%	72.61%	67.71%	65.17%	63.62%	70.94%
New Hampshire	36.08%	37.46%	37.48%	37.09%	35.77%	32.28%	30.06%	28.71%	26.39%	26.39%	27.39%	32.29%	34.83%	36.38%	29.06%
Total	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
Commodity Allocation by Jurisdiction															
Maine															
Total Pipeline	$ 2,083,533	$ 2,150,938	$ 2,794,741	$ 2,550,112	$ 1,350,425	$ 1,777,736	$ 871,065	$ 591,626	$ 577,443	$ 589,350	$ 574,598	$ 1,008,959	$ 16,920,525	$ 12,707,485	$ 4,213,040
Storage	$ -	$ 1,373,016	$ 1,589,567	$ 1,515,165	$ 1,441,127	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 5,918,875	$ 5,918,875	$ -
Peaking	$ 42,891	$ 1,672,868	$ 5,137,399	$ 2,500,421	$ 1,807,528	$ 25,150	$ 21,094	$ 18,938	$ 18,449	$ 18,449	$ 14,747	$ 13,317	$ 11,291,251	$ 11,186,256	$ 104,994
Off-system Sales	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Total Maine Commodity Costs	$ 2,126,424	$ 5,196,822	$ 9,521,707	$ 6,565,698	$ 4,599,080	$ 1,802,886	$ 892,159	$ 610,563	$ 595,892	$ 607,799	$ 589,345	$ 1,022,276	$ 34,130,651	$ 29,812,616	$ 4,318,035
Maine Inventory Finance Costs	$ 2,144	$ 3,270	$ 3,958	$ 3,448	$ 2,950	$ 1,689	$ -	$ -	$ -	$ -	$ -	$ -	$ 17,458	$ 17,458	$ -
Total Maine Variable Costs	$ 2,128,568	$ 5,200,092	$ 9,525,664	$ 6,569,146	$ 4,602,030	$ 1,804,574	$ 892,159	$ 610,563	$ 595,892	$ 607,799	$ 589,345	$ 1,022,276	$ 34,148,109	$ 29,830,074	$ 4,318,035
New Hampshire															
Total Pipeline	$ 1,176,142	$ 1,288,500	$ 1,675,371	$ 1,503,215	$ 752,092	$ 847,363	$ 374,309	$ 238,280	$ 206,968	$ 211,235	$ 216,786	$ 481,244	$ 8,971,505	$ 7,242,684	$ 1,728,822
Storage	$ -	$ 822,493	$ 952,902	$ 893,145	$ 802,607	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 3,471,147	$ 3,471,147	$ -
Peaking	$ 24,212	$ 1,002,116	$ 3,079,730	$ 1,473,923	$ 1,006,667	$ 11,988	$ 9,064	$ 7,627	$ 6,613	$ 6,613	$ 5,564	$ 6,352	$ 6,640,469	$ 6,598,636	$ 41,833
Off-system Sales	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Total New Hampshire Commodity Costs	$ 1,200,354	$ 3,113,110	$ 5,708,003	$ 3,870,283	$ 2,561,367	$ 859,351	$ 383,373	$ 245,907	$ 213,580	$ 217,848	$ 222,350	$ 487,595	$ 19,083,121	$ 17,312,467	$ 1,770,654
New Hampshire Inventory Finance Costs	$ 1,082	$ 1,691	$ 2,012	$ 1,730	$ 1,416	$ 708	$ -	$ -	$ -	$ -	$ -	$ -	$ 8,639	$ 8,639	$ -
Total New Hampshire Variable Costs	$ 1,201,436	$ 3,114,801	$ 5,710,015	$ 3,872,013	$ 2,562,783	$ 860,059	$ 383,373	$ 245,907	$ 213,580	$ 217,848	$ 222,350	$ 487,595	$ 19,091,760	$ 17,321,106	$ 1,770,654
Northern Utilities															
Total Pipeline	$ 3,259,675	$ 3,439,438	$ 4,470,111	$ 4,053,327	$ 2,102,517	$ 2,625,100	$ 1,245,374	$ 829,905	$ 784,411	$ 800,585	$ 791,384	$ 1,490,203	$ 25,892,031	$ 19,950,169	$ 5,941,862
Storage	$ -	$ 2,195,510	$ 2,542,469	$ 2,408,310	$ 2,243,734	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 9,390,022	$ 9,390,022	$ -
Peaking	$ 67,102	$ 2,674,984	$ 8,217,129	$ 3,974,344	$ 2,814,196	$ 37,137	$ 30,158	$ 26,565	$ 25,062	$ 25,062	$ 20,311	$ 19,669	$ 17,931,719	$ 17,784,892	$ 146,827
Off-system Sales	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Total Northern Commodity Costs	$ 3,326,777	$ 8,309,932	$ 15,229,709	$ 10,435,981	$ 7,160,447	$ 2,662,237	$ 1,275,532	$ 856,470	$ 809,473	$ 825,647	$ 811,695	$ 1,509,872	$ 53,213,772	$ 47,125,083	$ 6,088,689
Northern Inventory Finance Costs	$ 3,227	$ 4,961	$ 5,970	$ 5,178	$ 4,366	$ 2,397	$ -	$ -	$ -	$ -	$ -	$ -	$ 26,097	$ 26,097	$ -
Total Northern Variable Costs	$ 3,330,004	$ 8,314,893	$ 15,235,679	$ 10,441,159	$ 7,164,813	$ 2,664,633	$ 1,275,532	$ 856,470	$ 809,473	$ 825,647	$ 811,695	$ 1,509,872	$ 53,239,869	$ 47,151,181	$ 6,088,689

Northern Utilities
ALLOCATION OF COMMODITY COSTS BETWEEN ME & NH DIVISIONS

37	**Commodity Allocation Factors**	
38	Firm Sales Sendout for Normal Winter, MMBtu	
39		
40	Maine	Company Analysis
41	New Hampshire	NUI-CAK-3, LN 33/10
42	Total	LN 40 + LN 41
43		
44	**Percentage of Total**	
45	Maine	LN 40 / LN 42
46	New Hampshire	LN 41 / LN 42
47	Total	LN 45 + LN 46
48		
49	**Commodity Allocation by Jurisdiction**	
50	**Maine**	
51	Firm Sales Pipeline Commodity	LN 32 * LN 45
52	Storage	LN 33 * LN 45
53	Peaking	LN 34 * LN 45
54	Off-system Sales	LN 35 * LN 45
55	Total Maine Commodity Costs	SUM LN 51 : LN 54
56	Maine Inventory Finance Costs	LN 95
57	Total Maine Variable Costs	LN 55 + LN 56
58	**New Hampshire**	
59	Firm Sales Pipeline Commodity Excld Hedge	LN 32 * LN 46
60	Storage	LN 33 * LN 46
61	Peaking	LN 34 * LN 46
62	Off-system Sales	LN 35 * LN 46
63	Total New Hampshire Commodity Costs	SUM LN 59 : LN 62
64	New Hampshire Inventory Finance Costs	LN 100
65	Total New Hampshire Variable Costs	LN 63 + LN 64
66	**Northern Utilities**	
67	Firm Sales Pipeline Commodity Excld Hedge	LN 51 + LN 59
68	Storage	LN 52 + LN 60
69	Peaking	LN 53 + LN 61
70	Off-system Sales	LN 54 + LN 62
71	Total Northern Commodity Costs	LN 55 + LN 63
72	Northern Inventory Finance Costs	LN 56 + LN 64
73	Total Northern Variable Costs	LN 57 + LN 65
74		

Northern Utilities
ALLOCATION OF COMMODITY COSTS BETWEEN ME & NH DIVISIONS

Northern Utilities
Simplified Market Based Allocator (MBA) Calculations
ALLOCATION OF NORTHERN INVENTORY FINANCE CHARGE

Col A	Col B	Col C	Col D	Col E	Col F	Col G	Col H	Col I	Col J	Col K	Col L	Col M	Col N	Col O	Col P
Inventory Finance Charge	**Nov-23**	**Dec-23**	**Jan-24**	**Feb-24**	**Mar-24**	**Apr-24**	**May-24**	**Jun-24**	**Jul-24**	**Aug-24**	**Sep-24**	**Oct-24**	**Annual**	**Winter**	**Summer**
Storage	$ 1,711	$ 1,659	$ 1,332	$ 801	$ 272	$ (0)	$ 226	$ 678	$ 1,121	$ 1,339	$ 1,529	$ 1,912	$ 12,581		$ 6,806
Peaking	$ 2,186	$ 1,893	$ 1,575	$ 1,267	$ 1,116	$ 1,028	$ 918	$ 853	$ 777	$ 684	$ 624	$ 596	$ 13,516		$ 4,451
Total	$ 3,897	$ 3,552	$ 2,907	$ 2,069	$ 1,388	$ 1,028	$ 1,144	$ 1,531	$ 1,898	$ 2,023	$ 2,153	$ 2,508	$ 26,097		$ 11,257
Inventory Finance Charge Allocation by Jurisdiction															
Maine	$ 2,491	$ 2,221	$ 1,818	$ 1,301	$ 892	$ 696	$ 800	$ 1,091	$ 1,398	$ 1,489	$ 1,563	$ 1,698	$ 17,458		$ 8,039
New Hampshire	$ 1,406	$ 1,331	$ 1,090	$ 767	$ 497	$ 332	$ 344	$ 439	$ 501	$ 534	$ 590	$ 810	$ 8,639		$ 3,218
Total	$ 3,897	$ 3,552	$ 2,907	$ 2,069	$ 1,388	$ 1,028	$ 1,144	$ 1,531	$ 1,898	$ 2,023	$ 2,153	$ 2,508	$ 26,097		$ 11,257
Inventory Finance Charge Allocation by Month															
Maine															
Firm Sales Normal Remaining Sendout	542,539	827,214	1,001,291	872,213	746,323	427,194	0	0	0	0	0	0	0	4,416,774	0
Monthly % Sendout of Total Winter	12.28%	18.73%	22.67%	19.75%	16.90%	9.67%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%
ME Allocated Inventory Finance Charge	$ 2,144	$ 3,270	$ 3,958	$ 3,448	$ 2,950	$ 1,689	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 17,458	$ -
New Hampshire															
Firm Sales Normal Remaining Sendout	353,654	552,720	657,534	565,511	462,827	231,476	0	0	0	0	0	0	0	2,823,721	0
Monthly % Sendout of Total Winter	12.52%	19.57%	23.29%	20.03%	16.39%	8.20%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%
NH Allocated Inventory Finance Charge	$ 1,082	$ 1,691	$ 2,012	$ 1,730	$ 1,416	$ 708	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 8,639	$ -

Northern Utilities
ALLOCATION OF COMMODITY COSTS BETWEEN ME & NH DIVISIONS

Northern Utilities
Simplified Market Based Allocator (MBA) Calculations
ALLOCATION OF NORTHERN INVENTORY FINANCE CHARGE

Inventory Finance Charge	
Storage	Attachment NUI-CAK-7 - 'Carrying Costs'
Peaking	Attachment NUI-CAK-7 - 'Carrying Costs'
Total	SUM LN 82 : LN 83

Inventory Finance Charge Allocation by Jurisdiction	
Maine	LN 45 * LN 84
New Hampshire	LN 46 * LN 84
Total	SUM LN 87 : LN 88

Inventory Finance Charge Allocation by Month

Maine

Firm Sales Remaining Sendout	Attachment NUI-CAK-3, LN 80/10
Monthly % Sendout of Total Winter	LN 93 / LN 93 COL O
ME Allocated Inventory Finance Charge	LN 94 * LN 87 COL N

New Hampshire

Firm Sales Remaining Sendout	Attachment NUI-CAK-3, LN 80/10
Monthly % Sendout of Total Winter	LN 98 / LN 98 COL O
NH Allocated Inventory Finance Charge	LN 99 * LN 88 COL N

Northern Utilities - NEW HAMPSHIRE DIVISION
COMMODITY COSTS

		Nov-23	Dec-23	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Annual	Winter	Summer
	Supply Volumes - Therms															
1	New Hampshire Sales Pipeline	4,354,375	2,910,727	2,713,109	2,511,426	2,034,992	3,126,671	1,526,470	986,272	842,221	851,572	950,579	1,916,862	24,725,278	17,651,301	7,073,977
2	New Hampshire Sales Storage	0	3,133,840	3,679,155	3,449,619	3,107,445	0	0	0	0	0	0	0	13,370,059	13,370,059	0
3	New Hampshire Sales Peaking	6,495	334,434	1,034,878	490,916	337,633	5,810	5,590	5,168	4,908	4,908	4,931	6,007	2,241,678	2,210,167	31,511
4	Total New Hampshire Firm Sales Sendout	4,360,870	6,379,002	7,427,142	6,451,961	5,480,071	3,132,481	1,532,061	991,440	847,129	856,480	955,510	1,922,869	40,337,014	33,231,526	7,105,488
5																
6	New Hampshire Interruptible Sendout (Pipeline)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7																
8	Total Firm Sendout	4,360,870	6,379,002	7,427,142	6,451,961	5,480,071	3,132,481	1,532,061	991,440	847,129	856,480	955,510	1,922,869	40,337,014	33,231,526	7,105,488
9	Total Firm Sales	4,329,473	6,333,071	7,373,664	6,405,502	5,440,616	3,109,925	1,521,025	984,300	841,027	850,309	948,632	1,909,028	40,046,575	32,992,252	7,054,322
10	Difference (LAUF & Company Use)	31,397	45,931	53,477	46,459	39,454	22,556	11,036	7,140	6,102	6,171	6,877	13,840	290,440	239,274	51,165
11	Percent Difference	0.72%	0.72%	0.72%	0.72%	0.72%	0.72%	0.72%	0.72%	0.72%	0.72%	0.72%	0.72%	0.72%	0.72%	0.72%
12																
13	**Variable Costs**															
14	New Hampshire Sales Pipeline	$ 1,176,142	$ 1,288,500	$ 1,675,371	$ 1,503,215	$ 752,092	$ 847,363	$ 374,309	$ 238,280	$ 206,968	$ 211,235	$ 216,786	$ 481,244	$ 8,971,505	$ 7,242,684	$ 1,728,822
15	New Hampshire Total Storage	$ -	$ 822,493	$ 952,902	$ 893,145	$ 802,607	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 3,471,147	$ 3,471,147	$ -
16	New Hampshire Total Peaking	$ 24,212	$ 1,002,116	$ 3,079,730	$ 1,473,923	$ 1,006,667	$ 11,988	$ 9,064	$ 7,627	$ 6,613	$ 6,613	$ 5,564	$ 6,352	$ 6,640,469	$ 6,598,636	$ 41,833
17	New Hampshire Inventory Finance Charge	$ 1,082	$ 1,691	$ 2,012	$ 1,730	$ 1,416	$ 708	$ -	$ -	$ -	$ -	$ -	$ -	$ 8,639	$ 8,639	$ -
18	Total New Hampshire Sales Variable Costs	$ 1,201,436	$ 3,114,801	$ 5,710,015	$ 3,872,013	$ 2,562,783	$ 860,059	$ 383,373	$ 245,907	$ 213,580	$ 217,848	$ 222,350	$ 487,595	$ 19,091,760	$ 17,321,106	$ 1,770,654
19														$ -	$ -	$ -
20	New Hampshire Interruptible Commodity Costs	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
21	Total New Hampshire Commodity Costs	$ 1,201,436	$ 3,114,801	$ 5,710,015	$ 3,872,013	$ 2,562,783	$ 860,059	$ 383,373	$ 245,907	$ 213,580	$ 217,848	$ 222,350	$ 487,595	$ 19,091,760	$ 17,321,106	$ 1,770,654
22																
23	**Supply Cost/Therm**															
24	New Hampshire Sales Pipeline	$ 0.270	$ 0.443	$ 0.618	$ 0.599	$ 0.370	$ 0.271	$ 0.245	$ 0.242	$ 0.246	$ 0.248	$ 0.228	$ 0.251	$ 0.363	$ 0.410	$ 0.244
25	New Hampshire Storage Excld Inventory Finance Costs	$ -	$ 0.262	$ 0.259	$ 0.259	$ 0.258	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 0.260	$ 0.260	$ -
26	New Hampshire Peaking Excld Inventory Finance Costs	$ 3.728	$ 2.996	$ 2.976	$ 3.002	$ 2.982	$ 2.063	$ 1.621	$ 1.476	$ 1.347	$ 1.347	$ 1.128	$ 1.057	$ 2.962	$ 2.986	$ 1.328
27	New Hampshire Inventory Finance Costs per Dth Stor and Peak	$ 0.167	$ 0.000	$ 0.000	$ 0.000	$ 0.000	$ 0.122	$ -	$ -	$ -	$ -	$ -	$ -	$ 0.001	$ 0.001	$ -
28	Weighted Average Cost per Dth Sendout	$ 0.276	$ 0.488	$ 0.769	$ 0.600	$ 0.468	$ 0.275	$ 0.250	$ 0.248	$ 0.252	$ 0.254	$ 0.233	$ 0.254	$ 0.473	$ 0.521	$ 0.249
29																
30	New Hampshire Interruptible Cost / Therm	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
31																
32	**Commodity Costs**															
33	Base Commodity, therms	824,327	851,805	851,805	796,850	851,805	817,717	851,805	824,327	847,130	851,805	824,327	851,805	10,045,509	4,994,309	5,051,200
34	Base Commodity Cost	$ 222,656	$ 377,071	$ 525,998	$ 476,955	$ 314,810	$ 221,611	$ 208,873	$ 199,154	$ 208,174	$ 211,293	$ 187,993	$ 213,853	$ 3,368,440	$ 2,139,100	$ 1,229,341
35	Remaining Commodity	$ 978,780	$ 2,737,730	$ 5,184,017	$ 3,395,058	$ 2,247,973	$ 638,448	$ 174,500	$ 46,752	$ 5,406	$ 6,555	$ 34,356	$ 273,743	$ 15,723,320	$ 15,182,006	$ 541,314
36	Total Commodity	$ 1,201,436	$ 3,114,801	$ 5,710,015	$ 3,872,013	$ 2,562,783	$ 860,059	$ 383,373	$ 245,907	$ 213,580	$ 217,848	$ 222,350	$ 487,595	$ 19,091,760	$ 17,321,106	$ 1,770,654

Northern Utilities - NEW HAMPSHIRE DIVISION
COMMODITY COSTS

	Supply Volumes - Therms	
1	New Hampshire Sales Pipeline	Attachment NUI-CAK-5, LN 2 * LN 46 * 10
2	New Hampshire Sales Storage	Attachment NUI-CAK-5, LN 3 * LN 46 * 10
3	New Hampshire Sales Peaking	Attachment NUI-CAK-5, LN 4 * LN 46 * 10
4	Total New Hampshire Firm Sales Sendout	Sum LN 1 : LN 3
5		
6	New Hampshire Interruptible Sendout (Pipeline)	Attachment NUI-CAK-5, LN 8 * 10
7		
8	Total Firm Sendout	LN 4
9	Total Firm Sales	Attachment NUI-CAK-3, LN 11
10	Difference (LAUF & Company Use)	LN 8 - LN 9
11	Percent Difference	LN 10 / LN 8
12		
13	**Variable Costs**	
14	New Hampshire Sales Pipeline Commodity	Attachment NUI-CAK-5, LN 59
15	New Hampshire Total Storage	Attachment NUI-CAK-5, LN 60
16	New Hampshire Total Peaking	Attachment NUI-CAK-5, LN 61
17	New Hampshire Inventory Finance Charge	Attachment NUI-CAK-5, LN 64
18	Total New Hampshire Sales Variable Costs	Sum LN 14 : LN 17
19		
20	New Hampshire Interruptible Commodity Costs	Attachment NUI-CAK-5, LN 30
21	Total New Hampshire Commodity Costs	LN 18 + LN 20
22		
23	**Supply Cost/Therm**	
24	New Hampshire Sales Pipeline Commodity	LN 14 / LN 1
25	New Hampshire Storage Excld Inventory Finance Costs	LN 15 / LN 2
26	New Hampshire Peaking Excld Inventory Finance Costs	LN 16 / LN 3
27	New Hampshire Inventory Finance Costs per Dth Stor and Peak	LN 17 / Sum (LN 2 : LN 3)
28	Weighted Average Cost per Dth Sendout	LN 18 / LN 8
29		
30	New Hampshire Interruptible Cost / Therm	LN 20 / LN 6
31		
32	**Commodity Costs**	
33	Base Commodity, therms	Attachment NUI-CAK-3, LN 64
34	Base Commodity Cost	Min (LN 24 * LN 33), LN 18
35	Remaining Commodity	LN 21 - LN 34
36	Total Commodity	LN 34 + LN 35

REDACTED

Northern Utilities, Inc.
Storage Inventory and Activity Costs

Denotes Confidential Information

Tennessee Storage

Month	Beginning Inventory Volume	Injections	Withdrawals	Ending Inventory Volume	Beginning Inventory Cost	Beginning Inventory Rate	Injection Rate	Injected Value	Withdrawal Rate	Withdrawn Value	Ending Inventory Value	Interest Rate	Carrying Costs	Ending Inventory Value Excluding	Withdrawn Value plus Charges
Nov-23	207,271	-	-	207,271	$ 372,881	$ 1.80	NA	$ -	$ 1.80	$ -	$ 372,881	5.51%	$ 1,711	$ 372,881	$ -
Dec-23	207,271	-	12,599	194,672	$ 372,881	$ 1.80	NA	$ -	$ 1.80	$ 22,666	$ 350,215	5.51%	$ 1,659	$ 350,215	$ 22,666
Jan-24	194,672	-	66,471	128,201	$ 350,215	$ 1.80	NA	$ -	$ 1.80	$ 119,582	$ 230,633	5.51%	$ 1,332	$ 230,633	$ 119,582
Feb-24	128,201	-	62,183	66,018	$ 230,633	$ 1.80	NA	$ -	$ 1.80	$ 111,867	$ 118,767	5.51%	$ 801	$ 118,767	$ 111,867
Mar-24	66,018	-	66,018	(0)	$ 118,767	$ 1.80	NA	$ -	$ 1.80	$ 118,767	$ (0)	5.51%	$ 272	$ (0)	$ 118,767
Apr-24	-	-	-	-	$ (0)	NA	NA	$ -	$ -	$ -	$ (0)	5.51%	$ (0)	$ (0)	$ -
May-24	-	42,842	-	42,842	$ (0)	NA	$ 2.30	$ 98,557	$ -	$ -	$ 98,557	5.51%	$ 226	$ 98,557	$ -
Jun-24	42,842	41,460	-	84,302	$ 98,557	$ 2.30	$ 2.38	$ 98,519	$ 2.34	$ -	$ 197,076	5.51%	$ 678	$ 197,076	$ -
Jul-24	84,302	38,667	-	122,969	$ 197,076	$ 2.34	$ 2.45	$ 94,734	$ 2.37	$ -	$ 291,810	5.51%	$ 1,121	$ 291,810	$ -
Aug-24	122,969	-	-	122,969	$ 291,810	$ 2.37	NA	$ -	$ 2.37	$ -	$ 291,810	5.51%	$ 1,339	$ 291,809	$ -
Sep-24	122,969	41,460	-	164,429	$ 291,810	$ 2.37	$ 2.00	$ 83,012	$ 2.28	$ -	$ 374,822	5.51%	$ 1,529	$ 374,821	$ -
Oct-24	164,429	42,842	-	207,271	$ 374,822	$ 2.28	$ 1.96	$ 84,039	$ 2.21	$ -	$ 458,861	5.51%	$ 1,912	$ 458,860	$ -

Union Storage

Month	Beginning Inventory Volume	Injections	Withdrawals	Ending Inventory Volume	Beginning Inventory Cost	Beginning Inventory Rate	Injection Rate	Injected Value	Withdrawal Rate	Withdrawn Value	Ending Inventory Value	Interest Rate	Carrying Costs	Ending Inventory Value Excluding	Withdrawn Value plus Charges
Nov-23	4,795,394	-	-	4,795,394	$12,117,961	$ 2.53	NA	$ -	$ 2.53	$ -	$ 12,117,961			$ 12,117,961	$ -
Dec-23	4,795,394	-	855,651	3,939,743	$12,117,961	$ 2.53	NA	$ -	$ 2.53	$ 2,162,230	$ 9,955,730			$ 9,955,730	$ 2,162,230
Jan-24	3,939,743	-	951,597	2,988,146	$ 9,955,730	$ 2.53	NA	$ -	$ 2.53	$ 2,404,686	$ 7,551,045			$ 7,551,045	$ 2,404,686
Feb-24	2,988,146	-	902,155	2,085,991	$ 7,551,045	$ 2.53	NA	$ -	$ 2.53	$ 2,279,746	$ 5,271,298			$ 5,271,298	$ 2,279,746
Mar-24	2,085,991	-	834,415	1,251,576	$ 5,271,298	$ 2.53	NA	$ -	$ 2.53	$ 2,108,566	$ 3,162,732			$ 3,162,732	$ 2,108,566
Apr-24	1,251,576	1,078,950	-	2,330,526	$ 3,162,732	$ 2.53	$ 2.86	$3,087,599	$ 5.83		$ 6,250,331			$ 6,250,331	$ -
May-24	2,330,526	1,114,915	-	3,445,441	$ 6,250,331	$ 2.68	$ 2.83	$3,155,654	$ 2.73		$ 9,405,985			$ 9,405,985	$ -
Jun-24	3,445,441	719,336	-	4,164,777	$ 9,405,985	$ 2.73	$ 2.92	$2,101,060	$ 2.76		$ 11,507,045			$ 11,507,045	$ -
Jul-24	4,164,777	-	-	4,164,777	$11,507,045	$ 2.76	NA	$ -	$ 2.76		$ 11,507,045			$ 11,507,045	$ -
Aug-24	4,164,777	-	-	4,164,777	$11,507,045	$ 2.76	NA	$ -	$ 2.76		$ 11,507,045			$ 11,507,045	$ -
Sep-24	4,164,777	630,617	-	4,795,394	$11,507,045	$ 2.76	$ 3.03	$1,911,022	$ 2.80		$ 13,418,067			$ 13,418,067	$ -
Oct-24	4,795,394	-	-	4,795,394	$13,418,067	$ 2.80	$ -	$ -	$ 2.80		$ 13,418,067			$ 13,418,067	$ -

LNG Storage

Month	Beginning Inventory Volume	Injections	Withdrawals	Ending Inventory Volume	Beginning Inventory Cost	Beginning Inventory Rate	Injection Rate	Injected Value	Withdrawal Rate	Withdrawn Value	Ending Inventory Value	Interest Rate	Carrying Costs	Ending Inventory Value Excluding	Withdrawn Value plus Charges
Nov-23	12,000	1,800	1,800	12,000											
Dec-23	12,000	-	1,860	10,140											
Jan-24	10,140	-	1,860	8,280											
Feb-24	8,280	-	1,740	6,540											
Mar-24	6,540	7,080	1,860	11,760											
Apr-24	11,760	-	1,800	9,960											
May-24	9,960	3,900	1,860	12,000											
Jun-24	12,000	1,800	1,800	12,000											
Jul-24	12,000	1,860	1,860	12,000											
Aug-24	12,000	-	1,860	10,140											
Sep-24	10,140	3,660	1,800	12,000											
Oct-24	12,000	1,620	1,860	11,760											

Northern Utilities - NEW HAMPSHIRE DIVISION
Allocation of Commodity Costs to Customer Classes

Base Commodity Costs

	BASE SENDOUT BY CLASS	Nov-23	Dec-23	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Annual	Winter	Summer
2	**Total Therms**															
3	Res Heat	307,467	317,716	317,716	297,218	317,716	307,467	317,716	307,467	315,972	317,716	307,467	317,716	3,749,357	1,865,301	1,884,055
4	Res General	8,852	9,147	9,147	8,557	9,147	8,852	9,147	8,852	9,097	9,147	8,852	9,147	107,947	53,703	54,243
5	G50 Low Annual-Low Winter	70,848	73,210	73,210	68,486	73,210	70,848	73,210	70,848	72,808	73,210	70,848	73,210	863,945	429,812	434,133
6	G40 Low Annual-High Winter	134,779	139,272	139,272	130,287	139,272	134,779	139,272	134,779	138,508	139,272	134,779	139,272	1,643,544	817,661	825,882
7	G51 Med Annual-Low Winter	101,237	104,611	104,611	97,862	104,611	101,237	104,611	101,237	104,037	104,611	101,237	104,611	1,234,515	614,170	620,345
8	G41 Med Annual-High Winter	110,528	114,212	114,212	106,843	114,212	110,528	114,212	110,528	113,585	114,212	110,528	114,212	1,347,809	670,534	677,275
9	G52 High Annual-Low Winter	45,383	46,896	46,896	43,871	46,896	38,773	46,896	45,383	46,639	46,896	45,383	46,896	546,809	268,715	278,094
10	G42 High Annual-High Winter	45,233	46,741	46,741	43,725	46,741	45,233	46,741	45,233	46,484	46,741	45,233	46,741	551,585	274,413	277,172
11	Total Firm Sales	824,327	851,805	851,805	796,850	851,805	817,717	851,805	824,327	847,130	851,805	824,327	851,805	10,045,509	4,994,309	5,051,200
12	**% of Total**															
13	Res Heat	37.30%	37.30%	37.30%	37.30%	37.30%	37.60%	37.30%	37.30%	37.30%	37.30%	37.30%	37.30%			
14	Res General	1.07%	1.07%	1.07%	1.07%	1.07%	1.08%	1.07%	1.07%	1.07%	1.07%	1.07%	1.07%			
15	G50 Low Annual-Low Winter	8.59%	8.59%	8.59%	8.59%	8.59%	8.66%	8.59%	8.59%	8.59%	8.59%	8.59%	8.59%			
16	G40 Low Annual-High Winter	16.35%	16.35%	16.35%	16.35%	16.35%	16.48%	16.35%	16.35%	16.35%	16.35%	16.35%	16.35%			
17	G51 Med Annual-Low Winter	12.28%	12.28%	12.28%	12.28%	12.28%	12.38%	12.28%	12.28%	12.28%	12.28%	12.28%	12.28%			
18	G41 Med Annual-High Winter	13.41%	13.41%	13.41%	13.41%	13.41%	13.52%	13.41%	13.41%	13.41%	13.41%	13.41%	13.41%			
19	G52 High Annual-Low Winter	5.51%	5.51%	5.51%	5.51%	5.51%	4.74%	5.51%	5.51%	5.51%	5.51%	5.51%	5.51%			
20	G42 High Annual-High Winter	5.49%	5.49%	5.49%	5.49%	5.49%	5.53%	5.49%	5.49%	5.49%	5.49%	5.49%	5.49%			
21	Total Firm Sales	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%			

	BASE COMMODITY COSTS	Nov-23	Dec-23	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Annual	Winter	Summer
23	TOTAL BASE COMMODITY	$ 222,656	$ 377,071	$ 525,998	$ 476,955	$ 314,810	$ 221,611	$ 208,873	$ 199,154	$ 208,174	$ 211,293	$ 187,993	$ 213,853	$ 3,368,440	$ 2,139,100	$ 1,229,341
24	Res Heat	$ 83,049	$ 140,644	$ 196,193	$ 177,900	$ 117,422	$ 83,327	$ 77,908	$ 74,283	$ 77,647	$ 78,811	$ 70,120	$ 79,765	$ 1,257,068	$ 798,535	$ 458,534
25	Res General	$ 2,391	$ 4,049	$ 5,649	$ 5,122	$ 3,381	$ 2,399	$ 2,243	$ 2,139	$ 2,236	$ 2,269	$ 2,019	$ 2,296	$ 36,192	$ 22,990	$ 13,202
26	G50 Low Annual-Low Winter	$ 19,136	$ 32,408	$ 45,208	$ 40,993	$ 27,057	$ 19,201	$ 17,952	$ 17,117	$ 17,892	$ 18,160	$ 16,157	$ 18,380	$ 289,660	$ 184,002	$ 105,658
27	G40 Low Annual-High Winter	$ 36,405	$ 61,652	$ 86,002	$ 77,983	$ 51,472	$ 36,527	$ 34,151	$ 32,562	$ 34,037	$ 34,547	$ 30,737	$ 34,965	$ 551,040	$ 350,040	$ 201,000
28	G51 Med Annual-Low Winter	$ 27,345	$ 46,309	$ 64,599	$ 58,575	$ 38,662	$ 27,436	$ 25,652	$ 24,458	$ 25,566	$ 25,949	$ 23,088	$ 26,264	$ 413,903	$ 262,926	$ 150,977
29	G41 Med Annual-High Winter	$ 29,854	$ 50,558	$ 70,527	$ 63,951	$ 42,210	$ 29,954	$ 28,006	$ 26,703	$ 27,912	$ 28,331	$ 25,207	$ 28,674	$ 451,888	$ 287,055	$ 164,832
30	G52 High Annual-Low Winter	$ 12,258	$ 20,760	$ 28,959	$ 26,259	$ 17,332	$ 10,508	$ 11,499	$ 10,964	$ 11,461	$ 11,633	$ 10,350	$ 11,774	$ 183,756	$ 116,075	$ 67,681
31	G42 High Annual-High Winter	$ 12,218	$ 20,691	$ 28,863	$ 26,172	$ 17,274	$ 12,259	$ 11,461	$ 10,928	$ 11,423	$ 11,594	$ 10,316	$ 11,735	$ 184,933	$ 117,476	$ 67,457
32																
33	Residential	$ 85,440	$ 144,694	$ 201,841	$ 183,022	$ 120,802	$ 85,726	$ 80,151	$ 76,422	$ 79,883	$ 81,080	$ 72,139	$ 82,062	$ 1,293,260	$ 821,525	$ 471,735
34	SALES HLF CLASSES	$ 58,739	$ 99,476	$ 138,765	$ 125,827	$ 83,051	$ 57,145	$ 55,103	$ 52,540	$ 54,919	$ 55,742	$ 49,595	$ 56,417	$ 887,319	$ 563,003	$ 324,316
35	SALES LLF CLASSES	$ 78,476	$ 132,901	$ 185,391	$ 168,106	$ 110,957	$ 78,740	$ 73,619	$ 70,193	$ 73,372	$ 74,472	$ 66,260	$ 75,374	$ 1,187,861	$ 754,572	$ 433,289

Northern Utilities - NEW HAMPSHIRE DIVISION
Allocation of Commodity Costs to Customer Classes

Base Commodity Costs

1	**BASE SENDOUT BY CLASS**	
2	**Total Therms**	
3	Res Heat	Attachment NUI-CAK-3, LN 52
4	Res General	Attachment NUI-CAK-3, LN 53
5	G50 Low Annual-Low Winter	Attachment NUI-CAK-3, LN 54
6	G40 Low Annual-High Winter	Attachment NUI-CAK-3, LN 55
7	G51 Med Annual-Low Winter	Attachment NUI-CAK-3, LN 56
8	G41 Med Annual-High Winter	Attachment NUI-CAK-3, LN 57
9	G52 High Annual-Low Winter	Attachment NUI-CAK-3, LN 58
10	G42 High Annual-High Winter	Attachment NUI-CAK-3, LN 59
11	Total Firm Sales	Sum LN 3 : LN 10
12	**% of Total**	
13	Res Heat	LN 3 / LN 11
14	Res General	LN 4 / LN 11
15	G50 Low Annual-Low Winter	LN 5 / LN 11
16	G40 Low Annual-High Winter	LN 6 / LN 11
17	G51 Med Annual-Low Winter	LN 7 / LN 11
18	G41 Med Annual-High Winter	LN 8 / LN 11
19	G52 High Annual-Low Winter	LN 9 / LN 11
20	G42 High Annual-High Winter	LN 10 / LN 11
21	Total Firm Sales	Sum LN 13 : LN 20

22	**BASE COMMODITY COSTS**	
23	TOTAL BASE COMMODITY	Attachment NUI-CAK-6, LN 34
24	Res Heat	LN 23 * LN 13
25	Res General	LN 23 * LN 14
26	G50 Low Annual-Low Winter	LN 23 * LN 15
27	G40 Low Annual-High Winter	LN 23 * LN 16
28	G51 Med Annual-Low Winter	LN 23 * LN 17
29	G41 Med Annual-High Winter	LN 23 * LN 18
30	G52 High Annual-Low Winter	LN 23 * LN 19
31	G42 High Annual-High Winter	LN 23 * LN 20
32		
33	Residential	LN 24 + LN 25
34	SALES HLF CLASSES	LN 26 + LN 28 + LN 30
35	SALES LLF CLASSES	LN 27 + LN 29 + LN 31

Northern Utilities - NEW HAMPSHIRE DIVISION
Allocation of Commodity Costs to Customer Classes

Remaining Commodity Costs

	REMAINING SENDOUT BY CLASS	Nov-23	Dec-23	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Annual	Winter	Summer
37	**Total Therms**															
38	Res Heat	1,814,307	2,785,976	3,295,947	2,841,972	2,348,603	1,216,636	253,729	62,332	-	1,744	48,930	399,498	15,069,673	14,303,440	766,233
39	Res General	10,747	19,522	24,233	20,440	15,482	5,226	7,305	1,795	-	50	1,409	11,502	117,712	95,651	22,060
40	G50 Low Annual-Low Winter	33,473	79,390	104,464	85,858	57,886	4,088	58,466	14,363	-	402	11,275	92,054	541,718	365,159	176,559
41	G40 Low Annual-High Winter	892,852	1,363,928	1,610,921	1,390,107	1,152,097	603,384	111,223	27,323	-	764	21,449	175,121	7,349,170	7,013,289	335,881
42	G51 Med Annual-Low Winter	68,285	143,361	184,106	152,947	108,417	20,533	83,543	20,523	-	574	16,111	131,539	929,939	677,648	252,290
43	G41 Med Annual-High Winter	553,940	857,758	1,017,464	876,244	720,788	366,769	91,210	22,407	-	627	17,589	143,611	4,668,406	4,392,963	275,443
44	G52 High Annual-Low Winter	8,594	32,061	45,035	35,990	20,934	-	37,451	9,200	-	257	7,222	58,967	255,713	142,614	113,099
45	G42 High Annual-High Winter	154,345	245,198	293,166	251,552	204,058	98,127	37,327	9,170	-	257	7,198	58,772	1,359,170	1,246,446	112,724
46	Total Firm Sales	3,536,543	5,527,195	6,575,335	5,655,110	4,628,265	2,314,763	680,255	167,113	-	4,675	131,183	1,071,065	30,291,501	28,237,211	2,054,290
47	**% of Total**															
48	Res Heat	51.30%	50.40%	50.13%	50.25%	50.74%	52.56%	37.30%	37.30%	37.30%	37.30%	37.30%	37.30%			
49	Res General	0.30%	0.35%	0.37%	0.36%	0.33%	0.23%	1.07%	1.07%	1.07%	1.07%	1.07%	1.07%			
50	G50 Low Annual-Low Winter	0.95%	1.44%	1.59%	1.52%	1.25%	0.18%	8.59%	8.59%	8.59%	8.59%	8.59%	8.59%			
51	G40 Low Annual-High Winter	25.25%	24.68%	24.50%	24.58%	24.89%	26.07%	16.35%	16.35%	16.35%	16.35%	16.35%	16.35%			
52	G51 Med Annual-Low Winter	1.93%	2.59%	2.80%	2.70%	2.34%	0.89%	12.28%	12.28%	12.28%	12.28%	12.28%	12.28%			
53	G41 Med Annual-High Winter	15.66%	15.52%	15.47%	15.49%	15.57%	15.84%	13.41%	13.41%	13.41%	13.41%	13.41%	13.41%			
54	G52 High Annual-Low Winter	0.24%	0.58%	0.68%	0.64%	0.45%	0.00%	5.51%	5.51%	5.51%	5.51%	5.51%	5.51%			
55	G42 High Annual-High Winter	4.36%	4.44%	4.46%	4.45%	4.41%	4.24%	5.49%	5.49%	5.49%	5.49%	5.49%	5.49%			
56	Total Firm Sales	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%			

	REMAINING COMMODITY COSTS	Nov-23	Dec-23	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Annual	Winter	Summer
58	REMAINING COMMODITY	$ 978,780	$ 2,737,730	$ 5,184,017	$ 3,395,058	$ 2,247,973	$ 638,448	$ 174,500	$ 46,752	$ 5,406	$ 6,555	$ 34,356	$ 273,743	$ 15,723,320	$ 15,182,006	$ 541,314
59	Res Heat	$ 502,131	$ 1,379,949	$ 2,598,536	$ 1,706,184	$ 1,140,729	$ 335,567	$ 65,087	$ 17,438	$ 2,017	$ 2,445	$ 12,815	$ 102,104	$ 7,865,002	$ 7,663,097	$ 201,905
60	Res General	$ 2,974	$ 9,670	$ 19,105	$ 12,271	$ 7,520	$ 1,442	$ 1,874	$ 502	$ 58	$ 70	$ 369	$ 2,940	$ 58,795	$ 52,982	$ 5,813
61	G50 Low Annual-Low Winter	$ 9,264	$ 39,323	$ 82,360	$ 51,545	$ 28,115	$ 1,127	$ 14,998	$ 4,018	$ 465	$ 563	$ 2,953	$ 23,527	$ 258,259	$ 211,735	$ 46,524
62	G40 Low Annual-High Winter	$ 247,107	$ 675,581	$ 1,270,056	$ 834,554	$ 559,580	$ 166,423	$ 28,531	$ 7,644	$ 884	$ 1,072	$ 5,617	$ 44,758	$ 3,841,806	$ 3,753,300	$ 88,506
63	G51 Med Annual-Low Winter	$ 18,899	$ 71,010	$ 145,150	$ 91,822	$ 52,659	$ 5,663	$ 21,431	$ 5,742	$ 664	$ 805	$ 4,219	$ 33,619	$ 451,681	$ 385,202	$ 66,479
64	G41 Med Annual-High Winter	$ 153,309	$ 424,865	$ 802,172	$ 526,055	$ 350,091	$ 101,161	$ 23,397	$ 6,269	$ 725	$ 879	$ 4,607	$ 36,704	$ 2,430,233	$ 2,357,652	$ 72,580
65	G52 High Annual-Low Winter	$ 2,379	$ 15,881	$ 35,505	$ 21,607	$ 10,168	$ -	$ 9,607	$ 2,574	$ 298	$ 361	$ 1,891	$ 15,071	$ 115,341	$ 85,539	$ 29,802
66	G42 High Annual-High Winter	$ 42,717	$ 121,451	$ 231,133	$ 151,020	$ 99,112	$ 27,065	$ 9,575	$ 2,565	$ 297	$ 360	$ 1,885	$ 15,021	$ 702,202	$ 672,498	$ 29,703
67																
68	Residential	$ 505,105	$ 1,389,619	$ 2,617,641	$ 1,718,456	$ 1,148,249	$ 337,009	$ 66,961	$ 17,940	$ 2,075	$ 2,515	$ 13,184	$ 105,043	$ 7,923,798	$ 7,716,079	$ 207,718
69	SALES HLF CLASSES	$ 30,541	$ 126,214	$ 263,015	$ 164,974	$ 90,942	$ 6,791	$ 46,035	$ 12,334	$ 1,426	$ 1,729	$ 9,064	$ 72,217	$ 825,282	$ 682,476	$ 142,805
70	SALES LLF CLASSES	$ 443,134	$ 1,221,897	$ 2,303,361	$ 1,511,629	$ 1,008,782	$ 294,649	$ 61,504	$ 16,478	$ 1,906	$ 2,310	$ 12,109	$ 96,483	$ 6,974,241	$ 6,783,451	$ 190,790

Total Commodity Costs

	TOTAL COMMODITY COSTS	Nov-23	Dec-23	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Annual	Winter	Summer
72	TOTAL COMMODITY	$ 1,201,436	$ 3,114,801	$ 5,710,015	$ 3,872,013	$ 2,562,783	$ 860,059	$ 383,373	$ 245,907	$ 213,580	$ 217,848	$ 222,350	$ 487,595	$ 19,091,760	$ 17,321,106	$ 1,770,654
73	Res Heat	$ 585,180	$ 1,520,594	$ 2,794,729	$ 1,884,085	$ 1,258,150	$ 418,895	$ 142,995	$ 91,721	$ 79,664	$ 81,256	$ 82,935	$ 181,869	$ 9,122,071	$ 8,461,632	$ 660,439
74	Res General	$ 5,365	$ 13,719	$ 24,754	$ 17,393	$ 10,900	$ 3,841	$ 4,117	$ 2,641	$ 2,294	$ 2,339	$ 2,388	$ 5,236	$ 94,987	$ 75,973	$ 19,015
75	G50 Low Annual-Low Winter	$ 28,401	$ 71,731	$ 127,567	$ 92,538	$ 55,172	$ 20,328	$ 32,950	$ 21,135	$ 18,357	$ 18,723	$ 19,110	$ 41,907	$ 547,919	$ 395,737	$ 152,182
76	G40 Low Annual-High Winter	$ 283,512	$ 737,233	$ 1,356,057	$ 912,537	$ 611,052	$ 202,950	$ 62,682	$ 40,206	$ 34,921	$ 35,619	$ 36,355	$ 79,723	$ 4,392,846	$ 4,103,340	$ 289,506
77	G51 Med Annual-Low Winter	$ 46,243	$ 117,318	$ 209,748	$ 150,397	$ 91,321	$ 33,100	$ 47,083	$ 30,200	$ 26,230	$ 26,754	$ 27,307	$ 59,882	$ 865,584	$ 648,128	$ 217,456
78	G41 Med Annual-High Winter	$ 183,163	$ 475,423	$ 872,699	$ 590,006	$ 392,301	$ 131,115	$ 51,404	$ 32,972	$ 28,637	$ 29,210	$ 29,813	$ 65,378	$ 2,882,120	$ 2,644,708	$ 237,413
79	G52 High Annual-Low Winter	$ 14,637	$ 36,640	$ 64,464	$ 47,865	$ 27,500	$ 10,508	$ 21,107	$ 13,538	$ 11,759	$ 11,994	$ 12,241	$ 26,845	$ 299,098	$ 201,614	$ 97,483
80	G42 High Annual-High Winter	$ 54,934	$ 142,142	$ 259,996	$ 177,192	$ 116,386	$ 39,324	$ 21,037	$ 13,494	$ 11,720	$ 11,954	$ 12,201	$ 26,756	$ 887,135	$ 789,974	$ 97,160
81																
82	Residential	$ 590,545	$ 1,534,313	$ 2,819,483	$ 1,901,478	$ 1,269,051	$ 422,735	$ 147,112	$ 94,362	$ 81,957	$ 83,595	$ 85,322	$ 187,105	$ 9,217,058	$ 8,537,604	$ 679,454
83	SALES HLF CLASSES	$ 89,281	$ 225,690	$ 401,780	$ 290,801	$ 173,993	$ 63,936	$ 101,139	$ 64,873	$ 56,345	$ 57,471	$ 58,659	$ 128,634	$ 1,712,601	$ 1,245,479	$ 467,121
84	SALES LLF CLASSES	$ 521,610	$ 1,354,798	$ 2,488,752	$ 1,679,734	$ 1,119,739	$ 373,388	$ 135,123	$ 86,672	$ 75,278	$ 76,782	$ 78,369	$ 171,856	$ 8,162,102	$ 7,538,022	$ 624,079
85																
86	% ALLOCATION BETWEEN HLF & LLF															
87	HLF CLASSES%														14.18%	42.81%
88	LLF CLASSES %														85.82%	57.19%

Northern Utilities - NEW HAMPSHIRE DIVISION
Allocation of Commodity Costs to Customer Classes

Remaining Commodity Costs

36	**REMAINING SENDOUT BY CLASS**	
37	**Total Therms**	
38	Res Heat	Attachment NUI-CAK-3, LN 68
39	Res General	Attachment NUI-CAK-3, LN 69
40	G50 Low Annual-Low Winter	Attachment NUI-CAK-3, LN 70
41	G40 Low Annual-High Winter	Attachment NUI-CAK-3, LN 71
42	G51 Med Annual-Low Winter	Attachment NUI-CAK-3, LN 72
43	G41 Med Annual-High Winter	Attachment NUI-CAK-3, LN 73
44	G52 High Annual-Low Winter	Attachment NUI-CAK-3, LN 74
45	G42 High Annual-High Winter	Attachment NUI-CAK-3, LN 75
46	Total Firm Sales	Sum LN 38 : LN 45
47	**% of Total**	
48	Res Heat	LN 38 / LN 46
49	Res General	LN 39 / LN 46
50	G50 Low Annual-Low Winter	LN 40 / LN 46
51	G40 Low Annual-High Winter	LN 41 / LN 46
52	G51 Med Annual-Low Winter	LN 42 / LN 46
53	G41 Med Annual-High Winter	LN 43 / LN 46
54	G52 High Annual-Low Winter	LN 44 / LN 46
55	G42 High Annual-High Winter	LN 45 / LN 46
56	Total Firm Sales	Sum LN 62 : LN 69

57	**REMAINING COMMODITY COSTS**	
58	REMAINING COMMODITY	Attachment NUI-CAK-6, LN 35
59	Res Heat	LN 58 * LN 48
60	Res General	LN 58 * LN 49
61	G50 Low Annual-Low Winter	LN 58 * LN 50
62	G40 Low Annual-High Winter	LN 58 * LN 51
63	G51 Med Annual-Low Winter	LN 58 * LN 52
64	G41 Med Annual-High Winter	LN 58 * LN 53
65	G52 High Annual-Low Winter	LN 58 * LN 54
66	G42 High Annual-High Winter	LN 58 * LN 55
67		
68	Residential	LN 59 + LN 60
69	SALES HLF CLASSES	LN 61 + LN 63 + LN 65
70	SALES LLF CLASSES	LN 62 + LN 64 + LN 66

Total Commodity Costs

71	**TOTAL COMMODITY COSTS**	
72	TOTAL COMMODITY	Attachment NUI-CAK-6, LN 36
73	Res Heat	LN 24 + LN 59
74	Res General	LN 25 + LN 60
75	G50 Low Annual-Low Winter	LN 26 + LN 61
76	G40 Low Annual-High Winter	LN 27 + LN 62
77	G51 Med Annual-Low Winter	LN 28 + LN 63
78	G41 Med Annual-High Winter	LN 29 + LN 64
79	G52 High Annual-Low Winter	LN 30 + LN 65
80	G42 High Annual-High Winter	LN 31 + LN 66
81		
82	Residential	LN 73 + LN 74
83	SALES HLF CLASSES	LN 75 + LN 77 + LN 79
84	SALES LLF CLASSES	LN 76 + LN 78 + LN 80

Northern Utilities - NEW HAMPSHIRE DIVISION
Supporting Detail to Proposed Tariff Sheets
Demand and Commodity Cost Reallocation to HLF and LLF Customers

		Winter	Summer	Annual	
1	Demand	$ 7,227,684	$ 1,449,961	$ 8,677,645	Attachment NUI-CAK-2, LN 80
2	Commodity	$ 17,321,106	$ 1,770,654	$ 19,091,760	Attachment NUI-CAK-6, LN 36
3	Total	$ 24,548,790	$ 3,220,615	$ 27,769,405	LN 1 + LN 2
4					
5	Forecasted Firm Sales (Therms)	32,992,252	7,054,322	40,046,575	Attachment NUI-CAK-3, LN 11
6	Forecasted Residential Sales (Therms)	16,200,606	2,706,958	18,907,563	Attachment NUI-CAK-3, LN 3
7	Average Residential Rate:	**Winter**	**Summer**	**Annual**	
8	Average Demand Rate	$0.2191	$0.2055		LN 1 / LN 5
9	Average Commodity Rate	$0.5250	$0.2510		LN 2 / LN 5
10	Average Rate	$0.7441	$0.4565		LN 3 / LN 5
11					
12	**Residential Reallocation:**	**Winter**	**Summer**	**Annual**	
13	Demand Costs Allocated To Residential per SMBA	$ 3,534,538	$ 632,013	$ 4,166,551	Attachment NUI-CAK-4, LN 169
14	Demand Costs Allocated To Residential per Avg Res. Rate	$ 3,549,102	$ 556,280	$ 4,105,382	LN 8 * LN 6
15	**Demand Reallocation:**	$ (14,564)	$ 75,733	$ 61,169	LN 13 - LN 14
16	**HLF Allocation**	$ (1,676)	$ 21,784	$ 20,109	LN 15 * LN 20
17	**LLF Allocation**	$ (12,889)	$ 53,949	$ 41,061	LN 15 * LN 21
18					
19	**SMBA Capacity Cost Allocation (%)**				
20	HLF	11.50%	28.76%		Attachment NUI-CAK-4, LN 174
21	LLF	88.50%	71.24%		Attachment NUI-CAK-4, LN 175
22					
23	Commodity Costs Allocated To Residential per SMBA	$ 8,537,604	$ 679,454	$ 9,217,058	Attachment NUI-CAK-8, LN 82
24	Commodity Costs Allocated To Residential per Avg Res. Rate	$ 8,505,403	$ 679,446	$ 9,184,850	LN 9 * LN 6
25	**Commodity Reallocation:**	$ 32,201	$ 7	$ 32,208	LN 23 - LN 24
26	**HLF Allocation**	$ 4,566	$ 3	$ 4,569	LN 25 * LN 30
27	**LLF Allocation**	$ 27,635	$ 4	$ 27,639	LN 25 * LN 31
28					
29	**SMBA Commodity Cost Allocation (%)**				
30	HLF	14.18%	42.81%		Attachment NUI-CAK-8, LN 87
31	LLF	85.82%	57.19%		Attachment NUI-CAK-8, LN 88

NORTHERN UTILITIES, INC. - NEW HAMPSHIRE DIVISION
2022-23 ANNUAL COG RECONCILIATION
SCHEDULE 1: SUMMARY OF ANNUAL BALANCE
August 2022 - October 2023

	AMOUNT	
Annual Beginning Balance	$ (3,597,851)	FORM III SCHEDULE 2
Less: Reported Collections	$ (37,423,634)	FORM III SCHEDULE 3
Add: Cost of Firm Gas Allowable	$ 40,210,134	FORM III SCHEDULE 4
Add: Interest	$ (265,789)	FORM III SCHEDULE 2
Annual Ending Balance	$ (1,077,140)	

Summer Season Reconciliation	$ 298,724	FORM III ATTACHMENT F
Winter Season Reconciliation	$ (1,375,864)	FORM III ATTACHMENT F

NORTHERN UTILTIES, INC. - NEW HAMPSHIRE DIVISION
2022-23 ANNUAL COG RECONCILIATION
SCHEDULE 2: ADJUSTMENTS TO REPORTED SUMMER, WINTER AND ANNUAL ACCOUNTS
August 2022 - October 2023
Acct 191

	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Estimated Aug-23	Estimated Sep-23	Estimated Oct-23	Total
Inital Account Beginning Balance	$ (3,623,802)															
Adjustment (1)	$ 25,951															
Adjusted Beginning Balance	$ (3,597,851)	$ (2,900,813)	$ (2,465,092)	$ (2,863,963)	$ (3,605,471)	$ (3,304,602)	$ (2,957,231)	$ (2,750,970)	$ (3,959,669)	$ (4,747,564)	$ (4,340,988)	$ (3,703,856)	$ (3,120,698)	$ (2,377,884)	$ (1,668,923)	
Plus: Cost of Firm Gas (Schedule 4)	$ 1,483,552	$ 1,535,697	$ 1,640,074	$ 3,546,489	$ 5,957,900	$ 7,558,957	$ 6,823,298	$ 3,883,175	$ 1,270,885	$ 938,189	$ 938,897	$ 884,130	$ 1,144,034	$ 1,146,972	$ 1,457,884	$ 40,210,134
Less: Reported Collections (Schedule 3)	$ (775,702)	$ (1,091,048)	$ (2,026,760)	$ (4,273,205)	$ (5,641,232)	$ (7,193,375)	$ (6,600,437)	$ (5,072,358)	$ (2,030,754)	$ (502,359)	$ (275,870)	$ (277,593)	$ (382,384)	$ (424,147)	$ (856,410)	$ (37,423,634)
Annual Account Ending Balance	$ (2,890,000)	$ (2,456,164)	$ (2,851,779)	$ (3,590,679)	$ (3,288,803)	$ (2,939,020)	$ (2,734,370)	$ (3,940,153)	$ (4,719,538)	$ (4,311,734)	$ (3,677,962)	$ (3,097,319)	$ (2,359,048)	$ (1,655,059)	$ (1,067,448)	
Month's Average Balance	$ (3,243,925)	$ (2,678,489)	$ (2,658,435)	$ (3,227,321)	$ (3,447,137)	$ (3,121,811)	$ (2,845,800)	$ (3,345,562)	$ (4,339,603)	$ (4,529,649)	$ (4,009,475)	$ (3,400,588)	$ (2,739,873)	$ (2,016,472)	$ (1,368,185)	
Interest Rate (Prime Rate)	4.00%	4.00%	5.50%	5.50%	5.50%	7.00%	7.00%	7.00%	7.75%	7.75%	7.75%	8.25%	8.25%	8.25%	8.50%	
Interest Applied	$ (10,813)	$ (8,928)	$ (12,184)	$ (14,792)	$ (15,799)	$ (18,211)	$ (16,601)	$ (19,516)	$ (28,027)	$ (29,254)	$ (25,895)	$ (23,379)	$ (18,837)	$ (13,863)	$ (9,691)	$ (265,789)
Annual Account Ending Balance w/int	$ (2,900,813)	$ (2,465,092)	$ (2,863,963)	$ (3,605,471)	$ (3,304,602)	$ (2,957,231)	$ (2,750,970)	$ (3,959,669)	$ (4,747,564)	$ (4,340,988)	$ (3,703,856)	$ (3,120,698)	$ (2,377,884)	$ (1,668,923)	$ (1,077,140)	

(1) Reflects ATV charges of $25,705 plus interest, not included in the 2021-2022 reconciliation.

NORTHERN UTILITIES, INC. - NEW HAMPSHIRE DIVISION
2022-23 ANNUAL COG RECONCILIATION
SCHEDULE 3: REVENUE BACKUP TO REPORTED COLLECTIONS
August 2022 - October 2023
completed

	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Estimated[1] Aug-23	Sep-23	Oct-23	Total
Accrued Revenue	$ (10,886)	$ 97,834	$ 343,773	$ 1,701,318	$ 405,320	$ 231,477	$ (357,859)	$ (898,271)	$ (934,106)	$ (590,963)	$ (155,912)	$ (46,643)				
Billed Revenue	$ 786,588	$ 993,214	$ 1,682,987	$ 2,571,887	$ 5,235,912	$ 6,961,899	$ 6,958,297	$ 5,970,629	$ 2,964,860	$ 1,093,322	$ 431,782	$ 324,236				
Calendarized Revenue	$ 775,702	$ 1,091,048	$ 2,026,760	$ 4,273,205	$ 5,641,232	$ 7,193,375	$ 6,600,437	$ 5,072,358	$ 2,030,754	$ 502,359	$ 275,870	$ 277,593	$ 382,384	$ 424,147	$ 856,410	$ 37,423,634

NORTHERN UTILITIES, INC. - NEW HAMPSHIRE DIVISION
2022-23 ANNUAL COG RECONCILIATION
SCHEDULE 4: PURCHASED GAS COSTS
August 2022 - October 2023

Commodity Costs	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23 (1)	Sep-23 (1)	Oct-23 (1)	Total
Emera Energy Services Corp.	$ 519,748	$ 659,612	$ 791,379	$ 910,128	$ 1,190,713	$ 3,734,445	$ 4,140,258	$ 3,050,933	$ 1,223,890	$ 325,881	$ 250,086	$ 184,544				$ 16,981,617
Repsol	$ -	$ -	$ -	$ -	$ -	$ 304,309	$ 353,532	$ 1,292,734	$ 168,398	$ -	$ -	$ -				$ 2,118,972
Shell	$ -	$ -	$ -	$ -	$ 108,899	$ 138,503	$ 82,694	$ 41,940	$ 33,562	$ -	$ -	$ -				$ 405,599
Subtotal - Commodity	$ 519,748	$ 659,612	$ 791,379	$ 910,128	$ 1,299,612	$ 4,177,258	$ 4,576,485	$ 4,385,606	$ 1,425,850	$ 325,881	$ 250,086	$ 184,544				$ 19,506,188
Transportation																
Granite	$ 94	$ 128	$ 187	$ 276	$ 580	$ 714	$ 681	$ 384	$ 166	$ 114	$ 121	$ 117				$ 3,562
Emera	$ 85	$ 62	$ 147	$ 273	$ 476	$ 1,005	$ 1,288	$ 1,070	$ 574	$ 234	$ 262	$ 136				$ 5,611
Emera Energy Services	$ -	$ -	$ -	$ -	$ 1,002	$ 1,489	$ 2,183	$ 1,697	$ 1,207	$ -	$ 21	$ -				$ 7,598
Maritimes	$ -	$ -	$ -	$ -	$ 3,228	$ 12,504	$ 11,988	$ 6,597	$ -	$ 1,345	$ -	$ -				$ 35,662
Tennessee	$ 2,011	$ 1,981	$ 1,900	$ 2,048	$ 1,885	$ 2,395	$ 2,504	$ 2,242	$ 2,500	$ 2,273	$ -	$ 1,758				$ 23,498
Subtotal - Commodity Transportation	$ 2,191	$ 2,171	$ 2,233	$ 2,596	$ 7,171	$ 18,108	$ 18,643	$ 11,989	$ 4,447	$ 3,966	$ 404	$ 2,012				$ 75,931
Commodity Cost Estimates	$ 661,658	$ 793,511	$ 913,628	$ 1,306,565	$ 4,193,175	$ 4,595,661	$ 4,397,492	$ 1,430,220	$ 329,781	$ 256,976	$ 186,638	$ 189,665				$ 19,254,970
Commodity Cost Reversals	$ (521,844)	$ (661,658)	$ (793,511)	$ (913,628)	$ (1,306,565)	$ (4,193,175)	$ (4,595,661)	$ (4,397,492)	$ (1,430,220)	$ (329,781)	$ (256,976)	$ (186,638)				$ (19,587,149)
Subtotal - Estimates	$ 139,814	$ 131,853	$ 120,117	$ 392,937	$ 2,886,610	$ 402,486	$ (198,169)	$ (2,967,272)	$ (1,100,439)	$ (72,805)	$ (70,338)	$ 3,027				$ 39,174,686
Subtotal - Supply	$ 661,753	$ 793,636	$ 913,729	$ 1,305,661	$ 4,193,393	$ 4,597,851	$ 4,396,959	$ 1,430,324	$ 329,858	$ 257,042	$ 180,152	$ 189,583				$ 19,249,940
Withdrawal - Underground Storage	$ 6,688	$ (6,611)	$ -	$ 1,022,132	$ 1,387,988	$ 1,960,161	$ 1,585,232	$ 1,339,656	$ 17	$ 44	$ 3	$ 79				$ 7,295,388
ATV Reconciliation Charges	$ (9,321)	$ 9,405	$ 17,355	$ 29,390	$ 45,029	$ (1,520)	$ 15,595	$ 14,206	$ 11,023	$ -	$ -	$ -				$ 131,163
Off System Sales	$ -	$ -	$ -	$ -	$ (13,270)	$ (353,596)	$ (151,659)	$ (334,058)	$ -	$ -	$ (28,668)	$ -				$ (881,252)
Net OBA Adjustment	$ (395)	$ 29	$ (167)	$ (87)	$ 2,336	$ (659)	$ (8,334)	$ (521)	$ (10,707)	$ 280	$ (154)	$ 196				$ (18,182)
Company Managed	$ -	$ -	$ -	$ -	$ (110,920)	$ (278,560)	$ (237,019)	$ (114,488)	$ (70,938)	$ -	$ -	$ -				$ (811,925)
LNG Withdrawal / Boiloff	$ 2,879	$ 2,527	$ 3,111	$ 2,953	$ 6,979	$ 9,782	$ 127,898	$ 26,523	$ 15,102	$ 15,501	$ 13,271	$ 13,489				$ 240,015
Supplier Balancing	$ 66,654	$ 29,880	$ (12,901)	$ (9,609)	$ (31,366)	$ 246,343	$ 40,613	$ 19,346	$ 20,824	$ 6,065	$ (573)	$ (38,385)				$ 336,891
Inventory Finance Charge	$ 787	$ 1,099	$ 1,599	$ 1,920	$ 2,239	$ 1,966	$ 1,318	$ 1,021	$ 764	$ 811	$ 746	$ 783				$ 15,052
Subtotal - Other Commodity	$ 67,292	$ 36,329	$ 8,997	$ 1,046,699	$ 1,289,016	$ 1,583,915	$ 1,373,644	$ 951,685	$ (33,915)	$ 22,701	$ (15,375)	$ (23,837)				$ 6,307,151
Sales for Resale Estimates	$ -	$ (2,757)	$ -	$ (124,190)	$ (632,156)	$ (388,678)	$ (448,546)	$ (70,938)	$ -	$ (28,668)	$ -	$ (12,626)				$ (1,708,559)
Sales for Resale Reversals	$ -	$ -	$ -	$ -	$ 124,190	$ 632,156	$ 388,678	$ 448,546	$ 70,938	$ -	$ 28,668	$ -				$ 1,693,176
Subtotal - Estimates	$ -	$ (2,757)	$ -	$ (124,190)	$ (507,966)	$ 243,479	$ (59,868)	$ 377,608	$ 70,938	$ (28,668)	$ 28,668	$ (12,626)				$ (15,383)
Total Commodity Costs	$ 729,044	$ 827,208	$ 922,726	$ 2,228,171	$ 4,974,442	$ 6,425,245	$ 5,710,736	$ 2,759,617	$ 366,881	$ 251,074	$ 193,445	$ 153,120	$ 227,237	$ 230,175	$ 541,088	$ 26,540,209
	$ 729,044	$ 827,208	$ 922,725	$ 2,228,171	$ 4,974,442	$ 6,425,245	$ 5,710,736	$ 2,759,617	$ 366,881	$ 251,074	$ 193,445	$ 153,120				

(1) Monthly estimates provided in Table 2 of Northern 's August 2023 Monthly Cost of Gas Report, submitted in DG 22-059 on August 22, 2023.

NORTHERN UTILITIES, INC. - NEW HAMPSHIRE DIVISION
2022-23 ANNUAL COG RECONCILIATION
SCHEDULE 4: PURCHASED GAS COSTS
August 2022 - October 2023

Demand Costs	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Estimated[1] Aug-23	Estimated[1] Sep-23	Estimated[1] Oct-23	Total
Pipeline Reservation																
Algonquin	$ 190,295	$ 190,269	$ 190,271	$ 186,159	$ 57,033	$ 53,095	$ 53,499	$ 66,928	$ 54,081	$ 55,644	$ 55,790	$ 60,375				**$ 1,213,440**
Emera	$ 416,406	$ 400,046	$ 394,187	$ 402,996	$ 476,742	$ 484,517	$ 476,918	$ 476,406	$ 479,269	$ 478,840	$ 490,737	$ 491,628				**$ 5,468,693**
Emera Energy Services LLC	$ -	$ -	$ -	$ -	$ 164,561	$ 169,426	$ 168,834	$ 152,264	$ 168,175	$ 162,419	$ 166,104	$ 149,342				
Granite State	$ 188,943	$ 196,830	$ 196,830	$ 306,887	$ 306,887	$ 306,887	$ 306,887	$ 306,887	$ 306,887	$ 196,206	$ 196,206	$ 196,206				**$ 3,012,542**
Iroquois	$ 14,098	$ 14,098	$ 13,030	$ 13,030	$ 12,989	$ 12,989	$ 12,989	$ 12,989	$ 12,989	$ 12,989	$ 12,989	$ 12,989				**$ 158,170**
Maritimes	$ 41,144	$ 41,144	$ 39,946	$ 31,648	$ 9,110	$ 8,164	$ 8,276	$ 11,489	$ -	$ 8,739	$ 8,811	$ 9,909				
Portland	$ 393,890	$ 393,890	$ 390,838	$ 393,890	$ 490,114	$ 496,507	$ 496,507	$ 477,326	$ 496,507	$ 490,114	$ 496,507	$ 490,114				**$ 5,506,205**
Tennessee	$ 129,546	$ 129,546	$ 129,546	$ 129,546	$ 127,639	$ 127,635	$ 127,639	$ 127,639	$ 127,639	$ 127,634	$ 127,634	$ 127,634				**$ 1,539,275**
Texas Eastern	$ 4,792	$ 4,800	$ 4,800	$ 4,800	$ 4,785	$ 4,781	$ 4,781	$ 4,758	$ (9,366)	$ 3,747	$ 3,747	$ 3,747				**$ 40,171**
Total Pipeline Reservation	$ 1,379,114	$ 1,370,623	$ 1,359,448	$ 1,468,956	$ 1,649,860	$ 1,664,001	$ 1,656,331	$ 1,636,686	$ 1,636,180	$ 1,536,331	$ 1,558,525	$ 1,541,943				**$ 18,458,000**
Product Demand																
Excelon	$ -	$ -	$ -	$ -	$ 147,648	$ 147,648	$ 147,648	$ 147,648	$ 147,648	$ -	$ -	$ -				**$ 738,238**
Repsol	$ 328,660	$ 328,660	$ 328,660	$ 328,660	$ 323,816	$ 323,816	$ 323,816	$ 323,816	$ 323,816	$ 323,816	$ 323,816	$ 323,816				**$ 3,905,164**
Total Product Demand	$ 328,660	$ 328,660	$ 328,660	$ 328,660	$ 471,463	$ 471,463	$ 471,463	$ 471,463	$ 471,463	$ 323,816	$ 323,816	$ 323,816				**$ 4,643,402**
Storage Pipeline Transportation and Demand Reservation																
Emera	$ 97,010	$ 97,010	$ 97,010	$ 97,010	$ 96,702	$ 96,702	$ 96,702	$ 96,702	$ 96,702	$ 169,569	$ 169,569	$ 169,569				**$ 1,380,256**
Tennessee	$ 4,087	$ 4,087	$ 4,087	$ 4,087	$ 4,027	$ 4,027	$ 4,027	$ 4,027	$ 4,027	$ 4,027	$ 4,027	$ 4,027				**$ 48,564**
Total Storage & Demand Reservation	$ 101,096	$ 101,096	$ 101,096	$ 101,096	$ 100,729	$ 100,729	$ 100,729	$ 100,729	$ 100,729	$ 173,596	$ 173,596	$ 173,596				**$ 1,428,820**
Demand Cost Estimates	$ 980,490	$ 963,684	$ 951,775	$ 1,407,376	$ 1,235,337	$ 1,230,630	$ 1,221,376	$ 1,221,574	$ 992,678	$ 948,268	$ 951,958	$ 955,206				**$ 13,060,354**
Demand Cost Reversals	$ (975,293)	$ (980,490)	$ (963,684)	$ (951,775)	$ (1,407,376)	$ (1,235,337)	$ (1,230,630)	$ (1,221,376)	$ (1,221,574)	$ (992,678)	$ (948,268)	$ (951,958)				**$ (13,080,440)**
Subtotal	$ 5,197	$ (16,806)	$ (11,909)	$ 455,600	$ (172,038)	$ (4,707)	$ (9,254)	$ 198	$ (228,896)	$ (44,410)	$ 3,690	$ 3,248				**$ (20,087)**
Capacity Release[2]	$ (1,080,199)	$ (1,074,039)	$ (1,069,744)	$ (1,098,790)	$ (1,126,572)	$ (1,139,944)	$ (1,146,574)	$ (1,129,628)	$ (1,137,824)	$ (1,308,342)	$ (1,320,589)	$ (1,317,871)				**$ (13,950,114)**
Company Managed	$ -	$ (21,575)	$ (10,732)	$ (10,732)	$ (54,664)	$ (55,465)	$ (57,115)	$ (57,115)	$ (51,620)	$ (56,118)	$ (9,597)	$ (9,307)				
Other A&G Allowance	$ -	$ -	$ -	$ 35,756	$ 35,756	$ 35,756	$ 35,756	$ 35,756	$ 35,756	$ -	$ -	$ -				**$ 214,538**
Local Production and Storage Allowance	$ 20,529	$ 20,529	$ 20,529	$ 82,048	$ 82,048	$ 82,048	$ 82,048	$ 82,048	$ 82,048	$ 19,931	$ 19,931	$ 19,931				**$ 613,668**
Conversion & Re-entry Fees	$ -	$ -	$ -	$ (344)	$ (2,815)	$ (18,519)	$ (20,822)	$ (17,691)	$ (4,212)	$ (4,211)	$ (4,210)	$ (4,209)				**$ (77,034)**
Fuel Tax Recovery	$ -	$ -	$ -	$ -	$ 490	$ -	$ -	$ -	$ 495	$ -	$ -	$ -				**$ 986**
Total Indirect Demand Costs	$ (1,059,670)	$ (1,075,085)	$ (1,059,948)	$ (992,062)	$ (1,065,757)	$ (1,096,124)	$ (1,106,706)	$ (1,086,629)	$ (1,075,358)	$ (1,348,739)	$ (1,314,464)	$ (1,311,456)				**$ (13,591,997)**
Estimates - Cap Release & Comp Managed	$ (7,732)	$ (7,732)	$ (7,732)	$ (51,664)	$ (52,465)	$ (54,115)	$ (54,115)	$ (53,003)	$ (53,118)	$ (6,597)	$ (6,307)	$ (6,444)				**$ (361,025)**
Reversals - Cap Release & Comp Managed	$ 7,842	$ 7,732	$ 7,732	$ 7,732	$ 51,664	$ 52,465	$ 54,115	$ 54,115	$ 53,003	$ 53,118	$ 6,597	$ 6,307				**$ 362,423**
Subtotal	**$ 110**	**$ -**	**$ -**	**$ (43,932)**	**$ (800)**	**$ (1,650)**	**$ -**	**$ 1,112**	**$ (114)**	**$ 46,521**	**$ 290**	**$ (137)**				**$ 1,398**
Annual Demand Costs	**$ 754,508**	**$ 708,489**	**$ 717,348**	**$ 1,318,319**	**$ 983,457**	**$ 1,133,712**	**$ 1,112,563**	**$ 1,123,559**	**$ 904,004**	**$ 687,115**	**$ 745,452**	**$ 731,011**	**$ 916,797**	**$ 916,797**	**$ 916,797**	**$ 13,669,926**
Total Gas Costs	$ 1,483,552	$ 1,535,697	$ 1,640,074	$ 3,546,489	$ 5,957,900	$ 7,558,957	$ 6,823,298	$ 3,883,175	$ 1,270,885	$ 938,189	$ 938,897	$ 884,130	$ 1,144,034	$ 1,146,972	$ 1,457,884	**$ 40,210,134**
	$ 733,979	$ 687,960	$ 696,819	$ 1,200,514	$ 865,653	$ 1,015,908	$ 994,759	$ 1,005,754	$ 786,200	$ 667,183	$ 725,520	$ 711,079				
	$ 20,529	**$ 20,529**	**$ 20,529**	**$ 117,804**	**$ 117,804**	**$ 117,804**	**$ 117,804**	**$ 117,804**	**$ 117,804**	**$ 19,931**	**$ 19,931**	**$ 19,931**				
	$ 0	**$ 0**	**$ 0**	**$ 0**	**$ 0**	**$ 0**	**$ (0)**	**$ (0)**	**$ -**	**$ (0)**	**$ 0**	**$ (0)**				

(1) Monthly estimates provided in Table 2 of Northern 's August 2023 Monthly Cost of Gas Report, submitted in DG 22-059 on August 22, 2023.
(2) Includes Asset Management Agreement Revenue

REDACTED

NORTHERN UTILITIES, INC. - NEW HAMPSHIRE DIVISION
2022-23 ANNUAL COG RECONCILIATION
COST OF GAS ADJUSTMENT - FORM III, Schedule 4 - UNITS
August 2022 - October 2023

Indicates Confidential Data

Commodity Volumes:	**Aug-22**	**Sep-22**	**Oct-22**	**Nov-22**	**Dec-22**	**Jan-23**	**Feb-23**	**Mar-23**	**Apr-23**	**May-23**	**Jun-23**	**Jul-23**	Estimated [1] **Aug-23**	**Sep-23**	**Oct-23**	**Total**
Emera Energy Services Corp.	[redacted]															[redacted]
Repsol																
Shell																
Subtotal - Commodity Supply																
Transportation Volumes																
Granite																
Emera																
Emera Energy Services																
Maritimes																
Tennessee																
Subtotal - Commodity Transportation																
Commodity Volume Estimates																
Commodity Volume Reversals																
Subtotal - Estimates																
Subtotal - Supply																
Withdrawal - Underground Storage																
ATV Reconciliation Charges																
Off System Sales																
Net OBA Adjustment																
Company Managed																
LNG Withdrawal / Boiloff																
Supplier Balancing																
Inventory Finance Charge																
Subtotal - Other Commodity																
Sales for Resale Estimates																
Sales for Resale Reversals																
Subtotal - Estimates																
Total Commodity Volumes													109,042	120,812	236,943	[redacted]

(1) Monthly estimates provided in Table 2 of Northern 's August 2023 Monthly Cost of Gas Report, submitted in DG 22-059 on August 22, 2023.

REDACTED

NORTHERN UTILITIES, INC. - NEW HAMPSHIRE DIVISION
2022-23 ANNUAL COG RECONCILIATION
COST OF GAS ADJUSTMENT - FORM III, Schedule 4 - IN COST PER UNIT
August 2022 - October 2023

Indicates Confidential Data

Commodity Costs per Unit:	**Aug-22**	**Sep-22**	**Oct-22**	**Nov-22**	**Dec-22**	**Jan-23**	**Feb-23**	**Mar-23**	**Apr-23**	**May-23**	**Jun-23**	**Jul-23**	**Aug-23**	**Sep-23**	**Oct-23**	**Total**
Emera Energy Services Corp.																
Repsol																
Shell																
Subtotal - Commodity Supply													$ -	$ -	$ -	
Granite																
Emera																
Maritimes																
Tennessee																
Subtotal - Commodity Transportation													n/a	n/a	n/a	
Commodity Cost Estimates																
Commodity Cost Reversals																
Subtotal - Estimates													n/a	n/a	n/a	
Subtotal - Supply																
Withdrawal - Underground Storage																
ATV Reconciliation Charges																
Off System Sales																
Net OBA Adjustment																
Company Managed																
LNG Withdrawal / Boiloff																
Supplier Balancing																
Inventory Finance Charge																
Subtotal - Other Commodity													n/a	n/a	n/a	
Off System Sales Estimates																
Off System Sales Reversals																
Subtotal - Estimates																
Total Commodity Costs per unit													n/a	n/a	n/a	

NORTHERN UTILITIES, INC. - NEW HAMPSHIRE DIVISION
2022-23 ANNUAL COG RECONCILIATION
SCHEDULE 5: PURCHASED AND MADE VOLUMES
August 2022 - October 2023

New Hampshire	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Total
Throughput IN													
BTU Factor	1.03	1.031	1.032	1.034	1.038	1.04	1.04	1.037	1.031	1.031	1.03	1.03	
GST Meter Throughput (MCF)	346,491	373,549	512,525	704,589	981,198	1,014,095	982,711	897,634	604,549	441,957	360,562	323,711	7,543,571
Salem Meter (MCF)	12,613	15,456	25,356	42,368	70,296	72,318	73,085	64,676	33,384	19,838	15,503	13,456	458,349
GST Meter Throughpurt (DTH)	356,886	385,129	528,926	728,545	1,018,484	1,054,659	1,022,019	930,846	623,290	455,658	371,379	333,422	7,809,243
Salem Meter (DTH)	12,991	15,935	26,167	43,809	72,967	75,211	76,008	67,069	34,419	20,453	15,968	13,860	474,857
LNG/Propane													-
Total Throughput	369,877	401,064	555,093	772,354	1,091,451	1,129,870	1,098,028	997,915	657,709	476,111	387,347	347,282	8,284,100
Throughput OUT													
Residential Gas													
Charged	31,814	35,267	61,546	96,916	218,491	304,937	307,644	279,770	175,816	98,259	51,802	37,814	1,700,076
Uncharged Current	17,409	17,822	39,142	131,090	144,144	162,617	130,561	112,878	88,653	50,619	26,581	19,316	940,832
Uncharged Prior	(19,923)	(17,409)	(17,822)	(39,142)	(131,090)	(144,144)	(162,617)	(130,561)	(112,878)	(88,653)	(50,619)	(26,581)	(941,439)
Total Residential Gas	**29,300**	**35,680**	**82,866**	**188,864**	**231,545**	**323,410**	**275,588**	**262,087**	**151,591**	**60,225**	**27,764**	**30,549**	1,699,469
Interruptible				-	-	-	-	-	-	-	-	-	-
Commercial/Industrial Gas													
Charged	55,212	62,246	88,664	132,508	253,817	342,461	353,048	323,573	190,787	111,247	64,944	50,713	2,029,220
Uncharged Current	30,214	31,455	56,389	134,302	159,263	181,735	149,738	136,614	100,124	57,309	33,325	25,905	1,096,373
Uncharged Prior	(30,976)	(30,214)	(31,455)	(56,389)	(134,302)	(159,263)	(181,735)	(149,738)	(136,614)	(100,124)	(57,309)	(33,325)	(1,101,444)
Total C/I Gas	**54,450**	**63,487**	**113,598**	**210,421**	**278,778**	**364,933**	**321,051**	**310,449**	**154,297**	**68,432**	**40,960**	**43,293**	2,024,149
Transportation													
Charged	273,883	280,508	320,899	362,615	439,182	496,849	483,841	460,790	391,542	336,284	286,509	269,626	4,402,528
Uncharged Current	95,392	91,844	141,203	215,258	201,139	207,008	164,416	164,161	162,175	127,091	100,310	91,393	1,761,390
Uncharged Prior	(88,983)	(95,392)	(91,844)	(141,203)	(215,258)	(201,139)	(207,008)	(164,416)	(164,161)	(162,175)	(127,091)	(100,310)	(1,758,980)
Total Transportation	**280,292**	**276,960**	**370,258**	**436,670**	**425,063**	**502,718**	**441,249**	**460,535**	**389,556**	**301,200**	**259,728**	**260,709**	**4,404,938**
Company Use	**136**	**95**	**63**	**70**	**167**	**300**	**325**	**290**	**212**	**119**	**49**	**60**	**1,887**
Total Throughput OUT	**364,178**	**376,222**	**566,785**	**836,025**	**935,553**	**1,191,361**	**1,038,213**	**1,033,361**	**695,656**	**429,976**	**328,501**	**334,611**	**8,130,443**
Total Throughput IN	**369,877**	**401,064**	**555,093**	**772,354**	**1,091,451**	**1,129,870**	**1,098,028**	**997,915**	**657,709**	**476,111**	**387,347**	**347,282**	**8,284,100**
Difference IN/OUT	5,699	24,842	(11,692)	(63,671)	155,898	(61,492)	59,815	(35,446)	(37,947)	46,134	58,846	12,671	153,657
%													1.85%

Attachment A

NORTHERN UTILITIES, INC. - NEW HAMPSHIRE DIVISION
DEFERRED WORKING CAPITAL ALLOWANCE ON PURCHASED GAS COSTS
August 2022 - October 2023

ANNUAL BALANCE SEASON - Acct 173

	BEGINNING BALANCE	WORKING CAP ALLOWANCE (1)	WORKING CAP PERCENTAGE	WORKING CAP COLLECTIONS	WORKING CAP DEFERRED	ENDING BALANCE	AVE MONTHLY BALANCE	INTEREST RATE	INTEREST	ENDING BAL W/ INTEREST
	A	B	C	D	E = B + D	F = A + E	G = (A + F) / 2	H	I = G * (H / 12)	K = F + I + J
August 2022	$ 6,302									
Adjustment	$ 21									
August 2022	$ 6,324	1,507	0.1016%	(227)	1,280	7,604	6,964	4.00%	23	7,627
September	$ 7,627	1,560	0.1016%	(228)	1,332	8,959	8,293	4.00%	28	8,987
October	$ 8,987	2,293	0.1398%	(531)	1,762	10,749	9,868	5.50%	45	10,794
November	$ 10,794	4,958	0.1398%	(7,327)	(2,369)	8,425	9,610	5.50%	44	8,469
December	$ 8,469	8,329	0.1398%	(10,817)	(2,488)	5,981	7,225	5.50%	33	6,014
January 2023	$ 6,014	13,447	0.1779%	(14,273)	(826)	5,188	5,601	7.00%	33	5,221
February	$ 5,221	12,139	0.1779%	(13,160)	(1,022)	4,199	4,710	7.00%	27	4,226
March	$ 4,226	6,908	0.1779%	(11,320)	(4,411)	(185)	2,021	7.00%	12	(173)
April	$ (173)	2,502	0.1969%	(6,394)	(3,892)	(4,065)	(2,119)	7.75%	(14)	(4,079)
May	$ (4,079)	*1,847*	0.1969%	*(1,860)*	(13)	(4,092)	(4,085)	7.75%	(26)	(4,118)
June	$ (4,118)	*1,849*	0.1969%	*(983)*	866	(3,252)	(3,685)	7.75%	(24)	(3,276)
July	$ (3,276)	*1,853*	0.2096%	*(980)*	873	(2,402)	(2,839)	8.25%	(20)	(2,422)
Estimated August	$ (2,422)	*1,910*	0.2096%	*(950)*	960	(1,462)	(1,942)	8.25%	(13)	(1,475)
Estimated September	$ (1,475)	*1,950*	0.2096%	*(1,010)*	940	(535)	(1,005)	8.25%	(7)	(542)
Estimated October	$ (542)	*2,000*	0.2160%	*(1,200)*	800	258	(142)	8.50%	(1)	257

(1) Working Capital Allowance calculated by taking monthly Total Gas Costs from Schedule 4, Page 2, and multiplying by (9.30/366)* prime interest rate.

Winter Season Sales Percentage		82.38%
Summer Season Sales Percentage		17.62%
Reconciliation Allocated to Winter Season	$	212
Reconciliation Allocated to Summer Season	$	45

Attachment B

NORTHERN UTILITIES, INC. - NEW HAMPSHIRE DIVISION
BAD DEBT EXPENSE - CALCULATION OF COLLECTION ALLOWANCE
August 2022 - October 2023

ANNUAL BALANCE- Acct 173

	BEGINNING BALANCE	ACUTAL BAD DEBT	BAD DEBT COLLECTIONS	DEFERRED BALANCE	ENDING BALANCE	AVE MO BALANCE	INTEREST RATE	INTEREST	END BAL W/ INTEREST
	A	B	C	D = B + C	E = A + D	F = (A + E) / 2	G	H = (F *G) / 12	J = E + H + I
August 2022	($53,152)	17,008	53	17,061	(36,091)	(44,622)	4.00%	(149)	(36,240)
September	($36,240)	27,539	62	27,600	(8,639)	(22,440)	4.00%	(75)	(8,714)
October	($8,714)	13,618	138	13,756	5,042	(1,836)	5.50%	(8)	5,033
November	$5,033	7,329	(10,700)	(3,371)	1,663	3,348	5.50%	15	1,678
December	$1,678	11,806	(15,969)	(4,164)	(2,486)	(404)	5.50%	(2)	(2,488)
January 2023	($2,488)	12,501	(21,071)	(8,570)	(11,058)	(6,773)	7.00%	(40)	(11,097)
February	($11,097)	9,274	(19,428)	(10,154)	(21,252)	(16,175)	7.00%	(94)	(21,346)
March	($21,346)	(302)	(16,711)	(17,013)	(38,360)	(29,853)	7.00%	(174)	(38,534)
April	($38,534)	2,629	(9,437)	(6,808)	(45,342)	(41,938)	7.75%	(271)	(45,613)
May	($45,613)	16,762	(2,672)	14,090	(31,523)	(38,568)	7.75%	(249)	(31,772)
June	($31,772)	14,043	(1,471)	12,573	(19,199)	(25,485)	7.75%	(165)	(19,364)
July	($19,364)	10,010	(1,463)	8,546	(10,817)	(15,091)	8.25%	(104)	(10,921)
Estimated August	($10,921)	12,500	(850)	11,650	729	(5,096)	8.25%	(35)	694
Estimated September	$694	12,500	(875)	11,625	12,319	6,506	8.25%	45	12,364
Estimated October	$12,364	12,500	(1,000)	11,500	23,864	18,114	8.50%	128	23,992

Winter Season Allocation		92.00%
Summer Season Allocation		8.00%
Reconciliation Allocated to Winter Season	$	22,073
Reconciliation Allocated to Summer Season	$	1,919

Attachment C

Northern Utilities, Inc. - New Hampshire Division
Environmental Response Costs
May 2022 - October 2023

		Beginning Balance		Firm Sales and Transportation (therms)	ERC Rate Recoveries /Passback		Current ERC Recoveries/ Passbacks	Ending Balance
May 2022	(act)	$ 138,795			$ 0.0056		$ 26,265	$ 112,529.85
June 2022	(act)	$ 112,530			$ 0.0056		$ 16,612	$ 95,917.63
July 2022	(act)	$ 95,918			$ 0.0056		$ 14,181	$ 81,736.95
August 2022	(act)	$ 81,737			$ 0.0056		$ 14,629	$ 67,108.20
September 2022	(act)	$ 67,108			$ 0.0056		$ 15,633	$ 51,475.70
October 2022	(act)	$ 51,476			$ 0.0056		$ 20,851	$ 30,624.67
November 2022	(act)	$ 454,109	(1)		$ 0.0057	(2)	$ 28,483	$ 425,626.83
December 2022	(act)	$ 425,627			$ 0.0058		$ 47,084	$ 378,542.37
January 2023	(act)	$ 378,542			$ 0.0058		$ 60,350	$ 318,192.70
February 2023	(act)	$ 318,193			$ 0.0058		$ 60,821	$ 257,371.33
March 2023	(act)	$ 257,371			$ 0.0058		$ 55,956	$ 201,415.31
April 2023	(act)	$ 201,415			$ 0.0058		$ 38,059	$ 163,356.24
May 2023	(act)	$ 163,356			$ 0.0058		$ 26,458	$ 136,898.30
June 2023	(act)	$ 136,898			$ 0.0058		$ 18,124	$ 118,774.55
July 2023	(act)	$ 118,775			$ 0.0058		$ 15,524	$ 103,250.53
August 2023	(est)	$ 103,251		2,655,550	$ 0.0058		$ 15,402	$ 87,848
September 2023	(est)	$ 87,848		2,806,015	$ 0.0058		$ 16,275	$ 71,573
October 2023	(est)	$ 71,573		3,476,822	$ 0.0058		$ 20,166	$ 51,408

(1) November Beginning Balance includes $423,485 amortization from all prior years at 1/7 of annual costs. (See Section 4.7 of Tariff.)

(2) November Current ERC Recoveries/Passbacks reflect an Average ERC Rate based on actual Firm Sales and Transportation (therms) at $0.0056 and actual Firm Sales and Transportation (therms) at $0.0061.

Attachment D

NORTHERN UTILITIES
NEW HAMPSHIRE DIVISION
GAP Reconciliation (1)
May 2022 - October 2023

		Beginning Balance	Program Costs	Regulatory Assessments	GAP Recoveries	Ending Balance	Average Monthly Balance	Interest Rate	Interest	Ending Balance w/Interest
		A	B	C	D	E = A+B+C-D	F = (A+E)/2	G	H = F*(G/12)	I = E+H
May 2022	Actual	$ 52,371	$ 23,931	$ -	$ 19,779	$ 56,523	$ 54,447	3.25%	$ 147	$ 56,671
June 2022	Actual	$ 56,671	$ -	$ -	$ 9,792	$ 46,879	$ 51,775	3.25%	$ 140	$ 47,019
July 2022	Actual	$ 47,019	$ -	$ -	$ 8,335	$ 38,684	$ 42,852	4.00%	$ 143	$ 38,827
August 2022	Actual	$ 38,827	$ 475	$ (106,953) (2)	$ 8,631	$ (76,282)	$ (18,728)	4.00%	$ (2,696)	$ (78,978)
September 2022	Actual	$ (78,978)	$ (14)	$ -	$ 9,211	$ (88,204)	$ (83,591)	4.00%	$ (279)	$ (88,482)
October 2022	Actual	$ (88,482)	$ 61	$ -	$ 12,275	$ (100,696)	$ (94,589)	5.50%	$ (434)	$ (101,130)
November 2022	Actual	$ (101,130)	$ 15,833	$ -	$ 17,783	$ (103,080)	$ (102,105)	5.50%	$ (468)	$ (103,548)
December 2022	Actual	$ (103,548)	$ 53,614	$ -	$ 30,038	$ (79,972)	$ (91,760)	5.50%	$ (421)	$ (80,392)
January 2023	Actual	$ (80,392)	$ 78,188	$ -	$ 38,499	$ (40,704)	$ (60,548)	7.00%	$ (353)	$ (41,057)
February 2023	Actual	$ (41,057)	$ 78,495	$ -	$ 38,800	$ (1,361)	$ (21,209)	7.00%	$ (124)	$ (1,485)
March 2023	Actual	$ (1,485)	$ 104,092	$ -	$ 35,698	$ 66,909	$ 32,712	7.00%	$ 191	$ 67,100
April 2023	Actual	$ 67,100	$ 70,089	$ -	$ 24,278	$ 112,911	$ 90,005	7.75%	$ 581	$ 113,492
May 2023	Actual	$ 113,492	$ 48,482	$ -	$ 16,867	$ 145,107	$ 129,300	7.75%	$ 835	$ 145,942
June 2023	Actual	$ 145,942	$ 1,072	$ -	$ 11,553	$ 135,461	$ 140,702	7.75%	$ 909	$ 136,369
July 2023	Actual	$ 136,369	$ (203)	$ -	$ 9,903	$ 126,263	$ 131,316	8.25%	$ 903	$ 127,166
August 2023	Est.	$ 127,166	$ -	$ -	$ 9,826	$ 117,341	$ 122,254	8.25%	$ 840	$ 118,181
September 2023	Est.	$ 118,181	$ -	$ -	$ 10,382	$ 107,799	$ 112,990	8.25%	$ 777	$ 108,576
October 2023	Est.	$ 108,576	$ -	$ -	$ 12,864	$ 95,712	$ 102,144	8.25%	$ 702	$ 96,414

(1) RLIAP renamed GAPRA and subsequently renamed GAP when Regulatory Assessments were removed to the RAAM.

Attachment E
Page 1 of 2

NORTHERN UTILITIES, INC. - NEW HAMPSHIRE DIVISION
SALES VARIANCE ANALYSIS

	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	TOTAL
Forecast Bill Month Sales	100,593	108,572	157,888	326,939	593,095	749,255	781,107	658,414	441,931	247,972	143,812	105,855	4,415,433
Actual Sales	87,026	97,513	150,209	229,424	472,308	647,398	660,691	603,343	366,603	209,507	116,746	88,527	3,729,295
Difference	(13,566)	(11,059)	(7,679)	(97,515)	(120,788)	(101,857)	13,698	(55,070)	(75,328)	(38,466)	(27,067)	(17,327)	(686,138)
Normal Bill Month Actual Sales	87,026	97,513	135,883	256,717	473,677	701,414	696,207	600,184	383,399	213,026	116,746	88,528	3,850,319
Actual Sales	87,026	97,513	150,209	229,424	472,308	647,398	660,691	603,343	366,603	209,507	116,746	88,527	3,729,295
Weather Variance	(0)	0	(14,326)	27,293	1,369	54,016	35,515	(3,159)	16,796	3,519	(0)	0	121,024
Total Variance Excluding Weather (excl weather effect)	(13,566)	(11,059)	(22,005)	(70,222)	(119,419)	(47,842)	49,213	(58,229)	(58,532)	(34,946)	(27,067)	(17,327)	(565,114)
Variance-difference due to meter count													(12,865)
-difference in load pattern													(552,249)
Total Sales Variance													(565,114)

NORTHERN UTILITIES, INC. - NEW HAMPSHIRE DIVISION
SALES VARIANCE ANALYSIS

	NORMAL MMBtu			METERS		
	2022-23 Forecast	2022-23 Actual	Difference	2022-23 Forecast	2022-23 Actual	Difference
Res Heat	2,017,597	1,735,701	(281,896)	335,018	335,023	5
Res General	23,570	22,688	(882)	15,111	15,079	(32)
Total Res	2,041,167	1,758,389	(282,778)	350,129	350,102	(27)
G-40	969,704	834,505	(135,199)	55,418	56,145	727
G-50	153,134	138,916	(14,218)	9,186	8,776	(410)
G-41	719,913	652,787	(67,126)	5,132	4,482	(650)
G-51	270,271	236,358	(33,913)	1,828	1,700	(128)
G-42	185,006	161,409	(23,597)	129	159	30
G-52	76,237	67,955	(8,282)	30	48	18
Total C & I	2,374,266	2,091,930	(282,336)	71,722	71,310	(412)
Total Company	4,415,433	3,850,319	(565,114)	421,851	421,412	(439)

	NORMAL AVERAGE USE			Change in Sales Due to Change In:		Total Chg	%
	2022-23 Forecast	2022-23 Actual	Difference	Meter Count	Load Pattern	MMBtu	Difference
Res Heat	6.02	5.18	(0.84)	30	(281,926)	(281,896)	-13.97%
Res General	1.56	1.50	(0.06)	(50)	(832)	(882)	-3.74%
Total Res	7.58	6.69	(0.90)	(20)	(282,759)	(282,778)	-13.85%
G-40	17.50	14.86	(2.63)	12,722	(147,921)	(135,199)	-13.94%
G-50	16.67	15.83	(0.84)	(6,840)	(7,378)	(14,218)	-9.28%
G-41	140.28	145.65	5.37	(91,179)	24,053	(67,126)	-9.32%
G-51	147.87	139.03	(8.84)	(18,892)	(15,021)	(33,913)	-12.55%
G-42	1,437.61	1,015.15	(422.46)	43,574	(67,172)	(23,597)	-12.75%
G-52	2,583.50	1,415.74	(1,167.76)	47,770	(56,052)	(8,282)	-10.86%
Total C & I	33.10	29.34	(3.77)	(12,845)	(269,490)	(282,336)	-11.89%
Total Company	10.47	9.14	(1.33)	(12,865)	(552,249)	(565,114)	-12.80%

Northern Utilities, Inc.
Winter and Summer Season Reconciliations

Section A

April 30, 2023 COG Balance - All Components

1	Actual Ending Balance	-$4,797,256	Sum of Schedule 2, Atts A & B
2	Target Ending Balance	-$4,229,669	Table 3 - Monthly COG Reports
3			
4	Total Over-collection - All Components	-$567,587	LN 2 - LN 1
5	Less Working Capital Balance	-$4,079	Attachment A
6	Less Bad Debt Balance	-$45,613	Attachment B
7			
8	Demand & Commodity Over-collection	-$517,896	LN 4 - Ln 5 - LN 6
9			
10	AMA Adjustment - Allocation to Winter	-$863,886	LN 26
11			
12	Interest	$5,918	LN 20 - Section B October
13			
14	Calculated Winter Ending Balance	-$1,375,864	LN 8 + LN 10 + LN 12
15			
16	Annual Reconciliation Balance	-$1,077,140	Schedule 1
17			
18	Summer Reconciliation Balance	$298,724	LN 16 - LN 14
19			
20	Monthly AMA Revenue		
21	April 22 to March 23	-$714,232	Annual Revenue / 12
22	April 23 to March 24	-$858,213	Annual Revenue / 12
23			
24	Monthly Increase in AMA Revenue	-$143,981	LN 22- LN 21
25			
26	AMA revenue Impact May to Oct	-$863,886	LN 24 * 6

Section B
AMA Adjustment & Interest

	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Total
Starting balance	$0.00	-$929.88	-$1,865.76	-$2,868.46	-$3,878.05	-$4,894.58	
AMA Adjustment	-$143,981.05	-$143,981.05	-$143,981.05	-$143,981.05	-$143,981.05	-$143,981.05	-863,886.32
AMA Plus Interest	$0	-$144,911	-$145,847	-$146,850	-$147,859	-$148,876	
Interest Rate	7.75%	7.75%	8.25%	8.25%	8.25%	8.25%	
Monthly Interest	-$929.88	-$935.88	-$1,002.70	-$1,009.59	-$1,016.53	-$1,023.52	-5,918.10
Ending Interest	-$929.88	-$1,865.76	-$2,868.46	-$3,878.05	-$4,894.58	-$5,918.10	

Northern Utilities Inc.
Calculation of Bad Debt Expense

1	**Actual Bad Debt Expense 12 Months Ended July 31, 2023**				
2					
3	Total		$ 339,568		Company Analysis
4	Distribution		$ 197,351		Company Analysis
5	Distribution (%)		58.12%		LN 4 / LN 3
6	Non-Distribution		$ 142,217		Company Analysis
7	Non-Distribution(%)		41.88%		LN 6 / LN 3
8					
9	Winter Demand Cost %		86.96%		Attachment NUI-CAK-2, LN 80
10	Summer Demand Cost %		13.04%		Attachment NUI-CAK-2, LN 80
11					
12	**Forecast Bad Debt Expense 12 Months Ended December 31, 2024**				*
13					
14	Annual Total		$ 375,000		Company Forecast
15	Annual Non-Distribution		$ 157,056		LN 14 * LN 7
16	Winter Non-Distribution		**$ 136,573**		LN 15 * LN 9
17	Summer Non-Distribution		**$ 20,484**		LN 15 * LN 10

Northern Utilities
NEW HAMPSHIRE (Over) / Undercollection Analysis, Balances and Interest Calculation

			Winter						Summer					
	Sales Revenues		(Forecast)	(Forecast)	(Forecast)	(Forecast)	(Forecast)	(Forecast)	(Forecast)	(Forecast)	(Forecast)	(Forecast)	(Forecast)	(Forecast)
1	Volumes	Oct-23	Nov-23	Dec-23	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24
2	Residential Heat & Non Heat		2,125,956	3,109,808	3,620,784	3,145,375	2,671,575	1,527,106	583,664	377,706	322,728	326,289	364,019	732,552
3	Sales HLF Classes		325,460	476,077	554,302	481,522	408,988	233,783	401,266	259,671	221,874	224,323	250,261	503,626
4	Sales LLF Classes		1,878,057	2,747,186	3,198,579	2,778,605	2,360,053	1,349,036	536,096	346,923	296,426	299,697	334,352	672,850
5	Total		4,329,473	6,333,071	7,373,664	6,405,502	5,440,616	3,109,925	1,521,025	984,300	841,027	850,309	948,632	1,909,028
6	Rates													
7	Residential Heat & Non Heat CGA		$0.7282	$0.7282	$0.7282	$0.7282	$0.7282	$0.7282	$0.5117	$0.5117	$0.5117	$0.5117	$0.5117	$0.5117
8	Sales HLF Classes CGA		$0.6587	$0.6587	$0.6587	$0.6587	$0.6587	$0.6587	$0.4443	$0.4443	$0.4443	$0.4443	$0.4443	$0.4443
9	Sales LLF Classes CGA		$0.7402	$0.7402	$0.7402	$0.7402	$0.7402	$0.7402	$0.5622	$0.5622	$0.5622	$0.5622	$0.5622	$0.5622
10	Revenues													
11	Residential Heat & Non Heat		$ (1,548,121)	$ (2,264,563)	$ (2,636,655)	$ (2,290,462)	$ (1,945,441)	$ (1,112,039)	$ (298,661)	$ (193,272)	$ (165,140)	$ (166,962)	$ (186,269)	$ (374,847)
12	Sales HLF Classes		$ (214,381)	$ (313,592)	$ (365,118)	$ (317,178)	$ (269,401)	$ (153,993)	$ (178,283)	$ (115,372)	$ (98,579)	$ (99,667)	$ (111,191)	$ (223,761)
13	Sales LLF Classes		$ (1,390,137)	$ (2,033,467)	$ (2,367,588)	$ (2,056,724)	$ (1,746,911)	$ (998,557)	$ (301,393)	$ (195,040)	$ (166,651)	$ (168,490)	$ (187,973)	$ (378,276)
14	Total Sales		$ (3,152,639)	$ (4,611,621)	$ (5,369,361)	$ (4,664,364)	$ (3,961,753)	$ (2,264,588)	$ (778,336)	$ (503,684)	$ (430,369)	$ (435,119)	$ (485,432)	$ (976,884)
15														
16			Winter						Summer					
17	**Gas Costs and Credits**		(Forecast)	(Forecast)	(Forecast)	(Forecast)	(Forecast)	(Forecast)	(Forecast)	(Forecast)	(Forecast)	(Forecast)	(Forecast)	(Forecast)
18		Oct-23	Nov-23	Dec-23	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24
19	Demand Costs (net of Capacity Assignment)													
20	Pipeline		$ 305,595	$ 305,595	$ 297,310	$ 297,310	$ 297,310	$ 547,694	$ 547,694	$ 547,694	$ 547,694	$ 547,694	$ 538,881	$ 538,881
21	Storage		$ 944,617	$ 944,617	$ 944,617	$ 944,617	$ 944,617	$ 944,617	$ 943,112	$ 943,112	$ 943,112	$ 943,112	$ 943,112	$ 943,112
22	On-system Peaking		$ 290,051	$ 290,051	$ 290,051	$ 290,051	$ 290,051	$ 132,428	$ 41,750	$ 41,750	$ 41,750	$ 41,750	$ 41,750	$ 41,750
23	Off-System Peaking		$ 104,459	$ 104,459	$ 104,459	$ 104,459	$ 104,459	$ -	$ -	$ -	$ -	$ -	$ -	$ -
24	Total Demand Costs		$ 1,644,722	$ 1,644,722	$ 1,636,437	$ 1,636,437	$ 1,636,437	$ 1,624,739	$ 1,532,556	$ 1,532,556	$ 1,532,556	$ 1,532,556	$ 1,523,743	$ 1,523,743
25														
26	Asset Management and Capacity Release													
27	NUI AMA Revenue		$ (2,164,517)	$ (2,164,517)	$ (2,164,517)	$ (2,164,517)	$ (2,164,517)	$ (2,164,517)	$ (2,164,517)	$ (2,164,517)	$ (2,164,517)	$ (2,164,517)	$ (2,164,517)	$ (2,164,517)
28	NUI Capacity Release								$ -	$ -	$ -	$ -	$ -	$ -
29	NUI AMA Rev & Cap. Release Subtotal													
30	NH AMA Revenue		$ (858,213)	$ (858,213)	$ (858,213)	$ (858,213)	$ (858,213)	$ (858,213)	$ (858,213)	$ (858,213)	$ (858,213)	$ (858,213)	$ (858,213)	$ (858,213)
31	NH Capacity Release													
32	NH Total Asset Management and Capacity Release		$ (858,213)	$ (858,213)	$ (858,213)	$ (858,213)	$ (858,213)	$ (858,213)	$ (858,213)	$ (858,213)	$ (858,213)	$ (858,213)	$ (858,213)	$ (858,213)
33														
34	Re-entry Rate & Conversion Rate Revenue		$ (4,167)	$ (4,167)	$ (4,167)	$ (4,167)	$ (4,167)		$ -	$ -	$ -	$ -	$ -	$ -
35														
36	Net Demand Costs		$ 782,342	$ 782,342	$ 774,057	$ 774,057	$ 774,057	$ 766,526	$ 674,343	$ 674,343	$ 674,343	$ 674,343	$ 665,529	$ 665,529
37														
38	NUI Commodity Costs													
39	NUI Total Pipeline Volumes		1,206,814	776,970	723,894	677,191	568,894	968,631	507,876	343,509	319,203	322,747	347,012	593,569
40	Pipeline Costs Modeled in Sendout™		$ 3,259,675	$ 3,439,438	$ 4,470,111	$ 4,053,327	$ 2,102,517	$ 2,625,100	$ 1,245,374	$ 829,905	$ 784,411	$ 800,585	$ 791,384	$ 1,490,203
41	NYMEX Price Used for Forecast		$ 2.9910	$ 3.4530	$ 3.7060	$ 3.6340	$ 3.3280	$ 3.0520	$ 3.0510	$ 3.1610	$ 3.2790	$ 3.3200	$ 3.3020	$ 3.3950
42	NYMEX Price Used for Update		$ 2.9910	$ 3.4530	$ 3.7060	$ 3.6340	$ 3.3280	$ 3.0520	$ 3.0510	$ 3.1610	$ 3.2790	$ 3.3200	$ 3.3020	$ 3.3950
43	Increase/(Decrease) NYMEX Price		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
44	Increase/(Decrease) in Pipeline Costs		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
45	Updated Pipeline Costs		$ 3,259,675	$ 3,439,438	$ 4,470,111	$ 4,053,327	$ 2,102,517	$ 2,625,100	$ 1,245,374	$ 829,905	$ 784,411	$ 800,585	$ 791,384	$ 1,490,203
46	New Hampshire Allocated Percentage		36.08%	37.46%	37.48%	37.09%	35.77%	32.28%	30.06%	28.71%	26.39%	26.39%	27.39%	32.29%
47	NH Updated Pipeline Costs		$ 1,176,142	$ 1,288,500	$ 1,675,371	$ 1,503,215	$ 752,092	$ 847,363	$ 374,309	$ 238,280	$ 206,968	$ 211,235	$ 216,786	$ 481,244
48														
49	NH Peaking Volumes		6,495	334,434	1,034,878	490,916	337,633	5,810						
50	NH Peaking Costs Modeled in Sendout		$ 24,212	$ 1,002,116	$ 3,079,730	$ 1,473,923	$ 1,006,667	$ 11,988	$ 9,064	$ 7,627	$ 6,613	$ 6,613	$ 5,564	$ 6,352
51	Change in NYMEX Price		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
52	Change in Peaking Costs		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
53	NH Updated Peaking Costs		$ 24,212	$ 1,002,116	$ 3,079,730	$ 1,473,923	$ 1,006,667	$ 11,988	$ 9,064	$ 7,627	$ 6,613	$ 6,613	$ 5,564	$ 6,352
54														
55	NH Commodity Costs													
56	Pipeline		$ 1,176,142	$ 1,288,500	$ 1,675,371	$ 1,503,215	$ 752,092	$ 847,363	$ 374,309	$ 238,280	$ 206,968	$ 211,235	$ 216,786	$ 481,244
57	Storage		$ -	$ 822,493	$ 952,902	$ 893,145	$ 802,607	$ -	$ -	$ -	$ -	$ -	$ -	$ -
58	Peaking		$ 24,212	$ 1,002,116	$ 3,079,730	$ 1,473,923	$ 1,006,667	$ 11,988	$ 9,064	$ 7,627	$ 6,613	$ 6,613	$ 5,564	$ 6,352
59	Total Commodity Costs		$ 1,200,354	$ 3,113,110	$ 5,708,003	$ 3,870,283	$ 2,561,367	$ 859,351	$ 383,373	$ 245,907	$ 213,580	$ 217,848	$ 222,350	$ 487,595
60	Inventory Finance Charge		$ 1,082	$ 1,691	$ 2,012	$ 1,730	$ 1,416	$ 708	$ -	$ -	$ -	$ -	$ -	$ -
61														
62	**Total Anticipated Direct Cost of Gas**		$ 1,983,778	$ 3,897,143	$ 6,484,072	$ 4,646,070	$ 3,336,840	$ 1,626,585	$ 1,057,716	$ 920,250	$ 887,923	$ 892,191	$ 887,879	$ 1,153,125

Northern Utilities
NEW HAMPSHIRE (Over) / Undercollection Anal

	Sales Revenues			Prior	
1	Volumes	Winter	Summer	Period	Total
2	Residential Heat & Non Heat				18,907,563
3	Sales HLF Classes				4,341,153
4	Sales LLF Classes				16,797,859
5	Total	32,992,252	7,054,322		40,046,575
6	Rates				
7	Residential Heat & Non Heat CGA				
8	Sales HLF Classes CGA				
9	Sales LLF Classes CGA				
10	Revenues				
11	Residential Heat & Non Heat				$ (13,182,431)
12	Sales HLF Classes				$ (2,460,514)
13	Sales LLF Classes				$ (11,991,206)
14	Total Sales	$ (24,024,327)	$ (3,609,824)		$ (27,634,151)
15					
16					
17	**Gas Costs and Credits**				
18					Total
19	Demand Costs (net of Capacity Assignment)				
20	Pipeline	$ 2,050,814	$ 3,268,536		$ 5,319,350
21	Storage	$ 5,667,701	$ 5,658,670		$ 11,326,371
22	On-system Peaking	$ 1,582,685	$ 250,502		$ 1,833,187
23	Off-System Peaking	$ 522,295	$ -		$ 522,295
24	Total Demand Costs	$ 9,823,495	$ 9,177,709		$ 19,001,203
25					
26	Asset Management and Capacity Release				
27	NUI AMA Revenue				$ (25,974,200)
28	NUI Capacity Release				$ -
29	NUI AMA Rev & Cap. Release Subtotal				$ -
30	NH AMA Revenue				$ (10,298,558)
31	NH Capacity Release				$ -
32	NH Total Asset Management and Capacity Release		$ -	$ -	$ (10,298,558)
33					
34	Re-entry Rate & Conversion Rate Revenue	$ (25,000)	$ -		$ (25,000)
35					
36	Net Demand Costs	$ 4,653,382	$ 4,028,430		$ 8,681,812
37					
38	NUI Commodity Costs				
39	NUI Total Pipeline Volumes				
40	Pipeline Costs Modeled in Sendout™				
41	NYMEX Price Used for Forecast				
42	NYMEX Price Used for Update				
43	Increase/(Decrease) NYMEX Price				
44	Increase/(Decrease) in Pipeline Costs				
45	Updated Pipeline Costs				
46	New Hampshire Allocated Percentage				
47	NH Updated Pipeline Costs				$ 8,971,505
48					
49	NH Peaking Volumes				
50	NH Peaking Costs Modeled in Sendout				
51	Change in NYMEX Price				
52	Change in Peaking Costs				
53	NH Updated Peaking Costs				
54					
55	NH Commodity Costs				
56	Pipeline				$ 8,971,505
57	Storage				$ 3,471,147
58	Peaking				$ 6,640,469
59	Total Commodity Costs	$ 17,312,467	$ 1,770,654		$ 19,083,121
60	Inventory Finance Charge	$ 8,639	$ -		$ 8,639
61					
62	**Total Anticipated Direct Cost of Gas**	$ 21,974,488	$ 5,799,084		$ 27,773,572

Northern Utilities
NEW HAMPSHIRE (Over) / Undercollection Analysis, Balances and Interest Calculation

		Winter						Summer					
	Oct-23	(Forecast) Nov-23	(Forecast) Dec-23	(Forecast) Jan-24	(Forecast) Feb-24	(Forecast) Mar-24	(Forecast) Apr-24	(Forecast) May-24	(Forecast) Jun-24	(Forecast) Jul-24	(Forecast) Aug-24	(Forecast) Sep-24	(Forecast) Oct-24
Working Capital													
Total Anticipated Direct Cost of Gas		$ 1,983,778	$ 3,897,143	$ 6,484,072	$ 4,646,070	$ 3,336,840	$ 1,626,585	$ 1,057,716	$ 920,250	$ 887,923	$ 892,191	$ 887,879	$ 1,153,125
Working Capital Percentage		0.1398%	0.14%	0.14%	0.14%	0.14%	0.14%	0.14%	0.14%	0.14%	0.14%	0.14%	0.14%
Working Capital Allowance		$ 2,772	$ 5,446	$ 9,062	$ 6,493	$ 4,663	$ 2,273	$ 1,478	$ 1,286	$ 1,241	$ 1,247	$ 1,241	$ 1,612
Beginning Period Working Capital Balance		$ 212	$ 2,995	$ 8,482	$ 17,636	$ 24,277	$ 29,129	$ 31,617	$ 33,324	$ 34,851	$ 36,343	$ 37,852	$ 39,365
End of Period Working Capital Allowance		$ 2,984	$ 8,442	$ 17,544	$ 24,129	$ 28,941	$ 31,402	$ 33,095	$ 34,610	$ 36,092	$ 37,590	$ 39,092	$ 40,976
Interest		$ 11	$ 41	$ 92	$ 148	$ 188	$ 214	$ 229	$ 241	$ 251	$ 262	$ 273	$ 285
End of period with Interest	$ 212	$ 2,995	$ 8,482	$ 17,636	$ 24,277	$ 29,129	$ 31,617	$ 33,324	$ 34,851	$ 36,343	$ 37,852	$ 39,365	$ 41,261
Bad Debt													
Projected Bad Debt	$ -	$ 22,762.08	$ 22,762.08	$ 22,762.08	$ 22,762.08	$ 22,762.08	$ 22,762.08	$ 3,413.97	$ 3,413.97	$ 3,413.97	$ 3,413.97	$ 3,413.97	$ 3,413.97
Beginning Period Bad Debt Balance		$ 20,873	$ 43,864	$ 67,017	$ 90,334	$ 113,817	$ 137,466	$ 161,282	$ 165,851	$ 170,452	$ 175,085	$ 179,751	$ 184,451
End of Period Bad Debt Balance		*$ 43,635*	*$ 66,626*	*$ 89,779*	*$ 113,096*	*$ 136,579*	*$ 160,228*	*$ 164,696*	*$ 169,265*	*$ 173,866*	*$ 178,499*	*$ 183,165*	*$ 187,864*
Interest		$ 228	$ 391	$ 555	$ 720	$ 887	$ 1,054	$ 1,155	$ 1,187	$ 1,219	$ 1,252	$ 1,285	$ 1,319
End of Period Bad Debt Balance with Interest	$ 20,873	$ 43,864	$ 67,017	$ 90,334	$ 113,817	$ 137,466	$ 161,282	$ 165,851	$ 170,452	$ 175,085	$ 179,751	$ 184,451	$ 189,183
Local Production and Storage Capacity		$ 35,756	$ 35,756	$ 35,756	$ 35,756	$ 35,756	$ 35,756	$ -	$ -	$ -	$ -	$ -	$ -
		$ -	$ -	$ -									
Miscellaneous Overhead		$ 84,015	$ 84,015	$ 84,015	$ 84,015	$ 84,015	$ 84,015	$ 17,964	$ 17,964	$ 17,964	$ 17,964	$ 17,964	$ 17,964
Gas Cost Other than Bad Debt and Working Capital Over/Under Collection													
Beginning Balance Over/Under Collection	$ (1,077,140)	$ (1,077,140)	$ (2,137,575)	$ (2,749,528)	$ (1,530,150)	$ (1,439,152)	$ (1,956,276)	$ (2,490,200)	$ (2,209,442)	$ (1,789,024)	$ (1,324,494)	$ (857,157)	$ (441,329)
Net Costs - Revenues		$ (1,049,090)	$ (594,706)	$ 1,234,482	$ 101,477	$ (505,141)	$ (518,232)	$ 297,344	$ 434,530	$ 475,518	$ 475,036	$ 420,411	$ 194,205
Ending Balance before Interest		$ (2,126,229)	$ (2,732,281)	$ (1,515,046)	$ (1,428,672)	$ (1,944,293)	$ (2,474,508)	$ (2,192,856)	$ (1,774,912)	$ (1,313,505)	$ (849,457)	$ (436,746)	$ (247,124)
Average Balance		$ (1,601,685)	$ (2,434,928)	$ (2,132,287)	$ (1,479,411)	$ (1,691,722)	$ (2,215,392)	$ (2,341,528)	$ (1,992,177)	$ (1,551,265)	$ (1,086,975)	$ (646,951)	$ (344,226)
Interest Rate		8.50%	8.50%	8.50%	8.50%	8.50%	8.50%	8.50%	8.50%	8.50%	8.50%	8.50%	8.50%
Interest Expense		$ (11,345)	$ (17,247)	$ (15,104)	$ (10,479)	$ (11,983)	$ (15,692)	$ (16,586)	$ (14,111)	$ (10,988)	$ (7,699)	$ (4,583)	$ (2,438)
Ending Balance Incl Interest Expense	$ (1,077,140)	$ (2,137,575)	$ (2,749,528)	$ (1,530,150)	$ (1,439,152)	$ (1,956,276)	$ (2,490,200)	$ (2,209,442)	$ (1,789,024)	$ (1,324,494)	$ (857,157)	$ (441,329)	$ (249,562)
Total Over/Under Collection Ending Balance	$ (1,056,055)	$ (2,090,716)	$ (2,674,029)	$ (1,422,179)	$ (1,301,058)	$ (1,789,681)	**$ (2,297,301)**	$ (2,010,267)	$ (1,583,721)	$ (1,113,066)	$ (639,554)	$ (217,513)	$ (19,118)
Total Indirect Cost of Gas	$ (1,056,055)	$ 134,201	$ 131,164	$ 137,139	$ 139,416	$ 136,289	$ 130,383	$ 7,654	$ 9,980	$ 13,101	$ 16,439	$ 19,594	$ 22,154
Total Cost of Gas	$ (1,056,055)	$ 2,117,979	$ 4,028,308	$ 6,621,211	$ 4,785,486	$ 3,473,129	$ 1,756,968	$ 1,065,370	$ 930,230	$ 901,025	$ 908,630	$ 907,473	$ 1,175,279
Total Interest	$ -	$ (11,105)	$ (16,816)	$ (14,456)	$ (9,611)	$ (10,908)	$ (14,424)	$ (15,202)	$ (12,684)	$ (9,517)	$ (6,185)	$ (3,025)	$ (835)

Northern Utilities
NEW HAMPSHIRE (Over) / Undercollection Anal

	Winter	Summer	Prior Period	Total
Working Capital				
Total Anticipated Direct Cost of Gas				$ 27,773,572
Working Capital Percentage				
Working Capital Allowance	$ 30,710	$ 8,104	$ 212	$ 39,026
Beginning Period Working Capital Balance				
End of Period Working Capital Allowance				
Interest	$ 695	$ 1,540		$ 2,235
End of period with Interest				
Bad Debt				
Projected Bad Debt	$ 136,573	$ 20,484	$ 20,873	$ 177,929
Beginning Period Bad Debt Balance				
End of Period Bad Debt Balance				
Interest	$ 3,837	$ 7,417		$ 11,254
End of Period Bad Debt Balance with Interest				
Local Production and Storage Capacity				$ 214,538
				$ -
Miscellaneous Overhead				$ 611,875
Gas Cost Other than Bad Debt and Working Capital Over/U				
Beginning Balance Over/Under Collection				$ (20,001,465)
Net Costs - Revenues				$ 965,834
Ending Balance before Interest				$ (19,035,632)
Average Balance				$ (19,518,548)
Interest Rate				
Interest Expense				$ (138,256)
Ending Balance Incl Interest Expense			$ (1,077,140)	
Total Over/Under Collection Ending Balance				
Total Indirect Cost of Gas	$ 808,593	$ 88,923	$ (1,056,055)	$ (158,539)
Total Cost of Gas	$ 22,783,081	$ 5,888,007	$ (1,056,055)	$ 27,615,033
Total Interest	$ (77,319)	$ (47,448)		$ (124,768)

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

Anticipated Cost of Gas

New Hampshire Division
Period Covered: November 1, 2023 - April 31, 2024

	Column A	Column B	Column C
1	**ANTICIPATED DIRECT COST OF GAS**		
2	**Purchased Gas for Sales Service:**		
3	Demand Costs:	$ 4,367,366	
4	Supply Costs:	$ 7,242,684	
5			
6	**Storage & Peaking Gas for Sales Service:**		
7	Demand, Capacity:	$ 13,183,877	
8	Commodity Costs:	$ 10,069,783	
9			
10	**Inventory Finance Charge**	$ 8,639	
11			
12	**Capacity Release**	$ (10,298,558)	
13			
14	**Re-entry Rate & Conversion Rate Revenues**	$ (25,000)	
15			
16	**Total Anticipated Direct Cost of Gas**		$ 24,548,790
17			
18	**ANTICIPATED INDIRECT COST OF GAS**		
19	**Adjustments:**		
20	Prior Period Under/(Over) Collection	$ (1,375,864)	
21	Interest	$ (77,319)	
22	Refunds	$ -	
23	Interruptible Margins	$ -	
24	Total Adjustments		$ (1,453,183)
25			
26	**Working Capital:**		
27	Total Anticipated Direct Cost of Gas	$ 24,548,790	
28	Working Capital Allowance Percentage (9.30 [lag days]/366* prime rate)	0.2160%	
29	Working Capital Allowance	$ 53,021	
30			
31	Plus: Working Capital Reconciliation (Acct 173)	$ 212	
32			
33	Total Working Capital Allowance		$ 53,233
34			
35	**Bad Debt:**		
36	Bad Debt Allowance	$ 136,573	
37	Plus: Bad Debt Reconciliation (Acct 173)	$ 20,873	
38	Total Bad Debt Allowance		$ 157,446
39			
40	**Local Production and Storage Capacity**		$ 214,538
41			
42	**Miscellaneous Overhead-82.38% Allocated to Winter Season**		$ 504,091
43			
44	**Total Anticipated Indirect Cost of Gas**		$ (523,875)
45			
46	**Total Cost of Gas**		$ 24,024,915

(*) Prime Rate is 8.50%

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

Anticipated Cost of Gas

New Hampshire Division
Period Covered: November 1, 2023 - April 31, 2024

	Column A	Column D
1	**ANTICIPATED DIRECT COST OF GAS**	
2	**Purchased Gas for Sales Service:**	
3	Demand Costs:	Attachment NUI-CAK-2, LN 71 + LN 75
4	Supply Costs:	Attachment NUI-CAK-6, LN 14
5		
6	**Storage & Peaking Gas for Sales Service:**	
7	Demand, Capacity:	Attachment NUI-CAK-2, LN 73 + LN 74
8	Commodity Costs:	Attachment NUI-CAK-6, LN 15 + LN 16
9		
10	**Inventory Finance Charge**	Attachment NUI-CAK-6, LN 17
11		
12	**Capacity Release**	-(Attachment NUI-CAK-2, LN 77)
13		
14	**Re-entry Rate & Conversion Rate Revenues**	Attachment NUI-CAK-2, LN 79
15		
16	**Total Anticipated Direct Cost of Gas**	Sum (LN 3 : LN 14)
17		
18	**ANTICIPATED INDIRECT COST OF GAS**	
19	**Adjustments:**	
20	Prior Period Under/(Over) Collection	Attachment NUI-CAK-10, Page 1
21	Interest	Attachment NUI-CAK-12, LN 94: Total
22	Refunds	
23	Interruptible Margins	-(Attachment NUI-CAK-2, LN 78)
24	Total Adjustments	Sum (LN 20 : LN 23)
25		
26	**Working Capital:**	
27	Total Anticipated Direct Cost of Gas	LN 16
28	Working Capital Allowance Percentage (9.30 [lag days]/366* prime	Tariff - NHPUC No. 12 , Section 6.1
29	Working Capital Allowance	LN 27 * LN 28
30		
31	Plus: Working Capital Reconciliation (Acct 173)	Attachment NUI-CAK-10, Attachment A
32		
33	Total Working Capital Allowance	Sum (LN 29 : LN 31)
34		
35	**Bad Debt:**	
36	Bad Debt Allowance	Attachment NUI-CAK-11, LN 16
37	Plus: Bad Debt Reconciliation (Acct 173)	Atttachment NUI-10-CAK, Attachment B
38	Total Bad Debt Allowance	LN 36 + LN 37
39		
40	**Local Production and Storage Capacity**	Attachment NUI-CAK-2, LN 84
41		
42	**Miscellaneous Overhead-82.38% Allocated to Winter Season**	Attachment NUI-CAK-2, LN 83
43		
44	**Total Anticipated Indirect Cost of Gas**	Sum (LN 24 : LN 42)
45		
46	**Total Cost of Gas**	LN 44 + LN 16

(*) Prime Rate is 8.50%

CALCULATION OF FIRM SALES COST OF GAS RATE
Period Covered: November 1, 2023 - April 31, 2024

Column A	**Column B**	**Column C**
Total Anticipated Direct Cost of Gas	$ 24,548,790	
Projected Prorated Sales (11/01/23 - 04/30/24)	32,992,252	
Direct Cost of Gas Rate		$ 0.7441 per therm
Demand Cost of Gas Rate	$ 7,227,684	$ 0.2191 per therm
Commodity Cost of Gas Rate	$ 17,321,106	$ 0.5250 per therm
Total Direct Cost of Gas Rate	$ 24,548,790	$ 0.7441 per therm
Total Anticipated Indirect Cost of Gas	$ (523,875)	
Projected Prorated Sales (11/01/23 - 04/30/24)	32,992,252	
Indirect Cost of Gas		$ (0.0159) per therm
TOTAL PERIOD AVERAGE COST OF GAS EFFECTIVE 05/01/23		**$ 0.7282 per therm**
RESIDENTIAL COST OF GAS RATE - 11/01/23	**COGwr**	**$ 0.7282 per therm**
	Maximum (COG+25%)	**$ 0.9103**
COM/IND LOW WINTER USE COST OF GAS RATE - 11/01/23	**COGwl**	**$ 0.6587 per therm**
	Maximum (COG+25%)	**$ 0.8234**
C&I HLF Demand Costs Allocated per SMBA	$ 424,870	
PLUS: Residential Demand Reallocation to C&I HLF	$ (1,676)	
C&I HLF Total Adjusted Demand Costs	$ 423,195	
C&I HLF Projected Prorated Sales (11/01/23 - 04/30/24)	2,480,131	
Demand Cost of Gas Rate	**$ 0.1706**	
C&I HLF Commodity Costs Allocated per SMBA	$ 1,245,479	
PLUS: Residential Commodity Reallocation to C&I HLF	$ 4,566	
C&I HLF Total Adjusted Commodity Costs	$ 1,250,045	
C&I HLF Projected Prorated Sales (11/01/23 - 05/30/24)	2,480,131	
Commodity Cost of Gas Rate	**$ 0.5040**	
Indirect Cost of Gas	**$ (0.0159)**	
Total C&I HLF Cost of Gas Rate	**$ 0.6587**	
COM/IND HIGH WINTER USE COST OF GAS RATE - 11/01/23	**COGwh**	**$ 0.7402 per therm**
	Maximum (COG+25%)	**$ 0.9253**
C&I LLF Demand Costs Allocated per SMBA	$ 3,268,276	
PLUS: Residential Demand Reallocation to C&I LLF	$ (12,889)	
C&I LLF Total Adjusted Demand Costs	$ 3,255,387	
C&I LLF Projected Prorated Sales (11/01/23 - 04/30/24)	14,311,515	
Demand Cost of Gas Rate	**$ 0.2275**	
C&I LLF Commodity Costs Allocated per SMBA	$ 7,538,022	
PLUS: Residential Commodity Reallocation to C&I LLF	$ 27,635	
C&I LLF Total Adjusted Commodity Costs	$ 7,565,657	
C&I LLF Projected Prorated Sales (11/01/23 - 04/30/24)	14,311,515	
Commodity Cost of Gas Rate	**$ 0.5286**	
Indirect Cost of Gas	**$ (0.0159)**	
Total C&I LLF Cost of Gas Rate	**$ 0.7402**	

CALCULATION OF FIRM SALES COST OF GAS RATE
Period Covered: November 1, 2023 - April 31, 2024

	Column A	Column D
	Total Anticipated Direct Cost of Gas	LN 16
	Projected Prorated Sales (11/01/23 - 04/30/24)	Attachment NUI-CAK-3, LN 11
	Direct Cost of Gas Rate	LN 53 / LN 54
	Demand Cost of Gas Rate	Column B : SUM (LN 3 , LN 7 , LN 12) : COLUMN C: LN 57 / LN 54
	Commodity Cost of Gas Rate	Column B : SUM (LN 4 , LN 8) : COLUMN C: LN 58 / LN 54)
	Total Direct Cost of Gas Rate	SUM (LN 57 : LN 58)
	Total Anticipated Indirect Cost of Gas	Column B : LN 44
	Projected Prorated Sales (11/01/23 - 04/30/24)	Column B : LN 54
	Indirect Cost of Gas	LN 61 / LN 62
	TOTAL PERIOD AVERAGE COST OF GAS EFFECTIVE 05/01/23	LN 59 + LN 63
	RESIDENTIAL COST OF GAS RATE - 11/01/23	LN 66
		LN 68 * 1.25
	COM/IND LOW WINTER USE COST OF GAS RATE - 11/01/23	LN 89
		LN 72 * 1.25
	C&I HLF Demand Costs Allocated per SMBA	Attachment NUI-CAK-4, LN 170
	PLUS: Residential Demand Reallocation to C&I HLF	Attachment NUI-CAK-9, LN 16
	C&I HLF Total Adjusted Demand Costs	Sum (LN 75 : LN 76)
	C&I HLF Projected Prorated Sales (11/01/23 - 04/30/24)	Attachment NUI-CAK-3, LN 14
	Demand Cost of Gas Rate	LN 77 / LN 78
	C&I HLF Commodity Costs Allocated per SMBA	Attachment NUI-CAK-8, LN 83
	PLUS: Residential Commodity Reallocation to C&I HLF	Attachment NUI-CAK-9, LN 26
	C&I HLF Total Adjusted Commodity Costs	Sum (LN 81 : LN 82)
	C&I HLF Projected Prorated Sales (11/01/23 - 05/30/24)	LN 78
	Commodity Cost of Gas Rate	LN 83 / LN 84
	Indirect Cost of Gas	LN 63
	Total C&I HLF Cost of Gas Rate	Sum (LN 79, LN 85, LN 87)
	COM/IND HIGH WINTER USE COST OF GAS RATE - 11/01/23	LN 109
		LN 92 * 1.25
	C&I LLF Demand Costs Allocated per SMBA	Attachment NUI-CAK-4, LN 171
	PLUS: Residential Demand Reallocation to C&I LLF	Attachment NUI-CAK-9, LN 17
	C&I LLF Total Adjusted Demand Costs	Sum (LN 95 : LN 96)
	C&I LLF Projected Prorated Sales (11/01/23 - 04/30/24)	Attachment NUI-CAK-3, LN 15
	Demand Cost of Gas Rate	LN 97 / LN 98
	C&I LLF Commodity Costs Allocated per SMBA	Attachment NUI-CAK-8, LN 84
	PLUS: Residential Commodity Reallocation to C&I LLF	Attachment NUI-CAK-9, LN 27
	C&I LLF Total Adjusted Commodity Costs	Sum (LN 101 : LN 102)
	C&I LLF Projected Prorated Sales (11/01/23 - 04/30/24)	LN 98
	Commodity Cost of Gas Rate	LN 103 / LN 104
	Indirect Cost of Gas	LN 63
	Total C&I LLF Cost of Gas Rate	Sum (LN 99, LN 105, LN 107)

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

Anticipated Cost of Gas

Summary Schedule

New Hampshire Division
Period Covered: May 1, 2024 - October 31, 2024

	Column A	Column B	Column C
110	**ANTICIPATED DIRECT COST OF GAS**		
111	**Purchased Gas:**		
112	Demand Costs:	$ 951,984	
113	Supply Costs:	$ 1,728,822	
114			
115	**Storage & Peaking Gas:**		
116	Demand, Capacity:	$ 497,977	
117	Commodity Costs:	$ 41,833	
118			
119	**Inventory Finance Charge**	$ -	
120			
121	**Capacity Release**	$ -	
122			
123	**Re-entry Rate & Conversion Rate Revenues**	$ -	
124			
125	**Total Anticipated Direct Cost of Gas**		$ 3,220,615
126			
127	**ANTICIPATED INDIRECT COST OF GAS**		
128	**Adjustments:**		
129	Prior Period Under/(Over) Collection	$ 298,724	
130	Interest	$ (47,448)	
131	Refunds	$ -	
132	Interruptible Margins	$ -	
133	Total Adjustments		$ 251,276
134			
135	**Working Capital:**		
136	Total Anticipated Direct Cost of Gas	$ 3,220,615	
137	Working Capital Allowance Percentage (9.30 [lag days]/366* prime rate)	0.216%	
138	Working Capital Allowance	$ 6,956	
139	Plus: Working Capital Reconciliation (Acct. 173)	$ 45	
140			
141	Total Working Capital Allowance		$ 7,001
142			
143	**Bad Debt:**		
144	Projected Bad Debt	$ 20,484	
145	Plus: Bad Debt Reconciliation (Acct 173)	$ 3,119	
146	Total Bad Debt Expense		$ 23,603
147			
148	**Local Production and Storage Capacity**		$ -
149			
150	**Miscellaneous Overhead-17.62% Allocated to Summer Season**		$ 107,784
151			
152	**Total Anticipated Indirect Cost of Gas**		$ 389,663
153			
154	**Total Cost of Gas**		$ 3,610,279
155			

(*) Prime Rate is 8.50%

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

Anticipated Cost of Gas

New Hampshire Division
Period Covered: May 1, 2024 - October 31, 2024

	Column A	Column D
110	**ANTICIPATED DIRECT COST OF GAS**	
111	**Purchased Gas:**	
112	Demand Costs:	Attachment NUI-CAK-2, LN 71 + LN 75
113	Supply Costs:	Attachment NUI-CAK-6, LN 14
114		
115	**Storage & Peaking Gas:**	
116	Demand, Capacity:	Attachment NUI-CAK-2, LN 73
117	Commodity Costs:	Attachment NUI-CAK-6, LN 15 + LN 16
118		
119	**Inventory Finance Charge**	- (Attachment NUI-CAK-6, LN 20)
120		
121	**Capacity Release**	- (Attachment NUI-CAK-2, LN 77)
122		
123	**Re-entry Rate & Conversion Rate Revenues**	
124		
125	**Total Anticipated Direct Cost of Gas**	Sum (LN 112 : LN 123)
126		
127	**ANTICIPATED INDIRECT COST OF GAS**	
128	**Adjustments:**	
129	Prior Period Under/(Over) Collection	Attachment NUI-CAK-10, Page 1
130	Interest	Attachment NUI-CAK-12, LN 92: Total
131	Refunds	Company Analysis
132	Interruptible Margins	- (Attachment NUI-CAK-2, LN 78)
133	Total Adjustments	Sum (LN 129 : LN 132)
134		
135	**Working Capital:**	
136	Total Anticipated Direct Cost of Gas	LN 125
137	Working Capital Allowance Percentage (9.30 [lag days]/366* prime	Tariff - NHPUC No. 12 , Section 6.1
138	Working Capital Allowance	LN 136 * LN 137
139	Plus: Working Capital Reconciliation (Acct. 173)	Attachment NUI-CAK-10, Attachment A
140		
141	Total Working Capital Allowance	Sum (LN 138 : LN 139)
142		
143	**Bad Debt:**	
144	Projected Bad Debt	Attachment NUI-CAK-11, LN 17
145	Plus: Bad Debt Reconciliation (Acct 173)	Atttachment NUI-10-CAK, Attachment B
146	Total Bad Debt Expense	Sum (LN 144 : LN 145)
147		
148	**Local Production and Storage Capacity**	Attachment NUI-CAK-2, LN 84
149		
150	**Miscellaneous Overhead-17.62% Allocated to Summer Season**	Attachment NUI-CAK-2, LN 83
151		
152	**Total Anticipated Indirect Cost of Gas**	Sum (LN 133 : LN 150)
153		
154	**Total Cost of Gas**	LN 152 + LN 125
155		

(*) Prime Rate is 8.50%

NORTHERN UTILITIES, INC.

CALCULATION OF FIRM SALES COST OF GAS RATE
Period Covered: May 1, 2024 - October 31, 2024

Column A	**Column B**	**Column C**
Total Anticipated Direct Cost of Gas	$ 3,220,615	
Projected Prorated Sales (05/01/24 - 10/31/24)	7,054,322	
Direct Cost of Gas Rate		$ 0.4565 per therm
Demand Cost of Gas Rate	$ 1,449,961	$ 0.2055 per therm
Commodity Cost of Gas Rate	$ 1,770,654	$ 0.2510 per therm
Total Direct Cost of Gas Rate	$ 3,220,615	$ 0.4565 per therm
Total Anticipated Indirect Cost of Gas	$ 389,663	
Projected Prorated Sales (05/01/24 - 10/31/24)	7,054,322	
Indirect Cost of Gas		$ 0.0552 per therm
TOTAL PERIOD AVERAGE COST OF GAS EFFECTIVE 05/01/24		**$ 0.5117 per therm**
RESIDENTIAL COST OF GAS RATE - 05/01/24	**COGwr**	**$ 0.5117 per therm**
	Maximum (COG+25%)	**$ 0.6396**
COM/IND LOW WINTER USE COST OF GAS RATE - 05/01/24	**COGwl**	**$ 0.4443 per therm**
	Maximum (COG+25%)	**$ 0.5554**

C&I HLF Demand Costs Allocated per SMBA	$ 235,276
PLUS: Residential Demand Reallocation to C&I HLF	$ 21,784
C&I HLF Total Adjusted Demand Costs	$ 257,060
C&I HLF Projected Prorated Sales (05/01/24 - 10/31/24)	1,861,021
Demand Cost of Gas Rate	**$ 0.1381**
C&I HLF Commodity Costs Allocated per SMBA	$ 467,121
PLUS: Residential Commodity Reallocation to C&I HLF	$ 3
C&I HLF Total Adjusted Commodity Costs	$ 467,125
C&I HLF Projected Prorated Sales (05/01/24 - 10/31/24)	1,861,021
Commodity Cost of Gas Rate	**$ 0.2510**
Indirect Cost of Gas	**$ 0.0552**
Total C&I HLF Cost of Gas Rate	**$ 0.4443**

COM/IND HIGH WINTER USE COST OF GAS RATE - 05/01/24	**COGwh**	**$ 0.5622 per therm**
	Maximum (COG+25%)	**$ 0.7028**

C&I LLF Demand Costs Allocated per SMBA	$ 582,672
PLUS: Residential Demand Reallocation to C&I LLF	$ 53,949
C&I LLF Total Adjusted Demand Costs	$ 636,621
C&I LLF Projected Prorated Sales (05/01/24 - 10/31/24)	2,486,344
Demand Cost of Gas Rate	**$ 0.2560**
C&I LLF Commodity Costs Allocated per SMBA	$ 624,079
PLUS: Residential Commodity Reallocation to C&I LLF	$ 4
C&I LLF Total Adjusted Commodity Costs	$ 624,083
C&I LLF Projected Prorated Sales (05/01/24 - 10/31/24)	2,486,344
Commodity Cost of Gas Rate	**$ 0.2510**
Indirect Cost of Gas	**$ 0.0552**
Total C&I LLF Cost of Gas Rate	**$ 0.5622**

NORTHERN UTILITIES, INC.

CALCULATION OF FIRM SALES COST OF GAS RATE
Period Covered: May 1, 2024 - October 31, 2024

	Column A	**Column D**
	Total Anticipated Direct Cost of Gas	LN 125
	Projected Prorated Sales (05/01/24 - 10/31/24)	Attachment NUI-CAK-3, LN 11
	Direct Cost of Gas Rate	LN 162 / LN 163
	Demand Cost of Gas Rate	Column B : SUM (LN 112 , LN 116 , LN 121 , LN 123) : Column C: LN
	Commodity Cost of Gas Rate	Column B : SUM (LN 113 , LN 117 , LN 119) : COLUMN C: LN167 / L
	Total Direct Cost of Gas Rate	SUM (LN 166 : LN 167)
	Total Anticipated Indirect Cost of Gas	Column B : LN 152
	Projected Prorated Sales (05/01/24 - 10/31/24)	Column B : LN 163
	Indirect Cost of Gas	LN 170 / LN 171
	TOTAL PERIOD AVERAGE COST OF GAS EFFECTIVE 05/01/24	LN 168 + LN 172
	RESIDENTIAL COST OF GAS RATE - 05/01/24	LN 175
		LN 177 * 1.25
	COM/IND LOW WINTER USE COST OF GAS RATE - 05/01/24	LN 198
		LN 181 * 1.25
	C&I HLF Demand Costs Allocated per SMBA	Attachment NUI-CAK-4, LN 170
	PLUS: Residential Demand Reallocation to C&I HLF	Attachment NUI-CAK-9, LN 16
	C&I HLF Total Adjusted Demand Costs	Sum (LN 184 : LN 185)
	C&I HLF Projected Prorated Sales (05/01/24 - 10/31/24)	Attachment NUI-CAK-3, LN 14
	Demand Cost of Gas Rate	LN 186 / LN 187
	C&I HLF Commodity Costs Allocated per SMBA	Attachment NUI-CAK-8, LN 83
	PLUS: Residential Commodity Reallocation to C&I HLF	Attachment NUI-CAK-9, LN 26
	C&I HLF Total Adjusted Commodity Costs	Sum (LN 190 : LN 191)
	C&I HLF Projected Prorated Sales (05/01/24 - 10/31/24)	LN 187
	Commodity Cost of Gas Rate	LN 192 / LN 193
	Indirect Cost of Gas	LN 172
	Total C&I HLF Cost of Gas Rate	Sum (LN 188, LN 194, LN 196)
	COM/IND HIGH WINTER USE COST OF GAS RATE - 05/01/24	LN 218
		LN 201 * 1.25
	C&I LLF Demand Costs Allocated per SMBA	Attachment NUI-CAK-4, LN 171
	PLUS: Residential Demand Reallocation to C&I LLF	Attachment NUI-CAK-9, LN 17
	C&I LLF Total Adjusted Demand Costs	Sum (LN 204 : LN 205)
	C&I LLF Projected Prorated Sales (05/01/24 - 10/31/24)	Attachment NUI-CAK-3, LN 15
	Demand Cost of Gas Rate	LN 206 / LN 207
	C&I LLF Commodity Costs Allocated per SMBA	Attachment NUI-CAK-8, LN 84
	PLUS: Residential Commodity Reallocation to C&I LLF	Attachment NUI-CAK-9, LN 27
	C&I LLF Total Adjusted Commodity Costs	Sum (LN 210 : LN 211)
	C&I LLF Projected Prorated Sales (05/01/24 - 10/31/24)	LN 207
	Commodity Cost of Gas Rate	LN 212 / LN 213
	Indirect Cost of Gas	LN 172
	Total C&I LLF Cost of Gas Rate	Sum (LN 208, LN 214, LN 216)

NORTHERN UTILITIES, INC.

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

Anticipated Cost of Gas

New Hampshire Division
Period Covered: November 1, 2023 - October 31, 2024

	Column A	Column B	Column C
219	**ANTICIPATED DIRECT COST OF GAS**		
220	**Purchased Gas for Sales Service:**		
221	Demand Costs:	$ 5,319,350	
222	Supply Costs:	$ 8,971,505	
223			
224	**Storage & Peaking Gas for Sales Service:**		
225	Demand, Capacity:	$ 13,681,854	
226	Commodity Costs:	$ 10,111,616	
227			
228	**Inventory Finance Charge**	$ 8,639	
229			
230	**Capacity Release**	$ (10,298,558)	
231			
232	**Re-entry Rate & Conversion Rate Revenues**	$ (25,000)	
233			
234	**Total Anticipated Direct Cost of Gas**		$ 27,769,405
235			
236	**ANTICIPATED INDIRECT COST OF GAS**		
237	**Adjustments:**		
238	Prior Period Under/(Over) Collection	$ (1,077,140)	
239	Interest	$ (124,768)	
240	Refunds	$ -	
241	Interruptible Margins	$ -	
242	Total Adjustments		$ (1,201,908)
243			
244	**Working Capital:**		
245	Total Anticipated Direct Cost of Gas	$ 27,769,405	
246	Working Capital Percentage	0.2160%	
247	Working Capital Allowance	$ 59,977	
248			
249	Plus: Working Capital Reconciliation (Acct 173)	$ 257	
250			
251	Total Working Capital Allowance		$ 60,234
252			
253	**Bad Debt:**		
254	Bad Debt Allowance	$ 157,056	
255	Plus: Bad Debt Reconciliation (Acct 173)	$ 23,992	
256	Total Bad Debt Allowance		$ 181,048
257			
258	**Local Production and Storage Capacity**		$ 214,538
259			
260	**Miscellaneous Overhead**		$ 611,875
261			
262	**Total Anticipated Indirect Cost of Gas**		$ (134,212)
263			
264	**Total Cost of Gas**		$ 27,635,193

NORTHERN UTILITIES, INC.

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

Anticipated Cost of Gas

New Hampshire Division
Period Covered: November 1, 2023 - October 31, 2024

	Column A	Column D
219	**ANTICIPATED DIRECT COST OF GAS**	
220	**Purchased Gas for Sales Service:**	
221	Demand Costs:	LN 3 + LN 112
222	Supply Costs:	LN 4 + LN 113
223		
224	**Storage & Peaking Gas for Sales Service:**	
225	Demand, Capacity:	LN 7 + LN 116
226	Commodity Costs:	LN 8 + LN 117
227		
228	**Inventory Finance Charge**	LN 10 + LN 119
229		
230	**Capacity Release**	LN 12 + LN 121
231		
232	**Re-entry Rate & Conversion Rate Revenues**	LN 14 + LN 123
233		
234	**Total Anticipated Direct Cost of Gas**	LN 16 + LN 125
235		
236	**ANTICIPATED INDIRECT COST OF GAS**	
237	**Adjustments:**	
238	Prior Period Under/(Over) Collection	LN 20 + LN 129
239	Interest	LN 21 + LN 130
240	Refunds	LN 22 + LN 131
241	Interruptible Margins	LN 23 + LN 132
242	Total Adjustments	LN 24 + LN 133
243		
244	**Working Capital:**	
245	Total Anticipated Direct Cost of Gas	LN 27 + LN 136
246	Working Capital Percentage	LN 28 + LN 137
247	Working Capital Allowance	LN 29 + LN 138
248		
249	Plus: Working Capital Reconciliation (Acct 173)	LN 31 + LN 139
250		
251	Total Working Capital Allowance	LN 33 + LN 141
252		
253	**Bad Debt:**	
254	Bad Debt Allowance	LN 36 + LN 144
255	Plus: Bad Debt Reconciliation (Acct 173)	LN 37 + LN 145
256	Total Bad Debt Allowance	LN 38 + LN 146
257		
258	**Local Production and Storage Capacity**	LN 40 + LN 148
259		
260	**Miscellaneous Overhead**	LN 42 + LN 150
261		
262	**Total Anticipated Indirect Cost of Gas**	LN 44 + LN 152
263		
264	**Total Cost of Gas**	LN 46 + LN 154

Northern Utilities New Hampshire Division
Cost of Gas Rate Comparison - Residential Rate Classes
(rates per therm)

Proposed Rates	2022-2023 Actual Cost of Gas Rates							Variance
November 2023 - April 2024	Nov-22	Dec-22	Jan-23	Feb-23	Mar-23	Apr-23	Average Winter 22-23	
$0.7282	$1.1289	$1.0992	$1.0578	$1.0578	$0.9474	$0.6902	$0.9969	($0.2687)
May 2024 - October 2024	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Average Summer 2023	
$0.5117	$0.3708	$0.3708	$0.3708	$0.3708	$0.3708	$0.3708	$0.3708	$0.1409

Northern Utilities, Inc.
New Hampshire Division
Attachment NUI-CAK-15

Formula for Supplier Balancing Charge

Balancing Resources

Line	NU Storage Capacity Costs (Fixed)		NU Storage Space (Dth)	Reference
1	$ 119,638	TGP	259,337	Attachment NUI-FXW-5, Page 4
2	$ 4,980,000	Union	6,000,000	Attachment NUI-FXW-5, Page 4
3	$ 5,099,638	TOTAL	6,259,337	LN 1 + LN 2
4	Weighted Average Capacity Cost		$ 0.8147 per Dth	LN 3 Cost / LN3 Space
	NU Storage Commodity Costs (Variable)			
5	TGP FS-MA	Withdraw/Inject	$ 0.0174	Attachment NUI-FXW-9, PG 11, LN 11 * 2
6	Union	Withdraw/Inject	$ 0.0094	Attachment NUI-FXW-9, PG 12, LN 10 * 2
7	Weighted Average Commodity Cost		$ 0.0097 per Dth	LN 5, LN 6 (weighted)
8	Supplier Balancing Charge		$ 0.82 per Dth	LN 4 + LN 7

Re-entry Rate & Conversion Rate Revenues

	Re-entry Revenues	Conversion Revenues
Nov-22	$0.00	$344.46
Dec-22	$2,287.85	$527.23
Jan-23	$2,098.72	$16,420.67
Feb-23	$2,164.55	$18,657.39
Mar-23	$2,017.36	$15,673.24
Apr-23	$1,390.09	$2,822.15
May-23	$20.89	$0.00
Total	$9,979.46	$54,445.14

Northern Utilities, Inc.
Short-Term Debt Limit
($ in thousands)

NU Short-Term Debt Limit Calculation (11/1/2023 - 10/31/2024)			
Fuel Financing Purposes			
NU ME winter gas costs		43,959	
NU NH winter gas costs		24,025	
	Total	67,984	
30% of total winter gas costs		20,395	(a)
Non-Fuel Financing Purposes			
Estimated net utility plant @ 12/31/23		669,289	
15% of Net Utility Plant		100,393	(b)
Short-Term Debt Limit			
Short Term Debt Limit		**120,789**	(a) + (b)

Northern Utilities, Inc.
New Hampshire Division
Billed Distribution Service Volumes and Meter Counts

		Total Division Metered Deliveries (Dth)										
		2023-2024	2023-2024 Compared to 2022-2023					2023-2024 Compared to 2021-2022				
		Forecast	2022-2023 Normal	Change	Percent Change	Change Due to Meter Count	Change Due to Load Pattern	2021-2022 Normal	Change	Percent Change	Change Due to Meter Count	Change Due to Load Pattern
	Column	1	2	3	4	5	6	7	8	9	10	11
	Reference	Note 1.	Note 2.	(1-2)	(3/2)	Note 3.	(3-5)	Note 4.	(1-5)	(6/5)	Note 5.	(8-10)
	Nov	653,194	626,546	26,648	4.3%	13,306	13,342	635,156	18,037	2.8%	23,774	-5,737
	Dec	980,617	912,920	67,697	7.4%	18,906	48,791	913,062	67,555	7.4%	30,249	37,306
	Jan	1,235,746	1,199,299	36,446	3.0%	25,772	10,675	1,199,657	36,089	3.0%	39,406	-3,317
	Feb	1,230,569	1,179,694	50,875	4.3%	25,374	25,501	1,187,575	42,994	3.6%	39,392	3,602
	Mar	1,089,940	1,061,045	28,896	2.7%	22,747	6,149	1,073,134	16,807	1.6%	35,853	-19,047
	Apr	805,992	775,012	30,980	4.0%	17,636	13,344	760,014	45,977	6.0%	25,825	20,152
	May	568,006	552,584	15,422	2.8%	12,985	2,437	545,040	22,966	4.2%	18,368	4,598
	Jun	405,488	405,800	-312	-0.1%	7,426	-7,738	395,165	10,323	2.6%	12,116	-1,793
	Jul	363,497	364,133	-636	-0.2%	6,678	-7,314	344,188	19,309	5.6%	10,961	8,348
	Aug	363,059	363,658	-599	-0.2%	6,682	-7,281	360,910	2,149	0.6%	13,281	-11,132
	Sep	378,071	378,705	-633	-0.2%	6,954	-7,587	378,022	50	0.0%	13,399	-13,350
	Oct	445,414	445,802	-388	-0.1%	8,131	-8,519	449,022	-3,608	-0.8%	16,531	-20,139
	Winter	5,996,057	5,754,516	241,542	4.2%	123,740	117,802	5,768,598	227,459	3.9%	196,073	31,386
	Summer	2,523,535	2,510,682	12,853	0.5%	48,856	-36,003	2,472,347	51,188	2.1%	84,586	-33,398
	Annual	8,519,593	8,265,197	254,395	3.1%	172,596	81,799	8,240,945	278,647	3.4%	281,025	-2,378

Note 1 Company Forecast
Note 2 Pages 2 - 4; Sum of Column 2 of Billed Deliveries table. Actual Data through April is weather normalized.
Note 3 Column 3 of Meter Counts table times Column 2 of Use Per Meter table.
Note 4 Pages 2 - 4; Sum of Column 7 of Billed Deliveries Table. Actual Data provided is weather normalized.
Note 5 Column 6 of Meter Counts table times Column 5 of Use Per Meter table.

		Total Division Meter Counts						
		2023-2024	Compared to 2022-2023			Compared to 2021-2022		
		Forecast	Actual	Change	Percent Change	Actual	Change	Percent Change
	Column	1	2	3	4	5	6	7
	Reference	Note 1.	Note 2.	(1-2)	(3/2)	Note 3.	(1-5)	(6/5)
	Nov	37,094	36,323	771	2.1%	35,756	1,338	3.7%
	Dec	37,190	36,435	755	2.1%	35,997	1,193	3.3%
	Jan	37,247	36,463	784	2.1%	36,062	1,185	3.3%
	Feb	37,287	36,502	785	2.2%	36,090	1,197	3.3%
	Mar	37,297	36,514	783	2.1%	36,091	1,206	3.3%
	Apr	37,309	36,479	830	2.3%	36,083	1,226	3.4%
	May	37,126	36,274	852	2.3%	35,916	1,210	3.4%
	Jun	36,916	36,253	663	1.8%	35,818	1,098	3.1%
	Jul	36,946	36,281	665	1.8%	35,806	1,140	3.2%
	Aug	37,002	36,335	668	1.8%	35,689	1,313	3.7%
	Sep	37,119	36,449	669	1.8%	35,848	1,271	3.5%
	Oct	37,434	36,764	671	1.8%	36,105	1,329	3.7%
	Winter	37,237	36,453	785	2.2%	36,013	1,224	3.4%
	Summer	37,091	36,393	698	1.9%	35,864	1,227	3.4%
	Annual	37,164	36,423	741	2.0%	35,938	1,226	3.4%

Note 1 Company Forecast
Note 2 Actual data through April. Forecast data beginning June. Page 2 - 4; Sum of Column 2 of Meter Counts table.
Note 3 Actual Data. Page 2 - 4; Sum of Column 5 of Meter Counts table.

		Total Division Use Per Meter						
		2023-2024	Compared to 2022-2023			Compared to 2021-2022		
		Forecast	Actual	Change	Percent Change	Actual	Change	Percent Change
	Column	1	2	3	4	5	6	7
	Reference	Note 1.	Note 2.	(1-2)	(3/2)	Note 3.	(1-5)	(6/5)
	Nov	17.61	17.25	0.36	2.1%	17.76	-0.15	-0.9%
	Dec	26.37	25.06	1.31	5.2%	25.36	1.00	4.0%
	Jan	33.18	32.89	0.29	0.9%	33.27	-0.09	-0.3%
	Feb	33.00	32.32	0.68	2.1%	32.91	0.10	0.3%
	Mar	29.22	29.06	0.16	0.6%	29.73	-0.51	-1.7%
	Apr	21.60	21.25	0.36	1.7%	21.06	0.54	2.6%
	May	15.30	15.23	0.07	0.4%	15.18	0.12	0.8%
	Jun	10.98	11.19	-0.21	-1.9%	11.03	-0.05	-0.4%
	Jul	9.84	10.04	-0.20	-2.0%	9.61	0.23	2.4%
	Aug	9.81	10.01	-0.20	-2.0%	10.11	-0.30	-3.0%
	Sep	10.19	10.39	-0.20	-2.0%	10.55	-0.36	-3.4%
	Oct	11.90	12.13	-0.23	-1.9%	12.44	-0.54	-4.3%
	Winter	161.02	157.86	3.16	2.0%	160.18	0.89	0.6%
	Summer	68.04	68.99	-0.95	-1.4%	68.94	-0.90	-1.3%
	Annual	229.24	226.92	2.32	1.0%	229.31	-0.01	0.0%

Note 1 Column 1 of Billed Deliveries table divided by Column 1 of Meter Counts table.
Note 2 Column 2 of Billed Deliveries table divided by Column 2 of Meter Counts table.
Note 3 Column 7 of Billed Deliveries table divided by Column 5 of Meter Counts table.

Northern Utilities, Inc.
New Hampshire Division
Billed Distribution Service Volumes and Meter Counts

		Residential Non-Heat Metered Deliveries (Dth)										
		2023-2024	2023-2024 Compared to 2022-2023					2023-2024 Compared to 2021-2022				
		Forecast	2022-2023 Normal	Change	Percent Change	Change Due to Meter Count	Change Due to Load Pattern	2021-2022 Normal	Change	Percent Change	Change Due to Meter Count	Change Due to Load Pattern
	Column	1	2	3	4	5	6	7	8	9	10	11
	Reference	Note 1.	Note 2.	(1-2)	(3/2)	Note 3.	(3-5)	Note 4.	(1-5)	(6/5)	Note 5.	(8-10)
	Nov	1,623	2,054	-430	-21.0%	-74	-357	1,716	-93	-5.4%	-67	-26
	Dec	2,495	2,503	-8	-0.3%	-84	76	2,406	89	3.7%	-92	181
	Jan	3,065	4,316	-1,251	-29.0%	-123	-1,127	2,974	92	3.1%	-117	209
	Feb	3,098	3,998	-901	-22.5%	-18	-882	2,232	866	38.8%	-92	958
	Mar	2,531	2,465	66	2.7%	-6	72	2,655	-124	-4.7%	-120	-4
	Apr	2,016	2,301	-285	-12.4%	-8	-276	2,025	-9	-0.4%	-97	88
	May	1,606	1,647	-41	-2.5%	5	-47	1,187	419	35.3%	-55	474
	Jun	1,301	1,325	-24	-1.8%	-24	0	1,202	100	8.3%	-56	155
	Jul	1,156	1,177	-21	-1.8%	-21	0	1,178	-21	-1.8%	-55	34
	Aug	1,155	1,176	-21	-1.8%	-21	0	1,077	78	7.2%	-56	134
	Sep	1,140	1,161	-21	-1.8%	-21	0	1,177	-37	-3.1%	-64	28
	Oct	1,217	1,240	-23	-1.9%	-23	0	1,019	198	19.5%	-53	251
	Winter	14,828	17,636	-2,808	-15.9%	-314	-2,495	14,007	821	5.9%	-586	1,406
	Summer	7,575	7,726	-151	-2.0%	-104	-47	6,839	736	10.8%	-340	1,076
	Annual	22,403	25,363	-2,959	-11.7%	-418	-2,541	20,846	1,557	7.5%	-956	2,513

Note 1 Company Forecast
Note 2 Actual, weather normalized data through April. Forecast data beginning June.
Note 3 Column 3 of Meter Counts table times Column 2 of Use Per Meter table.
Note 4 Actual, weather normalized data through May. Forecast data beginning June.
Note 5 Column 6 of Meter Counts table times Column 5 of Use Per Meter table.

		Total Division Meter Counts						
		2023-2024	Compared to 2022-2023			Compared to 2021-2022		
		Forecast	Actual	Change	Percent Change	Actual	Change	Percent Change
	Column	1	2	3	4	5	6	7
	Reference	Note 1.	Note 2.	(1-2)	(3/2)	Note 3.	(1-5)	(6/5)
	Nov	1,210	1,255	-45	-3.6%	1,259	-49	-3.9%
	Dec	1,206	1,248	-42	-3.4%	1,254	-48	-3.8%
	Jan	1,206	1,241	-35	-2.9%	1,255	-49	-3.9%
	Feb	1,201	1,207	-6	-0.5%	1,253	-52	-4.1%
	Mar	1,200	1,203	-3	-0.2%	1,257	-57	-4.5%
	Apr	1,226	1,230	-4	-0.4%	1,287	-61	-4.8%
	May	1,253	1,249	4	0.3%	1,314	-61	-4.6%
	Jun	1,261	1,284	-23	-1.8%	1,322	-61	-4.6%
	Jul	1,259	1,282	-23	-1.8%	1,321	-62	-4.7%
	Aug	1,257	1,280	-23	-1.8%	1,326	-69	-5.2%
	Sep	1,241	1,264	-23	-1.8%	1,313	-72	-5.5%
	Oct	1,212	1,235	-23	-1.9%	1,278	-66	-5.2%
	Winter	1,208	1,231	-23	-1.8%	1,261	-53	-4.2%
	Summer	1,247	1,265	-18	-1.5%	1,312	-65	-5.0%
	Annual	1,228	1,248	-20	-1.6%	1,287	-59	-4.6%

Note 1 Company Forecast
Note 2 Actual data through April. Forecast data beginning June.
Note 3 Actual Data.

		Total Division Use Per Meter						
		2023-2024	Compared to 2022-2023			Compared to 2021-2022		
		Forecast	Actual	Change	Percent Change	Actual	Change	Percent Change
	Column	1	2	3	4	5	6	7
	Reference	Note 1.	Note 2.	(1-2)	(3/2)	Note 3.	(1-5)	(6/5)
	Nov	1.34	1.64	-0.29	-18.0%	1.36	-0.02	-1.6%
	Dec	2.07	2.01	0.06	3.2%	1.92	0.15	7.8%
	Jan	2.54	3.48	-0.94	-26.9%	2.37	0.17	7.3%
	Feb	2.58	3.31	-0.73	-22.2%	1.78	0.80	44.7%
	Mar	2.11	2.05	0.06	2.9%	2.11	0.00	-0.2%
	Apr	1.64	1.87	-0.23	-12.1%	1.57	0.07	4.6%
	May	1.28	1.32	-0.04	-2.8%	0.90	0.38	41.9%
	Jun	1.03	1.03	0.00	0.0%	0.91	0.12	13.5%
	Jul	0.92	0.92	0.00	0.0%	0.89	0.03	3.0%
	Aug	0.92	0.92	0.00	0.0%	0.81	0.11	13.1%
	Sep	0.92	0.92	0.00	0.0%	0.90	0.02	2.5%
	Oct	1.00	1.00	0.00	0.0%	0.80	0.21	26.0%
	Winter	12.27	14.33	-2.06	-14.4%	11.11	1.17	10.5%
	Summer	6.07	6.11	-0.03	-0.5%	5.21	0.86	16.6%
	Annual	18.25	20.32	-2.07	-10.2%	16.20	2.03	12.5%

Note 1 Column 1 of Billed Deliveries table divided by Column 1 of Meter Counts table.
Note 2 Column 2 of Billed Deliveries table divided by Column 2 of Meter Counts table.
Note 3 Column 7 of Billed Deliveries table divided by Column 5 of Meter Counts table.

Northern Utilities, Inc.
New Hampshire Division
Billed Distribution Service Volumes and Meter Counts

		Residential Heat Metered Deliveries (Dth)										
		2023-2024	2023-2024 Compared to 2022-2023					2023-2024 Compared to 2021-2022				
		Forecast	2022-2023 Normal	Change	Percent Change	Change Due to Meter Count	Change Due to Load Pattern	2021-2022 Normal	Change	Percent Change	Change Due to Meter Count	Change Due to Load Pattern
	Column	1	2	3	4	5	6	7	8	9	10	11
	Reference	Note 1.	Note 2.	(1-2)	(3/2)	Note 3.	(3-5)	Note 4.	(1-5)	(6/5)	Note 5.	(8-10)
	Nov	127,975	97,589	30,386	31.1%	2,663	27,723	115,296	12,680	11.0%	5,513	7,167
	Dec	260,209	216,141	44,068	20.4%	5,665	38,403	239,812	20,398	8.5%	10,096	10,302
	Jan	354,252	306,903	47,348	15.4%	8,245	39,103	331,509	22,743	6.9%	13,947	8,796
	Feb	359,500	307,909	51,591	16.8%	7,979	43,612	350,633	8,867	2.5%	14,876	-6,010
	Mar	304,878	276,955	27,923	10.1%	7,186	20,737	289,309	15,569	5.4%	12,054	3,515
	Apr	198,419	175,471	22,948	13.1%	4,839	18,109	173,551	24,868	14.3%	7,441	17,427
	May	105,572	97,032	8,540	8.8%	2,761	5,779	106,132	-560	-0.5%	4,563	-5,124
	Jun	45,122	47,028	-1,906	-4.1%	1,076	-2,982	47,445	-2,323	-4.9%	1,832	-4,156
	Jul	21,780	24,216	-2,435	-10.1%	555	-2,990	34,862	-13,082	-37.5%	1,408	-14,490
	Aug	21,572	24,017	-2,445	-10.2%	551	-2,996	30,737	-9,165	-29.8%	1,419	-10,583
	Sep	21,417	23,879	-2,463	-10.3%	547	-3,010	34,090	-12,674	-37.2%	1,560	-14,234
	Oct	47,658	49,562	-1,904	-3.8%	1,129	-3,033	58,986	-11,328	-19.2%	2,784	-14,112
	Winter	1,605,233	1,380,968	224,264	16.2%	36,577	187,687	1,500,109	105,123	7.0%	64,733	40,391
	Summer	263,120	265,734	-2,613	-1.0%	6,618	-9,231	312,252	-49,132	-15.7%	13,591	-62,723
	Annual	1,868,353	1,646,702	221,651	13.5%	43,195	178,456	1,812,361	55,992	3.1%	78,546	-22,554

Note 1 Company Forecast
Note 2 Actual, weather normalized data through April. Forecast data beginning June.
Note 3 Column 3 of Meter Counts table times Column 2 of Use Per Meter table.
Note 4 Actual, weather normalized data through May. Forecast data beginning June.
Note 5 Column 6 of Meter Counts table times Column 5 of Use Per Meter table.

		Total Division Meter Counts						
		2023-2024	Compared to 2022-2023			Compared to 2021-2022		
		Forecast	Actual	Change	Percent Change	Actual	Change	Percent Change
	Column	1	2	3	4	5	6	7
	Reference	Note 1.	Note 2.	(1-2)	(3/2)	Note 3.	(1-5)	(6/5)
	Nov	28,685	27,923	762	2.7%	27,376	1,309	4.8%
	Dec	28,736	28,002	734	2.6%	27,575	1,161	4.2%
	Jan	28,781	28,028	753	2.7%	27,619	1,162	4.2%
	Feb	28,816	28,088	728	2.6%	27,643	1,173	4.2%
	Mar	28,831	28,102	729	2.6%	27,678	1,153	4.2%
	Apr	28,862	28,087	775	2.8%	27,675	1,187	4.3%
	May	28,765	27,969	796	2.8%	27,579	1,186	4.3%
	Jun	28,620	27,980	640	2.3%	27,556	1,064	3.9%
	Jul	28,674	28,032	642	2.3%	27,561	1,113	4.0%
	Aug	28,728	28,084	644	2.3%	27,461	1,267	4.6%
	Sep	28,857	28,211	646	2.3%	27,594	1,263	4.6%
	Oct	29,066	28,419	647	2.3%	27,756	1,310	4.7%
	Winter	28,785	28,038	747	2.7%	27,594	1,191	4.3%
	Summer	28,785	28,116	669	2.4%	27,585	1,201	4.4%
	Annual	28,785	28,077	708	2.5%	27,589	1,196	4.3%

Note 1 Company Forecast
Note 2 Actual data through April. Forecast data beginning June.
Note 3 Actual Data.

		Total Division Use Per Meter						
		2023-2024	Compared to 2022-2023			Compared to 2021-2022		
		Forecast	Actual	Change	Percent Change	Actual	Change	Percent Change
	Column	1	2	3	4	5	6	7
	Reference	Note 1.	Note 2.	(1-2)	(3/2)	Note 3.	(1-5)	(6/5)
	Nov	4.46	3.49	0.97	27.7%	4.21	0.25	5.9%
	Dec	9.06	7.72	1.34	17.3%	8.70	0.36	4.1%
	Jan	12.31	10.95	1.36	12.4%	12.00	0.31	2.5%
	Feb	12.48	10.96	1.51	13.8%	12.68	-0.21	-1.6%
	Mar	10.57	9.86	0.72	7.3%	10.45	0.12	1.2%
	Apr	6.87	6.25	0.63	10.0%	6.27	0.60	9.6%
	May	3.67	3.47	0.20	5.8%	3.85	-0.18	-4.6%
	Jun	1.58	1.68	-0.10	-6.2%	1.72	-0.15	-8.4%
	Jul	0.76	0.86	-0.10	-12.1%	1.26	-0.51	-39.9%
	Aug	0.75	0.86	-0.10	-12.2%	1.12	-0.37	-32.9%
	Sep	0.74	0.85	-0.10	-12.3%	1.24	-0.49	-39.9%
	Oct	1.64	1.74	-0.10	-6.0%	2.13	-0.49	-22.8%
	Winter	55.77	49.25	6.51	13.2%	54.36	1.43	2.6%
	Summer	9.14	9.45	-0.31	-3.3%	11.32	-2.18	-19.2%
	Annual	64.91	58.65	6.26	10.7%	65.69	-0.74	-1.1%

Note 1 Column 1 of Billed Deliveries table divided by Column 1 of Meter Counts table.
Note 2 Column 2 of Billed Deliveries table divided by Column 2 of Meter Counts table.
Note 3 Column 7 of Billed Deliveries table divided by Column 5 of Meter Counts table.

Northern Utilities, Inc.
New Hampshire Division
Billed Distribution Service Volumes and Meter Counts

		Total Division C&I Metered Deliveries (Dth)										
		2023-2024	2023-2024 Compared to 2022-2023					2023-2024 Compared to 2021-2022				
		Forecast	2022-2023 Normal	Change	Percent Change	Change Due to Meter Count	Change Due to Load Pattern	2021-2022 Normal	Change	Percent Change	Change Due to Meter Count	Change Due to Load Pattern
	Column	1	2	3	4	5	6	7	8	9	10	11
	Reference	Note 1.	Note 2.	(1-2)	(3/2)	Note 3.	(3-5)	Note 4.	(1-5)	(6/5)	Note 5.	(8-10)
	Nov	523,595	526,903	-3,308	-0.6%	4,015	-7,324	518,145	5,450	1.1%	5,708	-258
	Dec	717,913	694,276	23,637	3.4%	6,044	17,593	670,845	47,068	7.0%	7,445	39,623
	Jan	878,429	888,080	-9,651	-1.1%	8,153	-17,804	865,174	13,254	1.5%	8,672	4,582
	Feb	867,971	867,786	185	0.0%	7,565	-7,380	834,709	33,262	4.0%	8,798	24,464
	Mar	782,532	781,625	907	0.1%	6,118	-5,211	781,170	1,362	0.2%	11,945	-10,583
	Apr	605,557	597,240	8,317	1.4%	5,003	3,314	584,438	21,119	3.6%	8,289	12,830
	May	460,828	453,905	6,923	1.5%	3,382	3,541	437,721	23,108	5.3%	5,334	17,774
	Jun	359,065	357,447	1,618	0.5%	2,358	-741	346,519	12,546	3.6%	4,747	7,799
	Jul	340,560	338,740	1,821	0.5%	2,243	-423	308,149	32,412	10.5%	3,958	28,454
	Aug	340,333	338,466	1,867	0.6%	2,242	-375	329,096	11,236	3.4%	5,473	5,763
	Sep	355,515	353,664	1,851	0.5%	2,342	-492	342,754	12,760	3.7%	3,933	8,827
	Oct	396,539	395,000	1,539	0.4%	2,566	-1,028	389,018	7,521	1.9%	4,708	2,814
	Winter	4,375,997	4,355,911	20,086	0.5%	36,899	-16,813	4,254,482	121,515	2.9%	51,145	70,370
	Summer	2,252,839	2,237,222	15,618	0.7%	15,134	483	2,153,256	99,583	4.6%	28,310	71,274
	Annual	6,628,836	6,593,133	35,704	0.5%	52,033	-16,329	6,407,738	221,099	3.5%	80,589	140,510

Note 1 Company Forecast
Note 2 Actual, weather normalized data through April. Forecast data beginning June.
Note 3 Column 3 of Meter Counts table times Column 2 of Use Per Meter table.
Note 4 Actual, weather normalized data through May. Forecast data beginning June.
Note 5 Column 6 of Meter Counts table times Column 5 of Use Per Meter table.

		Total Division Meter Counts						
		2023-2024	Compared to 2022-2023			Compared to 2021-2022		
		Forecast	Actual	Change	Percent Change	Actual	Change	Percent Change
	Column	1	2	3	4	5	6	7
	Reference	Note 1.	Note 2.	(1-2)	(3/2)	Note 3.	(1-5)	(6/5)
	Nov	7,199	7,145	54	0.8%	7,121	78	1.1%
	Dec	7,248	7,185	63	0.9%	7,168	80	1.1%
	Jan	7,260	7,194	66	0.9%	7,188	72	1.0%
	Feb	7,270	7,207	63	0.9%	7,194	76	1.1%
	Mar	7,265	7,209	56	0.8%	7,156	109	1.5%
	Apr	7,222	7,162	60	0.8%	7,121	101	1.4%
	May	7,109	7,056	53	0.7%	7,023	86	1.2%
	Jun	7,035	6,989	46	0.7%	6,940	95	1.4%
	Jul	7,013	6,967	46	0.7%	6,924	89	1.3%
	Aug	7,017	6,971	46	0.7%	6,902	115	1.7%
	Sep	7,021	6,974	46	0.7%	6,941	80	1.1%
	Oct	7,157	7,110	46	0.6%	7,071	86	1.2%
	Winter	7,244	7,184	60	0.8%	7,158	86	1.2%
	Summer	7,058	7,011	47	0.7%	6,967	92	1.3%
	Annual	7,151	7,097	54	0.8%	7,062	89	1.3%

Note 1 Company Forecast
Note 2 Actual data through April. Forecast data beginning June.
Note 3 Actual Data.

		Total Division Use Per Meter						
		2023-2024	Compared to 2022-2023			Compared to 2021-2022		
		Forecast	Actual	Change	Percent Change	Actual	Change	Percent Change
	Column	1	2	3	4	5	6	7
	Reference	Note 1.	Note 2.	(1-2)	(3/2)	Note 3.	(1-5)	(6/5)
	Nov	72.73	73.74	-1.02	-1.4%	72.76	-0.04	0.0%
	Dec	99.06	96.63	2.43	2.5%	93.59	5.47	5.8%
	Jan	120.99	123.45	-2.45	-2.0%	120.36	0.63	0.5%
	Feb	119.39	120.41	-1.02	-0.8%	116.03	3.37	2.9%
	Mar	107.71	108.42	-0.72	-0.7%	109.16	-1.46	-1.3%
	Apr	83.85	83.39	0.46	0.6%	82.07	1.78	2.2%
	May	64.83	64.33	0.50	0.8%	62.33	2.50	4.0%
	Jun	51.04	51.14	-0.11	-0.2%	49.93	1.11	2.2%
	Jul	48.56	48.62	-0.06	-0.1%	44.50	4.06	9.1%
	Aug	48.50	48.56	-0.05	-0.1%	47.68	0.82	1.7%
	Sep	50.64	50.71	-0.07	-0.1%	49.38	1.26	2.5%
	Oct	55.41	55.55	-0.14	-0.3%	55.02	0.39	0.7%
	Winter	604.08	606.36	-2.28	-0.4%	594.37	9.75	1.6%
	Summer	319.17	319.09	0.08	0.0%	309.07	10.14	3.3%
	Annual	926.95	928.95	-2.00	-0.2%	907.30	19.89	2.2%

Note 1 Column 1 of Billed Deliveries table divided by Column 1 of Meter Counts table.
Note 2 Column 2 of Billed Deliveries table divided by Column 2 of Meter Counts table.
Note 3 Column 7 of Billed Deliveries table divided by Column 5 of Meter Counts table.

Northern Utilities, Inc.
New Hampshire Division
Sales Service Deliveries Forecast by Rate Class

Forecast Calendar Month Sales Service Deliveries (Dth)

Month	Res Non-Heat	Res Heat	G40	G50	G41	G51	G42	G52	Special Contracts	Total Division
Nov-23	1,946	210,650	102,023	10,357	65,968	16,830	19,814	5,359	0	432,947
Dec-23	2,846	308,135	149,238	15,150	96,497	24,619	28,984	7,839	0	633,307
Jan-24	3,314	358,764	173,759	17,639	112,353	28,664	33,746	9,127	0	737,366
Feb-24	2,879	311,659	150,945	15,323	97,601	24,900	29,315	7,929	0	640,550
Mar-24	2,445	264,712	128,207	13,015	82,899	21,149	24,899	6,734	0	544,062
Apr-24	1,398	151,313	73,285	7,440	47,386	12,089	14,233	3,849	0	310,993
May-24	1,633	56,733	24,869	13,073	20,394	18,680	8,346	8,374	0	152,103
Jun-24	1,057	36,714	16,094	8,460	13,198	12,088	5,401	5,419	0	98,430
Jul-24	903	31,370	13,751	7,228	11,277	10,329	4,615	4,630	0	84,103
Aug-24	913	31,716	13,903	7,308	11,401	10,443	4,666	4,681	0	85,031
Sep-24	1,019	35,383	15,510	8,153	12,719	11,650	5,205	5,223	0	94,863
Oct-24	2,050	71,205	31,213	16,407	25,597	23,445	10,475	10,510	0	190,903
Winter	14,828	1,605,233	777,457	78,925	502,704	128,252	150,991	40,837	0	3,299,225
Summer	7,575	263,120	115,340	60,629	94,586	86,635	38,709	38,838	0	705,432
Total	22,403	1,868,353	892,796	139,554	597,290	214,887	189,700	79,674	0	4,004,657

Forecast Calendar Month Distribution Service Deliveries (Dth)

Month	Res Non-Heat	Res Heat	G40	G50	G41	G51	G42	G52	Special Contracts	Total Division
Nov-23	1,946	210,650	122,554	13,238	157,195	41,619	54,120	150,291	98,143	849,755
Dec-23	2,846	308,135	173,293	18,526	203,385	53,663	70,571	157,798	98,162	1,086,379
Jan-24	3,314	358,764	201,096	21,476	233,825	61,672	81,523	174,184	98,174	1,234,028
Feb-24	2,879	311,659	175,986	18,838	208,871	55,136	69,856	162,361	98,172	1,103,757
Mar-24	2,445	264,712	153,076	16,505	193,404	51,177	63,637	158,475	98,160	1,001,592
Apr-24	1,398	151,313	92,881	10,190	134,462	35,751	44,283	152,123	98,147	720,546
May-24	1,633	56,733	30,141	15,864	46,648	39,220	27,288	151,916	98,147	467,590
Jun-24	1,057	36,714	20,780	10,942	36,538	30,350	18,414	134,946	98,168	387,909
Jul-24	903	31,370	18,271	9,622	33,788	27,941	16,108	142,452	98,200	378,656
Aug-24	913	31,716	18,599	9,795	34,788	28,741	16,573	142,223	98,231	381,579
Sep-24	1,019	35,383	20,351	10,717	36,827	30,512	18,252	143,487	98,247	394,795
Oct-24	2,050	71,205	37,046	19,496	54,642	46,170	32,276	151,867	98,254	513,006
Winter	14,828	1,605,233	918,886	98,772	1,131,141	299,018	383,991	955,231	588,957	5,996,057
Summer	7,575	263,120	145,189	76,435	243,232	202,935	128,910	866,891	589,248	2,523,535
Total	22,403	1,868,353	1,064,075	175,208	1,374,373	501,953	512,900	1,822,122	1,178,205	8,519,593

Forecast Sales Service Percentage

Month	Res Non-Heat	Res Heat	G40	G50	G41	G51	G42	G52	Special Contracts	Total Division
Nov-23	100.0%	100.0%	83.2%	78.2%	42.0%	40.4%	36.6%	3.6%	0.0%	50.9%
Dec-23	100.0%	100.0%	86.1%	81.8%	47.4%	45.9%	41.1%	5.0%	0.0%	58.3%
Jan-24	100.0%	100.0%	86.4%	82.1%	48.0%	46.5%	41.4%	5.2%	0.0%	59.8%
Feb-24	100.0%	100.0%	85.8%	81.3%	46.7%	45.2%	42.0%	4.9%	0.0%	58.0%
Mar-24	100.0%	100.0%	83.8%	78.9%	42.9%	41.3%	39.1%	4.2%	0.0%	54.3%
Apr-24	100.0%	100.0%	78.9%	73.0%	35.2%	33.8%	32.1%	2.5%	0.0%	43.2%
May-24	100.0%	100.0%	82.5%	82.4%	43.7%	47.6%	30.6%	5.5%	0.0%	32.5%
Jun-24	100.0%	100.0%	77.4%	77.3%	36.1%	39.8%	29.3%	4.0%	0.0%	25.4%
Jul-24	100.0%	100.0%	75.3%	75.1%	33.4%	37.0%	28.6%	3.3%	0.0%	22.2%
Aug-24	100.0%	100.0%	74.7%	74.6%	32.8%	36.3%	28.2%	3.3%	0.0%	22.3%
Sep-24	100.0%	100.0%	76.2%	76.1%	34.5%	38.2%	28.5%	3.6%	0.0%	24.0%
Oct-24	100.0%	100.0%	84.3%	84.2%	46.8%	50.8%	32.5%	6.9%	0.0%	37.2%
Winter	100.0%	100.0%	84.6%	79.9%	44.4%	42.9%	39.3%	4.3%	0.0%	55.0%
Summer	100.0%	100.0%	79.4%	79.3%	38.9%	42.7%	30.0%	4.5%	0.0%	28.0%
Total	100.0%	100.0%	83.9%	79.7%	43.5%	42.8%	37.0%	4.4%	0.0%	47.0%

Northern Utilities, Inc.
New Hampshire Division
Sales Service Deliveries Forecast by Rate Class

Forecast Bill Month Sales Service Deliveries (Dth)

Month	Res Non-Heat	Res Heat	G40	G50	G41	G51	G42	G52	Special Contracts	Total Division
Nov-23	1,623	127,975	54,408	9,972	43,492	16,906	18,521	6,337	0	279,234
Dec-23	2,495	260,209	123,029	12,560	80,538	21,314	27,589	6,613	0	534,348
Jan-24	3,065	354,252	173,787	14,847	111,374	24,399	31,750	7,340	0	720,815
Feb-24	3,098	359,500	178,725	15,205	112,928	24,343	31,942	6,925	0	732,665
Mar-24	2,531	304,878	153,488	14,521	94,527	22,882	26,999	6,861	0	626,687
Apr-24	2,016	198,419	94,019	11,819	59,845	18,408	14,191	6,760	0	405,476
May-24	1,606	105,572	44,150	10,150	32,422	16,165	9,193	6,598	0	225,855
Jun-24	1,301	45,122	16,082	10,143	15,197	14,634	5,993	6,002	0	114,474
Jul-24	1,156	21,780	11,203	10,136	9,012	13,636	4,050	6,438	0	77,411
Aug-24	1,155	21,572	11,354	10,129	9,515	13,625	3,603	6,476	0	77,428
Sep-24	1,140	21,417	16,097	10,121	10,757	13,615	5,838	6,562	0	85,547
Oct-24	1,217	47,658	16,452	9,951	17,684	14,960	10,033	6,762	0	124,717
Winter	14,828	1,605,233	777,457	78,925	502,704	128,252	150,991	40,837	0	3,299,225
Summer	7,575	263,120	115,340	60,629	94,586	86,635	38,709	38,838	0	705,432
Total	22,403	1,868,353	892,796	139,554	597,290	214,887	189,700	79,674	0	4,004,657

Forecast Bill Month Distribution Service Deliveries (Dth)

Month	Res Non-Heat	Res Heat	G40	G50	G41	G51	G42	G52	Special Contracts	Total Division
Nov-23	1,623	127,975	65,821	12,440	103,758	39,337	52,827	151,269	98,143	653,194
Dec-23	2,495	260,209	145,638	15,687	183,043	49,634	69,176	156,573	98,162	980,617
Jan-24	3,065	354,252	204,412	18,567	248,489	56,862	79,527	172,397	98,174	1,235,746
Feb-24	3,098	359,500	212,525	19,038	247,620	56,775	72,483	161,357	98,172	1,230,569
Mar-24	2,531	304,878	177,352	18,205	211,068	53,410	65,737	158,602	98,160	1,089,940
Apr-24	2,016	198,419	113,138	14,836	137,162	43,001	44,241	155,033	98,147	805,992
May-24	1,606	105,572	54,668	12,756	79,192	37,792	28,134	150,139	98,147	568,006
Jun-24	1,301	45,122	20,429	12,763	38,929	34,240	19,006	135,529	98,168	405,488
Jul-24	1,156	21,780	14,380	12,770	23,479	31,929	15,543	144,260	98,200	363,497
Aug-24	1,155	21,572	14,389	12,777	23,479	31,930	15,509	144,018	98,231	363,059
Sep-24	1,140	21,417	20,366	12,784	28,477	31,930	18,884	144,827	98,247	378,071
Oct-24	1,217	47,658	20,958	12,585	49,676	35,113	31,833	148,119	98,254	445,414
Winter	14,828	1,605,233	918,886	98,772	1,131,141	299,018	383,991	955,231	588,957	5,996,057
Summer	7,575	263,120	145,189	76,435	243,232	202,935	128,910	866,891	589,248	2,523,535
Total	22,403	1,868,353	1,064,075	175,208	1,374,373	501,953	512,900	1,822,122	1,178,205	8,519,593

Forecast Sales Service Percentage

Month	Res Non-Heat	Res Heat	G40	G50	G41	G51	G42	G52	Special Contracts	Total Division
Nov-23	100.0%	100.0%	82.7%	80.2%	41.9%	43.0%	35.1%	4.2%	0.0%	42.7%
Dec-23	100.0%	100.0%	84.5%	80.1%	44.0%	42.9%	39.9%	4.2%	0.0%	54.5%
Jan-24	100.0%	100.0%	85.0%	80.0%	44.8%	42.9%	39.9%	4.3%	0.0%	58.3%
Feb-24	100.0%	100.0%	84.1%	79.9%	45.6%	42.9%	44.1%	4.3%	0.0%	59.5%
Mar-24	100.0%	100.0%	86.5%	79.8%	44.8%	42.8%	41.1%	4.3%	0.0%	57.5%
Apr-24	100.0%	100.0%	83.1%	79.7%	43.6%	42.8%	32.1%	4.4%	0.0%	50.3%
May-24	100.0%	100.0%	80.8%	79.6%	40.9%	42.8%	32.7%	4.4%	0.0%	39.8%
Jun-24	100.0%	100.0%	78.7%	79.5%	39.0%	42.7%	31.5%	4.4%	0.0%	28.2%
Jul-24	100.0%	100.0%	77.9%	79.4%	38.4%	42.7%	26.1%	4.5%	0.0%	21.3%
Aug-24	100.0%	100.0%	78.9%	79.3%	40.5%	42.7%	23.2%	4.5%	0.0%	21.3%
Sep-24	100.0%	100.0%	79.0%	79.2%	37.8%	42.6%	30.9%	4.5%	0.0%	22.6%
Oct-24	100.0%	100.0%	78.5%	79.1%	35.6%	42.6%	31.5%	4.6%	0.0%	28.0%
Winter	100.0%	100.0%	84.6%	79.9%	44.4%	42.9%	39.3%	4.3%	0.0%	55.0%
Summer	100.0%	100.0%	79.4%	79.3%	38.9%	42.7%	30.0%	4.5%	0.0%	28.0%
Total	100.0%	100.0%	83.9%	79.7%	43.5%	42.8%	37.0%	4.4%	0.0%	47.0%

Northern Utilities, Inc.
New Hampshire Division
Estimation of Northern - New Hampshire City-Gate Sendout Requirement

Month	Sales Service Deliveries (Dth)	Company Gas Allowance (Percent)	Company Gas Allowance (LAUF and Company Use) (Dth)	Estimated Division Sales Service Sendout (Dth)	Estimated Company-Managed Sales	Total Estimated City-Gate Sendout Requirement
Nov-23	432,947	0.72%	3,140	436,087	24,450	460,537
Dec-23	633,307	0.72%	4,593	637,900	26,159	664,059
Jan-24	737,366	0.72%	5,348	742,714	31,248	773,962
Feb-24	640,550	0.72%	4,646	645,196	24,172	669,368
Mar-24	544,062	0.72%	3,945	548,007	25,110	573,117
Apr-24	310,993	0.72%	2,255	313,248	0	313,248
May-24	152,103	0.72%	1,103	153,206	0	153,206
Jun-24	98,430	0.72%	714	99,144	0	99,144
Jul-24	84,103	0.72%	610	84,713	0	84,713
Aug-24	85,031	0.72%	617	85,648	0	85,648
Sep-24	94,863	0.72%	688	95,551	0	95,551
Oct-24	190,903	0.72%	1,384	192,287	0	192,287
Winter	3,299,225	0	23,927	3,323,152	131,139	3,454,291
Summer	705,432	0	5,117	710,549	0	710,549
Total	4,004,657	0	29,044	4,033,701	0	4,164,840

Northern Utilities, Inc.
New Hamphire Division
Sales Service Meters Forecast by Rate Class

Forecast Bill Month Sales Service Meters

Month	Res Non-Heat	Res Heat	G40	G50	G41	G51	G42	G52	Special Contracts	Total Division
Nov-23	1,210	28,685	4,794	740	374	145	13	4	0	35,965
Dec-23	1,206	28,736	4,835	742	374	145	13	4	0	36,055
Jan-24	1,206	28,781	4,846	743	374	145	13	4	0	36,111
Feb-24	1,201	28,816	4,854	743	374	145	13	4	0	36,150
Mar-24	1,200	28,831	4,846	747	374	145	13	4	0	36,160
Apr-24	1,226	28,862	4,795	759	374	145	13	4	0	36,177
May-24	1,253	28,765	4,693	759	374	145	13	4	0	36,006
Jun-24	1,261	28,620	4,627	760	374	145	13	4	0	35,803
Jul-24	1,259	28,674	4,606	760	374	145	13	4	0	35,835
Aug-24	1,257	28,728	4,609	761	374	145	13	4	0	35,891
Sep-24	1,241	28,857	4,612	761	374	145	13	4	0	36,007
Oct-24	1,212	29,066	4,746	749	374	145	13	4	0	36,309
Winter	7,249	172,710	28,970	4,475	2,244	869	78	23	0	216,617
Summer	7,483	172,711	27,894	4,550	2,244	869	77	23	0	215,850
Total	14,731	345,421	56,864	9,025	4,487	1,738	154	46	0	432,467

Forecast Bill Month Distribution Service Meters

Month	Res Non-Heat	Res Heat	G40	G50	G41	G51	G42	G52	Special Contracts	Total Division
Nov-23	1,210	28,685	5,337	833	686	278	29	35	2	37,094
Dec-23	1,206	28,736	5,384	835	686	278	28	35	2	37,190
Jan-24	1,206	28,781	5,395	836	686	278	28	35	2	37,247
Feb-24	1,201	28,816	5,405	836	686	278	28	35	2	37,287
Mar-24	1,200	28,831	5,395	841	686	278	28	35	2	37,297
Apr-24	1,226	28,862	5,339	854	686	278	28	35	2	37,309
May-24	1,253	28,765	5,225	854	686	278	28	36	2	37,126
Jun-24	1,261	28,620	5,151	855	686	278	28	36	2	36,916
Jul-24	1,259	28,674	5,129	855	686	278	28	36	2	36,946
Aug-24	1,257	28,728	5,132	856	686	278	28	36	2	37,002
Sep-24	1,241	28,857	5,135	856	686	278	28	36	2	37,119
Oct-24	1,212	29,066	5,285	843	686	278	28	36	2	37,434
Winter	7,249	172,710	32,255	5,033	4,115	1,667	170	212	12	223,423
Summer	7,483	172,711	31,057	5,118	4,115	1,667	168	214	12	222,544
Total	14,731	345,421	63,312	10,151	8,229	3,335	338	426	24	445,967

Forecast Sales Service Percentage

	Res Non-Heat	Res Heat	G40	G50	G41	G51	G42	G52	Special Contracts	Total Division
Nov-23	100.0%	100.0%	89.8%	88.9%	54.5%	52.1%	45.7%	10.8%	0.0%	97.0%
Dec-23	100.0%	100.0%	89.8%	88.9%	54.5%	52.1%	45.7%	10.8%	0.0%	96.9%
Jan-24	100.0%	100.0%	89.8%	88.9%	54.5%	52.1%	45.7%	10.8%	0.0%	97.0%
Feb-24	100.0%	100.0%	89.8%	88.9%	54.5%	52.1%	45.7%	10.8%	0.0%	97.0%
Mar-24	100.0%	100.0%	89.8%	88.9%	54.5%	52.1%	45.7%	10.8%	0.0%	97.0%
Apr-24	100.0%	100.0%	89.8%	88.9%	54.5%	52.1%	45.7%	10.8%	0.0%	97.0%
May-24	100.0%	100.0%	89.8%	88.9%	54.5%	52.1%	45.7%	10.8%	0.0%	97.0%
Jun-24	100.0%	100.0%	89.8%	88.9%	54.5%	52.1%	45.7%	10.8%	0.0%	97.0%
Jul-24	100.0%	100.0%	89.8%	88.9%	54.5%	52.1%	45.7%	10.8%	0.0%	97.0%
Aug-24	100.0%	100.0%	89.8%	88.9%	54.5%	52.1%	45.7%	10.8%	0.0%	97.0%
Sep-24	100.0%	100.0%	89.8%	88.9%	54.5%	52.1%	45.7%	10.8%	0.0%	97.0%
Oct-24	100.0%	100.0%	89.8%	88.9%	54.5%	52.1%	45.7%	10.8%	0.0%	97.0%
Winter	100.0%	100.0%	89.8%	88.9%	54.5%	52.1%	45.7%	10.8%	0.0%	97.0%
Summer	100.0%	100.0%	89.8%	88.9%	54.5%	52.1%	45.7%	10.8%	0.0%	97.0%
Total	100.0%	100.0%	89.8%	88.9%	54.5%	52.1%	45.7%	10.8%	0.0%	97.0%

Forecast Bill Month Transportation Service Meters

Month	Res Non-Heat	Res Heat	G40	G50	G41	G51	G42	G52	Special Contracts	Total Division
Nov-23	0	0	544	92	312	133	15	31	2	1,130
Dec-23	0	0	548	93	312	133	15	32	2	1,135
Jan-24	0	0	549	93	312	133	15	32	2	1,136
Feb-24	0	0	550	93	312	133	15	32	2	1,137
Mar-24	0	0	549	93	312	133	15	32	2	1,137
Apr-24	0	0	544	95	312	133	15	32	2	1,132
May-24	0	0	532	95	312	133	15	32	2	1,121
Jun-24	0	0	525	95	312	133	15	32	2	1,113
Jul-24	0	0	522	95	312	133	15	32	2	1,111
Aug-24	0	0	523	95	312	133	15	32	2	1,111
Sep-24	0	0	523	95	312	133	15	32	2	1,112
Oct-24	0	0	538	93	312	133	15	32	2	1,126
Winter	0	0	3,285	558	1,871	798	92	189	12	6,806
Summer	0	0	3,163	568	1,871	798	91	191	12	6,694
Total	0	0	6,448	1,126	3,742	1,597	184	380	24	13,501

Northern Utilities, Inc.
New Hampshire Division
Lost and Unaccounted For, Company Use and Therm Factor Data

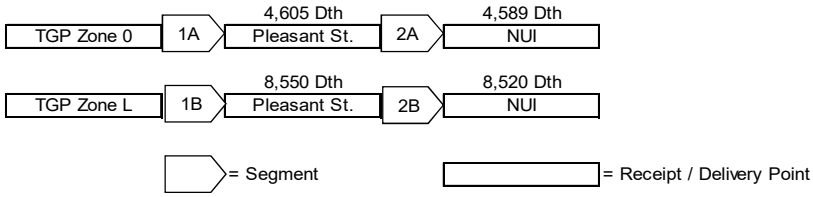
Month	GSGT - NH City-Gates (MCF)	Therm Factor	Total - NH City-Gate (Dth)	Total System Billed Sales (Dth)	Company Use (Dth)	Lost and Unaccounted For (Dth)	Company Gas Allowance (Dth)
May-19	545,305	1.0288	560,999	632,152	100	(71,253)	(71,153)
Jun-19	388,772	1.0290	400,027	430,402	58	(30,433)	(30,375)
Jul-19	365,810	1.0287	376,320	391,025	83	(14,788)	(14,705)
Aug-19	374,614	1.0280	385,103	380,773	140	4,190	4,330
Sep-19	394,298	1.0283	405,449	375,182	100	30,167	30,267
Oct-19	534,087	1.0295	549,837	485,412	89	64,336	64,425
Nov-19	930,426	1.0352	963,214	698,187	84	264,943	265,027
Dec-19	1,075,165	1.0460	1,124,591	1,016,439	240	107,912	108,152
Jan-20	1,077,141	1.0437	1,124,212	1,130,012	294	(6,094)	(5,800)
Feb-20	1,041,031	1.0434	1,086,254	1,133,790	289	(47,825)	(47,536)
Mar-20	839,434	1.0376	871,030	1,005,450	257	(134,678)	(134,420)
Apr-20	651,269	1.0343	673,594	707,068	180	(33,654)	(33,474)
May-20	441,527	1.0303	454,923	565,494	141	(110,712)	(110,571)
Jun-20	344,089	1.0300	354,401	396,102	60	(41,761)	(41,701)
Jul-20	332,377	1.0285	341,836	347,264	64	(5,491)	(5,428)
Aug-20	341,582	1.0299	351,806	330,714	89	21,002	21,092
Sep-20	387,752	1.0284	398,768	386,921	118	11,729	11,847
Oct-20	569,808	1.0286	586,110	452,418	61	133,631	133,692
Nov-20	740,493	1.0331	765,011	649,932	98	114,981	115,079
Dec-20	1,058,690	1.0409	1,101,990	928,725	171	173,094	173,265
Jan-21	1,172,543	1.0407	1,220,219	1,116,106	263	103,850	104,113
Feb-21	1,086,893	1.0402	1,130,630	1,198,239	328	(67,937)	(67,609)
Mar-21	942,363	1.0334	973,866	1,164,215	327	(190,676)	(190,349)
Apr-21	652,284	1.0292	671,331	720,560	162	(49,391)	(49,229)
May-21	477,820	1.0277	491,036	574,913	99	(83,976)	(83,877)
Jun-21	356,750	1.0276	366,610	396,067	78	(29,534)	(29,457)
Jul-21	374,108	1.0291	384,987	399,525	99	(14,637)	(14,538)
Aug-21	353,826	1.0298	364,375	365,909	106	(1,640)	(1,534)
Sep-21	365,636	1.0308	376,896	366,792	116	9,988	10,104
Oct-21	481,205	1.0320	496,620	414,132	83	82,405	82,488
Nov-21	795,667	1.0355	823,904	630,532	64	193,307	193,372
Dec-21	960,815	1.0382	997,512	923,454	167	73,891	74,058
Jan-22	1,355,286	1.0450	1,416,262	1,221,800	298	194,164	194,462
Feb-22	1,057,323	1.0407	1,100,404	1,251,054	1,231	(151,881)	(150,650)
Mar-22	925,084	1.0359	958,280	1,089,874	423	(132,017)	(131,594)
Apr-22	649,789	1.0335	671,534	764,913	834	(94,213)	(93,379)
May-22	446,271	1.0326	460,839	566,608	88	(105,856)	(105,769)
Jun-22	365,692	1.0300	376,652	397,046	39	(20,433)	(20,394)
Jul-22	325,481	1.0296	335,103	344,188	92	(9,177)	(9,085)
Aug-22	353,037	1.0298	363,572	360,909	136	2,527	2,663
Sep-22	382,596	1.0306	394,295	378,021	95	16,179	16,274
Oct-22	527,068	1.0316	543,727	471,109	63	72,555	72,618
Nov-22	731,391	1.0339	756,166	592,038	70	164,058	164,128
Dec-22	1,027,729	1.0418	1,070,645	911,490	167	158,988	159,155
Jan-23	1,062,361	1.0400	1,104,817	1,144,246	300	(39,730)	(39,429)
Feb-23	1,028,619	1.0397	1,069,474	1,144,535	325	(75,386)	(75,061)
Mar-23	939,677	1.0373	974,695	1,064,133	290	(89,729)	(89,438)
Apr-23	626,843	1.0307	646,116	758,145	212	(112,241)	(112,029)
Total	32,257,827	1.0359	33,416,042	33,174,014	9,274	232,754	242,028
48-Month Average					0.03%	0.69%	0.72%

Table 3. Northern Capacity Summary (Dth/Day)

Pipeline Capacity Paths	
Tennessee Zone 0 and Zone L Pools	13,109
Tennessee Niagara	2,327
Iroquois Receipts	6,434
Leidy Hub Supply (Texas Eastern, Algonquin)	965
Transco Zone 6, non-NY Supply (Algonquin)	286
Atlantic Bridge Ramapo	7,500
Total Pipeline Capacity	30,621
Storage Capacity Paths	
Tennessee Firm Storage	2,644
Dawn Hub Storage	59,793
Total Storage Capacity	62,437
Peaking Capacity Paths	
LNG - On-System	6,500
Peaking Contract 1	29,895
Peaking Contract 2	9,965
Additional Granite Capacity	3,426
Total Peaking Capacity	49,786
Total Design Day Capacity	142,844
Empress Capacity Effective April 1, 2024	12,456

Northern Utilities, Inc.
Capacity Path Diagram and Detail
Source of Supply: Tennessee Zone 0 100 Leg, Zone L 500 and 800 Leg Pools

Capacity Path Diagram



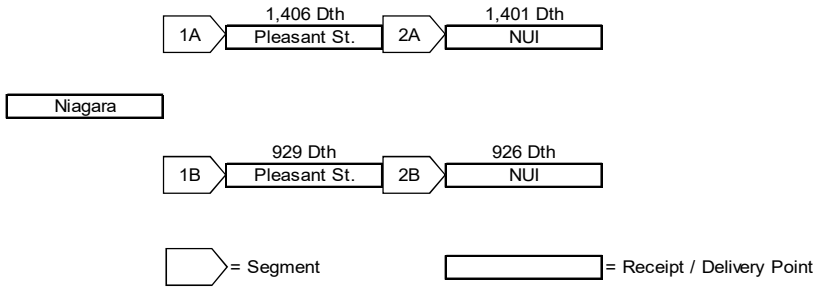
Capacity Path Detail

Segment	Product	Vendor	Contract ID	Rate Schedule	Contract Termination Date	Northern MDQ	Dth / GJ	Availability	Receipt Point	Delivery Point	Interconnecting Pipeline
1A[1]	Transportation	Tennessee	5083	FT-A	10/31/2028	4,605	Dth	Year-Round	Zone 0, 100 Leg	Pleasant St.	Granite
2A	Transportation	Granite	19-100-FT-NN	FT-NN	10/31/2024	4,589	Dth	Year-Round	Granite	Northern City Gates	
1B[1]	Transportation	Tennessee	5083	FT-A	10/31/2028	8,550	Dth	Year-Round	Zone L, 500 & 800 Legs	Pleasant St.	Granite
2B	Transportation	Granite	19-100-FT-NN	FT-NN	10/31/2024	8,520	Dth	Year-Round	Granite	Northern City Gates	
Total Path Deliverable						13,109	Dth				

Note 1: Tennessee Contract No. 5083 also allows for firm delivery rights to Bay State Gas city gates. As such, Tennessee Production could also be delivered to Bay State City Gates and then exchanged with Bay State via the Base State Exchange for delivery to Northern. Northern intends to extend this contract five years to 10/31/2028 prior to the 2022-2023 Winter Period.

Northern Utilities, Inc.
Capacity Path Diagram and Detail
Source of Supply: Niagara (Interconnection of TransCanada and Tennessee Pipelines)

Capacity Path Diagram

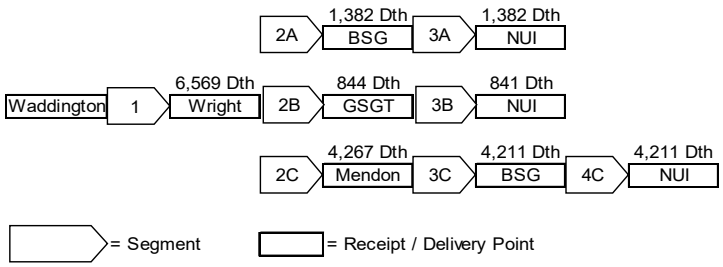


Capacity Path Detail

Segment	Product	Vendor	Contract ID	Rate Schedule	Contract Termination Date	Northern MDQ	Dth / GJ	Availability	Receipt Point	Delivery Point	Interconnecting Pipeline
1A	Transportation	Tennessee	5292	FT-A	3/31/2025	1,406	Dth	Year-Round	Niagara	Pleasant St.	Granite
2A	Transportation	Granite	19-100-FT-NN	FT-NN	10/31/2024	1,401	Dth	Year-Round	Granite	Northern City Gates	
1B	Transportation	Tennessee	39735	FT-A	3/31/2025	929	Dth	Year-Round	Niagara	Pleasant St.	Granite
2B	Transportation	Granite	19-100-FT-NN	FT-NN	10/31/2024	926	Dth	Year-Round	Granite	Northern City Gates	
Total Path Deliverable						2,327	Dth				

Northern Utilities, Inc.
Capacity Path Diagram and Detail
Source of Supply: Iroquois Receipts

Capacity Path Diagram

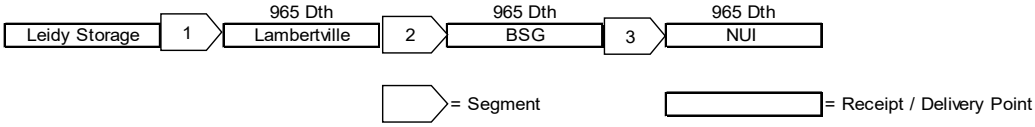


Capacity Path Detail

Segment	Product	Vendor	Contract ID	Rate Schedule	Contract Termination Date	Northern MDQ	Dth / GJ	Availability	Receipt Point	Delivery Point	Interconnecting Pipeline
1	Transportation	Iroquois	R181003	RTS-1	10/31/2024	6,569	Dth	Year-Round	Waddington	Wright	Tennessee
2A	Transportation	Tennessee	95196	FT-A	10/31/2027	1,382	Dth	Year-Round	Wright	Bay State City Gate	
3A	Exchange	Bay State Gas	NA	NA	Renewal Clause	1,382	Dth	Year-Round	Bay State City Gate	Northern City Gates	
2B	Transportation	Tennessee	95196	FT-A	10/31/2027	844	Dth	Year-Round	Wright	Pleasant St.	Granite
3B	Transportation	Granite	19-100-FT-NN	FT-NN	10/31/2024	841	Dth	Year-Round	Granite	Northern City Gates	
2C	Transportation	Tennessee	41099	FT-A	10/31/2027	4,267	Dth	Year-Round	Wright	Mendon	Algonquin
3C*	Transportation	Algonquin	93200F	AFT-1	10/31/2024	4,211	Dth	Year-Round	Mendon	Bay State City Gate	
4C	Exchange	Bay State Gas	NA	NA	Renewal Clause	4,211	Dth	Year-Round	Bay State City Gate	Northern City Gates	
Total Path Deliverable						6,434	Dth				

Northern Utilities, Inc.
Capacity Path Diagram and Detail
Source of Supply: Algonquin Receipt Points

Capacity Path Diagram



Capacity Path Detail

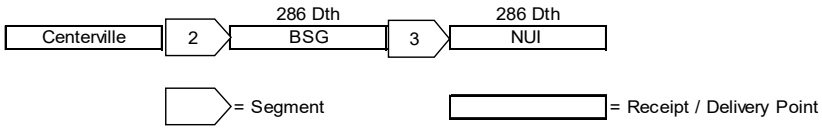
Segment	Product	Vendor	Contract ID	Rate Schedule	Contract Termination Date	Northern MDQ	Dth / GJ	Availability	Receipt Point	Delivery Point	Interconnecting Pipeline
1*	Transportation	Texas Eastern	800384	FT-1	10/31/2027	965	Dth	Year-Round	Leidy Storage	Lambertville, NJ	Algonquin
2**	Transportation	Algonquin	93201A1C	AFT-1 (F-2/F-3)	10/31/2023	965	Dth	Year-Round	Lambertville, NJ	Bay State City Gate	
3	Exchange	Bay State Gas	NA	NA	Renewal Clause	965	Dth	Year-Round	Bay State City Gate	Northern City Gates	
Total Path Deliverable						965	Dth				

* Contract 800384 will extend to 10/31/2029 unless terminated by Northern on or before 10/31/2023. Northern intends to extend this contract.

** Contract 93201A1C will extend to 10/31/2025 unless terminated by Northern on or before 10/31/2023. Northern intends to extend this contract.

Northern Utilities, Inc.
Capacity Path Diagram and Detail
Source of Supply: Algonquin Receipt Points

Capacity Path Diagram



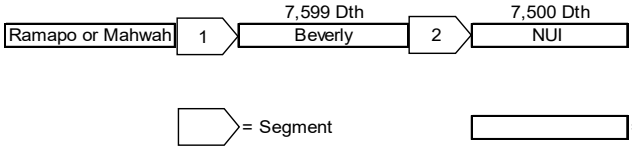
Capacity Path Detail

Segment	Product	Vendor	Contract ID	Rate Schedule	Contract Termination Date	Northern MDQ	Dth / GJ	Availability	Receipt Point	Delivery Point	Interconnecting Pipeline
1*	Transportation	Algonquin	93201A1C	AFT-1 (F-2/F-3)	10/31/2024	286	Dth	Year-Round	Centerville, NJ	Bay State City Gate	
2	Exchange	Bay State Gas	NA	NA	Renewal Clause	286	Dth	Year-Round	Bay State City Gate	Northern City Gates	
Total Path Deliverable						286	Dth				

* Contract 93201A1C will extend to 10/31/2025 unless terminated by Northern on or before 10/31/2023. Northern intends to extend this contract.

Northern Utilities, Inc.
Capacity Path Diagram and Detail
Source of Supply: Atlantic Bridge Ramapo

Capacity Path Diagram

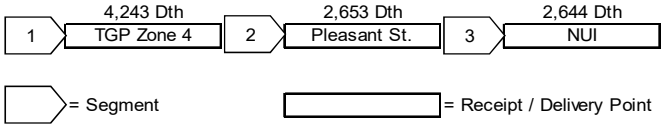


Capacity Path Detail

Segment	Product	Vendor	Contract ID	Rate Schedule	Contract Termination Date	Northern MDQ	Dth / GJ	Availability	Receipt Point	Delivery Point	Interconnecting Pipeline
1	Transportation	Algonquin	510939	FT	2/11/2036	7,599	Dth	Year-Round	Ramapo or Mawhah	Beverly, MA	Maritimes
2	Transportation	Maritimes	210363	FT	2/11/2036	7,500	Dth	Year-Round	Beverly, MA	Northern City Gates	
Total Path Deliverable						7,500	Dth				

Northern Utilities, Inc.
Capacity Path Diagram and Detail
Source of Supply: Tennessee Firm Storage - Market Area

Capacity Path Diagram



Capacity Path Detail

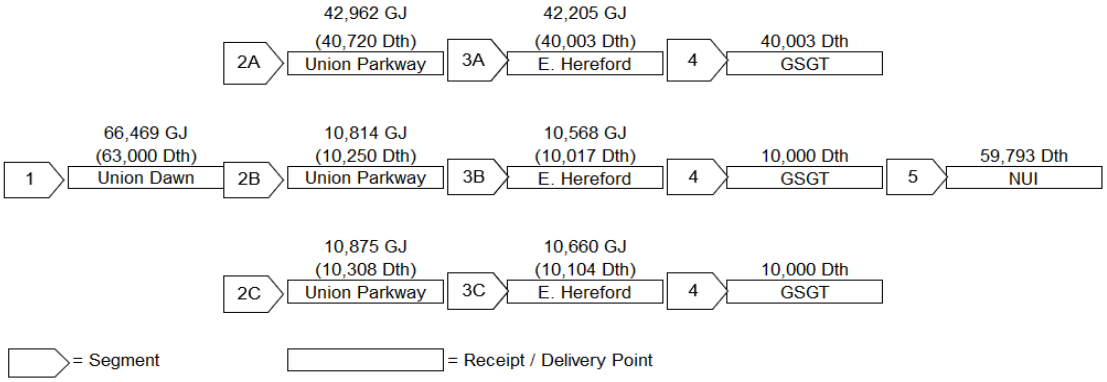
Segment	Product	Vendor	Contract ID	Rate Schedule	Contract Termination Date	Northern MDQ	Dth / GJ	Availability	Receipt Point	Delivery Point	Interconnecting Pipeline
1[1]	Storage	Tennessee	5195	FS-MA	3/31/2025	4,243	Dth	Year-Round	NA	TGP Zone 4	Tennessee
2[2]	Transportation	Tennessee	5265	FT-A	3/31/2025	2,653	Dth	Year-Round	TGP Zone 4	Pleasant St.	Granite
3	Transportation	Granite	19-100-FT-NN	FT-NN	10/31/2024	2,644	Dth	Year-Round	Pleasant St.	Northern City Gates	
Total Path Deliverable						2,644	Dth				

Note 1: Tennessee Contract No. 5195 has a maximum storage quantity of 259,337 Dth.

Note 2: Tennessee Contract No. 5265 also allows for firm delivery rights to Bay State Gas city gates. As such, Tennessee Firm Storage could also be delivered to Bay State City Gates and then exchanged with Bay State via the Base State Exchange for delivery to Northern.

Northern Utilities, Inc.
Capacity Path Diagram and Detail
Source of Supply: Union Dawn Storage

Capacity Path Diagram

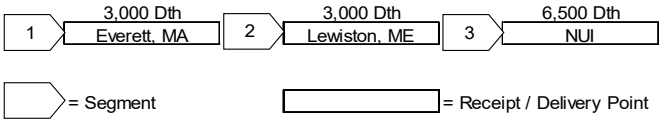


Capacity Path Detail

Segment	Product	Vendor	Contract ID	Rate Schedule	Contract Termination Date	Northern MDQ	Dth / GJ	Availability	Receipt Point	Delivery Point	Interconnecting Pipeline
1	Storage	Union	LST155	Firm Storage (MDWD)	3/31/2028	66,469	GJ	Year-Round	NA	Dawn	Union
1	Storage	Union	LST155	Firm Storage (MSB)	3/31/2028	6,330,336	GJ	Year-Round	NA	Dawn	
1	Storage	Union	LST155	Firm Storage (MDID)	3/31/2028	47,478	GJ	Year-Round	NA	Dawn	
2A	Transportation	Union	M12256	M12	10/31/2033	42,962	GJ	Year-Round	Dawn	Parkway	TransCanada
2B	Transportation	Union	M12296	M12	10/31/2040	10,814	GJ	Year-Round	Dawn	Parkway	TransCanada
2C	Transportation	Union	M12279	M12	10/31/2037	10,875	GJ	Year-Round	Dawn	Parkway	TransCanada
3A-1	Transportation	TransCanada	57901	FT	3/31/2033	35,872	GJ	Year-Round	Parkway	East Hereford	PNGTS
3A-2	Transportation	TransCanada	57055	FT	10/31/2032	6,333	GJ	Year-Round	Parkway	East Hereford	PNGTS
3B	Transportation	TransCanada	63265	FT	10/31/2040	10,568	GJ	Year-Round	Parkway	East Hereford	PNGTS
3C	Transportation	TransCanada	67167	FT	10/31/2037	10,660	GJ	Year-Round	Parkway	East Hereford	PNGTS
4A	Transportation	PNGTS	208543	FT	11/30/2032	40,003	Dth	Year-Round	Pittsburg, NH	Newington, NH	Granite
4B	Transportation	PNGTS	233339	FT	10/31/2040	10,000	Dth	Year-Round	Pittsburg, NH	Newington, NH	Granite
4C	Transportation	PNGTS	240520	FT	10/31/2037	10,000	Dth	Year-Round	Pittsburg, NH	Newington, NH	Granite
5	Transportation	Granite	19-100-FT-NN	FT-NN	10/31/2024	59,793	Dth	Year-Round	Newington, NH	Northern City Gates	
Total Path Deliverable						59,793	Dth				

Northern Utilities, Inc.
Capacity Path Diagram and Detail
Source of Supply: Lewiston LNG Plant

Capacity Path Diagram



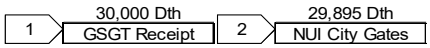
Capacity Path Detail

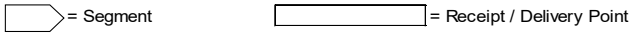
Segment	Product	Vendor	Contract ID	Rate Schedule	Contract Termination Date	Northern MDQ	Dth / GJ	Availability	Receipt Point	Delivery Point	Interconnecting Pipeline
1[1]	LNG Contract	Confidential	NA	NA	5/31/2024	3,000	Dth	Year-Round	Everett, MA	NA	NA
2	LNG Trucking Contract	Confidential			10/31/2024	3,000	Dth	Year-Round	Everett, MA	Lewiston, ME	NA
3	Lewiston LNG Plant	N/A	NA	NA	N/A	6,500	Dth	Year-Round	Lewiston, ME	Northern Distribution System	
Total Path Deliverable						6,500	Dth				

Note 1: The LNG Contract allows Northern to nominate up to 3,000 Dth per day (3 trucks) with an annual maximum take equal to 75,000 Dth. Seller may extend the contract termination date to 10/31/2024.

Northern Utilities, Inc.
Capacity Path Diagram and Detail
Source of Supply: Peaking Contract 1

Capacity Path Diagram





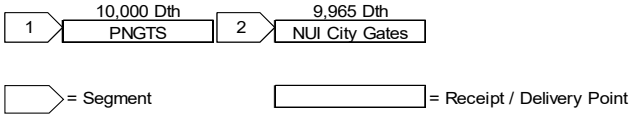
Capacity Path Detail

Segment	Product	Vendor	Contract ID	Rate Schedule	Contract Termination Date	Northern MDQ	Dth / GJ	Availability	Receipt Point	Delivery Point	Interconnecting Pipeline
1[1]	Peaking Supply	Confidential	NA	NA	3/31/2024	30,000	Dth	Winter Only (Nov - Mar)	NA	Westbrook or Lewiston	Granite or Northern City Gates
2	Transportation	Granite	19-100-FT-NN	FT-NN	10/31/2024	29,895	Dth	Year-Round	Westbrook or Lewiston	Northern City Gates	
Total Path Deliverable						29,895	Dth				

Note 1: Peaking Contract 1 allows Northern to nominate up to 30,000 Dth per Day and up to 600,000 Dth from November through March . Contract volumes may also be delivered to NUI - Lewiston in which case no Granite capacity is utilized.

Northern Utilities, Inc.
Capacity Path Diagram and Detail
Source of Supply: Peaking Contract 2

Capacity Path Diagram



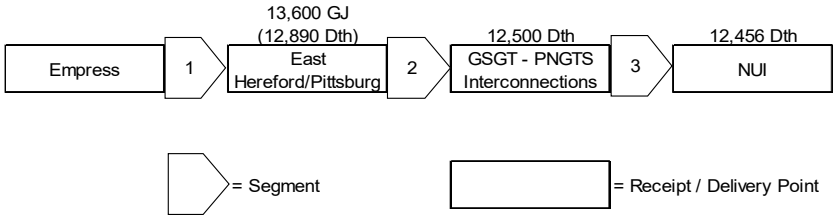
Capacity Path Detail

Segment	Product	Vendor	Contract ID	Rate Schedule	Contract Termination Date	Northern MDQ	Dth / GJ	Availability	Receipt Point	Delivery Point	Interconnecting Pipeline
1[1]	Peaking Supply	Confidential	NA	NA	3/31/2024	10,000	Dth	Winter Only (Nov - Mar)	NA	MNUS / PNGTS	Granite or Northern City Gates
2	Transportation	Granite	19-100-FT-NN	FT-NN	10/31/2024	9,965	Dth	Year-Round	MNUS / PNGTS	Northern City Gates	
Total Path Deliverable						9,965	Dth				

Note 1: Peaking Contract 2 allows Northern to nominate up to 10,000 Dth per Day and up to 50,000 Dth from November through March. Contract volumes may also be delivered to NUI - Lewiston in which case no Granite capacity is utilized.

Northern Utilities, Inc.
Capacity Path Diagram and Detail
Source of Supply: Empress, Alberta

Capacity Path Diagram



Capacity Path Detail

Segment	Product	Vendor	Contract ID	Rate Schedule	Contract Termination Date	Northern MDQ	Dth / GJ	Availability	Receipt Point	Delivery Point	Interconnecting Pipeline
1	Transportation	TransCanada	TBD	FT	4/30/2054	12,890	GJ	Year-Round	Parkway	East Hereford	PNGTS
2	Transportation	PNGTS	TBD	FT	4/30/2054	12,500	Dth	Year-Round	Pittsburg, NH	GSGT - PNGTS Interconnections	Granite
3	Transportation	Granite	19-100-FT-NN	FT-NN	10/31/2024	12,456	Dth	Year-Round	GSGT - PNGTS Interconnections	Northern City Gates	
Total Path Deliverable						12,456	Dth				

Northern Utilities, Inc.
Estimated Gas Supply Demand Costs
November 1, 2023 through October 31, 2024

Line	Description	Estimate	Reference
1.	Pipeline Demand Costs	$ 18,101,384	Page 3 - Pipeline Allocated Cost
2.	Storage Allocated Pipeline Demand Costs	$ 32,519,306	Page 3 - Storage Allocated Cost
3.	Storage Demand Costs	$ 5,098,273	Page 4 - Annual Fixed Charges
4.	Peaking Allocated Pipeline Demand Costs	$ 3,492,781	Page 3 - Peaking Allocated Cost
5.	Peaking Contract Costs	$ 4,034,000	Page 5, Annual Fixed Charges
6.	Asset Management and Capacity Release Revenue	$ (25,974,200)	Page 6 - Total Asset Management and Capacity Release Revenue
7.	Total Demand Costs	$ 37,271,543	Sum Lines 1 through 6.

Pipeline Contract Demand Cost Estimates
November 1, 2023 through October 31, 2024

Capacity Path	Segment	Pipeline	Contract ID	Rate	Negotiated Rate	Maximum Daily Quantity (Dth)	Monthly Demand Rate ($/MDQ)	Months Per Year	Reference (Att NUI-FXW-9, Page 2)	Monthly Demand	Annual Demand
Tennessee Zone 0/L Pools	1A	Tennessee	5083	FT-A	No	4,605	$ 19.6964	12	Line 8	$ 90,702	$ 1,088,423
Tennessee Zone 0/L Pools	2A	Granite	19-100-FT-NN	FT-NN	No	4,589	$ 7.0013	12	Line 3	$ 32,129	$ 385,548
Tennessee Zone 0/L Pools	1B	Tennessee	5083	FT-A	No	8,550	$ 17.4870	12	Line 9	$ 149,514	$ 1,794,166
Tennessee Zone 0/L Pools	2B	Granite	19-100-FT-NN	FT-NN	No	8,520	$ 7.0013	12	Line 3	$ 59,651	$ 715,813
Tennessee Niagara	1A	Tennessee	5292	FT-A	No	1,406	$ 6.0905	12	Line 11	$ 8,563	$ 102,759
Tennessee Niagara	2A	Granite	19-100-FT-NN	FT-NN	No	1,401	$ 7.0013	12	Line 3	$ 9,809	$ 117,706
Tennessee Niagara	1B	Tennessee	39735	FT-A	No	929	$ 6.0905	12	Line 11	$ 5,658	$ 67,897
Tennessee Niagara	2B	Granite	19-100-FT-NN	FT-NN	No	926	$ 7.0013	12	Line 3	$ 6,483	$ 77,798
Iroquois Receipts	1	Iroquois	181003	RTS-1	No	5,715	$ 4.5655	10	Line 4	$ 26,092	$ 260,918
Iroquois Receipts	1	Iroquois	181003	RTS-1	No	854	$ 4.5655	10	Line 4	$ 3,899	$ 38,989
Iroquois Receipts	1	Iroquois	181003	RTS-1	No	5,715	$ 4.2918	2	Line 4	$ 24,528	$ 49,055
Iroquois Receipts	1	Iroquois	181003	RTS-1	No	854	$ 4.2918	2	Line 4	$ 3,665	$ 7,330
Iroquois Receipts	2A	Tennessee	95196	FT-A	No	1,382	$ 6.0905	12	Line 11	$ 8,417	$ 101,005
Iroquois Receipts	2B	Tennessee	95196	FT-A	No	844	$ 6.0905	12	Line 11	$ 5,140	$ 61,685
Iroquois Receipts	3B	Granite	19-100-FT-NN	FT-NN	No	841	$ 7.0013	12	Line 3	$ 5,888	$ 70,657
Iroquois Receipts	2C	Tennessee	41099	FT-A	No	4,267	$ 6.0905	12	Line 11	$ 25,988	$ 311,858
Iroquois Receipts	3C	Algonquin	93002F	AFT-1	No	4,211	$ 8.5927	12	Line 1	$ 36,184	$ 434,206
Leidy Hub	1	Texas Eastern	800384	FT-1	No	965	$ 9.5020	12	Line 12	$ 9,169	$ 110,033
Leidy Hub	2	Algonquin	93201A1C	AFT-1	No	965	$ 8.5927	12	Line 1	$ 8,292	$ 99,503
Transco Zone 6, non-NY	1	Algonquin	93201A1C	AFT-1	No	286	$ 8.5927	12	Line 1	$ 2,458	$ 29,490
Atlantic Bridge	1	Algonquin	510939	AFT	Yes	7,599	$ 54.9170	12	Line 2	$ 417,314	$ 5,007,771
Atlantic Bridge	2	Maritimes	210363	MN365	Yes	7,500	$ 13.3833	12	Line 5	$ 100,375	$ 1,204,500
Empress	1	TransCanada	TBD	FT	No	12,890	$ 41.9137	7	Line 5	$ 540,268	$ 3,781,873
Empress	2	PNGTS	TBD	FT (WXP)	Yes	12,500	$ 24.9417	7	Line 5	$ 311,771	$ 2,182,399
Tennessee Firm Storage	2	Tennessee	5265	FT-A	No	2,653	$ 6.9301	12	Line 10	$ 18,386	$ 220,627
Tennessee Firm Storage	3	Granite	19-100-FT-NN	FT-NN	No	2,644	$ 7.0013	12	Line 3	$ 18,511	$ 222,137
Dawn Hub Storage	2	Union	M12256	M12	No	40,720	$ 2.9980	12	Line 14	$ 122,079	$ 1,464,943
Dawn Hub Storage	1	Union	M12296	M12	No	10,250	$ 2.9980	12	Line 14	$ 30,730	$ 368,754
Dawn Hub Storage	1	Union	M12279	M12	No	10,307	$ 2.9980	12	Line 14	$ 30,900	$ 370,805
Dawn Hub Storage	3A	TransCanada	57901	FT	No	34,000	$ 16.7442	12	Line 13	$ 569,303	$ 6,831,634
Dawn Hub Storage	3B	TransCanada	57055	FT	No	6,003	$ 16.7442	12	Line 13	$ 100,515	$ 1,206,185
Dawn Hub Storage	2	TransCanada	63265	FT	No	10,017	$ 16.7442	12	Line 13	$ 167,727	$ 2,012,720
Dawn Hub Storage	2	TransCanada	TBD	FT	No	10,104	$ 16.7442	12	Line 13	$ 169,183	$ 2,030,201
Dawn Hub Storage	4	PNGTS	208543	FT (C2C)	Yes	40,003	$ 18.2500	12	Line 6	$ 730,055	$ 8,760,657
Dawn Hub Storage	3	PNGTS	233320	FT (PXP)	Yes	10,000	$ 22.6543	12	Line 7	$ 226,543	$ 2,718,520
Dawn Hub Storage	3	PNGTS	240520	FT (WXP)	Yes	10,000	$ 24.9417	12	Line 7	$ 249,417	$ 2,993,004
Dawn Hub Storage	5	Granite	19-100-FT-NN	FT-NN	No	59,079	$ 7.0013	12	Line 3	$ 413,630	$ 4,963,558
Dawn Hub Storage	6	Granite	19-100-FT-NN	FT-NN	No	714	$ 7.0013	6	Line 3	$ 4,999	$ 29,994
Peaking Capacity (Nov-Apr)	N/A	Granite	19-100-FT-NN	FT-NN	No	43,286	$ 7.0013	6	Line 3	$ 303,058	$ 1,818,350
Total Annual Demand Costs											$ 54,113,471

PIpeline Contract Demand Cost Allocations
November 1, 2023 through October 31, 2024

Capacity Path	Segment	Pipeline	Contract ID	MDQ	Pipeline MDQ	Storage MDQ	Peaking MDQ	Annual Demand	Annual Pipeline Allocated Cost	Annual Storage Allocated Cost	Annual Peaking Allocated Cost
Tennessee Zone 0/L Pools	1A	Tennessee	5083	4,605	4,605	-	-	$ 1,088,423	$ 1,088,423	$ -	$ -
Tennessee Zone 0/L Pools	2A	Granite	19-100-FT-NN	4,589	4,589	-	-	$ 385,548	$ 385,548	$ -	$ -
Tennessee Zone 0/L Pools	1B	Tennessee	5083	8,550	8,550	-	-	$ 1,794,166	$ 1,794,166	$ -	$ -
Tennessee Zone 0/L Pools	2B	Granite	19-100-FT-NN	8,520	8,520	-	-	$ 715,813	$ 715,813	$ -	$ -
Tennessee Niagara	1A	Tennessee	5292	1,406	1,406	-	-	$ 102,759	$ 102,759	$ -	$ -
Tennessee Niagara	2A	Granite	19-100-FT-NN	1,401	1,401	-	-	$ 117,706	$ 117,706	$ -	$ -
Tennessee Niagara	1B	Tennessee	39735	929	929	-	-	$ 67,897	$ 67,897	$ -	$ -
Tennessee Niagara	2B	Granite	19-100-FT-NN	926	926	-	-	$ 77,798	$ 77,798	$ -	$ -
Iroquois Receipts	1	Iroquois	181003	5,715	5,715	-	-	$ 260,918	$ 260,918	$ -	$ -
Iroquois Receipts	1	Iroquois	181003	854	854	-	-	$ 38,989	$ 38,989	$ -	$ -
Iroquois Receipts	1	Iroquois	181003	5,715	5,715	-	-	$ 49,055	$ 49,055	$ -	$ -
Iroquois Receipts	1	Iroquois	181003	854	854	-	-	$ 7,330	$ 7,330	$ -	$ -
Iroquois Receipts	2A	Tennessee	95196	1,382	1,382	-	-	$ 101,005	$ 101,005	$ -	$ -
Iroquois Receipts	2B	Tennessee	95196	844	844	-	-	$ 61,685	$ 61,685	$ -	$ -
Iroquois Receipts	3B	Granite	19-100-FT-NN	841	841	-	-	$ 70,657	$ 70,657	$ -	$ -
Iroquois Receipts	2C	Tennessee	41099	4,267	4,267	-	-	$ 311,858	$ 311,858	$ -	$ -
Iroquois Receipts	3C	Algonquin	93002F	4,211	4,211	-	-	$ 434,206	$ 434,206	$ -	$ -
Leidy Hub	1	Texas Eastern	800384	965	965	-	-	$ 110,033	$ 110,033	$ -	$ -
Leidy Hub	2	Algonquin	93201A1C	965	965	-	-	$ 99,503	$ 99,503	$ -	$ -
Transco Zone 6, non-NY	1	Algonquin	93201A1C	286	286	-	-	$ 29,490	$ 29,490	$ -	$ -
Atlantic Bridge	1	Algonquin	510939	7,599	7,599	-	-	$ 5,007,771	$ 5,007,771	$ -	$ -
Atlantic Bridge	2	Maritimes	210363	7,500	7,500	-	-	$ 1,204,500	$ 1,204,500	$ -	$ -
Empress	1	TransCanada	TBD	12,890	12,890	-	-	$ 3,781,873	$ 3,781,873	$ -	$ -
Empress	2	PNGTS	TBD	12,500	12,500	-	-	$ 2,182,399	$ 2,182,399	$ -	$ -
Tennessee Firm Storage	2	Tennessee	5265	2,653	-	2,653	-	$ 220,627	$ -	$ 220,627	$ -
Tennessee Firm Storage	3	Granite	19-100-FT-NN	2,644	-	2,644	-	$ 222,137	$ -	$ 222,137	$ -
Dawn Hub Storage	2	Union	M12256	40,720	-	40,720	-	$ 1,464,943	$ -	$ 1,464,943	$ -
Dawn Hub Storage	1	Union	M12296	10,250	-	10,250	-	$ 368,754	$ -	$ 368,754	$ -
Dawn Hub Storage	1	Union	M12279	10,307	-	10,307	-	$ 370,805	$ -	$ 370,805	$ -
Dawn Hub Storage	3A	TransCanada	57901	34,000	-	34,000	-	$ 6,831,634	$ -	$ 6,831,634	$ -
Dawn Hub Storage	3B	TransCanada	57055	6,003	-	6,003	-	$ 1,206,185	$ -	$ 1,206,185	$ -
Dawn Hub Storage	2	TransCanada	63265	10,017	-	10,017	-	$ 2,012,720	$ -	$ 2,012,720	$ -
Dawn Hub Storage	2	TransCanada	TBD	10,104	-	10,104	-	$ 2,030,201	$ -	$ 2,030,201	$ -
Dawn Hub Storage	4	PNGTS	208543	40,003	-	40,003	-	$ 8,760,657	$ -	$ 8,760,657	$ -
Dawn Hub Storage	3	PNGTS	233320	10,000	-	10,000	-	$ 2,718,520	$ -	$ 2,718,520	$ -
Dawn Hub Storage	3	PNGTS	240520	10,000	-	10,000	-	$ 2,993,004	$ -	$ 2,993,004	$ -
Dawn Hub Storage	5	Granite	19-100-FT-NN	59,079	-	39,149	-	$ 4,963,558	$ -	$ 3,289,127	$ 1,674,431
Dawn Hub Storage	6	Granite	19-100-FT-NN	714	-	714	-	$ 29,994	$ -	$ 29,994	$ -
Peaking Capacity (Nov-Apr)	N/A	Granite	19-100-FT-NN	43,286	-	-	43,286	$ 1,818,350	$ -	$ -	$ 1,818,350
Total Annual Demand Costs								$ 54,113,471	$ 18,101,384	$ 32,519,306	$ 3,492,781

Northern Utilities, Inc.
Storage Contract Demand Cost Estimates
November 1, 2023 through October 31, 2024

Vendor	Contract ID	Rate	Negotiated	MSQ (Dth)	MDWQ	Space Rate	Demand Rate	Months Per Year	Reference (Att NUI-FXW-10, Page 2)	Annual Space Charge	Annual Demand Charge	Annual Fixed Charges
Tennessee	5195	FS-MA	No	259,337	4,243	$ 0.0173	$ 1.2655	12	Line 1	$ 53,838	$ 64,434	$ 118,273
Union	LST155	Storage	Yes	6,000,000	63,000	$ 0.0692		12	Line 2	$ 4,980,000		$ 4,980,000

Total Annual Fixed Charges $ 5,098,273

MSQ = Maximum Space Quantity
MDWQ = Maximum Daily Withdrawal Quantity

REDACTED

Northern Utilities, Inc.
Peaking Contract Demand Cost Estimates
November 1, 2023 through October 31, 2024

Denotes Confidential Information

Resource	Supplier	Contract Quantity	Maximum Daily Quantity	Months per Year	Annual Fixed Charges
LNG Contract	[redacted]	75,000	5,000	5	[redacted]
Peaking Contract 2		50,000	10,000	5	
Total Peaking Supply Contract Demand Costs					$ 4,034,000

REDACTED

Northern Utilities, Inc.

Asset Management and Capacity Release Revenue Projections

November 1, 2023 through October 31, 2024

Denotes Confidential Information

Capacity Path	Projected Revenue
Tennessee Zone 0/L Pools Tennessee Niagara Iroquois Receipts Leidy Hub & Transco Zone 6, non-NY Atlantic Bridge Union Dawn Storage, PXP Dawn Hub & WXP Dawn Hub	[redacted]
Total Asset Management	$ (25,974,200)

Northern Utilities, Inc.
New Hampshire Division
Retail Marketer Capacity Assignment Revenue Projections
November 2023 through October 2024

Item	Revenue	Reference
Pipeline Contract Capacity Assignment	$ (5,444,592)	Page 2
Storage Contract Capacity Assignment	$ (488,622)	Page 3
On-System Peaking Service Demand	$ (353,107)	Page 4
Asset Management Revenue Assigned to Retail Suppliers	$ 58,074	Page 5
Total Division Capacity Assignment Demand Revenue	$ (6,228,246)	Sum of Items Above

Northern Utilities, Inc.
New Hampshire Division Pipeline Capacity Assignment Estimates
November 2023 through October 2024

Capacity Path	Segment	Pipeline	Contract ID	Pipeline Allocated Cost	Storage Allocated Cost	Peaking Allocated Cost	Capacity Assigned? (Y/N)	Assigned Pipeline MDQ	Assigned Storage MDQ	Assigned Peaking MDQ	Assigned Pipeline Credits	Assigned Storage Credits	Assigned Peaking Credits	NH Annual Cap Assign Credit
Tennessee Zone 0/L Pools	1A	Tennessee	5083	$ 1,088,423	$ -	$ -	Y	(548)	-	-	$ (129,524)	$ -	$ -	$ (129,524)
Tennessee Zone 0/L Pools	2A	Granite	19-100-FT-NN	$ 385,548	$ -	$ -	Y	(546)	-	-	$ (45,873)	$ -	$ -	$ (45,873)
Tennessee Zone 0/L Pools	1B	Tennessee	5083	$ 1,794,166	$ -	$ -	Y	(1,017)	-	-	$ (213,411)	$ -	$ -	$ (213,411)
Tennessee Zone 0/L Pools	2B	Granite	19-100-FT-NN	$ 715,813	$ -	$ -	Y	(1,014)	-	-	$ (85,192)	$ -	$ -	$ (85,192)
Tennessee Niagara	1A	Tennessee	5292	$ 102,759	$ -	$ -	Y	(167)	-	-	$ (12,205)	$ -	$ -	$ (12,205)
Tennessee Niagara	2A	Granite	19-100-FT-NN	$ 117,706	$ -	$ -	Y	(167)	-	-	$ (14,031)	$ -	$ -	$ (14,031)
Tennessee Niagara	1B	Tennessee	39735	$ 67,897	$ -	$ -	Y	(111)	-	-	$ (8,113)	$ -	$ -	$ (8,113)
Tennessee Niagara	2B	Granite	19-100-FT-NN	$ 77,798	$ -	$ -	Y	(110)	-	-	$ (9,242)	$ -	$ -	$ (9,242)
Iroquois Receipts	1	Iroquois	181003	$ 260,918	$ -	$ -	Y	(680)	-	-	$ (31,045)	$ -	$ -	$ (31,045)
Iroquois Receipts	1	Iroquois	181003	$ 38,989	$ -	$ -	Y	(102)	-	-	$ (4,657)	$ -	$ -	$ (4,657)
Iroquois Receipts	1	Iroquois	181003	$ 49,055	$ -	$ -	Y	(680)	-	-	$ (5,837)	$ -	$ -	$ (5,837)
Iroquois Receipts	1	Iroquois	181003	$ 7,330	$ -	$ -	Y	(102)	-	-	$ (876)	$ -	$ -	$ (876)
Iroquois Receipts	2A	Tennessee	95196	$ 101,005	$ -	$ -	Y	(164)	-	-	$ (11,986)	$ -	$ -	$ (11,986)
Iroquois Receipts	2B	Tennessee	95196	$ 61,685	$ -	$ -	Y	(100)	-	-	$ (7,309)	$ -	$ -	$ (7,309)
Iroquois Receipts	3B	Granite	19-100-FT-NN	$ 70,657	$ -	$ -	Y	(100)	-	-	$ (8,402)	$ -	$ -	$ (8,402)
Iroquois Receipts	2C	Tennessee	41099	$ 311,858	$ -	$ -	Y	(508)	-	-	$ (37,128)	$ -	$ -	$ (37,128)
Iroquois Receipts	3C	Algonquin	93002F	$ 434,206	$ -	$ -	Y	(501)	-	-	$ (51,659)	$ -	$ -	$ (51,659)
Leidy Hub	1	Texas Eastern	800384	$ 110,033	$ -	$ -	Y	(115)	-	-	$ (13,113)	$ -	$ -	$ (13,113)
Leidy Hub	2	Algonquin	93201A1C	$ 99,503	$ -	$ -	Y	(115)	-	-	$ (11,858)	$ -	$ -	$ (11,858)
Transco Zone 6, non-NY	1	Algonquin	93201A1C	$ 29,490	$ -	$ -	Y	(34)	-	-	$ (3,506)	$ -	$ -	$ (3,506)
Atlantic Bridge	1	Algonquin	510939	$ 5,007,771	$ -	$ -	Y	(904)	-	-	$ (595,740)	$ -	$ -	$ (595,740)
Atlantic Bridge	2	Maritimes	210363	$ 1,204,500	$ -	$ -	Y	(893)	-	-	$ (143,416)	$ -	$ -	$ (143,416)
Empress	1	TransCanada	TBD	$ 3,781,873	$ -	$ -	Y	(1,534)	-	-	$ (450,069)	$ -	$ -	$ (450,069)
Empress	2	PNGTS	TBD	$ 2,182,399	$ -	$ -	Y	(1,488)	-	-	$ (259,793)	$ -	$ -	$ (259,793)
Tennessee Firm Storage	2	Tennessee	5265	$ -	$ 220,627	$ -	Y	-	(254)	-	$ -	$ (21,123)	$ -	$ (21,123)
Tennessee Firm Storage	3	Granite	19-100-FT-NN	$ -	$ 222,137	$ -	Y	-	(253)	-	$ -	$ (21,256)	$ -	$ (21,256)
Dawn Hub Storage	2	Union	M12256	$ -	$ 1,464,943	$ -	Y	-	(3,903)	-	$ -	$ (140,414)	$ -	$ (140,414)
Dawn Hub Storage	1	Union	M12296	$ -	$ 368,754	$ -	Y	-	(982)	-	$ -	$ (35,328)	$ -	$ (35,328)
Dawn Hub Storage	1	Union	M12279	$ -	$ 370,805	$ -	Y	-	(988)	-	$ -	$ (35,544)	$ -	$ (35,544)
Dawn Hub Storage	3A	TransCanada	57901	$ -	$ 6,831,634	$ -	Y	-	(3,259)	-	$ -	$ (654,832)	$ -	$ (654,832)
Dawn Hub Storage	3B	TransCanada	57055	$ -	$ 1,206,185	$ -	Y	-	(575)	-	$ -	$ (115,535)	$ -	$ (115,535)
Dawn Hub Storage	2	TransCanada	63265	$ -	$ 2,012,720	$ -	Y	-	(960)	-	$ -	$ (192,893)	$ -	$ (192,893)
Dawn Hub Storage	2	TransCanada	TBD	$ -	$ 2,030,201	$ -	Y	-	(968)	-	$ -	$ (194,501)	$ -	$ (194,501)
Dawn Hub Storage	4	PNGTS	208543	$ -	$ 8,760,657	$ -	Y	-	(3,834)	-	$ -	$ (839,646)	$ -	$ (839,646)
Dawn Hub Storage	3	PNGTS	233320	$ -	$ 2,718,520	$ -	Y	-	(958)	-	$ -	$ (260,434)	$ -	$ (260,434)
Dawn Hub Storage	3	PNGTS	240520	$ -	$ 2,993,004	$ -	Y	-	(958)	-	$ -	$ (286,730)	$ -	$ (286,730)
Dawn Hub Storage	5	Granite	19-100-FT-NN	$ -	$ 3,289,127	$ 1,674,431	Y	-	(3,752)	-	$ -	$ (315,227)	$ -	$ (315,227)
Dawn Hub Storage	6	Granite	19-100-FT-NN	$ -	$ 29,994	$ -	Y	-	(68)	-	$ -	$ (2,857)	$ -	$ (2,857)
Peaking Capacity (Nov-Apr)	N/A	Granite	19-100-FT-NN	$ -	$ -	$ 1,818,350	Y	-	-	(4,149)	$ -	$ -	$ (174,290)	$ (174,290)
Total Capacity Assignment Credits											$ (2,153,981)	$ (3,116,320)	$ (174,290)	$ (5,444,592)

Northern Utilities, Inc.
New Hampshire Division Storage Contract Capacity Assignment Estimates
November 2023 through October 2024

Vendor	Contract ID	Annual Fixed Charges	Capacity Assigned (Y/N)	Company Managed (Y/N)	Storage Assigned ME	Assigned MSQ	Assigned MDWQ	Annual Cap Assign Credit
Tennessee	5195	$ 118,273	Y	N	9.58%	(15,987)	(262)	$ (11,335)
Union	LST068	$ 4,980,000	Y	N	9.58%	(369,877)	(3,884)	$ (477,286)

Total Division Storage Capacity Assignment $ (488,622)

MSQ = Maximum Space Quantity
MDWQ = Maximum Daily Withdrawal Quantity

Northern Utilities, Inc.
New Hampshire Division
On-System Peaking Demand Capacity Assignment Revenues
November 2023 through October 2024

Month	On-System Peaking Demand TCQ	Rate	Demand Revenue
Nov-23	623	$ 94.46	$ (58,851)
Dec-23	623	$ 94.46	$ (58,851)
Jan-24	623	$ 94.46	$ (58,851)
Feb-24	623	$ 94.46	$ (58,851)
Mar-24	623	$ 94.46	$ (58,851)
Apr-24	623	$ 94.46	$ (58,851)

Total Division Peaking Demand Revenue	$	(353,107)

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Northern Utilities, Inc. - New Hampshire Division
Asset Management and Capacity Release Revenue Assigned to Retail Suppliers
November 2023 through October 2024

Indicates Confidential Information

Resources	Projected Value	Company-Managed Resources	Resource Type	Percentage Capacity Assigned	Annual Value to Retail Marketers
Tennessee Zone 0/L Pools	[redacted]	No	Pipeline	11.90%	[redacted]
Tennessee Niagara	[redacted]	No	Pipeline	11.90%	[redacted]
Iroquois Receipts	[redacted]	Yes	Pipeline	11.90%	[redacted]
Leidy Hub & Transco Zone 6, non-NY	[redacted]	Yes	Pipeline	11.90%	[redacted]
Atlantic Bridge	[redacted]	No	Pipeline	11.90%	[redacted]
Union Dawn Storage, PXP Dawn Hub & WXP Dawn Hub	[redacted]	No	Storage	9.58%	[redacted]
Total Asset Management	$ (25,974,200)				$ 58,074

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Northern Utilities, Inc.
New Hampshire Division Peaking Capacity Assignment Demand Rate
November 2023 through October 2024
Indicates Confidential Information

Line	Description	Northern	NH Division
2	Capacity Allocation Factor		40.06%
3	Peaking Plants	6,500	2,604
4	Total	6,500	2,604
5	LNG Demand Costs		
6	Peaking Plants Fixed Costs		$ 420,658
7	Total On-System Peaking Fixed Costs		$ 1,475,838
8	NH Division Peaking Service Demand Rate		$ 94.46

Northern Utilities
New Hampshire Division
Retail Supplier Capacity Assignment Estimates
November 2023 through October 2024

HLF Allocation	64.41%	19.80%	15.79%	100.00%
LLF Allocation	14.38%	47.63%	37.99%	100.00%

	Pipeline MDQ	Storage MDQ	Peaking MDQ	Total MDQ
HLF TCQ	2,015	620	494	3,129
LLF TCQ	1,611	5,336	4,256	11,204
Retail Supplier Total	3,644	5,984	4,772	14,400
Northern MDQ	30,621	62,437	49,786	142,844
Cap Assign/ Total MDQ	11.90%	9.58%	9.59%	10.08%

On System Peaking	6,500
On System Peaking Allocation	13.06%

Northern Utilities - New Hampshire Division
Capacity Assignment Calculations 2020-2021
Derivation of Class Assignments and Weightings

Basic assumptions:

1 The MBA method allocates capacity costs based on design day demands in two pieces:
   a The base use portion of the class design day demand based on base use
   b The remaining portion of design day demand based on remaining design day demand
2 Base demand is composed solely of pipeline supplies
3 Remaining demand consists of a portion of pipeline and all storage and peaking supplies

		Design Day Demand, Dt	Adjusted Design Day Demand, Dt	Percent of Total	Avg Daily Base Use Load, Dt	Remaining Design Day Demand
1	RATE A-Resi Non-Htg	178	175	0.3%	30	146
2	RATE B-Resi Htg	22,604	22,275	37.3%	1,025	21,251
3	RATE G-40	11,817	11,645	19.5%	449	11,196
4	RATE G-50	691	681	1.1%	236	445
5	RATE G-41	7,240	7,135	12.0%	368	6,766
6	RATE G-51	1,064	1,049	1.8%	337	711
7	RATE G-42	2,015	1,986	3.3%	151	1,835
8	RATE G-52	395	389	0.7%	151	238
9	Special Contract	1,418	1,397	2.3%	1,359	38
10	RATE T-40	1,892	1,864	3.1%	148	1,716
11	RATE T-50	117	116	0.2%	74	42
12	RATE T-41	8,307	8,186	13.7%	715	7,471
13	RATE T-51	980	966	1.6%	563	403
14	RATE T-42	1,171	1,154	1.9%	124	1,030
15	RATE T-52	660	650	1.1%	479	172
16	Total	60,549	59,668	100.0%	6,210	53,458
17						-
18	Residential Total	22,782	22,451	37.6%	1,054	21,396
19	LLF Total	32,442	31,970	53.6%	1,955	30,014
20	HLF Total	5,325	5,248	8.8%	3,200	2,048
21	Total	60,549	59,668	100.0%	6,210	53,458
22						
23						

		Resdential MDQ, Dt	Total C&I MDQ, Dt	LLF C&I MDQ, Dt	HLF C&I MDQ, Dt	Total MDQ, Dt
24						
25	Residential Allocation					
26	Pipeline - Base	1,054	5,155	1,955	3,200	6,210
27	Pipeline - Remaining	3,758	2,823	2,643	180	6,581
28	Storage	9,813	16,268	15,229	1,039	26,081
29	Peaking	7,825	12,972	12,143	829	20,796
30	Total	22,451	37,217	31,970	5,248	59,668
31	Check - Should be 0	-	-	-	-	-
32						

		LLF C&I	HLF C&I
33	Caapcity Allocations %s		
34			
35	Pipeline	**14.38%**	**64.41%**
36	Storage	**47.63%**	**19.80%**
37	Peaking	**37.99%**	**15.79%**
38	Total	**100.00%**	**100.00%**

Northern Utilities

New Hampshire Division Capacity Assignment Calculations

	HLF	LLF	Total TCQ	Capacity Assignment	Pipeline MDQ	Storage MDQ	Peaking MDQ	Total MDQ
Retail Supplier Total	3,129	11,204	14,333	14,400	6,042	3,849	4,509	14,400
Northern -Total MDQ					12,791	26,081	20,796	59,668
NH Cap Assign/ Total MDQ		CHECK S/B 0 ->	0		47.24%	14.76%	21.68%	24.13%

HLF Capacity Allocator	69.09%	14.24%	16.67%	100.00%
LLF Capacity Allocator	34.38%	30.22%	35.40%	100.00%

NEW STORAGE
Capacity
Assignment Plan

	Percentage Design Day	41.77%		
Pipeline Capacity Paths (Requires Granite)	Northern MDQ	NH Division MDQ	Pipeline Assigned %	Capacity Assigned
Tennessee Long-Haul	13,109	5,476	47.24%	2,587
Tennessee Niagara	2,327	972	47.24%	459
Iroquois Receipts	841	351	47.24%	166
Total Pipeline Capacity (Requires Granite)	**16,277**	**6,799**	**47.24%**	**3,212**

Pipeline Capacity Paths (Does Not Require Granite)	Northern MDQ	NH Division MDQ	Pipeline Assigned %	Capacity Assigned
Leidy Supply (Texas Eastern, Algonquin)	965	403	47.24%	190
Transco Zone 6, non-NY Supply (Algonquin)	286	119	47.24%	56
Iroquois Receipts	5,593	2,336	47.24%	1,103
Atlantic Bridge Ramapo	7,500	3,133	47.24%	1,480
Total Pipeline Capacity (Does Not Require Granite)	**14,344**	**5,991**	**47.22%**	**2,829**

Pipeline Capacity Paths	Northern MDQ	NH Division MDQ	Pipeline Assigned %	Capacity Assigned
Tennessee Long-Haul	13,109	5,476	47.24%	2,587
Tennessee Niagara	2,327	972	47.22%	459
Iroquois Receipts	6,434	2,687	47.23%	1,269
Leidy Supply (Texas Eastern, Algonquin)	965	403	47.15%	190
Transco Zone 6, non-NY Supply (Algonquin)	286	119	47.06%	56
Atlantic Bridge Ramapo	7,500	3,133	47.24%	1,480
Total Pipeline Capacity	**30,621**	**12,790**	**47.23%**	**6,041**

Storage Capacity Paths	Northern MDQ	NH Division MDQ	Storage Assigned %	Capacity Assigned
Tennessee Firm Storage	2,644	1,104	14.76%	163
Dawn Hub Storage	59,793	24,976	14.76%	3,686
Total Storage Capacity	**62,437**	**26,080**	**14.76%**	**3,849**

Peaking Capacity Paths	Northern MDQ	NH Division MDQ	Peaking Assigned %	Capacity Assigned
LNG - On-System	6,500	2,715	21.68%	589
Granite - Not assigned as Storage or Pipeline Capacity	43,286	18,081	21.68%	3,920
Total Peaking Capacity	**49,786**	**20,796**	**21.68%**	**4,509**
Total Capacity	**142,844**	**59,666**	**24.13%**	**14,399**

Northern Utilities, Inc.
New Hampshire Division
Design Day Forecast by Rate Class

2023-2024 Forecast Annual Sales (Dth)

	Res Non-Heat	Res Heat	G40	G50	G41	G51	G42	G52	Special Contracts	Res	LLF	HLF	Total Division
Sales Service	22,403	1,868,353	892,796	139,554	597,290	214,887	189,700	79,674	0	1,890,756	1,679,786	434,115	4,004,657
Capacity Assigned Delivery Service	0	0	169,737	33,193	745,223	277,019	105,040	186,442	503,468	0	1,020,000	1,000,122	2,020,121
Capacity Exempt Delivery Service	0	0	1,542	2,460	31,860	10,047	218,160	1,556,006	674,738	0	251,562	2,243,251	2,494,813
Total System	22,403	1,868,353	1,064,075	175,208	1,374,373	501,953	512,900	1,822,122	1,178,205	1,890,756	2,951,348	3,677,488	8,519,592

2023-2024 Forecast Annual Sendout (Dth)

	Res Non-Heat	Res Heat	G40	G50	G41	G51	G42	G52	Special Contracts	Res	LLF	HLF	Total Division
Sales Service	22,566	1,881,903	899,271	140,566	601,622	216,445	191,075	80,252	0	1,904,469	1,691,968	437,264	4,033,701
Capacity Assigned Delivery Service			170,968	33,434	750,627	279,028	105,802	187,794	507,118		1,027,396	1,007,374	2,034,770
Capacity Exempt Delivery Service			1,553	2,478	32,091	10,120	219,742	1,567,290	679,630		253,387	2,259,518	2,512,905
Total System	22,566	1,881,903	1,071,792	176,478	1,384,340	505,593	516,620	1,835,336	1,186,749	1,904,469	2,972,751	3,704,156	8,581,376

2023-2024 Forecast Load Factor Percentage

	Res Non-Heat	Res Heat	G40	G50	G41	G51	G42	G52	Special Contracts	Res	LLF	HLF	Total Division
Sales Service	34.8%	22.8%	20.8%	55.7%	22.8%	55.7%	26.0%	55.7%		22.9%	22.0%	55.7%	24.0%
Capacity Assigned Delivery Service			24.8%	78.0%	24.8%	78.0%	24.8%	78.0%	98.0%		24.8%	86.9%	38.3%
Capacity Exempt Delivery Service			25.1%	73.8%	28.5%	60.9%	40.3%	75.1%	88.0%		38.1%	78.5%	70.9%
Total System	34.8%	22.8%	21.4%	59.1%	23.9%	66.3%	30.2%	74.3%	92.0%	22.9%	23.8%	76.8%	33.3%

2023-2024 Design Day Sendout (Dth)

	Res Non-Heat	Res Heat	G40	G50	G41	G51	G42	G52	Special Contracts	Res	LLF	HLF	Total Division
Sales Service	178	22,604	11,817	691	7,240	1,064	2,015	395		22,782	21,072	2,150	46,004
Capacity Assigned Delivery Service			1,892	117	8,307	980	1,171	660	1,418		11,369	3,175	14,545
Capacity Exempt Delivery Service			17	9	309	46	1,496	5,716	2,116		1,821	7,887	9,708
Total System	178	22,604	13,726	818	15,855	2,090	4,682	6,770	3,534	22,782	34,263	13,212	70,256

2023-2024 Baseload Sendout (Dth)
(Average Daily July and August Sendout)

	Res Non-Heat	Res Heat	G40	G50	G41	G51	G42	G52	Special Contracts	Res	LLF	HLF	Total Division
Sales Service	30	1,025	449	236	368	337	151	151		1,054	968	725	2,748
Capacity Assigned Delivery Service			148	74	715	563	124	479	1,359		987	2,475	3,462
Capacity Exempt Delivery Service			1	5	31	20	257	3,995	1,832		289	5,853	6,141
Total System	30	1,025	599	315	1,114	921	531	4,625	3,191	1,054	2,244	9,052	12,351

2023-2024 Planning Load Design Day Sendout (Dth)

	Res Non-Heat	Res Heat	G40	G50	G41	G51	G42	G52	Special Contracts	Res	LLF	HLF	Total Division
Sales Service	178	22,604	11,817	691	7,240	1,064	2,015	395		22,782	21,072	2,150	46,004
Capacity Assigned Delivery Service			1,892	117	8,307	980	1,171	660	1,418		11,369	3,175	14,545
Capacity Exempt Delivery Service			0	0	0	0	0	0	0		0	0	0
Total System	178	22,604	13,709	809	15,546	2,045	3,186	1,054	1,418	22,782	32,442	5,325	60,549

2023-2024 Planning Load Baseload Sendout (Dth)
(Average Daily July and August Sendout)

	Res Non-Heat	Res Heat	G40	G50	G41	G51	G42	G52	Special Contracts	Res	LLF	HLF	Total Division
Sales Service	30	1,025	449	236	368	337	151	151		1,054	968	725	2,748
Capacity Assigned Delivery Service			148	74	715	563	124	479	1,359		987	2,475	3,462
Capacity Exempt Delivery Service			0	0	0	0	0	0	0		0	0	0
Total System	30	1,025	598	310	1,084	900	274	630	1,359	1,054	1,955	3,200	6,210

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Northern Utilities, Inc.
Commoodity Cost by Supply Source ($)
November 2023 through October 2024

Description	Nov-23	Dec-23	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Winter	Summer	Year
Pipeline Supplies															
TGP Zone 4 300 Leg Supply	[redacted]														
Tennessee FS-MA Storage Path															
Dawn Supply															
Union Dawn Storage Path															
Leidy Hub															
Texas Eastern Zone M-3															
Transco Zone 6, non-NY															
Algonquin Receipts Pipeline Path															
Tennessee Niagara Pipeline Path															
Tennessee Zone 0															
Tennessee Zone L															
Tennessee Long-Haul Pipeline Path															
Iroquois Receipts Pipeline Path															
Atlantic Bridge Ramapo Pipeline Path															
Empress Proposed Pipeline Path															
Total Pipeline															
NH CM Pipeline (Leidy/M-3)															
ME CM Pipeline (Leidy/M-3)															
NH CM Pipeline (Transco)															
ME CM Pipeline (Transco)															
NH CM Pipeline (Iroq Rec)															
ME CM Pipeline (Iroq Rec)															
Net Pipeline	**$ 3,259,675**	**$ 3,439,438**	**$ 4,470,111**	**$ 4,053,327**	**$ 2,102,517**	**$ 2,625,100**	**$ 1,245,374**	**$ 829,905**	**$ 784,411**	**$ 800,585**	**$ 791,384**	**$ 1,490,203**	**$ 19,950,169**	**$ 5,941,862**	**$ 25,892,031**
Underground Storage															
Tennessee Storage	$ -	$ 24,084	$ 127,067	$ 118,869	$ 126,201	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 396,221	$ -	$ 396,221
Tennessee FS-MA Storage Path	$ -	$ 24,084	$ 127,067	$ 118,869	$ 126,201	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 396,221	$ -	$ 396,221
Union Dawn Storage	$ -	$ 2,171,425	$ 2,415,402	$ 2,289,441	$ 2,117,533	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 8,993,801	$ -	$ 8,993,801
Union Dawn Storage Path	$ -	$ 2,171,425	$ 2,415,402	$ 2,289,441	$ 2,117,533	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 8,993,801	$ -	$ 8,993,801
Net Storage	**$ -**	**$ 2,195,510**	**$ 2,542,469**	**$ 2,408,310**	**$ 2,243,734**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 9,390,022**	**$ -**	**$ 9,390,022**
Peaking Supplies															
Baseload Delivered Supplies	[redacted]														
Lewiston LNG															
Off-System Peaking / Incremental Supply															
Total Peaking															
NH Peaking Service - (On System)															
ME Peaking Service - (On-System)															
Net Peaking	**$ 67,102**	**$ 2,674,984**	**$ 8,217,129**	**$ 3,974,344**	**$ 2,814,196**	**$ 37,137**	**$ 30,158**	**$ 26,565**	**$ 25,062**	**$ 25,062**	**$ 20,311**	**$ 19,669**	**$ 17,784,892**	**$ 146,827**	**$ 17,931,719**
Total NUI Commodity	$ 3,479,895	$ 8,662,713	$ 16,121,808	$ 10,913,587	$ 7,372,531	$ 2,662,237	$ 1,275,532	$ 856,470	$ 809,473	$ 825,647	$ 811,695	$ 1,509,872	$ 49,212,770	$ 6,088,689	$ 55,301,459
Company Managed Sales	$ (153,117)	$ (352,781)	$ (892,099)	$ (477,606)	$ (212,084)	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ (2,087,687)	$ -	$ (2,087,687)
Net Commodity Costs	**$ 3,326,777**	**$ 8,309,932**	**$ 15,229,709**	**$ 10,435,981**	**$ 7,160,447**	**$ 2,662,237**	**$ 1,275,532**	**$ 856,470**	**$ 809,473**	**$ 825,647**	**$ 811,695**	**$ 1,509,872**	**$ 47,125,083**	**$ 6,088,689**	**$ 53,213,772**

Northern Utilities, Inc.
Commodity Volumes by Supply Source (Dth)
November 2023 through October 2024

Description	Nov-23	Dec-23	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Winter	Summer	Year
Pipeline Supplies															
TGP Zone 4 300 Leg Supply	63,377	53,077	0	0	446	63,377	65,490	0	15,641	0	63,377	65,490	180,278	209,998	390,276
Tennessee FS-MA Storage Path	63,377	53,077	0	0	446	63,377	65,490	0	15,641	0	63,377	65,490	180,278	209,998	390,276
Dawn Supply	593,326	0	0	0	0	387,461	42,583	0	0	0	0	41,051	980,787	83,633	1,064,420
Union Dawn Storage Path	593,326	0	0	0	0	387,461	42,583	0	0	0	0	41,051	980,787	83,633	1,064,420
Leidy Hub	28,779	29,813	29,813	27,890	29,813	0	0	0	0	0	0	0	146,109	0	146,109
Texas Eastern Zone M-3	171	102	102	95	102	0	0	0	0	0	0	0	571	0	571
Transco Zone 6, non-NY	8,580	8,866	8,866	8,294	8,866	0	0	0	0	0	0	0	43,472	0	43,472
Algonquin Receipts Pipeline Path	37,530	38,781	38,781	36,279	38,781	0	0	0	0	0	0	0	190,152	0	190,152
Tennessee Niagara Pipeline Path	53,213	54,987	54,987	51,439	54,987	53,213	21,455	0	0	0	1,716	28,293	322,826	51,464	374,290
Tennessee Zone 0	52,316	108,491	108,491	101,492	54,060	0	0	0	0	0	0	0	424,850	0	424,850
Tennessee Zone L	97,159	201,413	201,413	188,418	100,397	0	0	0	0	0	0	0	788,800	0	788,800
Tennessee Long-Haul Pipeline Path	149,475	309,904	309,904	289,910	154,458	0	0	0	0	0	0	0	1,213,649	0	1,213,649
Iroquois Receipts Pipeline Path	187,042	193,277	193,277	180,808	193,277	0	0	0	0	0	0	0	947,681	0	947,681
Atlantic Bridge Ramapo Pipeline Path	171,600	177,320	177,320	165,880	177,320	171,600	177,320	171,600	0	19,185	171,600	177,320	1,041,040	717,025	1,758,065
Empress Proposed Pipeline Path	0	0	0	0	0	292,979	201,028	171,909	303,562	303,562	110,318	281,416	292,979	1,371,796	1,664,775
Total Pipeline	1,255,564	827,345	774,269	724,316	619,269	968,631	507,876	343,509	319,203	322,747	347,012	593,569	5,169,393	2,433,916	7,603,309
NH CM Pipeline (Leidy/M-3)	-3,450	-3,565	-3,565	-3,335	-3,565	0	0	0	0	0	0	0	-17,480	0	-17,480
ME CM Pipeline (Leidy/M-3)	-3,420	-3,534	-3,534	-3,306	-3,534	0	0	0	0	0	0	0	-17,328	0	-17,328
NH CM Pipeline (Transco)	-1,020	-1,054	-1,054	-986	-1,054	0	0	0	0	0	0	0	-5,168	0	-5,168
ME CM Pipeline (Transco)	-1,020	-1,054	-1,054	-986	-1,054	0	0	0	0	0	0	0	-5,168	0	-5,168
NH CM Pipeline (Iroq Rec)	-19,980	-20,646	-20,646	-19,314	-20,646	0	0	0	0	0	0	0	-101,232	0	-101,232
ME CM Pipeline (Iroq Rec)	-19,860	-20,522	-20,522	-19,198	-20,522	0	0	0	0	0	0	0	-100,624	0	-100,624
Net Pipeline	**1,206,814**	**776,970**	**723,894**	**677,191**	**568,894**	**968,631**	**507,876**	**343,509**	**319,203**	**322,747**	**347,012**	**593,569**	**4,922,393**	**2,433,916**	**7,356,309**
Underground Storage															
Tennessee Storage	0	12,413	65,490	61,265	65,044	0	0	0	0	0	0	0	204,212	0	204,212
Tennessee FS-MA Storage Path	0	12,413	65,490	61,265	65,044	0	0	0	0	0	0	0	204,212	0	204,212
Union Dawn Storage	0	824,114	916,157	868,904	803,660	0	0	0	0	0	0	0	3,412,835	0	3,412,835
Union Dawn Storage Path	0	824,114	916,157	868,904	803,660	0	0	0	0	0	0	0	3,412,835	0	3,412,835
Net Storage	**0**	**836,527**	**981,647**	**930,169**	**868,704**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**3,617,047**	**0**	**3,617,047**
Peaking Supplies															
Baseload Delivered Supplies	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
													0	0	0
Lewiston LNG	1,800	1,860	1,860	1,740	1,860	1,800	1,860	1,800	1,860	1,860	1,800	1,860	10,920	11,040	21,960
Off-System Peaking / Incremental Supply	0	89,707	285,716	131,938	92,527	0	0	0	0	0	0	0	599,888	0	599,888
Total Peaking	1,800	91,567	287,576	133,678	94,387	1,800	1,860	1,800	1,860	1,860	1,800	1,860	610,808	11,040	621,848
NH Peaking Service - (On System)	0	-1,246	-5,319	-623	0	0	0	0	0	0	0	0	-7,188	0	-7,188
ME Peaking Service - (On-System)	0	-1,049	-6,138	-682	0	0	0	0	0	0	0	0	-7,869	0	-7,869
Net Peaking	**1,800**	**89,272**	**276,119**	**132,373**	**94,387**	**1,800**	**1,860**	**1,800**	**1,860**	**1,860**	**1,800**	**1,860**	**595,751**	**11,040**	**606,791**
Total NUI Commodity	1,257,364	1,755,439	2,043,492	1,788,162	1,582,360	970,431	509,736	345,309	321,063	324,607	348,812	595,429	9,397,248	2,444,956	11,842,204
Company Managed Sales	-48,750	-52,670	-61,832	-48,430	-50,375	0	0	0	0	0	0	0	-262,057	0	-262,057
Net Commodity Costs	**1,208,614**	**1,702,769**	**1,981,660**	**1,739,732**	**1,531,985**	**970,431**	**509,736**	**345,309**	**321,063**	**324,607**	**348,812**	**595,429**	**9,135,191**	**2,444,956**	**11,580,147**

REDACTED

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Northern Utilities, Inc.
Average Delivered Commodity Cost by Supply Source ($/Dth)
November 2023 through October 2024

Description	Nov-23	Dec-23	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Winter	Summer	Year
Pipeline Supplies															
TGP Zone 4 300 Leg Supply															
Tennessee FS-MA Storage Path															
Dawn Supply															
Union Dawn Storage Path															
Leidy Hub															
Texas Eastern Zone M-3															
Transco Zone 6, non-NY															
Algonquin Receipts Pipeline Path															
Tennessee Niagara Pipeline Path															
Tennessee Zone 0															
Tennessee Zone L															
Tennessee Long-Haul Pipeline Path															
Iroquois Receipts Pipeline Path															
Atlantic Bridge Ramapo Pipeline Path															
Empress Proposed Pipeline Path															
Total Pipeline															
NH CM Pipeline (Leidy/M-3)															
ME CM Pipeline (Leidy/M-3)															
NH CM Pipeline (Transco)															
ME CM Pipeline (Transco)															
NH CM Pipeline (Iroq Rec)															
ME CM Pipeline (Iroq Rec)															
Net Pipeline	**$ 2.701**	**$ 4.427**	**$ 6.175**	**$ 5.986**	**$ 3.696**	**$ 2.710**	**$ 2.452**	**$ 2.416**	**$ 2.457**	**$ 2.481**	**$ 2.281**	**$ 2.511**	**$ 4.053**	**$ 2.441**	**$ 3.520**
Underground Storage															
Tennessee Storage		$ 1.940	$ 1.940	$ 1.940	$ 1.940								$ 1.940		$ 1.940
Tennessee FS-MA Storage Path		$ 1.940	$ 1.940	$ 1.940	$ 1.940								$ 1.940		$ 1.940
Union Dawn Storage		$ 2.635	$ 2.636	$ 2.635	$ 2.635								$ 2.635		$ 2.635
Union Dawn Storage Path		$ 2.635	$ 2.636	$ 2.635	$ 2.635								$ 2.635		$ 2.635
Net Storage		**$ 2.625**	**$ 2.590**	**$ 2.589**	**$ 2.583**								**$ 2.596**		**$ 2.596**
Peaking Supplies															
Baseload Delivered Supplies															
Lewiston LNG															
Off-System Peaking / Incremental Su															
Total Peaking															
NH Peaking Service - (On System)															
ME Peaking Service - (On-System)															
Net Peaking	**$ 37.279**	**$ 29.965**	**$ 29.759**	**$ 30.024**	**$ 29.815**	**$ 20.632**	**$ 16.214**	**$ 14.758**	**$ 13.474**	**$ 13.474**	**$ 11.284**	**$ 10.575**	**$ 29.853**	**$ 13.300**	**$ 29.552**
Total NUI Commodity	$ 2.768	$ 4.935	$ 7.889	$ 6.103	$ 4.659	$ 2.743	$ 2.502	$ 2.480	$ 2.521	$ 2.544	$ 2.327	$ 2.536	$ 5.237	$ 2.490	$ 4.670
Company Managed Sales	$ 3.141	$ 6.698	$ 14.428	$ 9.862	$ 4.210								$ 7.967		$ 7.967
Net Commodity Costs	**$ 2.753**	**$ 4.880**	**$ 7.685**	**$ 5.999**	**$ 4.674**	**$ 2.743**	**$ 2.502**	**$ 2.480**	**$ 2.521**	**$ 2.544**	**$ 2.327**	**$ 2.536**	**$ 5.159**	**$ 2.490**	**$ 4.595**

Source of Supply: TGP Zone 4 300 Leg Supply (Tennessee FS-MA Storage Path)

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Line	City Gate Delivered Costs	Reference	Nov-23	Dec-23	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24
1	Purchased Volumes	Line 9	64,327	53,872	-	-	453	64,327	66,471	-	15,875	-	64,327	66,471
2	City Gate Delivered Volume	Line 35	63,377	53,077	-	-	446	63,377	65,490	-	15,641	-	63,377	65,490
3	Total Purchase Cost	Line 15	[redacted]											
4	Variable Transportation Costs	Sum Lines 28 and 37	$ 6,684	$ 5,598	$ -	$ -	$ 47	$ 6,684	$ 6,907	$ -	$ 1,650	$ -	$ 6,684	$ 6,907
5	Total City Gate Delivered Costs	Sum Lines 3 and 4	[redacted]											
6	Average Delivered Price	Line 5 divided by Line 2												
7														
8	Tennessee Zone 4 Supply Costs													
9	Purchased Volumes	PLEXOS Optimization	64,327	53,872	-	-	453	64,327	66,471	-	15,875	-	64,327	66,471
10	Monthly NYMEX Price	Att FXW-10, Line 18 of Page 1	$ 2.991	$ 3.453	$ 3.706	$ 3.634	$ 3.328	$ 3.052	$ 3.051	$ 3.161	$ 3.279	$ 3.320	$ 3.302	$ 3.395
11	NYMEX Cost	Line 9 times Line 10	$ 192,402	$ 186,020	$ -	$ -	$ 1,507	$ 196,326	$ 202,803	$ -	$ 52,054	$ -	$ 212,407	$ 225,669
12	NYMEX Basis Price	Att FXW-10, Line 8 of Page 1	[redacted]											
13	NYMEX Basis Costs	Line 9 times Line 12												
14	Total Purchase Price	Line 10 plus Line 12												
15	Total Purchase Cost	Line 11 plus Line 13												
16														
17	Transportation Fuel Losses and Variable Charges													
18	Tennessee Gas Pipeline (Contract 5265)													
19	Receipt Point: Tennessee Zone 4 Station 313 Pool													
20	Delivery Point: Pleasant St. (Interconnection with Granite)													
21	Total Contract Recevied Volume	PLEXOS Optimization	64,327	66,471	66,471	62,183	66,471	64,327	66,471	-	15,875	-	64,327	66,471
22	Received Volume	Line 14	64,327	53,872	-	-	453	64,327	66,471	-	15,875	-	64,327	66,471
23	Percentage Allocated	Line 22 divided by Line 21	100.00%	81.05%	0.00%	0.00%	0.68%	100.00%	100.00%	0.00%	100.00%	0.00%	100.00%	100.00%
24	Received Volume	Line 9	64,327	53,872	-	-	453	64,327	66,471	-	15,875	-	64,327	66,471
25	Fuel Loss Rate	Att FXW-10, Line 40 of Page 2	1.13%	1.13%			1.13%	1.13%	1.13%		1.13%		1.13%	1.13%
26	Delivered Volume	Line 24 times (1 - Line 25)	63,600	53,263	-	-	448	63,600	65,720	-	15,696	-	63,600	65,720
27	Variable Transportation Rate	Att FXW-10, Line 26 of Page 2	$ 0.1037	$ 0.1037			$ 0.1037	$ 0.1037	$ 0.1037		$ 0.1037		$ 0.1037	$ 0.1037
28	Variable Transportation Costs	Line 26 times Line 27	$ 6,595	$ 5,523	$ -	$ -	$ 46	$ 6,595	$ 6,815	$ -	$ 1,628	$ -	$ 6,595	$ 6,815
29														
30	Granite State Gas Transmission (Contract 19-100-FT-NN)													
31	Receipt Point: Pleasant St.													
32	Delivery Point: Northern City Gates													
33	Received Volume	Line 26	63,600	53,263	-	-	448	63,600	65,720	-	15,696	-	63,600	65,720
34	Fuel Loss Rate	Att FXW-10, Line 32 of Page 2	0.35%	0.35%	0.35%	0.35%	0.35%	0.35%	0.35%	0.35%	0.35%	0.35%	0.35%	0.35%
35	City Gate Delivered Volume	Line 33 times (1 - Line 34)	63,377	53,077	-	-	446	63,377	65,490	-	15,641	-	63,377	65,490
36	Variable Transportation Rate	Att FXW-10, Line 18 of Page 2	$ 0.0014	$ 0.0014	$ 0.0014	$ 0.0014	$ 0.0014	$ 0.0014	$ 0.0014	$ 0.0014	$ 0.0014	$ 0.0014	$ 0.0014	$ 0.0014
37	Variable Transportation Costs	Line 35 times Line 36	$ 89	$ 74	$ -	$ -	$ 1	$ 89	$ 92	$ -	$ 22	$ -	$ 89	$ 92

Source of Supply: Leidy Hub

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Line	City Gate Delivered Costs	Reference	Nov-23	Dec-23	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24
1	Purchased Volumes	Line 9	29,087	30,105	30,105	28,162	30,105	-	-	-	-	-	-	-
2	City Gate Delivered Volume	Sum Lines 35	28,779	29,813	29,813	27,890	29,813	-	-	-	-	-	-	-
3	Total Purchase Cost	Line 15	[redacted]											
4	Variable Transportation Costs	Sum Lines 37	$ 3,294	$ 3,406	$ 3,406	$ 3,187	$ 3,406	$ -	$ -	$ -	$ -	$ -	$ -	$ -
5	Total City Gate Delivered Costs	Sum Lines 3 and 4	[redacted]											
6	Average Delivered Price	Line 5 divided by Line 2												
7														
8	Texas Eastern Zone M-3 Purchases													
9	Purchased Volumes	Sendout Optimization	29,087	30,105	30,105	28,162	30,105	-	-	-	-	-	-	-
10	Monthly NYMEX Price	Att FXW-10, Line 18 of Page 1	$ 2.991	$ 3.453	$ 3.706	$ 3.634	$ 3.328	$ 3.052	$ 3.051	$ 3.161	$ 3.279	$ 3.320	$ 3.302	$ 3.395
11	NYMEX Cost	Line 9 times Line 10	$ 86,998	$ 103,951	$ 111,568	$ 102,342	$ 100,188	$ -	$ -	$ -	$ -	$ -	$ -	$ -
12	NYMEX Basis Price	Att FXW-10, Line 7 of Page 1	[redacted]											
13	NYMEX Basis Costs	Line 9 times Line 12												
14	Total Purchase Price	Line 10 plus Line 12												
15	Total Purchase Cost	Line 11 plus Line 13												
16														
17	Transportation Fuel Losses and Variable Charges													
18	Texas Eastern Pipeline (Contract 800384)													
19	Receipt Point: Leidy Hub													
20	Delivery Point: Lambertville, NJ													
21	Received Volume	Line 15	29,087	30,105	30,105	28,162	30,105	-	-	-	-	-	-	-
22	Fuel Loss Rate	Att FXW-10, Line 42 of Page 2	0.47%	0.63%	0.63%	0.63%	0.63%							
23	Delivered Volume	Line 21 times (1 - Line 22)	28,950	29,915	29,915	27,985	29,915	-	-	-	-	-	-	-
24	Variable Transportation Rate	Att FXW-10, Line 28 of Page 2	$ 0.0749	$ 0.0749	$ 0.0749	$ 0.0749	$ 0.0749							
25	Variable Transportation Costs	Line 23 times Line 24	$ 2,168	$ 2,241	$ 2,241	$ 2,096	$ 2,241	$ -	$ -	$ -	$ -	$ -	$ -	$ -
26														
27	Algonquin Pipeline (Contract 93201A1C)													
28	Receipt Point: Lamberville, NJ													
29	Delivery Point: Bay State City Gate (Delivered to Northern via Exchange Agreement)													
30	Total Contract Recevied Volume	Sendout Optimization	29,122	30,017	30,017	28,080	30,017	-	-	-	-	-	-	-
31	Received Volume	Line 23	28,950	29,915	29,915	27,985	29,915	-	-	-	-	-	-	-
32	Percentage Allocated	Line 31 divided by Line 30	99.41%	99.66%	99.66%	99.66%	99.66%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
33	Received Volume	Line 15	28,950	29,915	29,915	27,985	29,915	-	-	-	-	-	-	-
34	Fuel Loss Rate	Att FXW-10, Line 30 of Page 2	0.59%	0.34%	0.34%	0.34%	0.34%							
35	City Gate Delivered Volume	Line 33 times (1 - Line 34)	28,779	29,813	29,813	27,890	29,813	-	-	-	-	-	-	-
36	Variable Transportation Rate	Att FXW-10, Line 16 of Page 2	$ 0.0391	$ 0.0391	$ 0.0391	$ 0.0391	$ 0.0391							
37	Variable Transportation Costs	Line 35 times Line 36	$ 1,125	$ 1,166	$ 1,166	$ 1,090	$ 1,166	$ -	$ -	$ -	$ -	$ -	$ -	$ -

Source of Supply: Texas Eastern Zone M-3

Denotes Confidential Information

Line	City Gate Delivered Costs	Reference	Nov-23	Dec-23	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	2021-2022 Winter	2022 Summer
1	Purchased Volumes	Line 9	172	102	102	95	102	-	-	-	-	-	-	-	-	-
2	City Gate Delivered Volume	Sum Lines 26	171	102	102	95	102	-	-	-	-	-	-	-	-	-
3	Total Purchase Cost	Line 15	[redacted]													
4	Variable Transportation Costs	Sum Lines 28	$ 7	$ 4	$ 4	$ 4	$ 4	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
5	Total City Gate Delivered Costs	Sum Lines 3 and 4	[redacted]													
6	Average Delivered Price	Line 5 divided by Line 2	[redacted]													
7																
8	Texas Eastern Zone M-3 Purchases															
9	Purchased Volumes	Sendout Optimization	172	102	102	95	102	-	-	-	-	-	-	-	-	-
10	Monthly NYMEX Price	Att FXW-10, Line 18 of Page 1	$ 2.991	$ 3.453	$ 3.706	$ 3.634	$ 3.328	$ 3.052	$ 3.051	$ 3.161	$ 3.279	$ 3.320	$ 3.302	$ 3.395		
11	NYMEX Cost	Line 9 times Line 10	$ 514	$ 352	$ 378	$ 347	$ 340	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
12	NYMEX Basis Price	Att FXW-10, Line 6 of Page 1	[redacted]													
13	NYMEX Basis Costs	Line 9 times Line 12														
14	Total Purchase Price	Line 10 plus Line 12														
15	Total Purchase Cost	Line 11 plus Line 13														
16																
17	Transportation Fuel Losses and Variable Charges															
18	Algonquin Pipeline (Contract 93201A1C)															
19	Receipt Point: Lamberville, NJ															
20	Delivery Point: Bay State City Gate (Delivered to Northern via Exchange Agreement)															
21	Total Contract Recevied Volume	Sendout Optimization	29,122	30,017	30,017	28,080	30,017	-	-	-	-	-	-	-	-	-
22	Received Volume	Line 14	172	102	102	95	102	-	-	-	-	-	-	-	-	-
23	Percentage Allocated	Line 22 divided by Line 21	0.59%	0.34%	0.34%	0.34%	0.34%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
24	Received Volume	Line 15	172	102	102	95	102	-	-	-	-	-	-	-	-	-
25	Fuel Loss Rate	Att FXW-10, Line 30 of Page 2	0.59%	0.34%	0.34%	0.34%	0.34%								1.20%	1.20%
26	City Gate Delivered Volume	Line 24 times (1 - Line 25)	171	102	102	95	102	-	-	-	-	-	-	-	-	-
27	Variable Transportation Rate	Att FXW-10, Line 16 of Page 2	$ 0.0391	$ 0.0391	$ 0.0391	$ 0.0391	$ 0.0391									
28	Variable Transportation Costs	Line 26 times Line 27	$ 7	$ 4	$ 4	$ 4	$ 4	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -

Source of Supply: Transco Zone 6, non-NY

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Line	City Gate Delivered Costs	Reference	Nov-23	Dec-23	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24
1	Purchased Volumes	Line 9	8,631	8,896	8,896	8,322	8,896	-	-	-	-	-	-	-
2	City Gate Delivered Volume	Sum Lines 23	8,580	8,866	8,866	8,294	8,866	-	-	-	-	-	-	-
3	Total Purchase Cost	Line 15	[redacted]											
4	Variable Transportation Costs	Sum Lines 25	$ 335	$ 347	$ 347	$ 324	$ 347	$ -	$ -	$ -	$ -	$ -	$ -	$ -
5	Total City Gate Delivered Costs	Sum Lines 3 and 4	[redacted]											
6	Average Delivered Price	Line 5 divided by Line 2												
7														
8	Tranco Zone 6, non-NY Purchases													
9	Purchased Volumes	Sendout Optimization	8,631	8,896	8,896	8,322	8,896	-	-	-	-	-	-	-
10	Monthly NYMEX Price	Att FXW-10, Line 18 of Page 1	$ 2.991	$ 3.453	$ 3.706	$ 3.634	$ 3.328	$ 3.052	$ 3.051	$ 3.161	$ 3.279	$ 3.320	$ 3.302	$ 3.395
11	NYMEX Cost	Line 9 times Line 10	$ 25,815	$ 30,719	$ 32,969	$ 30,243	$ 29,607	$ -	$ -	$ -	$ -	$ -	$ -	$ -
12	NYMEX Basis Price	Att FXW-10, Line 5 of Page 1	[redacted]											
13	NYMEX Basis Costs	Line 9 times Line 12												
14	Total Purchase Price	Line 10 plus Line 12												
15	Total Purchase Cost	Line 11 plus Line 13												
16														
17	Transportation Fuel Losses and Variable Charges													
18	Algonquin Pipeline (Contract 93201A1C)													
19	Receipt Point: Centerville, NJ													
20	Delivery Point: Bay State City Gate (Delivered to Northern via Exchange Agreement)													
21	Received Volume	Line 15	8,631	8,896	8,896	8,322	8,896	-	-	-	-	-	-	-
22	Fuel Loss Rate	Att FXW-10, Line 30 of Page 2	0.59%	0.34%	0.34%	0.34%	0.34%							
23	City Gate Delivered Volume	Line 21 times (1 - Line 22)	8,580	8,866	8,866	8,294	8,866	-	-	-	-	-	-	-
24	Variable Transportation Rate	Att FXW-10, Line 16 of Page 2	$ 0.0391	$ 0.0391	$ 0.0391	$ 0.0391	$ 0.0391							
25	Variable Transportation Costs	Line 23 times Line 24	$ 335	$ 347	$ 347	$ 324	$ 347	$ -	$ -	$ -	$ -	$ -	$ -	$ -

Source of Supply: Tennessee Niagara Pipeline Path

Denotes Confidential Information

Line	City Gate Delivered Costs	Reference	Nov-23	Dec-23	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24
1	Purchased Volumes	Line 9	53,836	55,631	55,631	52,042	55,631	53,836	21,706	-	-	-	1,736	28,624
2	City Gate Delivered Volume	Line 41	53,213	54,987	54,987	51,439	54,987	53,213	21,455	-	-	-	1,716	28,293
3	Total Purchase Cost	Line 15	[redacted]											
4	Variable Transportation Costs	Sum Lines 25, 34 and 43	$ 4,261	$ 4,403	$ 4,403	$ 4,119	$ 4,403	$ 4,261	$ 1,718	$ -	$ -	$ -	$ 137	$ 2,266
5	Total City Gate Delivered Costs	Sum Lines 3 and 4	[redacted]											
6	Average Delivered Price	Line 5 divided by Line 2												
7														
8	Niagara Supply Costs													
9	Purchased Volumes	Sendout Optimization	53,836	55,631	55,631	52,042	55,631	53,836	21,706	-	-	-	1,736	28,624
10	Monthly NYMEX Price	Att FXW-10, Line 18 of Page 1	$ 2.991	$ 3.453	$ 3.706	$ 3.634	$ 3.328	$ 3.052	$ 3.051				$ 3.302	$ 3.395
11	NYMEX Cost	Line 9 times Line 10	$ 161,024	$ 192,092	$ 206,167	$ 189,119	$ 185,139	$ 164,308	$ 66,226	$ -	$ -	$ -	$ 5,734	$ 97,178
12	NYMEX Basis Price	Att FXW-10, Line 3 of Page 1	[redacted]											
13	NYMEX Basis Costs	Line 9 times Line 12												
14	Total Purchase Price	Line 10 plus Line 12												
15	Total Purchase Cost	Line 11 plus Line 13												
16														
17	Transportation Fuel Losses and Variable Charges													
18	Tennessee Gas Pipeline (Contract 5292)													
19	Receipt Point: Niagara													
20	Delivery Point: Pleasant St. (Interconnection with Granite)													
21	Received Volume	Line 9	32,423	33,503	33,503	31,342	33,503	32,423	13,666	-	-	-	1,023	17,662
22	Fuel Loss Rate	Att FXW-10, Line 41 of Page 2	0.81%	0.81%	0.81%	0.81%	0.81%	0.81%	0.81%				0.81%	0.81%
23	Delivered Volume	Line 21 times (1 - Line 22)	32,160	33,232	33,232	31,088	33,232	32,160	13,556	-	-	-	1,014	17,519
24	Variable Transportation Rate	Att FXW-10, Line 27 of Page 2	$ 0.0784	$ 0.0784	$ 0.0784	$ 0.0784	$ 0.0784	$ 0.0784	$ 0.0784				$ 0.0784	$ 0.0784
25	Variable Transportation Costs	Line 23 times Line 24	$ 2,521	$ 2,605	$ 2,605	$ 2,437	$ 2,605	$ 2,521	$ 1,063	$ -	$ -	$ -	$ 80	$ 1,374
26														
27	Tennessee Gas Pipeline (Contract 39735)													
28	Receipt Point: Niagara													
29	Delivery Point: Pleasant St. (Interconnection with Granite)													
30	Received Volume	Line 9	21,413	22,127	22,127	20,700	22,127	21,413	8,040	-	-	-	714	10,961
31	Fuel Loss Rate	Att FXW-10, Line 41 of Page 2	0.81%	0.81%	0.81%	0.81%	0.81%	0.81%	0.81%				0.81%	0.81%
32	Delivered Volume	Line 30 times (1 - Line 31)	21,240	21,948	21,948	20,532	21,948	21,240	7,975	-	-	-	708	10,873
33	Variable Transportation Rate	Att FXW-10, Line 27 of Page 2	$ 0.0784	$ 0.0784	$ 0.0784	$ 0.0784	$ 0.0784	$ 0.0784	$ 0.0784				$ 0.0784	$ 0.0784
34	Variable Transportation Costs	Line 32 times Line 33	$ 1,665	$ 1,721	$ 1,721	$ 1,610	$ 1,721	$ 1,665	$ 625	$ -	$ -	$ -	$ 56	$ 852
35														
36	Granite State Gas Transmission (Contract 19-100-FT-NN)													
37	Receipt Point: Pleasant St.													
38	Delivery Point: Northern City Gates													
39	Received Volume	Line 32	53,400	55,180	55,180	51,620	55,180	53,400	21,531	-	-	-	1,722	28,392
40	Fuel Loss Rate	Att FXW-10, Line 32 of Page 2	0.35%	0.35%	0.35%	0.35%	0.35%	0.35%	0.35%	0.35%	0.35%	0.35%	0.35%	0.35%
41	City Gate Delivered Volume	Line 39 times (1 - Line 40)	53,213	54,987	54,987	51,439	54,987	53,213	21,455	-	-	-	1,716	28,293
42	Variable Transportation Rate	Att FXW-10, Line 18 of Page 2	$ 0.0014	$ 0.0014	$ 0.0014	$ 0.0014	$ 0.0014	$ 0.0014	$ 0.0014	$ 0.0014	$ 0.0014	$ 0.0014	$ 0.0014	$ 0.0014
43	Variable Transportation Costs	Line 41 times Line 42	$ 74	$ 77	$ 77	$ 72	$ 77	$ 74	$ 30	$ -	$ -	$ -	$ 2	$ 40

Source of Supply: Iroquois Receipts Pipeline Path

Denotes Confidential Information

Line	City Gate Delivered Costs	Reference	Nov-23	Dec-23	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24
1	Purchased Volumes	Line 9	189,470	195,453	195,453	182,843	195,453	-	-	-	-	-	-	-
2	City Gate Delivered Volume	Line 32	187,042	193,277	193,277	180,808	193,277	-	-	-	-	-	-	-
3	Total Purchase Cost	Line 15	[redacted]											
4	Variable Transportation Costs	Sum of Variable Transport Costs	$ 21,033	$ 21,707	$ 21,707	$ 20,307	$ 21,707	$ -	$ -	$ -	$ -	$ -	$ -	$ -
5	Total City Gate Delivered Costs	Sum Lines 3 and 4	[redacted]											
6	Average Delivered Price	Line 5 divided by Line 2	[redacted]											
7														
8	Irqoquois Receipts Supply Costs													
9	Purchased Volumes	Sendout Optimization	189,470	195,453	195,453	182,843	195,453	-	-	-	-	-	-	-
10	Monthly NYMEX Price	Att FXW-10, Line 18 of Page 1	$ 2.991	$ 3.453	$ 3.706	$ 3.634	$ 3.328							
11	NYMEX Cost	Line 9 times Line 10	$ 566,704	$ 674,899	$ 724,349	$ 664,452	$ 650,468	$ -	$ -	$ -	$ -	$ -	$ -	$ -
12	NYMEX Basis Price	Att FXW-10, Line 4 of Page 1	[redacted]											
13	NYMEX Basis Costs	Line 9 times Line 12												
14	Total Purchase Price	Line 10 plus Line 12												
15	Total Purchase Cost	Line 11 plus Line 13												
16														
17	Transportation Fuel Losses and Variable Charges													
18	Iroquois Pipeline (Contract R181001)													
19	Receipt Point: Waddington													
20	Delivery Point: Wright (Interconnection with Tennessee)													
21	Received Volume	Line 14	189,470	195,453	195,453	182,843	195,453	-	-	-	-	-	-	-
22	Fuel Loss Rate	Att FXW-10, Line 33 of Page 2	0.04%	0.04%	0.04%	0.04%	0.04%							
23	Delivered Volume	Line 21 times (1 - Line 22)	189,394	195,375	195,375	182,770	195,375	-	-	-	-	-	-	-
24	Variable Transportation Rate	Att FXW-10, Line 19 of Page 2	$ 0.0048	$ 0.0048	$ 0.0048	$ 0.0048	$ 0.0048							
25	Variable Transportation Costs	Line 23 times Line 24	$ 909	$ 938	$ 938	$ 877	$ 938	$ -	$ -	$ -	$ -	$ -	$ -	$ -
26														
27	Tennessee Gas Pipeline (Contract 95196)													
28	Receipt Point: Wright													
29	Delivery Point: Bay State City Gate (Delivered to Northern via Exchange Agreement)													
30	Received Volume	Line 23	41,799	43,192	43,192	40,405	43,192	-	-	-	-	-	-	-
31	Fuel Loss Rate	Att FXW-10, Line 41 of Page 2	0.81%	0.81%	0.81%	0.81%	0.81%							
32	City Gate Delivered Volume	Line 30 times (1 - Line 31)	41,460	42,842	42,842	40,078	42,842	-	-	-	-	-	-	-
33	Variable Transportation Rate	Att FXW-10, Line 27 of Page 2	$ 0.0784	$ 0.0784	$ 0.0784	$ 0.0784	$ 0.0784							
34	Variable Transportation Costs	Line 32 times Line 33	$ 3,250	$ 3,359	$ 3,359	$ 3,142	$ 3,359	$ -	$ -	$ -	$ -	$ -	$ -	$ -
35														
36	Tennessee Gas Pipeline (Contract 95196)													
37	Receipt Point: Wright													
38	Delivery Point: Pleasant St. (Interconnection with Granite)													
39	Received Volume	Line 32	19,478	20,127	20,127	18,829	20,127	-	-	-	-	-	-	-
40	Fuel Loss Rate	Att FXW-10, Line 41 of Page 2	0.81%	0.81%	0.81%	0.81%	0.81%							
41	Delivered Volume	Line 39 times (1 - Line 40)	19,320	19,964	19,964	18,676	19,964	-	-	-	-	-	-	-
42	Variable Transportation Rate	Att FXW-10, Line 27 of Page 2	$ 0.0784	$ 0.0784	$ 0.0784	$ 0.0784	$ 0.0784							
43	Variable Transportation Costs	Line 41 times Line 42	$ 1,515	$ 1,565	$ 1,565	$ 1,464	$ 1,565	$ -	$ -	$ -	$ -	$ -	$ -	$ -
44														
45	Granite State Gas Transmission (Contract 19-100-FT-NN)													
46	Receipt Point: Pleasant St.													
47	Delivery Point: Northern City Gates													
48	Received Volume	Line 41	19,320	19,964	19,964	18,676	19,964	-	-	-	-	-	-	-
49	Fuel Loss Rate	Att FXW-10, Line 32 of Page 2	0.35%	0.35%	0.35%	0.35%	0.35%	0.35%	0.35%	0.35%	0.35%	0.35%	0.35%	0.35%
50	City Gate Delivered Volume	Line 48 times (1 - Line 49)	19,252	19,894	19,894	18,611	19,894	-	-	-	-	-	-	-
51	Variable Transportation Rate	Att FXW-10, Line 18 of Page 2	$ 0.0014	$ 0.0014	$ 0.0014	$ 0.0014	$ 0.0014	$ 0.0014	$ 0.0014	$ 0.0014	$ 0.0014	$ 0.0014	$ 0.0014	$ 0.0014
52	Variable Transportation Costs	Line 50 times Line 51	$ 27	$ 28	$ 28	$ 26	$ 28	$ -	$ -	$ -	$ -	$ -	$ -	$ -
53														
54	Tennessee Gas Pipeline (Contract 95196)													
55	Receipt Point: Wright													
56	Delivery Point: Pleasant St. (Interconnection with Granite)													
57	Received Volume	Line 50	128,118	132,056	132,056	123,536	132,056	-	-	-	-	-	-	-
58	Fuel Loss Rate	Att FXW-10, Line 41 of Page 2	0.81%	0.81%	0.81%	0.81%	0.81%							
59	Delivered Volume	Line 57 times (1 - Line 58)	127,080	130,986	130,986	122,536	130,986	-	-	-	-	-	-	-
60	Variable Transportation Rate	Att FXW-10, Line 27 of Page 2	$ 0.0784	$ 0.0784	$ 0.0784	$ 0.0784	$ 0.0784							
61	Variable Transportation Costs	Line 59 times Line 60	$ 9,963	$ 10,269	$ 10,269	$ 9,607	$ 10,269	$ -	$ -	$ -	$ -	$ -	$ -	$ -
62														
63	Tennessee Gas Pipeline (Contract 95196)													
64	Receipt Point: Wright													
65	Delivery Point: Pleasant St. (Interconnection with Granite)													
66	Received Volume	Line 59	127,080	130,986	130,986	122,536	130,986	-	-	-	-	-	-	-
67	Fuel Loss Rate	Att FXW-10, Line 30 of Page 2	0.59%	0.34%	0.34%	0.34%	0.34%							
68	City Gate Delivered Volume	Line 66 times (1 - Line 67)	126,330	130,541	130,541	122,119	130,541	-	-	-	-	-	-	-
69	Variable Transportation Rate	Att FXW-10, Line 16 of Page 2	$ 0.0425	$ 0.0425	$ 0.0425	$ 0.0425	$ 0.0425							
70	Variable Transportation Costs	Line 68 times Line 69	$ 5,369	$ 5,548	$ 5,548	$ 5,190	$ 5,548	$ -	$ -	$ -	$ -	$ -	$ -	$ -

Source of Supply: Tennessee Zone 0

Denotes Confidential Information

Line	City Gate Delivered Costs	Reference	Nov-23	Dec-23	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24
1	Purchased Volumes	Line 51	54,785	113,610	113,610	106,280	56,611	-	-	-	-	-	-	-
2	City Gate Delivered Volume	Line 62	52,316	108,491	108,491	101,492	54,060	-	-	-	-	-	-	-
3	Total Purchase Cost	Line 2 times Line 3	[redacted]											
4	Variable Transportation Costs	Sum Lines 55 and 64	$ 16,353	$ 33,913	$ 33,913	$ 31,725	$ 16,899	$ -	$ -	$ -	$ -	$ -	$ -	$ -
5	Total City Gate Delivered Costs	Sum Lines 4 and 5	[redacted]											
6	Average Delivered Price	Line 6 divided by Line 2	[redacted]											
7														
8	Tennessee Zone 0 Supply Costs													
9	Block 1 Nov-Mar NYMEX Lock Volume		-	-	-	-	-							
10	Block 1 Nov-Mar NYMEX Lock Price													
11	Block 1 Nov-Mar NYMEX Lock Cost		$ -	$ -	$ -	$ -	$ -							
12	Block 1 Dec-Feb NYMEX Lock Volume			27,125	27,125	25,375								
13	Block 1 Dec-Feb NYMEX Lock Price			$ 3.675	$ 3.675	$ 3.675								
14	Block 1 Dec-Feb NYMEX Lock Cost			$ 99,684	$ 99,684	$ 93,253								
15	Block 2 Nov-Mar NYMEX Lock Volume		-	-	-	-	-							
16	Block 2 Nov-Mar NYMEX Lock Price													
17	Block 2 Nov-Mar NYMEX Lock Cost		$ -	$ -	$ -	$ -	$ -							
18	Block 2 Dec-Feb NYMEX Lock Volume			27,125	27,125	25,375								
19	Block 2 Dec-Feb NYMEX Lock Price			$ 3.750	$ 3.750	$ 3.750								
20	Block 2 Dec-Feb NYMEX Lock Cost			$ 101,719	$ 101,719	$ 95,156								
21	Block 3 Nov-Mar NYMEX Lock Volume		-	-	-	-	-							
22	Block 3 Nov-Mar NYMEX Lock Price													
23	Block 3 Nov-Mar NYMEX Lock Cost		$ -	$ -	$ -	$ -	$ -							
24	Block 3 Dec-Feb NYMEX Lock Volume			27,125	27,125	25,375								
25	Block 3 Dec-Feb NYMEX Lock Price			$ 3.887	$ 3.887	$ 3.887								
26	Block 3 Dec-Feb NYMEX Lock Cost			$ 105,435	$ 105,435	$ 98,633								
27	Block 4 Nov-Mar NYMEX Lock Volume		-	-	-	-	-							
28	Block 4 Nov-Mar NYMEX Lock Price													
29	Block 4 Nov-Mar NYMEX Lock Cost		$ -	$ -	$ -	$ -	$ -							
30	Block 4 Dec-Feb NYMEX Lock Volume			-	-	-								
31	Block 4 Dec-Feb NYMEX Lock Price													
32	Block 4 Dec-Feb NYMEX Lock Cost			$ -	$ -	$ -								
33	Total NYMEX Lock Volume		-	81,375	81,375	76,125	-							
34	Weighted Average NYMEX Lock Price			$ 3.771	$ 3.771	$ 3.771								
35	Total NYMEX Lock Cost		$ -	$ 306,838	$ 306,838	$ 287,042	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
36	NYMEX Variable Volume		54,785	32,235	32,235	30,155	56,611	-	-	-	-	-	-	-
37	Monthly NYMEX Price		$ 2.991	$ 3.453	$ 3.706	$ 3.634	$ 3.328	$ 3.052	$ 3.051	$ 3.161	$ 3.279	$ 3.320	$ 3.302	$ 3.395
38	Total NYMEX Variable Cost		$ 163,860	$ 111,306	$ 119,461	$ 109,583	$ 188,400	$ -	$ -	$ -	$ -	$ -	$ -	$ -
39	Purchased Volumes	Sendout Optimization	54,785	113,610	113,610	106,280	56,611	-	-	-	-	-	-	-
40	Average NYMEX Price	Att FXW-10, Line 18 of Page 1	$ 2.991	$ 3.681	$ 3.752	$ 3.732	$ 3.328							
41	NYMEX Cost	Line 9 times Line 10	$ 163,860	$ 418,144	$ 426,299	$ 396,625	$ 188,400	$ -	$ -	$ -	$ -	$ -	$ -	$ -
42	NYMEX Basis Price	Att FXW-10, Line 1 of Page 1	[redacted]											
43	NYMEX Basis Costs	Line 9 times Line 12												
44	Total Purchase Price	Line 10 plus Line 12												
45	Total Purchase Cost	Line 11 plus Line 13												
46														
47	Transportation Fuel Losses and Variable Charges													
48	Tennessee Gas Pipeline (Contract 5083)													
49	Receipt Point: Tennessee Zone 0													
50	Delivery Point: Pleasant St. (Interconnection with Granite)													
51	Received Volume	Line 39	54,785	113,610	113,610	106,280	56,611	-	-	-	-	-	-	-
52	Fuel Loss Rate	Att FXW-10, Line 38 of Page 2	4.17%	4.17%	4.17%	4.17%	4.17%							
53	Delivered Volume	Line 51 times (1 - Line 52)	52,500	108,872	108,872	101,848	54,250	-	-	-	-	-	-	-
54	Variable Transportation Rate	Att FXW-10, Line 24 of Page 2	$ 0.3101	$ 0.3101	$ 0.3101	$ 0.3101	$ 0.3101							
55	Variable Transportation Costs	Line 53 times Line 54	$ 16,280	$ 33,761	$ 33,761	$ 31,583	$ 16,823	$ -	$ -	$ -	$ -	$ -	$ -	$ -
56														
57	Granite State Gas Transmission (Contract 19-100-FT-NN)													
58	Receipt Point: Pleasant St.													
59	Delivery Point: Northern City Gates													
60	Received Volume	Line 53	52,500	108,872	108,872	101,848	54,250	-	-	-	-	-	-	-
61	Fuel Loss Rate	Att FXW-10, Line 32 of Page 2	0.35%	0.35%	0.35%	0.35%	0.35%	0.35%	0.35%	0.35%	0.35%	0.35%	0.35%	0.35%
62	City Gate Delivered Volume	Line 60 times (1 - Line 61)	52,316	108,491	108,491	101,492	54,060	-	-	-	-	-	-	-
63	Variable Transportation Rate	Att FXW-10, Line 18 of Page 2	$ 0.0014	$ 0.0014	$ 0.0014	$ 0.0014	$ 0.0014	$ 0.0014	$ 0.0014	$ 0.0014	$ 0.0014	$ 0.0014	$ 0.0014	$ 0.0014
64	Variable Transportation Costs	Line 62 times Line 63	$ 73	$ 152	$ 152	$ 142	$ 76	$ -	$ -	$ -	$ -	$ -	$ -	$ -

Source of Supply: Tennessee Zone L

Denotes Confidential Information

Line	City Gate Delivered Costs	Reference	Nov-23	Dec-23	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24
1	Purchased Volumes	Line 51	101,183	209,755	209,755	196,223	104,556	-	-	-	-	-	-	-
2	City Gate Delivered Volume	Line 62	97,159	201,413	201,413	188,418	100,397	-	-	-	-	-	-	-
3	Total Purchase Cost	Line 2 times Line 3	[redacted]											
4	Variable Transportation Costs	Sum Lines 55 and 64	$ 26,490	$ 54,915	$ 54,915	$ 51,372	$ 27,373	$ -	$ -	$ -	$ -	$ -	$ -	$ -
5	Total City Gate Delivered Costs	Sum Lines 4 and 5	[redacted]											
6	Average Delivered Price	Line 6 divided by Line 2	[redacted]											
7														
8	Tennessee Zone L Supply Costs													
9	Block 1 Nov-Mar NYMEX Lock Volume		-	-	-	-	-							
10	Block 1 Nov-Mar NYMEX Lock Price													
11	Block 1 Nov-Mar NYMEX Lock Cost		$ -	$ -	$ -	$ -	$ -							
12	Block 1 Dec-Feb NYMEX Lock Volume			50,375	50,375	47,125								
13	Block 1 Dec-Feb NYMEX Lock Price			$ 3.675	$ 3.675	$ 3.675								
14	Block 1 Dec-Feb NYMEX Lock Cost			$ 185,128	$ 185,128	$ 173,184								
15	Block 2 Nov-Mar NYMEX Lock Volume		-	-	-	-	-							
16	Block 2 Nov-Mar NYMEX Lock Price													
17	Block 2 Nov-Mar NYMEX Lock Cost		$ -	$ -	$ -	$ -	$ -							
18	Block 2 Dec-Feb NYMEX Lock Volume			50,375	50,375	47,125								
19	Block 2 Dec-Feb NYMEX Lock Price			$ 3.750	$ 3.750	$ 3.750								
20	Block 2 Dec-Feb NYMEX Lock Cost			$ 188,906	$ 188,906	$ 176,719								
21	Block 3 Nov-Mar NYMEX Lock Volume		-	-	-	-	-							
22	Block 3 Nov-Mar NYMEX Lock Price													
23	Block 3 Nov-Mar NYMEX Lock Cost		$ -	$ -	$ -	$ -	$ -							
24	Block 3 Dec-Feb NYMEX Lock Volume			50,375	50,375	47,125								
25	Block 3 Dec-Feb NYMEX Lock Price			$ 3.887	$ 3.887	$ 3.887								
26	Block 3 Dec-Feb NYMEX Lock Cost			$ 195,808	$ 195,808	$ 183,175								
27	Block 4 Nov-Mar NYMEX Lock Volume		-	-	-	-	-							
28	Block 4 Nov-Mar NYMEX Lock Price													
29	Block 4 Nov-Mar NYMEX Lock Cost		$ -	$ -	$ -	$ -	$ -							
30	Block 4 Dec-Feb NYMEX Lock Volume			-	-	-								
31	Block 4 Dec-Feb NYMEX Lock Price													
32	Block 4 Dec-Feb NYMEX Lock Cost			$ -	$ -	$ -								
33	Total NYMEX Lock Volume		-	151,125	151,125	141,375	-							
34	Weighted Average NYMEX Lock Price			$ 3.771	$ 3.771	$ 3.771								
35	Total NYMEX Lock Cost		$ -	$ 569,842	$ 569,842	$ 533,078	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
36	NYMEX Variable Volume		101,183	58,630	58,630	54,848	104,556	-	-	-	-	-	-	-
37	Monthly NYMEX Price		$ 2.991	$ 3.453	$ 3.706	$ 3.634	$ 3.328	$ 3.052	$ 3.051	$ 3.161	$ 3.279	$ 3.320	$ 3.302	$ 3.395
38	Total NYMEX Variable Cost		$ 302,639	$ 202,450	$ 217,283	$ 199,316	$ 347,962	$ -	$ -	$ -	$ -	$ -	$ -	$ -
39	Purchased Volumes	Sendout Optimization	101,183	209,755	209,755	196,223	104,556	-	-	-	-	-	-	-
40	Average NYMEX Price	Att FXW-10, Line 18 of Page 1	$ 2.991	$ 3.682	$ 3.753	$ 3.732	$ 3.328							
41	NYMEX Cost	Line 9 times Line 10	$ 302,639	$ 772,292	$ 787,125	$ 732,394	$ 347,962	$ -	$ -	$ -	$ -	$ -	$ -	$ -
42	NYMEX Basis Price	Att FXW-10, Line 2 of Page 1	[redacted]											
43	NYMEX Basis Costs	Line 9 times Line 12												
44	Total Purchase Price	Line 10 plus Line 12												
45	Total Purchase Cost	Line 11 plus Line 13												
46														
47	Transportation Fuel Losses and Variable Charges													
48	Tennessee Gas Pipeline (Contract 5083)													
49	Receipt Point: Tennessee Zone L													
50	Delivery Point: Pleasant St. (Interconnection with Granite)													
51	Received Volume	Line 39	101,183	209,755	209,755	196,223	104,556	-	-	-	-	-	-	-
52	Fuel Loss Rate	Att FXW-10, Line 39 of Page 2	3.64%	3.64%	3.64%	3.64%	3.64%							
53	Delivered Volume	Line 51 times (1 - Line 52)	97,500	202,120	202,120	189,080	100,750	-	-	-	-	-	-	-
54	Variable Transportation Rate	Att FXW-10, Line 25 of Page 2	$ 0.2703	$ 0.2703	$ 0.2703	$ 0.2703	$ 0.2703							
55	Variable Transportation Costs	Line 53 times Line 54	$ 26,354	$ 54,633	$ 54,633	$ 51,108	$ 27,233	$ -	$ -	$ -	$ -	$ -	$ -	$ -
56														
57	Granite State Gas Transmission (Contract 19-100-FT-NN)													
58	Receipt Point: Pleasant St.													
59	Delivery Point: Northern City Gates													
60	Received Volume	Line 53	97,500	202,120	202,120	189,080	100,750	-	-	-	-	-	-	-
61	Fuel Loss Rate	Att FXW-10, Line 32 of Page 2	0.35%	0.35%	0.35%	0.35%	0.35%	0.35%	0.35%	0.35%	0.35%	0.35%	0.35%	0.35%
62	City Gate Delivered Volume	Line 60 times (1 - Line 61)	97,159	201,413	201,413	188,418	100,397	-	-	-	-	-	-	-
63	Variable Transportation Rate	Att FXW-10, Line 18 of Page 2	$ 0.0014	$ 0.0014	$ 0.0014	$ 0.0014	$ 0.0014	$ 0.0014	$ 0.0014	$ 0.0014	$ 0.0014	$ 0.0014	$ 0.0014	$ 0.0014
64	Variable Transportation Costs	Line 62 times Line 63	$ 136	$ 282	$ 282	$ 264	$ 141	$ -	$ -	$ -	$ -	$ -	$ -	$ -

Source of Supply: Atlantic Bridge Ramapo Pipeline Path

Denotes Confidential Information

Line	City Gate Delivered Costs	Reference	Nov-23	Dec-23	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24
1	Purchased Volumes	Line 9	179,555	188,276	188,276	176,129	188,276	179,863	185,859	179,863	-	20,109	179,863	185,859
2	City Gate Delivered Volume	Sum Lines 32	171,600	177,320	177,320	165,880	177,320	171,600	177,320	171,600	-	19,185	171,600	177,320
3	Total Purchase Cost	Line 15	[redacted]											
4	Variable Transportation Costs	Sum Lines 34	$ 10,620	$ 10,974	$ 10,974	$ 10,266	$ 10,974	$ 10,638	$ 10,993	$ 10,638	$ -	$ 1,189	$ 10,638	$ 10,993
5	Total City Gate Delivered Costs	Sum Lines 3 and 4	[redacted]											
6	Average Delivered Price	Line 5 divided by Line 2												
7														
8	Ramapo Supply Purchases													
9	Purchased Volumes	Sendout Optimization	179,555	188,276	188,276	176,129	188,276	179,863	185,859	179,863	-	20,109	179,863	185,859
10	Monthly NYMEX Price	Att FXW-10, Line 18 of Page 1	$ 2.991	$ 3.453	$ 3.706	$ 3.634	$ 3.328	$ 3.052	$ 3.051	$ 3.161		$ 3.320	$ 3.302	$ 3.395
11	NYMEX Cost	Line 9 times Line 10	$ 537,049	$ 650,117	$ 697,751	$ 640,053	$ 626,582	$ 548,943	$ 567,055	$ 568,548	$ -	$ 66,761	$ 593,909	$ 630,991
12	NYMEX Basis Price	Att FXW-10, Line 13 of Page 1	[redacted]											
13	NYMEX Basis Costs	Line 9 times Line 12												
14	Total Purchase Price	Line 10 plus Line 12												
15	Total Purchase Cost	Line 11 plus Line 13												
16														
17	Transportation Fuel Losses and Variable Charges													
18	Algonquin Pipeline (Contract 510939)													
19	Receipt Point: Ramapo, NJ													
20	Delivery Point: Beverly													
21	Received Volume	Line 15	179,555	188,276	188,276	176,129	188,276	179,863	185,859	179,863	-	20,109	179,863	185,859
22	Fuel Loss Rate	Att FXW-10, Line 31 of Page 2	3.65%	5.05%	5.05%	5.05%	5.05%	3.65%	3.65%	3.65%		3.65%	3.65%	3.65%
23	Delivered Volume	Line 21 times (1 - Line 22)	173,001	178,768	178,768	167,235	178,768	173,298	179,075	173,298	-	19,375	173,298	179,075
24	Variable Transportation Rate	Att FXW-10, Line 17 of Page 2	$ 0.0600	$ 0.0600	$ 0.0600	$ 0.0600	$ 0.0600	$ 0.0600	$ 0.0600	$ 0.0600		$ 0.0600	$ 0.0600	$ 0.0600
25	Variable Transportation Costs	Line 23 times Line 24	$ 10,380	$ 10,726	$ 10,726	$ 10,034	$ 10,726	$ 10,398	$ 10,744	$ 10,398	$ -	$ 1,162	$ 10,398	$ 10,744
26														
27	Maritimes Pipeline (Contract 210363)													
28	Receipt Point: Beverly													
29	Delivery Point: Lewiston City-Gate													
30	Received Volume	Line 15	173,001	178,768	178,768	167,235	178,768	173,298	179,075	173,298	-	19,375	173,298	179,075
31	Fuel Loss Rate	Att FXW-10, Line 34 of Page 2	0.81%	0.81%	0.81%	0.81%	0.81%	0.98%	0.98%	0.98%		0.98%	0.98%	0.98%
32	City Gate Delivered Volume	Line 30 times (1 - Line 31)	171,600	177,320	177,320	165,880	177,320	171,600	177,320	171,600	-	19,185	171,600	177,320
33	Variable Transportation Rate	Att FXW-10, Line 20 of Page 2	$ 0.0014	$ 0.0014	$ 0.0014	$ 0.0014	$ 0.0014	$ 0.0014	$ 0.0014	$ 0.0014		$ 0.0014	$ 0.0014	$ 0.0014
34	Variable Transportation Costs	Line 32 times Line 33	$ 240	$ 248	$ 248	$ 232	$ 248	$ 240	$ 248	$ 240	$ -	$ 27	$ 240	$ 248

Source of Supply: Tennessee Storage

Line	City Gate Delivered Costs	Reference	Nov-23	Dec-23	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24
2	Gross Withdrawn Volume	Line 10	-	12,599	66,471	62,183	66,018	-	-	-	-	-	-	-
3	City Gate Delivered Volume	Line 38	-	12,413	65,490	61,265	65,044	-	-	-	-	-	-	-
4	Total Withdrawal Costs	Line 18	$ -	$ 22,775	$ 120,160	$ 112,408	$ 119,341	$ -	$ -	$ -	$ -	$ -	$ -	$ -
5	Variable Transportation Costs	Sum Lines 31 and 40	$ -	$ 1,309	$ 6,907	$ 6,461	$ 6,860	$ -	$ -	$ -	$ -	$ -	$ -	$ -
6	Total City Gate Delivered Costs	Line 3 plus Line 4	$ -	$ 24,084	$ 127,067	$ 118,869	$ 126,201	$ -	$ -	$ -	$ -	$ -	$ -	$ -
7	Average Delivered Price	Line 5 divided by Line 2		$ 1.940	$ 1.940	$ 1.940	$ 1.940							
8														
9	Tennessee Storage Withdrawals													
10	Gross Withdrawn Volume	Sendout Optimization	-	12,599	66,471	62,183	66,018	-	-	-	-	-	-	-
11	Withdrawal Rate	Att to FXW-10, Line 1 of Page 3		$ 0.0087	$ 0.0087	$ 0.0087	$ 0.0087							
12	Withdrawal Charges	Line 9 times Line 10	-	110	578	541	574	-	-	-	-	-	-	-
13	Inventory Rate	FXW-8		$ 1.7990	$ 1.7990	$ 1.7990	$ 1.7990							
14	Withdrawn Inventory Value	Line 9 times Line 12	$ -	$ 22,666	$ 119,582	$ 111,867	$ 118,767	$ -	$ -	$ -	$ -	$ -	$ -	$ -
15	Withdrawal Fuel Rate	FXW-10, Line 2 of Page 3		0.00%	0.00%	0.00%	0.00%							
16	Withdrawal Fuel Losses	Att to FXW-10, Line 1 of Page 3 times Line 9	-	-	-	-	-	-	-	-	-	-	-	-
17	Net Withdrawn Volume	Line 9 minus Line 14	-	12,599	66,471	62,183	66,018	-	-	-	-	-	-	-
18	Total Withdrawal Costs	Line 11 plus Line 13	$ -	$ 22,775	$ 120,160	$ 112,408	$ 119,341	$ -	$ -	$ -	$ -	$ -	$ -	$ -
19														
20	Transportation Fuel Losses and Variable Charges													
21	Tennessee Gas Pipeline (Contract 5265)													
22	Receipt Point: Tennessee FS-MA Withdrawal Meter													
23	Delivery Point: Pleasant St. (Interconnection with Granite)													
24	Total Contract Recevied Volume	Sendout Optimization	64,327	66,471	66,471	62,183	66,471	64,327	66,471	-	15,875	-	64,327	66,471
25	Received Volume	Line 17	-	12,599	66,471	62,183	66,018	-	-	-	-	-	-	-
26	Percentage Allocated	Line 25 divided by Line 24	0.00%	18.95%	100.00%	100.00%	99.32%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
27	Received Volume	Line 25	-	12,599	66,471	62,183	66,018	-	-	-	-	-	-	-
28	Fuel Loss Rate	Att FXW-10, Line 40 of Page 2		1.13%	1.13%	1.13%	1.13%							
29	Delivered Volume	Line 27 times (1 - Line 28)	-	12,457	65,720	61,480	65,272	-	-	-	-	-	-	-
30	Variable Transportation Rate	Att FXW-10, Line 26 of Page 2		$ 0.1037	$ 0.1037	$ 0.1037	$ 0.1037							
31	Variable Transportation Costs	Line 29 times Line 30	$ -	$ 1,292	$ 6,815	$ 6,375	$ 6,769	$ -	$ -	$ -	$ -	$ -	$ -	$ -
32														
33	Granite State Gas Transmission (Contract 19-100-FT-NN)													
34	Receipt Point: Pleasant St.													
35	Delivery Point: Northern City Gates													
36	Received Volume	Line 29	-	12,457	65,720	61,480	65,272	-	-	-	-	-	-	-
37	Fuel Loss Rate	Att FXW-10, Line 32 of Page 2	0.35%	0.35%	0.35%	0.35%	0.35%	0.35%	0.35%	0.35%	0.35%	0.35%	0.35%	0.35%
38	City Gate Delivered Volume	Line 36 times (1 - Line 37)	-	12,413	65,490	61,265	65,044	-	-	-	-	-	-	-
39	Variable Transportation Rate	Att FXW-10, Line 18 of Page 2	$ 0.0014	$ 0.0014	$ 0.0014	$ 0.0014	$ 0.0014	$ 0.0014	$ 0.0014	$ 0.0014	$ 0.0014	$ 0.0014	$ 0.0014	$ 0.0014
40	Variable Transportation Costs	Line 38 times Line 39	$ -	$ 17	$ 92	$ 86	$ 91	$ -	$ -	$ -	$ -	$ -	$ -	$ -

Source of Supply: Empress

Denotes Confidential Information

Line	City Gate Delivered Costs	Reference	Nov-23	Dec-23	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24
1	Purchased Volumes	Line 9	-	-	-	-	-	310,603	213,102	182,234	321,794	321,794	116,944	298,318
2	City Gate Delivered Volume	Line 69	-	-	-	-	-	292,979	201,028	171,909	303,562	303,562	110,318	281,416
3	Total Purchase Cost	Line 15	[redacted]											
4	Variable Transportation Costs	Sum of Variable Transport Costs	$ -	$ -	$ -	$ -	$ -	$ 904	$ 564	$ 482	$ 851	$ 851	$ 309	$ 789
5	Total City Gate Delivered Costs	Sum Lines 3 and 4	[redacted]											
6	Average Delivered Price	Line 5 divided by Line 2												
7														
8	Empress Supply Costs													
9	Purchased Volumes	PLEXOS Optimization	-	-	-	-	-	310,603	213,102	182,234	321,794	321,794	116,944	298,318
10	Monthly NYMEX Price	Att FXW-10, Line 18 of Page 1						$ 3.052	$ 3.051	$ 3.161	$ 3.279	$ 3.320	$ 3.302	$ 3.395
11	NYMEX Cost	Line 9 times Line 10	$ -	$ -	$ -	$ -	$ -	$ 947,959	$ 650,174	$ 576,041	$ 1,055,163	$ 1,068,357	$ 386,149	$ 1,012,789
12	NYMEX Basis Price	Att FXW-10, Line 14 of Page 1	[redacted]											
13	NYMEX Basis Costs	Line 9 times Line 12												
14	Total Purchase Price	Line 10 plus Line 12												
15	Total Purchase Cost	Line 11 plus Line 13												
16														
17														
18	TransCanada Pipeline (Contracts 57055 & 57091)													
19	Receipt Point: Parkway													
20	Delivery Point: East Hereford													
21	Received Volume	Line 9	-	-	-	-	-	310,603	213,102	182,234	321,794	321,794	116,944	298,318
22	Fuel Loss Rate	Att FXW-10, Line 44 of Page 2						5.30%	5.30%	5.30%	5.30%	5.30%	5.30%	5.30%
23	Delivered Volume	Line 21 times (1 - Line 22)	-	-	-	-	-	294,132	201,802	172,570	304,730	304,730	110,743	282,499
24														
25		Total to East Hereford	595,630	827,284	920,049	872,246	806,752	683,117	244,548	172,570	304,730	304,730	110,743	323,707
26		Empress Supply	-	-	-	-	-	294,132	201,802	172,570	304,730	304,730	110,743	282,499
27		Percent	0%	0%	0%	0%	0%	43%	83%	100%	100%	100%	100%	87%
28														
29	PNGTS Pipeline (Contract 208543)													
30	Receipt Point: Pittsburg (interconnect with East Hereford)													
31	Delivery Point: Westbrook, Newington, Eliot													
32	Received Volume	Line 23	-	-	-	-	-	285,051	201,802	172,570	304,730	304,730	110,743	282,499
33	Fuel Loss Rate	Att FXW-10, Line 35 of Page 2						0.03%	0.03%	0.03%	0.03%	0.03%	0.03%	0.03%
34	Delivered Volume	Line 32 times (1 - Line 33)	-	-	-	-	-	284,956	201,734	172,513	304,628	304,628	110,706	282,404
35	Variable Transportation Rate	Att FXW-10, Line 21 of Page 2						$ 0.0014	$ 0.0014	$ 0.0014	$ 0.0014	$ 0.0014	$ 0.0014	$ 0.0014
36	Variable Transportation Costs	Line 34 times Line 35	$ -	$ -	$ -	$ -	$ -	$ 399	$ 282	$ 242	$ 426	$ 426	$ 155	$ 395
37														
38	PNGTS Pipeline (Contract 23339)													
39	Receipt Point: Pittsburg (interconnect with East Hereford)													
40	Delivery Point: Westbrook, Newington, Eliot													
41	Received Volume	Line 34	-	-	-	-	-	9,081	-	-	-	-	-	-
42	Fuel Loss Rate	Att FXW-10, Line 36 of Page 2						0.31%						
43	Delivered Volume	Line 41 times (1 - Line 42)	-	-	-	-	-	9,052	-	-	-	-	-	-
44	Variable Transportation Rate	Att FXW-10, Line 22 of Page 2						$ 0.0105						
45	Variable Transportation Costs	Line 43 times Line 44	$ -	$ -	$ -	$ -	$ -	$ 95	$ -	$ -	$ -	$ -	$ -	$ -
46														
47	PNGTS Pipeline (Contract 240520)													
48	Receipt Point: Pittsburg (interconnect with East Hereford)													
49	Delivery Point: Westbrook, Newington, Eliot													
50	Received Volume	Line 43	-	-	-	-	-	-	-	-	-	-	-	-
51	Fuel Loss Rate	Att FXW-10, Line 37 of Page 2												
52	Delivered Volume	Line 50 times (1 - Line 51)	-	-	-	-	-	-	-	-	-	-	-	-
53	Variable Transportation Rate	Att FXW-10, Line 23 of Page 2												
54	Variable Transportation Costs	Line 52 times Line 53	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
55														
56	PNGTS Pipeline (Contract TBD)													
57	Receipt Point: Pittsburg (interconnect with East Hereford)													
58	Delivery Point: Westbrook, Newington, Eliot													
59	Received Volume	Line 28	-	-	-	-	-	-	-	-	-	-	-	-
60	Fuel Loss Rate	Att FXW-10, Line 37 of Page 2												
61	Delivered Volume	Line 59 times (1 - Line 60)	-	-	-	-	-	-	-	-	-	-	-	-
62	Variable Transportation Rate	Att FXW-10, Line 23 of Page 2												
63	Variable Transportation Costs	Line 61 times Line 62	-	-	-	-	-	-	-	-	-	-	-	-
64	Granite State Gas Transmission (Contract 19-100-FT-NN)													
65	Receipt Point: Westbrook, Newington, Eliot													
66	Delivery Point: Northern City Gates													
67	Received Volume	Line 34	-	-	-	-	-	294,008	201,734	172,513	304,628	304,628	110,706	282,404
68	Fuel Loss Rate	Att FXW-10, Line 32 of Page 2	0.35%	0.35%	0.35%	0.35%	0.35%	0.35%	0.35%	0.35%	0.35%	0.35%	0.35%	0.35%
69	City Gate Delivered Volume	Line 67 times (1 - Line 68)	-	-	-	-	-	292,979	201,028	171,909	303,562	303,562	110,318	281,416
70	Variable Transportation Rate	Att FXW-10, Line 18 of Page 2	$ 0.0014	$ 0.0014	$ 0.0014	$ 0.0014	$ 0.0014	$ 0.0014	$ 0.0014	$ 0.0014	$ 0.0014	$ 0.0014	$ 0.0014	$ 0.0014
71	Variable Transportation Costs	Line 69 times Line 70	$ -	$ -	$ -	$ -	$ -	$ 410	$ 281	$ 241	$ 425	$ 425	$ 154	$ 394

Source of Supply: Dawn Hub Supply (Union Dawn Storage, PXP and WXP Dawn Hub Paths)

Denotes Confidential Information

Line	City Gate Delivered Costs	Reference	Nov-23	Dec-23	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	2021-2022 Winter	2022 Summer
1	Purchased Volumes	Line 9	612,358	-	-	-	-	397,326	43,663	-	-	-	-	42,092	-	-
2	City Gate Delivered Volume	Line 119	593,326	-	-	-	-	387,461	42,583	-	-	-	-	41,051	-	-
3	Total Purchase Cost	Line 15	[redacted]													
4	Variable Transportation Costs	Sum of Variable Transport Costs	$ 3,672	$ -	$ -	$ -	$ -	$ 2,459	$ 258	$ -	$ -	$ -	$ -	$ 249	$ -	$ -
5	Total City Gate Delivered Costs	Sum Lines 3 and 4	[redacted]													
6	Average Delivered Price	Line 5 divided by Line 2	[redacted]													
7																
8	Dawn Hub Supply Costs															
9	Purchased Volumes	PLEXOS Optimization	612,358	-	-	-	-	397,326	43,663	-	-	-	-	42,092	-	-
10	Monthly NYMEX Price	Att FXW-10, Line 18 of Page 1	$ 2.991					$ 3.052	$ 3.051					$ 3.395		
11	NYMEX Cost	Line 9 times Line 10	$ 1,831,562	$ -	$ -	$ -	$ -	$ 1,212,638	$ 133,216	$ -	$ -	$ -	$ -	$ 142,902	$ -	$ -
12	NYMEX Basis Price	Att FXW-10, Line 10 of Page 1	[redacted]													
13	NYMEX Basis Costs	Line 9 times Line 12														
14	Total Purchase Price	Line 10 plus Line 12														
15	Total Purchase Cost	Line 11 plus Line 13														
16																
17	Purchased Volumes	PLEXOS Optimization	612,358	-	-	-	-	397,326	43,663	-	-	-	-	42,092	-	-
18	Storage Net Withdrawn Volumes	PLEXOS Optimization	-	850,517	945,887	896,742	829,408	-	-	-	-	-	-	-	-	-
19	Total Volumes	Sum Lines 19 and 20	612,358	850,517	945,887	896,742	829,408	397,326	43,663	-	-	-	-	42,092	-	-
20	Purchased Percentage	Line 19 divided by Line 21	100%	0%	0%	0%	0%	100%	100%	0%	0%	0%	0%	100%	0%	0%
21																
22	Transportation Fuel Losses and Variable Charges															
23	Enbridge (Contract M12256)															
24	Receipt Point: Union Dawn															
25	Delivery Point: Parkway															
26	Received Volume	PLEXOS Optimization times Line 22	554,667	-	-	-	-	333,136	12,976	-	-	-	-	15,245	-	-
27	Fuel Loss Rate	Att FXW-10, Line 44 of Page 2	1.14%					0.64%	0.64%					0.64%		
28	Delivered Volume	Line 26 times (1 - Line 27)	548,344	-	-	-	-	331,004	12,893	-	-	-	-	15,147	-	-
29	Variable Transportation Rate	Att FXW-10, Line 29 of Page 2	$ 0.0032					$ 0.0032	$ 0.0032					$ 0.0032		
30	Variable Transportation Costs	Line 28 times Line 29	$ 1,755	$ -	$ -	$ -	$ -	$ 1,059	$ 41	$ -	$ -	$ -	$ -	$ 48	$ -	$ -
31																
32	Enbridge (Contract M12296)															
33	Receipt Point: Union Dawn															
34	Delivery Point: Parkway															
35	Received Volume	PLEXOS Optimization times Line 22	21,688	-	-	-	-	42,663	18,253	-	-	-	-	11,170	-	-
36	Fuel Loss Rate	Att FXW-10, Line 44 of Page 2	1.14%					0.64%	0.64%					0.64%		
37	Delivered Volume	Line 35 times (1 - Line 36)	21,441	-	-	-	-	42,390	18,137	-	-	-	-	11,099	-	-
38	Variable Transportation Rate	Att FXW-10, Line 29 of Page 2	$ 0.0032					$ 0.0032	$ 0.0032					$ 0.0032		
39	Variable Transportation Costs	Line 37 times Line 38	$ 69	$ -	$ -	$ -	$ -	$ 136	$ 58	$ -	$ -	$ -	$ -	$ 36	$ -	$ -
40																
41	Enbridge (Contract M12279)															
42	Receipt Point: Union Dawn															
43	Delivery Point: Parkway															
44	Received Volume	PLEXOS Optimization times Line 22	36,002	-	-	-	-	21,526	12,434	-	-	-	-	15,677	-	-
45	Fuel Loss Rate	Att FXW-10, Line 44 of Page 2	1.14%					0.64%	0.64%					0.64%		
46	Delivered Volume	Line 44 times (1 - Line 45)	35,592	-	-	-	-	21,389	12,354	-	-	-	-	15,577	-	-
47	Variable Transportation Rate	Att FXW-10, Line 29 of Page 2	$ 0.0032					$ 0.0032	$ 0.0032					$ 0.0032		
48	Variable Transportation Costs	Line 46 times Line 47	$ 114	$ -	$ -	$ -	$ -	$ 68	$ 40	$ -	$ -	$ -	$ -	$ 50	$ -	$ -
49																
50	TransCanada Pipeline (Contracts 57055 & 57091)															
51	Receipt Point: Parkway															
52	Delivery Point: East Hereford															
53	Received Volume	Line 28	558,768	-	-	-	-	311,846	23,145	-	-	-	-	19,794	-	-
54	Fuel Loss Rate	Att FXW-10, Line 43 of Page 2	1.61%					1.47%	1.47%					1.47%		
55	Delivered Volume	Line 53 times (1 - Line 54)	549,772	-	-	-	-	307,266	22,805	-	-	-	-	19,503	-	-
56																
57	TransCanada Pipeline (Contract 63265)															
58	Receipt Point: Parkway															
59	Delivery Point: E. Hereford (Interconnects with PNGTS at Pittsburg)															
60	Received Volume	Line 37	16,274	-	-	-	-	45,980	6,942	-	-	-	-	9,587	-	-
61	Fuel Loss Rate	Att FXW-10, Line 43 of Page 2	1.61%					1.47%	1.47%					1.47%		
62	Delivered Volume	Line 60 times (1 - Line 61)	16,012	-	-	-	-	45,305	6,840	-	-	-	-	9,447	-	-
63																
64	TransCanada Pipeline (Contract 62635)															
65	Receipt Point: Parkway															
66	Delivery Point: East Hereford															
67	Received Volume	Line 46	30,335	-	-	-	-	36,957	13,296	-	-	-	-	12,441	-	-
68	Fuel Loss Rate	Att FXW-10, Line 43 of Page 2	1.61%					1.47%	1.47%					1.47%		
69	Delivered Volume	Line 67 times (1 - Line 68)	29,847	-	-	-	-	36,414	13,101	-	-	-	-	12,259	-	-
70																
71	Received Volume	PLEXOS Optimization	549,772	803,053	815,866	799,799	746,312	307,266	22,805	-	-	-	-	19,503	-	-
72	Received Volume	PLEXOS Optimization	16,012	8,038	52,820	40,083	28,097	45,305	6,840	-	-	-	-	9,447	-	-
73	Received Volume	PLEXOS Optimization	29,847	16,193	51,364	32,364	32,343	36,414	13,101	-	-	-	-	12,259	-	-
74	Received Volume	PLEXOS Optimization	-	-	-	-	-	294,132	201,802	172,570	304,730	304,730	110,743	282,499	-	-
75		Total to East Hereford	595,630	827,284	920,049	872,246	806,752	683,117	244,548	172,570	304,730	304,730	110,743	323,707		
76		Dawn Supply	595,630	-	-	-	-	388,985	42,746	-	-	-	-	41,208		
77		Percent	100%	0%	0%	0%	0%	57%	17%	0%	0%	0%	0%	13%		
78																
79	PNGTS Pipeline (Contract 208543)															
80	Receipt Point: Pittsburg (interconnect with East Hereford)															
81	Delivery Point: Westbrook, Newington, Eliot															
82	Received Volume	Line 55	587,833	-	-	-	-	376,976	42,746	-	-	-	-	41,208	-	-
83	Fuel Loss Rate	Att FXW-10, Line 35 of Page 2	0.03%					0.03%	0.03%					0.03%		
84	Delivered Volume	Line 82 times (1 - Line 83)	587,637	-	-	-	-	376,851	42,732	-	-	-	-	41,195	-	-
85	Variable Transportation Rate	Att FXW-10, Line 21 of Page 2	$ 0.0014					$ 0.0014	$ 0.0014					$ 0.0014		
86	Variable Transportation Costs	Line 84 times Line 85	$ 823	$ -	$ -	$ -	$ -	$ 528	$ 60	$ -	$ -	$ -	$ -	$ 58	$ -	$ -
87																
88	PNGTS Pipeline (Contract 23339)															
89	Receipt Point: Pittsburg (interconnect with East Hereford)															
90	Delivery Point: Westbrook, Newington, Eliot															
91	Received Volume	Line 62	7,797	-	-	-	-	12,009	-	-	-	-	-	-	-	-
92	Fuel Loss Rate	Att FXW-10, Line 36 of Page 2	0.31%					0.31%								
93	Delivered Volume	Line 91 times (1 - Line 92)	7,773	-	-	-	-	11,971	-	-	-	-	-	-	-	-
94	Variable Transportation Rate	Att FXW-10, Line 22 of Page 2	$ 0.0105					$ 0.0105								
95	Variable Transportation Costs	Line 93 times Line 94	$ 82	$ -	$ -	$ -	$ -	$ 126	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
96																
97	PNGTS Pipeline (Contract 240520)															
98	Receipt Point: Pittsburg (interconnect with East Hereford)															
99	Delivery Point: Westbrook, Newington, Eliot															
100	Received Volume	Line 69	-	-	-	-	-	-	-	-	-	-	-	-	-	-
101	Fuel Loss Rate	Att FXW-10, Line 37 of Page 2														
102	Delivered Volume	Line 100 times (1 - Line 101)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
103	Variable Transportation Rate	Att FXW-10, Line 23 of Page 2														
104	Variable Transportation Costs	Line 102 times Line 103	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
105																
106	PNGTS Pipeline (Contract TBD)															
107	Receipt Point: Pittsburg (interconnect with East Hereford)															
108	Delivery Point: Westbrook, Newington, Eliot															
109	Received Volume	Line 78	-	-	-	-	-	-	-	-	-	-	-	-	-	-
110	Fuel Loss Rate	Att FXW-10, Line 37 of Page 2														
111	Delivered Volume	Line 109 times (1 - Line 110)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
112	Variable Transportation Rate	Att FXW-10, Line 23 of Page 2														
113	Variable Transportation Costs	Line 111 times Line 112	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
114	Granite State Gas Transmission (Contract 19-100-FT-NN)															
115	Receipt Point: Westbrook, Newington, Eliot															
116	Delivery Point: Northern City Gates															
117	Received Volume	Line 84	595,410	-	-	-	-	388,822	42,732	-	-	-	-	41,195	-	-
118	Fuel Loss Rate	Att FXW-10, Line 32 of Page 2	0.35%	0.35%	0.35%	0.35%	0.35%	0.35%	0.35%	0.35%	0.35%	0.35%	0.35%	0.35%	#DIV/0!	#DIV/0!
119	City Gate Delivered Volume	Line 117 times (1 - Line 118)	593,326	-	-	-	-	387,461	42,583	-	-	-	-	41,051	-	-
120	Variable Transportation Rate	Att FXW-10, Line 18 of Page 2	$ 0.0014	$ 0.0014	$ 0.0014	$ 0.0014	$ 0.0014	$ 0.0014	$ 0.0014	$ 0.0014	$ 0.0014	$ 0.0014	$ 0.0014	$ 0.0014		
121	Variable Transportation Costs	Line 119 times Line 120	$ 831	$ -	$ -	$ -	$ -	$ 542	$ 60	$ -	$ -	$ -	$ -	$ 57	$ -	$ -

Source of Supply: Union Dawn Storage

Line	City Gate Delivered Costs	Reference	Nov-23	Dec-23	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	2021-2022 Winter	2022 Summer
1	Gross Withdrawn Volume	Line 9	-	855,651	951,597	902,155	834,415	-	-	-	-	-	-	-	-	-
2	City Gate Delivered Volume	Line 122	-	824,114	916,157	868,904	803,660	-	-	-	-	-	-	-	-	-
3	Total Withdrawal Costs	Line 17	$ -	$ 2,166,423	$ 2,409,348	$ 2,284,167	$ 2,112,655	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
4	Variable Transportation Costs	Sum Lines 32, 89 and 124	$ -	$ 5,002	$ 6,054	$ 5,274	$ 4,878	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
5	Total City Gate Delivered Costs	Line 3 plus Line 4	$ -	$ 2,171,425	$ 2,415,402	$ 2,289,441	$ 2,117,533	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
6	Average Delivered Price	Line 5 divided by Line 2		$ 2.635	$ 2.636	$ 2.635	$ 2.635									
7																
8	Union Dawn Storage Withdrawals															
9	Gross Withdrawn Volume	Sendout Optimization	-	855,651	951,597	902,155	834,415	-	-	-	-	-	-	-	-	-
10	Withdrawal Rate	FXW-10, Line 2 of Page 3		$ 0.005	$ 0.005	$ 0.005	$ 0.005									
11	Withdrawal Charges	Line 9 times Line 10	-	4,193	4,663	4,421	4,089	-	-	-	-	-	-	-	$ -	$ -
12	Inventory Rate	FXW-8		$ 2.527	$ 2.527	$ 2.527	$ 2.527									
13	Withdrawn Inventory Value	Line 9 times Line 12	$ -	$ 2,162,230	$ 2,404,686	$ 2,279,746	$ 2,108,566	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
14	Withdrawal Fuel Rate	FXW-10, Line 2 of Page 3		0.60%	0.60%	0.60%	0.60%									
15	Withdrawal Fuel Losses	Line 14 times Line 9	-	5,134	5,710	5,413	5,006	-	-	-	-	-	-	-	-	-
16	Net Withdrawn Volume	Line 9 minus Line 14	-	850,517	945,887	896,742	829,408	-	-	-	-	-	-	-	-	-
17	Total Withdrawal Costs	Line 11 plus Line 13	$ -	$ 2,166,423	$ 2,409,348	$ 2,284,167	$ 2,112,655	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
18																
19	Storage Net Withdrawn Volumes	PLEXOS Optimization	-	850,517	945,887	896,742	829,408	-	-	-	-	-	-	-	-	-
20	Purchased Volumes	PLEXOS Optimization	612,358	-	-	-	-	397,326	43,663	-	-	-	-	42,092	-	-
21	Total Volumes	Sum Lines 19 and 20	612,358	850,517	945,887	896,742	829,408	397,326	43,663	-	-	-	-	42,092	-	-
22	Storage Percentage	Line 19 divided by Line 21	0%	100%	100%	100%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%
23																
24	Transportation Fuel Losses and Variable Charges															
25	Enbridge (Contract M12256)															
26	Receipt Point: Union Dawn															
27	Delivery Point: Parkway															
28	Received Volume	PLEXOS Optimization times Line 22	-	850,517	861,318	896,742	814,324	-	-	-	-	-	-	-	-	-
29	Fuel Loss Rate	Att FXW-10, Line 44 of Page 2		1.14%	1.14%	1.14%	1.14%									
30	Delivered Volume	Line 28 times (1 - Line 29)	-	840,821	851,499	886,519	805,041	-	-	-	-	-	-	-	-	-
31	Variable Transportation Rate	Att FXW-10, Line 29 of Page 2		$ 0.0032	$ 0.0032	$ 0.0032	$ 0.0032									
32	Variable Transportation Costs	Line 30 times Line 31	-	2,691	2,725	2,837	2,576	-	-	-	-	-	-	-	$ -	$ -
33																
34	Enbridge (Contract M12296)															
35	Receipt Point: Union Dawn															
36	Delivery Point: Parkway															
37	Received Volume	PLEXOS Optimization times Line 22	-	-	34,569	-	6,751	-	-	-	-	-	-	-	-	-
38	Fuel Loss Rate	Att FXW-10, Line 44 of Page 2			1.14%		1.14%									
39	Delivered Volume	Line 37 times (1 - Line 38)	-	-	34,175	-	6,674	-	-	-	-	-	-	-	-	-
40	Variable Transportation Rate	Att FXW-10, Line 29 of Page 2			$ 0.0032		$ 0.0032									
41	Variable Transportation Costs	Line 39 times Line 40	-	-	109	-	21	-	-	-	-	-	-	-	$ -	$ -
42																
43	Enbridge (Contract M12279)															
44	Receipt Point: Union Dawn															
45	Delivery Point: Parkway															
46	Received Volume	PLEXOS Optimization times Line 22	-	-	50,000	-	8,333	-	-	-	-	-	-	-	-	-
47	Fuel Loss Rate	Att FXW-10, Line 44 of Page 2			1.14%		1.14%									
48	Delivered Volume	Line 46 times (1 - Line 47)	-	-	49,430	-	8,238	-	-	-	-	-	-	-	-	-
49	Variable Transportation Rate	Att FXW-10, Line 29 of Page 2			$ 0.0032		$ 0.0032									
50	Variable Transportation Costs	Line 48 times Line 49	-	-	158	-	26	-	-	-	-	-	-	-	$ -	$ -
51																
52	TransCanada Pipeline (Contracts 57055 & 57091)															
53	Receipt Point: Parkway															
54	Delivery Point: East Hereford															
55	Received Volume	Line 30	-	816,194	829,216	812,887	758,525	-	-	-	-	-	-	-	-	-
56	Fuel Loss Rate	Att FXW-10, Line 43 of Page 2		1.61%	1.61%	1.61%	1.61%									
57	Delivered Volume	Line 55 times (1 - Line 56)	-	803,053	815,866	799,799	746,312	-	-	-	-	-	-	-	-	-
58																
59	TransCanada Pipeline (Contract 63265)															
60	Receipt Point: Parkway															
61	Delivery Point: E. Hereford (Interconnects with PNGTS at Pittsburg)															
62	Received Volume	Line 39	-	8,170	53,684	40,739	28,557	-	-	-	-	-	-	-	-	-
63	Fuel Loss Rate	Att FXW-10, Line 43 of Page 2		1.61%	1.61%	1.61%	1.61%									
64	Delivered Volume	Line 62 times (1 - Line 63)	-	8,038	52,820	40,083	28,097	-	-	-	-	-	-	-	-	-
65																
66	TransCanada Pipeline (Contract 62635)															
67	Receipt Point: Parkway															
68	Delivery Point: East Hereford															
69	Received Volume	Line 48	-	16,458	52,204	32,894	32,872	-	-	-	-	-	-	-	-	-
70	Fuel Loss Rate	Att FXW-10, Line 43 of Page 2		1.61%	1.61%	1.61%	1.61%								0.00%	0.00%
71	Delivered Volume	Line 69 times (1 - Line 70)	-	16,193	51,364	32,364	32,343	-	-	-	-	-	-	-	-	-
72																
74	Delivered Volume	Line 72 times (1 - Line 0)	549,772	803,053	815,866	799,799	746,312	307,266	22,805	-	-	-	-	19,503	-	-
75	Delivered Volume	Line 0 times (1 - Line 74)	16,012	8,038	52,820	40,083	28,097	45,305	6,840	-	-	-	-	9,447	-	-
76	Delivered Volume	Line 74 times (1 - Line 75)	29,847	16,193	51,364	32,364	32,343	36,414	13,101	-	-	-	-	12,259	-	-
77	Delivered Volume	Line 75 times (1 - Line 76)	-	-	-	-	-	294,132	201,802	172,570	304,730	304,730	110,743	282,499	-	-
		Total to East Hereford	595,630	827,284	920,049	872,246	806,752	683,117	244,548	172,570	304,730	304,730	110,743	323,707		
		Union Dawn Storage	-	827,284	920,049	872,246	806,752	-	-	-	-	-	-	-		
		Percent	0%	100%	100%	100%	100%	0%	0%	0%	0%	0%	0%	0%		
82	PNGTS Pipeline (Contract 208543)															
83	Receipt Point: Pittsburg (interconnect with East Hereford)															
84	Delivery Point: Westbrook, Newington, Eliot															
85	Received Volume	Line 57	-	827,284	849,717	872,246	806,752	-	-	-	-	-	-	-	-	-
86	Fuel Loss Rate	Att FXW-10, Line 35 of Page 2		0.03%	0.03%	0.03%	0.03%									
87	Delivered Volume	Line 85 times (1 - Line 86)	-	827,008	849,434	871,956	806,483	-	-	-	-	-	-	-	-	-
88	Variable Transportation Rate	Att FXW-10, Line 21 of Page 2		$ 0.0014	$ 0.0014	$ 0.0014	$ 0.0014									
89	Variable Transportation Costs	Line 87 times Line 88	-	1,158	1,189	1,221	1,129	-	-	-	-	-	-	-	$ -	$ -
90																
91	PNGTS Pipeline (Contract 23339)															
92	Receipt Point: Pittsburg (interconnect with East Hereford)															
93	Delivery Point: Westbrook, Newington, Eliot															
94	Received Volume	Line 64	-	-	54,198	-	-	-	-	-	-	-	-	-	-	-
95	Fuel Loss Rate	Att FXW-10, Line 36 of Page 2			0.31%											
96	Delivered Volume	Line 94 times (1 - Line 95)	-	-	54,029	-	-	-	-	-	-	-	-	-	-	-
97	Variable Transportation Rate	Att FXW-10, Line 22 of Page 2			$ 0.0105											
98	Variable Transportation Costs	Line 96 times Line 97	-	-	567	-	-	-	-	-	-	-	-	-	$ -	$ -
99																
100	PNGTS Pipeline (Contract 240520)															
101	Receipt Point: Pittsburg (interconnect with East Hereford)															
102	Delivery Point: Westbrook, Newington, Eliot															
103	Received Volume	Line 71	-	-	16,134	-	-	-	-	-	-	-	-	-	-	-
104	Fuel Loss Rate	Att FXW-10, Line 37 of Page 2			1.37%											
105	Delivered Volume	Line 103 times (1 - Line 104)	-	-	15,913	-	-	-	-	-	-	-	-	-	-	-
106	Variable Transportation Rate	Att FXW-10, Line 23 of Page 2			$ 0.0014											
107	Variable Transportation Costs	Line 105 times Line 106	-	-	22	-	-	-	-	-	-	-	-	-	$ -	$ -
108																
109	PNGTS Pipeline (Contract TBD)															
110	Receipt Point: Pittsburg (interconnect with East Hereford)															
111	Delivery Point: Westbrook, Newington, Eliot															
112	Received Volume	Line 0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
113	Fuel Loss Rate	Att FXW-10, Line 37 of Page 2														
114	Delivered Volume	Line 112 times (1 - Line 113)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
115	Variable Transportation Rate	Att FXW-10, Line 23 of Page 2														
116	Variable Transportation Costs	Line 114 times Line 115	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
117	Granite State Gas Transmission (Contract 19-100-FT-NN)															
118	Receipt Point: Westbrook, Newington, Eliot															
119	Delivery Point: Northern City Gates															
120	Received Volume	Line 87	-	827,008	919,375	871,956	806,483	-	-	-	-	-	-	-	-	-
121	Fuel Loss Rate	Att FXW-10, Line 32 of Page 2	0.35%	0.35%	0.35%	0.35%	0.35%	0.35%	0.35%	0.35%	0.35%	0.35%	0.35%	0.35%		
122	City Gate Delivered Volume	Line 120 times (1 - Line 121)	-	824,114	916,157	868,904	803,660	-	-	-	-	-	-	-	-	-
123	Variable Transportation Rate	Att FXW-10, Line 18 of Page 2	$ 0.0014	$ 0.0014	$ 0.0014	$ 0.0014	$ 0.0014	$ 0.0014	$ 0.0014	$ 0.0014	$ 0.0014	$ 0.0014	$ 0.0014	$ 0.0014		
124	Variable Transportation Costs	Line 122 times Line 123	$ -	$ 1,154	$ 1,283	$ 1,216	$ 1,125	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -

Source of Supply: Northern LNG Inventory
On-System Storage

Denotes Confidential Information

Line	City Gate Delivered Costs	Reference	Nov-23	Dec-23	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24
1	Gross Withdrawn Volume	Line 9	1,800	1,860	1,860	1,740	1,860	1,800	1,860	1,800	1,860	1,860	1,800	1,860
2	City Gate Delivered Volume	Line 12	1,800	1,860	1,860	1,740	1,860	1,800	1,860	1,800	1,860	1,860	1,800	1,860
3	Total Withdrawal Costs	Line 13												
4	Variable Transportation Costs	N/A	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
5	Total City Gate Delivered Costs	Line 3 plus Line 4												
6	Average Delivered Price	Line 5 divided by Line 2												
7														
8	Northern LNG Withdrawn Inventory													
9	Gross Withdrawn Volume	Sendout Optimization	1,800	1,860	1,860	1,740	1,860	1,800	1,860	1,800	1,860	1,860	1,800	1,860
10	Inventory Rate	FXW-8												
11	Withdrawn Inventory Value	Line 9 times Line 12												
12	Net Withdrawn Volume	Line 9 minus Line 14	1,800	1,860	1,860	1,740	1,860	1,800	1,860	1,800	1,860	1,860	1,800	1,860
13	Total Withdrawal Costs	Line 11 plus Line 13												

Source of Supply: Peaking Contract 1

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Line	City Gate Delivered Costs	Reference	Nov-23	Dec-23	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24
2	Purchased Volumes	Line 9	-	89,707	285,828	131,938	92,527	-	-	-	-	-	-	-
3	City Gate Delivered Volume	Line 25	-	89,707	285,716	131,938	92,527	-	-	-	-	-	-	-
4	Total Purchase Cost	Line 15	[redacted]											
5	Variable Transportation Costs	Line 27	$ -	$ -	$ 45	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
6	Total City Gate Delivered Costs	Sum Lines 3 and 4	[redacted]											
7	Average Delivered Price	Line 5 divided by Line 2	[redacted]											
8														
9	Tennessee Zone 6 Supply													
10	Purchased Volumes	Sendout Optimization	-	89,707	285,828	131,938	92,527	-	-	-	-	-	-	-
11	Monthly NYMEX Price	Att FXW-10, Line 18 of Page 1	$ 2.991	$ 3.453	$ 3.706	$ 3.634	$ 3.328	$ 3.052	$ 3.051	$ 3.161	$ 3.279	$ 3.320	$ 3.302	$ 3.395
12	NYMEX Cost	Line 9 times Line 10	$ -	$ 309,757	$ 1,059,280	$ 479,461	$ 307,931	$ -	$ -	$ -	$ -	$ -	$ -	$ -
13	NYMEX Basis Price	Att FXW-10, Line 20 of Page 1	[redacted]											
14	NYMEX Basis Costs	Line 9 times Line 12												
15	Total Purchase Price	Line 10 plus Line 12												
16	Total Purchase Cost	Line 11 plus Line 13												
17														
18	Transportation Fuel Losses and Variable Charges													
19	Granite State Gas Transmission (Contract 19-100-FT-NN)													
20	Receipt Point: Newington or Westbrook													
21	Delivery Point: Northern City Gates													
22	City Gate Delivered Volume	Lewiston City-Gate - Non-GSGT	-	89,707	253,771	131,938	92,527	-	-	-	-	-	-	-
23	Received Volume	Line 10	-	-	32,057	-	-	-	-	-	-	-	-	-
24	Fuel Loss Rate	Att FXW-10, Line 32 of Page 2	0.35%	0.35%	0.35%	0.35%	0.35%	0.35%	0.35%	0.35%	0.35%	0.35%	0.35%	0.35%
25	City Gate Delivered Volume	Line 23 times (1 - Line 24)	-	-	31,945	-	-	-	-	-	-	-	-	-
26	Variable Transportation Rate	Att FXW-10, Line 18 of Page 2	$ 0.0014	$ 0.0014	$ 0.0014	$ 0.0014	$ 0.0014	$ 0.0014	$ 0.0014	$ 0.0014	$ 0.0014	$ 0.0014	$ 0.0014	$ 0.0014
27	Variable Transportation Costs	Line 25 times Line 26	$ -	$ -	$ 45	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
		Total	-	89,707	285,828	131,938	92,527	-	-	-	-	-	-	-
31	Purchased Volumes	Sendout Optimization	-	89,707	285,828	131,938	92,527	-	-	-	-	-	-	-
32	Purchased Volumes	Sendout Optimization	-	-	-	-	-	-	-	-	-	-	-	-
33	Purchased Volumes	Sendout Optimization	-	-	-	-	-	-	-	-	-	-	-	-
		Lewiston City-Gate Percent	0%	100%	100%	100%	100%	0%	0%	0%	0%	0%	0%	0%

Source of Supply: Peaking Contract 2

Denotes Confidential Information

Line	City Gate Delivered Costs	Reference	Nov-23	Dec-23	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24
2	Purchased Volumes	Line 9	-	-	-	-	-	-	-	-	-	-	-	-
3	City Gate Delivered Volume	Line 25	-	-	-	-	-	-	-	-	-	-	-	-
4	Total Purchase Cost	Line 15	[redacted]											
5	Variable Transportation Costs	Line 27	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
6	Total City Gate Delivered Costs	Sum Lines 3 and 4	[redacted]											
7	Average Delivered Price	Line 5 divided by Line 2	[redacted]											
8														
9	Tennessee Zone 6 Supply													
10	Purchased Volumes	Sendout Optimization	-	-	-	-	-	-	-	-	-	-	-	-
11	Monthly NYMEX Price	Att FXW-10, Line 18 of Page 1	$ 2.991	$ 3.453	$ 3.706	$ 3.634	$ 3.328	$ 3.052	$ 3.051	$ 3.161	$ 3.279	$ 3.320	$ 3.302	$ 3.395
12	NYMEX Cost	Line 9 times Line 10	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
13	NYMEX Basis Price	Att FXW-10, Line 21 of Page 1	[redacted]											
14	NYMEX Basis Costs	Line 9 times Line 12	[redacted]											
15	Total Purchase Price	Line 10 plus Line 12	[redacted]											
16	Total Purchase Cost	Line 11 plus Line 13	[redacted]											
17														
18	Transportation Fuel Losses and Variable Charges													
19	Granite State Gas Transmission (Contract 19-100-FT-NN)													
20	Receipt Point: Newington or Westbrook													
21	Delivery Point: Northern City Gates													
22	City Gate Delivered Volume	Lewiston City-Gate - Non-GSGT	-	-	-	-	-	-	-	-	-	-	-	-
23	Received Volume	Line 10	-	-	-	-	-	-	-	-	-	-	-	-
24	Fuel Loss Rate	Att FXW-10, Line 32 of Page 2	0.35%	0.35%	0.35%	0.35%	0.35%	0.35%	0.35%	0.35%	0.35%	0.35%	0.35%	0.35%
25	City Gate Delivered Volume	Line 23 times (1 - Line 24)	-	-	-	-	-	-	-	-	-	-	-	-
26	Variable Transportation Rate	Att FXW-10, Line 18 of Page 2	$ 0.0014	$ 0.0014	$ 0.0014	$ 0.0014	$ 0.0014	$ 0.0014	$ 0.0014	$ 0.0014	$ 0.0014	$ 0.0014	$ 0.0014	$ 0.0014
27	Variable Transportation Costs	Line 25 times Line 26	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
		Total	-	89,707	285,828	131,938	92,527	-	-	-	-	-	-	-
31	Purchased Volumes	Sendout Optimization	-	89,707	285,828	131,938	92,527	-	-	-	-	-	-	-
32	Purchased Volumes	Sendout Optimization	-	-	-	-	-	-	-	-	-	-	-	-
33	Purchased Volumes	Sendout Optimization	-	-	-	-	-	-	-	-	-	-	-	-
		Lewiston City-Gate Percent	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%

REDACTED

Northern Utilities, Inc.
Natural Gas Commodity Price Forecast

Denotes Confidential Information

Estimated Adders to NYMEX Last Day Settlement (Based on ICE Futures Prices As of July 31, 2023)

Line	Supply Source	Nov-23	Dec-23	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24
1	Tennesee Zone 0												
2	Tennesee Zone L												
3	Tennesee Niagara												
4	Iroquois Receipts												
5	Transco Zone 6, non-NY												
6	Texas Eastern Zone M-3												
7	Leidy Hub												
8	Tennesee Zone 4 Station 313 Pool												
9	Tennesee Zone 4 Storage Injection												
10	Dawn Hub Supply												
11	Union Dawn Storage Injection												
12	LNG Contract												
13	Atlantic Bridge - Ramapo												
14	Empress												
15	Incremental Supply												

Estimated NYMEX Last Day Settlement (Based on NYMEX Settlement as of 9/5/2023)

18	NYMEX	$ 2.991	$ 3.453	$ 3.706	$ 3.634	$ 3.328	$ 3.052	$ 3.051	$ 3.161	$ 3.279	$ 3.320	$ 3.302	$ 3.395

Fixed Price Contracts

20	Peaking Contract 1												
21	Peaking Contract 2												

Northern Utilities, Inc.
Transportation Contract Rates
November 2023 through October 2024
Fixed Demand Rates ($ per Dth/Month)

Line	Pipeline	Rate Schedule	Receipt	Delivery	Reference	Nov-23	Dec-23	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24
1	Algonquin	AFT-1	N/A	N/A	AGT-1	$ 8.5927	$ 8.5927	$ 8.5927	$ 8.5927	$ 8.5927	$ 8.5927	$ 8.5927	$ 8.5927	$ 8.5927	$ 8.5927	$ 8.5927	$ 8.5927
2	Algonquin	AFT-1 (AB)	N/A	N/A	AGT-4	$ 54.9170	$ 54.9170	$ 54.9170	$ 54.9170	$ 54.9170	$ 54.9170	$ 54.9170	$ 54.9170	$ 54.9170	$ 54.9170	$ 54.9170	$ 54.9170
3	Granite	FT-NN	N/A	N/A	GSGT-1	$ 7.0013	$ 7.0013	$ 7.0013	$ 7.0013	$ 7.0013	$ 7.0013	$ 7.0013	$ 7.0013	$ 7.0013	$ 7.0013	$ 7.0013	$ 7.0013
4	Iroquois	RTS-1	Zone 1	Zone 1	IGTS-1	$ 4.5655	$ 4.5655	$ 4.5655	$ 4.5655	$ 4.5655	$ 4.5655	$ 4.5655	$ 4.5655	$ 4.5655	$ 4.5655	$ 4.2918	$ 4.2918
5	Maritimes	MN365	N/A	N/A	MNUS-1	$ 13.3833	$ 13.3833	$ 13.3833	$ 13.3833	$ 13.3833	$ 13.3833	$ 13.3833	$ 13.3833	$ 13.3833	$ 13.3833	$ 13.3833	$ 13.3833
6	PNGTS	FT (C2C)	N/A	N/A	PNGTS-1	$ 18.2500	$ 18.2500	$ 18.2500	$ 18.2500	$ 18.2500	$ 18.2500	$ 18.2500	$ 18.2500	$ 18.2500	$ 18.2500	$ 18.2500	$ 18.2500
7	PNGTS	FT (PXP)	N/A	N/A	PNGTS-3	$ 22.6543	$ 22.6543	$ 22.6543	$ 22.6543	$ 22.6543	$ 22.6543	$ 22.6543	$ 22.6543	$ 22.6543	$ 22.6543	$ 22.6543	$ 22.6543
8	PNGTS	FT (WXP)	N/A	N/A	PNGTS-9	$ 24.9417	$ 24.9417	$ 24.9417	$ 24.9417	$ 24.9417	$ 24.9417	$ 24.9417	$ 24.9417	$ 24.9417	$ 24.9417	$ 24.9417	$ 24.9417
9	Tennessee	FT-A	Zone 0	Zone 6	TGP-1	$ 19.6964	$ 19.6964	$ 19.6964	$ 19.6964	$ 19.6964	$ 19.6964	$ 19.6964	$ 19.6964	$ 19.6964	$ 19.6964	$ 19.6964	$ 19.6964
10	Tennessee	FT-A	Zone L	Zone 6	TGP-1	$ 17.4870	$ 17.4870	$ 17.4870	$ 17.4870	$ 17.4870	$ 17.4870	$ 17.4870	$ 17.4870	$ 17.4870	$ 17.4870	$ 17.4870	$ 17.4870
11	Tennessee	FT-A	Zone 4	Zone 6	TGP-1	$ 6.9301	$ 6.9301	$ 6.9301	$ 6.9301	$ 6.9301	$ 6.9301	$ 6.9301	$ 6.9301	$ 6.9301	$ 6.9301	$ 6.9301	$ 6.9301
12	Tennessee	FT-A	Zone 5	Zone 6	TGP-1	$ 6.0905	$ 6.0905	$ 6.0905	$ 6.0905	$ 6.0905	$ 6.0905	$ 6.0905	$ 6.0905	$ 6.0905	$ 6.0905	$ 6.0905	$ 6.0905
13	Texas Eastern	FT-1/FTS	M3	M3	TETCO-1	$ 9.5020	$ 9.5020	$ 9.5020	$ 9.5020	$ 9.5020	$ 9.5020	$ 9.5020	$ 9.5020	$ 9.5020	$ 9.5020	$ 9.5020	$ 9.5020
14	TransCanada	FT	Parkway	E. Hereford	CAD-1	$ 16.7442	$ 16.7442	$ 16.7442	$ 16.7442	$ 16.7442	$ 16.7442	$ 16.7442	$ 16.7442	$ 16.7442	$ 16.7442	$ 16.7442	$ 16.7442
15	TransCanada	FT	Empress	E. Hereford	CAD-1	$ 41.9137	$ 41.9137	$ 41.9137	$ 41.9137	$ 41.9137	$ 41.9137	$ 41.9137	$ 41.9137	$ 41.9137	$ 41.9137	$ 41.9137	$ 41.9137
15	Union	M12	Dawn	Parkway	CAD-1	$ 2.9980	$ 2.9980	$ 2.9980	$ 2.9980	$ 2.9980	$ 2.9980	$ 2.9980	$ 2.9980	$ 2.9980	$ 2.9980	$ 2.9980	$ 2.9980

Variable Transportation Commodity Rates ($/Dth)

Line	Pipeline	Rate Schedule	Receipt	Delivery	Reference	Nov-23	Dec-23	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24
16	Algonquin	AFT-1	N/A	N/A	AGT-1 (Max Commodity, Surcharge), FERC-1 (ACA)	$ 0.0425	$ 0.0425	$ 0.0425	$ 0.0425	$ 0.0425	$ 0.0425	$ 0.0425	$ 0.0425	$ 0.0425	$ 0.0425	$ 0.0425	$ 0.0425
17	Algonquin	AFT-1 (AB)	N/A	N/A	AGT-1 (Surcharge), FERC-1 (ACA), See Note 1.	$ 0.0600	$ 0.0600	$ 0.0600	$ 0.0600	$ 0.0600	$ 0.0600	$ 0.0600	$ 0.0600	$ 0.0600	$ 0.0600	$ 0.0600	$ 0.0600
18	Granite	FT-NN	N/A	N/A	GSGT-1 (Commodity), FERC-1 (ACA)	$ 0.0014	$ 0.0014	$ 0.0014	$ 0.0014	$ 0.0014	$ 0.0014	$ 0.0014	$ 0.0014	$ 0.0014	$ 0.0014	$ 0.0014	$ 0.0014
19	Iroquois	RTS-1	Zone 1	Zone 1	IGTS-1 (Commodity), FERC-1 (ACA)	$ 0.0048	$ 0.0048	$ 0.0048	$ 0.0048	$ 0.0048	$ 0.0048	$ 0.0048	$ 0.0048	$ 0.0048	$ 0.0048	$ 0.0048	$ 0.0048
20	Maritimes	MN365	N/A	N/A	MNUS-1 (Commodity), FERC-1 (ACA)	$ 0.0014	$ 0.0014	$ 0.0014	$ 0.0014	$ 0.0014	$ 0.0014	$ 0.0014	$ 0.0014	$ 0.0014	$ 0.0014	$ 0.0014	$ 0.0014
21	PNGTS	FT (C2C)	N/A	N/A	FERC-1 (ACA)	$ 0.0014	$ 0.0014	$ 0.0014	$ 0.0014	$ 0.0014	$ 0.0014	$ 0.0014	$ 0.0014	$ 0.0014	$ 0.0014	$ 0.0014	$ 0.0014
22	PNGTS	FT (PXP)	N/A	N/A	PNGTS-7 (PXP Commodity), FERC-1 (ACA)	$ 0.0105	$ 0.0105	$ 0.0105	$ 0.0105	$ 0.0105	$ 0.0105	$ 0.0105	$ 0.0105	$ 0.0105	$ 0.0105	$ 0.0105	$ 0.0105
23	PNGTS	FT (WXP)	N/A	N/A	FERC-1 (ACA)	$ 0.0014	$ 0.0014	$ 0.0014	$ 0.0014	$ 0.0014	$ 0.0014	$ 0.0014	$ 0.0014	$ 0.0014	$ 0.0014	$ 0.0014	$ 0.0014
24	Tennessee	FT-A	Zone 0	Zone 6	TGP-2, TGP-3 (EPCR), FERC-1	$ 0.3101	$ 0.3101	$ 0.3101	$ 0.3101	$ 0.3101	$ 0.3101	$ 0.3101	$ 0.3101	$ 0.3101	$ 0.3101	$ 0.3101	$ 0.3101
25	Tennessee	FT-A	Zone L	Zone 6	TGP-2, TGP-3 (EPCR), FERC-1	$ 0.2703	$ 0.2703	$ 0.2703	$ 0.2703	$ 0.2703	$ 0.2703	$ 0.2703	$ 0.2703	$ 0.2703	$ 0.2703	$ 0.2703	$ 0.2703
26	Tennessee	FT-A	Zone 4	Zone 6	TGP-2, TGP-3 (EPCR), FERC-1	$ 0.1037	$ 0.1037	$ 0.1037	$ 0.1037	$ 0.1037	$ 0.1037	$ 0.1037	$ 0.1037	$ 0.1037	$ 0.1037	$ 0.1037	$ 0.1037
27	Tennessee	FT-A	Zone 5	Zone 6	TGP-2, TGP-3 (EPCR), FERC-1	$ 0.0784	$ 0.0784	$ 0.0784	$ 0.0784	$ 0.0784	$ 0.0784	$ 0.0784	$ 0.0784	$ 0.0784	$ 0.0784	$ 0.0784	$ 0.0784
28	Texas Eastern	FT-1/FTS	M3	M3	TETCO-1, FERC-1 (ACA)	$ 0.0749	$ 0.0749	$ 0.0749	$ 0.0749	$ 0.0749	$ 0.0749	$ 0.0749	$ 0.0749	$ 0.0749	$ 0.0749	$ 0.0749	$ 0.0749
29	Union	M12	Dawn	Parkway	CAD-1	$ 0.0032	$ 0.0032	$ 0.0032	$ 0.0032	$ 0.0032	$ 0.0032	$ 0.0032	$ 0.0032	$ 0.0032	$ 0.0032	$ 0.0032	$ 0.0032

Transportation Fuel Rates (Percentage)

Line	Pipeline	Rate Schedule	Receipt	Delivery	Reference	Nov-23	Dec-23	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24
30	Algonquin	AFT-1	N/A	N/A	AGT-2	0.59%	0.34%	0.34%	0.34%	0.34%	0.59%	0.59%	0.59%	0.59%	0.59%	0.59%	0.59%
31	Algonquin	AFT-1 (AB)	N/A	N/A	AGT-2	3.65%	5.05%	5.05%	5.05%	5.05%	3.65%	3.65%	3.65%	3.65%	3.65%	3.65%	3.65%
32	Granite	FT-NN	N/A	N/A	GSGT-1	0.35%	0.35%	0.35%	0.35%	0.35%	0.35%	0.35%	0.35%	0.35%	0.35%	0.35%	0.35%
33	Iroquois	RTS-1	Zone 1	Zone 1	IGTS-3	0.04%	0.04%	0.04%	0.04%	0.04%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
34	Maritimes	MN365	N/A	N/A	MNUS-3	0.81%	0.81%	0.81%	0.81%	0.81%	0.98%	0.98%	0.98%	0.98%	0.98%	0.98%	0.98%
35	PNGTS	FT (C2C)	N/A	N/A	PNGTS-5 (Measurement Variance)	0.03%	0.03%	0.03%	0.03%	0.03%	0.03%	0.03%	0.03%	0.03%	0.03%	0.03%	0.03%
36	PNGTS	FT (PXP)	N/A	N/A	PNGTS-5 (Measurement Variance), PNGTS-6 (PXP Fuel)	0.31%	0.31%	0.31%	0.31%	0.31%	0.31%	0.31%	0.31%	0.31%	0.31%	0.31%	0.31%
37	PNGTS	FT (WXP)	N/A	N/A	PNGTS-5 (Measurement Variance), PNGTS-11 (WXP Fuel)	1.37%	1.37%	1.37%	1.37%	1.37%	1.37%	1.37%	1.37%	1.37%	1.37%	1.37%	1.37%
38	Tennessee	FT-A	Zone 0	Zone 6	TGP-3	4.17%	4.17%	4.17%	4.17%	4.17%	4.17%	4.17%	4.17%	4.17%	4.17%	4.17%	4.17%
39	Tennessee	FT-A	Zone L	Zone 6	TGP-3	3.64%	3.64%	3.64%	3.64%	3.64%	3.64%	3.64%	3.64%	3.64%	3.64%	3.64%	3.64%
40	Tennessee	FT-A	Zone 4	Zone 6	TGP-3	1.13%	1.13%	1.13%	1.13%	1.13%	1.13%	1.13%	1.13%	1.13%	1.13%	1.13%	1.13%
41	Tennessee	FT-A	Zone 5	Zone 6	TGP-3	0.81%	0.81%	0.81%	0.81%	0.81%	0.81%	0.81%	0.81%	0.81%	0.81%	0.81%	0.81%
42	Texas Eastern	FT-1/FTS	M3	M3	TETLP-3,4&5	0.47%	0.63%	0.63%	0.63%	0.63%	0.47%	0.47%	0.47%	0.47%	0.47%	0.47%	0.47%
43	TransCanada	FT	Parkway	E. Hereford	CAD-7	1.61%	1.61%	1.61%	1.61%	1.61%	1.47%	1.47%	1.47%	1.47%	1.47%	1.47%	1.47%
44	TransCanada	FT	Empress	E. Hereford	CAD-7	5.38%	5.38%	5.38%	5.38%	5.38%	5.30%	5.30%	5.30%	5.30%	5.30%	5.30%	5.30%
44	Union	M12	Dawn	Parkway	CAD-8	1.14%	1.14%	1.14%	1.14%	1.14%	0.64%	0.64%	0.64%	0.64%	0.64%	0.64%	0.64%

Northern Utilities, Inc.
Underground Storage Contract Rates
November 2023 through October 2024

Line	Storage	Rate Schedule	Notes	Reference	Space Rate	Demand Rate	Withdrawal Rate	Withdrawal Fuel Loss	Injection Rate	Injection Fuel Loss
1	Tennessee	FS-MA		TGP-4	$ 0.0173	$ 1.2655	$ 0.0087	0.00%	$ 0.0087	1.29%
2	Union	Storage	1	CAD-9	$ 0.0592	$ -	$ 0.0047	0.60%	$ 0.0047	0.60%

Note 1 The demand charge for Union Storage shall be $236,666.67 per month divided by Maximum Storage Balance of 4,000,000 Dth.
The Withdrawal Rate and Injection Rate are equal to contractual variable rate converted from $CAD/GJ to $USD/Dth. Calculations are on CAD-1.

ALGONQUIN GAS TRANSMISSION, LLC

SUMMARY OF RATES

Effective Rates 12/01/2022

RATE SCHEDULE AFT-1

	Reservation	Commodity Max	Commodity Min	Authorized Overrun Max	Authorized Overrun Min	Capacity Release Vol Res	System Balancing Surcharge (Credit) Rate Non Beverly	System Balancing Surcharge (Credit) Rate Beverly
(F-1/WS-1)	$ 8.5927	$0.0042	$0.0042	$0.2867	$0.0042	$0.2825	$0.0335	$0.0234
(F-2/F-3)	$ 8.5927	$0.0042	$0.0042	$0.2867	$0.0042	$0.2825	$0.0335	$0.0234
(F-4)	$ 8.5927	$0.0042	$0.0042	$0.2867	$0.0042	$0.2825	$0.0335	$0.0234
(STB/SS-3)	$ 8.5927	$0.0042	$0.0042	$0.2867	$0.0042	$0.2825	$0.0335	$0.0234
(FTP)	$ 8.5927	$0.0042	$0.0042	$0.2867	$0.0042	$0.2825	$0.0335	$0.0234
(PSS-T)	$ 8.5626	$0.0000	$0.0000	$0.2815	$0.0000	$0.2815	$0.0335	$0.0234
(AFT-2)	$ 8.5927	$0.0042	$0.0042	$0.2867	$0.0042	$0.2825	$0.0335	$0.0234
(AFT-3)	$ 8.7363	$0.0000	$0.0000	$0.2872	$0.0000	$0.2872	$0.0335	$0.0234
(AFT-5)	$ 8.5927	$0.0042	$0.0042	$0.2867	$0.0042	$0.2825	$0.0335	$0.0234
(ITP)	$ 8.5927	$0.0042	$0.0042	$0.2867	$0.0042	$0.2825	$0.0335	$0.0234
(X-35)	$ 8.5927	$0.0042	$0.0042	$0.2867	$0.0042	$0.2825	$0.0335	$0.0234
(X-39)	$ 8.5927	$0.0042	$0.0042	$0.2867	$0.0042	$0.2825	$0.0335	$0.0234
Tiverton	$ 8.5927	$0.0042	$0.0042	$0.2867	$0.0042	$0.2825	$0.0335	$0.0234
Incremental								
Hubline	$ 9.4048	$0.0042	$0.0042	$0.3134	$0.0042	$0.3092	$0.0335	$0.0234*
Secondary Surcharge 1/		$0.0267	$0.0000				$0.0335	$0.0234
Ramapo	$ 8.7496	$0.0126	$0.0126	$0.3003	$0.0126	$0.2877	$0.0248	$0.0174
AIM	$33.3680	$0.0155	$0.0155	$1.1125	$0.0155	$1.0970	$0.0259	$0.0181
Atlantic Br.	$55.6932	$0.0115	$0.0115	$1.8425	$0.0115	$1.8310	$0.0586	$0.0000

*For Deliveries off of Hubline Facilities

RATE SCHEDULE AFT-1S

	Reservation	Commodity Max	Commodity Min	Authorized Overrun Max	Authorized Overrun Min	Capacity Release Vol Res	System Balancing Surcharge (Credit) Rate Non Beverly	System Balancing Surcharge (Credit) Rate Beverly
(F-1/WS-1)	$ 3.4371	$0.2867	$0.0042	$0.2867	$0.0042	$0.1130	$0.0335	$0.0234
(F-2/F-3)	$ 3.4371	$0.2867	$0.0042	$0.2867	$0.0042	$0.1130	$0.0335	$0.0234
(F-4)	$ 3.4371	$0.2867	$0.0042	$0.2867	$0.0042	$0.1130	$0.0335	$0.0234
(STB/SS-3)	$ 3.4371	$0.2867	$0.0042	$0.2867	$0.0042	$0.1130	$0.0335	$0.0234
(Hubline) 2/		$0.0267	$0.0000				$0.0335	$0.0234*

*For Deliveries off of Hubline Facilities

OTHER FIRM RATE SCHEDULES

	Reservation	Commodity Max	Commodity Min	Authorized Overrun Max	Authorized Overrun Min	Capacity Release Vol Res	System Balancing Surcharge (Credit) Rate Non Beverly	System Balancing Surcharge (Credit) Rate Beverly
AFT-E	$ 8.5927	$0.0042	$0.0042	$0.2867	$0.0042	$0.2825	$0.0335	$0.0234
(Hubline) 2/		$0.0267	$0.0000				$0.0335	$0.0234*
AFT-ES	$ 3.4371	$0.2867	$0.0042	$0.2867	$0.0042	$0.1130	$0.0335	$0.0234
(Hubline) 2/		$0.0267	$0.0000				$0.0335	$0.0234*
T-1	$ 1.6687	$0.0042		$0.0591			$0.0335	$0.0234
AFT-4	$ 8.5927	$0.0042	$0.0042	$0.2867	$0.0042	$0.2825	$0.0335	$0.0234
AFT-CL:								
Canal	$ 0.5111	$0.0000	$0.0000	$0.0168	$0.0000	$0.0168		
Middletown	$ 0.7872	$0.0000	$0.0000	$0.0259	$0.0000	$0.0259		
Cleary	$ 0.3758	$0.0000	$0.0000	$0.0124	$0.0000	$0.0124		
Lake Road	$ 0.2224	$0.0000	$0.0000	$0.0073	$0.0000	$0.0073		
Manchester	$ 1.6789	$0.0000	$0.0000	$0.0552	$0.0000	$0.0552		
Bellingham	$ 0.3715	$0.0000	$0.0000	$0.0122	$0.0000	$0.0122		
Phelps Dodge	$ 0.0000	$0.0166	$0.0000	$0.0166	$0.0000	$0.0000		
Cape Cod	$ 3.3204	$0.0000	$0.0000	$0.1092	$0.0000	$0.1092		
Northeast Gateway	$ 2.4859	$0.0000	$0.0000	$0.0817	$0.0000	$0.0817		
J-2 Facility	$ 2.3731	$0.0000	$0.0000	$0.0780	$0.0000	$0.0780		
Kleen Energy	$ 0.8035	$0.0000	$0.0000	$0.0264	$0.0000	$0.0264		
Salem	$ 7.3635	$0.0000	$0.0000	$0.2421	$0.0000	$0.2421		
West Roxbury	$15.5204	$0.0000	$0.0000	$0.5103	$0.0000	$0.5103		
X-33	$ 2.7241	$0.0000		$0.0896			$0.0335	$0.0234

*For Deliveries off of Hubline Facilities

INTERRUPTIBLE SERVICE

	Commodity Max	Commodity Min	Authorized Overrun Max	Authorized Overrun Min	System Balancing Surcharge (Credit) Rate Non Beverly	Beverly
AIT-1	$0.2867	$0.0042	$0.2867	$0.0042	$0.0335	$0.0234
(Hubline 2/)	$0.0267	$0.0000			$0.0335	$0.0234*
AIT-2						
Manchester	$0.0552	$0.0000	$0.0552	$0.0000		
Canal	$0.0168	$0.0000	$0.0168	$0.0000		
Cape Cod	$0.1092	$0.0000	$0.1092	$0.0000		
Northeast Gateway	$0.0817	$0.0000	$0.0817	$0.0000		
J-2 Facility	$0.0780	$0.0000	$0.0780	$0.0000		
Kleen Energy	$0.0264	$0.0000	$0.0264	$0.0000		
Salem	$0.2421	$0.0000	$0.2421	$0.0000		
West Roxbury	$0.5103	$0.0000	$0.5103	$0.0000		
PAL	$0.2867	$0.0000	$0.0000	$0.0000	$0.0335	$0.0234

TITLE TRANSFER TRACKING SERVICE

	Max	Min
TTT	$5.3900	$0.0000

Rates are per MMBTU. Rate excludes the Annual Charge Adjustment (ACA) Surcharge. The ACA Commodity Surcharge to applicable customers, pursuant to Section 34 of the General Terms and Conditions.

FUEL REIMBURSEMENT PERCENTAGES

Period	Duration	FRP
System Services 1/		
Winter	Dec 1 - Mar 31	0.34%
Spring, Summer and Fall	Apr 1 - Nov 30	0.59%
Incremental Ramapo Service 1/		
Winter	Dec 1 - Mar 31	1.38%
Spring, Summer and Fall	Apr 1 - Nov 30	0.78%
Incremental AIM Service 1/		
Winter	Dec 1 - Mar 31	4.21%
Spring, Summer and Fall	Apr 1 - Nov 30	2.08%
Incremental Atlantic Bridge Service 1/		
Winter	Dec 1 - Mar 31	5.05%
Spring, Summer and Fall	Apr 1 - Nov 30	3.65%
System Services - Beverly Receipts/Non-Hubline Deliveries		
Winter	Dec 1 - Mar 31	0.19%
Spring, Summer and Fall	Apr 1 - Nov 30	0.41%
Incremental Ramapo Service - Beverly Receipts/Non-Hubline Deliveries		
Winter	Dec 1 - Mar 31	1.13%
Spring, Summer and Fall	Apr 1 - Nov 30	0.00%
Incremental AIM Service - Beverly Receipts/Non-Hubline Deliveries		
Winter	Dec 1 - Mar 31	3.12%
Spring, Summer and Fall	Apr 1 - Nov 30	1.80%
Incremental Atlantic Bridge Service - Beverly Receipts/Non-Hubline Deliveries		
Winter	Dec 1 - Mar 31	0.00%
Spring, Summer and Fall	Apr 1 - Nov 30	0.00%

1/ For all receipt points other than Beverly, Meter No. 00215

2/ Hubline Surcharge applicable to all customers utilizing secondary receipt points between and including Beverly and Weymouth and/or utilizing secondary delivery points between Beverly and Weymouth,including Beverly and excluding Weymouth,and in addition to other applicable charges.

The Summary of Rates serves as a handy reference and does not replace Algonquin's Tariff. The rates are subject to commission approval.

STATEMENT OF NEGOTIATED RATES 1/2/3/4/5/9/

Customer Name: Northern Utilities, Inc. d/b/a Unitil

Service Agreement: 510939

Term of Negotiated Rate: The term of this negotiated rate commences on the Service Commencement Date (as defined in the Precedent Agreement between Pipeline and Customer) of Contract No. 510939 and continues for the Primary Term (as such term is defined in the Precedent Agreement and Contract No. 510939. In the event Customer exercises its one-time option to extend the Primary Term of Contract No. 510939 for up to 100% of the MDTQ, then (a) Pipeline and Customer will amend the Negotiated Rate to reflect the extension of the term of the Negotiated Rate for an additional (i) five (5) years at a new negotiated reservation rate equal to $45.124 per Dth per month or (ii) ten (10) years at a new negotiated reservation rate equal to $43.375 per Dth per month for the elected volume, or (b) if Customer elects to extend the Primary Term of Contract No. 510939 at the then-effective maximum recourse reservation rate, then the term of the Negotiated Rate will expire at the end of the Primary Term. 10/11/

Rate Schedule: AFT-1 [Atlantic Bridge Project]

MDTQ: 7,599 Dth/d

Reservation Rate: Customer shall pay a negotiated reservation rate of $54.917 per Dth, per month of Customer's MDTQ under Contract No. 510939 during the Primary Term thereof. 3/6/8/

Commodity Charge and Other Charges: 7/

Primary Receipt Point: 4/

Mahwah (Meter No. 00201) – 7,599 Dth/d
Ramapo (Meter No. 00214) – 7,599 Dth/d

Primary Delivery Point: 4/

Beverly (Meter No. 01215) – 7,599 Dth/d

Recourse Rate(s): The Recourse Rate(s) applicable to this service is the applicable maximum rate(s) stated on Pipeline's Statement of Rates for Rate Schedule AFT-1 [Atlantic Bridge Project] at the applicable time.

FOOTNOTES:

1/ This negotiated rate transaction does not deviate in any material respect from the form of service agreement set forth in Pipeline's FERC Gas Tariff.

replaced with the adjusted Reservation Rate and adjusted term extension rates, which are the applicable rates updated to reflect the cost sharing rate adjustment set forth in footnote 3.

7/ Customer shall pay: (i) a commodity charge which shall be zero for the quantity of gas, in Dekatherms, delivered during the applicable Day under Pipeline's Rate Schedule AFT-1 for the Project; (ii) the applicable Fuel Reimbursement Quantity ("FRQ") under Pipeline's Rate Schedule AFT-1 for the Project; (iii) the applicable Annual Charge Adjustment and all other charges and surcharges applicable to Rate Schedule AFT-1 for the Project; and (iv) any future surcharge or additional usage charge pursuant to any FERC-approved cost recovery mechanism of general applicability implemented in a generic proceeding or in a Pipeline specific proceeding, which mechanism recovers cost components not reflected in Pipeline's initial recourse rate(s) applicable to service under Pipeline's Rate Schedule AFT-1 for the Project.

8/ **Most Favored Nations (MFN)**

(a) MFN Related to Service on the Project and Future Expansions–In the event Pipeline enters into a long-term firm transportation service agreement under Rate Schedule AFT-1, or any similar, firm non-lateral only transportation rate schedule for service on Pipeline's mainline, (i) prior to the in-service date of the Project for service on the Project or (ii) for a period within ten years following the in-service date of the Project for incremental expansion service under any future project, with any customer who is similarly situated to Customer, and such customer's reservation rate is less than Customer's Reservation Rate, Pipeline will promptly offer Customer the same reservation rate as such other customer, or an agreed rate as set forth in subpart (b)(iii), provided that, in the case of subpart (a)(ii) for incremental expansion service under any future project, all the requirements of subpart (b) are met. If Customer is willing to accept such reservation rate, Customer must do so under the same or substantially similar terms and conditions of service of the Algonquin Tariff or other Commission-approved provisions and the same or substantially similar rate related provisions applicable to such other customer, and as further described in subparts (c) and (d) below. For purposes of this footnote 8, Customer will be considered "similarly situated" to another Project customer or Qualifying Incremental Project Customer (as such latter term is defined in subpart (b)(ii) below) if Customer meets the criteria in subparts (a) and/or (b), as applicable, and in either case, if Customer is receiving firm transportation service under a service agreement (and rate agreement, if applicable) under the same or substantially similar terms and conditions of service of the Algonquin Tariff or other Commission-approved provisions and the same or substantially similar rate/rate related provisions as such Project customer or Qualifying Incremental Project Customer ("Similarly Situated Customer").

(b) Interrelationship to Future Expansions

(i) Determination of Indicative Rate - Except as otherwise provided herein, in the event Pipeline enters into a long-term firm transportation service agreement (i.e., one year or longer) under Rate Schedule AFT-1, or any similar firm non-lateral only transportation rate schedule for service using Pipeline's mainline, for service on an incremental expansion project of comparable scope with any Similarly Situated Customer all of whose Primary Receipt Point(s) are located at or upstream of the Mahwah Interconnect and all of whose Primary Delivery Point(s) are located at or downstream of the HubLine Interconnection (i.e., the point on Algonquin's I-9 line between Fore River 803 and Potter 081 near the town of Weymouth that Algonquin identifies as interconnection of its

Canadian Tolls

Line	Item	Units	TCPL and Enbridge Tolls	Reference
1	Union Parkway Belt to East Hereford on TCPL			
2	Demand Toll	$CAD / GJ	$ 19.27504	CAD-4
3	Delivery Pressure Demand Toll	$CAD / GJ	$ 0.60833	CAD-2
4	Abandonment Surcharge	$CAD / GJ	$ 1.11629	CAD-4
5	Total Demand Toll	$CAD / GJ	$ 20.99966	Sum of Above
6	$USD to $CAD	Ratio	1.3232	CAD-5
7	Total Demand Toll	$US / GJ	$ 15.8704	Line 5 divided by Line 6
8	GJ per Dth	Ratio	1.055056	
9	Total Demand Toll	$US / Dth	$ 16.7442	Line 7 divided by Line 8
10				
11	Empress to East Hereford on TCPL			
12	Demand Toll	$CAD / GJ	$ 47.72679	CAD-3
13	Delivery Pressure Demand Toll	$CAD / GJ	$ 4.23096	CAD-2
14	Abandonment Surcharge	$CAD / GJ	$ 0.60833	CAD-3
15	Total Demand Toll	$CAD / GJ	$ 52.56608	Sum of Above
16	$USD to $CAD	Ratio	1.3232	CAD-5
17	Total Demand Toll	$US / GJ	$ 39.7265	Line 5 divided by Line 6
18	GJ per Dth	Ratio	1.055056	
19	Total Demand Toll	$US / Dth	$ 41.9137	Line 7 divided by Line 8
20				
21	Dawn to Parkway on Enbridge Gas, Inc. Pipeline			
22	Total Demand Toll	$CAD / GJ	$ 3.7600	CAD-4
23	$USD to $CAD	Ratio	1.3232	CAD-5
24	Total Demand Toll	$US / GJ	$ 2.8416	Line 12 divided by Line 13
25	GJ per Dth	Ratio	1.055056	
26	Total Demand Toll	$US / Dth	$ 2.9980	Line 14 divided by Line 15
27				

North Bay Junction Long Term Fixed Price (NBJ LTFP) Service

Line No.	Particulars	Monthly Toll ($/GJ/Month)	Daily Equivalent ($/GJ)
	(a)	(b)	(c)
1	NBJ LTFP	28.28750	0.9300
2	NBJ LTFP Differential Surcharge	0.00000	0.0000

Note: The toll for NBJ LTFP is inclusive of the applicable Abandonment Surcharge for FT service from Empress to North Bay Junction.
The NBJ LTFP Differential Surcharge is zero provided the Abandonment Surcharge for FT service from Empress to North Bay Junction is equal or less than $6.69167/GJ/Month.

Enhanced Market Balancing Service

Line No.	Particulars	Monthly Toll ($/GJ/Month)	Daily Equivalent ($/GJ)	Abandonment Surcharge ($/GJ/Month)	Daily Equivalent Abandonment Surcharge ($/GJ)
	(a)	(b)	(c)	(d)	(e)
3	Union Parkway Belt to Union EDA	9.92374	0.3262	0.43192	0.0142

Delivery Pressure

Line No.	Particulars	Monthly Toll ($/GJ/Month)	Daily Equivalent ($/GJ)
	(a)	(b)	(c)
4	Average Delivery Pressure Toll	0.60833	0.0200

Note: Delivery Pressure toll applies to the following locations: Emerson 1 , Emerson 2, Union SWDA, Enbridge SWDA, Dawn Export, Niagara Falls, Iroquois, Chippawa and East Hereford.
The Daily Equivalent Toll is only applicable to STS Injections, IT, Diversions and STFT.

Union Dawn Receipt Point Surcharge

Line No.	Particulars	Monthly Toll ($/GJ/Month)	Daily Equivalent ($/GJ)
	(a)	(b)	(c)
5	Union Dawn Receipt Point Surcharge	0.13135	0.0043

Short Notice Balancing (SNB) Service

Line No.	Particulars	Monthly Toll ($/GJ/Month)	Daily Equivalent ($/GJ)
	(a)	(b)	(c)
6	SNB Toll	2.97597	0.0978

Note: This SNB Toll is a representative toll for the Eastern Region.

Energy Deficient Gas Allowance (EDGA) Service

Line No.	Particulars	Capacity Charge ($/GJ/D)
	(a)	(b)
7	Western Section	0.9388
8	Eastern Section	0.3302

Note: The EDGA Service capacity charge for the Western Section is the effective Empress to North Bay Junction FT Toll and the capacity charge for the Eastern Section is the effective Parkway to North Bay Junction FT Toll.
The EDGA Service fuel charge for the Western Section includes the effective Empress to North Bay Junction monthly fuel ratio and the fuel charge for the Eastern Section includes the effective Parkway to North Bay Junction monthly fuel ratio.

TransCanada PipeLines Limited
Mainline Tolls - effective January 1, 2022 to December 31, 2026 (CER Order TG-014-2020)
Abandonment Surcharges - effective January 1, 2023 to December 31, 2023 (CER Order TG-008-2022)
Rate Riders - effective January 1, 2023 to December 31, 2023 (CER Order TG-007-2022)

Notes: (i) Aggregate charges for Mainline transportation service will include the applicable transportation toll, abandonment surcharge, delivery pressure toll (if applicable), rate rider (if applicable) and Dawn receipt surcharge (if applicable) pursuant to the Mainline Tariff.
(ii) Any transportation with a Union Dawn receipt point is subject to a Union Dawn Receipt Point Surcharge. Transport under FT, FT-NR, FT-SN and EMB service is subject to the monthly surcharge toll, and other transportation services are subject to the daily equivalent toll. Refer to page 2 for the Union Dawn Receipt Point Surcharge tolls.
(iii) Transportation with receipt points from delivery areas or Spruce is for STFT and IT service only.
(iv) The following delivery points are subject to an additional charge for delivery pressure: Emerson 1 & 2, Union SWDA, Enbridge SWDA, Dawn Export, Niagara Falls, Iroquois, Chippawa, and East Hereford. Refer to page 2 for the delivery pressure toll.
(v) The following transportation services are subject to the Abandonment Surcharges: FT, FT-NR, STS, STS-L, FT-SN, MFP, EMB, Herbert LTFP, Dawn LTFP, NBJ LTFP, MDS, IT, STFT, and ST-SN. The Daily Equivalent Abandonment Surcharge is only applicable to IT, STFT, ST-SN, ARPs, Diversions, and STS Overrun.
vi) The following transportation services are subject to rate riders: FT, FT-NR, FT-SN, STS, STS-L, and EMB.

Line No.	Receipt Point	Delivery Point	FT Toll ($/GJ/Month)	Daily Equivalent FT for IT / STFT ($/GJ)	Abandonment Surcharge ($/GJ/Month)	Daily Equivalent Abandonment Surcharge ($/GJ)	Rate Rider ($/GJ/Month)	Daily Equivalent Rate Rider ($/GJ)
1	Empress	Empress	2.53979	0.0835	0.03042	0.0010	-0.47754	-0.0157
2	Empress	TransGas SSDA	6.12592	0.2014	0.47146	0.0155	-1.22883	-0.0404
3	Empress	Centram SSDA	8.70221	0.2861	0.78475	0.0258	-1.76721	-0.0581
4	Empress	Centram MDA	11.25417	0.3700	1.09804	0.0361	-2.30254	-0.0757
5	Empress	Centrat MDA	12.63813	0.4155	1.26838	0.0417	-2.59150	-0.0852
6	Empress	Union WDA	17.65079	0.5803	1.88279	0.0619	-3.64088	-0.1197
7	Empress	Nipigon WDA	19.22638	0.6321	2.07442	0.0682	-3.96938	-0.1305
8	Empress	Union NDA	27.32938	0.8985	3.06904	0.1009	-5.66663	-0.1863
9	Empress	Calstock NDA	22.56004	0.7417	2.48504	0.0817	-4.66896	-0.1535
10	Empress	Tunis NDA	25.18196	0.8279	2.80442	0.0922	-5.21646	-0.1715
11	Empress	Energir NDA	27.80083	0.9140	3.12683	0.1028	-5.76700	-0.1896
12	Empress	Union SSMDA	24.39417	0.8020	2.71013	0.0891	-5.05221	-0.1661
13	Empress	Union NCDA	34.87271	1.1465	3.43100	0.1128	-5.92213	-0.1947
14	Empress	Union CDA	36.30838	1.1937	3.52529	0.1159	-5.94038	-0.1953
15	Empress	Union ECDA	37.05967	1.2184	3.57092	0.1174	-5.94038	-0.1953
16	Empress	Union EDA	40.97733	1.3472	3.81121	0.1253	-5.92213	-0.1947
17	Empress	Union Parkway Belt	36.52433	1.2008	3.53746	0.1163	-5.94038	-0.1953
18	Empress	Enbridge CDA	37.69233	1.2392	3.61046	0.1187	-5.94038	-0.1953
19	Empress	Enbridge Parkway CDA	36.52433	1.2008	3.53746	0.1163	-5.94038	-0.1953
20	Empress	Enbridge EDA	39.27400	1.2912	3.70475	0.1218	-5.92213	-0.1947
21	Empress	KPUC EDA	42.26700	1.3896	3.89029	0.1279	-5.92213	-0.1947
22	Empress	Energir EDA	44.09200	1.4496	4.00588	0.1317	-5.92213	-0.1947
23	Empress	Enbridge SWDA	32.02875	1.0530	3.25763	0.1071	-5.94038	-0.1953
24	Empress	Union SWDA	31.98617	1.0516	3.25458	0.1070	-5.94038	-0.1953
25	Empress	Chippawa	38.02083	1.2500	3.63175	0.1194	-5.94038	-0.1953
26	Empress	Cornwall	40.67013	1.3371	3.79296	0.1247	-5.92213	-0.1947
27	Empress	East Hereford	47.72679	1.5691	4.23096	0.1391	-5.92213	-0.1947
28	Empress	Emerson 1	12.85104	0.4225	1.29575	0.0426	-2.63713	-0.0867
29	Empress	Emerson 2	12.85104	0.4225	1.29575	0.0426	-2.63713	-0.0867
30	Empress	Iroquois	40.01313	1.3155	3.75038	0.1233	-5.92213	-0.1947
31	Empress	Kirkwall	35.76696	1.1759	3.49183	0.1148	-5.94038	-0.1953
32	Empress	Napierville	43.71483	1.4372	3.98154	0.1309	-5.92213	-0.1947
33	Empress	Niagara Falls	37.97217	1.2484	3.62871	0.1193	-5.94038	-0.1953
34	Empress	North Bay Junction	28.55517	0.9388	3.21808	0.1058	-5.92213	-0.1947
35	Empress	Philipsburg	44.06158	1.4486	4.00283	0.1316	-5.92213	-0.1947
36	Empress	Spruce	12.63813	0.4155	1.26838	0.0417	-2.59150	-0.0852
37	Empress	St. Clair	28.63425	0.9414	3.23025	0.1062	-5.94038	-0.1953
38	Empress	Welwyn	8.70221	0.2861	0.78475	0.0258	-1.76721	-0.0581
39	Empress	Dawn Export	32.02875	1.0530	3.25763	0.1071	-5.94038	-0.1953
40	Bayhurst 1	Empress	2.84396	0.0935	0.06692	0.0022	-0.54142	-0.0178
41	Bayhurst 1	TransGas SSDA	5.81871	0.1913	0.43192	0.0142	-1.16496	-0.0383
42	Bayhurst 1	Centram SSDA	8.39804	0.2761	0.74825	0.0246	-1.70333	-0.0560
43	Bayhurst 1	Centram MDA	10.95000	0.3600	1.06154	0.0349	-2.23867	-0.0736
44	Bayhurst 1	Centrat MDA	12.33396	0.4055	1.23188	0.0405	-2.52763	-0.0831

Line No.	Receipt Point	Delivery Point	FT Toll ($/GJ/Month)	Daily Equivalent FT for IT / STFT ($/GJ)	Abandonment Surcharge ($/GJ/Month)	Daily Equivalent Abandonment Surcharge ($/GJ)	Rate Rider ($/GJ/Month)	Daily Equivalent Rate Rider ($/GJ)
1	Union NDA	Enbridge EDA	-	0.4769	-	0.0220	-	-0.0242
2	Union NDA	KPUC EDA	-	0.5748	-	0.0281	-	-0.0242
3	Union NDA	Energir EDA	-	0.6348	-	0.0318	-	-0.0242
4	Union NDA	Enbridge SWDA	-	0.6014	-	0.0298	-	-0.0242
5	Union NDA	Union SWDA	-	0.6029	-	0.0298	-	-0.0242
6	Union NDA	Chippawa	-	0.5417	-	0.0260	-	-0.0242
7	Union NDA	Cornwall	-	0.5224	-	0.0248	-	-0.0242
8	Union NDA	East Hereford	-	0.7544	-	0.0393	-	-0.0242
9	Union NDA	Emerson 1	-	0.6135	-	0.0660	-	-0.1267
10	Union NDA	Emerson 2	-	0.6135	-	0.0660	-	-0.1267
11	Union NDA	Iroquois	-	0.5008	-	0.0235	-	-0.0242
12	Union NDA	Kirkwall	-	0.4785	-	0.0221	-	-0.0242
13	Union NDA	Napierville	-	0.6225	-	0.0311	-	-0.0242
14	Union NDA	Niagara Falls	-	0.5401	-	0.0259	-	-0.0242
15	Union NDA	North Bay Junction	-	0.1241	-	0.0060	-	-0.0242
16	Union NDA	Philipsburg	-	0.6339	-	0.0318	-	-0.0242
17	Union NDA	Spruce	-	0.5665	-	0.0602	-	-0.1168
18	Union NDA	St. Clair	-	0.6170	-	0.0307	-	-0.0242
19	Union NDA	Welwyn	-	0.6959	-	0.0761	-	-0.1439
20	Union NDA	Dawn Export	-	0.6014	-	0.0298	-	-0.0242
21	Union Parkway Belt	Empress	36.52433	1.2008	3.53746	0.1163	-5.94038	-0.1953
22	Union Parkway Belt	TransGas SSDA	32.93821	1.0829	3.09946	0.1019	-5.18908	-0.1706
23	Union Parkway Belt	Centram SSDA	30.35888	0.9981	2.78313	0.0915	-4.65071	-0.1529
24	Union Parkway Belt	Centram MDA	27.81908	0.9146	2.47288	0.0813	-4.11842	-0.1354
25	Union Parkway Belt	Centrat MDA	28.49738	0.9369	2.42421	0.0797	-3.80817	-0.1252
26	Union Parkway Belt	Union WDA	23.89229	0.7855	1.86150	0.0612	-2.84700	-0.0936
27	Union Parkway Belt	Nipigon WDA	21.91217	0.7204	1.61817	0.0532	-2.43029	-0.0799
28	Union Parkway Belt	Union NDA	13.80004	0.4537	0.62354	0.0205	-0.73608	-0.0242
29	Union Parkway Belt	Calstock NDA	18.57850	0.6108	1.21058	0.0398	-1.73375	-0.0570
30	Union Parkway Belt	Tunis NDA	15.95354	0.5245	0.88817	0.0292	-1.18321	-0.0389
31	Union Parkway Belt	Energir NDA	13.73008	0.4514	0.61442	0.0202	-0.71783	-0.0236
32	Union Parkway Belt	Union SSMDA	16.31854	0.5365	1.06154	0.0349	-1.71246	-0.0563
33	Union Parkway Belt	Union NCDA	6.64604	0.2185	0.26158	0.0086	0.00000	0.0000
34	Union Parkway Belt	Union CDA	4.16100	0.1368	0.10950	0.0036	0.00000	0.0000
35	Union Parkway Belt	Union ECDA	3.47358	0.1142	0.06388	0.0021	0.00000	0.0000
36	Union Parkway Belt	Union EDA	9.02158	0.2966	0.41063	0.0135	0.00000	0.0000
37	Union Parkway Belt	Union Parkway Belt	2.92000	0.0960	0.03042	0.0010	0.00000	0.0000
38	Union Parkway Belt	Enbridge CDA	4.55946	0.1499	0.13383	0.0044	0.00000	0.0000
39	Union Parkway Belt	Enbridge Parkway CDA	2.92000	0.0960	0.03042	0.0010	0.00000	0.0000
40	Union Parkway Belt	Enbridge EDA	12.02067	0.3952	0.59921	0.0197	0.00000	0.0000
41	Union Parkway Belt	KPUC EDA	8.94250	0.2940	0.40758	0.0134	0.00000	0.0000
42	Union Parkway Belt	Energir EDA	15.63721	0.5141	0.82429	0.0271	0.00000	0.0000
43	Union Parkway Belt	Enbridge SWDA	7.41558	0.2438	0.31025	0.0102	0.00000	0.0000
44	Union Parkway Belt	Union SWDA	7.45817	0.2452	0.31329	0.0103	0.00000	0.0000
45	Union Parkway Belt	Chippawa	5.59667	0.1840	0.19771	0.0065	0.00000	0.0000
46	Union Parkway Belt	Cornwall	12.21838	0.4017	0.61138	0.0201	0.00000	0.0000
47	Union Parkway Belt	East Hereford	19.27504	0.6337	1.04938	0.0345	0.00000	0.0000
48	Union Parkway Belt	Emerson 1	26.21004	0.8617	2.27517	0.0748	-3.78079	-0.1243
49	Union Parkway Belt	Emerson 2	26.21004	0.8617	2.27517	0.0748	-3.78079	-0.1243
50	Union Parkway Belt	Iroquois	11.37888	0.3741	0.55663	0.0183	0.00000	0.0000
51	Union Parkway Belt	Kirkwall	3.67738	0.1209	0.07908	0.0026	0.00000	0.0000
52	Union Parkway Belt	Napierville	15.26004	0.5017	0.79996	0.0263	0.00000	0.0000
53	Union Parkway Belt	Niagara Falls	5.55104	0.1825	0.19467	0.0064	0.00000	0.0000
54	Union Parkway Belt	North Bay Junction	10.04358	0.3302	0.47450	0.0156	0.00000	0.0000
55	Union Parkway Belt	Philipsburg	15.60679	0.5131	0.82125	0.0270	0.00000	0.0000
56	Union Parkway Belt	Spruce	28.49738	0.9369	2.42421	0.0797	-3.80817	-0.1252
57	Union Parkway Belt	St. Clair	7.88704	0.2593	0.34067	0.0112	0.00000	0.0000
58	Union Parkway Belt	Welwyn	30.35888	0.9981	2.78313	0.0915	-4.65071	-0.1529
59	Union Parkway Belt	Dawn Export	7.41558	0.2438	0.31025	0.0102	0.00000	0.0000

ENBRIDGE GAS INC.
UNION SOUTH
TRANSPORTATION RATES

(A) Applicability

The charges under this schedule shall be applicable to a Shipper who enters into a Transportation Service Contract with Union.

Applicable Points
Dawn as a receipt point: Dawn (TCPL), Dawn (Facilities), Dawn (Tecumseh), Dawn (Vector) and Dawn (TSLE).
Dawn as a delivery point: Dawn (Facilities).

(B) Services

Transportation Service under this rate schedule shall be for transportation on Union's Dawn - Parkway facilities.

(C) Rates

The identified rates represent maximum prices for service. These rates may change periodically.
Multi-year prices may also be negotiated, which may be higher than the identified rates.

	Monthly Demand Charges (applied to daily contract demand) Rate/GJ	Fuel and Commodity Charges			
		Union Supplied Fuel	Shipper Supplied Fuel		
		Fuel and Commodity Charge Rate/GJ	Fuel Ratio %	AND	Commodity Charge Rate/GJ
Firm Transportation (1), (5)					
Dawn to Parkway	$3.760	Monthly fuel and commodity rates shall be in accordance with schedule "C".	Monthly fuel ratios shall be in accordance with schedule "C".		
Dawn to Kirkwall	$3.190				
Kirkwall to Parkway	$0.570				
M12-X Firm Transportation					
Between Dawn, Kirkwall and Parkway	$4.648	Monthly fuel and commodity rates shall be in accordance with schedule "C".	Monthly fuel ratios shall be in accordance with schedule "C".		
Limited Firm/Interruptible Transportation (1)					
Dawn to Parkway – Maximum	$9.024	Monthly fuel and commodity rates shall be in accordance with schedule "C".	Monthly fuel ratios shall be in accordance with schedule "C".		
Dawn to Kirkwall – Maximum	$9.024				
Parkway (TCPL / EGT) to Parkway (Cons) / Lisgar (2)	n/a	n/a	0.173%		
Carbon Charge (applied to all quantities transported)					
Facility Carbon Charge		$0.004			$0.004

BANK OF CANADA
BANQUE DU CANADA

Daily exchange rates: Lookup tool

Search and download exchange rate data.

All Bank of Canada exchange rates are indicative rates only, obtained from averages of aggregated price quotes from financial institutions. For details, please read our full **Terms and Conditions**.

US dollar (USD)

Date	USD → CAD	CAD → USD
2023-07-28	1.3232	0.7557

Month	Historic TCPL Fuel Rates Parkway to East Hereford	Empress to East Hereford
May-22	1.48%	5.40%
Jun-22	1.46%	5.41%
Jul-22	1.56%	5.76%
Aug-22	1.57%	5.73%
Sep-22	1.40%	5.56%
Oct-22	1.55%	5.62%
Nov-22	1.42%	4.77%
Dec-22	1.58%	4.90%
Jan-23	2.01%	7.27%
Feb-23	1.56%	5.48%
Mar-23	1.48%	4.46%
Apr-23	1.26%	3.64%
Nov-Mar	1.61%	5.38%
Apr-Oct	1.47%	5.30%

SCHEDULE "C"

ENBRIDGE GAS INC.

Union South

M12 Monthly Transportation Fuel Ratios and Fuel Rates

Firm or Interruptible Transportation Commodity

Effective July 1, 2023

Month	VT1 Easterly Dawn to Parkway (TCPL), Parkway (EGT) With Dawn Compression		VT1 Easterly Dawn to Kirkwall, Lisgar, Parkway (Consumers) With Dawn Compression		M12-X Westerly Kirkwall to Dawn	
	Fuel Ratio (%)	Fuel Rate ($/GJ)	Fuel Ratio (%)	Fuel Rate ($/GJ)	Fuel Ratio (%)	Fuel Rate ($/GJ)
April	0.957	0.035	0.598	0.022	0.173	0.005
May	0.681	0.024	0.408	0.014	0.173	0.005
June	0.568	0.021	0.300	0.011	0.173	0.005
July	0.552	0.020	0.286	0.010	0.173	0.005
August	0.440	0.015	0.174	0.006	0.173	0.005
September	0.435	0.015	0.174	0.006	0.173	0.005
October	0.818	0.029	0.506	0.018	0.173	0.005
November	0.975	0.035	0.683	0.024	0.173	0.005
December	1.104	0.040	0.811	0.030	0.173	0.005
January	1.271	0.045	0.962	0.035	0.173	0.005
February	1.207	0.043	0.907	0.033	0.173	0.005
March	1.127	0.041	0.812	0.030	0.173	0.005

Month	M12-X Easterly Kirkwall to Parkway (TCPL), Parkway (EGT)		M12-X Easterly Kirkwall to Lisgar, Parkway (Consumers)		M12-X Westerly Parkway to Kirkwall, Dawn	
	Fuel Ratio (%)	Fuel Rate ($/GJ)	Fuel Ratio (%)	Fuel Rate ($/GJ)	Fuel Ratio (%)	Fuel Rate ($/GJ)
April	0.532	0.019	0.173	0.005	0.327	0.011
May	0.446	0.015	0.173	0.005	0.327	0.011
June	0.440	0.015	0.173	0.005	0.327	0.011
July	0.439	0.016	0.173	0.005	0.327	0.011
August	0.439	0.016	0.173	0.005	0.327	0.011
September	0.434	0.016	0.173	0.005	0.327	0.011
October	0.485	0.018	0.173	0.005	0.327	0.011
November	0.465	0.017	0.173	0.005	0.173	0.005
December	0.466	0.017	0.173	0.005	0.173	0.005
January	0.482	0.017	0.173	0.005	0.173	0.005
February	0.473	0.017	0.173	0.005	0.173	0.005
March	0.488	0.018	0.173	0.005	0.173	0.005

PRICING PROVISIONS

Shipper agrees to pay Enbridge the following for the Storage Services:

(a) **Monthly Demand Charge:** A monthly demand charge of $415,000.00 US for the period of April, 2023 to March, 2028, inclusive.

(b) **Demand Charge Escalation:** *Intentionally blank*

(c) **Variable Storage Charges:**

(i) Firm: For each GJ of gas withdrawn from or injected into the Storage Account on a firm basis, a charge equal to $0.006 CDN/GJ;

(ii) Interruptible: For each GJ of gas withdrawn from or injected into the Storage Account on an interruptible basis, a charge equal to the price set out under the heading 'If Shipper supplies fuel Commodity Charge Price/GJ' in the 'Storage Services' section under '(C) Pricing' in the MPSS (currently $0.041CDN/GJ);

(iii) Authorized Overrun: For each GJ of gas withdrawn from or injected into the Storage Account on an authorized overrun basis, a charge equal to the price set out under the heading 'If Shipper supplies fuel Commodity Charge Price/GJ' in the 'Authorized Overrun' section under '(C) Pricing' in the MPSS (currently $0.041CDN/GJ);

(iv) Dehydration Charge: Not Applicable.

(d) **Fuel:**

(i) Firm and Interruptible: For each GJ of gas withdrawn from or injected into the Storage Account on a firm or interruptible basis, an amount of fuel in kind equal to the fuel ratio set out under the heading of 'If Shipper supplies fuel' in the 'Storage Services' section under '(C) Pricing' in the MPSS (currently 0.600%).

(ii) Authorized Overrun: For each GJ of gas withdrawn from or injected into the Storage Account on an authorized overrun basis, an amount of fuel in kind equal to the fuel ratio set out under the heading of 'If Shipper supplies fuel' in the 'Authorized Overrun' section under '(C) Pricing' in the MPSS (currently 1.03%).

(e) **Late Season Balance Charge and Early Season Balance Charge:** *Intentionally blank*

(f) **Shortfall Charge:** *Intentionally blank*

(g) **Other Charges:** Any and all other charges as may be set out in this Contract, and any charges relating to Unauthorized Overrun, Drafted Storage Balance and Overrun of Maximum Storage Balance as set out in the MPSS.

FEDERAL ENERGY REGULATORY COMMISSION
WASHINGTON, D.C. 20426

FY 2023 GAS ANNUAL CHARGES
CORRECTION FOR ANNUAL CHARGES UNIT CHARGE
July 27, 2023

The annual charges unit charge (ACA) to be applied to in fiscal year 2024 for recovery of FY 2023 Current year and 2022 True-Up is **$0.0014** per Dekatherm (Dth). The new ACA surcharge will become effective October 1, 2023.

The following calculations were used to determine the FY 2023 unit charge:

2023 CURRENT:

Estimated Program Cost $97,675,000 divided by 67,029,494,482 Dth	=	0.0014571943

2022 TRUE-UP:

Debit/Credit Cost -$1,034,580 divided by 62,791,351,082 Dth	=	(0.0000164765)
TOTAL UNIT CHARGE	=	0.0014407179

If you have any questions, please contact Raven A. Rodriguez at (202)502-6276 or e-mail at Raven.Rodriguez@ferc.gov.

PUBLIC

4.2 Rate Schedule FT-NN
Firm Transportation Service
Currently Effective Rates

	$/Dth	
	Base Tariff Rate	ACA Adj.
Reservation Charge:		
Maximum	$7.0013	N/A
Minimum	$0.0000	N/A
Commodity Charge:		
Maximum	$0.0000	a/
Minimum	$0.0000	a/
Authorized Overrun Commodity Charge:		
Maximum	$0.2302	a/
Minimum	$0.0000	a/
Fuel and Losses		
Percentage	0.35%	N/A
Volumetric Reservation Charge		
Maximum	$0.2302	a/
Minimum	$0.0000	a/

a/ The ACA Adj. Surcharge is revised annually and posted on the FERC website at the web address http://www.ferc.gov on the Annual Charges page of the Natural Gas Section. The ACA Adj. Surcharge is incorporated by reference in the Transporter's Tariff and shall apply to all transportation under this Rate Schedule as provided in Section 6.17 of the General Terms and Conditions.

Iroquois Gas Transmission System, L.P.
FERC Gas Tariff
Second Revised Volume No. 1

Fifth Revised Sheet No. 4
Superseding
Fourth Revised Sheet No. 4

---------- NON-EASTCHESTER RATES (All in $ Per Dth) ----------

	Minimum	RP19-445 Rates Maximum 1/	RP22-1065 Rates Maximum		
		Effective 4/1/2020	Effective 9/1/2022	Effective 9/1/2023	Effective 9/1/2024
RTS DEMAND (Monthly):					
Zone 1	$0.0000	$5.2357	$4.8393	$4.5655	$4.2918
Zone 2	$0.0000	$4.4878	$4.3344	$4.1823	$4.0302
Inter-Zone	$0.0000	$8.2304	$7.4217	$7.2240	$7.0567
RTS COMMODITY (Daily):					
Zone 1	$0.0034	$0.0034	$0.0034	$0.0034	$0.0034
Zone 2	$0.0022	$0.0022	$0.0022	$0.0022	$0.0022
Inter-Zone	$0.0056	$0.0056	$0.0056	$0.0056	$0.0056
ITS COMMODITY (Daily):					
Zone 1	$0.0034	$0.1755	$0.1625	$0.1535	$0.1445
Zone 2	$0.0022	$0.1497	$0.1447	$0.1397	$0.1347
Inter-Zone	$0.0056	$0.2762	$0.2496	$0.2431	$0.2376
VOLUMETRIC CAPACITY RELEASE (Daily) 2/:					
Zone 1	$0.0000	$0.1721	$0.1591	$0.1501	$0.1411
Zone 2	$0.0000	$0.1475	$0.1425	$0.1375	$0.1325
Inter-Zone	$0.0000	$0.2706	$0.2440	$0.2375	$0.2320

**SEE SHEET NOS. 4A, 4B, AND 4C FOR ADJUSTMENTS TO RATES WHICH MAY BE APPLICABLE

(Footnotes continued on Sheet 4.01)

1/ The RP19-445 Rates that became effective 4/1/2020 shall be applicable to any Contesting Party to the Settlement dated July 27, 2022, pursuant to Section 13.3 of that Settlement.
2/ No rate cap shall apply to any capacity releases with terms of less than or equal to one year pursuant to FERC Order Nos. 712 et al.

Historic Iroquois Zone 1 Fuel Rates

May-22	0.10%
Jun-22	0.10%
Jul-22	0.10%
Aug-22	0.20%
Sep-22	0.10%
Oct-22	0.00%
Nov-22	0.10%
Dec-22	0.20%
Jan-23	0.30%
Feb-23	0.10%
Mar-23	-0.50%
Apr-23	-1.00%
Nov-Mar	0.04%
Apr-Oct	-0.06%

STATEMENT OF NEGOTIATED RATES 1/2/4/6/

Customer Name: Northern Utilities, Inc. d/b/a Unitil

Service Agreement: 210371

Rate Schedule: MN365

Reservation Rate: Customer shall pay a negotiated reservation rate of $13.3833 per Dth, per month (equivalent to $0.44 per Dth, per Day) of Customer's MDTQ under Contract No. 210371 during the Term of Negotiated Rate.

Usage Rate and Other Charges: 3/

Term of Negotiated Rate: The term of this negotiated rate commences on January 1, 2021 and extends through December 31, 2035. 5/

Quantity ("MDTQ"): 7,500 Dth/d

Primary Receipt Point:

Beverly – Essex Co., MA (Meter No. 30035) - 7,500 Dth/d

Primary Delivery Points:

Northern Utilities – Cotton Rd – Androscoggin Co, ME (Meter No. 30028)– 7,500 Dth/d

Recourse Rate(s): The Recourse Rate(s) applicable to this service is the applicable maximum rate(s) stated on Pipeline's Statement of Rates for Rate Schedule MN365 at the applicable time.

FOOTNOTES:

1/ This negotiated rate transaction does not deviate in any material respect from the form of service agreement set forth in Pipeline's FERC Gas Tariff.

2/ This Negotiated Rate shall apply only to transportation service under Contract No. 210371, up to Customer's specified MDTQ, using the Primary Receipt Point and Primary Delivery Point designated herein, and any secondary receipt and delivery points available under Rate Schedule MN365.

3/ Customer shall pay: (i) a commodity charge which shall be zero for the quantity of gas, in Dekatherms, delivered during the applicable Day under Pipeline's Rate Schedule MN365; (ii) the applicable Fuel Reimbursement Quantity ("FRQ") under Pipeline's Rate Schedule MN365; (iii) the applicable Annual Charge Adjustment and all other charges and surcharges applicable to Rate Schedule MN365; and (iv) any future surcharge or additional usage charge pursuant to any FERC-approved cost recovery mechanism of general applicability implemented in a generic proceeding or in a Pipeline specific proceeding, which mechanism recovers cost components not

reflected in Pipeline's recourse rate(s) applicable to service under Pipeline's Rate Schedule MN365.

4/ Pipeline and Customer agree that Contract No. 210371 is a ROFR Agreement.

5/ If the term of Contract No. 210371 renews for one or more twelve (12) month evergreen period(s) at the negotiated reservation rate, then the term of this Negotiated Rate Agreement shall be extended for such evergreen period(s).

6/ Customer will be eligible to receive reservation charge adjustments under this Negotiated Rate Agreement in accordance with Pipeline's FERC Gas Tariff.

FUEL RETAINAGE PERCENTAGES

FUEL RETAINAGE PERCENTAGE: PURSUANT TO SECTION 20 OF THE GT&C

Winter Period (November 1 - March 31)	0.81%
Non-Winter Period (April 1 - October 31)	0.98%

SCHEDULE 1

Receipt Point(s): 01-0100 Pittsburg, NH

Delivery Point(s): 05-0850 Newington Granite State

Maximum Daily Quantity: 40003 Dth/day

Maximum Contract Demand: 219176437 Dth

Effective Service Period: April 1, 2018 through November 30, 2032

Rate Provision(s) (check if applicable rate):

__ ___ Discounted Rate

__x ___ Negotiated Rate

Shipper's charges and fees shall be calculated as follows:

$0.6000/Dth/day

Additional Terms: Shipper shall have the right to deliver, on a secondary basis, to the following meters, at the Negotiated Rate of $0.60/Dth/day. Delivery to all other secondary delivery points on this Negotiated Rate contract shall be priced at the Maximum Recourse Rate.

Meter #	Name	Operator
05-0525	Westbrook	M&NE
05-0600	Westbrook	Granite State
02-0650	Gorham	Maine Natural Gas
05-0725	Eliot	Granite State
05-0750	Eliot CNG	XPress Natural Gas
02-0775	Newington	Essential Power
02-0900	Newington	Eversource
05-0850	Newington	Granite State
05-1000	Haverhill	Tennessee Gas Pipeline
05-1025	Haverhill	National Grid
05-1050	Methuen	M&NE
05-1150	Dracut	Tennessee Gas Pipeline

Revision No. 2

SCHEDULE 1

Primary Receipt Points

Begin Date	End Date	Scheduling Point No.	Scheduling Point Name	Maximum Daily Quantity (Dth/day)
11/1/2020	10/31/2040	10100	Pittsburg (East Hereford)	0 (Phase I Quantity) plus 0 (Phase II Quantity) plus 10,000 (Phase III Quantity)

Primary Delivery Points

Begin Date	End Date	Scheduling Point No.	Scheduling Point Name	Maximum Daily Quantity (Dth/day)
11/1/2020	10/31/2040	50850	Newington Granite State	0 (Phase I Quantity) plus 0 (Phase II Quantity) plus 10,000 (Phase III Quantity)

Maximum Contract Demand		0 Dth (Phase I Quantity)
	plus	0 Dth (Phase II Quantity)
	plus	10,000 Dth (Phase III Quantity)
Total Maximum Contract Demand		10,000 Dth (Phase I, II and III Quantities)

Effective Service Period 1/ to 1/

Rate Provision(s) (check if applicable rate):

_____ Discounted Rate
____X__ Negotiated Rate

Shipper's charges and fees shall be calculated as follows:

For the period of November 1, 2020 through October 31, 2021, for volumes received at the

primary receipt point and delivered to the primary delivery point, the reservation charge shall be $0.7500/Dth/day (the "Negotiated Daily Demand Rate"). For the period of November 1, 2021 through October 31, 2040, for volumes received at the primary receipt point and delivered to the primary delivery point, the Negotiated Daily Demand Rate shall be $0.7448/Dth/day.

For volumes received at the primary receipt point and delivered to any of the following secondary delivery points, the reservation charge shall be the Negotiated Daily Demand Rate: Westbrook M&NE, Westbrook Granite State, Eliot Granite State, Dracut and Haverhill Tennessee Gas. Deliveries to any other secondary delivery point(s) will be at the Recourse Reservation Rate.

Shipper shall have secondary receipt point access for delivery to any delivery point at the Recourse Reservation Rate.

In addition to the applicable reservation rate stated above, Shipper shall pay or furnish, as applicable, all maximum applicable demand and commodity surcharges, unit charges, Measurement Variance Quantities, and other fuel requirements and charges, as specified in the Tariff, in addition to any charges associated with mandated compliance with new or revised regulations or legislation (i.e. environmental, modernization and safety), which may change from time to time, and any other amounts contemplated under Article IV of this Contract.

PNGTS Construction Cost Sharing:

Shipper's Negotiated Daily Demand Rate for PNGTS reflected above shall be adjusted as follows:

To the extent Actual PNGTS Construction Costs (defined below) exceed Estimated PNGTS Construction Costs (defined below), Shipper's Negotiated Daily Demand Rate shall be multiplied by the Capital Cost Overrun Factor ("CCO Factor"). The CCO Factor shall be equal to 1 + [(CCO/EPCC) X 50%]. In no event shall the CCO Factor exceed 1.0667.

To the extent Actual PNGTS Construction Costs, as defined below, are less than Estimated PNGTS Construction Costs as defined below, Shipper's Negotiated Daily Demand Rate shall be multiplied by the Capital Cost Underrun Factor ("CCU Factor"). The CCU Factor shall be equal to 1 - [(CCU/EPCC) X 50%]. In no event shall the CCU Factor be less than 0.9333.

Any such adjustment to Shipper's Negotiated Daily Demand Rate for PNGTS shall be subject to a rate adjustment cap of +/- US$0.05 per Dth (overruns/ underruns). Such adjustment shall be effective on the actual in-service date for Phase III based on the final costs estimated by PNGTS at such time, and subsequently adjusted, if necessary, as soon as administratively feasible based on the Phase III final cost report filed with the FERC, to keep the applicable Parties financially whole as if the actual costs were known as of the actual in-service date of Phase III. Any subsequent adjustment shall not be later than the first anniversary date of the actual in-service date of Phase III and shall remain in effect for the balance of the Initial Term.

"Actual PNGTS Construction Costs" or "APCC" shall mean the amount filed by PNGTS with the FERC following completion of construction of the facilities associated with PXP Phase III (such construction shall be referred to herein as "PNGTS Construction"). PNGTS shall maintain books and records reasonably necessary for Shipper to verify the APCC.

"Capital Cost Overrun" or "CCO" shall be an amount in U.S. dollars equal to the difference between

the Actual PNGTS Construction Costs and the Estimated PNGTS Construction Costs, if Actual PNGTS Construction Costs exceed Estimated Project Costs.

"Capital Cost Underrun" or "CCU" shall be an amount in U.S. dollars equal to the difference between the Actual PNGTS Construction Costs and the Estimated PNGTS Construction Costs, if Actual PNGTS Construction Costs are less than Estimated PNGTS Construction Costs.

"Estimated PNGTS Construction Costs" or "EPCC" shall mean all costs and expenses that are projected to be incurred by PNGTS to complete the PNGTS Construction in the manner contemplated by this Agreement as filed with the FERC in its Section 7 of the Natural Gas Act certificate application for Phase III.

Shipper shall have one-time audit right to be exercised no later than thirteen (13) months after the actual in-service date for Phase III, at Shipper's sole cost and expense, to review PNGTS's books and records as reasonably necessary to verify costs associated with Phase III of the PNGTS Construction for purposes of this provision.

Historic PNGTS Measurement Variance Rates

May-22	-0.30%
Jun-22	-0.10%
Jul-22	0.70%
Aug-22	0.20%
Sep-22	0.40%
Oct-22	-0.60%
Nov-22	-0.50%
Dec-22	0.70%
Jan-23	-0.10%
Feb-23	-0.30%
Mar-23	0.00%
Apr-23	0.30%
Annual	0.03%
Projected (Greater of Annual Average or 0%)	0.03%
PXP Project Fuel Rate	0.28%
WXP Project Fuel Rate	1.336%

Portland Natural Gas Transmission System
Portland XPress Project (PXP) Phase III
Project Fuel Study

M&N Operating Company, LLC, the operator of the Joint Facilities between Westbrook and Dracut, estimated the daily fuel consumption for PXP. The result of the study is shown on Line 3 below. The proposed initial Fuel Rate was calculated by dividing the total estimated daily fuel consumption by the estimated daily volume to be transported on the Joint Facilities.

Once in service, the Fuel Rate will be adjusted monthly pursuant to proposed Section 6.2.26 of the General Terms & Conditions of PNGTS's FERC Gas Tariff, Third Revised Volume No. 1, so that the Fuel Rate is based upon actual fuel usage and transportation activity. Currently, the PNGTS system has no compression facilities and therefore shippers only pay a charge related to Lost And Unaccounted For Gas.

Line No.	Description		
1	Installed Horsepower	6,300	hp
2	PXP Volume Transported on both Northern Facilities and Joint Facilities	119,378	Dth/d
3	Estimated Fuel	296.2	Dth/d
4	Assumed Load Factor	90%	
5	Initial Compressor Fuel Rate	0.28%	

Statement of Transportation Rates
(Rates per DTH)

Rate Schedule	Rate Component	Base Rate	ACA Unit Charge 1/
FT	Recourse Reservation Rate		
	-- Maximum	$25.9843	---------
	-- Minimum	$00.0000	---------
	Seasonal Recourse Reservation Rate		
	-- Maximum	$49.3701	---------
	-- Minimum	$00.0000	---------
	Recourse Usage Rate		
	-- Maximum	$00.0000	2/
	-- Minimum	$00.0000	2/
	-- PXP Project	$00.0091	
FT-FLEX	Recourse Reservation Rate		
	--Maximum	$17.4406	---------
	--Minimum	$00.0000	---------
	Recourse Usage Rate		
	--Maximum	$00.2809	2/
	--Minimum	$00.0000	2/

The following adjustment applies to all Rate Schedules above:

MEASUREMENT VARIANCE FACTOR-LAUF:

Minimum down to -1.00%
Maximum up to +1.00%

MEASUREMENT VARIANCE FACTOR-FUEL 3/

_____

1/ ACA assessed where applicable under Section 154.402 of the Commission's regulations and will be charged pursuant to Section 6.18 of the General Terms and Conditions at such time that initial and successive ACA assessments are made.

2/ The currently effective ACA unit charge as published on the Commission's website (www.ferc.gov) is incorporated herein by reference.

3/ Measurement Variance Factor-Fuel shall be calculated in accordance with Section 6.2.26 herein and shall apply to Rate Schedule FT-Firm Transportation Service PXP contracts with primary point rights on the Joint Facilities, and Phase II and Phase III Rate Schedule FT-Firm Transportation Service WXP contracts, as applicable.

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Revision No. 0

SCHEDULE 1

Primary Receipt Points

Begin Date	End Date	Scheduling Point No.	Scheduling Point Name	Maximum Daily Quantity (Dth/day)
1/	1/	10100	PITTSBURG (EAST HEREFORD)	10,000

Primary Delivery Points

Begin Date	End Date	Scheduling Point No.	Scheduling Point Name	Maximum Daily Quantity (Dth/day)
1/	1/	51150	DRACUT, MASSACHUSETTTS	10,000

Maximum Contract Demand 10,000 Dth

Effective Service Period 1/ to 1/

Rate Provision(s) (check if applicable rate):

___X___ Discounted Rate
_____ Negotiated Rate

Shipper's charges and fees shall be calculated as follows:
For___1/_____ to __1/_____, shipper agrees to pay a fixed discounted daily demand rate of $0.8200 per Dth ("Discounted Daily Demand Rate") multiplied by the sum of the Maximum Daily Quantity during such term.

Other terms and conditions:

In addition to the Discounted Daily Demand Rate, Shipper shall pay all maximum applicable demand and commodity surcharges, including but not limited to measurement variance and unit charges, specified under Rate Schedule FT set forth in the Tariff, in addition to any charges associated with mandated compliance with new or revised regulations or legislation (i.e. environmental, modernization and safety) (collectively, the "Project Rate").

If during the term in Article VII, Transporter's maximum recourse rate under Rate Schedule FT set forth in the Tariff for a route from the Primary Receipt Point to the Primary Delivery Point is, or is expected to be, lower than the fixed $0.8200/Dth/day then Transporter may, at its discretion, require Shipper to convert its Discounted Daily Demand Rate to a fixed negotiated daily reservation rate equal to $0.8200/Dth/day (the "Converted Negotiated Demand Rate"), and Shipper would continue to pay all other components of the Project Rate without modification thereto. The Parties expressly agree that if a conversion to the Converted Negotiated Demand Rate occurs, it shall not make Shipper responsible for any charges or surcharges above and beyond the Project Rate which it otherwise would not be responsible for prior to such conversion. If during the term in Article VII and after Transporter requires Shipper to convert its Discounted Daily Demand Rate to the Converted Negotiated Demand Rate, the maximum Tariff recourse rate under Rate Schedule FT set forth in the Tariff for a route from Primary Receipt Point to the Primary Delivery Point is, or is expected to be, greater than the Discounted Daily Demand Rate was prior to such conversion, Transporter may, at its discretion, require Shipper to convert is Converted Negotiated Demand Rate back to Discounted Daily Demand Rate.

Secondary Receipt Points:

Shipper shall have secondary receipt point access on Transporter's system pursuant to the terms and conditions of Transporter's Tariff, at the Project Rate.

Secondary Delivery Points:

Shipper shall have secondary delivery point access on Transporter's system pursuant to the terms and conditions of Transporter's Tariff at the Project Rate.

1/ Pursuant to Article VII of the Contract.

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Portland Natural Gas Transmission System
Westbrook XPress (WXP) Phase II and III
Project Measurement Variance Factor-Fuel Study

Line No.	Description			
1	Installed Horsepower		15,900	hp
2	WXP Incremental Project Capacity	1/	80,998	Mcf/d
3	Assumed Load Factor Range		75% to 100%	
4	Estimated Fuel Usage Range		0 to 1,082	Mcf/d
5	WXP Project Measurement Variance Factor-Fuel Rate Range	2/	0.000% to 1.336%	

Notes:

1/ See page 1 of the Application for a Certificate of Public Convenience and Necessity; 80,998 Mcf/d represents the requested increase to certificated capacity on PNGTS's wholly-owned north system from Pittsburg, New Hampshire, to Westbrook, Maine.

2/ (Ln. 4 x 365) / (Ln. 2 x Ln. 3 x 365). The low value of the range was calculated utilizing a 75% load factor, and the high value of the range utilized a 100% load factor. PNGTS anticipates an initial WXP Project fuel rate within the reflected range. Subsequent monthly fuel rates will be adjusted in accordance with the PNGTS fuel mechanism as proposed in this certificate application, and are intended to keep Phase II and III WXP Project shippers and PNGTS whole on a rolling monthly basis.

CURRENTLY EFFECTIVE SERVICE RATES APPLICABLE TO OPEN ACCESS, PART 284, RATE SCHEDULES IN FERC GAS TARIFF, EIGHTH REVISED VOLUME NO. 1

FT-1
RESERVATION
CHARGES

Pursuant to Sections 3.2(A), 3.3(A), and 3.5 of Rate Schedule FT-1:

	FT-1 RESERVATION CHARGE* $/dth		FT-1 RESERVATION CHARGE ADJUSTMENT $/dth	
ACCESS AREA	MAXIMUM	MINIMUM	MAXIMUM	MINIMUM
STX-AAB	10.0130	0.0000	0.3292	0.0000
WLA-AAB	4.7580	0.0000	0.1564	0.0000
ELA-AAB	2.9490	0.0000	0.0969	0.0000
ETX-AAB	3.1710	0.0000	0.1042	0.0000
STX-STX	6.3800	0.0000	0.2097	0.0000
STX-WLA	8.0880	0.0000	0.2659	0.0000
STX-ELA	9.5210	0.0000	0.3131	0.0000
STX-ETX	9.5210	0.0000	0.3130	0.0000
WLA-WLA	3.1510	0.0000	0.1036	0.0000
WLA-ELA	4.5830	0.0000	0.1506	0.0000
WLA-ETX	4.5270	0.0000	0.1488	0.0000
ELA-ELA	2.8740	0.0000	0.0945	0.0000
ETX-ETX	3.0850	0.0000	0.1015	0.0000
ETX-ELA	2.8780	0.0000	0.0946	0.0000
MARKET AREA	MAXIMUM	MINIMUM	MAXIMUM	MINIMUM
M1-M1	3.5710	0.0000	0.1175	0.0000
M1-M2	8.6180	0.0000	0.2833	0.0000
M1-M3	16.6770	0.0000	0.5483	0.0000
M2-M2	6.4890	0.0000	0.2133	0.0000
M2-M3	14.5480	0.0000	0.4783	0.0000
M3-M3	9.5020	0.0000	0.3124	0.0000

* Reservation Charge reflects a storage surcharge of: 0.0970

CURRENTLY EFFECTIVE SERVICE RATES APPLICABLE TO OPEN ACCESS, PART 284, RATE SCHEDULES IN FERC GAS TARIFF, EIGHTH REVISED VOLUME NO. 1

FT-1
USAGE CHARGES — ZONE RATE $/dth

Pursuant to Sections 3.2(A) and 3.3(A) of Rate Schedule FT-1:

	STX	WLA	ELA	ETX	M1	M2	M3
USAGE-1 - MAXIMUM							
from STX	0.0219	0.0254	0.0424	0.0424	0.0642	0.1088	0.1788
from WLA	0.0254	0.0098	0.0274	0.0274	0.0492	0.0938	0.1638
from ELA	0.0424	0.0274	0.0212	0.0212	0.0430	0.0876	0.1576
from ETX	0.0424	0.0274	0.0212	0.0212	0.0430	0.0876	0.1576
from M1	0.0642	0.0492	0.0430	0.0430	0.0218	0.0664	0.1363
from M2	0.1088	0.0938	0.0876	0.0876	0.0664	0.0475	0.1180
from M3	0.1788	0.1638	0.1576	0.1576	0.1363	0.1180	0.0735
USAGE-1 - MINIMUM							
from STX	0.0189	0.0224	0.0394	0.0394	0.0582	0.1028	0.1728
from WLA	0.0224	0.0068	0.0245	0.0245	0.0433	0.0879	0.1579
from ELA	0.0394	0.0245	0.0183	0.0183	0.0371	0.0817	0.1517
from ETX	0.0394	0.0245	0.0183	0.0183	0.0371	0.0817	0.1517
from M1	0.0582	0.0433	0.0371	0.0371	0.0188	0.0634	0.1333
from M2	0.1028	0.0879	0.0817	0.0817	0.0634	0.0445	0.1150
from M3	0.1728	0.1579	0.1517	0.1517	0.1333	0.1150	0.0705
USAGE-1 - BACKHAUL MAXIMUM							
from STX	0.0205						
from WLA		0.0093					
from ELA			0.0199				
from ETX				0.0199			
from M1				0.0422	0.0210		
from M2				0.0849	0.0637	0.0456	
from M3						0.1128	0.0702
USAGE-1 - BACKHAUL MINIMUM							
from STX	0.0175						
from WLA		0.0063					
from ELA			0.0170				
from ETX				0.0170			
from M1				0.0363	0.0180		
from M2				0.0790	0.0607	0.0426	
from M3						0.1098	0.0672
USAGE-2	0.2209	0.2209	0.2209	0.2209	0.3601	0.5706	0.9055

ACA COMMODITY SURCHARGE TO APPLICABLE CUSTOMERS, PURSUANT TO SECTION 15.5 OF THE GENERAL TERMS AND CONDITIONS.

CURRENTLY EFFECTIVE PERCENTAGES FOR APPLICABLE SHRINKAGE FOR ASA RATE SCHEDULES
Effective During the Winter Period: December 1 through March 31

FOR TRANSPORTATION SERVICE		STX (%)	WLA (%)	ELA (%)	ETX (%)	M1 (%)	M2 (%)	M3 (%)
|	from STX	1.09	1.25	2.12	2.12	3.08	4.70	5.81
Base	from WLA	0.50	0.50	1.38	1.38	2.34	3.96	5.07
Applicable	from ELA	1.05	1.05	1.05	1.05	2.01	3.63	4.74
Shrinkage	from ETX	1.09	1.05	1.05	1.05	2.01	3.63	4.74
Percentage	from M1	3.08	2.34	2.01	2.01	0.96	2.58	3.69
|	from M2	4.70	3.96	3.63	3.63	2.58	1.80	2.90
|	from M3	5.81	5.07	4.74	4.74	3.69	2.90	1.28
|	from STX	-0.93	-1.06	-1.78	-1.78	-2.57	-3.8	-4.29
Applicable	from WLA	-0.31	-0.44	-1.14	-1.14	-1.93	-3.16	-3.65
Shrinkage	from ELA	-0.71	-0.81	-0.77	-0.77	-1.56	-2.79	-3.28
Adjustment	from ETX	-0.75	-0.81	-0.77	-0.77	-1.56	-2.79	-3.28
Percentage	from M1	-2.57	-1.93	-1.56	-1.56	-0.79	-2.02	-2.51
|	from M2	-3.80	-3.16	-2.79	-2.79	-2.02	-1.41	-1.88
|	from M3	-4.29	-3.65	-3.28	-3.28	-2.51	-1.88	-0.65
|	from STX	0.16	0.19	0.34	0.34	0.51	0.90	1.52
Applicable	from WLA	0.19	0.06	0.24	0.24	0.41	0.80	1.42
Shrinkage	from ELA	0.34	0.24	0.28	0.28	0.45	0.84	1.46
Percentage	from ETX	0.34	0.24	0.28	0.28	0.45	0.84	1.46
|	from M1	0.51	0.41	0.45	0.45	0.17	0.56	1.18
|	from M2	0.90	0.80	0.84	0.84	0.56	0.39	1.02
|	from M3	1.52	1.42	1.46	1.46	1.18	1.02	0.63

FOR TRANSPORTATION SERVICE UNDER CONTRACTS WITH PARTIAL BACKHAUL PATHS		STX (%)	WLA (%)	ELA (%)	ETX (%)	M1 (%)	M2 (%)	M3 (%)
|	from STX	0.00						
Base	from WLA		0.00					
Applicable	from ELA			0.00				
Shrinkage	from ETX				0.00			
Percentage	from M1				0.00	0.00		
|	from M2				0.00	0.00	0.00	
|	from M3						0.00	0.00
|	from STX	0.00						
Applicable	from WLA		0.00					
Shrinkage	from ELA			0.00				
Adjustment	from ETX				0.28			
Percentage	from M1				0.28	0.00		
|	from M2				0.28	0.00	0.00	
|	from M3						0.00	0.00
|	from STX	0.00						
Applicable	from WLA		0.00					
Shrinkage	from ELA			0.00				
Percentage	from ETX				0.28			
|	from M1				0.28	0.00		
|	from M2				0.28	0.00	0.00	
|	from M3						0.00	0.00

FOR STORAGE SERVICE	Base Applicable Shrinkage Percentage	Applicable Shrinkage Adjustment Percentage	Applicable Shrinkage Percentage
Monthly W/d (SS,SS-1,X-28)	2.86 %	-1.99 %	0.87 %
Monthly W/d (FSS,ISS-1)	1.76 %	-1.20 %	0.56 %
Monthly Injections	1.76 %	-1.20 %	0.56 %
Monthly Inventory Level	0.08 %	-0.03 %	0.05 %

Footnote: Due to the bidirectional flow patterns of Pipeline's Access Area Zones, there is no distinction between forwardhauls and backhauls for applicable Shrinkage purposes in the Access Area Zones.

CURRENTLY EFFECTIVE PERCENTAGES FOR APPLICABLE SHRINKAGE FOR ASA RATE SCHEDULES
Effective During the Spring, Summer and Fall Periods: April 1 through November 30

FOR TRANSPORTATION SERVICE		STX (%)	WLA (%)	ELA (%)	ETX (%)	M1 (%)	M2 (%)	M3 (%)
|	from STX	0.93	1.04	1.64	1.64	2.49	3.59	4.34
Base	from WLA	0.53	0.53	1.13	1.13	1.98	3.08	3.83
Applicable	from ELA	0.91	0.91	0.91	0.91	1.76	2.86	3.61
Shrinkage	from ETX	0.93	0.91	0.91	0.91	1.76	2.86	3.61
Percentage	from M1	2.49	1.98	1.76	1.76	0.85	1.95	2.70
|	from M2	3.59	3.08	2.86	2.86	1.95	1.42	2.17
|	from M3	4.34	3.83	3.61	3.61	2.70	2.17	1.07
|	from STX	-0.81	-0.90	-1.39	-1.39	-2.12	-2.92	-3.20
Applicable	from WLA	-0.39	-0.48	-0.95	-0.95	-1.68	-2.48	-2.76
Shrinkage	from ELA	-0.66	-0.73	-0.70	-0.70	-1.43	-2.23	-2.51
Adjustment	from ETX	-0.68	-0.73	-0.70	-0.70	-1.43	-2.23	-2.51
Percentage	from M1	-2.12	-1.68	-1.43	-1.43	-0.73	-1.53	-1.81
|	from M2	-2.92	-2.48	-2.23	-2.23	-1.53	-1.12	-1.41
|	from M3	-3.20	-2.76	-2.51	-2.51	-1.81	-1.41	-0.60
|	from STX	0.12	0.14	0.25	0.25	0.37	0.67	1.14
Applicable	from WLA	0.14	0.05	0.18	0.18	0.30	0.60	1.07
Shrinkage	from ELA	0.25	0.18	0.21	0.21	0.33	0.63	1.10
Percentage	from ETX	0.25	0.18	0.21	0.21	0.33	0.63	1.10
|	from M1	0.37	0.30	0.33	0.33	0.12	0.42	0.89
|	from M2	0.67	0.60	0.63	0.63	0.42	0.30	0.76
|	from M3	1.14	1.07	1.10	1.10	0.89	0.76	0.47

FOR TRANSPORTATION SERVICE UNDER CONTRACTS WITH PARTIAL BACKHAUL PATHS		STX (%)	WLA (%)	ELA (%)	ETX (%)	M1 (%)	M2 (%)	M3 (%)
|	from STX	0.00						
Base	from WLA		0.00					
Applicable	from ELA			0.00				
Shrinkage	from ETX				0.00			
Percentage	from M1				0.00	0.00		
|	from M2				0.00	0.00	0.00	
|	from M3						0.00	0.00
|	from STX	0.00						
Applicable	from WLA		0.00					
Shrinkage	from ELA			0.00				
Adjustment	from ETX				0.21			
Percentage	from M1				0.21	0.00		
|	from M2				0.21	0.00	0.00	
|	from M3						0.00	0.00
|	from STX	0.00						
Applicable	from WLA		0.00					
Shrinkage	from ELA			0.00				
Percentage	from ETX				0.21			
|	from M1				0.21	0.00		
|	from M2				0.21	0.00	0.00	
|	from M3						0.00	0.00

FOR STORAGE SERVICE	Base Applicable Shrinkage Percentage	Applicable Shrinkage Adjustment Percentage	Applicable Shrinkage Percentage
Monthly W/d (SS,SS-1,X-28)	2.70 %	-1.91 %	0.79 %
Monthly W/d (FSS,ISS-1)	1.76 %	-1.20 %	0.56 %
Monthly Injections	1.76 %	-1.20 %	0.56 %
Monthly Inventory Level	0.08 %	-0.03 %	0.05 %

Footnote: Due to the bidirectional flow patterns of Pipeline's Access Area Zones, there is no distinction between forwardhauls and backhauls for applicable Shrinkage purposes in the Access Area Zones.

Tennessee Gas Pipeline Company, L.L.C.
FERC NGA Gas Tariff
Sixth Revised Volume No. 1

Twenty First Revised Sheet No. 14
Superseding
Twentieth Revised Sheet No. 14

RATES PER DEKATHERM

FIRM TRANSPORTATION RATES
RATE SCHEDULE FOR FT-A

Base Reservation Rates

RECEIPT ZONE	DELIVERY ZONE 0	L	1	2	3	4	5	6
0	$4.6943		$9.80960	$13.1952	$13.4288	$14.7555	$15.6623	$19.6507
L		$4.1674						
1	$7.0668		$6.7741	$9.0149	$12.7706	$12.5770	$14.1840	$17.4413
2	$13.1953		$8.9608	$4.6605	$4.3567	$5.5746	$7.6672	$9.8974
3	$13.4288		$7.0978	$4.6982	$3.3894	$5.2064	$9.4162	$10.8807
4	$17.0500		$15.7186	$5.9901	$9.1033	$4.4560	$4.8190	$6.8844
5	$20.3297		$14.2853	$6.2836	$7.6032	$4.9501	$4.6433	$6.0448
6	$23.5176		$16.4078	$11.2924	$12.4403	$8.7873	$4.6228	$4.0017

Daily Base Reservation Rate 1/

RECEIPT ZONE	DELIVERY ZONE 0	L	1	2	3	4	5	6
0	$0.1543		$0.3225	$0.4338	$0.4415	$0.4851	$0.5149	$0.6461
L		$0.1370						
1	$0.2323		$0.2227	$0.2964	$0.4199	$0.4135	$0.4663	$0.5734
2	$0.4338		$0.2946	$0.1532	$0.1432	$0.1833	$0.2521	$0.3254
3	$0.4415		$0.2334	$0.1545	$0.1114	$0.1712	$0.3096	$0.3577
4	$0.5605		$0.5168	$0.1969	$0.2993	$0.1465	$0.1584	$0.2263
5	$0.6684		$0.4697	$0.2066	$0.2500	$0.1627	$0.1527	$0.1987
6	$0.7732		$0.5394	$0.3713	$0.4090	$0.2889	$0.1520	$0.1316

Maximum Reservation Rates 2 /, 3 /

RECEIPT ZONE	DELIVERY ZONE 0	L	1	2	3	4	5	6
0	$4.7400		$9.8553	$13.2409	$13.4745	$14.8012	$15.7080	$19.6964
L		$4.2131						
1	$7.1125		$6.8198	$9.0606	$12.8163	$12.6227	$14.2297	$17.4870
2	$13.2410		$9.0065	$4.7062	$4.4024	$5.6203	$7.7129	$9.9431
3	$13.4745		$7.1435	$4.7439	$3.4351	$5.2521	$9.4619	$10.9264
4	$17.0957		$15.7643	$6.0358	$9.1490	$4.5017	$4.8647	$6.9301
5	$20.3754		$14.3310	$6.3293	$7.6489	$4.9958	$4.6890	$6.0905
6	$23.5633		$16.4535	$11.3381	$12.4860	$8.8330	$4.6685	$4.0474

Notes:

1/ Applicable to demand charge credits and secondary points under discounted rate agreements.
2/ Includes a per Dth charge for the PCB Surcharge Adjustment per Article XXXII of the General Terms and Conditions of $0.0000.
3/ Includes a per Dth charge for the PS/GHG Surcharge Adjustment per Article XXXVIII of the General Terms and Conditions of $0.0457.

Tennessee Gas Pipeline Company, L.L.C.
FERC NGA Gas Tariff
Sixth Revised Volume No. 1

Twenty Third Revised Sheet No. 15
Superseding
Twenty Second Revised Sheet No. 15

RATES PER DEKATHERM

COMMODITY RATES
RATE SCHEDULE FOR FT-A

Base Commodity Rates

RECEIPT ZONE \ DELIVERY ZONE	0	L	1	2	3	4	5	6
0	$0.0032		$0.0115	$0.0177	$0.0219	$0.2260	$0.2157	$0.2567
L		$0.0012						
1	$0.0042		$0.0081	$0.0147	$0.0179	$0.1922	$0.1960	$0.2238
2	$0.0167		$0.0087	$0.0012	$0.0028	$0.0622	$0.0997	$0.1105
3	$0.0207		$0.0169	$0.0026	$0.0002	$0.0831	$0.1150	$0.1256
4	$0.0250		$0.0205	$0.0087	$0.0105	$0.0385	$0.0544	$0.0881
5	$0.0284		$0.0256	$0.0100	$0.0118	$0.0541	$0.0536	$0.0666
6	$0.0346		$0.0300	$0.0143	$0.0163	$0.0833	$0.0452	$0.0274

Minimum Commodity Rates 1/, 2/

RECEIPT ZONE \ DELIVERY ZONE	0	L	1	2	3	4	5	6
0	$0.0032		$0.0115	$0.0177	$0.0219	$0.0250	$0.0284	$0.0346
L		$0.0012						
1	$0.0042		$0.0081	$0.0147	$0.0179	$0.0210	$0.0256	$0.0300
2	$0.0167		$0.0087	$0.0012	$0.0028	$0.0056	$0.0100	$0.0143
3	$0.0207		$0.0169	$0.0026	$0.0002	$0.0081	$0.0118	$0.0163
4	$0.0250		$0.0205	$0.0087	$0.0105	$0.0028	$0.0046	$0.0092
5	$0.0284		$0.0256	$0.0100	$0.0118	$0.0046	$0.0046	$0.0066
6	$0.0346		$0.0300	$0.0143	$0.0163	$0.0086	$0.0041	$0.0020

Maximum Commodity Rates 1/, 2/, 3/

RECEIPT ZONE \ DELIVERY ZONE	0	L	1	2	3	4	5	6
0	$0.0050		$0.0133	$0.0195	$0.0237	$0.2278	$0.2175	$0.2585
L		$0.0030						
1	$0.0060		$0.0099	$0.0165	$0.0197	$0.1940	$0.1978	$0.2256
2	$0.0185		$0.0105	$0.0030	$0.0046	$0.0640	$0.1015	$0.1123
3	$0.0225		$0.0187	$0.0044	$0.0020	$0.0849	$0.1168	$0.1274
4	$0.0268		$0.0223	$0.0105	$0.0123	$0.0403	$0.0562	$0.0899
5	$0.0302		$0.0274	$0.0118	$0.0136	$0.0559	$0.0554	$0.0684
6	$0.0364		$0.0318	$0.0161	$0.0181	$0.0851	$0.0470	$0.0292

Notes:

1/ Rates stated above exclude the ACA Surcharge as revised annually and posted on the FERC website at http://www.ferc.gov on the Annual Charges page of the Natural Gas section. The ACA Surcharge is incorporated by reference into Transporter's Tariff and shall apply to all transportation under this Rate Schedule as provided in Article XXIV of the General Terms and Conditions.

2/ The applicable F&LR's and EPCR's, determined pursuant to Article XXXVII of the General Terms and Conditions, are listed on Sheet No. 32.

3/ Includes a per Dth charge for the PS/GHG Surcharge Adjustment per Article XXXVIII of the General Terms and Conditions of $0.0018.

Tennessee Gas Pipeline Company, L.L.C.
FERC NGA Gas Tariff
Sixth Revised Volume No. 1

Nineteenth Revised Sheet No. 32
Superseding
Eighteenth Revised Sheet No. 32

FUEL AND EPCR

F&LR 1/, 2/, 3/, 4/

RECEIPT ZONE	DELIVERY ZONE 0	L	1	2	3	4	5	6
0	0.43%		1.41%	2.12%	2.67%	3.21%	3.51%	4.17%
L		0.20%						
1	0.55%		1.01%	1.78%	2.15%	2.63%	3.19%	3.64%
2	2.16%		1.08%	0.19%	0.39%	0.75%	1.30%	1.78%
3	2.67%		2.15%	0.39%	0.08%	1.06%	1.53%	2.04%
4	3.11%		2.44%	1.08%	1.29%	0.40%	0.64%	1.13%
5	3.63%		3.19%	1.32%	1.55%	0.63%	0.63%	0.81%
6	4.34%		3.77%	1.78%	2.04%	1.05%	0.49%	0.23%

Broad Run Expansion Project – Market Component (Z3-Z1): 5/ 6.50%

EPCR 3/, 4/

RECEIPT ZONE	DELIVERY ZONE 0	L	1	2	3	4	5	6
0	$0.0041		$0.0158	$0.0245	$0.0304	$0.0368	$0.0418	$0.0502
L		$0.0014						
1	$0.0055		$0.0111	$0.0203	$0.0248	$0.0308	$0.0377	$0.0433
2	$0.0245		$0.0119	$0.0013	$0.0036	$0.0080	$0.0146	$0.0199
3	$0.0304		$0.0248	$0.0036	$0.0000	$0.0116	$0.0173	$0.0230
4	$0.0368		$0.0284	$0.0118	$0.0144	$0.0038	$0.0066	$0.0124
5	$0.0418		$0.0377	$0.0146	$0.0173	$0.0065	$0.0065	$0.0086
6	$0.0502		$0.0433	$0.0199	$0.0230	$0.0116	$0.0049	$0.0018

Broad Run Expansion Project – Market Component (Z3-Z1): 5/ $0.0828

1/ Included in the above F&LR is the Losses component of the F&LR equal to 0.04%.
2/ For service that is rendered entirely by displacement and for gas scheduled and allocated for receipt at the Dracut, Massachusetts receipt point, Shipper shall render only the quantity of gas associated with Losses of 0.04%.
3/ The F&LR's and EPCR's listed above are applicable to FT-A, FT-BH, FT-G, FT-GS, and IT.
4/ The F&LR's and EPCR's determined pursuant to Article XXXVII of the General Terms and Conditions.
5/ The incremental F&LR and EPCR set forth above are applicable to a Shipper(s) utilizing capacity on the Broad Run Expansion Project – Market Component facilities, from any receipt point(s) to any delivery point(s) located on the project's transportation path. Any service provided to a Shipper(s) outside the project's transportation path shall be subject to the greater of the incremental F&LR and EPCR for the project or the applicable F&LR and EPCR for the applicable receipt(s) and delivery point(s) as shown in the rate matrices above. Included in the above F&LR is the Losses component of the F&LR equal to 0.04%.

Tennessee Gas Pipeline Company, L.L.C.
FERC NGA Gas Tariff
Sixth Revised Volume No. 1

Twenty Fourth Revised Sheet No. 61
Superseding
Twenty Third Revised Sheet No. 61

RATES PER DEKATHERM

FIRM STORAGE SERVICE
RATE SCHEDULE FS

Rate Schedule and Rate	Base Tariff Rate	Max Tariff Rate	F&LR 2/, 3/	EPCR 2/
FIRM STORAGE SERVICE (FS) - PRODUCTION AREA				
Deliverability Rate	$1.7226	$1.7226 1/		
Space Rate	$0.0175	$0.0175 1/		
Injection Rate	$0.0073	$0.0073	1.29%	$0.0000
Withdrawal Rate	$0.0073	$0.0073		
Overrun Rate	$0.2067	$0.2067 1/		
FIRM STORAGE SERVICE (FS) - MARKET AREA				
Deliverability Rate	$1.2655	$1.2655 1/		
Space Rate	$0.0173	$0.0173 1/		
Injection Rate	$0.0087	$0.0087	1.29%	$0.0000
Withdrawal Rate	$0.0087	$0.0087		
Overrun Rate	$0.1519	$0.1519 1/		

Notes:

1/ Includes a per Dth charge for the PCB Surcharge Adjustment per Article XXXII of the General Terms and Conditions of $0.000.
2/ The F&LR's and EPCR's determined pursuant to Article XXXVII of the General Terms and Conditions.
3/ The applicable F&LR pursuant to Article XXXVII of the General Terms and Conditions, associated with Losses is equal to -0.06%.

Winter Period Re-Entry Surcharge Calculation
(Applicable to Capacity Assigned Customers Returning to Sales Service)

Line	Item	HLF (50, 51, 52)	LLF (40, 41, 42)	**Weighted Average**	Reference
1	Winter Demand Cost of Gas Rate	$ 0.1706	$ 0.2275	$ 0.2191	See Summary, Winter Demand Cost of Gas Rate for HLF and LLF, respectively
2	Winter Commodity Cost of Gas Rate	$ 0.5040	$ 0.5286	$ 0.5250	See Summary, Winter Commodity Cost of Gas Rate for HLF and LLF, respectively
3	Winter Indirect Cost of Gas	$ 0.0272	$ 0.0272	$ 0.0272	See Summary, Winter Indirect Cost of Gas Rate, Less Prior Period Credits
4	Winter Cost of Gas Rate (Exclusive of Credits)	$ 0.7018	$ 0.7833	$ 0.7713	Sum Lines 1 through 3
5	Winter Cost of Gas Rate for Incumbent Sales Customers	$ 0.6587	$ 0.7402	$ 0.7282	See Summary, Winter Total Cost of Gas Rate for HLF and LLF, respectively
6	**Winter Re-Entry Surcharge**	$ 0.0431	$ 0.0431	**$ 0.0431**	**Positive Difference between Line 4 and Line 5**
7	Projected Sales (therms)	2,480,131	14,311,515	16,791,646	See Summary, Winter Projected Prorated Sales for HLF and LLF, respectively

Summer Period Re-Entry Surcharge & Conversion Surcharge Calculation
(Applicable to Capacity Assigned & Capacity Exempt Customers Returning to Sales Service)

Line	Item	HLF (50, 51, 52)	LLF (40, 41, 42)	**Weighted Average**	Reference
8	Summer Demand Cost of Gas Rate	$ 0.1381	$ 0.2560	$ 0.2386	See Summary, Summer Demand Cost of Gas Rate for HLF and LLF, respectively
9	Summer Commodity Cost of Gas Rate	$ 0.2510	$ 0.2510	$ 0.2510	See Summary, Summer Commodity Cost of Gas Rate for HLF and LLF, respectively
10	Summer Indirect Cost of Gas	$ 0.0552	$ 0.0552	$ 0.0552	See Summary, Summer Indirect Cost of Gas Rate, Less Prior Period Credits
11	Summer Cost of Gas Rate (Exclusive of Credits)	$ 0.4443	$ 0.5622	$ 0.5448	Sum Lines 8 through 10
12	Summer Cost of Gas Rate for Incumbent Sales Customers	$ 0.4443	$ 0.5622	$ 0.5448	Lines 91 and 111 of Summary
13	**Summer Re-Entry Surcharge**	$ -	$ -	**$ 0.0000**	**Positive Difference between Line 11 and Line 12**
14	Projected Sales (therms)	1,861,021	2,486,344	4,347,365	See Summary, Summer Projected Prorated Sales for HLF and LLF, respectively

Winter Period Conversion Surcharge Calculation
(Applicable to Capacity Exempt Customers Returning to Sales Service)

Line	Item	HLF (50, 51, 52)	LLF (40, 41, 42)	Reference
1	LLF Winter Demand Cost of Gas Rate	$ 0.2275	$ 0.2275	See Summary, Winter Demand Cost of Gas Rate for LLF
2	LLF Winter Commodity Cost of Gas Rate	$ 0.5286	$ 0.5286	See Summary, Winter Commodity Cost of Gas Rate for LLF
3	LLF Winter Indirect Cost of Gas	$ 0.0272	$ 0.0272	See Summary, Winter Indirect Cost of Gas Rate, Less Prior Period Credits
4	Floor Price (LLF Winter Cost of Gas Rate, Exclusive of Credits)	$ 0.7833	$ 0.7833	Sum Lines 1 through 3.
5	Total Incremental Cost	$ 1.2277	$ 1.2277	See Line 15 of Incremental Commodity Price Worksheet
6	Total Conversion Rate	$ 1.2277	$ 1.2277	Maximum of Line 4 and Line 5
7	Winter Gas Adjustment Factor for Incumbent Sales Customers	$ 0.6587	$ 0.7402	See Summary, Winter Total Cost of Gas Rate for HLF and LLF, respectively
8	**Conversion Surcharge**	**$ 0.5690**	**$ 0.4875**	**Positive Difference between Line 6 and Line 7**

Incremental Commodity Price Worksheet

Line	Month	9/5/2023 NYMEX Settlement	Projected PNGTS Delivered Basis (7/31/2023 Algonquin Basis plus $0.75 per Dth)	Projected FOM Index	Projected Non-Capacity Assigned Delivery Service Loads	Comments
1	Nov-23	$ 2.991	$ 2.950	$ 5.941	215,092	
2	Dec-23	$ 3.453	$ 9.090	$ 12.543	225,487	
3	Jan-24	$ 3.706	$ 13.280	$ 16.986	244,130	
4	Feb-24	$ 3.634	$ 12.000	$ 15.634	229,129	
5	Mar-24	$ 3.328	$ 4.958	$ 8.286	225,467	
6	Apr-24	$ 3.052	$ 1.593	$ 4.645	215,177	
7	Winter Period Weigthed Average Baseload Price ($/Dth)			$ 10.855	1,354,482	Average, Weighted by Loads, Lines 1 through 6
8	Load Shape Price Factor			1.030		See Load Shape Price Factor Worksheet
9	Winter Period Incremental Load Shape Price ($/Dth)			$ 11.181		Line 7 times Line 8
10	Granite Fuel			0.35%		Granite Tariff
11	Granite Variable Transport ($/Dth)			$ 0.2316		Granite Tariff (IT Daily Rate plus ACA)
12	Northern City-Gate Price ($/Dth)			$ 11.452		Line 9 times (1 plus Line 10) plus Line 11
13	New Hampshire Division City-Gate Sendout to Sales Ratio			1.0720		1 plus Company Gas Allowance, FXW-3
14	Northern Retail Meter Price ($/Dth)			$ 12.277		Line 12 times Line 13
15	Northern Retail Meter Price ($/therm)			$ 1.2277		Line 14 divided by 10

Load Shape Price Factor Worksheet

		Historic Delivery Service Loads			Delivery Service Loads Not Subject to Capacity Assignment			2022-2023 Cost Analysis	
Month	Date	Capacity Assigned	Capacity Exempt	Total	Capacity Assigned	Capacity Exempt	Total	AGT City-Gate Price	AGT City-Gate Cost
Nov-22	11/1/2022	4,039	7,494	11,533	-	7,494	7,494	$ 3.870	$ 29,002
Nov-22	11/2/2022	4,836	8,049	12,885	-	8,049	8,049	$ 3.515	$ 28,292
Nov-22	11/3/2022	4,652	6,958	11,610	-	6,958	6,958	$ 3.685	$ 25,640
Nov-22	11/4/2022	3,182	6,693	9,875	-	6,693	6,693	$ 2.420	$ 16,197
Nov-22	11/5/2022	2,507	6,033	8,540	-	6,033	6,033	$ 0.735	$ 4,434
Nov-22	11/6/2022	2,687	6,087	8,774	-	6,087	6,087	$ 0.735	$ 4,474
Nov-22	11/7/2022	4,333	6,979	11,312	-	6,979	6,979	$ 0.735	$ 5,130
Nov-22	11/8/2022	6,684	7,982	14,666	-	7,982	7,982	$ 3.860	$ 30,811
Nov-22	11/9/2022	6,274	8,037	14,311	-	8,037	8,037	$ 3.460	$ 27,808
Nov-22	11/10/2022	3,865	7,625	11,490	-	7,625	7,625	$ 2.320	$ 17,690
Nov-22	11/11/2022	2,769	6,517	9,286	-	6,517	6,517	$ 4.110	$ 26,785
Nov-22	11/12/2022	3,328	5,260	8,588	-	5,260	5,260	$ 4.110	$ 21,619
Nov-22	11/13/2022	6,420	6,639	13,059	-	6,639	6,639	$ 4.110	$ 27,286
Nov-22	11/14/2022	7,877	8,609	16,486	-	8,609	8,609	$ 4.110	$ 35,383
Nov-22	11/15/2022	6,898	8,127	15,025	-	8,127	8,127	$ 6.535	$ 53,110
Nov-22	11/16/2022	6,864	7,935	14,799	-	7,935	7,935	$ 6.445	$ 51,141
Nov-22	11/17/2022	7,561	8,472	16,033	-	8,472	8,472	$ 7.575	$ 64,175
Nov-22	11/18/2022	7,332	8,185	15,517	-	8,185	8,185	$ 8.205	$ 67,158
Nov-22	11/19/2022	7,206	7,162	14,368	-	7,162	7,162	$ 11.600	$ 83,079
Nov-22	11/20/2022	8,518	7,769	16,287	-	7,769	7,769	$ 11.600	$ 90,120
Nov-22	11/21/2022	7,690	8,469	16,159	-	8,469	8,469	$ 11.600	$ 98,240
Nov-22	11/22/2022	6,950	8,461	15,411	-	8,461	8,461	$ 10.795	$ 91,336
Nov-22	11/23/2022	6,714	6,520	13,234	-	6,520	6,520	$ 8.655	$ 56,431
Nov-22	11/24/2022	5,443	4,731	10,174	-	4,731	4,731	$ 6.800	$ 32,171
Nov-22	11/25/2022	4,671	4,703	9,374	-	4,703	4,703	$ 6.800	$ 31,980
Nov-22	11/26/2022	4,900	6,400	11,300	-	6,400	6,400	$ 6.800	$ 43,520
Nov-22	11/27/2022	4,663	6,392	11,055	-	6,392	6,392	$ 6.800	$ 43,466
Nov-22	11/28/2022	6,746	8,551	15,297	-	8,551	8,551	$ 6.800	$ 58,147
Nov-22	11/29/2022	6,712	8,945	15,657	-	8,945	8,945	$ 5.855	$ 52,373

Load Shape Price Factor Worksheet

		Historic Delivery Service Loads			Delivery Service Loads Not Subject to Capacity Assignment			2022-2023 Cost Analysis	
Month	Date	Capacity Assigned	Capacity Exempt	Total	Capacity Assigned	Capacity Exempt	Total	AGT City-Gate Price	AGT City-Gate Cost
Nov-22	11/30/2022	6,170	7,896	14,066	-	7,896	7,896	$ 6.560	$ 51,798
Dec-22	12/1/2022	7,676	8,993	16,669	-	8,993	8,993	$ 9.905	$ 89,076
Dec-22	12/2/2022	6,374	7,798	14,172	-	7,798	7,798	$ 6.225	$ 48,543
Dec-22	12/3/2022	5,397	6,603	12,000	-	6,603	6,603	$ 5.990	$ 39,552
Dec-22	12/4/2022	7,788	7,593	15,381	-	7,593	7,593	$ 5.990	$ 45,482
Dec-22	12/5/2022	6,873	8,222	15,095	-	8,222	8,222	$ 5.990	$ 49,250
Dec-22	12/6/2022	5,534	7,169	12,703	-	7,169	7,169	$ 4.255	$ 30,504
Dec-22	12/7/2022	5,246	7,263	12,509	-	7,263	7,263	$ 4.010	$ 29,125
Dec-22	12/8/2022	7,584	8,531	16,115	-	8,531	8,531	$ 4.890	$ 41,717
Dec-22	12/9/2022	7,429	8,176	15,605	-	8,176	8,176	$ 6.475	$ 52,940
Dec-22	12/10/2022	8,571	8,783	17,354	-	8,783	8,783	$ 12.545	$ 110,183
Dec-22	12/11/2022	9,387	7,392	16,779	-	7,392	7,392	$ 12.545	$ 92,733
Dec-22	12/12/2022	9,263	9,059	18,322	-	9,059	9,059	$ 12.545	$ 113,645
Dec-22	12/13/2022	8,444	9,123	17,567	-	9,123	9,123	$ 18.930	$ 172,698
Dec-22	12/14/2022	7,851	8,560	16,411	-	8,560	8,560	$ 21.520	$ 184,211
Dec-22	12/15/2022	7,110	8,097	15,207	-	8,097	8,097	$ 10.170	$ 82,346
Dec-22	12/16/2022	7,611	8,135	15,746	-	8,135	8,135	$ 8.590	$ 69,880
Dec-22	12/17/2022	7,301	7,561	14,862	-	7,561	7,561	$ 17.270	$ 130,578
Dec-22	12/18/2022	7,867	8,081	15,948	-	8,081	8,081	$ 17.270	$ 139,559
Dec-22	12/19/2022	8,373	7,975	16,348	-	7,975	7,975	$ 17.270	$ 137,728
Dec-22	12/20/2022	8,476	8,667	17,143	-	8,667	8,667	$ 13.550	$ 117,438
Dec-22	12/21/2022	8,500	8,416	16,916	-	8,416	8,416	$ 10.520	$ 88,536
Dec-22	12/22/2022	6,636	7,353	13,989	-	7,353	7,353	$ 6.610	$ 48,603
Dec-22	12/23/2022	8,416	8,453	16,869	-	8,453	8,453	$ 30.250	$ 255,703
Dec-22	12/24/2022	9,993	6,030	16,023	-	6,030	6,030	$ 34.900	$ 210,447
Dec-22	12/25/2022	8,746	5,293	14,039	-	5,293	5,293	$ 34.900	$ 184,726
Dec-22	12/26/2022	8,876	7,737	16,613	-	7,737	7,737	$ 34.900	$ 270,021
Dec-22	12/27/2022	8,965	8,341	17,306	-	8,341	8,341	$ 34.900	$ 291,101
Dec-22	12/28/2022	8,395	8,504	16,899	-	8,504	8,504	$ 17.215	$ 146,396

Load Shape Price Factor Worksheet

		Historic Delivery Service Loads			Delivery Service Loads Not Subject to Capacity Assignment			2022-2023 Cost Analysis	
Month	Date	Capacity Assigned	Capacity Exempt	Total	Capacity Assigned	Capacity Exempt	Total	AGT City-Gate Price	AGT City-Gate Cost
Dec-22	12/29/2022	7,317	7,771	15,088	-	7,771	7,771	$ 5.410	$ 42,041
Dec-22	12/30/2022	4,334	6,245	10,579	-	6,245	6,245	$ 3.625	$ 22,638
Dec-22	12/31/2022	3,859	5,699	9,558	-	5,699	5,699	$ 3.625	$ 20,659
Jan-23	1/1/2023	5,707	4,692	10,399	-	4,692	4,692	$ 2.965	$ 13,912
Jan-23	1/2/2023	7,239	6,749	13,988	-	6,749	6,749	$ 2.965	$ 20,011
Jan-23	1/3/2023	7,269	8,557	15,826	-	8,557	8,557	$ 2.965	$ 25,372
Jan-23	1/4/2023	6,915	8,996	15,911	-	8,996	8,996	$ 2.945	$ 26,493
Jan-23	1/5/2023	8,345	9,428	17,773	-	9,428	9,428	$ 4.040	$ 38,089
Jan-23	1/6/2023	7,630	8,097	15,727	-	8,097	8,097	$ 5.125	$ 41,497
Jan-23	1/7/2023	7,658	7,251	14,909	-	7,251	7,251	$ 4.555	$ 33,028
Jan-23	1/8/2023	8,315	8,044	16,359	-	8,044	8,044	$ 4.555	$ 36,640
Jan-23	1/9/2023	8,050	8,040	16,090	-	8,040	8,040	$ 4.555	$ 36,622
Jan-23	1/10/2023	9,686	9,119	18,805	-	9,119	9,119	$ 7.250	$ 66,113
Jan-23	1/11/2023	9,254	8,313	17,567	-	8,313	8,313	$ 6.560	$ 54,533
Jan-23	1/12/2023	6,674	7,061	13,735	-	7,061	7,061	$ 3.375	$ 23,831
Jan-23	1/13/2023	6,399	7,146	13,545	-	7,146	7,146	$ 3.665	$ 26,190
Jan-23	1/14/2023	7,819	7,604	15,423	-	7,604	7,604	$ 7.150	$ 54,369
Jan-23	1/15/2023	8,238	7,981	16,219	-	7,981	7,981	$ 7.150	$ 57,064
Jan-23	1/16/2023	8,541	7,843	16,384	-	7,843	7,843	$ 7.150	$ 56,077
Jan-23	1/17/2023	7,182	8,103	15,285	-	8,103	8,103	$ 7.150	$ 57,936
Jan-23	1/18/2023	7,190	8,049	15,239	-	8,049	8,049	$ 4.190	$ 33,725
Jan-23	1/19/2023	7,633	7,948	15,581	-	7,948	7,948	$ 3.280	$ 26,069
Jan-23	1/20/2023	8,547	8,260	16,807	-	8,260	8,260	$ 5.430	$ 44,852
Jan-23	1/21/2023	8,984	8,192	17,176	-	8,192	8,192	$ 4.025	$ 32,973
Jan-23	1/22/2023	8,181	8,078	16,259	-	8,078	8,078	$ 4.025	$ 32,514
Jan-23	1/23/2023	8,796	9,616	18,412	-	9,616	9,616	$ 4.025	$ 38,704
Jan-23	1/24/2023	8,292	9,068	17,360	-	9,068	9,068	$ 4.370	$ 39,627
Jan-23	1/25/2023	7,749	8,417	16,166	-	8,417	8,417	$ 3.835	$ 32,279
Jan-23	1/26/2023	8,337	8,684	17,021	-	8,684	8,684	$ 4.225	$ 36,690

Load Shape Price Factor Worksheet

Month	Date	Historic Delivery Service Loads			Delivery Service Loads Not Subject to Capacity Assignment			2022-2023 Cost Analysis	
		Capacity Assigned	Capacity Exempt	Total	Capacity Assigned	Capacity Exempt	Total	AGT City-Gate Price	AGT City-Gate Cost
Jan-23	1/27/2023	8,052	8,363	16,415	-	8,363	8,363	$ 3.270	$ 27,347
Jan-23	1/28/2023	7,147	7,202	14,349	-	7,202	7,202	$ 3.215	$ 23,154
Jan-23	1/29/2023	6,427	7,592	14,019	-	7,592	7,592	$ 3.215	$ 24,408
Jan-23	1/30/2023	7,935	8,192	16,127	-	8,192	8,192	$ 3.215	$ 26,337
Jan-23	1/31/2023	10,210	9,643	19,853	-	9,643	9,643	$ 12.025	$ 115,957
Feb-23	2/1/2023	9,823	9,440	19,263	-	9,440	9,440	$ 13.605	$ 128,431
Feb-23	2/2/2023	9,334	8,988	18,322	-	8,988	8,988	$ 12.155	$ 109,249
Feb-23	2/3/2023	15,400	8,690	24,090	-	8,690	8,690	$ 66.370	$ 576,755
Feb-23	2/4/2023	11,219	9,238	20,457	-	9,238	9,238	$ 9.015	$ 83,281
Feb-23	2/5/2023	6,663	7,997	14,660	-	7,997	7,997	$ 9.015	$ 72,093
Feb-23	2/6/2023	8,447	8,570	17,017	-	8,570	8,570	$ 9.015	$ 77,259
Feb-23	2/7/2023	8,599	8,567	17,166	-	8,567	8,567	$ 3.175	$ 27,200
Feb-23	2/8/2023	7,888	8,449	16,337	-	8,449	8,449	$ 2.860	$ 24,164
Feb-23	2/9/2023	7,115	7,231	14,346	-	7,231	7,231	$ 2.520	$ 18,222
Feb-23	2/10/2023	6,407	7,114	13,521	-	7,114	7,114	$ 2.325	$ 16,540
Feb-23	2/11/2023	7,354	6,779	14,133	-	6,779	6,779	$ 2.755	$ 18,676
Feb-23	2/12/2023	6,912	6,144	13,056	-	6,144	6,144	$ 2.755	$ 16,927
Feb-23	2/13/2023	7,633	7,024	14,657	-	7,024	7,024	$ 2.755	$ 19,351
Feb-23	2/14/2023	7,919	8,256	16,175	-	8,256	8,256	$ 2.590	$ 21,383
Feb-23	2/15/2023	5,388	6,931	12,319	-	6,931	6,931	$ 2.100	$ 14,555
Feb-23	2/16/2023	5,521	6,664	12,185	-	6,664	6,664	$ 2.130	$ 14,194
Feb-23	2/17/2023	8,368	8,296	16,664	-	8,296	8,296	$ 2.740	$ 22,731
Feb-23	2/18/2023	7,713	8,132	15,845	-	8,132	8,132	$ 2.580	$ 20,981
Feb-23	2/19/2023	6,867	7,471	14,338	-	7,471	7,471	$ 2.580	$ 19,275
Feb-23	2/20/2023	6,435	7,110	13,545	-	7,110	7,110	$ 2.580	$ 18,344
Feb-23	2/21/2023	7,972	8,492	16,464	-	8,492	8,492	$ 2.580	$ 21,909
Feb-23	2/22/2023	8,351	8,775	17,126	-	8,775	8,775	$ 2.285	$ 20,051
Feb-23	2/23/2023	10,199	9,125	19,324	-	9,125	9,125	$ 4.380	$ 39,968
Feb-23	2/24/2023	11,049	9,608	20,657	-	9,608	9,608	$ 15.445	$ 148,396

Load Shape Price Factor Worksheet

		Historic Delivery Service Loads			Delivery Service Loads Not Subject to Capacity Assignment			2022-2023 Cost Analysis	
Month	Date	Capacity Assigned	Capacity Exempt	Total	Capacity Assigned	Capacity Exempt	Total	AGT City-Gate Price	AGT City-Gate Cost
Feb-23	2/25/2023	10,697	9,560	20,257	-	9,560	9,560	$ 12.285	$ 117,445
Feb-23	2/26/2023	10,515	9,548	20,063	-	9,548	9,548	$ 12.285	$ 117,297
Feb-23	2/27/2023	9,052	8,461	17,513	-	8,461	8,461	$ 12.285	$ 103,943
Feb-23	2/28/2023	8,318	7,857	16,175	-	7,857	7,857	$ 7.160	$ 56,256
Mar-23	3/1/2023	7,499	6,801	14,300	-	6,801	6,801	$ 3.140	$ 21,355
Mar-23	3/2/2023	7,914	7,407	15,321	-	7,407	7,407	$ 3.260	$ 24,147
Mar-23	3/3/2023	7,195	6,714	13,909	-	6,714	6,714	$ 4.010	$ 26,923
Mar-23	3/4/2023	7,881	6,540	14,421	-	6,540	6,540	$ 4.160	$ 27,206
Mar-23	3/5/2023	7,161	6,015	13,176	-	6,015	6,015	$ 4.160	$ 25,022
Mar-23	3/6/2023	7,845	6,921	14,766	-	6,921	6,921	$ 4.160	$ 28,791
Mar-23	3/7/2023	8,477	8,304	16,781	-	8,304	8,304	$ 6.145	$ 51,028
Mar-23	3/8/2023	7,334	7,442	14,776	-	7,442	7,442	$ 3.360	$ 25,005
Mar-23	3/9/2023	7,527	7,314	14,841	-	7,314	7,314	$ 2.970	$ 21,723
Mar-23	3/10/2023	6,845	6,986	13,831	-	6,986	6,986	$ 2.770	$ 19,351
Mar-23	3/11/2023	7,439	7,242	14,681	-	7,242	7,242	$ 2.790	$ 20,205
Mar-23	3/12/2023	7,198	7,615	14,813	-	7,615	7,615	$ 2.790	$ 21,246
Mar-23	3/13/2023	7,342	8,238	15,580	-	8,238	8,238	$ 2.790	$ 22,984
Mar-23	3/14/2023	8,249	9,079	17,328	-	9,079	9,079	$ 4.235	$ 38,450
Mar-23	3/15/2023	8,086	8,562	16,648	-	8,562	8,562	$ 3.015	$ 25,814
Mar-23	3/16/2023	7,187	7,938	15,125	-	7,938	7,938	$ 2.505	$ 19,885
Mar-23	3/17/2023	6,487	7,896	14,383	-	7,896	7,896	$ 2.350	$ 18,556
Mar-23	3/18/2023	6,260	7,284	13,544	-	7,284	7,284	$ 3.200	$ 23,309
Mar-23	3/19/2023	8,366	8,216	16,582	-	8,216	8,216	$ 3.200	$ 26,291
Mar-23	3/20/2023	7,058	8,184	15,242	-	8,184	8,184	$ 3.200	$ 26,189
Mar-23	3/21/2023	6,088	7,994	14,082	-	7,994	7,994	$ 2.205	$ 17,627
Mar-23	3/22/2023	6,419	7,613	14,032	-	7,613	7,613	$ 2.005	$ 15,264
Mar-23	3/23/2023	5,950	7,108	13,058	-	7,108	7,108	$ 2.020	$ 14,358
Mar-23	3/24/2023	6,819	7,984	14,803	-	7,984	7,984	$ 2.045	$ 16,327
Mar-23	3/25/2023	6,721	7,457	14,178	-	7,457	7,457	$ 1.945	$ 14,504

Load Shape Price Factor Worksheet

		Historic Delivery Service Loads			Delivery Service Loads Not Subject to Capacity Assignment			2022-2023 Cost Analysis	
Month	Date	Capacity Assigned	Capacity Exempt	Total	Capacity Assigned	Capacity Exempt	Total	AGT City-Gate Price	AGT City-Gate Cost
Mar-23	3/26/2023	6,128	7,450	13,578	-	7,450	7,450	$ 1.945	$ 14,490
Mar-23	3/27/2023	6,209	7,494	13,703	-	7,494	7,494	$ 1.945	$ 14,576
Mar-23	3/28/2023	7,400	8,632	16,032	-	8,632	8,632	$ 2.180	$ 18,818
Mar-23	3/29/2023	7,069	7,834	14,903	-	7,834	7,834	$ 2.150	$ 16,843
Mar-23	3/30/2023	8,079	8,956	17,035	-	8,956	8,956	$ 2.535	$ 22,703
Mar-23	3/31/2023	6,349	7,695	14,044	-	7,695	7,695	$ 2.060	$ 15,852
Apr-23	4/1/2023	5,406	6,584	11,990	-	6,584	6,584	$ 2.050	$ 13,497
Apr-23	4/2/2023	7,266	7,787	15,053	-	7,787	7,787	$ 2.050	$ 15,963
Apr-23	4/3/2023	5,642	7,165	12,807	-	7,165	7,165	$ 2.050	$ 14,688
Apr-23	4/4/2023	5,491	7,404	12,895	-	7,404	7,404	$ 2.125	$ 15,734
Apr-23	4/5/2023	7,346	8,275	15,621	-	8,275	8,275	$ 2.085	$ 17,253
Apr-23	4/6/2023	5,413	7,355	12,768	-	7,355	7,355	$ 2.040	$ 15,004
Apr-23	4/7/2023	6,611	7,440	14,051	-	7,440	7,440	$ 2.100	$ 15,624
Apr-23	4/8/2023	6,410	7,270	13,680	-	7,270	7,270	$ 2.100	$ 15,267
Apr-23	4/9/2023	6,013	6,792	12,805	-	6,792	6,792	$ 2.100	$ 14,263
Apr-23	4/10/2023	5,172	6,981	12,153	-	6,981	6,981	$ 2.100	$ 14,660
Apr-23	4/11/2023	3,340	6,807	10,147	-	6,807	6,807	$ 1.750	$ 11,912
Apr-23	4/12/2023	4,161	6,861	11,022	-	6,861	6,861	$ 1.715	$ 11,767
Apr-23	4/13/2023	3,221	6,782	10,003	-	6,782	6,782	$ 1.720	$ 11,665
Apr-23	4/14/2023	3,981	5,960	9,941	-	5,960	5,960	$ 1.455	$ 8,672
Apr-23	4/15/2023	4,488	5,654	10,142	-	5,654	5,654	$ 1.425	$ 8,057
Apr-23	4/16/2023	4,889	5,971	10,860	-	5,971	5,971	$ 1.425	$ 8,509
Apr-23	4/17/2023	5,686	6,662	12,348	-	6,662	6,662	$ 1.425	$ 9,493
Apr-23	4/18/2023	5,475	8,080	13,555	-	8,080	8,080	$ 2.115	$ 17,089
Apr-23	4/19/2023	5,973	8,120	14,093	-	8,120	8,120	$ 2.065	$ 16,768
Apr-23	4/20/2023	5,568	7,333	12,901	-	7,333	7,333	$ 2.010	$ 14,739
Apr-23	4/21/2023	5,730	7,082	12,812	-	7,082	7,082	$ 1.775	$ 12,571
Apr-23	4/22/2023	5,172	6,713	11,885	-	6,713	6,713	$ 1.770	$ 11,882
Apr-23	4/23/2023	5,573	7,187	12,760	-	7,187	7,187	$ 1.770	$ 12,721

Load Shape Price Factor Worksheet

Month	Date	Historic Delivery Service Loads			Delivery Service Loads Not Subject to Capacity Assignment			2022-2023 Cost Analysis	
		Capacity Assigned	Capacity Exempt	Total	Capacity Assigned	Capacity Exempt	Total	AGT City-Gate Price	AGT City-Gate Cost
Apr-23	4/24/2023	5,602	7,692	13,294	-	7,692	7,692	$ 1.770	$ 13,615
Apr-23	4/25/2023	5,698	8,169	13,867	-	8,169	8,169	$ 2.325	$ 18,993
Apr-23	4/26/2023	6,109	8,169	14,278	-	8,169	8,169	$ 2.325	$ 18,993
Apr-23	4/27/2023	5,485	7,898	13,383	-	7,898	7,898	$ 2.160	$ 17,060
Apr-23	4/28/2023	4,595	7,190	11,785	-	7,190	7,190	$ 1.720	$ 12,367
Apr-23	4/29/2023	5,059	6,585	11,644	-	6,585	6,585	$ 1.720	$ 11,326
Apr-23	4/30/2023	4,982	6,357	11,339	-	6,357	6,357	$ 1.720	$ 10,934
Winter Period		1,268,380	1,389,388	2,657,768	-	1,389,388	1,389,388	$ 6.391	$ 8,880,076

Weighted Average Daily Price	$ 6.391
Straight Average Daily Price	$ 6.204
Load Shape Price Factor	1.030

Month	Projected Delivery Service Loads			Delivery Service Loads Not Subject to Capacity Assignment		
	Capacity Assigned	Capacity Exempt	Total	Capacity Assigned	Capacity Exempt	Total
Nov-23	204,739	215,092	419,831	-	215,092	215,092
Dec-23	230,871	225,487	456,358	-	225,487	225,487
Jan-24	256,133	244,130	500,263	-	244,130	244,130
Feb-24	237,436	229,129	466,565	-	229,129	229,129
Mar-24	235,381	225,467	460,848	-	225,467	225,467
Apr-24	197,347	215,177	412,524	-	215,177	215,177
Winter	1,361,907	1,354,482	2,716,389	-	1,354,482	1,354,482

REDACTED

Estimated Delivered City-Gate Commodity Costs and Volumes
November 2023 through April 2024

Denotes Confidential Information

Rank	Supply Source	Delivered City-Gate Costs	Delivered City-Gate Volumes	Delivered Cost per Dth
1	Tennessee FS-MA Storage Path	[redacted]	384,490	[redacted]
2	Empress Proposed Pipeline Path	[redacted]	292,979	[redacted]
3	Union Dawn Storage Path	[redacted]	4,393,622	[redacted]
4	Tennessee Niagara Pipeline Path	[redacted]	322,826	[redacted]
5	Algonquin Receipts Pipeline Path	[redacted]	190,152	[redacted]
6	Tennessee Long-Haul Pipeline Path	[redacted]	1,213,649	[redacted]
7	Atlantic Bridge Ramapo Pipeline Path	[redacted]	1,041,040	[redacted]
8	Iroquois Receipts Pipeline Path	[redacted]	947,681	[redacted]
9	Peaking Contract 1	[redacted]	599,888	[redacted]
10	Lewiston LNG	[redacted]	10,920	[redacted]
	Total Delivered Commodity Cost	$49,212,770	9,397,248	$5.237

REDACTED

Estimated Delivered City-Gate Commodity Costs and Volumes
May 2024 through October 2024

Denotes Confidential Information

Rank	Supply Source	Delivered City-Gate Costs	Delivered City-Gate Volumes	Delivered Cost per Dth
1	TGP Zone 4 300 Leg Supply	[redacted]	209,998	[redacted]
2	Atlantic Bridge Ramapo Pipeline Path	[redacted]	717,025	[redacted]
3	Empress Proposed Pipeline Path	[redacted]	1,371,796	[redacted]
4	Tennessee Niagara Pipeline Path	[redacted]	51,464	[redacted]
5	Dawn Supply	[redacted]	83,633	[redacted]
6	Lewiston LNG	[redacted]	11,040	[redacted]
	Total Delivered Commodity Cost	$6,088,689	2,444,956	$2.490

Northern Utilities, Inc.
Normal Year Weather - Sales Load and Company-Managed Sales
Commodity Volumes by Supply Source (Dth)
November 2023 through October 2024

Description	Nov-23	Dec-23	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Winter
Pipeline Supplies													
Tennessee Long-Haul Pipeline Path	149,475	309,904	309,904	289,910	154,458	0	0	0	0	0	0	0	1,213,649
Algonquin Receipts Pipeline Path	37,530	38,781	38,781	36,279	38,781	0	0	0	0	0	0	0	190,152
Iroquois Receipts Pipeline Path	187,042	193,277	193,277	180,808	193,277	0	0	0	0	0	0	0	947,681
Tennessee Niagara Pipeline Path	53,213	54,987	54,987	51,439	54,987	53,213	21,455	0	0	0	1,716	28,293	322,826
Atlantic Bridge Ramapo Pipeline Path	171,600	177,320	177,320	165,880	177,320	171,600	177,320	171,600	0	19,185	171,600	177,320	1,041,040
Empress Proposed Pipeline Path	0	0	0	0	0	292,979	201,028	171,909	303,562	303,562	110,318	281,416	292,979
Subtotal Pipeline	598,860	774,269	774,269	724,316	618,822	517,792	399,803	343,509	303,562	322,747	283,635	487,028	4,008,328
Underground Storage													
Tennessee Storage	0	12,413	65,490	61,265	65,044	0	0	0	0	0	0	0	204,212
TGP Zone 4 300 Leg Supply	63,377	53,077	0	0	446	63,377	65,490	0	15,641	0	63,377	65,490	180,278
Tennessee FS-MA Storage Path	63,377	65,490	65,490	61,265	65,490	63,377	65,490	0	15,641	0	63,377	65,490	384,490
Union Dawn Storage	0	824,114	916,157	868,904	803,660	0	0	0	0	0	0	0	3,412,835
Dawn Supply	593,326	0	0	0	0	387,461	42,583	0	0	0	0	41,051	980,787
Union Dawn Storage Path	593,326	824,114	916,157	868,904	803,660	387,461	42,583	0	0	0	0	41,051	4,393,622
Subtotal Storage	656,704	889,604	981,647	930,169	869,150	450,839	108,073	0	15,641	0	63,377	106,541	4,778,112
Peaking Supplies													
Lewiston LNG	1,800	1,860	1,860	1,740	1,860	1,800	1,860	1,800	1,860	1,860	1,800	1,860	10,920
PNGTS Delivered (Dec - Feb)	0	0	0	0	0	0	0	0	0	0	0	0	0
Peaking Contract 1	0	89,707	285,716	131,938	92,527	0	0	0	0	0	0	0	599,888
Peaking Contract 2	0	0	0	0	0	0	0	0	0	0	0	0	0
Incremental Delivered Supplies	0	0	0	0	0	0	0	0	0	0	0	0	0
Subtotal Peaking	1,800	91,567	287,576	133,678	94,387	1,800	1,860	1,800	1,860	1,860	1,800	1,860	610,808
Total Delivered (Dth)	1,257,364	1,755,439	2,043,492	1,788,162	1,582,360	970,431	509,736	345,309	321,063	324,607	348,812	595,429	9,397,248

Northern Utilities, Inc.
Design Year Weather - Planning Load
Commodity Volumes by Supply Source (Dth)
November 2023 through October 2024

Description	Nov-23	Dec-23	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Winter
Pipeline Supplies													
Tennessee Long-Haul Pipeline Path	149,475	406,378	406,378	380,160	154,458	0	0	0	0	0	0	0	1,496,848
Algonquin Receipts Pipeline Path	37,530	38,781	38,781	36,279	38,781	0	0	0	0	0	0	0	190,152
Iroquois Receipts Pipeline Path	193,021	199,455	199,455	186,587	199,455	0	0	0	0	0	0	0	977,975
Tennessee Niagara Pipeline Path	69,805	72,132	72,132	67,478	72,132	69,805	37,218	0	0	0	4,892	60,500	423,483
Atlantic Bridge Ramapo Pipeline Path	225,000	232,500	232,500	217,500	232,500	225,000	232,500	225,000	0	52,783	225,000	232,500	1,365,000
Empress Proposed Pipeline Path	0	0	0	0	0	384,161	293,153	278,199	398,059	398,059	209,173	394,489	384,161
Subtotal Pipeline	674,831	949,246	949,246	888,004	697,326	678,966	562,871	503,199	398,059	450,842	439,065	687,489	4,837,618
Underground Storage													
Tennessee Storage	0	15,496	81,955	76,668	81,390	0	0	0	0	0	0	0	255,509
TGP Zone 4 300 Leg Supply	79,311	66,459	0	0	565	79,311	81,955	87	47,668	0	79,311	81,955	225,647
Tennessee FS-MA Storage Path	79,311	81,955	81,955	76,668	81,955	79,311	81,955	87	47,668	0	79,311	81,955	481,156
Union Dawn Storage	0	1,369,533	1,580,214	1,519,808	1,282,612	0	0	0	0	0	0	0	5,752,167
Dawn Supply	938,366	18,736	0	0	0	469,068	99,745	0	0	0	5,898	145,879	1,426,169
Union Dawn Storage Path	938,366	1,388,269	1,580,214	1,519,808	1,282,612	469,068	99,745	0	0	0	5,898	145,879	7,178,337
Subtotal Storage	1,017,677	1,470,224	1,662,169	1,596,476	1,364,567	548,380	181,700	87	47,668	0	85,209	227,834	7,659,493
Peaking Supplies													
Lewiston LNG	1,800	1,860	11,545	1,740	1,860	1,800	1,860	1,800	1,860	1,860	1,800	1,860	20,605
PNGTS Delivered (Dec - Feb)	0	0	0	0	0	0	0	0	0	0	0	0	0
Peaking Contract 1	0	52,098	232,997	138,118	176,675	0	0	0	0	0	0	0	599,889
Peaking Contract 2	0	0	569	0	0	0	0	0	0	0	0	0	569
Incremental Delivered Supplies	0	0	0	0	0	0	0	0	0	0	0	0	0
Subtotal Peaking	1,800	53,958	245,111	139,858	178,535	1,800	1,860	1,800	1,860	1,860	1,800	1,860	621,063
Total Delivered (Dth)	1,694,308	2,473,428	2,856,526	2,624,338	2,240,428	1,229,146	746,432	505,086	447,587	452,702	526,074	917,183	13,118,174

Northern Utilities, Inc.
Normal Year Weather - Sales Load and Company-Managed Sales
Capacity Utilization by Supply Source
November 2023 through October 2024

Description	Winter Projected Volume (Dth)	Winter Maximum Volume (Dth)	Winter Capacity Utilization	Summer Projected Volume (Dth)	Summer Maximum Volume (Dth)	Summer Capacity Utilization	Annual Projected Volume (Dth)	Annual Maximum Volume (Dth)	Annual Capacity Utilization
Pipeline Supplies									
Tennessee Long-Haul Pipeline Path	1,213,649	1,819,434	67%	0	1,839,427	0%	1,213,649	3,658,861	33%
Algonquin Receipts Pipeline Path	190,152	227,682	84%	0	230,184	0%	190,152	457,866	42%
Iroquois Receipts Pipeline Path	947,681	1,134,724	84%	0	1,147,193	0%	947,681	2,281,917	42%
Tennessee Niagara Pipeline Path	322,826	322,826	100%	51,464	326,374	16%	374,290	649,200	58%
Atlantic Bridge Ramapo Pipeline Path	1,041,040	1,041,040	100%	717,025	1,052,480	68%	1,758,065	2,093,520	84%
Empress Proposed Pipeline Path	292,979	284,989	103%	1,371,796	1,747,933	78%	1,664,775	2,032,922	82%
Subtotal Pipeline	4,008,328	4,830,695	83%	2,140,285	6,343,591	34%	6,148,613	11,174,286	55%
Underground Storage									
Tennessee Storage	204,212			0			204,212		
TGP Zone 4 300 Leg Supply	180,278			209,998			390,276		
Tennessee FS-MA Storage Path	384,490	384,490	100%	209,998	388,715	54%	594,488	773,204	77%
Union Dawn Storage	3,412,835			0			3,412,835		
Dawn Supply	980,787			83,633			1,064,420		
Union Dawn Storage Path	4,393,622	8,697,444	51%	83,633	8,793,020	1%	4,477,256	17,490,464	26%
Subtotal Storage	4,778,112	9,081,934	53%	293,631	9,181,735	3%	5,071,743	18,263,669	28%
Peaking Supplies									
Lewiston LNG	10,920	62,160	18%	11,040	11,040	100%	21,960	73,200	30%
PNGTS Delivered (Dec - Feb)	0	0		0	0		0	0	
Peaking Contract 1	599,888	597,900	100%	0	0		599,888	597,900	
Peaking Contract 2	0	0		0	0		0	0	
Subtotal Peaking	610,808	660,060	93%	11,040	11,040	100%	621,848	671,100	93%
Portfolio Utilization	9,397,248	14,572,688	64%	2,444,956	15,536,366	16%	11,842,204	30,109,054	39%
Incremental Delivered Supplies	0	N/A		0	N/A		0	N/A	
Total Delivered	9,397,248	N/A		2,444,956	N/A		11,842,204	N/A	

Northern Utilities, Inc.
Design Year Weather - Planning Load
Capacity Utilization by Supply Source
November 2023 through October 2024

Description	Winter Projected Volume (Dth)	Winter Maximum Volume (Dth)	Winter Capacity Utilization	Summer Projected Volume (Dth)	Summer Maximum Volume (Dth)	Summer Capacity Utilization	Annual Projected Volume (Dth)	Annual Maximum Volume (Dth)	Annual Capacity Utilization
Pipeline Supplies									
Tennessee Long-Haul Pipeline Path	1,496,848	2,385,830	63%	0	2,412,048	0%	1,496,848	4,797,878	31%
Algonquin Receipts Pipeline Path	190,152	227,682	84%	0	230,184	0%	190,152	457,866	42%
Iroquois Receipts Pipeline Path	977,975	1,170,996	84%	0	1,183,864	0%	977,975	2,354,861	42%
Tennessee Niagara Pipeline Path	423,483	423,483	100%	102,610	428,136	24%	526,093	851,619	62%
Atlantic Bridge Ramapo Pipeline Path	1,365,000	1,365,000	100%	967,783	1,380,000	70%	2,332,783	2,745,000	85%
Empress Proposed Pipeline Path	384,161	373,688	103%	1,971,133	2,291,950	86%	2,355,294	2,665,638	88%
Subtotal Pipeline	4,837,618	5,946,679	81%	3,041,526	7,926,183	38%	7,879,144	13,872,862	57%
Underground Storage									
Tennessee Storage	255,509			0			255,509		
TGP Zone 4 300 Leg Supply	225,647			290,977			516,624		
Tennessee FS-MA Storage Path	481,156	481,156	100%	290,977	486,443	60%	772,133	967,600	80%
Union Dawn Storage	5,752,167			0			5,752,167		
Dawn Supply	1,426,169			251,521			1,677,691		
Union Dawn Storage Path	7,178,337	10,882,324	66%	251,521	11,001,910	2%	7,429,858	21,884,234	34%
Subtotal Storage	7,659,493	11,363,480	67%	542,498	11,488,354	5%	8,201,991	22,851,834	36%
Peaking Supplies									
Lewiston LNG	20,605	62,160	33%	11,040	11,040	100%	31,645	73,200	43%
PNGTS Delivered (Dec - Feb)	0	0		0	0		0	0	
Peaking Contract 1	599,889	597,900	100%	0	0		599,889	597,900	
Peaking Contract 2	569	569	100%	0	0		569	569	
Subtotal Peaking	621,063	660,629	94%	11,040	11,040	100%	632,103	671,669	94%
Portfolio Utilization	13,118,174	17,970,788	73%	3,595,064	19,425,576	19%	16,713,238	37,396,364	45%
Incremental Delivered Supplies	0	N/A		0	N/A		0	N/A	
Total Delivered	13,118,174	N/A		3,595,064	N/A		16,713,238	N/A	

Northern Utilities Inc.
Forecast of Upcoming Winter Period Design Day Report
2023 / 2024 Winter Period
(Therms)

Demand	
NH Firm Sales	460,040
NH Non-Capacity Exempt Transportation	145,450
NH Capacity Exempt Transportation	97,080
NH Interruptible Sales	0
NH Interruptible Transportation	0
NH Design Day Demand	702,560
ME Firm Sales	687,700
ME Non-Capacity Exempt Transportation	156,430
ME Capacity Exempt Transportation	102,130
ME Interruptible Sales	0
ME Interruptible Transportation	0
ME Design Day Demand	946,250
Total Firm Sales	1,147,740
Total Non-Capacity Exempt Transportation	301,880
Total Capacity Exempt Transportation	199,210
Total Interruptible Sales	0
Total Interruptible Transportation	0
Total Design Day Demand	1,648,830
Supplies	
Capacity Exempt Transportation	199,210
Additional Supplies Required for Non-Capacity Exempt Transport	118,900
Pipeline	306,210
Storage	624,370
On-System LNG	65,000
Off-System Peaking Contracts & Delivered Baseload	398,600
Additional Granite Capacity	34,260
Total	1,746,550
Effective Degree Day	
New Hampshire	80.1
Maine	78.7
Probability	1 in 30

Report Prepared By	Francis X. Wells
Title	Manager, Energy Planning
Signature	

Northern Utilities Inc.
New Hampshire 7 Day Cold Snap Analysis
Winter 2023-2024

Coldest 7 Consecutive Days
Based on historic Portsmouth weather data

Date	EDD
February 11, 1979	68
February 12, 1979	60
February 13, 1979	73
February 14, 1979	73
February 15, 1979	64
February 16, 1979	69
February 17, 1979	72
Total	479

Maximum Projected Design Week Demand (Dth)

Daily Baseload	6,940
Weekly Baseload	48,583
Heating Increment*	604
Effective Degree Days	479
Total Heat Load	289,429
Projected Cold Snap Demand	338,012

New Hampshire Allocation **40.06%**
Based on the latest demand cost allocator in the Winter COG filing.

Maximum Supply Capability (Dth)

Amount to be Supplied by Natural Gas Pipelines	
Tennessee Zone 0 and Zone L Pools	13,109
Tennessee Niagara	2,327
Iroquois Receipts	6,434
Leidy Hub Supply (Texas Eastern, Algonquin)	965
Transco Zone 6, non-NY Supply (Algonquin)	286
Atlantic Bridge Ramapo	7,500
Tennessee Firm Storage	2,644
Union Dawn Storage	59,793
Peaking Contract 1	29,895
Peaking Contract 2	9,965
Total Daily Pipeline	132,918
Pipeline for 7 days	930,426
New Hampshire Allocation	372,729

Available LNG Storage

Facility	Gallons	Dth
Lewiston LNG	145,134	12,140
Total	145,134	12,140
New Hampshire Allocation - 7 Days		4,863

LNG Delivery Contract

Northern Utilities plans to secure a contract for LNG Delivery for up to three loads of LNG per day.

The storage credit for LNG is calculated as follows:

Number of Days	7
Number of Loads	3
Delivery Reliability	70%
Assumed Number of LNG Deliveries	15
Dth Per Load	900
Total Storage Credit	13,230
NH Storage Credit - 7 Days	5,300

Summary	
Maximum projected design week demand	338,012
Amount to be furnished by natural gas pipeline	372,729
Remaining Balance	-34,717
Storage available	4,863
Credit from LNG delivery supply contract	5,300
Total available storage and LNG deliveries	10,163
Net Surplus/(Deficiency)	**44,880**

Report Prepared By Francis X. Wells
Title Manager, Energy Planning
Signature

Northern Utilities, Inc.
New Hampshire Division
Migration to Transportation Only Service by Rate Class
November 2023 through October 2024

C&I Rate Class	Annual Sales Service Deliveries (Dth)	Percentage of Sales Service Total by Rate Class	Sales Service Percentage by Rate Class
G40	892,796	42%	84%
G50	139,554	7%	80%
G41	597,290	28%	43%
G51	214,887	10%	43%
G42	189,700	9%	37%
G52	79,674	4%	4%
Special Contracts	-	0%	0%
Total C&I	2,113,901	100%	32%

C&I Rate Class	Annual Transport-Only Deliveries (Dth)	Percentage of Transport Only Total by Rate Class	Transportation Service Percentage by Rate Class
G40	171,278	4%	16%
G50	35,654	1%	20%
G41	777,083	17%	57%
G51	287,066	6%	57%
G42	323,201	7%	63%
G52	1,742,448	39%	96%
Special Contracts	1,178,205	26%	100%
Total C&I	4,514,935	100%	68%

C&I Rate Class	Annual Total Deliveries (Dth)	Percentage of Total by Rate Class
G40	1,064,075	16%
G50	175,208	3%
G41	1,374,373	21%
G51	501,953	8%
G42	512,900	8%
G52	1,822,122	27%
Special Contracts	1,178,205	18%
Total C&I	6,628,836	100%

NORTHERN UTILITIES, INC.- NEW HAMPSHIRE DIVISION
Gas Assistance Program (GAP)

			Distribution		
1	**Peak Period**	**Customer Charge**	**Therms**	**Cost of Gas**	**Total**
2	R-10 Base Rates	$22.20	$0.9693	$0.7282	
3	R-10 Rate Discounted 45%	$12.21	$0.5331	$0.4005	
4	Program Subsidy	$9.99	$0.4362	$0.3277	
5	Average Winter Therms		488	488	
6					
7	Peak Period Subsidy	$59.94	$212.77	$159.85	$432.56
8					
9					
10	Number of Estimated 2023/2024 Participants (1)				810
11					
12	Annual Subsidy times Number of Participants (Ln 7 * Ln 10)				$350,372
13	Prior Year Ending Balance 10/31/2023 - GAP Page 2				$96,414
14	Estimated Annual Administrative Costs				$0
15	Total Program Costs				$446,786
16					
17	Estimated weather normalized firm therms billed for				
18	the twelve months ended 10/31/24 sales and transportation				73,413,874
19	(Attachment NUI-FXW-2, Page 2 of 4, "Total Division"				
20	minus "Special Contracts").				
21	**Total Gas Assistance Program Rate**				**$0.0061**

(1) Based on actual prior winter period participation.

NORTHERN UTILITIES, INC., NEW HAMPSHIRE DIVISION
NOVEMBER 2022 THROUGH OCTOBER 2023
GAS ASSISTANCE PROGRAM (GAP) RECONCILIATION

		Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Estimate	Estimate	Estimate	
1	**FOR THE MONTH OF:**	**Nov-22**	**Dec-22**	**Jan-23**	**Feb-23**	**Mar-23**	**Apr-23**	**May-23**	**Jun-23**	**Jul-23**	**Aug-23**	**Sep-23**	**Oct-23**	**Total**
2	**DAYS IN MONTH**	30	31	31	28	31	30	31	30	31	31	30	31	365
3														**Average**
4	GAPRA Participant Count	639	695	754	768	829	879	960	890	879	810	810	810	810
5														**Total**
6	Beginning Balance	($101,130)	($103,548)	($80,392)	($41,057)	($1,485)	$67,100	$113,492	$145,942	$136,369	$127,166	$118,181	$108,576	($101,130)
7														
8	Add: Actual Costs	$15,833	$53,614	$78,188	$78,495	$104,092	$70,089	$48,482	$1,072	($203)	$0	$0	$0	$449,662
9														
10	Less: Collected Revenue	$17,783	$30,038	$38,499	$38,800	$35,698	$24,278	$16,867	$11,553	$9,903	$9,826	$10,382	$12,864	($256,491)
11														
12	Add: Administrative and Start Up Costs	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
13														
14	Ending Balance Pre-Interest	($103,080)	($79,972)	($40,704)	($1,361)	$66,909	$112,911	$145,107	$135,461	$126,263	$117,341	$107,799	$95,712	
15														
16	Month's Average Balance	($102,105)	($91,760)	($60,548)	($21,209)	$32,712	$90,005	$129,300	$140,702	$131,316	$122,253	$112,990	$102,144	
17														
18	Interest Rate	5.50%	5.50%	7.00%	7.00%	7.00%	7.75%	7.75%	7.75%	8.25%	8.25%	8.25%	8.25%	
19														
20	Interest Applied	($468)	($421)	($353)	($124)	$191	$581	$835	$909	$903	$840	$777	$702	
21														
22	Ending Balance	($103,548)	($80,392)	($41,057)	($1,485)	$67,100	$113,492	$145,942	$136,369	$127,166	$118,181	$108,576	**$96,414**	

() Over Collection

CALCULATION OF ENVIRONMENTAL RESPONSE COST RATE

November 1, 2023 through October 31, 2024

Total ERC Costs for the Period	$116,901	(See 2023 ERC Invoice Filing, Schedule 1)
Less Current (Over)/Under Collection (Estimated)	$51,408	(See page 2 of 2)
Total ERC Cost to be Recovered	$168,309	
Forecasted Firm Sales & Firm Transportation Volumes (Attachment NUI-FXW-2, Page 2 of 4, "Total Division" subtract "Special Contracts").	73,413,874	
ERC Recovery Rate	**$0.0023**	

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

Month	Actual or Forecast	Beginning Balance (Over)/Under	Revenue	Prior Period ERC Costs To be recovered	Ending Balance (Over)/Under
November-'22	Actual	$30,625	$28,483	$423,485	$425,627
December	Actual	$425,627	$47,084		$378,542
January- '23	Actual	$378,542	$60,350		$318,193
February	Actual	$318,193	$60,821		$257,371
March	Actual	$257,371	$55,956		$201,415
April	Actual	$201,415	$38,059		$163,356
May	Actual	$163,356	$26,458		$136,898
June	Actual	$136,898	$18,124		$118,775
July	Actual	$118,775	$15,524		$103,251
August	Est.	$103,251	$15,402		$87,848
September	Est.	$87,848	$16,275		$71,573
October	Est.	$71,573	$20,166		$51,408

Northern Utilities, Inc.
New Hampshire Division
Annual 2023/2024 COG/LDAC Filing
Attachment SED-1 RPC
Page 1 of 4

NORTHERN UTILITIES, INC.
RECONCILIATION OF PERMANENT CHANGES IN DELIVERY RATES ("RPC")
NOVEMBER 1, 2023 THROUGH OCTOBER 31, 2024

Line #	Description	Amount	Reference
	Residential		
1	RPC Balance to be Recovered	$508,353	Page 2, Line 9
2	Forecasted Firm Sales & Firm Transportation Volumes (therms) (1)	18,907,563	
3	**RPC Rate ($/therm)**	**$0.0269**	Line 1/Line 2
	General Service		
1	RPC Balance to be Recovered	$57,393	Page 2, Line 18
2	Forecasted Firm Sales & Firm Transportation Volumes (therms) (1)	54,506,311	
3	**RPC Rate ($/therm)**	**$0.0011**	Line 1/Line 2

(1) November 2023 - October 2024 Forecasted Sales from Company Forecast.

Northern Utilities, Inc.
Reconciliation of Recoupment of Permanent Changes in Delivery Rates (RPC)

			Act Nov-22	Act Dec-22	Act Jan-23	Act Feb-23	Act Mar-23	Act Apr-23	Act May-23	Act Jun-23	Act Jul-23	Est Aug-23	Est Sep-23	Est Oct-23	TOTAL
	RESIDENTIAL														
1	Beginning Balance	$	2,467,265	$ 2,408,406	$ 2,144,949	$ 1,777,279	$ 1,406,299	$ 1,068,894	$ 856,866	$ 738,360	$ 675,818	$ 630,218	$ 599,832	$ 569,629	
2															
3	Monthly Recoupment Amount	$	58,859	$ 263,457	$ 367,671	$ 370,980	$ 337,405	$ 212,028	$ 118,506	$ 62,542	$ 45,600	$ 30,386	$ 30,203	$ 61,276	$1,958,912
4															
5	Residential RPC Revenue	$	58,859	$ 263,457	$ 367,671	$ 370,980	$ 337,405	$ 212,028	$ 118,506	$ 62,542	$ 45,600	$ 30,386	$ 30,203	$ 61,276	$1,958,912
6															
7	(Over)/Under Collection														
8	Beginning Balance	$	2,467,265	$ 2,408,406	$ 2,144,949	$ 1,777,279	$ 1,406,299	$ 1,068,894	$ 856,866	$ 738,360	$ 675,818	$ 630,218	$ 599,832	$ 569,629	
9	Ending Balance	$	2,408,406	$ 2,144,949	$ 1,777,279	$ 1,406,299	$ 1,068,894	$ 856,866	$ 738,360	$ 675,818	$ 630,218	$ 599,832	$ 569,629	$ 508,353	
	GENERAL SERVICE														
10	Beginning Balance	$	580,888	$ 549,978	$ 490,046	$ 415,761	$ 340,930	$ 271,748	$ 223,235	$ 186,919	$ 160,698	$ 137,588	$ 113,275	$ 87,423	
11															
12	Monthly Recoupment Amount	$	30,910	$ 59,931	$ 74,286	$ 74,830	$ 69,182	$ 48,513	$ 36,316	$ 26,220	$ 23,110	$ 24,314	$ 25,851	$ 30,031	$ 523,496
13															
14	General Service RPC Revenue	$	30,910	$ 59,931	$ 74,286	$ 74,830	$ 69,182	$ 48,513	$ 36,316	$ 26,220	$ 23,110	$ 24,314	$ 25,851	$ 30,031	$ 523,496
15															
16	(Over)/Under Collection														
17	Beginning Balance	$	580,888	$ 549,978	$ 490,046	$ 415,761	$ 340,930	$ 271,748	$ 223,235	$ 186,919	$ 160,698	$ 137,588	$ 113,275	$ 87,423	
18	Ending Balance	$	549,978	$ 490,046	$ 415,761	$ 340,930	$ 271,748	$ 223,235	$ 186,919	$ 160,698	$ 137,588	$ 113,275	$ 87,423	$ 57,393	

	Calculation of Recoupment	Actual	Actual Nov Summer	Actual Winter	Dec	Actual Jan-22	Actual Feb	Actual Mar	Actual Apr	Actual May Winter	Actual Summer	Actual Jun	Actual Jul	Actual Aug(2)	Total
		Oct-2021(1)													
1	**Revenue Drivers:**														
2	**Customer Units**														
3	R6 - Non Heat	723	771	535	1,256	1,252	1,251	1,254	1,256	675	614	1,304	1,324	716	**995**
4	R5 - Heat	15,671	14,767	12,152	26,513	26,917	26,944	27,324	26,875	12,927	13,947	26,968	27,001	13,457	**20,882**
5	R10 - Low Income Heat	345	191	139	854	653	683	820	802	445	409	605	589	296	**525**
6	G/T 40	3,011	2,835	2,343	5,293	5,317	5,319	4,861	5,310	2,509	2,740	5,125	5,057	2,574	**4,023**
7	G/T 50	517	463	384	835	834	852	833	838	406	441	860	860	447	**659**
8	G/T 41	416	361	318	681	685	687	687	686	314	370	684	674	338	**531**
9	G/T 51	155	152	116	271	271	272	273	271	134	138	271	270	141	**210**
10	G/T 42	26	6	24	30	30	30	30	30	5	25	29	30	24	**25**
11	G/T 52	33	1	33	34	34	34	34	34	1	33	34	34	32	**29**
12	**Total**	20,897	19,546	16,045	35,767	35,993	36,071	36,116	36,102	17,417	18,716	35,881	35,839	18,025	**27,878**
13															
14															
15	**Therms - Total Delivery**														
16	R6	5,609	9,058	7,290	26,265	34,511	36,498	30,291	21,388	9,186	8,302	12,720	11,778	5,543	**218,439**
17	R5	220,001	574,781	562,517	2,347,625	3,263,987	3,490,959	2,829,203	1,688,252	537,385	491,814	465,277	341,995	145,976	**16,959,772**
18	R10	4,530	6,826	6,142	59,609	71,247	77,445	78,980	51,715	24,469	14,055	9,422	6,625	3,223	**414,287**
19	G/T 40	100,617	267,122	321,639	1,397,303	2,062,286	2,249,905	1,743,080	999,954	270,917	265,847	185,874	122,107	50,914	**10,037,565**
20	G/T 50	66,057	67,644	60,862	157,058	182,207	190,295	176,747	148,661	66,126	70,715	143,438	132,298	67,858	**1,529,966**
21	G/T 41	240,807	430,013	574,560	1,915,083	2,633,049	2,730,162	2,209,371	1,392,115	434,846	448,225	371,266	255,184	100,062	**13,734,744**
22	G/T 51	179,768	202,653	180,904	515,477	583,845	597,751	545,108	451,755	193,281	210,340	343,951	327,838	149,488	**4,482,160**
23	G/T 42	266,959	45,680	472,273	677,578	874,732	737,210	629,929	426,190	40,537	232,019	165,611	139,790	20,321	**4,728,828**
24	G/T 52	1,430,461	17,609	1,595,557	1,607,878	1,690,403	1,480,721	1,593,526	1,469,082	15,226	1,356,949	1,267,173	1,192,822	10,242	**14,727,650**
25	**Total**	2,514,808	1,621,385	3,781,742	8,703,877	11,396,266	11,590,947	9,836,235	6,649,114	1,591,973	3,098,267	2,964,731	2,530,437	553,627	**66,833,410**
26															
27															
28															
29	**Permanent Rates Effective August 1, 2022**														
30	**Dist Cust Charge**														
31	R6	$ 22.20	$ 22.20	$ 22.20	$ 22.20	$ 22.20	$ 22.20	$ 22.20	$ 22.20	$ 22.20	$ 22.20	$ 22.20	$ 22.20	$ 22.20	
32	R5	22.20	22.20	22.20	22.20	22.20	22.20	22.20	22.20	22.20	22.20	22.20	22.20	22.20	
33	R10	22.20	22.20	22.20	22.20	22.20	22.20	22.20	22.20	22.20	22.20	22.20	22.20	22.20	
34	G/T 40	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	
35	G/T 50	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	
36	G/T 41	225.00	225.00	225.00	225.00	225.00	225.00	225.00	225.00	225.00	225.00	225.00	225.00	225.00	
37	G/T 51	225.00	225.00	225.00	225.00	225.00	225.00	225.00	225.00	225.00	225.00	225.00	225.00	225.00	
38	G/T 42	1,350.00	1,350.00	1,350.00	1,350.00	1,350.00	1,350.00	1,350.00	1,350.00	1,350.00	1,350.00	1,350.00	1,350.00	1,350.00	
39	G/T 52	1,350.00	1,350.00	1,350.00	1,350.00	1,350.00	1,350.00	1,350.00	1,350.00	1,350.00	1,350.00	1,350.00	1,350.00	1,350.00	
40															
41	**Dist Rate - All therms**														
42	R6	1.3081	1.3081	1.3081	1.3081	1.3081	1.3081	1.3081	1.3081	1.3081	1.3081	1.3081	1.3081	1.3081	
43	R5	0.8841	0.8841	0.8841	0.8841	0.8841	0.8841	0.8841	0.8841	0.8841	0.8841	0.8841	0.8841	0.8841	
44	R10	0.8841	0.8841	0.8841	0.8841	0.8841	0.8841	0.8841	0.8841	0.8841	0.8841	0.8841	0.8841	0.8841	
45	G/T 40	0.2320	0.2320	0.2320	0.2320	0.2320	0.2320	0.2320	0.2320	0.2320	0.2320	0.2320	0.2320	0.2320	
46	G/T 50	0.2085	0.2085	0.2085	0.2085	0.2085	0.2085	0.2085	0.2085	0.2085	0.2085	0.2085	0.2085	0.2085	
47	G/T 41	0.2744	0.2744	0.2744	0.2744	0.2744	0.2744	0.2744	0.2744	0.2744	0.2744	0.2744	0.2744	0.2744	
48	G/T 51	0.1656	0.1656	0.1656	0.1656	0.1656	0.1656	0.1656	0.1656	0.1656	0.1656	0.1656	0.1656	0.1656	
49	G/T 42	0.2083	0.2083	0.2083	0.2083	0.2083	0.2083	0.2083	0.2083	0.2083	0.2083	0.2083	0.2083	0.2083	
50	G/T 52	0.1050	0.1050	0.1720	0.1720	0.1720	0.1720	0.1720	0.1720	0.1720	0.1050	0.1050	0.1050	0.1050	
51															

Calculation of Recoupment	Actual Oct-2021(1)	Actual Nov Summer	Actual Winter	Dec	Actual Jan-22	Actual Feb	Actual Mar	Actual Apr	Actual May Winter	Actual Summer	Actual Jun	Actual Jul	Actual Aug(2)	Total
Revenue (Units x Permanent Rates):														
Dist Cust Chg Revenue														
R6	16,055	$ 17,116	$ 11,879	$ 27,889	$ 27,786	$ 27,769	$ 27,840	$ 27,885	$ 14,990	$ 13,629	$ 28,950	$ 29,400	$ 15,903	**$ 287,090**
R5	347,897	327,833	269,782	588,598	597,567	598,149	606,587	596,623	286,987	309,628	598,696	599,419	298,738	**6,026,504**
R10	7,652	4,233	3,087	18,959	14,487	15,161	18,208	17,804	9,870	9,073	13,440	13,071	6,575	**151,620**
G/T 40	240,897	226,774	187,475	423,406	425,397	425,517	388,867	424,763	200,735	219,169	410,027	404,561	205,903	**4,183,491**
G/T 50	41,396	37,058	30,715	66,776	66,688	68,128	66,632	67,061	32,494	35,267	68,781	68,811	35,781	**685,589**
G/T 41	93,549	81,115	71,480	153,218	154,192	154,545	154,658	154,395	70,742	83,293	153,930	151,547	75,984	**1,552,648**
G/T 51	34,866	34,233	26,187	61,035	60,975	61,253	61,343	60,975	30,085	30,947	60,908	60,825	31,623	**615,254**
G/T 42	35,443	8,130	32,370	40,500	40,500	40,500	40,545	40,500	6,938	33,562	39,420	40,508	33,005	**431,921**
G/T 52	43,937	1,249	44,651	45,900	45,900	45,900	45,900	45,900	1,055	44,845	45,900	45,914	43,355	**500,406**
Total	$ 861,691	$ 737,741	$ 677,625	$ 1,426,281	$ 1,433,493	$ 1,436,921	$ 1,410,580	$ 1,435,906	$ 653,897	$ 779,413	$ 1,420,051	$ 1,414,057	$ 746,867	**$ 14,434,523**
Dist Therms Revenue														
R6	$ 7,337	$ 11,849	$ 9,536	$ 34,357	$ 45,143	$ 47,743	$ 39,624	$ 27,978	$ 12,016	$ 10,860	$ 16,639	$ 15,407	$ 7,251	**$ 285,739**
R5	194,503	508,163	497,322	2,075,536	2,885,691	3,086,357	2,501,298	1,492,584	475,102	434,812	411,351	302,357	129,057	**14,994,134**
R10	4,005	6,035	5,430	52,700	62,990	68,469	69,826	45,721	21,633	12,426	8,330	5,857	2,849	**366,271**
G/T 40	23,343	61,972	74,620	324,174	478,450	521,978	404,395	231,989	62,853	61,677	43,123	28,329	11,812	**2,328,715**
G/T 50	13,773	14,104	12,690	32,747	37,990	39,677	36,852	30,996	13,787	14,744	29,907	27,584	14,148	**318,998**
G/T 41	66,078	117,996	157,659	525,499	722,509	749,156	606,251	381,996	119,322	122,993	101,875	70,023	27,457	**3,768,814**
G/T 51	29,770	33,559	29,958	85,363	96,685	98,988	90,270	74,811	32,007	34,832	56,958	54,290	24,755	**742,246**
G/T 42	55,608	9,515	98,374	141,139	182,207	153,561	131,214	88,775	8,444	48,330	34,497	29,118	4,233	**985,015**
G/T 52	150,198	1,849	274,436	276,555	290,749	254,684	274,086	252,682	2,619	142,480	133,053	125,246	1,075	**2,179,714**
Total	$ 544,614	$ 765,042	$ 1,160,024	$ 3,548,070	$ 4,802,413	$ 5,020,613	$ 4,153,817	$ 2,627,533	$ 747,783	$ 883,154	$ 835,733	$ 658,211	$ 222,639	**$ 25,969,646**
Revenue - Total Distribution (Cust+Therm)														
R6	$ 23,392	$ 28,965	$ 21,414	$ 62,246	$ 72,930	$ 75,511	$ 67,464	$ 55,863	$ 27,006	$ 24,489	$ 45,588	$ 44,807	$ 23,154	**$ 572,829**
R5	542,399	835,997	767,103	2,664,134	3,483,258	3,684,506	3,107,885	2,089,207	762,089	744,441	1,010,048	901,776	427,796	**21,020,638**
R10	11,657	10,267	8,517	71,659	77,477	83,630	88,035	63,526	31,503	21,499	21,769	18,928	9,425	**517,891**
G/T 40	264,240	288,746	262,095	747,580	903,848	947,495	793,261	656,752	263,588	280,846	453,149	432,889	217,715	**6,512,206**
G/T 50	55,169	51,162	43,405	99,523	104,678	107,804	103,484	98,057	46,281	50,011	98,688	96,395	49,929	**1,004,587**
G/T 41	159,627	199,111	229,139	678,717	876,701	903,701	760,909	536,391	190,064	206,286	255,805	221,570	103,441	**5,321,462**
G/T 51	64,635	67,792	56,145	146,398	157,660	160,240	151,613	135,786	62,092	65,779	117,866	115,115	56,379	**1,357,500**
G/T 42	91,051	17,645	130,745	181,639	222,707	194,061	171,759	129,275	15,382	81,891	73,917	69,627	37,237	**1,416,936**
G/T 52	194,135	3,098	319,086	322,455	336,649	300,584	319,986	298,582	3,674	187,325	178,953	171,161	44,430	**2,680,120**
Total Permanent Base Distribution Revenue	$ 1,406,305	$ 1,502,783	$ 1,837,649	$ 4,974,351	$ 6,235,907	$ 6,457,534	$ 5,564,397	$ 4,063,439	$ 1,401,680	$ 1,662,566	$ 2,255,784	$ 2,072,268	$ 969,506	**$ 40,404,168**
Actual Revenue														
R6	$ 20,068	$ 23,593	$ 17,093	$ 46,674	$ 52,469	$ 53,873	$ 49,506	$ 43,182	$ 21,560	$ 19,567	$ 38,047	$ 37,824	$ 19,867	**$ 443,323**
R5	497,103	717,612	697,454	2,373,957	3,079,305	3,252,446	2,757,384	1,880,288	695,561	643,166	914,680	831,473	397,775	**18,738,204**
R10	10,724	8,862	7,756	63,903	68,627	74,022	78,204	57,102	28,474	18,604	19,830	17,564	8,894	**462,566**
G/T 40	247,140	268,687	243,191	689,474	830,328	869,657	729,381	607,700	245,090	261,284	423,714	405,255	203,908	**6,024,810**
G/T 50	52,661	48,922	41,551	95,505	100,679	103,712	99,484	94,018	44,321	47,883	94,543	92,241	47,768	**963,286**
G/T 41	143,690	171,421	222,988	659,090	850,333	876,417	738,519	521,562	185,235	177,443	231,024	204,092	96,400	**5,078,215**
G/T 51	60,888	63,641	58,969	153,535	165,116	167,752	159,119	142,672	65,322	61,229	110,985	108,642	53,493	**1,371,363**
G/T 42	73,874	14,581	136,355	189,751	233,303	202,924	179,270	133,418	15,820	66,411	62,705	60,315	35,566	**1,404,292**
G/T 52	193,035	3,027	354,517	358,150	374,201	333,418	355,358	326,775	4,005	182,376	174,289	166,865	43,941	**2,869,956**
Total Actual Revenue	$ 1,299,183	$ 1,320,346	$ 1,779,874	$ 4,630,038	$ 5,754,362	$ 5,934,221	$ 5,146,227	$ 3,806,717	$ 1,305,386	$ 1,477,963	$ 2,069,816	$ 1,924,271	$ 907,612	**$ 37,356,015**
Recoupment (Permanent Revenue - Actual Revenue)														
R6	$ 3,325	$ 5,372	$ 4,321	$ 15,572	$ 20,460	$ 21,638	$ 17,958	$ 12,681	$ 5,447	$ 4,922	$ 7,542	$ 6,983	$ 3,286	**$ 129,506**
R5	45,296	118,385	69,649	290,177	403,953	432,060	350,501	208,919	66,528	101,275	95,368	70,303	30,020	**2,282,435**
R10	932	1,406	760	7,756	8,850	9,608	9,830	6,424	3,029	2,894	1,940	1,364	531	**55,325**
Total Residential	49,553	125,162	74,731	313,506	433,262	463,306	378,289	228,024	75,004	109,091	104,850	78,650	33,838	**2,467,265**
G/T 40	17,100	20,059	18,904	58,106	73,519	77,838	63,880	49,052	18,498	19,561	29,435	27,634	13,807	**487,396**
G/T 50	2,508	2,239	1,855	4,018	4,000	4,093	4,000	4,039	1,961	2,128	4,145	4,155	2,161	**41,301**
G/T 41	15,936	27,690	6,151	19,627	26,368	27,285	22,390	14,830	4,830	28,843	24,781	17,477	7,041	**243,247**
G/T 51	3,748	4,152	(2,824)	(7,137)	(7,457)	(7,512)	(7,506)	(6,887)	(3,229)	4,550	6,881	6,474	2,886	**(13,863)**
G/T 42	17,176	3,064	(5,610)	(8,112)	(10,596)	(8,863)	(7,511)	(4,143)	(438)	15,480	11,212	9,312	1,672	**12,644**
G/T 52	1,100	71	(35,431)	(35,695)	(37,552)	(32,834)	(35,372)	(28,193)	(331)	4,949	4,664	4,296	490	**(189,836)**
Total Commercial & Industrial	57,568	57,275	(16,956)	30,808	48,283	60,007	39,880	28,698	21,290	75,513	81,119	69,348	28,057	**580,888**
Total Recoupment	$ 107,121	$ 182,437	$ 57,775	$ 344,313	$ 481,545	$ 523,313	$ 418,170	$ 256,722	$ 96,294	$ 184,604	$ 185,969	$ 147,997	$ 61,894	**$ 3,048,154**
	$ 2,467,265	**divided by Residential Forecast Therms November 2022 through October 2023**							**20,455,496**	**equals**	**$ 0.1206**			
	$ 580,888	**divided by C&I Forecast Therms November 2022 through October 2023**							**57,425,731**	**equals**	**$ 0.0101**			

(1) October has been adjusted to reflect rates going into affect October 1, 2021 and affecting bills rendered after October 1.
(2) Reflects amounts recorded in August related to July usage

Northern Utilities, Inc.
New Hampshire Division
Annual 2023/2024 COG/LDAC Filing
Attachment SED-1 PTAM

PROPERTY TAX ADJUSTMENT MECHANISM ("PTAM")
NOVEMBER 1, 2023 THROUGH OCTOBER 31, 2024

Line #	Description	Amount	Reference
1	Property Tax Expense for the Period	$117,831	Page 2, Line 3 Col. E
2	Prior Period Ending Balance	($11,759)	Page 2 Line 16 Col. M
3	Sub-total Expense to be Recovered	$106,072	
4	Excess ADIT (2018-2020) Flow Back (1)	($106,072)	See Note 1
5	Total Expense to be Recovered	$0	
6			
7	Forecasted Firm Sales & Firm Transportation Volumes (therms) (2)	73,413,874	
8			
9	**PTAM Rate ($/therm)**	**$0.0000**	

Notes:

(1) Per Docket DG 21-104 Settlement Agreement, Section 9.7: Excess Accumulated Deferred Income Tax from 2018-2020 in the amount of $515,202, shall be applied to offset the Company's property tax deferral balance to be recovered through the PTAM. Remaining balance will offset future PTAM recoveries.

2018-2020 Excess ADIT Balance	$515,202
Offset applied in Nov 22/Oct 23 2023 Annual Period	($406,801)
Remaining 2018-2020 Excess ADIT Balance	**$108,401**
Offset applied in Nov 23/Oct 24 Annual Period	**($106,072)**
Remaining 2018-2020 Excess ADIT Balance	**$2,329**

(2) Company forecast less Special Contracts (November 2023 to October 2024)

NORTHERN UTILITIES, INC., NEW HAMPSHIRE DIVISION
PROPERTY TAX ADJUSTMENT MECHANISM ("PTAM")
NOVEMBER 2022 THROUGH OCTOBER 2023 RECONCILIATION

Line #	Description	Actual Nov-22	Actual Dec-22	Actual Jan-23	Actual Feb-23	Actual Mar-23	Actual Apr-23	Actual May-23	Actual Jun-23	Actual Jul-23	Forecast Aug-23	Forecast Sep-23	Forecast Oct-23	Total
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)
1	Beginning Balance (Over)/Under Collection	$8,104	($10,954)	($11,005)	($11,084)	($11,162)	($11,228)	($11,300)	($11,351)	($11,421)	($11,518)	($11,599)	($11,677)	
2														
3	Add: NH Property Tax Expense[3]	$0 (1)	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
4														
6														
7	Less: PTAM Revenue	$19,052	($0)	$13	$19	$0	($0)	($23)	($2)	$17	$0	$0	$0	$19,075
8														
9	Ending Balance Pre-Interest	($10,948)	($10,954)	($11,018)	($11,103)	($11,162)	($11,228)	($11,277)	($11,348)	($11,438)	($11,518)	($11,599)	($11,677)	
10														
11	Month's Average Balance	($1,422)	($10,954)	($11,012)	($11,093)	($11,162)	($11,228)	($11,288)	($11,350)	($11,429)	($11,518)	($11,599)	($11,677)	
12														
13	Interest Rate	5.50%	5.50%	7.00%	7.00%	7.00%	7.75%	7.75%	7.75%	8.25%	8.25%	8.25%	8.25%	
14	Days in Month	30	31	31	28	31	30	31	30	31	31	30	31	365
15														
16	Interest Applied	($6.43)	($51.17)	($65.47)	($59.57)	($66.36)	($71.52)	($74.30)	($72.30)	($80.08)	($80.71)	($78.65)	($81.82)	($788)
17														
18	**Ending Balance (Over)/Under Collection**	**($10,954)**	**($11,005)**	**($11,084)**	**($11,162)**	**($11,228)**	**($11,300)**	**($11,351)**	**($11,421)**	**($11,518)**	**($11,599)**	**($11,677)**	**($11,759)**	

(1) Excess ADIT offset.

Northern Utilities, Inc.
New Hampshire Division
Annual 2023/2024 COG/LDAC Filing
Attachment SED-1 RAAM
Page 1 of 6

NORTHERN UTILITIES, INC.
REGULATORY ASSESSMENT ADJUSTMENT MECHANISM ("RAAM")
NOVEMBER 1, 2023 THROUGH OCTOBER 31, 2024

Line #	Description	Amount	Reference
1	Non-Distribution Regulatory Assessment	$5,852	Page 4
2	Rate Case Expense Ending Balance	$47,380	Page 5
3	Lost Revenue Ending Balance	$35,067	Page 6
4	RAAM Prior Period Ending Balance	($17,687)	Page 2 Line 16 Col. M
5	Total Expense to be Recovered	$70,612	
6			
7	Forecasted Firm Sales & Firm Transportation Volumes (therms) (1)	73,413,874	
8			
9	**RAAM Rate ($/therm)**	**$0.0010**	

(1) Company forecast less Special Contracts (November 2023 to October 2024)

Northern Utilities, Inc.
New Hampshire Division
Annual 2023/2024 COG/LDAC Filing
Attachment SED-1 RAAM
Page 2 of 6

NORTHERN UTILITIES, INC., NEW HAMPSHIRE DIVISION
REGULATORY ASSESSMENT ADJUSTMENT MECHANISM ("RAAM")
NOVEMBER 2021 THROUGH OCTOBER 2022 RECONCILIATION

Line #	Description	Actual Nov-21	Actual Dec-21	Actual Jan-22	Actual Feb-22	Actual Mar-22	Actual Apr-22	Actual May-22	Actual Jun-22	Actual Jul-22	Actual Aug-22	Actual Sep-22	Actual Oct-22	Total
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)
1	Beginning Balance (Over)/Under Collection	$0	$0	$0	$0	$0	$0	$0	$6,762	$14,080	$22,583	($30,615)	($38,255)	
2														
3	Add: Regulatory Assessments[1]	$0	$0	$0	$0	$0	$0	$15,279	$15,279	$15,279	($45,837)	$0	$0	$0
4														
5	Less: RAAM Revenue	$0	$0	$0	$0	$0	$0	$8,526	$7,989	$6,838	$7,057	$7,527	$10,052	$47,989
6														
7	Ending Balance Pre-Interest	$0	$0	$0	$0	$0	$0	$6,753	$14,052	$22,521	($30,311)	($38,142)	($48,307)	
8														
9	Month's Average Balance	$0	$0	$0	$0	$0	$0	$3,376	$10,407.12	$18,300	($3,864)	($34,378)	($43,281)	
10														
11	Interest Rate	3.25%	3.25%	3.25%	3.25%	3.25%	3.25%	3.25%	3.25%	4.00%	4.00%	4.00%	5.50%	
12	Days in Month	30	31	31	28	31	30	31	30	31	31	30	31	365
13														
14	Interest Applied	$0	$0	$0	$0	$0	$0	$9.32	$27.80	$62.17	($304.13)	($113.02)	($202.18)	($520)
15														
16	**Ending Balance (Over)/Under Collection**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$6,762**	**$14,080**	**$22,583**	**($30,615)**	**($38,255)**	**($48,509)**	

(1) Non-Distribution Regulatory Assessment formerly recovered via the GAPRA.
Estimated Non-Distribution Regulatory Assessment (Based on NHPUC invoice dated April 14, 2022)

NOVEMBER 2022 THROUGH OCTOBER 2023 FORECAST

Line #	Description	Actual Nov-22	Actual Dec-22	Actual Jan-23	Actual Feb-23	Actual Mar-23	Actual Apr-23	Actual May-23	Actual Jun-23	Actual Jul-23	Forecast Aug-23	Forecast Sep-23	Forecast Oct-23	Total
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)
1	Beginning Balance (Over)/Under Collection	($48,509)	($33,194)	($10,422)	($12,068)	($13,748)	($15,272)	($16,191)	($16,666)	($16,876)	($17,004)	($17,166)	($17,357)	
2														
3	Add: Regulatory Assessments (1)	($48,224)	$24,681	$488	$488	$488	$488	$488	$488	$488	$488	$488	$488	($18,666)
4														
5	Add: Covid-19 Expense (2)	$68,061	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$68,061
6														
7	Less: RAAM Revenue	$4,490	$1,619	$2,068	$2,098	$1,926	$1,307	$855	$591	$497	$531	$561	$695	$17,239
8														
9	Ending Balance Pre-Interest	($33,163)	($10,132)	($12,002)	($13,678)	($15,186)	($16,091)	($16,558)	($16,769)	($16,885)	($17,047)	($17,240)	($17,564)	
10														
11	Month's Average Balance	($6,806)	($21,663)	($11,212)	($12,873)	($14,467)	($15,681)	($16,375)	($16,718)	($16,881)	($17,025)	($17,203)	($17,460)	
12														
13	Interest Rate	5.50%	5.50%	7.00%	7.00%	7.00%	7.75%	7.75%	7.75%	8.25%	8.25%	8.25%	8.25%	
14	Days in Month	30	31	31	28	31	30	31	30	31	31	30	31	365
15														
16	Interest Applied	($31)	($289)	($67)	($69)	($86)	($100)	($108)	($106)	($118)	($119)	($117)	($122)	($1,333)
17														
18	**Ending Balance (Over)/Under Collection**	**($33,194)**	**($10,422)**	**($12,068)**	**($13,748)**	**($15,272)**	**($16,191)**	**($16,666)**	**($16,876)**	**($17,004)**	**($17,166)**	**($17,357)**	**($17,687)**	

(1) Non-Distribution Regulatory Assessment formerly recovered via the GAP.
Estimated Non-Distribution Regulatory Assessment (Based on NHPUC invoice dated April 14, 2022).
(2) Includes $68,060.53 2020 Covid-19 expenses per DG 21-104 Order No. 26-650 dated July 20, 2022.

NORTHERN UTILITIES, INC., NEW HAMPSHIRE DIVISION
REGULATORY ASSESSMENT ADJUSTMENT MECHANISM ("RAAM")
NOVEMBER 2023 THROUGH OCTOBER 2024 FORECAST

Line #	Description	Forecast Nov-23	Forecast Dec-23	Forecast Jan-24	Forecast Feb-24	Forecast Mar-24	Forecast Apr-24	Forecast May-24	Forecast Jun-24	Forecast Jul-24	Forecast Aug-24	Forecast Sep-24	Forecast Oct-24	Total
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)
1	Beginning Balance (Over)/Under Collection	($17,687)	$59,899	$51,635	$41,021	$30,376	$21,099	$14,621	$10,493	$7,966	$5,849	$3,721	$1,428	
2														
3	Add: Regulatory Assessments (1)	$488	$488	$488	$488	$488	$488	$488	$488	$488	$488	$488	$488	$5,852
4														
5	Add: Race Case Expense Ending Balance (2)	$47,380	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$47,380
6														
7	Add: Lost Revenue Ending Balance (3)	$35,067	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$35,067
8														
9	Less: RAAM Revenue	$5,551	$8,825	$11,376	$11,324	$9,918	$7,078	$4,699	$3,073	$2,653	$2,648	$2,798	$3,472	$73,414
10														
11	Ending Balance Pre-Interest	$59,697	$51,562	$40,747	$30,185	$20,946	$14,508	$10,410	$7,907	$5,800	$3,688	$1,411	($1,556)	
12														
13	Month's Average Balance	$44,695	$55,731	$46,191	$35,603	$25,661	$17,803	$12,516	$9,200	$6,883	$4,768	$2,566	($64)	
14														
15	Interest Rate	5.50%	5.50%	7.00%	7.00%	7.00%	7.75%	7.75%	7.75%	8.25%	8.25%	8.25%	8.25%	
16	Days in Month	30	31	31	28	31	30	31	30	31	31	30	31	365
17														
18	Interest Applied	$202	$72	$275	$191	$153	$113	$82	$59	$48	$33	$17	($0)	$1,246
19														
20	**Ending Balance (Over)/Under Collection**	**$59,899**	**$51,635**	**$41,021**	**$30,376**	**$21,099**	**$14,621**	**$10,493**	**$7,966**	**$5,849**	**$3,721**	**$1,428**	**($1,556)**	

(1) Non-Distribution Regulatory Assessment formerly recovered via the GAP.
Estimated Non-Distribution Regulatory Assessment (Based on NHPUC invoice dated April 14, 2022).
(2) Includes $68,060.53 2020 Covid-19 expenses per DG 21-104 Order No. 26-650 dated July 20, 2022.

NORTHERN UTILITIES, INC., NEW HAMPSHIRE DIVISION
Calculation of Distribution and Non-Distribution Revenues of the NHPUC Annual Regulatory Assessment
Based on NHPUC Assessment Invoice dated November 15, 2022

	July 2023	August 2023	September 2023	October 2023	November 2023	December 2023	January 2024	February 2024	March 2024	April 2024	May 2024	June 2024	Total Fiscal Year	
Distribution	$46,026.00	$46,026.00	$46,026.00	$46,026.00	$46,026.00	$46,026.00	$46,026.00	$46,026.00	$46,026.00	$46,026.00	$46,026.00	$46,026.00	$552,312.00	(1)
Non-Distribution	$487.67	$487.67	$487.67	$487.67	$487.67	$487.67	$487.67	$487.67	$487.67	$487.67	$487.67	$487.67	$5,852.00	(2)
Total Assessment		$139,541.00			$139,541.00			$139,541.00			$139,541.00		$558,164.00	

(1) Established in Docket DG 21-104, Order No. 26,650 dated July 20, 2022.
(2) Total Invoice amount minus Distribution (Base Rate) amount.

	ACT Nov-22	ACT Dec-22	ACT Jan-23	ACT Feb-23	ACT Mar-23	ACT Apr-23	ACT May-23	ACT Jun-23	ACT Jul-23	EST Aug-23	EST Sep-23	EST Oct-23	Total
Beginning Balance	$ 373,871.23	$ 356,838.98	$ 317,903.01	$ 267,959.68	$ 217,666.83	$ 171,388.50	$ 139,913.43	$ 117,942.76	$ 103,034.70	$ 90,283.92	$ 77,537.28	$ 64,068.41	
Expenses:													
Rate Case Amortization	$ 17,032.25	$ 38,935.97	$ 49,943.33	$ 50,292.85	$ 46,278.33	$ 31,475.07	$ 21,970.67	$ 14,908.06	$ 12,750.78	$ 12,746.64	$ 13,468.87	$ 16,688.75	$ 326,491.57
Revenue													
RCE Revenue	$ 17,032.25	$ 38,935.97	$ 49,943.33	$ 50,292.85	$ 46,278.33	$ 31,475.07	$ 21,970.67	$ 14,908.06	$ 12,750.78	$ 12,746.64	$ 13,468.87	$ 16,688.75	$ 326,491.57
Monthly Activity	$ (17,032.25)	$ (38,935.97)	$ (49,943.33)	$ (50,292.85)	$ (46,278.33)	$ (31,475.07)	$ (21,970.67)	$ (14,908.06)	$ (12,750.78)	$ (12,746.64)	$ (13,468.87)	$ (16,688.75)	$ (326,491.57)
Ending Balance	$ 356,838.98	$ 317,903.01	$ 267,959.68	$ 217,666.83	$ 171,388.50	$ 139,913.43	$ 117,942.76	$ 103,034.70	$ 90,283.92	$ 77,537.28	$ 64,068.41	$ 47,379.66	

Northern Utilities Inc.
Lost Revenue Reconciliation
2022

Line	Sector / Description	Unit	Prior	Actual Jan-22	Actual Feb-22	Actual Mar-22	Actual Apr-22	Actual May-22	Actual Jun-22	Actual Jul-22	Actual Aug-22	Actual Sep-22	Actual Oct-22	Actual Nov-22	Actual Dec-22	Total
1	**RESIDENTIAL**															
2	**Beginning Balance - (Over)/Under**	$'s		$ 40,182	$ 31,498	$ 22,208	$ 17,544	$ 21,555	$ 28,871	$ 41,034	$ 54,299	$ 52,391	$ 50,241	$ 46,407	$ 43,434	
3	**COSTS**															
4	Lost Distribution Revenue (Page 1, Line 24)	**$'s**		$ 13,465	$ 14,433	$ 14,723	$ 15,589	$ 14,417	$ 15,284	$ 15,481	$ -	$ -	$ -	$ -	$ -	$103,391
5																
6	Revenue	**$'s**		$ 22,244	$ 23,797	$ 19,443	$ 11,626	$ 7,171	$ 3,215	$ 2,377	$ 2,083	$ 2,324	$ 4,059	$ 3,175	$ 3	101,516
7																
8	(Over)/Under-Recovery (Exc interest)	**$**		$ 31,403	$ 22,134	$ 17,489	$ 21,506	$ 28,801	$ 40,941	$ 54,137	$ 52,216	$ 50,067	$ 46,182	$ 43,232	$ 43,432	
9																
10	**INTEREST**															
11	Average Monthly Balance			$ 35,792	$ 26,816	$ 19,849	$ 19,525	$ 25,178	$ 34,906	$ 47,585	$ 53,257	$ 51,229	$ 48,211	$ 44,819	$ 43,433	
12	Interest Rate-WSJ Prime Rate	Annual %		3.25%	3.25%	3.25%	3.25%	3.25%	3.25%	4.00%	4.00%	4.00%	5.50%	5.50%	5.50%	
13	Days per Month			30	31	31	28	31	30	31	30	31	31	30	31	365
14	Computed Interest	$'s		$ 96	$ 74	$ 55	$ 49	$ 69	$ 93	$ 162	$ 175	$ 174	$ 225	$ 203	$ 203	$ 1,577
15																
16	**Ending Balance**	**$'s**		**$ 31,498**	**$ 22,208**	**$ 17,544**	**$ 21,555**	**$ 28,871**	**$ 41,034**	**$ 54,299**	**$ 52,391**	**$ 50,241**	**$ 46,407**	**$ 43,434**	**$ 43,635**	
17	**COMMERCIAL & INDUSTRIAL**															
18	**Beginning Balance - (Over)/Under**	**$'s**		$ (26,385)	$ (24,138)	$ (21,870)	$ (18,914)	$ (14,732)	$ (12,198)	$ (8,846)	$ (5,286)	$ (6,679)	$ (8,165)	$ (10,070)	$ (10,674)	
19																
20	**COSTS**															
21	Lost Distribution Revenue (Page 1, Line 37)	**$'s**		$ 7,126	$ 7,126	$ 7,143	$ 7,156	$ 4,727	$ 4,865	$ 4,884	$ -	$ -	$ -	$ -	$ -	43,027
22																
23	**REVENUE**															
24	Revenue	**$'s**		$ 4,811	$ 4,794	$ 4,131	$ 2,933	$ 2,156	$ 1,485	$ 1,300	$ 1,374	$ 1,461	$ 1,863	$ 557	$ (0)	26,864
25																
26	(Over)/Under-Recovery (Exc interest)	$'s		$ (24,070)	$ (21,806)	$ (18,858)	$ (14,690)	$ (12,161)	$ (8,818)	$ (5,262)	$ (6,659)	$ (8,140)	$ (10,028)	$ (10,627)	$ (10,674)	
27																
28	**INTEREST**															
29	Average Monthly Balance			$ (25,228)	$ (22,972)	$ (20,364)	$ (16,802)	$ (13,447)	$ (10,508)	$ (7,054)	$ (5,972)	$ (7,409)	$ (9,096)	$ (10,349)	$ (10,674)	
30	Interest Rate-WSJ Prime Rate	Annual %		3.25%	3.25%	3.25%	3.25%	3.25%	3.25%	4.00%	4.00%	4.00%	5.50%	5.50%	5.50%	
31	Days per Month			30	31	31	28	31	30	31	30	31	31	30	31	365
32	Computed Interest	$'s		$ (67)	$ (63)	$ (56)	$ (42)	$ (37)	$ (28)	$ (24)	$ (20)	$ (25)	$ (42)	$ (47)	$ (50)	$ (502)
33																
34	**Ending Balance**	**$'s**		**$ (24,138)**	**$ (21,870)**	**$ (18,914)**	**$ (14,732)**	**$ (12,198)**	**$ (8,846)**	**$ (5,286)**	**$ (6,679)**	**$ (8,165)**	**$ (10,070)**	**$ (10,674)**	**$ (10,724)**	

2023

Line	Sector / Description	Unit	Prior	Actual Jan-23	Actual Feb-23	Actual Mar-23	Actual Apr-23	Actual May-23	Actual Jun-23	Actual Jul-23	Estimate Aug-23	Estimate Sep-23	Estimate Oct-23	Total
1	**RESIDENTIAL**													
2	**Beginning Balance - (Over)/Under**	$'s		$ 43,635	$ 43,881	$ 44,114	$ 44,377	$ 44,641	$ 44,934	$ 45,224	$ 45,541	$ 45,850	$ 46,171	
3	**COSTS**													
4	Lost Distribution Revenue (Page 1, Line 24)	**$'s**		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$0
5														
6	Revenue	**$'s**		$ 5	$ 2	$ (0)	$ (0)	$ 0	$ (4)	$ 0	$ -	$ -	$ -	3
7														
8	(Over)/Under-Recovery (Exc interest)	**$**		$ 43,630	$ 43,879	$ 44,114	$ 44,377	$ 44,640	$ 44,938	$ 45,224	$ 45,541	$ 45,850	$ 46,171	
9														
10	**INTEREST**													
11	Average Monthly Balance			$ 43,632	$ 43,880	$ 44,114	$ 44,377	$ 44,641	$ 44,936	$ 45,224	$ 45,541	$ 45,850	$ 46,171	
12	Interest Rate-WSJ Prime Rate	Annual %		7.00%	7.00%	7.00%	7.75%	7.75%	7.75%	8.25%	8.25%	8.25%	8.25%	
13	Days per Month			30	28	31	28	31	30	31	30	31	31	365
14	Computed Interest	$'s		$ 251	$ 236	$ 262	$ 264	$ 294	$ 286	$ 317	$ 309	$ 321	$ 324	$ 2,863
15														
16	**Ending Balance**	**$'s**		**$ 43,881**	**$ 44,114**	**$ 44,377**	**$ 44,641**	**$ 44,934**	**$ 45,224**	**$ 45,541**	**$ 45,850**	**$ 46,171**	**$ 46,495**	
17	**COMMERCIAL & INDUSTRIAL**													
18	**Beginning Balance - (Over)/Under**	**$'s**		$ (10,724)	$ (10,785)	$ (10,844)	$ (10,908)	$ (10,973)	$ (11,019)	$ (11,105)	$ (11,193)	$ (11,269)	$ (11,348)	
19														
20	**COSTS**													
21	Lost Distribution Revenue (Page 1, Line 37)	**$'s**		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	-
22														
23	**REVENUE**													
24	Revenue	**$'s**		$ 0	$ 1	$ -	$ -	$ (27)	$ 16	$ 11	$ -	$ -	$ -	1
25														
26	(Over)/Under-Recovery (Exc interest)	$'s		$ (10,724)	$ (10,786)	$ (10,844)	$ (10,908)	$ (10,946)	$ (11,034)	$ (11,116)	$ (11,193)	$ (11,269)	$ (11,348)	
27														
28	**INTEREST**													
29	Average Monthly Balance			$ (10,724)	$ (10,786)	$ (10,844)	$ (10,908)	$ (10,960)	$ (11,026)	$ (11,110)	$ (11,193)	$ (11,269)	$ (11,348)	
30	Interest Rate-WSJ Prime Rate	Annual %		7.00%	7.00%	7.00%	7.75%	7.75%	7.75%	8.25%	8.25%	8.25%	8.25%	
31	Days per Month			30	28	31	28	31	30	31	30	31	31	365
32	Computed Interest	$'s		$ (62)	$ (58)	$ (64)	$ (65)	$ (72)	$ (70)	$ (78)	$ (76)	$ (79)	$ (80)	$ (704)
33														
34	**Ending Balance**	**$'s**		**$ (10,785)**	**$ (10,844)**	**$ (10,908)**	**$ (10,973)**	**$ (11,019)**	**$ (11,105)**	**$ (11,193)**	**$ (11,269)**	**$ (11,348)**	**$ (11,428)**	

Total Ending Balance **$ 35,067**

NORTHERN UTILITIES, INC.- NEW HAMPSHIRE DIVISION
REMEDIATION ADJUSTMENT CLAUSE COMPLIANCE FILING
2022-2023 ENVIRONMENTAL RESPONSE COSTS
SITE SPECIFIC EXPENSES

SCHEDULE 1
PAGE 1 OF 1

Line	Description	Total	11/14-10/15	11/15-10/16	11/16-10/17	11/17-10/18	11/18-10/19	11/19-10/20	11/20-10/21	11/21-10/22	11/22-10/23	11/23-10/24	11/24-10/25	11/25-10/26	11/26-10/27	11/27-10/28	11/28-10/29	11/29-10/30
	ENVIRONMENTAL RESPONSE COST (ERC)																	
1	July 14 - June 15 Expenses Amortization (1/7)	$ 112,198		$ 16,028	$ 16,028	$ 16,028	$ 16,028	$ 16,028	$ 16,028	$ 16,028								
2	July 15 - June 16 Expenses Amortization (1/7)	$ 2,179,885			$ 311,412	$ 311,412	$ 311,412	$ 311,412	$ 311,412	$ 311,412	$ 311,412							
3	July 16 - June 17 Expenses Amortization (1/7)	$ 54,154				$7,736	$7,736	$7,736	$7,736	$7,736	$7,736	$7,736						
4	July 17 - June 18 Expenses Amortization (1/7)	$ 283,143					$40,449	$40,449	$40,449	$40,449	$40,449	$40,449	$40,449					
5	July 18 - June 19 Expenses Amortization (1/7)	$ 203,357						$ 29,051	$ 29,051	$ 29,051	$ 29,051	$ 29,051	$ 29,051	$ 29,051				
6	July 19 - June 20 Expenses Amortization (1/7)	$ 77,165							$ 11,024	$ 11,024	$ 11,024	$ 11,024	$ 11,024	$ 11,024	$ 11,024			
7	July 20 - June 21 Expenses Amortization (1/7)	$ 118,256								$ 16,894	$ 16,894	$ 16,894	$ 16,894	$ 16,894	$ 16,894	$ 16,894		
8	July 21 - June 22 Expenses Amortization (1/7)	$ 48,434									$ 6,919	$ 6,919	$ 6,919	$ 6,919	$ 6,919	$ 6,919	$ 6,919	
9	July 22 - June 23 Expenses Amortization (1/7)	$ 33,800										$ 4,829	$4,829	$4,829	$4,829	$4,829	$4,829	$4,829
10	Subtotal (Line 1 through Line 9)		$ -	$ 16,028	$ 327,440	$ 335,177	$ 375,626	$ 404,677	$ 415,700	$ 432,594	$ 423,485	$ 116,901	$ 109,165	$ 68,716	$ 39,665	$ 28,641	$ 11,748	$ 4,829
11	Add: Excess amortization from prior years (from schedule 5, Line 9)	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
12	Less: Excess amortization to be deferred (from schedule 5, Line 8)	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
13	Total Environmental Response cost to be recovered (ERC)	$ -	$ -	$ 16,028	$ 327,440	$ 335,177	$ 375,626	$ 404,677	$ 415,700	$ 432,594	$ 423,485	$ 116,901	$ 109,165	$ 68,716	$ 39,665	$ 28,641	$ 11,748	$ 4,829
14	July 2014 - June 2015 Unamortized beginning balance			$ 112,198	$ 96,170	$ 80,141	$ 64,113	$ 48,085	$ 32,057	$ 16,028								
15	July 2015 - June 2016 Unamortized beginning balance				$ 2,179,885	$ 1,868,473	$ 1,557,061	$ 1,245,649	$ 934,236	$ 622,824	$ 311,412							
16	July 2016 - June 2017 Unamortized beginning balance					$ 54,154	$ 46,418	$ 38,681	$ 30,945	$ 23,209	$ 15,473	$ 7,736						
17	July 2017 - June 2018 Unamortized beginning balance						$ 283,143	$ 242,694	$ 202,245	$ 161,796	$ 121,347	$ 80,898	$ 40,449					
18	July 2018 - June 2019 Unamortized beginning balance							$ 203,357	$ 174,306	$ 145,255	$ 116,204	$ 87,153	$ 58,102	$ 29,051				
19	July 2019 - June 2020 Unamortized beginning balance								$ 77,165	$ 66,141	$ 55,118	$ 44,094	$ 33,071	$ 22,047	$ 11,024			
20	July 2020 - June 2021 Unamortized beginning balance									$ 118,256	$ 101,362	$ 84,468	$ 67,575	$ 50,681	$ 33,787	$ 16,894		
21	July 2021 - June 2022 Unamortized beginning balance										$ 48,434	$ 41,515	$ 34,596	$ 27,677	$ 20,757	$ 13,838	$ 6,919	
22	July 2022 - June 2023 Unamortized beginning balance											$ 33,800	$ 28,971	$ 24,143	$ 19,314	$ 14,486	$ 9,657	$ 4,829
23	Total Unamortized beginning balance		$ 374,077	$ 415,344	$ 2,508,270	$ 2,164,053	$ 2,041,089	$ 1,815,204	$ 1,456,794	$ 1,153,509	$ 769,349	$ 379,664	$ 262,763	$ 153,598	$ 84,882	$ 45,217	$ 16,576	$ 4,829
24	INSURANCE/3RD PARTY EXPENSES (IE) Expenses (from schedule 2)																	
25	INSURANCE/3RD PARTY RECOVERIES (IR)																	
26	UNDER/OVER Recovery from previous year																	
27	**Total of Lines 23 through 25**		$ 374,077	$ 415,344	$ 2,508,270	$ 2,164,053	$ 2,041,089	$ 1,815,204	$ 1,456,794	$ 1,153,509	$ 769,349	$ 379,664	$ 262,763	$ 153,598	$ 84,882	$ 45,217	$ 16,576	$ 4,829

NORTHERN UTILITIES, INC. - NEW HAMPSHIRE DIVISION

Typical Residential Heating Bill

Comparison of Winter 2023-2024 vs. Winter 2022-2023

				Nov	Dec	Jan	Feb	Mar	Apr	Winter	May	June	July	August	Sept	October	Summer	Annual
2		Typical Usage: therms (*)		34	77	108	108	99	62	488	35	18	13	11	12	22	111	599
3	**Winter 2023 - 2024**																	
4	Customer Charge	units @	$ 22.20	$22.20	$22.20	$22.20	$22.20	$22.20	$22.20	$133.20								
5	All	units @	$0.9259	$31.64	$71.41	$99.68	$100.32	$91.34	$57.27	$451.65								
6	All	RDAC	$0.0434	$1.48	$3.35	$4.67	$4.70	$4.28	$2.68	$21.17								
7		Total Base Rates	$0.9693	$33.13	$74.76	$104.35	$105.02	$95.62	$59.95	$472.83								
6		COG 1	$0.7282	$24.89						$24.89								
7		COG 2	$0.7282		$56.16					$56.16								
8		COG 3	$0.7282			$78.40				$78.40								
9		COG 4	$0.7282				$78.90			$78.90								
10		COG 5	$0.7282					$71.83		$71.83								
11		COG 6	$0.7282						$45.04	$45.04								
12		LDAC	$0.0883	$3.02	$6.81	$9.51	$9.57	$8.71	$5.46	$43.07								
13	**Summer 2024**																	
14	Customer Charge	units @	$ 22.20								$ 22.20	$22.20	$22.20	$22.20	$ 22.20	$22.20	$133.20	
15	All	units @	$0.9259								$32.00	$16.77	$12.16	$10.35	$11.43	$20.07	$102.77	
16	All	RDAC	$0.1071								$3.70	$1.94	$1.41	$1.20	$1.32	$2.32	$11.89	
17		Total Base Rates	$1.0330								$35.70	$18.71	$13.56	$11.55	$12.75	$22.39	$114.66	
16		COG 1	$0.5117								$17.68						$17.68	
17		COG 2	$0.5117									$9.27					$9.27	
18		COG 3	$0.5117										$6.72				$6.72	
19		COG 4	$0.5117											$5.72			$5.72	
20		COG 5	$0.5117												$6.32		$6.32	
21		COG 6	$0.5117													$11.09	$11.09	
22	Summer Period Weighted Avg. COG		$0.5117															
23		LDAC	$ 0.0883								$3.05	$1.60	$1.16	$0.99	$1.09	$1.91	$9.80	
24		**TOTAL**		$83.23	$159.93	$214.45	$215.69	$198.36	$132.65	**$1,004.32**	$ 78.63	$ 51.77	$ 43.64	$ 40.46	$ 42.36	$ 57.60	$ 314.46	$1,318.78

		Nov	Dec	Jan	Feb	Mar	Apr	Winter
Base Rate Change Winter	**$ Change**	($0.02)	($0.05)	($0.08)	($0.08)	($0.07)	($0.04)	**($0.34)**
Base Rate Change Winter	**% Change**	-0.02%	-0.03%	-0.03%	-0.03%	-0.03%	-0.03%	-0.03%
RDAC Change Winter	**$ Change**	$1.48	$3.35	$4.67	$4.70	$4.28	$2.68	**$21.17**
RDAC Change Winter	**% Change**	1.50%	1.74%	1.83%	1.83%	1.90%	2.01%	1.82%
Total Base Rate Change	**$ Change**	$1.46	$3.29	$4.60	$4.63	$4.21	$2.64	**$20.83**
Total Base Rate Change	**% Change**	1.48%	1.71%	1.80%	1.80%	1.87%	1.97%	**1.79%**
COG Change Winter	**$ Change**	($13.69)	($28.61)	($35.48)	($35.71)	($21.62)	$2.35	**($132.78)**
	% Change	-13.86%	-14.85%	-13.86%	-13.87%	-9.59%	1.76%	**-11.40%**
LDAC Change Winter	**$ Change**	($3.30)	($7.46)	($10.64)	($10.70)	($9.75)	($6.11)	**($47.96)**
	% Change	-3.35%	-3.87%	-4.16%	-4.16%	-4.32%	-4.57%	**-4.12%**

				Nov	Dec	Jan	Feb	Mar	Apr	Winter	May	June	July	August	Sept	October	Summer	Annual
26		Typical Usage: therms		34	77	108	108	99	62	488	35	18	13	11	12	22	111	599
27	**Winter 2022 - 2023**																	
28	Customer Charge	units @	$ 22.20	$22.20	$22.20	$22.20	$22.20	$22.20	$22.20	$133.20								
29	All	units @	$0.9266	$31.67	$71.46	$99.75	$100.40	$91.40	$57.31	$452.00								
30		COG 1	$1.1289	$38.58						$38.58								
31		COG 2	$1.0992		$84.78					$84.78								
32		COG 3	$1.0578			$113.88				$113.88								
33		COG 4	$1.0578				$114.61			$114.61								
34		COG 5	$0.9474					$93.46		$93.46								
35		COG 6	$0.6902						$42.69	$42.69								
36	Winter Period Weighted Avg. COG		$1.0004															
37		LDAC	$ 0.1850	$6.32	$14.27					$20.59								
38		LDAC 2, January 1	$ 0.1871			$20.14	$20.27	$18.46	$11.57	$70.44								
39																		
40	**Summer 2023**																	
41	Customer Charge	units @	$ 22.20								$22.20	$22.20	$22.20	$22.20	$22.20	$22.20	$133.20	
42	All	units @	$0.9266								$32.02	$16.78	$12.17				$60.97	
43	Eff. Aug 1, 2023	All @	$0.9259											$10.35	$11.43	$20.07	$41.85	
44		COG 1	$0.3708								$12.81						$12.81	
45		COG 2	$0.3708									$6.71					$6.71	
46		COG 3	$0.3708										$4.87				$4.87	
47		COG 4	$0.3708											$4.15			$4.15	
48		COG 5	$0.3708												$4.58		$4.58	
49		COG 6	$0.3708													$8.04	$8.04	
50	Summer Period Weighted Avg. COG		$0.3708															
51		LDAC	$ 0.1871								$6.47	$3.39	$2.46	$2.09	$2.31	$4.06	$20.77	
52		**TOTAL**		$98.77	$192.71	$255.98	$257.48	$225.52	$133.77	**$1,164.22**	$73.50	$49.08	$41.69	$38.79	$40.52	$54.36	$297.95	$1,462.17
53		**Change**		($15.54)	($32.78)	($41.52)	($41.79)	($27.16)	($1.12)	**($159.91)**	$5.13	$2.69	$1.95	$1.67	$1.84	$3.23	**$16.52**	($143.39)
54		**% Chg**		-15.73%	-17.01%	-16.22%	-16.23%	-12.04%	-0.84%	**-13.7%**	6.98%	5.48%	4.68%	4.30%	4.55%	5.95%	**5.54%**	-9.81%

*-Note- Weighted by most recent 12-month actual usage.

NORTHERN UTILITIES, INC. -- NEW HAMPSHIRE DIVISION

Impact of Rate Changes on Residential Heating Bills by Usage Level

Forecast Winter 2023-2024 vs. Actual Winter 2022-2023

Residential Heating

	Winter 2022- 2023	Winter 2023- 2024
Customer Charge	$22.20	$22.20
All Therms	$0.9266	$0.9693
LDAC**	$0.1866	$0.0883
CGA	$1.0004	$0.7282

	Usage (Therms)	Winter 2022-2023 Bill Amount	Winter 2023-2024 Bill Amount	Total Bill		Base Rate		CGA		LDAC	
	5	$32.77	$31.13	($1.64)	-5.0%	$0.21	0.6%	($1.36)	-4.2%	($0.49)	-1.5%
	10	$43.34	$40.06	($3.28)	-7.6%	$0.43	1.0%	($2.72)	-6.3%	($0.98)	-2.3%
	20	$64.47	$57.92	($6.56)	-10.2%	$0.85	1.3%	($5.44)	-8.4%	($1.97)	-3.1%
	25	$75.04	$66.85	($8.20)	-10.9%	$1.07	1.4%	($6.80)	-9.1%	($2.46)	-3.3%
	30	$85.61	$75.77	($9.83)	-11.5%	$1.28	1.5%	($8.17)	-9.5%	($2.95)	-3.4%
	45	$117.31	$102.56	($14.75)	-12.6%	$1.92	1.6%	($12.25)	-10.4%	($4.42)	-3.8%
	50	$127.88	$111.49	($16.39)	-12.8%	$2.14	1.7%	($13.61)	-10.6%	($4.92)	-3.8%
	75	$180.72	$156.14	($24.59)	-13.6%	$3.20	1.8%	($20.41)	-11.3%	($7.37)	-4.1%
Monthly*	125	$286.40	$245.43	($40.98)	-14.3%	$5.34	1.9%	($34.02)	-11.9%	($12.29)	-4.3%
	150	$339.24	$290.07	($49.17)	-14.5%	$6.40	1.9%	($40.83)	-12.0%	($14.75)	-4.3%
	200	$444.92	$379.36	($65.56)	-14.7%	$8.54	1.9%	($54.44)	-12.2%	($19.66)	-4.4%

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

NORTHERN UTILITIES, INC. - NEW HAMPSHIRE DIVISION

Typical Residential Non-Heating Bill

Comparison of Winter 2023-2024 vs. Winter 2022-2023

				Nov	Dec	Jan	Feb	Mar	Apr	Winter	May	June	July	August	Sept	October	Summer	Annual
2	Typical Usage: therms (*)			12	20	25	27	21	16	120	12	10	9	8	9	10	58	179
3	**Winter 2023 - 2024**																	
4	Customer Charge	units @	$ 22.20	$22.20	$22.20	$22.20	$22.20	$22.20	$22.20	$133.20								
5	All	units @	$1.4005	$16.32	$27.73	$35.59	$37.64	$29.45	$21.98	$168.71								
6	All	RDAC	$0.0588	$0.69	$1.16	$1.49	$1.58	$1.24	$0.92	$7.08								
7		Total Base Rates	$1.4593	$17.01	$28.89	$37.08	$39.22	$30.69	$22.90	$175.79								
6		COG 1	$0.7282	$8.49						$8.49								
7		COG 2	$0.7282		$14.42					$14.42								
8		COG 3	$0.7282			$18.51				$18.51								
9		COG 4	$0.7282				$19.57			$19.57								
10		COG 5	$0.7282					$15.31		$15.31								
11		COG 6	$0.7282						$11.43	$11.43								
12		LDAC	$0.0883	$1.03	$1.75	$2.24	$2.37	$1.86	$1.39	$10.64								
13	**Summer 2024**																	
14	Customer Charge	units @	$ 22.20								$ 22.20	$22.20	$22.20	$22.20	$ 22.20	$22.20	$133.20	
15	All	units @	$1.4005								$16.61	$13.53	$12.79	$11.38	$12.55	$14.57	$81.43	
16	All	RDAC	$0.0933								$1.11	$0.90	$0.85	$0.76	$0.84	$0.97	$5.42	
17		Total Base Rates	$1.4938								$17.72	$14.43	$13.64	$12.13	$13.39	$15.54	$86.85	
16		COG 1	$0.5117								$6.07						$6.07	
17		COG 2	$0.5117									$4.94					$4.94	
18		COG 3	$0.5117										$4.67				$4.67	
19		COG 4	$0.5117											$4.16			$4.16	
20		COG 5	$0.5117												$4.59		$4.59	
21		COG 6	$0.5117													$5.32	$5.32	
22	Summer Period Weighted Avg. COG		$0.5117															
23		LDAC	$ 0.0883								$1.05	$0.85	$0.81	$0.72	$0.79	$0.92	$5.13	
24		**TOTAL**		$48.72	$67.26	$80.03	$83.37	$70.05	$57.91	**$407.35**	$47.04	$42.42	$41.32	$39.21	$40.97	$43.98	$254.94	$662.29
	Base Rate Change Winter	**$ Change**		($0.06)	($0.10)	($0.12)	($0.13)	($0.10)	($0.08)	**($0.58)**								
	Base Rate Change Winter	**% Change**		-0.10%	-0.13%	-0.14%	-0.14%	-0.13%	-0.13%	-0.13%								
	RDAC Change Winter	**$ Change**		$0.69	$1.16	$1.49	$1.58	$1.24	$0.92	**$7.08**								
	RDAC Change Winter	**% Change**		1.27%	1.54%	1.67%	1.69%	1.64%	1.59%	1.59%								
	Total Base Rate Change	**$ Change**		$0.63	$1.07	$1.37	$1.45	$1.14	$0.85	**$6.50**								
	Total Base Rate Change	**% Change**		1.17%	1.42%	1.53%	1.55%	1.50%	1.46%	**1.46%**								
	COG Change Winter	**$ Change**		($4.67)	($7.35)	($8.38)	($8.86)	($4.61)	$0.60	**($33.26)**								
		% Change		-8.67%	-9.74%	-9.35%	-9.48%	-6.10%	1.03%	**-7.46%**								
	LDAC Change Winter	**$ Change**		($1.13)	($1.91)	($2.51)	($2.66)	($2.08)	($1.55)	**($11.84)**								
		% Change		-2.09%	-2.54%	-2.80%	-2.84%	-2.75%	-2.67%	**-2.65%**								

				Nov	Dec	Jan	Feb	Mar	Apr	Winter	May	June	July	August	Sept	October	Summer	Annual
27	Typical Usage: therms			12	20	25	27	21	16	120	12	10	9	8	9	10	58	179
28	**Winter 2022 - 2023**																	
29	Customer Charge	units @	$ 22.20	$22.20	$22.20	$22.20	$22.20	$22.20	$22.20	$133.20								
30	All	units @	$1.4053	$16.38	$27.82	$35.71	$37.77	$29.55	$22.05	$169.29								
31		COG 1	$1.1289	$13.16						$13.16								
32		COG 2	$1.0992		$21.76					$21.76								
33		COG 3	$1.0578			$26.88				$26.88								
34		COG 4	$1.0578				$28.43			$28.43								
35		COG 5	$0.9474					$19.92		$19.92								
36		COG 6	$0.6902						$10.83	$10.83								
37	Winter Period Weighted Avg. COG		$1.0043															
38		LDAC	$ 0.1850	$2.16	$3.66					$5.82								
39		LDAC 2, January 1	$ 0.1871			$4.75	$5.03	$3.93	$2.94	$16.65								
40																		
41	**Summer 2023**																	
42	Customer Charge	units @	$ 22.20								$22.20	$22.20	$22.20	$22.20	$22.20	$22.20	$133.20	
43	All	units @	$1.4053								$16.67	$13.57	$12.84				$43.08	
44	Eff. Aug 1, 2023	All @	$1.4005											$11.38	$12.55	$14.57	$38.50	
45		COG 1	$0.3708								$4.40						$4.40	
46		COG 2	$0.3708									$3.58					$3.58	
47		COG 3	$0.3708										$3.39				$3.39	
48		COG 4	$0.3708											$3.01			$3.01	
49		COG 5	$0.3708												$3.32		$3.32	
50		COG 6	$0.3708													$3.86	$3.86	
51	Summer Period Weighted Avg. COG		$0.3708															
52		LDAC	$ 0.1871								$2.22	$1.81	$1.71	$1.52	$1.68	$1.95	$10.88	
53		**TOTAL**		$53.89	$75.45	$89.55	$93.43	$75.61	$58.02	**$445.94**	$45.49	$41.16	$40.13	$38.11	$39.75	$42.57	$247.22	$693.16
54		**Change**		($5.17)	($8.19)	($9.51)	($10.06)	($5.55)	($0.11)	**($38.59)**	$1.55	$1.26	$1.19	$1.10	$1.21	$1.41	**$7.73**	($30.87)
55		**% Chg**		-9.59%	-10.86%	-10.62%	-10.77%	-7.34%	-0.18%	**-8.7%**	3.41%	3.06%	2.97%	2.89%	3.05%	3.31%	**3.12%**	-4.45%

*-Note- Weighted by most recent 12-month actual usage.

NORTHERN UTILITIES, INC. - NEW HAMPSHIRE DIVISION

Typical G-40 Commercial & Industrial Bill
Comparison of Winter 2023-2024 vs. Winter 2022-2023

				Nov	Dec	Jan	Feb	Mar	Apr	Winter	May	June	July	August	Sept	October	Summer	Annual
Typical Usage: therms (*)				97	234	341	370	302	182	1,527	91	41	27	22	25	51	256	1,783
Winter 2023 - 2024																		
Customer Charge	units @	$ 80.00		$80.00	$80.00	$80.00	$80.00	$80.00	$80.00	$480.00								
All	units @	$0.2554		$24.75	$59.88	$87.20	$94.40	$77.14	$46.58	$389.95								
All	RDAC	$0.0169		$1.64	$3.96	$5.77	$6.25	$5.10	$3.08	$25.80								
	Total Base Rates	$0.2723		$26.39	$63.84	$92.97	$100.65	$82.24	$49.66	$415.76								
	COG 1	$0.7402		$71.74						$71.74								
	COG 2	$0.7402			$173.55					$173.55								
	COG 3	$0.7402				$252.72				$252.72								
	COG 4	$0.7402					$273.59			$273.59								
	COG 5	$0.7402						$223.56		$223.56								
	COG 6	$0.7402							$135.00	$135.00								
	LDAC	$0.0362		$3.51	$8.49	$12.36	$13.38	$10.93	$6.60	$55.27								
Summer 2024																		
Customer Charge	units @	$ 80.00									$ 80.00	$80.00	$80.00	$80.00	$ 80.00	$80.00	$480.00	
All	units @	$0.2554									$23.15	$10.46	$6.79	$5.57	$6.34	$13.07	$65.38	
All	RDAC	$0.0008									$0.07	$0.03	$0.02	$0.02	$0.02	$0.04	$0.20	
	Total Base Rates	$0.2562									$23.22	$10.49	$6.81	$5.59	$6.36	$13.11	$65.58	
	COG 1	$0.5622									$50.96						$50.96	
	COG 2	$0.5622										$23.02					$23.02	
	COG 3	$0.5622											$14.94				$14.94	
	COG 4	$0.5622												$12.26			$12.26	
	COG 5	$0.5622													$13.96		$13.96	
	COG 6	$0.5622														$28.77	$28.77	
Summer Period Weighted Avg. COG		$0.5622																
	LDAC	$ 0.0362									$3.28	$1.48	$0.96	$0.79	$0.90	$1.85	$9.27	
	TOTAL			$181.63	$325.88	$438.05	$467.62	$396.74	$271.27	**$2,081.19**	$ 157.47	$ 115.00	$ 102.71	$ 98.63	$ 101.22	$ 123.73	$ 698.75	$2,779.94

Base Rate Change Winter	**$ Change**	($0.02)	($0.05)	($0.07)	($0.07)	($0.06)	($0.04)	**($0.31)**										
Base Rate Change Winter	**% Change**	-0.01%	-0.01%	-0.01%	-0.01%	-0.01%	-0.01%	-0.01%										
RDAC Change Winter	**$ Change**	$1.64	$3.96	$5.77	$6.25	$5.10	$3.08	**$25.80**										
RDAC Change Winter	**% Change**	0.74%	0.96%	1.05%	1.06%	1.10%	1.17%	1.03%										
Total Base Rate Change	**$ Change**	$1.62	$3.92	$5.70	$6.17	$5.04	$3.05	**$25.50**										
Total Base Rate Change	**% Change**	0.73%	0.95%	1.04%	1.05%	1.09%	1.15%	**1.02%**										
COG Change Winter	**$ Change**	($39.02)	($87.43)	($113.18)	($122.53)	($66.78)	$6.58	**($422.35)**										
	% Change	-17.7%	-21.2%	-20.6%	-20.8%	-14.4%	2.5%	**-16.9%**										
LDAC Change Winter	**$ Change**	($1.27)	($3.07)	($4.81)	($5.21)	($4.26)	($2.57)	**($21.20)**										
	% Change	-0.6%	-0.7%	-0.9%	-0.9%	-0.9%	-1.0%	**-0.8%**										

				Nov	Dec	Jan	Feb	Mar	Apr	Winter	May	June	July	August	Sept	October	Summer	Annual
Typical Usage: therms				97	234	341	370	302	182	1,527	91	41	27	22	25	51	256	1,783
Winter 2022 - 2023																		
Customer Charge	units @	$ 80.00		$80.00	$80.00	$80.00	$80.00	$80.00	$80.00	$480.00								
All	units @	$0.2556		$24.77	$59.93	$87.27	$94.47	$77.20	$46.62	$390.26								
	COG 1	$1.1428		$110.75						$110.75								
	COG 2	$1.1131			$260.98					$260.98								
	COG 3	$1.0717				$365.90				$365.90								
	COG 4	$1.0717					$396.12			$396.12								
	COG 5	$0.9613						$290.34		$290.34								
	COG 6	$0.7041							$128.42	$128.42								
Winter Period Weighted Avg. COG		$1.0168																
	LDAC	$ 0.0493		$4.78	$11.56					$16.34								
	LDAC 2, January 1	$ 0.0503				$17.17	$18.59	$15.19	$9.17	$60.13								
Summer 2023																		
Customer Charge**	units @	$ 80.00									$80.00	$80.00	$80.00	$80.00	$80.00	$80.00	$480.00	
All	units @	$0.2556									$23.17	$10.47	$6.79				$40.43	
Eff. Aug 1, 2023	All @	$0.2554												$5.57	$6.34	$13.07	$24.98	
	COG 1	$0.4175									$37.85						$37.85	
	COG 2	$0.4175										$17.10					$17.10	
	COG 3	$0.4175											$11.09				$11.09	
	COG 4	$0.4175												$9.10			$9.10	
	COG 5	$0.4175													$10.37		$10.37	
	COG 6	$0.4175														$21.36	$21.36	
Summer Period Weighted Avg. COG		$0.4175																
	LDAC	$ 0.0503									$4.56	$2.06	$1.34	$1.10	$1.25	$2.57	$12.88	
	TOTAL			$220.30	$412.47	$550.34	$589.18	$462.73	$264.21	**$2,499.24**	$145.58	$109.62	$99.22	$95.77	$97.95	$117.01	$665.15	$3,164.39
	Change			($38.67)	($86.59)	($112.29)	($121.57)	($65.99)	$7.06	**($418.05)**	$11.89	$5.37	$3.49	$2.87	$3.26	$6.72	**$33.60**	($384.45)
	% Chg			-17.55%	-20.99%	-20.40%	-20.63%	-14.26%	2.67%	**-16.73%**	8.17%	4.90%	3.51%	2.99%	3.33%	5.75%	**5.05%**	-12.15%

*-Note- Weighted by usage. Actual Weather Normalized.

NORTHERN UTILITIES, INC. - NEW HAMPSHIRE DIVISION

Typical G-41 Commercial & Industrial Bill

Comparison of Winter 2023-2024 vs. Winter 2022-2023

				Nov	Dec	Jan	Feb	Mar	Apr	Winter	May	June	July	August	Sept	October	Summer	Annual
Typical Usage: therms (*)				1,328	2,534	3,366	3,369	3,086	1,977	15,661	1,164	634	419	339	425	857	3,837	19,498
Winter 2023 - 2024																		
Customer Charge	units @	$ 225.00		$225.00	$225.00	$225.00	$225.00	$225.00	$225.00	$1,350.00								
All	units @	$0.2881		$382.46	$730.13	$969.87	$970.72	$889.22	$569.55	$4,511.94								
All	RDAC	$0.0169		$22.44	$42.83	$56.89	$56.94	$52.16	$33.41	$264.67								
	Total Base Rates	$0.3050		$404.90	$772.96	$1,026.76	$1,027.66	$941.38	$602.96	$4,776.61								
	COG 1	$0.7402		$982.64						$982.64								
	COG 2	$0.7402			$1,875.88					$1,875.88								
	COG 3	$0.7402				$2,491.83				$2,491.83								
	COG 4	$0.7402					$2,494.01			$2,494.01								
	COG 5	$0.7402						$2,284.62		$2,284.62								
	COG 6	$0.7402							$1,463.32	$1,463.32								
	LDAC	$0.0362		$48.06	$91.74	$121.86	$121.97	$111.73	$71.56	$566.93								
Summer 2024																		
Customer Charge	units @	$ 225.00									$ 225.00	$225.00	$225.00	$225.00	$ 225.00	$225.00	$1,350.00	
All	units @	$0.2881									$335.37	$182.62	$120.69	$97.53	$122.52	$246.82	$1,105.56	
All	RDAC	$0.0008									$0.93	$0.51	$0.34	$0.27	$0.34	$0.69	$3.07	
	Total Base Rates	$0.2889									$336.30	$183.13	$121.03	$97.80	$122.86	$247.51	$1,108.63	
	COG 1	$0.5622									$654.45						$654.45	
	COG 2	$0.5622										$356.37					$356.37	
	COG 3	$0.5622											$235.52				$235.52	
	COG 4	$0.5622												$190.32			$190.32	
	COG 5	$0.5622													$239.09		$239.09	
	COG 6	$0.5622														$481.65	$481.65	
Summer Period Weighted Avg. COG		$0.5622																
	LDAC	$ 0.0362									$42.14	$22.95	$15.16	$12.25	$15.40	$31.01	$138.91	
	TOTAL			$1,660.59	$2,965.57	$3,865.45	$3,868.64	$3,562.73	$2,362.85	**$18,285.84**	$1,257.89	$ 787.45	$ 596.71	$ 525.37	$ 602.35	$ 985.17	$4,754.94	$23,040.78
Base Rate Change Winter		**$ Change**		($0.27)	($0.51)	($0.67)	($0.67)	($0.62)	($0.40)	**($3.13)**								
Base Rate Change Winter		**% Change**		-0.01%	-0.01%	-0.01%	-0.01%	-0.01%	-0.02%	-0.01%								
RDAC Change Winter		**$ Change**		$22.44	$42.83	$56.89	$56.94	$52.16	$33.41	**$264.67**								
RDAC Change Winter		**% Change**		1.02%	1.10%	1.14%	1.14%	1.23%	1.46%	1.17%								
Total Base Rate Change		**$ Change**		$22.17	$42.32	$56.22	$56.27	$51.54	$33.01	**$261.54**								
Total Base Rate Change		**% Change**		1.01%	1.08%	1.13%	1.13%	1.22%	1.44%	**1.16%**								
COG Change Winter		**$ Change**		($534.46)	($945.03)	($1,115.97)	($1,116.95)	($682.42)	$71.37	**($4,323.47)**								
		% Change		-24.40%	-24.22%	-22.44%	-22.44%	-16.11%	3.12%	**-19.16%**								
LDAC Change Winter		**$ Change**		($17.39)	($33.20)	($47.47)	($47.51)	($43.52)	($27.87)	**($216.96)**								
		% Change		-0.794%	-0.851%	-0.955%	-0.955%	-1.027%	-1.219%	**-0.96%**								

				Nov	Dec	Jan	Feb	Mar	Apr	Winter	May	June	July	August	Sept	October	Summer	Annual
Typical Usage: therms				1,328	2,534	3,366	3,369	3,086	1,977	15,661	1,164	634	419	339	425	857	3,837	19,498
Winter 2022 - 2023																		
Customer Charge	units @	$ 225.00		$225.00	$225.00	$225.00	$225.00	$225.00	$225.00	$1,350.00								
All	units @	$0.2883		$382.73	$730.63	$970.54	$971.39	$889.84	$569.95	$4,515.07								
	COG 1	$1.1428		$1,517.10						$1,517.10								
	COG 2	$1.1131			$2,820.91					$2,820.91								
	COG 3	$1.0717				$3,607.80				$3,607.80								
	COG 4	$1.0717					$3,610.95			$3,610.95								
	COG 5	$0.9613						$2,967.05		$2,967.05								
	COG 6	$0.7041							$1,391.96	$1,391.96								
Winter Period Weighted Avg. COG		$1.0163																
	LDAC	$ 0.0493		$65.45	$124.94					$190.39								
	LDAC 2, January 1	$ 0.0503				$169.33	$169.48	$155.25	$99.44	$593.50								
Summer 2023																		
Customer Charge**	units @	$ 225.00									$225.00	$225.00	$225.00	$225.00	$225.00	$225.00	$1,350.00	
All	units @	$0.2883									$335.60	$182.75	$120.77				$639.13	
Eff, Aug. 1, 2023	All @	$0.2881												$97.53	$122.52	$246.82	$466.87	
	COG 1	$0.4175									$486.00						$486.00	
	COG 2	$0.4175										$264.65					$264.65	
	COG 3	$0.4175											$174.90				$174.90	
	COG 4	$0.4175												$141.33			$141.33	
	COG 5	$0.4175													$177.56		$177.56	
	COG 6	$0.4175														$357.68	$357.68	
Summer Period Weighted Avg. COG		$0.4175																
	LDAC	$ 0.0503									$58.55	$31.88	$21.07	$17.03	$21.39	$43.09	$193.02	
	TOTAL			$2,190.28	$3,901.48	$4,972.67	$4,976.82	$4,237.13	$2,286.34	**$22,564.73**	$1,105.16	$704.29	$541.75	$480.89	$546.47	$872.60	$4,251.15	$26,815.88
	Change			($529.68)	($935.91)	($1,107.22)	($1,108.19)	($674.40)	$76.51	**($4,278.89)**	$152.73	$83.17	$54.96	$44.48	$55.88	$112.57	**$503.79**	($3,775.10)
	% Chg			-24.18%	-23.99%	-22.27%	-22.27%	-15.92%	3.35%	**-18.96%**	13.82%	11.81%	10.15%	9.25%	10.23%	12.90%	**11.85%**	-14.08%

*-Note- Weighted by usage. Actual Weather Normalized.

NORTHERN UTILITIES, INC. - NEW HAMPSHIRE DIVISION

Typical G-42 Commercial & Industrial Bill

Comparison of Winter 2023-2024 vs. Winter 2022-2023

				Nov	Dec	Jan	Feb	Mar	Apr	Winter	May	June	July	August	Sept	October	Summer	Annual
2		Typical Usage: therms (*)		14,897	22,286	23,850	24,127	21,629	12,631	119,420	9,214	6,059	4,751	5,062	6,845	10,257	42,188	161,608
3		**Winter 2023 - 2024**																
4	Customer Charge	units @	$ 1,350.00	$1,350.00	$1,350.00	$1,350.00	$1,350.00	$1,350.00	$1,350.00	$8,100.00								
5	All	units @	$0.2182	$3,250.42	$4,862.87	$5,204.06	$5,264.62	$4,719.44	$2,756.11	$26,057.52								
6	All	RDAC	$0.0169	$251.75	$376.64	$403.06	$407.75	$365.53	$213.47	$2,018.20								
7		Total Base Rates	$0.2351	$3,502.17	$5,239.51	$5,607.13	$5,672.37	$5,084.97	$2,969.58	$28,075.73								
6		COG 1	$0.7402	$11,026.40						$11,026.40								
7		COG 2	$0.7402		$16,496.32					$16,496.32								
8		COG 3	$0.7402			$17,653.74				$17,653.74								
9		COG 4	$0.7402				$17,859.16			$17,859.16								
10		COG 5	$0.7402					$16,009.76		$16,009.76								
11		COG 6	$0.7402						$9,349.57	$9,349.57								
12		LDAC	$0.0362	$539.25	$806.76	$863.37	$873.41	$782.97	$457.25	$4,323.02								
13		**Summer 2024**																
14	Customer Charge	units @	$ 1,350.00								$ 1,350.00	$1,350.00	$1,350.00	$1,350.00	$1,350.00	$1,350.00	$8,100.00	
15	All	units @	$0.2182								$2,010.42	$1,322.03	$1,036.77	$1,104.52	$1,493.68	$2,238.03	$9,205.44	
16	All	RDAC	$0.0008								$7.37	$4.85	$3.80	$4.05	$5.48	$8.21	$33.75	
17		Total Base Rates	$0.2190								$2,017.79	$1,326.88	$1,040.57	$1,108.57	$1,499.16	$2,246.23	$9,239.19	
16		COG 1	$0.5622								$5,179.92						$5,179.92	
17		COG 2	$0.5622									$3,406.25					$3,406.25	
18		COG 3	$0.5622										$2,671.26				$2,671.26	
19		COG 4	$0.5622											$2,845.84			$2,845.84	
20		COG 5	$0.5622												$3,848.52		$3,848.52	
21		COG 6	$0.5622													$5,766.35	$5,766.35	
22	Summer Period Weighted Avg. COG		$0.5622															
23		LDAC	$ 0.0362								$333.53	$219.33	$172.00	$183.24	$247.81	$371.29	$1,527.21	
24			**TOTAL**	$16,417.83	$23,892.59	$25,474.24	$25,754.95	$23,227.70	$14,126.40	**$128,893.70**	$ 8,881.24	$ 6,302.46	$ 5,233.83	$ 5,487.65	$ 6,945.48	$ 9,733.88	$ 42,584.55	$171,478.25
	Base Rate Change Winter		**$ Change**	($4.47)	($6.69)	($7.15)	($7.24)	($6.49)	($3.79)	**($35.83)**								
	Base Rate Change Winter		**% Change**	-0.02%	-0.02%	-0.02%	-0.02%	-0.02%	-0.03%	-0.02%								
	RDAC Change Winter		**$ Change**	$251.75	$376.64	$403.06	$407.75	$365.53	$213.47	**$2,018.20**								
	RDAC Change Winter		**% Change**	1.13%	1.17%	1.21%	1.21%	1.31%	1.57%	1.24%								
	Total Base Rate Change		**$ Change**	$247.28	$369.95	$395.91	$400.52	$359.04	$209.68	**$1,982.38**								
	Total Base Rate Change		**% Change**	1.11%	1.15%	1.19%	1.19%	1.28%	1.54%	**1.22%**								
	COG Change Winter		**$ Change**	($5,997.34)	($8,310.56)	($7,906.26)	($7,998.26)	($4,782.16)	$455.98	**($34,538.60)**								
			% Change	-26.82%	-25.87%	-23.73%	-23.74%	-17.11%	3.34%	**-21.18%**								
	LDAC Change Winter		**$ Change**	($195.14)	($291.95)	($336.28)	($340.20)	($304.97)	($178.10)	**($1,646.64)**								
			% Change	-0.873%	-0.909%	-1.009%	-1.010%	-1.091%	-1.306%	**-1.01%**								

				Nov	Dec	Jan	Feb	Mar	Apr	Winter	May	June	July	August	Sept	October	Summer	Annual
26		Typical Usage: therms		14,897	22,286	23,850	24,127	21,629	12,631	119,420	9,214	6,059	4,751	5,062	6,845	10,257	42,188	161,608
27		**Winter 2022 - 2023**																
28	Customer Charge	units @	$ 1,350.00	$1,350.00	$1,350.00	$1,350.00	$1,350.00	$1,350.00	$1,350.00	$8,100.00								
29	All	units @	$0.2185	$3,254.89	$4,869.56	$5,211.22	$5,271.85	$4,725.93	$2,759.90	$26,093.35								
30		COG 1	$1.1428	$17,023.74						$17,023.74								
31		COG 2	$1.1131		$24,806.88					$24,806.88								
32		COG 3	$1.0717			$25,560.01				$25,560.01								
33		COG 4	$1.0717				$25,857.42			$25,857.42								
34		COG 5	$0.9613					$20,791.92		$20,791.92								
35		COG 6	$0.7041						$8,893.58	$8,893.58								
36	Winter Period Weighted Avg. COG		$1.0294															
37		LDAC	$ 0.0493	$734.40	$1,098.71					$1,833.11								
38		LDAC 2, January 1	$ 0.0503			$1,199.65	$1,213.61	$1,087.94	$635.35	$4,136.55								
39																		
40		**Summer 2023**																
41	Customer Charge**	units @	$ 1,350.00								$1,350.00	$1,350.00	$1,350.00	$1,350.00	$1,350.00	$1,350.00	$8,100.00	
42	All	units @	$0.2185								$2,013.18	$1,323.85	$1,038.19				$4,375.22	
43	Eff, Aug. 1, 2023	All @	$0.2182											$1,104.52	$1,493.68	$2,238.03	$4,836.23	
44		COG 1	$0.4175								$3,846.70						$3,846.70	
45		COG 2	$0.4175									$2,529.55					$2,529.55	
46		COG 3	$0.4175										$1,983.73				$1,983.73	
47		COG 4	$0.4175											$2,113.37			$2,113.37	
48		COG 5	$0.4175												$2,857.98		$2,857.98	
49		COG 6	$0.4175													$4,282.20	$4,282.20	
50	Summer Period Weighted Avg. COG		$0.4175															
51		LDAC	$ 0.0503								$463.45	$304.76	$239.00	$254.62	$344.33	$515.92	$2,122.06	
52			**TOTAL**	$22,363.03	$32,125.15	$33,320.88	$33,692.89	$27,955.79	$13,638.83	**$163,096.57**	$7,673.33	$5,508.15	$4,610.92	$4,822.51	$6,045.99	$8,386.14	$37,047.04	$200,143.61
53			**Change**	($5,945.20)	($8,232.56)	($7,846.64)	($7,937.94)	($4,728.09)	$487.56	**($34,202.87)**	$1,207.91	$794.31	$622.91	$665.14	$899.49	$1,347.74	**$5,537.51**	($28,665.36)
54			**% Chg**	-26.58%	-25.63%	-23.55%	-23.56%	-16.91%	3.57%	**-20.97%**	15.74%	14.42%	13.51%	13.79%	14.88%	16.07%	**14.95%**	-14.32%

*-Note- Weighted by usage. Actual Weather Normalized.

NORTHERN UTILITIES, INC. - NEW HAMPSHIRE DIVISION

Typical G-50 Commercial & Industrial Bill

Comparison of Winter 2023-2024 vs. Winter 2022-2023

				Nov	Dec	Jan	Feb	Mar	Apr	Winter	May	June	July	August	Sept	October	Summer	Annual
Typical Usage: therms (*)				146	176	213	215	204	165	1,119	158	161	161	159	158	144	940	2,060
Winter 2023 - 2024																		
Customer Charge	units @	$ 80.00		$80.00	$80.00	$80.00	$80.00	$80.00	$80.00	$480.00								
All	units @	$0.2338		$34.14	$41.15	$49.73	$50.30	$47.81	$38.57	$261.70								
All	RDAC	($0.0112)		($1.64)	($1.97)	($2.38)	($2.41)	($2.29)	($1.85)	($12.54)								
	Total Base Rates	$0.2226		$32.50	$39.18	$47.35	$47.89	$45.52	$36.72	$249.16								
	COG 1	$0.6587		$96.18						$96.18								
	COG 2	$0.6587			$115.94					$115.94								
	COG 3	$0.6587				$140.11				$140.11								
	COG 4	$0.6587					$141.72			$141.72								
	COG 5	$0.6587						$134.69		$134.69								
	COG 6	$0.6587							$108.66	$108.66								
	LDAC	$0.0362		$5.29	$6.37	$7.70	$7.79	$7.40	$5.97	$40.52								
Summer 2024																		
Customer Charge	units @	$ 80.00									$ 80.00	$80.00	$80.00	$80.00	$ 80.00	$80.00	$480.00	
All	units @	$0.2338									$36.88	$37.59	$37.73	$37.09	$36.87	$33.65	$219.81	
All	RDAC	($0.0037)									($0.58)	($0.59)	($0.60)	($0.59)	($0.58)	($0.53)	($3.48)	
	Total Base Rates	$0.2301									$36.30	$37.00	$37.14	$36.51	$36.29	$33.11	$216.34	
	COG 1	$0.4443									$70.09						$70.09	
	COG 2	$0.4443										$71.44					$71.44	
	COG 3	$0.4443											$71.71				$71.71	
	COG 4	$0.4443												$70.49			$70.49	
	COG 5	$0.4443													$70.06		$70.06	
	COG 6	$0.4443														$63.94	$63.94	
Summer Period Weighted Avg. COG		$0.4443																
	LDAC	$ 0.0362									$5.71	$5.82	$5.84	$5.74	$5.71	$5.21	$34.03	
	TOTAL			$213.98	$241.49	$275.16	$277.41	$267.61	$231.36	**$1,506.99**	$ 192.10	$ 194.25	$ 194.68	$ 192.74	$ 192.06	$ 182.26	$ 1,148.09	$2,655.08
Base Rate Change Winter		**$ Change**		($0.31)	($0.37)	($0.45)	($0.45)	($0.43)	($0.35)	**($2.35)**								
Base Rate Change Winter		**% Change**		-0.11%	-0.12%	-0.13%	-0.13%	-0.14%	-0.15%	-0.13%								
RDAC Change Winter		**$ Change**		($1.64)	($1.97)	($2.38)	($2.41)	($2.29)	($1.85)	**($12.54)**								
RDAC Change Winter		**% Change**		-0.59%	-0.64%	-0.68%	-0.68%	-0.72%	-0.81%	-0.68%								
Total Base Rate Change		**$ Change**		($1.94)	($2.34)	($2.83)	($2.86)	($2.72)	($2.19)	**($14.89)**								
Total Base Rate Change		**% Change**		-0.70%	-0.75%	-0.81%	-0.81%	-0.86%	-0.96%	**-0.81%**								
COG Change Winter		**$ Change**		($57.66)	($64.28)	($68.87)	($69.67)	($43.64)	$7.23	**($296.89)**								
		% Change		-20.93%	-20.71%	-19.69%	-19.74%	-13.77%	3.16%	**-16.19%**								
LDAC Change Winter		**$ Change**		($1.91)	($2.31)	($3.00)	($3.03)	($2.88)	($2.33)	**($15.46)**								
		% Change		-0.69%	-0.74%	-0.86%	-0.86%	-0.91%	-1.02%	**-0.84%**								

				Nov	Dec	Jan	Feb	Mar	Apr	Winter	May	June	July	August	Sept	October	Summer	Annual
Typical Usage: therms				146	176	213	215	204	165	1,119	158	161	161	159	158	144	940	2,060
Winter 2022 - 2023																		
Customer Charge	units @	$ 80.00		$80.00	$80.00	$80.00	$80.00	$80.00	$80.00	$480.00								
All	units @	$0.2359		$34.45	$41.52	$50.18	$50.76	$48.24	$38.92	$264.05								
	COG 1	$1.0536		$153.85						$153.85								
	COG 2	$1.0239			$180.21					$180.21								
	COG 3	$0.9825				$208.98				$208.98								
	COG 4	$0.9825					$211.39			$211.39								
	COG 5	$0.8721						$178.32		$178.32								
	COG 6	$0.6149							$101.44	$101.44								
Winter Period Weighted Avg. COG		$0.9239																
	LDAC	$ 0.0493		$7.20	$8.68					$15.88								
	LDAC 2, January 1	$ 0.0503				$10.70	$10.82	$10.29	$8.30	$40.10								
Summer 2023																		
Customer Charge**	units @	$ 80.00									$80.00	$80.00	$80.00	$80.00	$80.00	$80.00	$480.00	
All	units @	$0.2359									$37.21	$37.93	$38.07				$113.22	
Eff, Aug. 1, 2023	All @	$0.2338												$37.09	$36.87	$33.65	$107.61	
	COG 1	$0.3123									$49.27						$49.27	
	COG 2	$0.3123										$50.21					$50.21	
	COG 3	$0.3123											$50.40				$50.40	
	COG 4	$0.3123												$49.55			$49.55	
	COG 5	$0.3123													$49.25		$49.25	
	COG 6	$0.3123														$44.94	$44.94	
Summer Period Weighted Avg. COG		$0.3123																
	LDAC	$ 0.0503									$7.94	$8.09	$8.12	$7.98	$7.93	$7.24	$47.29	
	TOTAL			$275.49	$310.41	$349.86	$352.97	$316.84	$228.65	**$1,834.23**	$174.42	$176.23	$176.59	$174.62	$174.05	$165.83	$1,041.73	$2,875.97
	Change			($61.52)	($68.92)	($74.70)	($75.56)	($49.24)	$2.71	**($327.24)**	$17.68	$18.02	$18.09	$18.12	$18.01	$16.43	**$106.36**	($220.88)
	% Chg			-22.33%	-22.20%	-21.35%	-21.41%	-15.54%	1.18%	**-17.84%**	10.14%	10.23%	10.24%	10.38%	10.35%	9.91%	**10.21%**	-7.68%

*-Note- Weighted by usage. Actual Weather Normalized.

NORTHERN UTILITIES, INC. - NEW HAMPSHIRE DIVISION

Typical G-51 Commercial & Industrial Bill

Comparison of Winter 2023-2024 vs. Winter 2022-2023

				Nov	Dec	Jan	Feb	Mar	Apr	Winter	May	June	July	August	Sept	October	Summer	Annual
Typical Usage: therms (*)				1,407	1,740	2,023	2,043	1,941	1,560	10,715	1,413	1,195	1,172	1,188	1,222	1,289	7,479	18,194
Winter 2023 - 2024																		
Customer Charge	units @	$ 225.00		$225.00	$225.00	$225.00	$225.00	$225.00	$225.00	$1,350.00								
All	units @	$0.1763		$248.11	$306.81	$356.64	$360.24	$342.27	$274.95	$1,889.02								
All	RDAC	($0.0112)		($15.76)	($19.49)	($22.66)	($22.89)	($21.74)	($17.47)	($120.01)								
	Total Base Rates	$0.1651		$232.35	$287.31	$333.98	$337.36	$320.53	$257.48	$1,769.02								
	COG 1	$0.6587		$927.01						$927.01								
	COG 2	$0.6587			$1,146.30					$1,146.30								
	COG 3	$0.6587				$1,332.49				$1,332.49								
	COG 4	$0.6587					$1,345.96			$1,345.96								
	COG 5	$0.6587						$1,278.81		$1,278.81								
	COG 6	$0.6587							$1,027.28	$1,027.28								
	LDAC	$0.0362		$50.95	$63.00	$73.23	$73.97	$70.28	$56.46	$387.88								
Summer 2024																		
Customer Charge	units @	$ 225.00									$ 225.00	$225.00	$225.00	$225.00	$ 225.00	$225.00	$1,350.00	
All	units @	$0.1763									$249.03	$210.69	$206.63	$209.46	$215.44	$227.30	$1,318.55	
All	RDAC	($0.0037)									($5.23)	($4.42)	($4.34)	($4.40)	($4.52)	($4.77)	($27.67)	
	Total Base Rates	$0.1726									$243.80	$206.27	$202.30	$205.06	$210.92	$222.53	$1,290.88	
	COG 1	$0.4443									$627.58						$627.58	
	COG 2	$0.4443										$530.98					$530.98	
	COG 3	$0.4443											$520.75				$520.75	
	COG 4	$0.4443												$527.86			$527.86	
	COG 5	$0.4443													$542.94		$542.94	
	COG 6	$0.4443														$572.83	$572.83	
Summer Period Weighted Avg. COG		$0.4443																
	LDAC	$ 0.0362									$51.13	$43.26	$42.43	$43.01	$44.24	$46.67	$270.74	
	TOTAL			$1,435.31	$1,721.61	$1,964.70	$1,982.29	$1,894.62	$1,566.21	**$10,564.74**	$ 1,147.52	$ 1,005.51	$ 990.48	$ 1,000.93	$ 1,023.09	$ 1,067.03	$ 6,234.55	$16,799.29
Base Rate Change Winter		**$ Change**		($0.99)	($1.22)	($1.42)	($1.43)	($1.36)	($1.09)	**($7.50)**								
Base Rate Change Winter		**% Change**		-0.05%	-0.05%	-0.05%	-0.05%	-0.06%	-0.07%	-0.05%								
RDAC Change Winter		**$ Change**		($15.76)	($19.49)	($22.66)	($22.89)	($21.74)	($17.47)	**($120.01)**								
RDAC Change Winter		**% Change**		-0.78%	-0.81%	-0.85%	-0.85%	-0.92%	-1.14%	-0.88%								
Total Base Rate Change		**$ Change**		($16.75)	($20.71)	($24.07)	($24.32)	($23.10)	($18.56)	**-$127.51**								
Total Base Rate Change		**% Change**		-0.83%	-0.86%	-0.90%	-0.90%	-0.98%	-1.21%	**-0.93%**								
COG Change Winter		**$ Change**		($555.76)	($635.54)	($655.02)	($661.64)	($414.30)	$68.31	**-$2,853.94**								
		% Change		-27.43%	-26.47%	-24.51%	-24.53%	-17.56%	4.44%	**-20.84%**								
LDAC Change Winter		**$ Change**		($18.44)	($22.80)	($28.52)	($28.81)	($27.37)	($21.99)	**-$147.93**								
		% Change		-0.91%	-0.95%	-1.07%	-1.07%	-1.16%	-1.43%	**-1.08%**								

				Nov	Dec	Jan	Feb	Mar	Apr	Winter	May	June	July	August	Sept	October	Summer	Annual
Typical Usage: therms				1,407	1,740	2,023	2,043	1,941	1,560	10,715	1,413	1,195	1,172	1,188	1,222	1,289	7,479	18,194
Winter 2022 - 2023																		
Customer Charge	units @	$ 225.00		$225.00	$225.00	$225.00	$225.00	$225.00	$225.00	$1,350.00								
All	units @	$0.1770		$249.10	$308.02	$358.05	$361.67	$343.63	$276.04	$1,896.52								
	COG 1	$1.0536		$1,482.77						$1,482.77								
	COG 2	$1.0239			$1,781.84					$1,781.84								
	COG 3	$0.9825				$1,987.50				$1,987.50								
	COG 4	$0.9825					$2,007.60			$2,007.60								
	COG 5	$0.8721						$1,693.11		$1,693.11								
	COG 6	$0.6149							$958.97	$958.97								
Winter Period Weighted Avg. COG		$0.9251																
	LDAC	$ 0.0493		$69.38	$85.79					$155.18								
	LDAC 2, January 1	$ 0.0503				$101.75	$102.78	$97.65	$78.45	$380.63								
Summer 2023																		
Customer Charge**	units @	$ 225.00									$225.00	$225.00	$225.00	$225.00	$225.00	$225.00	$1,350.00	
All	units @	$0.1770									$250.02	$211.53	$207.46				$669.00	
Eff, Aug. 1, 2023	All @	$0.1763												$209.46	$215.44	$227.30	$652.20	
	COG 1	$0.3123									$441.13						$441.13	
	COG 2	$0.3123										$373.23					$373.23	
	COG 3	$0.3123											$366.04				$366.04	
	COG 4	$0.3123												$371.03			$371.03	
	COG 5	$0.3123													$381.63		$381.63	
	COG 6	$0.3123														$402.64	$402.64	
Summer Period Weighted Avg. COG		$0.3123																
	LDAC	$ 0.0503									$71.05	$60.11	$58.95	$59.76	$61.47	$64.85	$376.20	
	TOTAL			$2,026.25	$2,400.66	$2,672.31	$2,697.06	$2,359.39	$1,538.45	**$13,694.12**	$987.20	$869.87	$857.45	$865.25	$883.54	$919.79	$5,383.09	$19,077.21
	Change			($590.94)	($679.04)	($707.61)	($714.77)	($464.77)	$27.76	**($3,129.38)**	$160.32	$135.64	$133.03	$135.68	$139.55	$147.24	**$851.46**	($2,277.92)
	% Chg			-29.16%	-28.29%	-26.48%	-26.50%	-19.70%	1.80%	**-22.85%**	16.24%	15.59%	15.51%	15.68%	15.79%	16.01%	**15.82%**	-11.94%

*-Note- Weighted by usage. Actual Weather Normalized.

NORTHERN UTILITIES, INC. - NEW HAMPSHIRE DIVISION

Typical G-52 Commercial & Industrial Bill

Comparison of Winter 2023-2024 vs. Winter 2022-2023

				Nov	Dec	Jan	Feb	Mar	Apr	Winter	May	June	July	August	Sept	October	Summer	Annual
2		Typical Usage: therms (*)		46,614	46,516	48,918	45,300	48,311	42,114	277,772	40,709	35,470	34,408	39,652	39,569	42,937	232,746	510,518
3	**Winter 2023 - 2024**																	
4	Customer Charge	units @	$ 1,350.00	$1,350.00	$1,350.00	$1,350.00	$1,350.00	$1,350.00	$1,350.00	$8,100.00								
5	All	units @	$0.1791	$8,348.57	$8,330.95	$8,761.18	$8,113.18	$8,652.45	$7,542.57	$49,748.89								
6	All	RDAC	($0.0112)	($522.08)	($520.98)	($547.88)	($507.36)	($541.08)	($471.67)	($3,111.04)								
7		Total Base Rates	$0.1679	$7,826.50	$7,809.97	$8,213.30	$7,605.82	$8,111.37	$7,070.89	$46,637.85								
8		COG 1	$0.6587	$30,704.66						$30,704.66								
9		COG 2	$0.6587		$30,639.84					$30,639.84								
10		COG 3	$0.6587			$32,222.16				$32,222.16								
11		COG 4	$0.6587				$29,838.91			$29,838.91								
12		COG 5	$0.6587					$31,822.25		$31,822.25								
13		COG 6	$0.6587						$27,740.31	$27,740.31								
14		LDAC	$0.0362	$1,687.43	$1,683.87	$1,770.82	$1,639.85	$1,748.85	$1,524.52	$10,055.33								
15	**Summer 2024**																	
16	Customer Charge	units @	$ 1,350.00								$ 1,350.00	$1,350.00	$1,350.00	$1,350.00	$ 1,350.00	$1,350.00	$8,100.00	
17	All	units @	$0.1094								$4,453.60	$3,880.46	$3,764.23	$4,337.93	$4,328.89	$4,697.33	$25,462.44	
18	All	RDAC	($0.0037)								($150.62)	($131.24)	($127.31)	($146.71)	($146.41)	($158.87)	($861.16)	
19		Total Base Rates	$0.1057								$4,302.98	$3,749.22	$3,636.92	$4,191.22	$4,182.48	$4,538.46	$24,601.28	
20		COG 1	$0.4443								$18,087.15						$18,087.15	
21		COG 2	$0.4443									$15,759.50					$15,759.50	
22		COG 3	$0.4443										$15,287.46				$15,287.46	
23		COG 4	$0.4443											$17,617.40			$17,617.40	
24		COG 5	$0.4443												$17,580.66		$17,580.66	
25		COG 6	$0.4443													$19,077.00	$19,077.00	
26	Summer Period Weighted Avg. COG		$0.4443															
27		LDAC	$ 0.0362								$1,473.68	$1,284.03	$1,245.57	$1,435.40	$1,432.41	$1,554.33	$8,425.42	
28		**TOTAL**		$41,568.58	$41,483.68	$43,556.28	$40,434.58	$43,032.47	$37,685.72	**$247,761.31**	$25,213.81	$22,142.75	$21,519.95	$24,594.02	$24,545.55	$26,519.79	$144,535.88	$392,297.19
	Base Rate Change Winter		**$ Change**	($23.31)	($23.26)	($24.46)	($22.65)	($24.16)	($21.06)	**($138.89)**								
	Base Rate Change Winter		**% Change**	-0.04%	-0.04%	-0.04%	-0.04%	-0.04%	-0.06%	-0.04%								
	RDAC Change Winter		**$ Change**	($522.08)	($520.98)	($547.88)	($507.36)	($541.08)	($471.67)	**($3,111.04)**								
	RDAC Change Winter		**% Change**	-0.85%	-0.87%	-0.90%	-0.90%	-0.99%	-1.28%	-0.95%								
	Total Base Rate Change		**$ Change**	($545.38)	($544.23)	($572.34)	($530.01)	($565.24)	($492.73)	**($3,249.93)**								
	Total Base Rate Change		**% Change**	-0.89%	-0.04%	-0.04%	-0.04%	-0.04%	-0.06%	-0.04%								
	COG Change Winter		**$ Change**	($18,407.88)	($16,987.51)	($15,839.59)	($14,668.04)	($10,309.50)	$1,844.58	**($74,367.94)**								
			% Change	-30.11%	-28.49%	-26.11%	-26.07%	-18.89%	5.00%	-22.59%								
	LDAC Change Winter		**$ Change**	($610.64)	($609.35)	($689.74)	($638.73)	($681.18)	($593.80)	**($3,823.45)**								
			% Change	-1.00%	-1.02%	-1.14%	-1.14%	-1.25%	-1.61%	-1.16%								

				Nov	Dec	Jan	Feb	Mar	Apr	Winter	May	June	July	August	Sept	October	Summer	Annual
30		Typical Usage: therms		46,614	46,516	48,918	45,300	48,311	42,114	277,772	40,709	35,470	34,408	39,652	39,569	42,937	232,746	510,518
31	**Winter 2022 - 2023**																	
32	Customer Charge	units @	$ 1,350.00	$1,350.00	$1,350.00	$1,350.00	$1,350.00	$1,350.00	$1,350.00	$8,100.00								
33	All	units @	$0.1796	$8,371.88	$8,354.21	$8,785.64	$8,135.83	$8,676.60	$7,563.62	$49,887.77								
34		COG 1	$1.0536	$49,112.54						$49,112.54								
35		COG 2	$1.0239		$47,627.35					$47,627.35								
36		COG 3	$0.9825			$48,061.74				$48,061.74								
37		COG 4	$0.9825				$44,506.95			$44,506.95								
38		COG 5	$0.8721					$42,131.76		$42,131.76								
39		COG 6	$0.6149						$25,895.73	$25,895.73								
40	Winter Period Weighted Avg. COG		$0.9264															
41		LDAC	$ 0.0493	$2,298.07	$2,293.22					$4,591.29								
42		LDAC 2, January 1	$ 0.0503			$2,460.57	$2,278.57	$2,430.03	$2,118.32	$9,287.49								
43																		
44	**Summer 2023**																	
45	Customer Charge**	units @	$ 1,350.00								$1,350.00	$1,350.00	$1,350.00	$1,350.00	$1,350.00	$1,350.00	$8,100.00	
46	All	units @	$0.1096								$4,461.74	$3,887.56	$3,771.11				$12,120.41	
47	Eff, Aug. 1, 2023	All units @	$0.1094											$4,337.93	$4,328.89	$4,697.33	$13,364.15	
48		COG 1	$0.3123								$12,713.52						$12,713.52	
49		COG 2	$0.3123									$11,077.41					$11,077.41	
50		COG 3	$0.3123										$10,745.61				$10,745.61	
51		COG 4	$0.3123											$12,383.33			$12,383.33	
52		COG 5	$0.3123												$12,357.51		$12,357.51	
53		COG 6	$0.3123													$13,409.29	$13,409.29	
54	Summer Period Weighted Avg. COG		$0.3123															
55		LDAC	$ 0.0503								$2,047.68	$1,784.16	$1,730.72	$1,994.50	$1,990.34	$2,159.74	$11,707.14	
56		**TOTAL**		$61,132.49	$59,624.78	$60,657.95	$56,271.35	$54,588.39	$36,927.67	**$329,202.63**	$20,572.94	$18,099.13	$17,597.44	$20,065.76	$20,026.73	$21,616.36	$117,978.37	$447,180.99
57		**Change**		($19,563.91)	($18,141.10)	($17,101.66)	($15,836.77)	($11,555.92)	$758.05	**($81,441.31)**	$4,640.86	$4,043.63	$3,922.51	$4,528.26	$4,518.82	$4,903.43	**$26,557.51**	($54,883.80)
58		**% Chg**		-32.00%	-30.43%	-28.19%	-28.14%	-21.17%	2.05%	**-24.74%**	22.56%	22.34%	22.29%	22.57%	22.56%	22.68%	**22.51%**	-12.27%

*-Note- Weighted by usage. Actual Weather Normalized.
** Effective August 1, 2022 the Customer Charge increased to $225.00.

NORTHERN UTILITIES, INC. - NEW HAMPSHIRE DIVISION

Typical Residential Heating Bill
Comparison of Summer 2024 vs. Summer 2023

					May	June	July	August	Sept	October	Summer
2	Typical Usage: therms(*)				35	18	13	11	12	22	111
3	**Summer 2024**										
4	Customer Charge	units @	$22.20		$22.20	$22.20	$22.20	$22.20	$22.20	$22.20	$133.20
5	All	units @	$0.9259		$32.00	$16.77	$12.16	$10.35	$11.43	$20.07	$102.77
6	All	RDAC	$0.1071		$3.70	$1.94	$1.41	$1.20	$1.32	$2.32	$11.89
7		Total Base Rates	$1.0330		$35.70	$18.71	$13.56	$11.55	$12.75	$22.39	$114.66
8		COG 1	$0.5117		$17.68						$17.68
9		COG 2	$0.5117			$9.27					$9.27
10		COG 3	$0.5117				$6.72				$6.72
11		COG 4	$0.5117					$5.72			$5.72
12		COG 5	$0.5117						$6.32		$6.32
13		COG 6	$0.5117							$11.09	$11.09
14		Summer Period Avg. COG	$0.5117	*							
15		LDAC	$0.0883		$3.05	$1.60	$1.16	$0.99	$1.09	$1.91	$9.80
16			**TOTAL**		$78.63	$51.77	$43.64	$40.46	$42.36	$57.60	**$314.46**
	Base Rate Change Summer		**$ Change**		($0.02)	($0.01)	($0.01)	$0.00	$0.00	$0.00	($0.05)
	Base Rate Change Summer		**% Change**		-0.03%	-0.03%	-0.02%	0.00%	0.00%	0.00%	-0.02%
	RDAC Change Summer		**$ Change**		$3.70	$1.94	$1.41	$1.20	$1.32	$2.32	**$11.89**
	RDAC Change Summer		**% Change**		5.04%	3.95%	3.37%	3.09%	3.26%	4.27%	3.99%
	Total Base Rate Change		**$ Change**		$3.68	$1.93	$1.40	$1.20	$1.32	$2.32	**$11.84**
	Total Base Rate Change		**% Change**		5.00%	3.93%	3.35%	3.09%	3.26%	4.27%	**3.97%**
	COG Change		**$ Change**		$4.87	$2.55	$1.85	$1.58	$1.74	$3.05	**$15.64**
			% Change		6.62%	5.20%	4.44%	4.06%	4.29%	5.62%	**5.25%**
	LDAC Change		**$ Change**		($3.41)	($1.79)	($1.30)	($1.10)	($1.22)	($2.14)	**($10.97)**
			% Change		-4.65%	-3.65%	-3.11%	-2.85%	-3.01%	-3.94%	**-3.68%**
17					May	June	July	August	Sept	October	Summer
18	Typical Usage: therms				35	18	13	11	12	22	111
19	**Summer 2023**										
20	Customer Charge	units @	$22.20		$22.20	$22.20	$22.20	$22.20	$22.20	$22.20	$133.20
21	All	units @	$0.9266		$32.02	$16.78	$12.17				$60.97
22	Eff. Aug 1, 2023	All @	$0.9259					$10.35	$11.43	$20.07	$41.85
23		COG 1	$0.3708		$12.81						$12.81
24		COG 2	$0.3708			$6.71					$6.71
25		COG 3	$0.3708				$4.87				$4.87
26		COG 4	$0.3708					$4.15			$4.15
27		COG 5	$0.3708						$4.58		$4.58
28		COG 6	$0.3708							$8.04	$8.04
29		Summer Period Avg. COG	$0.3708	*							
30		LDAC	$0.1871		$6.47	$3.39	$2.46	$2.09	$2.31	$4.06	$20.77
31			**TOTAL**		$73.50	$49.08	$41.69	$38.79	$40.52	$54.36	**$297.95**
32			**Change**		$5.13	$2.69	$1.95	$1.67	$1.84	$3.23	**$16.52**
33			**% Chg**		6.98%	5.48%	4.68%	4.30%	4.55%	5.95%	**5.54%**

*-Note- Weighted by actual usage.

NORTHERN UTILITIES, INC. -- NEW HAMPSHIRE DIVISION

Impact of Rate Changes on Residential Heating Bills by Usage Level

Forecast Summer 2024 vs. Actual Summer 2023

Residential Heating

	Summer 2023	Summer 2024
Customer Charge	$22.20	$22.20
First 50 Therms**	$0.7629	$0.9264
Over 50 therms**	$0.7629	$0.9264
LDAC	$0.1871	$0.0883
CGA	$0.3708	$0.5117

	Usage (Therms)	Summer 2022 Bill Amount	Summer 2023 Bill Amount	Total Bill		Base Rate		COG		LDAC	
	5	$28.80	$29.83	$1.03	3.6%	$0.82	2.8%	$0.70	2.4%	($0.49)	-1.7%
	10	$35.41	$37.46	$2.06	5.8%	$1.64	4.6%	$1.41	4.0%	($0.99)	-2.8%
	20	$48.62	$52.73	$4.11	8.5%	$3.27	6.7%	$2.82	5.8%	($1.98)	-4.1%
Monthly*	25	$55.22	$60.36	$5.14	9.3%	$4.09	7.4%	$3.52	6.4%	($2.47)	-4.5%
	30	$61.82	$67.99	$6.17	10.0%	$4.91	7.9%	$4.23	6.8%	($2.96)	-4.8%
	45	$81.64	$90.89	$9.25	11.3%	$7.36	9.0%	$6.34	7.8%	($4.45)	-5.5%
	50	$88.24	$98.52	$10.28	11.7%	$8.18	9.3%	$7.05	8.0%	($4.94)	-5.6%
	75	$121.26	$136.68	$15.42	12.7%	$12.27	10.1%	$10.57	8.7%	($7.41)	-6.1%
	125	$187.30	$213.00	$25.70	13.7%	$20.44	10.9%	$17.61	9.4%	($12.35)	-6.6%
	150	$220.32	$251.16	$30.84	14.0%	$24.53	11.1%	$21.14	9.6%	($14.82)	-6.7%
	200	$286.36	$327.48	$41.12	14.4%	$32.71	11.4%	$28.18	9.8%	($19.76)	-6.9%

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

NORTHERN UTILITIES, INC. - NEW HAMPSHIRE DIVISION

Typical Residential Non-Heating Bill

Comparison of Summer 2024 vs. Summer 2023

					May	June	July	August	Sept	October	Summer
2		Typical Usage: therms(*)			12	10	9	8	9	10	58
3		**Summer 2024**									
4	Customer Charge	units @	$22.20		$22.20	$22.20	$22.20	$22.20	$22.20	$22.20	$133.20
5	All	units @	$1.4005		$16.61	$13.53	$12.79	$11.38	$12.55	$14.57	$81.43
6	All	RDAC	$0.0933		$1.11	$0.90	$0.85	$0.76	$0.84	$0.97	$5.42
7		Total Base Rates	$1.4938		$17.72	$14.43	$13.64	$12.13	$13.39	$15.54	$86.85
8		COG 1	$0.5117		$6.07						$6.07
9		COG 2	$0.5117			$4.94					$4.94
10		COG 3	$0.5117				$4.67				$4.67
11		COG 4	$0.5117					$4.16			$4.16
12		COG 5	$0.5117						$4.59		$4.59
13		COG 6	$0.5117							$5.32	$5.32
14		Summer Period Avg. COG	$0.5117	*							
15		LDAC	$0.0883		$1.05	$0.85	$0.81	$0.72	$0.79	$0.92	$5.13
16			**TOTAL**		$47.04	$42.42	$41.32	$39.21	$40.97	$43.98	**$254.94**
	Base Rate Change Summer		**$ Change**		($0.06)	($0.05)	($0.04)	$0.00	$0.00	$0.00	($0.15)
	Base Rate Change Summer		**% Change**		-0.13%	-0.11%	-0.11%	0.00%	0.00%	0.00%	-0.06%
	RDAC Change Summer		**$ Change**		$1.11	$0.90	$0.85	$0.76	$0.84	$0.97	**$5.42**
	RDAC Change Summer		**% Change**		2.43%	2.19%	2.12%	1.99%	2.10%	2.28%	2.19%
	Total Base Rate Change		**$ Change**		$1.05	$0.85	$0.81	$0.76	$0.84	$0.97	**$5.28**
	Total Base Rate Change		**% Change**		2.31%	2.08%	2.01%	1.99%	2.10%	2.28%	**2.13%**
	COG Change		**$ Change**		$1.67	$1.36	$1.29	$1.14	$1.26	$1.47	**$8.19**
			% Change		3.67%	3.31%	3.21%	3.00%	3.18%	3.44%	**3.31%**
	LDAC Change		**$ Change**		($1.17)	($0.95)	($0.90)	($0.80)	($0.89)	($1.03)	**($5.74)**
			% Change		-2.58%	-2.32%	-2.25%	-2.11%	-2.23%	-2.41%	**-2.32%**

					May	June	July	August	Sept	October	Summer
18		Typical Usage: therms			12	10	9	8	9	10	58
19		**Summer 2023**									
20	Customer Charge	units @	$22.20		$22.20	$22.20	$22.20	$22.20	$22.20	$22.20	$133.20
21	All	units @	$1.4053		$16.67	$13.57	$12.84				$43.08
22	Eff. Aug 1, 2023	All @	$1.4005					$11.38	$12.55	$14.57	$38.50
23		COG 1	$0.3708		$4.40						$4.40
24		COG 2	$0.3708			$3.58					$3.58
25		COG 3	$0.3708				$3.39				$3.39
26		COG 4	$0.3708					$3.01			$3.01
27		COG 5	$0.3708						$3.32		$3.32
28		COG 6	$0.3708							$3.86	$3.86
29		Summer Period 2020 Avg. COG	$0.3708	*							
30		LDAC	$0.1871		$2.22	$1.81	$1.71	$1.52	$1.68	$1.95	$10.88
31			**TOTAL**		$45.49	$41.16	$40.13	$38.11	$39.75	$42.57	**$247.22**
32			**Change**		$1.55	$1.26	$1.19	$1.10	$1.21	$1.41	**$7.73**
33			**% Chg**		3.41%	3.06%	2.97%	2.89%	3.05%	3.31%	**3.12%**

*-Note- Weighted by actual usage.

NORTHERN UTILITIES, INC. - NEW HAMPSHIRE DIVISION

Typical G-40 Commercial & Industrial Bill
Comparison of Summer 2024 vs. Summer 2023

					May	June	July	August	Sept	October	Summer
2		Typical Usage: therms(*)			91	41	27	22	25	51	256
3		**Summer 2024**									
4	Customer Charge	units @	$ 80.00		$80.00	$80.00	$80.00	$80.00	$80.00	$80.00	$480.00
5	All	units @	$0.2554		$23.15	$10.46	$6.79	$5.57	$6.34	$13.07	$65.38
6	All	RDAC	$0.0008		$0.07	$0.03	$0.02	$0.02	$0.02	$0.04	$0.20
7		Total Base Rates	$0.2562		$23.22	$10.49	$6.81	$5.59	$6.36	$13.11	$65.58
8		COG 1	$0.5622		$50.96						$50.96
9		COG 2	$0.5622			$23.02					$23.02
10		COG 3	$0.5622				$14.94				$14.94
11		COG 4	$0.5622					$12.26			$12.26
12		COG 5	$0.5622						$13.96		$13.96
13		COG 6	$0.5622							$28.77	$28.77
14		Summer Period Avg. COG	$0.5622	*							
15		LDAC	$0.0362		$3.28	$1.48	$0.96	$0.79	$0.90	$1.85	$9.27
16			**TOTAL**		$157.47	$115.00	$102.71	$98.63	$101.22	$123.73	**$698.75**
	Base Rate Change Summer		**$ Change**		($0.02)	($0.01)	($0.01)	$0.00	$0.00	$0.00	($0.03)
	Base Rate Change Summer		**% Change**		-0.01%	-0.01%	-0.01%	0.00%	0.00%	0.00%	0.00%
	RDAC Change Summer		**$ Change**		$0.07	$0.03	$0.02	$0.02	$0.02	$0.04	**$0.20**
	RDAC Change Summer		**% Change**		0.05%	0.03%	0.02%	0.02%	0.02%	0.03%	0.03%
	Total Base Rate Change		**$ Change**		$0.05	$0.02	$0.02	$0.02	$0.02	$0.04	**$0.17**
	Total Base Rate Change		**% Change**		0.04%	0.02%	0.02%	0.02%	0.02%	0.03%	**0.03%**
	COG Change		**$ Change**		$13.12	$5.93	$3.84	$3.15	$3.59	$7.40	**$37.04**
			% Change		9.01%	5.41%	3.87%	3.29%	3.67%	6.33%	**5.57%**
	LDAC Change		**$ Change**		-$1.28	-$0.58	-$0.37	-$0.31	-$0.35	-$0.72	**($3.61)**
			% Change		-0.88%	-0.53%	-0.38%	-0.32%	-0.36%	-0.62%	**-0.54%**

					May	June	July	August	Sept	October	Summer
18		Typical Usage: therms			91	41	27	22	25	51	256
19		**Summer 2023**									
20	Customer Charge	units @	$ 80.00		$80.00	$80.00	$80.00	$80.00	$80.00	$80.00	$480.00
21	All	units @	$0.2556		$23.17	$10.47	$6.79				$40.43
22	Eff. Aug 1, 2023	All @	$0.2554					$5.57	$6.34	$13.07	$24.98
23		COG 1	$0.4175		$37.85						$37.85
24		COG 2	$0.4175			$17.10					$17.10
25		COG 3	$0.4175				$11.09				$11.09
26		COG 4	$0.4175					$9.10			$9.10
27		COG 5	$0.4175						$10.37		$10.37
28		COG 6	$0.4175							$21.36	$21.36
29		Summer Period 2020 Avg. COG	$0.4175	*							
30		LDAC	$0.0503		$4.56	$2.06	$1.34	$1.10	$1.25	$2.57	$12.88
31			**TOTAL**		$145.58	$109.62	$99.22	$95.77	$97.95	$117.01	**$665.15**
32			**Change**		$11.89	$5.37	$3.49	$2.87	$3.26	$6.72	**$33.60**
33			**% Chg**		8.17%	4.90%	3.51%	2.99%	3.33%	5.75%	**5.05%**

*-Note- Weighted by actual usage.

NORTHERN UTILITIES, INC. - NEW HAMPSHIRE DIVISION

Typical G-41 Commercial & Industrial Bill
Comparison of Summer 2024 vs. Summer 2023

					May	June	July	August	Sept	October	Summer
2	Typical Usage: therms(*)				1,164	634	419	339	425	857	3,837
3	**Summer 2024**										
4	Customer Charge	units @	$ 225.00		$225.00	$225.00	$225.00	$225.00	$225.00	$225.00	$1,350.00
5	All	units @	$0.2881		$335.37	$182.62	$120.69	$97.53	$122.52	$246.82	$1,105.56
6	All	RDAC	$0.0008		$0.93	$0.51	$0.34	$0.27	$0.34	$0.69	$3.07
7		Total Base Rates	$0.2889		$336.30	$183.13	$121.03	$97.80	$122.86	$247.51	$1,108.63
8		COG 1	$0.5622		$654.45						$654.45
9		COG 2	$0.5622			$356.37					$356.37
10		COG 3	$0.5622				$235.52				$235.52
11		COG 4	$0.5622					$190.32			$190.32
12		COG 5	$0.5622						$239.09		$239.09
13		COG 6	$0.5622							$481.65	$481.65
14		Summer Period Avg. COG	$0.5622	*							
15		LDAC	$0.0362		$42.14	$22.95	$15.16	$12.25	$15.40	$31.01	$138.91
16			**TOTAL**		$1,257.89	$787.45	$596.71	$525.37	$602.35	$985.17	**$4,754.94**
	Base Rate Change Summer		**$ Change**		($0.23)	($0.13)	($0.08)	$0.00	$0.00	$0.00	**($0.44)**
	Base Rate Change Summer		**% Change**		-0.02%	-0.02%	-0.02%	0.00%	0.00%	0.00%	-0.01%
	RDAC Change Summer		**$ Change**		$0.93	$0.51	$0.34	$0.27	$0.34	$0.69	**$3.07**
	RDAC Change Summer		**% Change**		0.08%	0.07%	0.06%	0.06%	0.06%	0.08%	0.07%
	Total Base Rate Change		**$ Change**		$0.70	$0.38	$0.25	$0.27	$0.34	$0.69	**$2.63**
	Total Base Rate Change		**% Change**		0.06%	0.05%	0.05%	0.06%	0.06%	0.08%	**0.06%**
	COG Change		**$ Change**		$168.44	$91.72	$60.62	$48.98	$61.54	$123.97	**$555.27**
			% Change		15.24%	13.02%	11.19%	10.19%	11.26%	14.21%	**13.06%**
	LDAC Change		**$ Change**		($16.41)	($8.94)	($5.91)	($4.77)	($6.00)	($12.08)	**($54.11)**
			% Change		-1.49%	-1.27%	-1.09%	-0.99%	-1.10%	-1.38%	**-1.27%**

					May	June	July	August	Sept	October	Summer
18	Typical Usage: therms				1,164	634	419	339	425	857	3,837
19	**Summer 2023**										
20	Customer Charge	units @	$ 225.00		$225.00	$225.00	$225.00	$225.00	$225.00	$225.00	$1,350.00
21	All	units @	$0.2883		$335.60	$182.75	$120.77				$639.13
22	Eff. Aug 1, 2023	All @	$0.2881					$97.53	$122.52	$246.82	$466.87
23		COG 1	$0.4175		$486.00						$486.00
24		COG 2	$0.4175			$264.65					$264.65
25		COG 3	$0.4175				$174.90				$174.90
26		COG 4	$0.4175					$141.33			$141.33
27		COG 5	$0.4175						$177.56		$177.56
28		COG 6	$0.4175							$357.68	$357.68
29		Summer Period 2020 Avg. COG	$0.4175	*							
30		LDAC	$0.0503		$58.55	$31.88	$21.07	$17.03	$21.39	$43.09	$193.02
31			**TOTAL**		$1,105.16	$704.29	$541.75	$480.89	$546.47	$872.60	**$4,251.15**

NORTHERN UTILITIES, INC. - NEW HAMPSHIRE DIVISION

Typical G-42 Commercial & Industrial Bill
Comparison of Summer 2024 vs. Summer 2023

					May	June	July	August	Sept	October	Summer
2		Typical Usage: therms(*)			9,214	6,059	4,751	5,062	6,845	10,257	42,188
3		**Summer 2024**									
4	Customer Charge	units @	$ 1,350.00		$1,350.00	$1,350.00	$1,350.00	$1,350.00	$1,350.00	$1,350.00	$8,100.00
5	All	units @	$0.2182		$2,010.42	$1,322.03	$1,036.77	$1,104.52	$1,493.68	$2,238.03	$9,205.44
6	All	RDAC	$0.0008		$7.37	$4.85	$3.80	$4.05	$5.48	$8.21	$33.75
7		Total Base Rates	$0.2190		$2,017.79	$1,326.88	$1,040.57	$1,108.57	$1,499.16	$2,246.23	$9,239.19
8		COG 1	$0.5622		$5,179.92						$5,179.92
9		COG 2	$0.5622			$3,406.25					$3,406.25
10		COG 3	$0.5622				$2,671.26				$2,671.26
11		COG 4	$0.5622					$2,845.84			$2,845.84
12		COG 5	$0.5622						$3,848.52		$3,848.52
13		COG 6	$0.5622							$5,766.35	$5,766.35
14		Summer Period Avg. COG	$0.5622	*							
15		LDAC	$0.0362		$333.53	$219.33	$172.00	$183.24	$247.81	$371.29	$1,527.21
16			**TOTAL**		$8,881.24	$6,302.46	$5,233.83	$5,487.65	$6,945.48	$9,733.88	**$42,584.55**
	Base Rate Change Summer		**$ Change**		($2.76)	($1.82)	($1.43)	$0.00	$0.00	$0.00	**($6.01)**
	Base Rate Change Summer		**% Change**		-0.04%	-0.03%	-0.03%	0.00%	0.00%	0.00%	-0.02%
	RDAC Change Summer		**$ Change**		$7.37	$4.85	$3.80	$4.05	$5.48	$8.21	**$33.75**
	RDAC Change Summer		**% Change**		0.10%	0.09%	0.08%	0.08%	0.09%	0.10%	0.09%
	Total Base Rate Change		**$ Change**		$4.61	$3.03	$2.38	$4.05	$5.48	$8.21	**$27.74**
	Total Base Rate Change		**% Change**		0.06%	0.05%	0.05%	0.08%	0.09%	0.10%	**0.07%**
	COG Change		**$ Change**		$1,333.22	$876.71	$687.53	$732.47	$990.54	$1,484.15	**$6,104.62**
			% Change		17.37%	15.92%	14.91%	15.19%	16.38%	17.70%	**16.48%**
	LDAC Change		**$ Change**		-$129.91	-$85.43	-$67.00	-$71.37	-$96.52	-$144.62	**($594.85)**
			% Change		-1.69%	-1.55%	-1.45%	-1.48%	-1.60%	-1.72%	**-1.61%**

					May	June	July	August	Sept	October	Summer
18		Typical Usage: therms			9,214	6,059	4,751	5,062	6,845	10,257	42,188
19		**Summer 2023**									
20	Customer Charge	units @	$ 1,350.00		$1,350.00	$1,350.00	$1,350.00	$1,350.00	$1,350.00	$1,350.00	$8,100.00
21	All	units @	$0.2185		$2,013.18	$1,323.85	$1,038.19				$4,375.22
22	Eff. Aug 1, 2023	All @	$0.2182					$1,104.52	$1,493.68	$2,238.03	$4,836.23
23		COG 1	$0.4175		$3,846.70						$3,846.70
24		COG 2	$0.4175			$2,529.55					$2,529.55
25		COG 3	$0.4175				$1,983.73				$1,983.73
26		COG 4	$0.4175					$2,113.37			$2,113.37
27		COG 5	$0.4175						$2,857.98		$2,857.98
28		COG 6	$0.4175							$4,282.20	$4,282.20
29		Summer Period 2020 Avg. COG	$0.4175	*							
30		LDAC	$0.0503		$463.45	$304.76	$239.00	$254.62	$344.33	$515.92	$2,122.06
31			**TOTAL**		$7,673.33	$5,508.15	$4,610.92	$4,822.51	$6,045.99	$8,386.14	**$37,047.04**

NORTHERN UTILITIES, INC. - NEW HAMPSHIRE DIVISION

Typical G-50 Commercial & Industrial Bill

Comparison of Summer 2024 vs. Summer 2023

					May	June	July	August	Sept	October	Summer
2			Typical Usage: therms(*)		158	161	161	159	158	144	940
3	**Summer 2024**										
4	Customer Charge	units @	$ 80.00		$80.00	$80.00	$80.00	$80.00	$80.00	$80.00	$480.00
5	All	units @	$0.2338		$36.88	$37.59	$37.73	$37.09	$36.87	$33.65	$219.81
6	All	RDAC	($0.0037)		($0.58)	($0.59)	($0.60)	($0.59)	($0.58)	($0.53)	($3.48)
7		Total Base Rat	$0.2301		$36.30	$37.00	$37.14	$36.51	$36.29	$33.11	$216.34
8		COG 1	$0.4443		$70.09						$70.09
9		COG 2	$0.4443			$71.44					$71.44
10		COG 3	$0.4443				$71.71				$71.71
11		COG 4	$0.4443					$70.49			$70.49
12		COG 5	$0.4443						$70.06		$70.06
13		COG 6	$0.4443							$63.94	$63.94
14		Summer Period Avg. COG	$0.4443	*							
15		LDAC	$0.0362		$5.71	$5.82	$5.84	$5.74	$5.71	$5.21	$34.03
16			**TOTAL**		$192.10	$194.25	$194.68	$192.74	$192.06	$182.26	**$1,148.09**
	Base Rate Change Summer		**$ Change**		($0.33)	($0.34)	($0.34)	$0.00	$0.00	$0.00	**($1.01)**
	Base Rate Change Summer		**% Change**		-0.19%	-0.19%	-0.19%	0.00%	0.00%	0.00%	-0.10%
	RDAC Change Summer		**$ Change**		($0.58)	($0.59)	($0.60)	($0.59)	($0.58)	($0.53)	**($3.48)**
	RDAC Change Summer		**% Change**		-0.33%	-0.34%	-0.34%	-0.34%	-0.34%	-0.32%	-0.33%
		Total Base Rate Change	**$ Change**		($0.91)	($0.93)	($0.94)	($0.59)	($0.58)	($0.53)	**($4.49)**
		Total Base Rate Change	**% Change**		-0.52%	-0.53%	-0.53%	-0.34%	-0.34%	-0.32%	**-0.43%**
	COG Change		**$ Change**		$20.82	$21.22	$21.30	$20.94	$20.82	$19.00	**$124.10**
			% Change		11.94%	12.04%	12.06%	11.99%	11.96%	11.46%	**11.91%**
	LDAC Change		**$ Change**		-$2.22	-$2.27	-$2.28	-$2.24	-$2.22	-$2.03	**($13.26)**
			% Change		-1.28%	-1.29%	-1.29%	-1.28%	-1.28%	-1.22%	**-1.27%**

					May	June	July	August	Sept	October	Summer
18			Typical Usage: therms		158	161	161	159	158	144	940
19	**Summer 2023**										
20	Customer Charge	units @	$ 80.00		$80.00	$80.00	$80.00	$80.00	$80.00	$80.00	$480.00
21	All	units @	$0.2359		$37.21	$37.93	$38.07				$113.22
22	Eff. Aug 1, 2023	All @	$0.2338					$37.09	$36.87	$33.65	$107.61
23		COG 1	$0.3123		$49.27						$49.27
24		COG 2	$0.3123			$50.21					$50.21
25		COG 3	$0.3123				$50.40				$50.40
26		COG 4	$0.3123					$49.55			$49.55
27		COG 5	$0.3123						$49.25		$49.25
28		COG 6	$0.3123							$44.94	$44.94
29		Summer Period 2020 Avg. COG	$0.3123	*							
30		LDAC	$0.0503		$7.94	$8.09	$8.12	$7.98	$7.93	$7.24	$47.29
31			**TOTAL**		$174.42	$176.23	$176.59	$174.62	$174.05	$165.83	**$1,041.73**

NORTHERN UTILITIES, INC. - NEW HAMPSHIRE DIVISION

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

Comparison of Summer 2024 vs. Summer 2023

					May	June	July	August	Sept	October	Summer
2			Typical Usage: therms(*)		1,413	1,195	1,172	1,188	1,222	1,289	7,479
3	**Summer 2024**										
4	Customer Charge	units @	$ 225.00		$225.00	$225.00	$225.00	$225.00	$225.00	$225.00	$1,350.00
5	All	units @	$0.1763		$249.03	$210.69	$206.63	$209.46	$215.44	$227.30	$1,318.55
6	All	RDAC	($0.0037)		($5.23)	($4.42)	($4.34)	($4.40)	($4.52)	($4.77)	($27.67)
7		Total Base Rates	$0.1726		$243.80	$206.27	$202.30	$205.06	$210.92	$222.53	$1,290.88
8		COG 1	$0.4443		$627.58						$627.58
9		COG 2	$0.4443			$530.98					$530.98
10		COG 3	$0.4443				$520.75				$520.75
11		COG 4	$0.4443					$527.86			$527.86
12		COG 5	$0.4443						$542.94		$542.94
13		COG 6	$0.4443							$572.83	$572.83
14		Summer Period Avg. COG	$0.4443	*							
15		LDAC	$0.0362		$51.13	$43.26	$42.43	$43.01	$44.24	$46.67	$270.74
16			**TOTAL**		$1,147.52	$1,005.51	$990.48	$1,000.93	$1,023.09	$1,067.03	**$6,234.55**
	Base Rate Change Summer		**$ Change**		($0.99)	($0.84)	($0.82)	$0.00	$0.00	$0.00	**($2.65)**
	Base Rate Change Summer		**% Change**		-0.10%	-0.10%	-0.10%	0.00%	0.00%	0.00%	-0.05%
	RDAC Change Summer		**$ Change**		($5.23)	($4.42)	($4.34)	($4.40)	($4.52)	($4.77)	**($27.67)**
	RDAC Change Summer		**% Change**		-0.53%	-0.51%	-0.51%	-0.51%	-0.51%	-0.52%	-0.51%
		Total Base Rate Change	**$ Change**		($6.22)	($5.26)	($5.16)	($4.40)	($4.52)	($4.77)	**($30.32)**
		Total Base Rate Change	**% Change**		-0.63%	-0.60%	-0.60%	-0.51%	-0.51%	-0.52%	**-0.56%**
	COG Change		**$ Change**		$186.45	$157.75	$154.71	$156.83	$161.30	$170.18	**$987.23**
			% Change		18.89%	18.14%	18.04%	18.12%	18.26%	18.50%	**18.34%**
	LDAC Change		**$ Change**		($19.92)	($16.85)	($16.53)	($16.75)	($17.23)	($18.18)	**($105.45)**
			% Change		-2.02%	-1.94%	-1.93%	-1.94%	-1.95%	-1.98%	**-1.96%**
17					**May**	**June**	**July**	**August**	**Sept**	**October**	**Summer**
18			Typical Usage: therms		1,413	1,195	1,172	1,188	1,222	1,289	7,479
19	**Summer 2023**										
20	Customer Charge	units @	$ 225.00		$225.00	$225.00	$225.00	$225.00	$225.00	$225.00	$1,350.00
21	All	units @	$0.1770		$250.02	$211.53	$207.46				$669.00
22	Eff. Aug 1, 2023	All @	$0.1763					$209.46	$215.44	$227.30	$652.20
23		COG 1	$0.3123		$441.13						$441.13
24		COG 2	$0.3123			$373.23					$373.23
25		COG 3	$0.3123				$366.04				$366.04
26		COG 4	$0.3123					$371.03			$371.03
27		COG 5	$0.3123						$381.63		$381.63
28		COG 6	$0.3123							$402.64	$402.64
29		Summer Period 2020 Avg. COG	$0.3123	*							
30		LDAC	$0.0503		$71.05	$60.11	$58.95	$59.76	$61.47	$64.85	$376.20
31			**TOTAL**		$987.20	$869.87	$857.45	$865.25	$883.54	$919.79	**$5,383.09**

NORTHERN UTILITIES, INC. - NEW HAMPSHIRE DIVISION

Typical G-52 Commercial & Industrial Bill
Comparison of Summer 2024 vs. Summer 2023

					May	June	July	August	Sept	October	Summer
2		Typical Usage: therms(*)			40,709	35,470	34,408	39,652	39,569	42,937	232,746
3	**Summer 2024**										
4	Customer Charge	units @	$ 1,350.00		$1,350.00	$1,350.00	$1,350.00	$1,350.00	$1,350.00	$1,350.00	$8,100.00
5	All	units @	$0.1094		$4,453.60	$3,880.46	$3,764.23	$4,337.93	$4,328.89	$4,697.33	$25,462.44
6	All	RDAC	($0.0037)		($150.62)	($131.24)	($127.31)	($146.71)	($146.41)	($158.87)	($861.16)
7		Total Base Rates	$0.1057		$4,302.98	$3,749.22	$3,636.92	$4,191.22	$4,182.48	$4,538.46	$24,601.28
8		COG 1	$0.4443		$18,087.15						$18,087.15
9		COG 2	$0.4443			$15,759.50					$15,759.50
10		COG 3	$0.4443				$15,287.46				$15,287.46
11		COG 4	$0.4443					$17,617.40			$17,617.40
12		COG 5	$0.4443						$17,580.66		$17,580.66
13		COG 6	$0.4443							$19,077.00	$19,077.00
14		Summer Period Avg. COG	$0.4443	*							
15		LDAC	$0.0362		$1,473.68	$1,284.03	$1,245.57	$1,435.40	$1,432.41	$1,554.33	$8,425.42
16			**TOTAL**		$25,213.81	$22,142.75	$21,519.95	$24,594.02	$24,545.55	$26,519.79	**$144,535.88**
	Base Rate Change Summer		**$ Change**		($8.14)	($7.09)	($6.88)	$0.00	$0.00	$0.00	**($22.12)**
	Base Rate Change Summer		**% Change**		-0.04%	-0.04%	-0.04%	0.00%	0.00%	0.00%	-0.02%
	RDAC Change Summer		**$ Change**		($150.62)	($131.24)	($127.31)	($146.71)	($146.41)	($158.87)	**($861.16)**
	RDAC Change Summer		**% Change**		-0.73%	-0.73%	-0.72%	-0.73%	-0.73%	-0.73%	-0.73%
		Total Base Rate Change	**$ Change**		($158.77)	($138.33)	($134.19)	($146.71)	($146.41)	($158.87)	**($883.28)**
		Total Base Rate Change	**% Change**		-0.77%	-0.76%	-0.76%	-0.73%	-0.73%	-0.73%	**-0.75%**
	COG Change		**$ Change**		$5,373.63	$4,682.09	$4,541.85	$5,234.07	$5,223.15	$5,667.71	**$30,722.51**
			% Change		26.12%	25.87%	25.81%	26.08%	26.08%	26.22%	**26.04%**
	LDAC Change		**$ Change**		($574.00)	($500.13)	($485.15)	($559.09)	($557.93)	($605.41)	**($3,281.72)**
			% Change		-2.79%	-2.76%	-2.76%	-2.79%	-2.79%	-2.80%	**-2.78%**

					May	June	July	August	Sept	October	Summer
18		Typical Usage: therms			40,709	35,470	34,408	39,652	39,569	42,937	232,746
19	**Summer 2023**										
20	Customer Charge	units @	$ 1,350.00		$1,350.00	$1,350.00	$1,350.00	$1,350.00	$1,350.00	$1,350.00	$8,100.00
21	All	units @	$0.1096		$4,461.74	$3,887.56	$3,771.11				$12,120.41
22	Eff. Aug 1, 2023	All @	$0.1094					$4,337.93	$4,328.89	$4,697.33	$13,364.15
23		COG 1	$0.3123		$12,713.52						$12,713.52
24		COG 2	$0.3123			$11,077.41					$11,077.41
25		COG 3	$0.3123				$10,745.61				$10,745.61
26		COG 4	$0.3123					$12,383.33			$12,383.33
27		COG 5	$0.3123						$12,357.51		$12,357.51
28		COG 6	$0.3123							$13,409.29	$13,409.29
29		Summer Period 2020 Avg. COG	$0.3123	*							
30		LDAC	$0.0503		$2,047.68	$1,784.16	$1,730.72	$1,994.50	$1,990.34	$2,159.74	$11,707.14
31			**TOTAL**		$20,572.94	$18,099.13	$17,597.44	$20,065.76	$20,026.73	$21,616.36	**$117,978.37**

Northern Utilities, Inc. - New Hampshire Division
New Hampshire Property Tax Expense Analysis

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

Line No.	(1) Description	(2) Total Amount	(3) State	(4) Local	(5) Source
1	Jan-Aug 2022 Recovery in Rates				
2	Base Rates (Oct 1, 2021)	$ 5,523,332	$ 1,370,478	$ 4,152,854	DG 21-104, Sch. 3-19 Prop Tx Revised
3	NuNH Property Tax Recovery (Jan-Aug)	$ 5,523,332	$ 1,370,478	$ 4,152,854	Sum Line 2
4	Sep-Dec 2022 Recovery in Rates				
5	Base Rates (Oct 1, 2021)	$ 5,523,332	$ 1,370,478	$ 4,152,854	DG 21-104, Sch. 3-19 Prop Tx Revised
6	Step 1 (Sep 1, 2022)	56,278	56,278	-	DG 22-020, Revised Sch. GSL-5
7	NuNH Property Tax Recovery (Sep-Dec)	$ 5,579,610	$ 1,426,756	$ 4,152,854	Sum Lines 5-6
8	NuNH 2022 Annual Property Tax Recovery [1]	$ 5,542,092	$ 1,389,237	$ 4,152,854	See Note 1
9	2022 Property Tax Expense	$ 5,699,599	$ 1,428,913	$ 4,270,686	Attachment NUI-DTN-1, Page 2 of 2
10	2022 NuNH Exp. Above Level Recovered in Rates	$ 119,989	$ 2,157	$ 117,831	Line 9 - Line 8
11	Local Property Tax Under-Recovery			$ 117,831	Line 10, Col (4)

Notes:
(1) Includes 8 months at Docket No. 21-104 recovery level and 4 months at Docket Nos. 21-104 and 22-020 recovery level

Northern Utilities, Inc. - New Hampshire Division
New Hampshire Property Tax Expense Analysis
2022 Property Tax Bill Detail

Line No.	(1) Description	(2) 1st 2022 Bill Installment	(3) 2nd 2022 Bill Installment	(4) Total 2022 Calendar Year Exp.	(5) Attachment NUI-DTN-2 Page Ref
1	Atkinson	$ 14,084.00	$ 14,908.00	$ 28,992.00	1 & 2
2	Brentwood	14,557.00	4,198.00	18,755.00	3 thru 6
3	Dover	403,159.25	401,480.30	804,639.55	7 thru 10
4	Durham	92,803.00	70,278.00	163,081.00	11 & 12
5	East Kingston	7,208.00	5,727.00	12,935.00	13 & 14
6	Epping	62,324.26	44,400.55	106,724.81	15 thru 17
7	Exeter	144,027.32	181,909.39	325,936.71	18 thru 23
8	Greenland	6,657.00	5,294.00	11,951.00	24 & 25
9	Hampton--Class 4000	131,249.00	141,824.00	273,073.00	26 & 27
10	Hampton--Class 5000	68,319.00	74,551.00	142,870.00	28 & 29
11	Hampton Falls	874.00	1,627.00	2,501.00	30 & 31
12	Kensington	11,844.00	10,179.00	22,023.00	32 & 33
13	Kingston	5,130.14	8,484.01	13,614.15	34 & 35
14	Madbury	3,963.00	2,980.00	6,943.00	36 & 37
15	Newington	11,525.10	7,900.78	19,425.88	38 & 39
16	North Hampton	13,306.00	11,202.00	24,508.00	40 & 41
17	Plaistow	85,825.00	124,414.00	210,239.00	42 & 43
18	Portsmouth	332,797.00	345,117.00	677,914.00	44 thru 49
19	Rochester	392,757.00	429,068.23	821,825.23	50 thru 55
20	Rollinsford	3,258.38	2,002.00	5,260.38	56 thru 60
21	Salem	93,965.00	95,680.00	189,645.00	61 thru 64
22	Seabrook	79,317.00	67,208.00	146,525.00	65 thru 68
23	Somersworth	115,143.00	117,059.00	232,202.00	69 thru 74
24	Stratham	4,512.00	4,590.00	9,102.00	75 & 76
25	Total			$ 4,270,685.71	

Remit To	2022 ATKINSON, NH PROPERTY TAX -- BILL 1 OF 2			
	NORTHERN UTILITIES INC			
	Map	Lot	Sub	Net Value
TOWN OF ATKINSON, NH TAX COLLECTOR PO BOX 1206 ATKINSON, NH 03811	000001	000021	000000	$ 2,574,800
	Property Location			Acres
	UTILITIES - GAS			0.000

8% APR Charged After 07/01/2022	Invoice	Summary of Taxes	
payable to ATKINSON TAX COLLECTOR include phone & map & lot #s on ck	2022P01032301	First Bill:	$ 14,084.00
Billed To	**Billing Date**		
NORTHERN UTILITIES INC **6 LIBERTY LANE WEST** **HAMPTON, NH 03842-5039**	05/16/2022	- Abated/Paid:	$ 0.00
	Payment Due Date	- Vet. Credits:	$ 0.00
	07/01/2022		
	Amount Due:	**$ 14,084.00**	
	Amount Enclosed:		

Please return top copy with your payment.

Tax Collector Office Hours	2022 ATKINSON, NH PROPERTY TAX -- BILL 1 OF 2			
TOWN OF ATKINSON, NH Jan-May 31 M-T-TH 5P-8P W 9A-1P&5P-8P F 9A-12 June1-Dec31 M 5P-8P T-W-TH 9A-3P F CLOSED (603) 362-5357 Tax Collector: DEBRA L DESIMONE payable to ATKINSON TAX COLLECTOR include phone & map & lot #s on ck	NORTHERN UTILITIES INC			
	Map	Lot	Sub	Pg-Line
	000001	000021	000000	0323-01
	Property Location			Acres
	UTILITIES - GAS			0.000

Tax Rates		Assessments		Invoice	Summary Of Taxes	
County:	**$ 0.33**	Taxable Land:	0	2022P01032301	First Bill:	$ 14,084.00
School:	**$ 4.05**	Buildings:	2,574,800	**Billing Date**		
Town:	**$ 1.09**	Total:	2,574,800	05/16/2022	- Abated/Paid:	$ 0.00
				Payment Due Date	- Vet. Credits:	$ 0.00
				07/01/2022		
				Interest Rate	**Amount Due:**	**$ 14,084.00**
				8% APR After 07/01/2022		

Total Tax Rate:	$ 5.47 +	Net Value:	2,574,800

Keep this copy for your records. + 1st Bill Rate=1/2 Last Year's Final Rate

Remit To	2022 ATKINSON, NH PROPERTY TAX – BILL 2 OF 2			
	NORTHERN UTILITIES INC			
TOWN OF ATKINSON, NH TAX COLLECTOR PO BOX 1206 ATKINSON, NH 03811	Map	Lot	Sub	Net Value
	000001	000021	000000	$ 2,574,800
	Property Location			Acres
	UTILITIES - GAS			0.000
8% APR Charged After 12/29/2022	Invoice	Summary of Taxes		
Ck's payable to Atkinson Tax Collector add phone and map lot sub lot #s on your Ck call for up to date int for any other amounts due @ bottom of bill	2022P02032807	Total Tax:	$ 28,992.00	
Billed To	Billing Date	- 1st Bill:	$ 14,084.00	
NORTHERN UTILITIES INC 6 LIBERTY LANE WEST HAMPTON, NH 03842-5039	11/15/2022	- Abated/Paid:	$ 0.00	
	Payment Due Date	- Vet. Credits:	$ 0.00	
	12/29/2022			
	Amount Due:	$ 14,908.00		
	Amount Enclosed:			

Please return top copy with your payment.

Tax Collector Office Hours	2022 ATKINSON, NH PROPERTY TAX – BILL 2 OF 2			
TOWN OF ATKINSON, NH Jan-May 31 M-T-TH 5P-8P W 9A-1P&5P-8P F 9A-12 June1-Dec31 M 5P-8P T-W-TH 9A-3P F CLOSED (603) 362-5357 Tax Collector: DEBRA L DESIMONE Ck's payable to Atkinson Tax Collector add phone and map lot sub lot #s on your Ck call for up to date int for any other amounts due @ bottom of bill	NORTHERN UTILITIES INC			
	Map	Lot	Sub	Pg-Line
	000001	000021	000000	0328-07
	Property Location			Acres
	UTILITIES - GAS			0.000
Tax Rates	Assessments		Invoice	Summary Of Taxes
County: $ 0.67	Taxable Land:	0	2022P02032807	Total Tax: $ 28,992.00
School: $ 8.35	Buildings:	2,574,800	Billing Date	- 1st Bill: $ 14,084.00
Town: $ 2.24	Total:	2,574,800	11/15/2022	- Abated/Paid: $ 0.00
			Payment Due Date	- Vet. Credits: $ 0.00
			12/29/2022	
			Interest Rate	Amount Due: $ 14,908.00
			8% APR After 12/29/2022	

Total Tax Rate:	$ 11.26	Net Value:	2,574,800

Northern Utilities, Inc.
Docket No. DG 23-085
Exhibit 2
Attachment NLSG-1-2
Page 3 of 76

TOWN OF BRENTWOOD
TAX COLLECTOR
1 DALTON ROAD
BRENTWOOD, NH 03833

First Bill

REAL ESTATE TAX BILL

TAX COLLECTOR OFFICE HOURS
MONDAY 8:30 AM - 4:30 PM
TUESDAY 8:30 AM - 7:00 PM
FRIDAY 8:30 AM - 4:00 PM
(603) 642-6400 EXT. 114

TAX YEAR	BILL NUMBER	BILLING DATE	INTEREST RATE	DUE DATE
2022	007634-002046	05/24/2022	8% if paid after	07/01/2022

MAP / PARCEL	LOCATION OF PROPERTY	AREA
201.043.000	B/O DALTON RD	

OWNER OF RECORD

NORTHERN UTILITIES
6 LIBERTY LN W
HAMPTON, NH 03842-1704

TAX CALCULATION

1/2 Tax At 2021 Tax Rate

Municipal Tax Amount	5,363.13
School Tax Amount	22,562.13
County Tax Amount	1,180.74
Total Tax	29,106.00
Estimated Tax Amt	14,553.00
<Amount To Pay>	14,553.00

TAX RATE		ASSESSED VALUATION	
2021 Tax Rate		Buildings	1,422,600
Municipal	3.770		
School	15.860		
County	0.830		
TOTAL	20.460	NET VALUE	1,422,600

INFORMATION TO TAXPAYERS

RSA 76:11-A INFORMATION REQUIRED. THE TAX BILL WHICH IS SENT TO EVERY PERSON TAXED, AS PROVIDED IN RSA 76:11, SHALL SHOW THE RATE FOR MUNICIPAL, SCHOOL AND COUNTY TAXES SEPARATELY. THE ASSESSED VALUATION OF ALL LANDS AND BUILDINGS FOR WHICH SAID PERSON IS BEING TAXED.

THE TAXPAYER MAY BY MARCH 1ST, FOLLOWING THE DATE OF NOTICE OF TAX AND NOT AFTERWARDS, APPLY IN WRITING TO THE SELECTMAN OR ASSESSOR(S) FOR A TAX ABATEMENT OR DEFERRAL.

IF YOU ARE ELDERLY, DISABLED, BLIND, A VETERAN OR VETERANS SPOUSE, OR UNABLE TO PAY TAXES DUE TO POVERTY OR OTHER GOOD CAUSE, YOU MAY BE ELIGIBLE FOR A TAX EXEMPTION, CREDIT, ABATEMENT OR DEFERRAL. APPLICATIONS FOR EXEMPTIONS AND/OR CREDITS MUST BE FILED ON OR BEFORE APRIL 15TH EACH YEAR.

TAXPAYERS DESIRING ANY INFORMATION IN REGARD TO TAXATION, ASSESSMENTS, EXEMPTIONS, OR CHANGE OF ADDRESS MUST REFER ALL INQUIRIES TO THE BOARD OF SELECTMEN NOT TO TAX COLLECTOR.

ALL TAXES ARE ASSESSED ON APRIL 1ST OF EACH YEAR. TAX BILLS ARE MAILED TO THE LAST KNOWN ADDRESS.

PAYMENT POLICIES:

- PAYMENT OF THIS BILL DOES NOT PREVENT THE COLLECTION OF PREVIOUS UNPAID TAXES, NOR DOES AN ERROR IN THE NAME OF THE PERSON(S) TAXES PREVENT COLLECTION.
- IF YOU ARE NOT THE PRESENT OWNER OF THIS PROPERTY, PLEASE FORWARD TO THE PROPER OWNER. THE TAX COLLECTOR IS NOT RESPONSIBLE FOR PAYMENT ON THE WRONG TAX BILL.
- IF THIS BILL IS PAID BY CHECK OR MONEY ORDER, IT IS NOT CONSIDERED PAID UNTIL THE CHECK OR MONEY ORDER IS CLEARED BY THE BANK.
- **PLEASE MAKE CHECK PAYABLE TO: TOWN OF BRENTWOOD**
- **PAYMENTS MAY BE MADE AT THE TAX COLLECTORS OFFICE AT 1 DALTON ROAD.**

IF YOU WOULD LIKE A RECEIPT, PLEASE RETURN THE ENTIRE BILL AND A SELF-ADDRESSED STAMPED ENVELOPE.

BMS-LZ-TB

↑ DETACH HERE ↑ TO INSURE PROPER CREDIT, RETURN ENTIRE BOTTOM PORTION OF BILL ↑ DETACH HERE ↑

TOWN OF BRENTWOOD, N.H.
REAL ESTATE TAX BILL

1 DALTON ROAD
BRENTWOOD, NH 03833

MAP/PARCEL NO.	LOCATION OF PROPERTY	TAX YEAR	BILL NUMBER	DUE DATE
201.043.000	B/O DALTON RD	2022	007634-002046	07/01/2022

8.00% APR Interest Charged After
07/01/2022 On This Bill

<Amount To Pay> 14,553.00

NORTHERN UTILITIES
6 LIBERTY LN W
HAMPTON, NH 03842-1704

000343

PLEASE RETURN THIS PORTION WITH YOUR PAYMENT

Northern Utilities, Inc.
Docket No. DG 23-085
Attachment NU 1-2 Exhibit 2
Page 4 of 76

TOWN OF BRENTWOOD
TAX COLLECTOR
1 DALTON ROAD
BRENTWOOD, NH 03833

First Bill

REAL ESTATE TAX BILL

TAX COLLECTOR OFFICE HOURS
MONDAY, WEDNESDAY, THURS
8:30 AM - 4:30 PM
TUESDAY 8:30 AM - 7:00 PM
FRIDAY 8:30 AM - 4:00 PM
(603) 642-6400 EXT. 114

TAX YEAR	BILL NUMBER	BILLING DATE	INTEREST RATE	DUE DATE
2022	007634-002138	05/24/2022	8% if paid after	07/01/2022

MAP / PARCEL	LOCATION OF PROPERTY	AREA
201.043.001	B/O DALTON RD	

OWNER OF RECORD

NORTHERN UTILITIES
6 LIBERTY LANE WEST
6 LIBERTY LN W
HAMPTON, NH 03842-1704

TAX RATE

	2021 Tax Rate
School	15.860
State	1.780
County	0.830
Prct 001	3.770
TOTAL	22.240

ASSESSED VALUATION

Buildings	400
NET VALUE	400

TAX CALCULATION

1/2 Tax At 2021 Tax Rate

School Tax Amount	5.71
State Tax Amount	0.64
County Tax Amount	0.30
Precinct Tax Amount	1.35
Total Tax	8.00
Estimated Tax Amt	4.00
<Amount To Pay>	4.00

INFORMATION TO TAXPAYERS

RSA 76:11-A INFORMATION REQUIRED. THE TAX BILL WHICH IS SENT TO EVERY PERSON TAXED, AS PROVIDED IN RSA 76:11, SHALL SHOW THE RATE FOR MUNICIPAL, SCHOOL AND COUNTY TAXES SEPARATELY. THE ASSESSED VALUATION OF ALL LANDS AND BUILDINGS FOR WHICH SAID PERSON IS BEING TAXED.

THE TAXPAYER MAY BY MARCH 1ST, FOLLOWING THE DATE OF NOTICE OF TAX AND NOT AFTERWARDS, APPLY IN WRITING TO THE SELECTMAN OR ASSESSOR(S) FOR A TAX ABATEMENT OR DEFERRAL.

IF YOU ARE ELDERLY, DISABLED, BLIND, A VETERAN OR VETERANS SPOUSE, OR UNABLE TO PAY TAXES DUE TO POVERTY OR OTHER GOOD CAUSE, YOU MAY BE ELIGIBLE FOR A TAX EXEMPTION, CREDIT, ABATEMENT OR DEFERRAL. APPLICATIONS FOR EXEMPTIONS AND/OR CREDITS MUST BE FILED ON OR BEFORE APRIL 15TH EACH YEAR.

TAXPAYERS DESIRING ANY INFORMATION IN REGARD TO TAXATION, ASSESSMENTS, EXEMPTIONS, OR CHANGE OF ADDRESS MUST REFER ALL INQUIRIES TO THE BOARD OF SELECTMEN NOT TO TAX COLLECTOR.

ALL TAXES ARE ASSESSED ON APRIL 1ST OF EACH YEAR. TAX BILLS ARE MAILED TO THE LAST KNOWN ADDRESS.

PAYMENT POLICIES:

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BMS-LZ-TB

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TOWN OF BRENTWOOD, N.H.
REAL ESTATE TAX BILL

1 DALTON ROAD
BRENTWOOD, NH 03833

MAP/PARCEL NO.	LOCATION OF PROPERTY	TAX YEAR	BILL NUMBER	DUE DATE
201.043.001	B/O DALTON RD	2022	007634-002138	07/01/2022

8.00% APR Interest Charged After
07/01/2022 On This Bill

<Amount To Pay> 4.00

NORTHERN UTILITIES
6 LIBERTY LANE WEST
6 LIBERTY LN W
HAMPTON, NH 03842-1704

000344

PLEASE RETURN THIS PORTION WITH YOUR PAYMENT

Northern Utilities, Inc.
Docket No. DG 23-085
New Hampshire Division
8:30 AM - 4:00 PM
Attachment NUD TN-2
Page 5 of 76

TOWN OF BRENTWOOD
TAX COLLECTOR
1 DALTON ROAD
BRENTWOOD, NH 03833

Second Bill

REAL ESTATE TAX BILL

TAX COLLECTOR OFFICE HOURS
MONDAY 8:30 AM - 4:00 PM
TUESDAY 8:30 AM - 7:00 PM
FRIDAY 8:30 AM - 4:00 PM
(603) 642-6400 EXT. 114

TAX YEAR	BILL NUMBER	BILLING DATE	INTEREST RATE	DUE DATE
2022	007634-002046	11/08/2022	8% if paid after	12/15/2022

MAP / PARCEL	LOCATION OF PROPERTY	AREA
201.043.000	B/O DALTON RD	

OWNER OF RECORD

NORTHERN UTILITIES
6 LIBERTY LN W
HAMPTON, NH 03842-1704

TAX RATE		ASSESSED VALUATION	
Municipal	4.290	Buildings	897,800
School	15.730		
County	0.860		
TOTAL	20.880	NET VALUE	897,800

TAX CALCULATION

Municipal Tax Amount	3,851.55
School Tax Amount	14,122.35
County Tax Amount	772.10
Total Tax	18,746.00
Actual Tax Amount	18,746.00
Paid to Date	-14,553.00
<Amount To Pay>	4,193.00

INFORMATION TO TAXPAYERS

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BMS-LZ-TB

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TOWN OF BRENTWOOD, N.H.
REAL ESTATE TAX BILL

1 DALTON ROAD
BRENTWOOD, NH 03833

MAP/PARCEL NO.	LOCATION OF PROPERTY	TAX YEAR	BILL NUMBER	DUE DATE
201.043.000	B/O DALTON RD	2022	007634-002046	12/15/2022

8.00% APR Interest Charged After
07/01/2022 On 1st Bill 14553.00
12/15/2022 On 2nd Bill 4193.00

<Amount To Pay> 4,193.00

NORTHERN UTILITIES
6 LIBERTY LN W
HAMPTON, NH 03842-1704

PLEASE RETURN THIS PORTION WITH YOUR PAYMENT

Northern Utilities, Inc.
Docket No. DG 23-085
New Hampshire Division
Attachment NUT DR 1-2
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TOWN OF BRENTWOOD
TAX COLLECTOR
1 DALTON ROAD
BRENTWOOD, NH 03833

Second Bill

REAL ESTATE TAX BILL

TAX COLLECTOR OFFICE HOURS
MONDAY 8:30 AM - 4:00 PM
TUESDAY 8:30 AM - 7:00 PM
FRIDAY 8:30 AM - 4:00 PM
(603) 642-6400 EXT. 114

TAX YEAR	BILL NUMBER	BILLING DATE	INTEREST RATE	DUE DATE
2022	007634-002138	11/08/2022	8% if paid after	12/15/2022

MAP / PARCEL	LOCATION OF PROPERTY	AREA
201.043.001	B/O DALTON RD	

OWNER OF RECORD

NORTHERN UTILITIES
6 LIBERTY LANE WEST
6 LIBERTY LN W
HAMPTON, NH 03842-1704

TAX RATE		ASSESSED VALUATION	
School	15.730	Buildings	400
State	1.270		
County	0.860		
Prct 001	4.290		
TOTAL	22.150	NET VALUE	400

TAX CALCULATION

School Tax Amount	6.39
State Tax Amount	0.52
County Tax Amount	0.35
Precinct Tax Amount	1.74
Total Tax	9.00
Actual Tax Amount	9.00
Paid to Date	-4.00
<Amount To Pay>	5.00

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BMS-LZ-TB

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TOWN OF BRENTWOOD, N.H.
REAL ESTATE TAX BILL

1 DALTON ROAD
BRENTWOOD, NH 03833

MAP/PARCEL NO.	LOCATION OF PROPERTY	TAX YEAR	BILL NUMBER	DUE DATE
201.043.001	B/O DALTON RD	2022	007634-002138	12/15/2022

8.00% APR Interest Charged After
07/01/2022 On 1st Bill 4.00
12/15/2022 On 2nd Bill 5.00

<Amount To Pay> 5.00

NORTHERN UTILITIES
6 LIBERTY LANE WEST
6 LIBERTY LN W
HAMPTON, NH 03842-1704

PLEASE RETURN THIS PORTION WITH YOUR PAYMENT

City of Dover, NH

P.O. Box 818
Dover, NH 03821-0818

PROPERTY TAX

REMINDER FOR TAX YEAR 2021

Reference No. 7489
Prop ID U0003 000000
Location:
DOVER CITYWIDE
Mailing Date: 04/29/2022

NORTHERN UTILITIES INC
ATTN: UTILITY ASSET ACCOUNTING
6 LIBERTY LANE
HAMPTON NH 03842

Tax Rate Information

Tax Rate per $1,000 OF NET ASSESSED VALUE		
City	8.02	$322,034.28
County	2.13	$85,527.81
Local School	9.93	$398,728.22
	20.08	

Property Tax and Credits
Net Property Tax $806,290.31

Assessed Real Estate Values and Exemptions

Land	$1,164,600
Building	$38,989,300
Net Assessed Value	$40,153,900

Interest of 8% per annum accrues on unpaid balances after due date.

Due Dates:

	First Installment Jan 10, 2022	Second Installment Jun 01, 2022
Tax	$403,145.16	$403,145.15
Payments	($403,145.16)	$0.00
Total Due	$0.00	**$403,145.15**

City Hall Hours of Operation:
Monday through Thursday 8:30am to 5:30pm
Friday 8:30am to 4:00pm
City Clerk & Tax Collector's office is located on the Lower Level of City Hall

Mortgage, rental and utility assistance is available from the NHHFA and CAP for past due amounts incurred since the onset of the pandemic (1/12/2020)
Mortgage Assistance: https:homehelpnh.org
Rental and Past Due Utility Bills: https://www.capnh.org/covid19
Dover CARES program information: http://www.dover.nh.gov/dovercares

Mail payment with lower portion in enclosed self-addressed envelope. Retain upper portion for your records.

City of Dover, NH
P.O. Box 818
Dover, NH 03821-0818

PROPERTY TAX
REMINDER FOR TAX YEAR 2021

Reference No. 7489

Location Prop ID U0003 000000
DOVER CITYWIDE

NORTHERN UTILITIES INC
ATTN: UTILITY ASSET ACCOUNTING
6 LIBERTY LANE
HAMPTON NH 03842

Barcode 1390874
Due Date: 06/01/2022
PAY THIS AMOUNT **$403,145.15**
AMOUNT ENCLOSED

Return This Portion

0000007489 01390874 060122 9202201 0040314515 1

City of Dover, NH

P.O. Box 818
Dover, NH 03821-0818

PROPERTY TAX

REMINDER FOR TAX YEAR 2021

Reference No. 7488
Prop ID K0018 Y00000
Location:
KENT AV
Mailing Date: 04/29/2022

NORTHERN UTILITIES INC
ATTN: UTILITIES ASSET ACCOUNTING
6 LIBERTY LANE WEST
HAMPTON NH 03842

Tax Rate Information

Tax Rate per $1,000 OF NET ASSESSED VALUE		
City	8.02	$10.43
County	2.13	$2.77
Local School	9.93	$12.91
State School	1.62	$2.10
	21.70	

Property Tax and Credits
Net Property Tax $28.21

Assessed Real Estate Values and Exemptions

Land	$1,300
Net Assessed Value	$1,300

Interest of 8% per annum accrues on unpaid balances after due date.

Due Dates:	First Installment Jan 10, 2022	Second Installment Jun 01, 2022
Tax	$14.11	$14.10
Payments	($14.11)	$0.00
Total Due	$0.00	**$14.10**

City Hall Hours of Operation:
Monday through Thursday 8:30am to 5:30pm
Friday 8:30am to 4:00pm
City Clerk & Tax Collector's office is located on the Lower Level of City Hall

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Rental and Past Due Utility Bills: https://www.capnh.org/covid19
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City of Dover, NH
P.O. Box 818
Dover, NH 03821-0818

PROPERTY TAX
REMINDER FOR TAX YEAR 2021

Reference No. 7488

Location Prop ID K0018 Y00000
KENT AV

NORTHERN UTILITIES INC
ATTN: UTILITIES ASSET ACCOUNTING
6 LIBERTY LANE WEST
HAMPTON NH 03842

Barcode 1376649
Due Date: 06/01/2022
PAY THIS AMOUNT **$14.10**
AMOUNT ENCLOSED

Return This Portion

0000007488 01376649 060122 9202201 0000001410 2

City of Dover, NH

P.O. Box 818
Dover, NH 03821-0818

PROPERTY TAX

BILL FOR TAX YEAR 2022

Reference No. 7557
Prop ID U0003 000000
Location:
DOVER CITYWIDE
Mailing Date: 12/16/2022

NORTHERN UTILITIES INC
ATTN: UTILITY ASSET ACCOUNTING
6 LIBERTY LANE
HAMPTON NH 03842

Tax Rate Information

Tax Rate per $1,000 OF NET ASSESSED VALUE		
City	7.22	$308,031.91
County	1.94	$82,767.58
Local School	9.66	$412,131.34
	18.82	

Property Tax and Credits
Net Property Tax $802,930.83

Assessed Real Estate Values and Exemptions

Land	$1,239,900
Building	$41,423,800
Net Assessed Value	$42,663,700

Interest of 8% per annum accrues on unpaid balances after due date.

Due Dates:

	First Installment	Second Installment
	Jan 17, 2023	Jun 01, 2023
Tax	$401,465.42	$401,465.41

Total Due **$401,465.42** $401,465.41

City Hall Hours of Operation:
Monday through Thursday 8:30am to 5:30pm
Friday 8:30am to 4:00pm
City Clerk & Tax Collector's office is located on the Lower Level of City Hall

Mortgage, rental and utility assistance is available from the NHHFA and CAP for past due amounts incurred since the onset of the pandemic (1/10/2020).
Homeowners & Renters Assistance: https:homehelpnh.org
Rental and Past Due Utility Bills: https://www.capnh.org/covid19
Dover CARES program information: http://www.dover.nh.gov/dovercares

Mail payment with lower portion in enclosed self-addressed envelope. Retain upper portion for your records.

City of Dover, NH
P.O. Box 818
Dover, NH 03821-0818

PROPERTY TAX
BILL FOR TAX YEAR 2022

Reference No. 7557
Location Prop ID U0003 000000
DOVER CITYWIDE
Barcode 1498572
Due Date: 01/17/2023
PAY THIS AMOUNT **$401,465.42**
AMOUNT ENCLOSED

NORTHERN UTILITIES INC
ATTN: UTILITY ASSET ACCOUNTING
6 LIBERTY LANE
HAMPTON NH 03842

Return This Portion

0000007557 01498572 011723 9202301 0040146542 4

City of Dover, NH

P.O. Box 818
Dover, NH 03821-0818

PROPERTY TAX

BILL FOR TAX YEAR 2022

Reference No. 7556
Prop ID K0018 Y00000
Location:
KENT AV
Mailing Date: 12/16/2022

NORTHERN UTILITIES INC
ATTN: UTILITIES ASSET ACCOUNTING
6 LIBERTY LANE WEST
HAMPTON NH 03842

Tax Rate Information

Tax Rate per $1,000 OF NET ASSESSED VALUE		
City	7.22	$10.83
County	1.94	$2.91
Local School	9.66	$14.49
State School	1.02	$1.53
	19.84	

Property Tax and Credits
Net Property Tax $29.76

Assessed Real Estate Values and Exemptions

Land	$1,500
Net Assessed Value	$1,500

Interest of 8% per annum accrues on unpaid balances after due date.

Due Dates:	First Installment	Second Installment
	Jan 17, 2023	Jun 01, 2023
Tax	$14.88	$14.88
Total Due	**$14.88**	$14.88

City Hall Hours of Operation:
Monday through Thursday 8:30am to 5:30pm
Friday 8:30am to 4:00pm
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City of Dover, NH
P.O. Box 818
Dover, NH 03821-0818

PROPERTY TAX
BILL FOR TAX YEAR 2022

Reference No. 7556

Location Prop ID K0018 Y00000
KENT AV
Barcode 1484366
Due Date: 01/17/2023
PAY THIS AMOUNT **$14.88**
AMOUNT ENCLOSED

NORTHERN UTILITIES INC
ATTN: UTILITIES ASSET ACCOUNTING
6 LIBERTY LANE WEST
HAMPTON NH 03842

Return This Portion

0000007556 01484366 011723 9202301 0000001488 3

TOWN OF DURHAM, NH

8 NEWMARKET ROAD
DURHAM, NH 03824

HOURS
MONDAY - FRIDAY
8:00 AM TO 4:30 PM
(603) 868-5577

REAL ESTATE TAX BILL

FIRST BILL

TAX YEAR	BILL NUMBER	BILLING DATE	INTEREST RATE	DUE DATE
2022	105243	5/26/2022	8 %	7/1/2022

MAP/PARCEL	LOCATION OF PROPERTY	AREA
999-320-0-0-0	UTILITIES	0.00

OWNER OF RECORD

NORTHERN UTILITIES INC
ATTN: PLANT ACCOUNTING
6 LIBERTY LN W
HAMPTON NH 03842-1704

2038

TAX CALCULATION

Municipal Tax Amount	28,120.00
Local School Tax Amount	54,666.00
State School Tax Amount	0.00
County Tax Amount	10,017.00
Total tax	92,803.00
Tax Credits	0.00
First Bill	92,803.00
Payments	0.00

PAY THIS AMOUNT $ **92,803.00**

TAX RATE

Municipal	3.930
Local School	7.640
State School	0.000
County	1.400
TOTAL	12.970

ASSESSED VALUATION

Building Value	7,155,300
Land Value	0
Exemptions	0
Current Use	0
NET VALUE	7,155,300

INFORMATION TO TAXPAYERS

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THE TAXPAYER MAY, BY MARCH 1ST FOLLOWING THE DATE OF NOTICE OF THE TAX AND NOT AFTERWARDS, APPLY IN WRITING TO THE BOARD OF ASSESSORS FOR AN ABATEMENT.

REAL ESTATE TAX PAYMENTS WILL BE APPLIED FIRST TO THE OLDEST DELINQUENT REAL ESTATE TAXES (IF ANY) FOR THE INDICATED PROPERTY UNLESS DIRECTED OTHERWISE.

TAXPAYERS DESIRING ANY INFORMATION IN REGARD TO TAXATION, OR CORRECTION OF ERRORS MUST REFER ALL INQUIRIES TO THE ASSESSOR'S OFFICE (603) 868-8065, NOT THE TAX COLLECTOR. THE TAX YEAR IS APRIL 1 - MARCH 31.

TAX BILLS ARE MAILED TO THE LAST KNOWN ADDRESS AS OF APRIL 1ST.

PAYMENT POLICIES

- POST-DATED CHECKS CANNOT BE ACCEPTED, AND WILL BE RETURNED TO TAXPAYER.
- A $25.00 FEE PLUS ALL ADDITIONAL DELINQUENCY PENALTIES AND COLLECTION COSTS WILL BE CHARGED FOR ANY CHECK RETURNED BY THE BANK FOR ANY REASON.
- PAYMENT OF THIS BILL DOES NOT PREVENT THE COLLECTION OF PREVIOUS UNPAID TAXES, NOR DOES AN ERROR IN THE NAME OF THE PERSON(S) TAXED PREVENT COLLECTION.
- IF YOU ARE NOT THE PRESENT OWNER OF THIS PROPERTY, PLEASE FORWARD TO THE PROPER OWNER. THE TAX COLLECTOR IS NOT RESPONSIBLE FOR PAYMENT ON THE WRONG TAX BILL.
- IF THIS BILL IS PAID BY CHECK OR MONEY ORDER, IT IS NOT CONSIDERED PAID UNTIL THE CHECK OR MONEY ORDER IS CLEARED BY THE BANK.
- PLEASE MAKE CHECK PAYABLE TO "TOWN OF DURHAM"
- WHEN PAYING IN PERSON, PLEASE BRING ENTIRE BILL.

↑DETACH HERE↑ TO ENSURE PROPER CREDIT, PLEASE RETURN ENTIRE BOTTOM PORTION OF BILL ↑DETACH HERE↑

TOWN OF DURHAM, NH
REAL ESTATE TAX BILL

FIRST BILL

MAP/PARCEL	LOCATION OF PROPERTY	TAX YEAR	BILL NUMBER	DUE DATE
999-320-0-0-0	UTILITIES	2022	105243	7/1/2022

8% APR Interest Charged After 7/1/2022 on First Bill.

2038

PAY THIS AMOUNT $ **92,803.00**

NORTHERN UTILITIES INC
ATTN: PLANT ACCOUNTING
6 LIBERTY LN W
HAMPTON NH 03842-1704

20 000010524 3 0092300300 7

TOWN OF DURHAM, NH

8 NEWMARKET ROAD
DURHAM, NH 03824

REAL ESTATE TAX BILL

HOURS
MONDAY - FRIDAY
8:00 AM TO 4:30 PM
(603) 868-5577

WE ACCEPT ONLINE PAYMENTS AT
www.ci.durham.nh.us

SECOND BILL

TAX YEAR	BILL NUMBER	BILLING DATE	INTEREST RATE	DUE DATE
2022	107770	11/18/2022	8 %	12/19/2022

MAP/PARCEL	LOCATION OF PROPERTY	AREA
999-320-0-0-0	UTILITIES	0.00

OWNER OF RECORD

NORTHERN UTILITIES INC
ATTN: PLANT ACCOUNTING
6 LIBERTY LN W
HAMPTON NH 03842-1704

2033

TAX CALCULATION

Municipal Tax Amount	48,195.00
Local School Tax Amount	98,169.00
State School Tax Amount	0.00
County Tax Amount	16,717.00
Tax Credits	0
Previous Amount Billed	92,803.00
Payments	92,803.00
Previous Bill Balance	0.00
Second Bill	70,278.00
PrePayments	0.00

TAX RATE

Municipal	8.130
Local School	16.560
State School	0.000
County	2.820
TOTAL	27.510

ASSESSED VALUATION

Building Value	5,928,100
Land Value	0
Exemptions	0
Current Use	0
NET VALUE	5,928,100

PAY THIS AMOUNT $ 70,278.00

INFORMATION TO TAXPAYERS

IF YOU ARE ELDERLY, DISABLED, BLIND, A VETERAN OR VETERAN'S SURVIVING SPOUSE, OR ARE UNABLE TO PAY TAXES DUE TO POVERTY OR OTHER GOOD CAUSE, YOU MAY BE ELIGIBLE FOR A TAX EXEMPTION, CREDIT, ABATEMENT OR DEFERRAL. FOR DETAILS AND APPLICATION, CONTACT THE ASSESSOR'S OFFICE (603) 868-8064 BEFORE APRIL 15TH OF EACH YEAR.

THE TAXPAYER MAY, BY MARCH 1ST FOLLOWING THE DATE OF NOTICE OF THE TAX AND NOT AFTERWARDS, APPLY IN WRITING TO THE BOARD OF ASSESSORS FOR AN ABATEMENT.

REAL ESTATE TAX PAYMENTS WILL BE APPLIED FIRST TO THE OLDEST DELINQUENT REAL ESTATE TAXES (IF ANY) FOR THE INDICATED PROPERTY UNLESS DIRECTED OTHERWISE.

TAXPAYERS DESIRING ANY INFORMATION IN REGARD TO TAXATION, OR CORRECTION OF ERRORS MUST REFER ALL INQUIRIES TO THE ASSESSOR'S OFFICE (603) 868-8065, NOT THE TAX COLLECTOR. THE TAX YEAR IS APRIL 1 - MARCH 31.

TAX BILLS ARE MAILED TO THE LAST KNOWN ADDRESS AS OF APRIL 1ST.

PAYMENT POLICIES

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WE ACCEPT ONLINE PAYMENTS AT
www.ci.durham.nh.us

TOWN OF DURHAM, NH
REAL ESTATE TAX BILL

SECOND BILL

MAP/PARCEL	LOCATION OF PROPERTY	TAX YEAR	BILL NUMBER	DUE DATE
999-320-0-0-0	UTILITIES	2022	107770	12/19/2022

8% APR Interest Charged After 7/1/2022 on First Bill.
8% APR Interest Charged After 12/19/2022 on Second Bill.

PAY THIS AMOUNT $ 70,278.00

2033

NORTHERN UTILITIES INC
ATTN: PLANT ACCOUNTING
6 LIBERTY LN W
HAMPTON NH 03842-1704

20 0000107770 00070278000 2

Remit To	2022 EAST KINGSTON PROPERTY TAX – BILL 2 OF 2			
	NORTHERN UTILITIES			
TOWN OF EAST KINGSTON Tax Collector's Office PO BOX 249 East Kingston, NH 03827 Temp - Return Service Requested	**Map**	**Lot**	**Sub**	**Net Value**
	000018	000001	00NUGC	$ 714,400
	Property Location			**Acres**
	EAST KINGSTON			0.000
8% APR Charged After 07/01/2022	**Invoice**		**Summary of Taxes**	
PLEASE SEE BACK OF BILL FOR IMPORTANT INFORMATION. PAY ONLINE AT EKNH.ORG. CHECKS PAYABLE TO TOWN OF E. KINGSTON	2022P01010801		First Bill:	$ 7,208.00
Billed To	**Billing Date**			
NORTHERN UTILITIES **6 LIBERTY LANE WEST** **HAMPTON, NH 03842**	05/10/2022		- Abated/Paid:	$ 0.00
	Payment Due Date		- Vet. Credits:	$ 0.00
	07/01/2022			
		Amount Due:	**$ 7,208.00**	
		Amount Enclosed:		

Please return top copy with your payment.

Tax Collector Office Hours	2022 EAST KINGSTON PROPERTY TAX – BILL 1 OF 2			
TOWN OF EAST KINGSTON Mon 8-5pm, Tues/Thurs/Fri 8-2:30pm Wed (evening) 5-7pm (603) 642-8794 Tax Collector: Barbara A. Clark PLEASE SEE BACK OF BILL FOR IMPORTANT INFORMATION. PAY ONLINE AT EKNH.ORG. CHECKS PAYABLE TO TOWN OF E. KINGSTON	NORTHERN UTILITIES			
	Map	**Lot**	**Sub**	**Pg-Line**
	000018	000001	00NUGC	0108-01
	Property Location			**Acres**
	EAST KINGSTON			0.000

Tax Rates		Assessments		Invoice	Summary Of Taxes	
County:	$ 0.42	Taxable Land:	0	2022P01010801	First Bill:	$ 7,208.00
School:	$ 6.62	Buildings:	714,400	**Billing Date**		
Town:	$ 3.05	Total:	714,400	05/10/2022	- Abated/Paid:	$ 0.00
				Payment Due Date	- Vet. Credits:	$ 0.00
				07/01/2022		
				Interest Rate	**Amount Due:**	**$ 7,208.00**
				8% APR After 07/01/2022		

Total Tax Rate:	$ 10.09 +	Net Value:	714,400

Keep this copy for your records. + 1st Bill Rate=1/2 Last Year's Final Rate

Remit To	2022 EAST KINGSTON PROPERTY TAX -- BILL 2 OF 2			
TOWN OF EAST KINGSTON Tax Collector's Office PO BOX 249 East Kingston, NH 03827 Temp - Return Service Requested	NORTHERN UTILITIES			
	Map	Lot	Sub	Net Value
	000018	000001	00NUGC	$ 601,900
	Property Location			Acres
	EAST KINGSTON			0.000
8% APR Charged After 12/19/2022	Invoice		Summary of Taxes	
PLEASE SEE BACK OF BILL FOR IMPORTANT INFORMATION. PAY ONLINE AT EKNH.ORG. CHECKS PAYABLE TO TOWN OF E. KINGSTON	2022P02010707		Total Tax:	$ 12,935.00
Billed To	Billing Date		- 1st Bill:	$ 7,208.00
NORTHERN UTILITIES **6 LIBERTY LANE WEST** **HAMPTON, NH 03842**	11/16/2022		- Abated/Paid:	$ 0.00
	Payment Due Date		- Vet. Credits:	$ 0.00
	12/19/2022			
		Amount Due:	**$ 5,727.00**	
		Amount Enclosed:		

Please return top copy **with** your payment.

Tax Collector Office Hours	2022 EAST KINGSTON PROPERTY TAX – BILL 2 OF 2			
TOWN OF EAST KINGSTON Mon 8-5pm, Tues/Thurs/Fri 8-2:30pm Wed (evening) 5-7pm (603) 642-8794 Tax Collector: Barbara A. Clark PLEASE SEE BACK OF BILL FOR IMPORTANT INFORMATION. PAY ONLINE AT EKNH.ORG. CHECKS PAYABLE TO TOWN OF E. KINGSTON	NORTHERN UTILITIES			
	Map	Lot	Sub	Pg-Line
	000018	000001	00NUGC	0107-07
	Property Location			Acres
	EAST KINGSTON			0.000

Tax Rates		Assessments		Invoice	Summary Of Taxes	
County:	**$ 0.83**	Taxable Land:	0	2022P02010707	Total Tax:	$ 12,935.00
School:	**$ 14.20**	Buildings:	601,900	Billing Date	- 1st Bill:	$ 7,208.00
Town:	**$ 6.46**	Total:	601,900	11/16/2022	- Abated/Paid:	$ 0.00
				Payment Due Date	- Vet. Credits:	$ 0.00
				12/19/2022		
				Interest Rate	Amount Due:	$ 5,727.00
				8% APR After 12/19/2022		

Total Tax Rate:	$ 21.49	Net Value:	601,900

Keep this copy for your records.

Northern Utilities, Inc.
Docket No. DG 23-085
New Hampshire Division
Attachment NU-6 Att 2
Page 15 of 79

TOWN OF EPPING
TAX COLLECTOR
157 MAIN STREET
EPPING NH 03042

HOURS:
Monday thru Thursday 8:30 am to 3:30 pm
Friday 8:30 am to 2:30 pm.

603-679-8288 ext. 3

First Bill

REAL ESTATE TAX BILL

TAX YEAR	BILL NUMBER	BILLING DATE	INTEREST RATE	DUE DATE
2022	013505-038609	5/2/2022	8% if paid after	7/1/2022

MAP/PARCEL	LOCATION OF PROPERTY	AREA
040-500-004	VARIOUS UTILITIES	

OWNER OF RECORD

UNITIL CORPORATION
NORTHERN UTILITIES
6 LIBERTY LN W
HAMPTON NH 03842-1704

TAX CALCULATION

1/2 Tax At 2021 Tax Rate

Municipal Tax Amount	25,342.04
School Tax Amount	68,148.25
Education Tax Amount	8,874.46
County Tax Amount	4,033.84
Total Tax	106,398.59
Estimated Tax Amt	53,199.30

TAX CALCULATION

2021 Tax Rate

Municipal	5.34
School	14.36
Education	1.87
County	0.85
TOTAL	22.42

ASSESSED VALUATION

Buildings	4,745,700
NET VALUE	4,745,700

AMOUNT TO PAY 53,199.30

INFORMATION TO TAXPAYERS

1. **Billing** - All property owners shall be billed semi-annually. Payments are due by due date on bill. If you are not the present owner of this property, please forward to the proper owner. Taxpayers desiring any information in regard to property assessments or correction of errors must address all inquires to the Board of Selectmen and NOT the Tax Collector. If this bill is paid by check or money order, it is not considered paid until the check or money order is cleared by the bank. There is a 25.00 fee for any returned check.
2. **Interest** - Any bill not paid by the due date is considered delinquent. Interest is calculated at 8% APR on any delinquent bill.

3. **Exemptions** - **If you are elderly, blind, a veteran or a veteran's spouse, or are unable to pay taxes due to poverty or other good cause, you may be eligible for a tax exemption, abatement, or deferral. For details and application information contact the Board of Selectmen at 679-5441 x 20. Veterans Credits for exemptions are reflected on the first and second issue bill.**

4. **Abatement** - The Taxpayer has the right to apply in writing, by March 1 following the notice of the tax, to the selectmen or assessor(s) for an abatement of the assessed tax as provided under RSA 76:16. Abatement forms are found in the Selectmen's Office of the Town Hall.

PAYMENT POLICIES

If your bank or mortgage company pays your taxes, please confirm they have requested the bill electronically. Otherwise, please review and forward bill to them.

Please make check payable to the Town of Epping, NH and mail check WITH STUB to:
TOWN OF EPPING
TAX COLLECTOR
157 MAIN STREET
EPPING, NH 03042
If you desire a receipt of payment please return entire bill and a self-addressed stamped envelope.

INTEREST is charged on any and all late payments, even bills that have been lost in the mail and never received due to transfer of ownership or address changed .

↑DETACH HERE↑ TO ENSURE PROPER CREDIT, PLEASE RETURN ENTIRE BILL ↑DETACH HERE↑

For payments received by mail: Receipts will be provided to taxpayers returning BOTH portions of the bill WITH a self-addressed, stamped envelope.

TOWN OF EPPING , NH
REAL ESTATE TAX BILL

MAP/PARCEL	LOCATION OF PROPERTY	TAX YEAR	BILL NUMBER	DUE DATE
040-500-004	VARIOUS UTILITIES	2022	013505-038609	7/1/2022

8% if paid after
07/01/2022 On This Bill

ANY QUESTIONS UNDERSTANDING THE NEW BILL FORMAT PLEASE CALL ERIKA 603-679-8288 X 31.

2589

UNITIL CORPORATION
NORTHERN UTILITIES
6 LIBERTY LN W
HAMPTON NH 03842-1704

PAY THIS AMOUNT

$ 53,199.30

000355

5127

TOWN OF EPPING
157 Main Street
Epping, NH 03042

(603) 679-8288

Date: 05/12/22

UNITIL CORPORATION
NORTHERN UTILITIES
6 LIBERTY LANE WEST
HAMPTON, NH 03842

Acct# 013505

STATEMENT OF ACCOUNT

INTEREST AND/OR PENALTIES THROUGH 05/12/22

DESCRIPTION AND YEAR	INV#	DATE	AMOUNT	BALANCE
2022 Tax Lien	321879	04/15/22	9,124.96	
INTEREST DUE 27 DAYS(3.500)			94.50	9,219.46
SUBTOTAL REAL PROPER# 038609 VARIOUS UTILITIES Map/Lot : 040-500-004				9,219.46
TOTAL ACCOUNT# 013505 UNITIL CORPORATION				9,219.46

RECEIVED
MAY 23 2022
Accounts Payable

Support for
Late Fee

TOWN OF EPPING
TAX COLLECTOR
157 MAIN STREET
EPPING NH 03042

Monday thru Thursday 8:00 am to 3:30 pm
Friday 8:30 am to 2:30 pm
603-679-8288 ext. 3

Second Bill

REAL ESTATE TAX BILL

TAX YEAR	BILL NUMBER	BILLING DATE	INTEREST RATE	DUE DATE
2022	013505-038609	11/2/2022	8% if paid after	12/14/2022

MAP/PARCEL	LOCATION OF PROPERTY	AREA
040-500-004	VARIOUS UTILITIES	

OWNER OF RECORD

UNITIL CORPORATION
NORTHERN UTILITIES
6 LIBERTY LN W
HAMPTON NH 03842-1704

TAX CALCULATION

Municipal Tax Amount	22,436.25
School Tax Amount	65,876.64
Education Tax Amount	5,598.21
County Tax Amount	3,688.75
Total Tax	97,599.85
Actual Tax Amount	97,599.85
Paid to Date	-53,199.30
AMOUNT TO PAY	44,400.55

TAX CALCULATION		ASSESSED VALUATION	
Municipal	5.17	Buildings	4,339,700
School	15.18		
Education	1.29		
County	0.85		
TOTAL	22.49	NET VALUE	4,339,700

INFORMATION TO TAXPAYERS

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TOWN OF EPPING
TAX COLLECTOR
157 MAIN STREET
EPPING, NH 03042

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TOWN OF EPPING , NH
REAL ESTATE TAX BILL

MAP/PARCEL	LOCATION OF PROPERTY	TAX YEAR	BILL NUMBER	DUE DATE
040-500-004	VARIOUS UTILITIES	2022	013505-038609	12/14/2022

ANY QUESTIONS UNDERSTANDING THE NEW BILL FORMAT PLEASE CALL ERIKA 603-679-8288 X 31.

8% if paid after
07/01/2022 On 1st Bill 53199.30
12/14/2022 On 2nd Bill 44400.55

2616

UNITIL CORPORATION
NORTHERN UTILITIES
6 LIBERTY LN W
HAMPTON NH 03842-1704

PAY THIS AMOUNT

$ 44,400.55

000357

Town of Exeter
Tax Collector
10 Front Street
Exeter NH 03833

2022

Installment 1 of 2

PROPERTY TAX BILL
Customer Copy
Keep this portion for your records

Owner(s)	Property Location
UNITIL NORTHERN UTILITIES INC	12 NEWFIELDS RD

Parcel	Tax Year	Bill Date	Bill Number	Bill Due Date	Unpaid Taxes Are Subject to Interest at	Unpaid Taxes Are Subject to Interest After
49-3	2022	5/10/2022	6218	7/1/2022	8%	7/1/2022

State School Tax	Local School Tax	Town Tax	County Tax	Total Tax Rate
	7.645	2.895	0.470	11.010

Valuations	
Land	105,000
Buildings	0

Exemptions	
Total Exemptions	0

Taxable Valuation	
Net	105,000

Total Gross Tax	$1,156.05
Less Veteran(s) Credit(s)	$0.00
Less Payments	$0.00

Total Due This Bill $1,156.05

Previous unpaid taxes due. Interest shown as of current bill due date. Please call for payoff amount.

Year	Tax Balance	Interest

Total previous unpaid taxes due as of current bill due date. $0.00

IMPORTANT TAXPAYER INFORMATION IS LOCATED ON BACK OF BILL. PAYMENT MAY BE MADE IN PERSON, LEFT IN BLACK DROPBOX AT TOWN OFFICE (CHECKS ONLY), BY MAIL, OR ONLINE AT https://selfservice.exeternh.gov/MSS. WE ACCEPT eCHECKS, MASTERCARD, VISA, DISCOVER, AND DEBIT CARDS ONLINE - FEES APPLY. CALL 773-6108 FOR PAYMENT QUESTIONS.

Detach and return the below portion with your payment

Town of Exeter
Tax Collector
10 Front Street
Exeter NH 03833

2022

Installment 1 of 2

PROPERTY TAX BILL
Remit Copy
Please write parcel number on your check and enclose this portion of the bill with your payment. Make checks payable to: Town of Exeter

Bill Number	Bill Date	Parcel	Property Location	Due Date	Due This Bill
6218	5/10/2022	49-3	12 NEWFIELDS RD	7/1/2022	$1,156.05

☐ Please See Change of Address on Back

Amount Enclosed
$

5889
137

UNITIL NORTHERN UTILITIES INC
6 LIBERTY LANE WEST
HAMPTON NH 03842

Remit To:

TOWN OF EXETER
10 FRONT ST
EXETER NH 03833

70132082022200006218200001156058
000358

Town of Exeter
Tax Collector
10 Front Street
Exeter NH 03833

2022

Installment 1 of 2

PROPERTY TAX BILL
Customer Copy
Keep this portion for your records

Owner(s)	Property Location
UNITIL NORTHERN UTILITIES INC	280 WATER ST

Parcel	Tax Year	Bill Date	Bill Number	Bill Due Date	Unpaid Taxes Are Subject to Interest at	Unpaid Taxes Are Subject to Interest After
64-2	2022	5/10/2022	6219	7/1/2022	8%	7/1/2022

State School Tax	Local School Tax	Town Tax	County Tax	Total Tax Rate
	7.645	2.895	0.470	11.010

Valuations	
Land	161,800
Buildings	12,729,000

Exemptions	
Total Exemptions	0

Taxable Valuation	
Net	12,890,800

Total Gross Tax	$141,927.71
Less Veteran(s) Credit(s)	$0.00
Less Payments	$0.00

Total Due This Bill
$141,927.71

Previous unpaid taxes due. Interest shown as of current bill due date. Please call for payoff amount.

Year	Tax Balance	Interest

Total previous unpaid taxes due as of current bill due date.
$0.00

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Detach and return the below portion with your payment

Town of Exeter
Tax Collector
10 Front Street
Exeter NH 03833

2022

Installment 1 of 2

PROPERTY TAX BILL
Remit Copy
Please write parcel number on your check and enclose this portion of the bill with your payment. Make checks payable to: Town of Exeter

Bill Number	Bill Date	Parcel	Property Location	Due Date	Due This Bill
6219	5/10/2022	64-2	280 WATER ST	7/1/2022	$141,927.71

☐ Please See Change of Address on Back

Amount Enclosed
$

5889
137

UNITIL NORTHERN UTILITIES INC
6 LIBERTY LANE WEST
HAMPTON NH 03842

Remit To:

TOWN OF EXETER
10 FRONT ST
EXETER NH 03833

70132082022200006219000141927715
000359

Town of Exeter
Tax Collector
10 Front Street
Exeter NH 03833

2022

Installment 1 of 2

PROPERTY TAX BILL
Customer Copy
Keep this portion for your records

Owner(s)	Property Location
UNITIL NORTHERN UTILITIES INC	274 WATER ST

Parcel	Tax Year	Bill Date	Bill Number	Bill Due Date	Unpaid Taxes Are Subject to Interest at	Unpaid Taxes Are Subject to Interest After
64-1	2022	5/10/2022	6220	7/1/2022	8%	7/1/2022

State School Tax	Local School Tax	Town Tax	County Tax	Total Tax Rate
	7.645	2.895	0.470	11.010

Valuations	
Land	85,700
Buildings	0

Exemptions	
Total Exemptions	0

Taxable Valuation	
Net	85,700

Total Gross Tax	$943.56
Less Veteran(s) Credit(s)	$0.00
Less Payments	$0.00

Total Due This Bill
$943.56

Previous unpaid taxes due. Interest shown as of current bill due date. Please call for payoff amount.

Year	Tax Balance	Interest

Total previous unpaid taxes due as of current bill due date.
$0.00

IMPORTANT TAXPAYER INFORMATION IS LOCATED ON BACK OF BILL. PAYMENT MAY BE MADE IN PERSON, LEFT IN BLACK DROPBOX AT TOWN OFFICE (CHECKS ONLY), BY MAIL, OR ONLINE AT https://selfservice.exeternh.gov/MSS. WE ACCEPT eCHECKS, MASTERCARD, VISA, DISCOVER, AND DEBIT CARDS ONLINE - FEES APPLY. CALL 773-6108 FOR PAYMENT QUESTIONS.

Detach and return the below portion with your payment

Town of Exeter
Tax Collector
10 Front Street
Exeter NH 03833

2022

Installment 1 of 2

PROPERTY TAX BILL
Remit Copy
Please write parcel number on your check and enclose this portion of the bill with your payment. Make checks payable to: Town of Exeter

Bill Number	Bill Date	Parcel	Property Location	Due Date	Due This Bill
6220	5/10/2022	64-1	274 WATER ST	7/1/2022	$943.56

Amount Enclosed
$

☐ Please See Change of Address on Back

5889
137

UNITIL NORTHERN UTILITIES INC
6 LIBERTY LANE WEST
HAMPTON NH 03842

Remit To:

TOWN OF EXETER
10 FRONT ST
EXETER NH 03833

701320820222000062208000000943563
000360

Town of Exeter
Tax Collector
10 Front Street
Exeter NH 03833

2022

Installment 2 of 2

PROPERTY TAX BILL
Customer Copy
Keep this portion for your records

Owner(s)	Property Location
UNITIL NORTHERN UTILITIES INC	12 NEWFIELDS RD

Parcel	Tax Year	Bill Date	Bill Number	Bill Due Date	Unpaid Taxes Are Subject to	
					Interest at	Interest After
49-3	2022	11/30/2022	6218	12/30/2022	8%	1/2/2023

State School Tax	Local School Tax	Town Tax	County Tax	Total Tax Rate
	16.460	5.960	0.880	23.300

Valuations	
Land	105,000
Buildings	0

Exemptions	
Total Exemptions	0

Taxable Valuation	
Net	105,000

Total Gross Tax	$2,446.50
Less Veteran(s) Credit(s)	$0.00
Less Payments	-$1,156.05
Plus Interest	$0.00

Total Due This Bill
$1,290.45

Previous unpaid taxes due. Interest shown as of current bill due date. Please call for payoff amount.

Year	Tax Balance	Interest

Total previous unpaid taxes due as of current bill due date.
$0.00

IMPORTANT TAXPAYER INFORMATION IS LOCATED ON BACK OF BILL. PAYMENT MAY BE MADE IN PERSON, LEFT IN BLACK DROPBOX AT TOWN OFFICE (CHECKS ONLY), BY MAIL, OR ONLINE AT https://selfservice.exeternh.gov/MSS. WE ACCEPT eCHECKS, MASTERCARD, VISA, DISCOVER, AND DEBIT CARDS ONLINE - FEES APPLY. CALL 773-6108 FOR PAYMENT QUESTIONS.

Detach and return the below portion with your payment

Town of Exeter
Tax Collector
10 Front Street
Exeter NH 03833

2022

Installment 2 of 2

PROPERTY TAX BILL
Remit Copy
Please write parcel number on your check and enclose this portion of the bill with your payment. Make checks payable to: Town of Exeter

Bill Number	Bill Date	Parcel	Property Location	Due Date	Due This Bill
6218	11/30/2022	49-3	12 NEWFIELDS RD	12/30/2022	$1,290.45

☐ Please See Change of Address on Back

Amount Enclosed
$

5899
139

UNITIL NORTHERN UTILITIES INC
6 LIBERTY LANE WEST
HAMPTON NH 03842

Remit To:

TOWN OF EXETER
10 FRONT ST
EXETER NH 03833

Town of Exeter
Tax Collector
10 Front Street
Exeter NH 03833

2022

Installment 2 of 2

PROPERTY TAX BILL
Customer Copy
Keep this portion for your records

Owner(s)	Property Location
UNITIL NORTHERN UTILITIES INC	274 WATER ST

Parcel	Tax Year	Bill Date	Bill Number	Bill Due Date	Unpaid Taxes Are Subject to	
					Interest at	Interest After
64-1	2022	11/30/2022	6220	12/30/2022	8%	1/2/2023

State School Tax	Local School Tax	Town Tax	County Tax	Total Tax Rate
	16.460	5.960	0.880	23.300

Valuations	
Land	85,700
Buildings	0

Exemptions	
Total Exemptions	0

Taxable Valuation	
Net	85,700

Total Gross Tax	$1,996.81
Less Veteran(s) Credit(s)	$0.00
Less Payments	-$943.56
Plus Interest	$0.00

Total Due This Bill $1,053.25

Previous unpaid taxes due. Interest shown as of current bill due date. Please call for payoff amount.

Year	Tax Balance	Interest

Total previous unpaid taxes due as of current bill due date. $0.00

IMPORTANT TAXPAYER INFORMATION IS LOCATED ON BACK OF BILL. PAYMENT MAY BE MADE IN PERSON, LEFT IN BLACK DROPBOX AT TOWN OFFICE (CHECKS ONLY), BY MAIL, OR ONLINE AT https://selfservice.exeternh.gov/MSS. WE ACCEPT eCHECKS, MASTERCARD, VISA, DISCOVER, AND DEBIT CARDS ONLINE - FEES APPLY. CALL 773-6108 FOR PAYMENT QUESTIONS.

Detach and return the below portion with your payment

Town of Exeter
Tax Collector
10 Front Street
Exeter NH 03833

2022

Installment 2 of 2

PROPERTY TAX BILL
Remit Copy
Please write parcel number on your check and enclose this portion of the bill with your payment. Make checks payable to: Town of Exeter

Bill Number	Bill Date	Parcel	Property Location	Due Date	Due This Bill
6220	11/30/2022	64-1	274 WATER ST	12/30/2022	$1,053.25

☐ Please See Change of Address on Back

Amount Enclosed
$

5699
139

UNITIL NORTHERN UTILITIES INC
6 LIBERTY LANE WEST
HAMPTON NH 03842

Remit To:

TOWN OF EXETER
10 FRONT ST
EXETER NH 03833

Town of Exeter
Tax Collector
10 Front Street
Exeter NH 03833

2022

Installment 2 of 2

PROPERTY TAX BILL

Customer Copy
Keep this portion for your records

Owner(s)	Property Location
UNITIL NORTHERN UTILITIES INC	280 WATER ST

Parcel	Tax Year	Bill Date	Bill Number	Bill Due Date	Unpaid Taxes Are Subject to	
					Interest at	Interest After
64-2	2022	11/30/2022	6219	12/30/2022	8%	1/2/2023

State School Tax	Local School Tax	Town Tax	County Tax	Total Tax Rate
	16.460	5.960	0.880	23.300

Valuations	
Land	161,800
Buildings	13,636,200

Exemptions	
Total Exemptions	0

Taxable Valuation	
Net	13,798,000

Total Gross Tax	$321,493.40
Less Veteran(s) Credit(s)	$0.00
Less Payments	-$141,927.71
Plus Interest	$0.00
Total Due This Bill	**$179,565.69**

Previous unpaid taxes due. Interest shown as of current bill due date. Please call for payoff amount.

Year	Tax Balance	Interest

Total previous unpaid taxes due as of current bill due date. $0.00

IMPORTANT TAXPAYER INFORMATION IS LOCATED ON BACK OF BILL. PAYMENT MAY BE MADE IN PERSON, LEFT IN BLACK DROPBOX AT TOWN OFFICE (CHECKS ONLY), BY MAIL, OR ONLINE AT https://selfservice.exeternh.gov/MSS. WE ACCEPT eCHECKS, MASTERCARD, VISA, DISCOVER, AND DEBIT CARDS ONLINE - FEES APPLY. CALL 773-6108 FOR PAYMENT QUESTIONS.

Detach and return the below portion with your payment

Town of Exeter
Tax Collector
10 Front Street
Exeter NH 03833

2022

Installment 2 of 2

PROPERTY TAX BILL

Remit Copy
Please write parcel number on your check and enclose this portion of the bill with your payment. Make checks payable to: Town of Exeter

Bill Number	Bill Date	Parcel	Property Location	Due Date	Due This Bill
6219	11/30/2022	64-2	280 WATER ST	12/30/2022	$179,565.69

☐ Please See Change of Address on Back

Amount Enclosed
$

5899
139

UNITIL NORTHERN UTILITIES INC
6 LIBERTY LANE WEST
HAMPTON NH 03842

Remit To:

TOWN OF EXETER
10 FRONT ST
EXETER NH 03833

BILL DATE 5/23/2022
INVOICE # 2022-1-172848

Map-Lot: 0P-2

00 - N/A

Tax Rate Information		
School	10.97	$8,729.93
Town	4.82	$3,835.76
State	0.00	$0.00
County	0.94	$748.05
Total	**$16.73**	**$13,314.00**

REAL ESTATE TAX BILL

TOWN OF GREENLAND
TAX COLLECTOR
11 TOWN SQUARE PO BOX 100, GREENLAND,
NH 03840-0100 603-431-7111

ASSESSED VALUE AND EXEMPTIONS			
Land	0.00	Gross Value	$795,800.00
Building	795,800.00	Exemptions:	0.00
		Net Value:	**$795,800.00**

PROPERTY TAX AND CREDITS	
Tax for Year	$13,314.00

UNITIL NORTHERN UTILITIES/UNIT
ACCOUNTS PAYABLE
6 LIBERTY LANE WEST
HAMPTON, NH 03842

Net Property Tax		$13,314.00
1st Half Payment Previously Paid	-	$0.00
Net Due By: 7/1/2022		**$6,657.00**

Unpaid balances accrue interest at 8% per annum after due date.

BILL DATE 5/23/2022
INVOICE # 2022-1-172848

Map-Lot: 0P-2

00 - N/A

Tax Rate Information		
School	10.97	$8,729.93
Town	4.82	$3,835.76
State	0.00	$0.00
County	0.94	$748.05
Total	**$16.73**	**$13,314.00**

REAL ESTATE TAX BILL

TOWN OF GREENLAND
TAX COLLECTOR
11 TOWN SQUARE PO BOX 100, GREENLAND,
NH 03840-0100 603-431-7111

ASSESSED VALUE AND EXEMPTIONS			
Land	0.00	Gross Value	$795,800.00
Building	795,800.00	Exemptions:	0.00
		Net Value:	**$795,800.00**

PROPERTY TAX AND CREDITS	
Tax for Year	$13,314.00

UNITIL NORTHERN UTILITIES/UNIT
ACCOUNTS PAYABLE
6 LIBERTY LANE WEST
HAMPTON, NH 03842

Net Property Tax		$13,314.00
1st Half Payment Previously Paid	-	$0.00
Net Due By: 7/1/2022		**$6,657.00**

Unpaid balances accrue interest at 8% per annum after due date.

BILL DATE 11/9/2022
INVOICE # 2022-2-178302

Tax Rate Information		
School	11.32	$8,130.02
Town	4.40	$3,160.08
State	0.00	$0.00
County	0.92	$660.74
Total	**$16.64**	**$11,951.00**

Map-Lot: 0P-2

00 - N/A

ASSESSED VALUE AND EXEMPTIONS			
Land	0.00	Gross Value	$718,200.00
Building	718,200.00	Exemptions:	0.00
		Net Value:	**$718,200.00**

PROPERTY TAX AND CREDITS	
Tax for Year	$11,951.00

REAL ESTATE TAX BILL

TOWN OF GREENLAND
TAX COLLECTOR
11 TOWN SQUARE PO BOX 100, GREENLAND,
NH 03840-0100 603-431-7111

UNITIL NORTHERN UTILITIES/UNIT
ACCOUNTS PAYABLE
6 LIBERTY LANE WEST
HAMPTON, NH 03842

Net Property Tax		$11,951.00
1st Half Payment Previously Paid	-	$6,657.00
Net Due By: 12/9/2022		**$5,294.00**

Unpaid balances accrue interest at 8% per annum after due date.

BILL DATE 11/9/2022
INVOICE # 2022-2-178302

Tax Rate Information		
School	11.32	$8,130.02
Town	4.40	$3,160.08
State	0.00	$0.00
County	0.92	$660.74
Total	**$16.64**	**$11,951.00**

Map-Lot: 0P-2

00 - N/A

ASSESSED VALUE AND EXEMPTIONS			
Land	0.00	Gross Value	$718,200.00
Building	718,200.00	Exemptions:	0.00
		Net Value:	**$718,200.00**

PROPERTY TAX AND CREDITS	
Tax for Year	$11,951.00

REAL ESTATE TAX BILL

TOWN OF GREENLAND
TAX COLLECTOR
11 TOWN SQUARE PO BOX 100, GREENLAND,
NH 03840-0100 603-431-7111

UNITIL NORTHERN UTILITIES/UNIT
ACCOUNTS PAYABLE
6 LIBERTY LANE WEST
HAMPTON, NH 03842

Net Property Tax		$11,951.00
1st Half Payment Previously Paid	-	$6,657.00
Net Due By: 12/9/2022		**$5,294.00**

Unpaid balances accrue interest at 8% per annum after due date.

TOWN OF HAMPTON
Tax Collector's Office
Donna Bennett, Certified Tax Collector
100 Winnacunnet Road
Hampton, NH 03842-2119
(603) 926-6769
Hours: Mon-Thurs: 8 am - 5 pm; Fri: 8 am - 12 noon
www.hamptonnh.gov

2022 SEMI-ANNUAL PROPERTY TAX BILL

FIRST INSTALLMENT

8.0% APR Interest Charged after 7/1/2022

Account: 89334
Due Date: 7/1/2022
Bill Date: 5/23/2022

3921 11 31 ••••••••••••••••••ALL FOR AADC 030
NORTHERN UTILITIES INC
ATTN: UTILITY ASSET ACCOUNTING
6 LIBERTY LANE WEST
HAMPTON NH 03842-1704

Property	
Map Lot:	999-168
Location:	TOWN AREA
Class:	4000

Tax Rate Information	
Town	$5.91
County	$0.89
Local Ed	$7.10
State Ed	$0.00
Total	$13.90

EXEMPTION, TAX CREDIT AND ABATEMENT INFORMATION

If you are elderly, disabled, blind, a veteran or veteran's spouse, or are unable to pay taxes due to poverty or other good cause, you *may* be eligible for a tax exemption, credit, abatement, or deferral. For details, application information, qualifications, and deadlines for filing, contact the Assessor's office at (603) 929-5837. (See back of this bill for more information.)

ASSESSED VALUE AND EXEMPTIONS

Land	$0.00
Building	$18,884,700.00
Current Use	$0.00
Gross Value	$18,884,700.00
EXEMPTIONS	
Net Assessed Value:	$18,884,700.00

PROPERTY TAX AND CREDITS

Gross Property Tax	$131,249.00
Credits	
Net Property Tax	$131,249.00
First Installment	$131,249.00
Previously Paid	$0.00
Due By: 7/1/2022	**$131,249.00**

***** PLEASE READ THE BACK OF THIS BILL FOR IMPORTANT INFORMATION INCLUDING EXTENDED OFFICE HOURS*****

Owner of Record:
NORTHERN UTILITIES INC
ATTN: UTILITY ASSET ACCOUNTING
6 LIBERTY LANE WEST
HAMPTON NH 03842-1704

MAKE CHECK PAYABLE AND MAIL TO:
TOWN OF HAMPTON
Tax Collector's Office
100 Winnacunnet Road
Hampton, NH 03842-2119

2022 SEMI-ANNUAL PROPERTY TAX BILL
8.0% APR Interest Charged after 7/1/2022

Map-Lot: 999-168 **Account: 89334**
Location: TOWN AREA
Class: 4000
Due By: 7/1/2022

Net Property Tax:	$131,249.00
First Installment:	$131,249.00
Previously Paid:	$0.00
PAY THIS AMOUNT	**$131,249.00**

FOR RECEIPT: Send Entire Bill and Stamped, Self-addressed Envelope
If you no longer own this property, please inform the tax office.

TOWN OF HAMPTON
Tax Collector's Office
Donna Bennett, Certified Tax Collector
100 Winnacunnet Road
Hampton, NH 03842-2119
(603) 926-6769
Hours: Mon-Thurs: 8 am - 5 pm; Fri: 8 am - 12 noon
www.hamptonnh.gov

3921 11 31
NORTHERN UTILITIES INC
ATTN: UTILITY ASSET ACCOUNTING
6 LIBERTY LANE WEST
HAMPTON NH 03842-1704

2022 SEMI-ANNUAL PROPERTY TAX BILL
SECOND INSTALLMENT

8.0% APR Interest Charged after 12/22/2022
Account: 89334
Due Date: 12/22/2022
Bill Date: 11/21/2022

Property	
Map Lot:	999-168
Location:	TOWN AREA
Class:	4000

Tax Rate Information	
Town	$5.95
County	$0.89
Local Ed	$7.62
State Ed	$0.00
Total	$14.46

EXEMPTION, TAX CREDIT AND ABATEMENT INFORMATION

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ASSESSED VALUE AND EXEMPTIONS

Land	$0.00
Building	$18,884,700.00
Current Use	$0.00
Gross Value	$18,884,700.00
EXEMPTIONS	
Net Assessed Value:	$18,884,700.00

PROPERTY TAX AND CREDITS

Total Gross Property Tax	$273,073.00
Credits	
Net Property Tax	$273,073.00
First Installment	$131,249.00
Second Installment	$141,824.00
Previously Paid	$131,249.00
Interest Due	$0.00
Due By: 12/22/2022	**$141,824.00**

***** PLEASE READ THE BACK OF THIS BILL FOR IMPORTANT INFORMATION INCLUDING EXTENDED OFFICE HOURS*****

Owner of Record:
NORTHERN UTILITIES INC
ATTN: UTILITY ASSET ACCOUNTING
6 LIBERTY LANE WEST
HAMPTON NH 03842-1704

MAKE CHECK PAYABLE AND MAIL TO:
TOWN OF HAMPTON
Tax Collector's Office
100 Winnacunnet Road
Hampton, NH 03842-2119

2022 SEMI-ANNUAL PROPERTY TAX BILL
8.0% APR Interest Charged after 12/22/2022

Map-Lot: 999-168 **Account: 89334**
Location: TOWN AREA
Class: 4000
Due By: 12/22/2022

Net Property Tax:	$273,073.00
First Installment:	$131,249.00
Second Installment:	$141,824.00
Previously Paid:	$131,249.00
Interest:	$0.00
PAY THIS AMOUNT	**$141,824.00**

FOR RECEIPT: Send Entire Bill and Stamped, Self-addressed Envelope
If you no longer own this property, please inform the tax office.

TOWN OF HAMPTON
Tax Collector's Office
Donna Bennett, Certified Tax Collector
100 Winnacunnet Road
Hampton, NH 03842-2119
(603) 926-6769
Hours: Mon-Thurs: 8 am - 5 pm; Fri: 8 am - 12 noon
www.hamptonnh.gov

2022 SEMI-ANNUAL PROPERTY TAX BILL

FIRST INSTALLMENT

8.0% APR Interest Charged after 7/1/2022

Account: 89328
Due Date: 7/1/2022
Bill Date: 5/23/2022

3920 11 31 ••••••••••••••••••ALL FOR AADC 030
NORTHERN UTILITIES INC
ATTN: UTILITY ASSET ACCOUNTING
6 LIBERTY LANE WEST
HAMPTON NH 03842-1704

Property	
Map Lot:	999-4
Location:	BEACH PRECINCT
Class:	5000

Tax Rate Information	
Town	$6.70
County	$0.89
Local Ed	$7.10
State Ed	$0.00
Total	$14.69

EXEMPTION, TAX CREDIT AND ABATEMENT INFORMATION

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ASSESSED VALUE AND EXEMPTIONS

Land	$0.00
Building	$9,301,400.00
Current Use	$0.00
Gross Value	$9,301,400.00
EXEMPTIONS	
Net Assessed Value:	$9,301,400.00

PROPERTY TAX AND CREDITS

Gross Property Tax	$68,319.00
Credits	
Net Property Tax	$68,319.00
First Installment	$68,319.00
Previously Paid	$0.00
Due By: 7/1/2022	**$68,319.00**

***** PLEASE READ THE BACK OF THIS BILL FOR IMPORTANT INFORMATION INCLUDING EXTENDED OFFICE HOURS*****

Owner of Record:
NORTHERN UTILITIES INC
ATTN: UTILITY ASSET ACCOUNTING
6 LIBERTY LANE WEST
HAMPTON NH 03842-1704

MAKE CHECK PAYABLE AND MAIL TO:
TOWN OF HAMPTON
Tax Collector's Office
100 Winnacunnet Road
Hampton, NH 03842-2119

2022 SEMI-ANNUAL PROPERTY TAX BILL
8.0% APR Interest Charged after 7/1/2022

Map-Lot: 999-4 **Account: 89328**
Location: BEACH PRECINCT
Class: 5000
Due By: 7/1/2022

Net Property Tax:	$68,319.00
First Installment:	$68,319.00
Previously Paid:	$0.00
PAY THIS AMOUNT	**$68,319.00**

FOR RECEIPT: Send Entire Bill and Stamped, Self-addressed Envelope
If you no longer own this property, please inform the tax office.

TOWN OF HAMPTON
Tax Collector's Office
Donna Bennett, Certified Tax Collector
100 Winnacunnet Road
Hampton, NH 03842-2119
(603) 926-6769
Hours: Mon-Thurs: 8 am - 5 pm; Fri: 8 am - 12 noon
www.hamptonnh.gov

2022 SEMI-ANNUAL PROPERTY TAX BILL
SECOND INSTALLMENT

8.0% APR Interest Charged after 12/22/2022
Account: 89328
Due Date: 12/22/2022
Bill Date: 11/21/2022

3920 11 31
NORTHERN UTILITIES INC
ATTN: UTILITY ASSET ACCOUNTING
6 LIBERTY LANE WEST
HAMPTON NH 03842-1704

Property	
Map Lot:	999-4
Location:	BEACH PRECINCT
Class:	5000

Tax Rate Information	
Town	$6.85
County	$0.89
Local Ed	$7.62
State Ed	$0.00
Total	$15.36

EXEMPTION, TAX CREDIT AND ABATEMENT INFORMATION

If you are elderly, disabled, blind, a veteran or veteran's spouse, or are unable to pay taxes due to poverty or other good cause, you *may* be eligible for a tax exemption, credit, abatement, or deferral. For details, application information, qualifications, and deadlines for filing, contact the Assessor's office at (603) 929-5837. (See back of this bill for more information.)

ASSESSED VALUE AND EXEMPTIONS

Land	$0.00
Building	$9,301,400.00
Current Use	$0.00
Gross Value	$9,301,400.00
EXEMPTIONS	
Net Assessed Value:	$9,301,400.00

PROPERTY TAX AND CREDITS

Total Gross Property Tax	$142,870.00
Credits	
Net Property Tax	$142,870.00
First Installment	$68,319.00
Second Installment	$74,551.00
Previously Paid	$68,319.00
Interest Due	$0.00
Due By: 12/22/2022	**$74,551.00**

***** PLEASE READ THE BACK OF THIS BILL FOR IMPORTANT INFORMATION INCLUDING EXTENDED OFFICE HOURS*****

Owner of Record:
NORTHERN UTILITIES INC
ATTN: UTILITY ASSET ACCOUNTING
6 LIBERTY LANE WEST
HAMPTON NH 03842-1704

MAKE CHECK PAYABLE AND MAIL TO:
TOWN OF HAMPTON
Tax Collector's Office
100 Winnacunnet Road
Hampton, NH 03842-2119

2022 SEMI-ANNUAL PROPERTY TAX BILL
8.0% APR Interest Charged after 12/22/2022

Map-Lot: 999-4 **Account: 89328**
Location: BEACH PRECINCT
Class: 5000
Due By: 12/22/2022

Net Property Tax:	$142,870.00
First Installment:	$68,319.00
Second Installment:	$74,551.00
Previously Paid:	$68,319.00
Interest:	$0.00
PAY THIS AMOUNT	**$74,551.00**

FOR RECEIPT: Send Entire Bill and Stamped, Self-addressed Envelope
If you no longer own this property, please inform the tax office.

Town of Hampton Falls
1 Drinkwater Road
Hampton Falls, NH 03844
Temp - Return Service Requested

NORTHERN UNITIL INC ALLIED GAS
6 LIBERTY LN WEST
HAMPTON, NH 03842

2022 HAMPTON FALLS PROPERTY TAX -- BILL 1 OF 2

Invoice: 2022P01013103
Billing Date: 05/05/2022
Payment Due Date: **07/05/2022**
Amount Due: **$ 874.00**

8% APR Charged After 07/05/2022

Please see the back of this tax bill for more information on RSA 76:11-a
Please do not post date your checks, as the Tax Office can not hold the check. This will result in the check being returned to you and could result in a late payment.

Property Owner

Owner: NORTHERN UNITIL INC ALLIED GAS

Property Description

Map Blk Lot Unt: UT-3-0-0
Location: UTILITY **Acres:** 0.000

Tax Rates		Assessments	
County:	$ 0.45	**Taxable Land:**	0
School:	$ 7.25	**Buildings:**	91,500
Town:	$ 1.85	**Total:**	91,500

Summary Of Taxes

First Bill:	$ 874.00
- Abated/Paid:	$ 0.00
- Veteran Credits:	$ 0.00

Amount Due By 07/05/2022: $ 874.00

Total Tax Rate:	**$ 9.55 ***	**Net Value:**	**91,500**

*** First Bill Tax Rate Equals 1/2 Last Year's Final Tax Rate**

2022 HAMPTON FALLS PROPERTY TAX -- BILL 1 OF 2

Mailed To:
NORTHERN UNITIL INC ALLIED GAS
6 LIBERTY LN WEST
HAMPTON, NH 03842

Town of Hampton Falls
Mon-Thurs 8:00 am - 3 pm

(603) 926-4618
Tax Collector: Stephanie Grant

Owner: NORTHERN UNITIL INC ALLIED GAS

Location: UTILITY
Map Blk Lot Unt: UT-3-0-0
Invoice: 2022P01013103

Amount Due By 07/05/2022: $ 874.00

Remit To:
Town of Hampton Falls
1 Drinkwater Road
Hampton Falls, NH 03844
Temp - Return Service Requested

PAY ONLINE AT: hamptonfalls.nhtaxkiosk.com

RETURN THIS PORTION WITH PAYMENT

REMITTED AMOUNT: _____

NORTHERN UNITIL INC ALLIED GAS
6 LIBERTY LN WEST
HAMPTON, NH 03842

2022 HAMPTON FALLS PROPERTY TAX -- BILL OF

Invoice: 2022P02013202
Billing Date: 11/16/2022
Payment Due Date: **12/22/2022**
Amount Due: **$ 1,627.00**

8% APR Charged After 12/22/2022

Property Owner

Owner: NORTHERN UNITIL INC ALLIED GAS

Property Description

Map Blk Lot Unt: UT-3-0-0
Location: UTILITY **Acres:** 0.000

Tax Rates		Assessments	
County:	$ 0.89	**Taxable Land:**	0
School:	$ 14.86	**Buildings:**	127,600
Town:	$ 3.85	**Total:**	127,600

Summary Of Taxes

Total Tax:	$ 2,501.00
- First Bill:	$ 874.00
- Abated/Paid:	$ 0.00
- Veteran Credits:	$ 0.00

Amount Due By 12/22/2022: $ 1,627.00

Total Tax Rate:	**$ 19.60**	**Net Value:**	**127,600**

2022 HAMPTON FALLS PROPERTY TAX -- BILL OF

Mailed To:
NORTHERN UNITIL INC ALLIED GAS
6 LIBERTY LN WEST
HAMPTON, NH 03842

Owner: NORTHERN UNITIL INC ALLIED GAS

Location: UTILITY
Map Blk Lot Unt: UT-3-0-0
Invoice: 2022P02013202

Amount Due By 12/22/2022: $ 1,627.00

Remit To:

PAY ONLINE AT: hamptonfalls.nhtaxkiosk.com

RETURN THIS PORTION WITH PAYMENT

REMITTED AMOUNT:

Remit To	2022 KENSINGTON PROPERTY TAX – BILL 2 OF 2			
	UNITIL CORPORATION			
TOWN OF KENSINGTON Carlene Wiggin, Tax Collector 95 Amesbury Road Kensington, NH 03833-5620 Temp - Return Service Requested	**Map**	**Lot**	**Sub**	**Net Value**
	000019	000001	000000	$ 1,410,000
	Property Location			**Acres**
	KENSINGTON			0.000
8% APR Charged After 07/06/2022	**Invoice**		**Summary of Taxes**	
PROPERTY TAXES DUE WEDNESDAY, JULY 6, 2022 WWW.TOWN.KENSINGTON.NH.US	2022P01014003		**First Bill:**	$ 11,844.00
Billed To	**Billing Date**			
UNITIL CORPORATION **DBA NORTHERN UTILITIES** **6 LIBERTY LANE WEST** **HAMPTON, NH 03842**	05/11/2022		**- Abated/Paid:**	$ 0.00
	Payment Due Date		**- Vet. Credits:**	$ 0.00
	07/06/2022			
			Amount Due:	**$ 11,844.00**
			Amount Enclosed:	

Please return top copy with your payment.

Tax Collector Office Hours	2022 KENSINGTON PROPERTY TAX – BILL 1 OF 2			
TOWN OF KENSINGTON Mon, Wed & Thursday 9 am - 12:00 pm Wed evening 6:30 pm - 8:00 pm 603-772-5423 Tax Collector: Carlene Wiggin PROPERTY TAXES DUE WEDNESDAY, JULY 6, 2022 WWW.TOWN.KENSINGTON.NH.US	UNITIL CORPORATION			
	Map	**Lot**	**Sub**	**Pg-Line**
	000019	000001	000000	0140-03
	Property Location			**Acres**
	KENSINGTON			0.000

Tax Rates		Assessments		Invoice	Summary Of Taxes	
County:	**$ 0.45**	Taxable Land:	0	2022P01014003	**First Bill:**	$ 11,844.00
School:	**$ 6.09**	Buildings:	1,410,000	**Billing Date**		
Town:	**$ 1.86**	Total:	1,410,000	05/11/2022	**- Abated/Paid:**	$ 0.00
				Payment Due Date	**- Vet. Credits:**	$ 0.00
				07/06/2022		
				Interest Rate	**Amount Due:**	**$ 11,844.00**
				8% APR After 07/06/2022		

Total Tax Rate:	$ 8.40 +	Net Value:	1,410,000

Keep this copy for your records. + 1st Bill Rate=1/2 Last Year's Final Rate

Remit To	2022 KENSINGTON PROPERTY TAX -- BILL 2 OF 2			
	UNITIL CORPORATION			
TOWN OF KENSINGTON Carlene Wiggin, Tax Collector 95 Amesbury Road Kensington, NH 03833-5620 Temp - Return Service Requested	**Map**	**Lot**	**Sub**	**Net Value**
	000019	000001	000000	$ 1,191,700
	Property Location			**Acres**
	KENSINGTON			0.000
8% APR Charged After 12/14/2022	**Invoice**		**Summary of Taxes**	
PROPERTY TAXES DUE **WEDNESDAY, DECEMBER 14,** 2022 WWW.TOWN.KENSINGTON.NH.US	2022P02014101		**Total Tax:**	$ 22,023.00
Billed To	**Billing Date**		**- 1st Bill:**	$ 11,844.00
UNITIL CORPORATION **DBA NORTHERN UTILITIES** **6 LIBERTY LANE WEST** **HAMPTON, NH 03842**	11/09/2022		**- Abated/Paid:**	$ 0.00
	Payment Due Date		**- Vet. Credits:**	$ 0.00
	12/14/2022			
			Amount Due:	**$ 10,179.00**
			Amount Enclosed:	

Please return top copy with your payment.

Tax Collector Office Hours	2022 KENSINGTON PROPERTY TAX -- BILL 2 OF 2			
TOWN OF KENSINGTON Mon, Wed & Thursday 9 am - 1:00 pm Wed evening 6:30 pm - 8:00 pm 603-772-5423 Tax Collector: Carlene Wiggin PROPERTY TAXES DUE WEDNESDAY, DECEMBER 14, 2022 WWW.TOWN.KENSINGTON.NH.US	UNITIL CORPORATION			
	Map	**Lot**	**Sub**	**Pg-Line**
	000019	000001	000000	0141-01
	Property Location			**Acres**
	KENSINGTON			0.000

Tax Rates		Assessments		Invoice	Summary Of Taxes	
County:	**$ 0.87**	Taxable Land:	0	2022P02014101	**Total Tax:**	$ 22,023.00
School:	**$ 13.06**	Buildings:	1,191,700	**Billing Date**	**- 1st Bill:**	$ 11,844.00
Town:	**$ 4.55**	Total:	1,191,700	11/09/2022	**- Abated/Paid:**	$ 0.00
				Payment Due Date	**- Vet. Credits:**	$ 0.00
				12/14/2022		
				Interest Rate	**Amount Due:**	**$ 10,179.00**
				8% APR After 12/14/2022		

Total Tax Rate:	$ 18.48	Net Value:	1,191,700

Keep this copy for your records.

Remit To	2022 KINGSTON PROPERTY TAX – BILL 1 OF 2
Town of Kingston PO Box 657 163 Main Street Kingston, NH 03848-0657	NORTHERN UTILITIES

Map	Lot	Sub	Net Value
0000UT	000012	000000	$ 538,600

Property Location	Acres
VARIOUS	0.000

8% APR Charged After 07/01/2022	Invoice	Summary of Taxes	
See back of bill for important tax information. Remember, the office closes at noon on Fridays (July 1st is a Friday).	2022P01028906	First Bill:	$ 5,208.26
Billed To	**Billing Date**		
NORTHERN UTILITIES **C/O JONATHAN A GIEGERICH, TAX MANAGER** **6 LIBERTY LANE** **WEST HAMPTON, NH 03842**	05/20/2022	- Abated/Paid:	$ 0.00
	Payment Due Date	- Vet. Credits:	$ 0.00
	07/01/2022		
	Amount Due:	**$ 5,208.26**	*
	Amount Enclosed:		

Please return top copy with your payment.

Tax Collector Office Hours	2022 KINGSTON PROPERTY TAX – BILL 1 OF 2
Town of Kingston townclerk@kingstonnh.org M 8 AM-7 PM, T-W-TH 8 AM-4 PM FRI 8 AM-12 PM 603-642-3112 #2 Tax Collector: Tammy L. Bakie See back of bill for important tax information. Remember, the office closes at noon on Fridays (July 1st is a Friday).	NORTHERN UTILITIES

Map	Lot	Sub	Pg-Line
0000UT	000012	000000	0289-06

Property Location	Acres
VARIOUS	0.000

Tax Rates		Assessments		Invoice	Summary Of Taxes	
County:	**$ 0.46**	Taxable Land:	0	2022P01028906	First Bill:	$ 5,208.26
School:	**$ 6.90**	Buildings:	538,600	**Billing Date**		
Town:	**$ 2.31**	Total:	538,600	05/20/2022	- Abated/Paid:	$ 0.00
				Payment Due Date	- Vet. Credits:	$ 0.00
				07/01/2022		
				Interest Rate	**Amount Due:**	**$ 5,208.26** *
				8% APR After 07/01/2022		

Total Tax Rate:	$ 9.67 +	Net Value:	538,600

Keep this copy for your **records.** + **1st Bill** Rate=1/2 Last Year's **Final** Rate

***Discounted Amount Due If Paid By 07/01/2022: $ 5,130.14**

Billed To 2022 KINGSTON PROPERTY TAX – BILL 1 OF 2

Remit To	2022 KINGSTON PROPERTY TAX -- BILL 2 OF 2
Town of Kingston PO Box 657 163 Main Street Kingston, NH 03848-0657	NORTHERN UTILITIES

Map	Lot	Sub	Net Value
0000UT	000012	000000	$ 649,200

Property Location	Acres
VARIOUS	0.000

8% APR Charged After 12/08/2022
DON'T FORGET TO TAKE YOUR DISCOUNT!!! THANK YOU

Billed To
NORTHERN UTILITIES C/O JONATHAN A GIEGERICH, TAX MANAGER 6 LIBERTY LANE WEST HAMPTON, NH 03842

Invoice	Summary of Taxes	
2022P02029002	Total Tax:	$ 13,821.47
Billing Date	- 1st Bill:	$ 5,208.26
11/04/2022	- Abated/Paid:	$ 0.00
Payment Due Date	- Vet. Credits:	$ 0.00
12/08/2022		
Amount Due:	$ 8,613.21	*
Amount Enclosed:		

Please return top copy with your payment.

Tax Collector Office Hours	2022 KINGSTON PROPERTY TAX -- BILL 2 OF 2
Town of Kingston townclerk@kingstonnh.org M 8 AM-7 PM, T-W-TH 8 AM-4 PM FRI 8 AM-12 PM 603-642-3112 #2 Tax Collector: Tammy L. Bakie DON'T FORGET TO TAKE YOUR DISCOUNT!!! THANK YOU	NORTHERN UTILITIES

Map	Lot	Sub	Pg-Line
0000UT	000012	000000	0290-02

Property Location	Acres
VARIOUS	0.000

Tax Rates		Assessments	
County:	$ 0.90	Taxable Land:	0
School:	$ 15.75	Buildings:	649,200
Town:	$ 4.64	Total:	649,200

Invoice	Summary Of Taxes	
2022P02029002	Total Tax:	$ 13,821.47
Billing Date	- 1st Bill:	$ 5,208.26
11/04/2022	- Abated/Paid:	$ 0.00
Payment Due Date	- Vet. Credits:	$ 0.00
12/08/2022		
Interest Rate	Amount Due:	$ 8,613.21 *
8% APR After 12/08/2022		

Total Tax Rate:	$ 21.29	Net Value:	649,200

*Discounted Amount Due If Paid By 12/08/2022: $ 8,484.01

Keep this copy for your records.

Billed To	2022 KINGSTON PROPERTY TAX -- BILL 2 OF 2
NORTHERN UTILITIES C/O JONATHAN A GIEGERICH, TAX MANAGER 6 LIBERTY LANE WEST HAMPTON, NH 03842 DON'T FORGET TO TAKE YOUR DISCOUNT!!! THANK YOU	NORTHERN UTILITIES

Map	Lot	Sub	Pg-Line
0000UT	000012	000000	0290-02

Property Location	Acres
VARIOUS	0.000

Tax Rates		Assessments	
County:	$ 0.90	Taxable Land:	0
School:	$ 15.75	Buildings:	649,200
Town:	$ 4.64	Total:	649,200

Invoice	Summary Of Taxes	
2022P02029002	Total Tax:	$ 13,821.47
Billing Date	- 1st Bill:	$ 5,208.26
11/04/2022	- Abated/Paid:	$ 0.00
Payment Due Date	- Vet. Credits:	$ 0.00
12/08/2022		
Interest Rate	Amount Due:	$ 8,613.21 *
8% APR After 12/08/2022		

Total Tax Rate:	$ 21.29	Net Value:	649,200

*Discounted Amount Due If Paid By 12/08/2022: $ 8,484.01

Town of Madbury
13 Town Hall Road
Madbury, NH 03823
Temp - Return Service Requested

2022 MADBURY PROPERTY TAX -- BILL 1 OF 2

UNITIL
NORTHERN UTILITIES
6 LIBERTY LN WEST
HAMPTON, NH 03842

Invoice: 2022P01013905
Billing Date: 05/25/2022
Payment Due Date: 07/06/2022
Amount Due: $ 3,963.00

8% APR Charged After 07/06/2022

Please see back of this bill for important tax information.

YOU CAN NOW PAY YOUR TAXES ONLINE AT NHTAXKIOSK.COM

Property Owner

Owner: UNITIL
NORTHERN UTILITIES

Property Description

Map: 000009 **Lot:** 000099 **Sub:** 000000
Location: ROUTE 108/UNDERGROU **Acres:** 0.000

Tax Rates		Assessments	
County:	$ 1.14	**Taxable Land:**	0
School:	$ 8.52	**Buildings:**	336,100
Town:	$ 2.13	**Total:**	336,100

Summary Of Taxes

First Bill:	$ 3,963.00
- Abated/Paid:	$ 0.00
- Veteran Credits:	$ 0.00

Amount Due By 07/06/2022: $ 3,963.00

Total Tax Rate: $ 11.79 * **Net Value:** 336,100

*** First Bill Tax Rate Equals 1/2 Last Year's Final Tax Rate**

2022 MADBURY PROPERTY TAX -- BILL 1 OF 2

Mailed To:
UNITIL
NORTHERN UTILITIES
6 LIBERTY LN WEST
HAMPTON, NH 03842

Town of Madbury
Mon. Wed. and Thu. 8:00 AM - 1:00 PM
Mon. 5:00 PM - 7:00 PM
(603) 742-5131
Tax Collector: Lisa Amarosa

Owner: UNITIL
NORTHERN UTILITIES
Location: ROUTE 108/UNDERGROU
Map: 000009 **Lot:** 000099 **Sub:** 000000
Invoice: 2022P01013905

Amount Due By 07/06/2022: $ 3,963.00

Remit To:
Town of Madbury
13 Town Hall Road
Madbury, NH 03823
Temp - Return Service Requested

Tax information can be viewed online by accessing the tax kiosk link found on the town website homepage at www.townofmadbury.com.

RETURN THIS PORTION WITH PAYMENT

REMITTED AMOUNT: _____

Town of Madbury
13 Town Hall Road
Madbury, NH 03823
Temp - Return Service Requested

2022 MADBURY PROPERTY TAX -- BILL 2 OF 2

UNITIL
NORTHERN UTILITIES
6 LIBERTY LN WEST
HAMPTON, NH 03842

Invoice: 2022P02013905
Billing Date: 11/16/2022
Payment Due Date: **12/21/2022**
Amount Due: **$ 2,980.00**

8% APR Charged After 12/21/2022

Please see back of this bill for important tax information.

ONLINE TAX PAYMENTS CAN BE MADE AT NHTAXKIOSK.COM

Property Owner

Owner: UNITIL
NORTHERN UTILITIES

Property Description

Map: 000009 **Lot:** 000099 **Sub:** 000000
Location: ROUTE 108/UNDERGROU **Acres:** 0.000

Tax Rates		Assessments	
County:	$ 2.45	**Taxable Land:**	0
School:	$ 17.30	**Buildings:**	289,300
Town:	$ 4.25	**Total:**	289,300

Summary Of Taxes

Total Tax:	$ 6,943.00
- First Bill:	$ 3,963.00
- Abated/Paid:	$ 0.00
- Veteran Credits:	$ 0.00

Amount Due By 12/21/2022: $ 2,980.00

Total Tax Rate:	**$ 24.00**	**Net Value:**	**289,300**

2022 MADBURY PROPERTY TAX -- BILL 2 OF 2

Mailed To:
UNITIL
NORTHERN UTILITIES
6 LIBERTY LN WEST
HAMPTON, NH 03842

Town of Madbury
Mon. Wed. and Thu. 8:00 AM - 1:00 PM
Mon. 5:00 PM - 7:00 PM
(603) 742-5131
Tax Collector: Lisa Amarosa

Owner: UNITIL
NORTHERN UTILITIES
Location: ROUTE 108/UNDERGROU
Map: 000009 **Lot:** 000099 **Sub:** 000000
Invoice: 2022P02013905

Amount Due By 12/21/2022: $ 2,980.00

Remit To:
Town of Madbury
13 Town Hall Road
Madbury, NH 03823
Temp - Return Service Requested

Tax information can be viewed online by accessing the tax kiosk link found on the town website homepage at www.townofmadbury.com.

RETURN THIS PORTION WITH PAYMENT

REMITTED AMOUNT: _____

First Bill

Town of Newington, N.H.
OFFICE OF THE TAX COLLECTOR
205 NIMBLE HILL ROAD
NEWINGTON, NEW HAMPSHIRE 03801

REAL ESTATE TAX BILL

TAX YEAR	BILL NUMBER	BILLING DATE	INTEREST RATE	DUE DATE
2022	002970-000007	05/17/2022	8% if paid after	07/01/2022

MAP/PARCEL	LOCATION OF PROPERTY	AREA
00-04	UTILITY	

OWNER OF RECORD

UNITIL NORTHERN UTILITIES
ACCOUNTS PAYABLE
6 LIBERTY LANE WEST
HAMPTON, NH 03842

TAX RATE

2021 Tax Rate	
Municipal	6.310
School	1.000
County	0.890
TOTAL	8.200

ASSESSED VALUATION

Buildings	2,811,000
NET VALUE	2,811,000

TAX CALCULATION

1/2 Tax At 2021 Tax Rate

Municipal Tax Amount	17,737.41
School Tax Amount	2,811.00
County Tax Amount	2,501.79
Total Tax	23,050.20
Estimated Tax Amt	11,525.10
<Amount To Pay>	11,525.10

INFORMATION TO TAXPAYERS

THE TAXPAYER MAY, BY MARCH 1ST FOLLOWING THE DAY OF NOTICE OF THE TAX AND NOT AFTERWARDS, APPLY IN WRITING TO THE BOARD OF SELECTMEN FOR A TAX EXEMPTION, CREDIT, ABATEMENT, OR DEFERRAL.

IF YOU ARE ELDERLY, DISABLED, BLIND, A VETERAN OR VETERAN'S SPOUSE, OR ARE UNABLE TO PAY TAXES DUE TO POVERTY OR OTHER GOOD CAUSE, YOU MAY BE ELIGIBLE FOR A TAX EXEMPTION, CREDIT, ABATEMENT, OR DEFERRAL. FOR DETAILS AND APPLICATION INFORMATION, CONTACT THE BOARD OF SELECTMEN.

REAL ESTATE TAX PAYMENTS WILL BE APPLIED FIRST TO THE OLDEST DELINQUENT REAL ESTATE TAXES (IF ANY) FOR THE INDICATED PROPERTY.

TAXPAYERS DESIRING ANY INFORMATION IN REGARD TO TAXATION, ASSESSMENTS, EXEMPTIONS, OR CHANGE OF ADDRESS MUST REFER ALL INQUIRIES TO THE BOARD OF SELECTMEN (436-7640) NOT TO TAX COLLECTOR.

ALL TAXES ARE ASSESSED ON APRIL 1ST OF EACH YEAR, TAX BILLS ARE MAILED TO THE LAST KNOWN ADDRESS.

PAYMENT POLICIES:

- POST-DATED CHECKS CANNOT BE ACCEPTED, AND WILL BE RETURNED TO THE TAXPAYER.
- A $25.00 FEE PLUS ALL ADDITIONAL DELINQUENCY PENALTIES AND COLLECTION COSTS WILL BE CHARGED FOR ANY CHECK RETURNED BY THE BANK FOR ANY REASON.
- PAYMENT OF THIS BILL DOES NOT PREVENT THE COLLECTION OF PREVIOUS UNPAID TAXES, NOR DOES AN ERROR IN THE NAME OF THE PERSON(S) TAXED PREVENT COLLECTION.
- IF YOU ARE NOT THE PRESENT OWNER OF THIS PROPERTY, PLEASE FORWARD TO THE PROPER OWNER. THE TAX COLLECTOR IS NOT RESPONSIBLE FOR PAYMENT ON THE WRONG TAX BILL.
- IF THIS BILL IS PAID BY CHECK OR MONEY ORDER, IT IS NOT CONSIDERED PAID UNTIL THE CHECK OR MONEY ORDER IS CLEARED BY THE BANK.
- **PLEASE MAKE CHECK PAYABLE TO: TOWN OF NEWINGTON - TAX COLLECTOR.**

PLEASE KEEP THIS ENTIRE UPPER PORTION OF BILL FOR YOUR RECORDS.

↑ DETACH HERE ↑ TO INSURE PROPER CREDIT, RETURN ENTIRE BOTTOM PORTION OF BILL ↑ DETACH HERE ↑

TOWN OF NEWINGTON, N.H.
REAL ESTATE TAX BILL

MAP/PARCEL	LOCATION OF PROPERTY	TAX YEAR	BILL NUMBER	DUE DATE
00-04	UTILITY	2022	002970-000007	07/01/2022

8.00% APR Interest Charged After
07/01/2022 On This Bill

<Amount To Pay> 11,525.10

UNITIL NORTHERN UTILITIES
ACCOUNTS PAYABLE
6 LIBERTY LANE WEST
HAMPTON, NH 03842

PLEASE RETURN THIS PORTION WITH YOUR PAYMENT

Ref. No: G 091807239

Second Bill

Town of Newington, N.H.
OFFICE OF THE TAX COLLECTOR
205 NIMBLE HILL ROAD
NEWINGTON, NEW HAMPSHIRE 03801

REAL ESTATE TAX BILL

TAX YEAR	BILL NUMBER	BILLING DATE	INTEREST RATE	DUE DATE
2022	002970-000007	11/03/2022	8% if paid after	12/05/2022

MAP/PARCEL	LOCATION OF PROPERTY	AREA
00-04	UTILITY	

OWNER OF RECORD

UNITIL NORTHERN UTILITIES
ACCOUNTS PAYABLE
6 LIBERTY LANE WEST
HAMPTON, NH 03842

TAX CALCULATION

Municipal Tax Amount	14,868.36
School Tax Amount	2,639.75
County Tax Amount	1,917.77
Total Tax	19,425.88
Actual Tax Amount	19,425.88
Paid to Date	-11,525.10
<Amount To Pay>	7,900.78

TAX RATE

Municipal	6.590
School	1.170
County	0.850
TOTAL	8.610

ASSESSED VALUATION

Buildings	2,256,200
NET VALUE	2,256,200

INFORMATION TO TAXPAYERS

THE TAXPAYER MAY, BY MARCH 1ST FOLLOWING THE DAY OF NOTICE OF THE TAX AND NOT AFTERWARDS, APPLY IN WRITING TO THE BOARD OF SELECTMEN FOR A TAX EXEMPTION, CREDIT, ABATEMENT, OR DEFERRAL.

IF YOU ARE ELDERLY, DISABLED, BLIND, A VETERAN OR VETERAN'S SPOUSE, OR ARE UNABLE TO PAY TAXES DUE TO POVERTY OR OTHER GOOD CAUSE, YOU MAY BE ELIGIBLE FOR A TAX EXEMPTION, CREDIT, ABATEMENT, OR DEFERRAL. FOR DETAILS AND APPLICATION INFORMATION, CONTACT THE BOARD OF SELECTMEN.

REAL ESTATE TAX PAYMENTS WILL BE APPLIED FIRST TO THE OLDEST DELINQUENT REAL ESTATE TAXES (IF ANY) FOR THE INDICATED PROPERTY.

TAXPAYERS DESIRING ANY INFORMATION IN REGARD TO TAXATION, ASSESSMENTS, EXEMPTIONS, OR CHANGE OF ADDRESS MUST REFER ALL INQUIRIES TO THE BOARD OF SELECTMEN (436-7640) NOT TO TAX COLLECTOR.

ALL TAXES ARE ASSESSED ON APRIL 1ST OF EACH YEAR. TAX BILLS ARE MAILED TO THE LAST KNOWN ADDRESS.

PAYMENT POLICIES:

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- PAYMENT OF THIS BILL DOES NOT PREVENT THE COLLECTION OF PREVIOUS UNPAID TAXES, NOR DOES AN ERROR IN THE NAME OF THE PERSON(S) TAXED PREVENT COLLECTION.
- IF YOU ARE NOT THE PRESENT OWNER OF THIS PROPERTY, PLEASE FORWARD TO THE PROPER OWNER. THE TAX COLLECTOR IS NOT RESPONSIBLE FOR PAYMENT ON THE WRONG TAX BILL.
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- **PLEASE MAKE CHECK PAYABLE TO: TOWN OF NEWINGTON - TAX COLLECTOR.**

PLEASE KEEP THIS ENTIRE UPPER PORTION OF BILL FOR YOUR RECORDS.

↑ DETACH HERE ↑ TO INSURE PROPER CREDIT, RETURN ENTIRE BOTTOM PORTION OF BILL ↑ DETACH HERE ↑

TOWN OF NEWINGTON, N.H.
REAL ESTATE TAX BILL

MAP/PARCEL	LOCATION OF PROPERTY	TAX YEAR	BILL NUMBER	DUE DATE
00-04	UTILITY	2022	002970-000007	12/05/2022

8.00% APR Interest Charged After
07/01/2022 On 1st Bill 11525.10
12/05/2022 On 2nd Bill 7900.78

<Amount To Pay> 7,900.78

UNITIL NORTHERN UTILITIES
ACCOUNTS PAYABLE
6 LIBERTY LANE WEST
HAMPTON, NH 03842

PLEASE RETURN THIS PORTION WITH YOUR PAYMENT

Ref. No: G 091807239

Remit To	2022 NORTH HAMPTON PROPERTY TAX – BILL 1 OF 2			
	NORTHERN UTILITIES INC			
Town of North Hampton Town Clerk/Tax Collector 237 Atlantic Avenue North Hampton, NH 03862 Temp - Return Service Requested	Map	Lot	Sub	Net Value
	000999	000003	000000	$ 1,822,800
	Property Location			Acres
	UTILITY-GAS			0.000
8% APR Charged After 07/01/2022	Invoice		Summary of Taxes	
	2022P01024603		First Bill:	$ 13,306.00
Billed To	Billing Date			
NORTHERN UTILITIES INC ACCOUNTS PAYABLE 6 LIBERTY LANE WEST HAMPTON, NH 03842	05/18/2022		- Abated/Paid:	$ 0.00
	Payment Due Date		- Vet. Credits:	$ 0.00
	07/01/2022			
	Amount Due:		$ 13,306.00	
	Amount Enclosed:			

Please return top copy with your payment.

Tax Collector Office Hours	2022 NORTH HAMPTON PROPERTY TAX – BILL 1 OF 2			
Town of North Hampton Mon 8:30am - 6:00pm, Tues,Wed&Thurs 8:30-3:00 Fri 8:30-12:00 (603) 964-6029 Tax Collector: Susan M. Buchanan	NORTHERN UTILITIES INC			
	Map	Lot	Sub	Pg-Line
	000999	000003	000000	0246-03
	Property Location			Acres
	UTILITY-GAS			0.000

Tax Rates		Assessments		Invoice	Summary Of Taxes	
County:	$ 0.46	Taxable Land:	0	2022P01024603	First Bill:	$ 13,306.00
School:	$ 4.21	Buildings:	1,822,800	Billing Date		
Town:	$ 2.63	Total:	1,822,800	05/18/2022	- Abated/Paid:	$ 0.00
				Payment Due Date	- Vet. Credits:	$ 0.00
				07/01/2022		
				Interest Rate	Amount Due:	$ 13,306.00
				8% APR After 07/01/2022		

Total Tax Rate:	$ 7.30 +	Net Value:	1,822,800

Keep this copy for your records. + 1st Bill Rate=1/2 Last Year's Final Rate

Remit To	2022 NORTH HAMPTON PROPERTY TAX -- BILL 2 OF 2			
	NORTHERN UTILITIES INC			
Town of North Hampton Town Clerk/Tax Collector 237 Atlantic Avenue North Hampton, NH 03862 Temp - Return Service Requested	Map	Lot	Sub	Net Value
	000999	000003	000000	$ 1,555,100
	Property Location			Acres
	UTILITY-GAS			0.000
8% APR Charged After 01/16/2023	Invoice		Summary of Taxes	
	2022P02024506		Total Tax:	$ 24,508.00
Billed To	Billing Date		- 1st Bill:	$ 13,306.00
NORTHERN UTILITIES INC ACCOUNTS PAYABLE 6 LIBERTY LANE WEST HAMPTON, NH 03842	12/14/2022		- Abated/Paid:	$ 0.00
	Payment Due Date		- Vet. Credits:	$ 0.00
	01/16/2023			
	Amount Due:		$ 11,202.00	
	Amount Enclosed:			

Please return top copy with your payment.

Tax Collector Office Hours	2022 NORTH HAMPTON PROPERTY TAX -- BILL 2 OF 2			
Town of North Hampton Mon 8:30am - 6:00pm, Tues,Wed&Thurs 8:30-3:00 Fri 8:30-12:00 (603) 964-6029 Tax Collector: Susan M. Buchanan	NORTHERN UTILITIES INC			
	Map	Lot	Sub	Pg-Line
	000999	000003	000000	6245-06
	Property Location			Acres
	UTILITY-GAS			0.000

Tax Rates		Assessments		Invoice	Summary Of Taxes	
County:	$ 0.94	Taxable Land.	0	2022P02024506	Total Tax:	$ 24,508.00
School:	$ 8.97	Buildings	1,555,100	Billing Date	- 1st Bill:	$ 13,306.00
Town:	$ 5.85	Total:	1,555,100	12/14/2022	- Abated/Paid:	$ 0.00
				Payment Due Date	- Vet. Credits:	$ 0.00
				01/16/2023		
				Interest Rate	Amount Due:	$ 11,202.00
				8% APR After 01/16/2023		

Total Tax Rate:	$ 15.76	Net Value:	1,555,100

Keep this copy for your records.

PLEASE UTILIZE OUR DROP BOX IN FRONT LOBBY FOR PAYMENT OR U.S. MAIL. *POSTMARK IS ACCEPTED*

TOWN OF PLAISTOW, NH
TAX COLLECTOR
145 MAIN ST
PLAISTOW, NH 03865
REAL ESTATE TAX BILL

TAX@TOWNOFPLAISTOW.COM
PHONE 603-382-8611
M/T/W 9am-4pm

Northern Utilities, Inc.
New Hampshire Division
Exhibit 2
Attachment NU-DTN-2
Page 42 of 76

First Bill

TAX YEAR	BILL NUMBER	BILLING DATE	INTEREST RATE	DUE DATE
2022	002547-001881	5/18/2022	8.00% if Paid after	7/1/2022

MAP/PARCEL	LOCATION OF PROPERTY	AREA
60-070-000-000	84 FORREST ST	2.08

OWNER OF RECORD

NORTHERN UTILITIES
C/O UNITIL NORTHERN UTILITIES
ACCOUNTS PAYABLE
6 LIBERTY LN W
HAMPTON NH 03842-1704

TAX CALCULATION

1/2 Tax at 2021 Tax Rate	
Municipal	23,118.00
Local Edu	58,738.00
State Edu	0.00
County	3,969.00
Total Tax	85,825.00
Estimated Tax Amount	85,825.00
Net Due This Bill	**85,825.00**

TAX CALCULATION		ASSESSED VALUATION	
2021 Tax Rate			
Municipal	4.66	Land	159,600
Local Edu	11.84	Building	9,762,400
County	0.79		
TOTAL	17.29	NET VALUE	9,922,000

INFORMATION TO TAXPAYERS

All property owners shall be billed semi-annually. The Property Tax Assessment year is April 1-March 31.

The Taxpayer may, by March 1st following the date of notice of tax and not afterwards. Apply in writing to the Board of Assessors for a Tax Abatement or Deferral.

If you are ELDERLY, DISABLED, BLIND, A VETERAN OR VETERAN'S SPOUSE, OR ARE UNABLE TO PAY TAXES DUE TO POVERTY OR OTHER GOOD CAUSE you may be eligible for a tax exemption, credit, abatement or deferral. For details, application information and deadlines contact the Assessing Department at (603)382-5200 x240.

APPLICATIONS FOR EXEMPTIONS AND/OR CREDITS MUST BE FILED ON OR BEFORE APRIL 15TH EACH YEAR.

Real estate tax payments received by mail will be applied to the oldest tax bill first, for the indicated property, unless noted otherwise or accompanied by the remittance stub.

PAYMENT POLICIES

POST-DATED CHECKS CANNOT BE ACCEPTED AND WILL BE RETURNED.

A **$25** FEE, PLUS ALL ADD'TL DELINQUENCY PENALTIES AND COLLECTION COSTS WILL BE ASSESSED FOR ANY RETURNED CHECK.

TAX BILL is not considered **PAID** until check or money is CLEARED BY THE BANK

IF YOU ARE NOT THE PRESENT OWNER OF THIS PROPERTY, PLEASE FORWARD TO THE NEW OWNER. THE TAX COLLECTOR IS NOT RESPONSIBLE FOR PAYMENT ON THE WRONG BILL

PLEASE MAKE CHECK PAYABLE TO: TOWN OF PLAISTOW

↑DETACH HERE↑ TO ENSURE PROPER CREDIT, PLEASE RETURN ENTIRE BOTTOM PORTION OF BILL ↑DETACH HERE↑

PLEASE UTILIZE OUR DROP BOX IN FRONT LOBBY FOR PAYMENT OR U.S. MAIL. *POSTMARK IS ACCEPTED*

TOWN OF PLAISTOW, NH
REAL ESTATE TAX BILL

First Bill

MAP/PARCEL	LOCATION OF PROPERTY	TAX YEAR	BILL NUMBER	DUE DATE
60-070-000-000	84 FORREST ST	2022	002547-001881	7/1/2022

8.00% APR Interest Charged After 7/1/2022

2869

NORTHERN UTILITIES
C/O UNITIL NORTHERN UTILITIES
ACCOUNTS PAYABLE
6 LIBERTY LN W
HAMPTON NH 03842-1704

Net Due This Bill 85,825.00

PLEASE UTILIZE OUR DROP BOX IN FRONT LOBBY FOR PAYMENT OR U.S. MAIL. *POSTMARK IS ACCEPTED*

TOWN OF PLAISTOW, NH
TAX COLLECTOR
145 MAIN ST
PLAISTOW, NH 03865
REAL ESTATE TAX BILL

TAXCOLLECTOR@PLAISTOW.COM
PHONE 603-382-8611
M/T/W 9am-4pm

Second Bill

TAX YEAR	BILL NUMBER	BILLING DATE	INTEREST RATE	DUE DATE
2022	002547-001881	11/16/2022	8.00% if Paid after	12/28/2022

MAP/PARCEL	LOCATION OF PROPERTY	AREA
60-070-000-000	84 FORREST ST	2.08

OWNER OF RECORD

NORTHERN UTILITIES
C/O UNITIL NORTHERN UTILITIES
ACCOUNTS PAYABLE
6 LIBERTY LN W
HAMPTON NH 03842-1704

TAX CALCULATION	
Municipal	5.18
Local Edu	11.91
County	0.71
TOTAL	17.80

ASSESSED VALUATION	
Land	159,600
Building	11,651,600
NET VALUE	11,811,200

TAX CALCULATION

Municipal	61,182.00
Local Edu	140,671.00
State Edu	0.00
County	8,386.00
Total Tax	210,239.00
Actual Tax Amount	210,239.00
Less Previous Bill	-85,825.00
Net Due This Bill	**124,414.00**

INFORMATION TO TAXPAYERS

All property owners shall be billed semi-annually. The Property Tax Assessment year is April 1-March 31.

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TAX BILL is not considered **PAID** until check or money is CLEARED BY THE BANK

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PLEASE MAKE CHECK PAYABLE TO: TOWN OF PLAISTOW

↑DETACH HERE↑ TO ENSURE PROPER CREDIT, PLEASE RETURN ENTIRE BOTTOM PORTION OF BILL ↑DETACH HERE↑

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TOWN OF PLAISTOW, NH
REAL ESTATE TAX BILL

Second Bill

MAP/PARCEL	LOCATION OF PROPERTY	TAX YEAR	BILL NUMBER	DUE DATE
60-070-000-000	84 FORREST ST	2022	002547-001881	12/28/2022

8.00% APR Interest Charged After 12/28/2022

2904

NORTHERN UTILITIES
C/O UNITIL NORTHERN UTILITIES
ACCOUNTS PAYABLE
6 LIBERTY LN W
HAMPTON NH 03842-1704

Net Due This Bill 124,414.00

City of Portsmouth
1 Junkins Avenue
Portsmouth, NH 03801
Phone: (603) 610-7244
EMail: taxdept@cityofportsmouth.com
Hours: M 8-6pm; T,W,Th 8-4:30pm; F 8-1pm

Location
325 WEST RD
Map - Lot
0267-0015-0000
Account #
35823

REMINDER *

2nd Half 2021 Property Tax DUE: 6/01/2022

NORTHERN UTILITIES INC
6 LIBERTY LANE WEST
HAMPTON, NH 03842

Interest Calculated Through 6/01/2022

Tax Amounts and/or Tax Liens Due

Year / Description / Bill#	Due Date	Principal	Costs/Penalty	Interest Due	Per Diem	Due this Bill
2021 TX TAX2 329954-TX	6/01/2022	15,362.00	0.00	0.00	0.0000	15,362.00
				Total Due:::::**		**15,362.00**

NOTE: The original 2021 TAX BILL, including the first and second half payment stubs and return envelopes, was mailed to you in November. This is a courtesy reminder for the SECOND HALF 2021 TAX BILL AMOUNT, DUE JUNE 1, 2022, and any other amounts which are past due.

Interest accrues at 8% on Tax Bills after the due date. Interest accrues at 14% on Liens executed on 2019 tax bills and later, 18% on liens executed on 2018 bills and prior.

Payment Options:

Mail --- Return the second-half payment stub in the return envelope (previously mailed to you in November).
- Otherwise, to ensure proper credit, please include your 5-digit Account Number and mail payment to:
City of Portsmouth - Tax Collector, 1 Junkins Avenue, Portsmouth, NH 03801

Phone --- 1-844-850-9185. $1.50 phone fee applies. In addition, a 2.95% fee applies to credit/debit card payments.

Online --- Go to: www.cityofportsmouth.com, select 'Pay My Bill'. Payments post within 2-business days.
- By ACH or E-check from your checking or savings account - NO FEE
- By credit/debit card - 2.95% convenience fee ($1.95 minimum) applies

At City Hall --- Check, Cash or Credit Card at counter, or Check along with bill stub in secure parking lot Drop Box.
- By credit/debit card - 2.95% convenience fee ($1.95 minimum) applies

City of Portsmouth
1 Junkins Avenue
Portsmouth, NH 03801
Phone: (603) 610-7244
EMail: taxdept@cityofportsmouth.com
Hours: M 8-6pm; T,W,Th 8-4:30pm; F 8-1pm

Location
139 BARBERRY LN
Map - Lot
0234-0001-0000
Account #
35504

REMINDER *

2nd Half 2021 Property Tax DUE: 6/01/2022

NORTHERN UTILITIES INC
ACCOUNTS PAYABLE
6 LIBERTY LN WEST
HAMPTON, NH 03842

Interest Calculated Through 6/01/2022

Tax Amounts and/or Tax Liens Due

Year / Description / Bill#	Due Date	Principal	Costs/Penalty	Interest Due	Per Diem	Due this Bill
2021 TX TAX2 329703-TX	6/01/2022	5,324.00	0.00	0.00	0.0000	5,324.00
				Total Due:::::**		**5,324.00**

NOTE: The original 2021 TAX BILL, including the first and second half payment stubs and return envelopes, was mailed to you in November. This is a courtesy reminder for the SECOND HALF 2021 TAX BILL AMOUNT, DUE JUNE 1, 2022, and any other amounts which are past due.

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City of Portsmouth
1 Junkins Avenue
Portsmouth, NH 03801
Phone: (603) 610-7244
EMail: taxdept@cityofportsmouth.com
Hours: M 8-6pm; T,W,Th 8-4:30pm; F 8-1pm

Location
0 PUBLIC ROW
Map - Lot
0199-0009-0000
Account #
51089

REMINDER *

2nd Half 2021 Property Tax DUE: 6/01/2022

NORTHERN UTILITIES INC ACCTS PAYABLE
6 LIBERTY LN WEST
HAMPTON, NH 03842

Interest Calculated Through 6/01/2022

Tax Amounts and/or Tax Liens Due

Year / Description / Bill#	Due Date	Principal	Costs/Penalty	Interest Due	Per Diem	Due this Bill
2021 TX TAX2 325913-TX	6/01/2022	312,111.00	0.00	0.00	0.0000	312,111.00
				Total Due:::::**		**312,111.00**

NOTE: The original 2021 TAX BILL, including the first and second half payment stubs and return envelopes, was mailed to you in November. This is a courtesy reminder for the SECOND HALF 2021 TAX BILL AMOUNT, DUE JUNE 1, 2022, and any other amounts which are past due.

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Payment Options:

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- Otherwise, to ensure proper credit, please include your 5-digit Account Number and mail payment to:
City of Portsmouth - Tax Collector, 1 Junkins Avenue, Portsmouth, NH 03801

Phone --- 1-844-850-9185. $1.50 phone fee applies. In addition, a 2.95% fee applies to credit/debit card payments.

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- By ACH or E-check from your checking or savings account - NO FEE
- By credit/debit card - 2.95% convenience fee ($1.95 minimum) applies

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City of Portsmouth, 2022 Property Tax Bill

1 Junkins Avenue, Portsmouth, NH 03801 (603) 610-7244

FISCAL YEAR 2023

To: NORTHERN UTILITIES INC
ACCOUNTS PAYABLE

6 LIBERTY LN WEST
HAMPTON, NH 03842-

Owner(s)
of Record: NORTHERN UTILITIES INC ACCOUNTS PAYABLE

Account: 35504	Map-Lot: 0234-0001-0000	Location: 139 BARBERRY LN

TAX RATE INFORMATION

MUNICIPAL	7.59
LOCAL EDUCATION	5.40
COUNTY	0.85
STATE EDUCATION	
Total Tax Rate:	13.84

TAX RATE PER $1000 OF NET ASSESSED VALUE

ASSESSED VALUES

Property Valuation:	948,700.00
Net Valuation	948,700.00
2022 ANNUAL TAX	**13,130.00**
2022 Net Annual Tax	**13,130.00**

First Half Tax Bill:	(Due on 1/04/2023)	6,565.00
Pre-payments First Half:		0.00
Due First Half Bill:		6,565.00
Second Half Tax Bill:	(Due on 6/01/2023)	6,565.00
Prepayments Second Half:		0.00
Due Second Half Bill:		6,565.00

PLEASE KEEP THIS ENTIRE UPPER PORTION OF BILL FOR YOUR RECORDS

Detach at perforation above and mail this remittance coupon with your payment due. 6/01/2023 **SECOND INSTALLMENT**

MAP/LOT NUMBER	LOCATION	TAX YEAR	Invoice #	DUE DATE
0234-0001-0000	139 BARBERRY LN	2022	347758	6/01/2023

City of Portsmouth, 1 Junkins Avenue, Portsmouth, NH 03801

HOURS OF OPERATION: MON 8:00am - 6:00pm
TUES-THU 8:00am - 4:30pm FRI 8:00am - 1:00pm

Please make any address changes here

To Pay Online, scan QR Code

8% APR Interest Charged After 6/01/2023

Second Installment

Make checks payable to: City of Portsmouth

Amount To Pay 6,565.00

If receipt desired, please include self-addressed, stamped envelope.

Account: 35504

NORTHERN UTILITIES INC
ACCOUNTS PAYABLE
6 LIBERTY LN WEST
HAMPTON, NH 03842-

20 0000347758 0000656500 4

Detach at perforation above and mail this remittance coupon with your payment due. 1/04/2023 **FIRST INSTALLMENT**

MAP/LOT NUMBER	LOCATION	TAX YEAR	Invoice #	DUE DATE
0234-0001-0000	139 BARBERRY LN	2022	338857	1/04/2023

City of Portsmouth, 1 Junkins Avenue, Portsmouth, NH 03801

HOURS OF OPERATION: MON 8:00am - 6:00pm
TUES-THU 8:00am - 4:30pm FRI 8:00am - 1:00pm

Please make any address changes here

To Pay Online, scan QR Code

8% APR Interest Charged After 1/04/2023

First Installment

Make checks payable to: City of Portsmouth

Amount To Pay 6,565.00

If receipt desired, please include self-addressed, stamped envelope.

Account: 35504

NORTHERN UTILITIES INC
ACCOUNTS PAYABLE
6 LIBERTY LN WEST
HAMPTON, NH 03842-

20 0000338857 0000656500 8

City of Portsmouth, 2022 Property Tax Bill

1 Junkins Avenue, Portsmouth, NH 03801 (603) 610-7244

FISCAL YEAR 2023
Exhibit 2

To: NORTHERN UTILITIES INC

6 LIBERTY LANE WEST
HAMPTON, NH 03842-

Owner(s) of Record: NORTHERN UTILITIES INC

Account: 35823	Map-Lot: 0267-0015-0000	Location: 325 WEST RD

TAX RATE INFORMATION

MUNICIPAL	7.59
LOCAL EDUCATION	5.40
COUNTY	0.85
STATE EDUCATION	
Total Tax Rate:	13.84

TAX RATE PER $1000 OF NET ASSESSED VALUE

ASSESSED VALUES

Property Valuation:	2,347,100.00
Net Valuation	2,347,100.00
2022 ANNUAL TAX	**32,483.00**
2022 Net Annual Tax	**32,483.00**

First Half Tax Bill:	(Due on 1/04/2023)	16,242.00
Pre-payments First Half:		0.00
Due First Half Bill:		16,242.00
Second Half Tax Bill:	(Due on 6/01/2023)	16,241.00
Prepayments Second Half:		0.00
Due Second Half Bill:		16,241.00

PLEASE KEEP THIS ENTIRE UPPER PORTION OF BILL FOR YOUR RECORDS

Detach at perforation above and mail this remittance coupon with your payment due. 6/01/2023 **SECOND INSTALLMENT**

MAP/LOT NUMBER	LOCATION	TAX YEAR	Invoice #	DUE DATE
0267-0015-0000	325 WEST RD	2022	348008	6/01/2023

City of Portsmouth, 1 Junkins Avenue, Portsmouth, NH 03801

HOURS OF OPERATION: MON 8:00am - 6:00pm
TUES-THU 8:00am - 4:30pm FRI 8:00am - 1:00pm

Please make any address changes here

To Pay Online, scan QR Code

8% APR Interest Charged After 6/01/2023

Second Installment

Make checks payable to: City of Portsmouth

Amount To Pay 16,241.00

If receipt desired, please include self-addressed, stamped envelope.

Account: 35823

NORTHERN UTILITIES INC
6 LIBERTY LANE WEST
HAMPTON, NH 03842-

20 0000348008 0001624100 7

Detach at perforation above and mail this remittance coupon with your payment due. 1/04/2023 **FIRST INSTALLMENT**

MAP/LOT NUMBER	LOCATION	TAX YEAR	Invoice #	DUE DATE
0267-0015-0000	325 WEST RD	2022	339107	1/04/2023

City of Portsmouth, 1 Junkins Avenue, Portsmouth, NH 03801

HOURS OF OPERATION: MON 8:00am - 6:00pm
TUES-THU 8:00am - 4:30pm FRI 8:00am - 1:00pm

Please make any address changes here

To Pay Online, scan QR Code

8% APR Interest Charged After 1/04/2023

First Installment

Make checks payable to: City of Portsmouth

Amount To Pay 16,242.00

If receipt desired, please include self-addressed, stamped envelope.

Account: 35823

NORTHERN UTILITIES INC
6 LIBERTY LANE WEST
HAMPTON, NH 03842-

20 0000339107 0001624200 8

City of Portsmouth, 2022 Property Tax Bill

1 Junkins Avenue, Portsmouth, NH 03801 (603) 610-7244

BILL FOR FISCAL YEAR 2023
EXHIBIT 2

To: NORTHERN UTILITIES INC
ACCOUNTS PAYABLE

6 LIBERTY LN WEST
HAMPTON, NH 03842-

Owner(s)
of Record: NORTHERN UTILITIES INC ACCOUNTS PAYABLE

Account: 51089	Map-Lot: 0199-0009-0000	Location: 0 PUBLIC ROW

TAX RATE INFORMATION

MUNICIPAL	7.59
LOCAL EDUCATION	5.40
COUNTY	0.85
STATE EDUCATION	
Total Tax Rate:	13.84

TAX RATE PER $1000 OF NET ASSESSED VALUE

ASSESSED VALUES

Property Valuation:	46,576,800.00
Net Valuation	46,576,800.00
2022 ANNUAL TAX	**644,623.00**
2022 Net Annual Tax	**644,623.00**

First Half Tax Bill:	(Due on 1/04/2023)	322,312.00
Pre-payments First Half:		0.00
Due First Half Bill:		322,312.00
Second Half Tax Bill:	(Due on 6/01/2023)	322,311.00
Prepayments Second Half:		0.00
Due Second Half Bill:		322,311.00

PLEASE KEEP THIS ENTIRE UPPER PORTION OF BILL FOR YOUR RECORDS

Detach at perforation above and mail this remittance coupon with your payment due. 6/01/2023 **SECOND INSTALLMENT**

MAP/LOT NUMBER	LOCATION	TAX YEAR	Invoice #	DUE DATE
0199-0009-0000	PUBLIC ROW	2022	343976	6/01/2023

City of Portsmouth, 1 Junkins Avenue, Portsmouth, NH 03801

HOURS OF OPERATION: MON 8:00am - 6:00pm
TUES-THU 8:00am - 4:30pm FRI 8:00am - 1:00pm

Please make any address changes here

To Pay Online, scan QR Code

8% APR Interest Charged After 6/01/2023

Second Installment

Make checks payable to: City of Portsmouth

Amount To Pay	322,311.00

If receipt desired, please include self-addressed, stamped envelope.

Account: 51089

NORTHERN UTILITIES INC
ACCOUNTS PAYABLE
6 LIBERTY LN WEST
HAMPTON, NH 03842-

20 0000343976 0032231100 4

Detach at perforation above and mail this remittance coupon with your payment due. 1/04/2023 **FIRST INSTALLMENT**

MAP/LOT NUMBER	LOCATION	TAX YEAR	Invoice #	DUE DATE
0199-0009-0000	PUBLIC ROW	2022	335075	1/04/2023

City of Portsmouth, 1 Junkins Avenue, Portsmouth, NH 03801

HOURS OF OPERATION: MON 8:00am - 6:00pm
TUES-THU 8:00am - 4:30pm FRI 8:00am - 1:00pm

Please make any address changes here

To Pay Online, scan QR Code

8% APR Interest Charged After 1/04/2023

First Installment

Make checks payable to: City of Portsmouth

Amount To Pay	322,312.00

If receipt desired, please include self-addressed, stamped envelope.

Account: 51089

NORTHERN UTILITIES INC
ACCOUNTS PAYABLE
6 LIBERTY LN WEST
HAMPTON, NH 03842-

20 0000335075 0032231200 2

City of Rochester
Tax Collector
PO Box 981096
Boston MA 02298-1096
OFFICE HOURS - Monday thru Friday 8 a.m. to 4:30 p.m.

2022 PROPERTY TAX BILL

Remit Copy

Please write your parcel number on your check and enclose this portion of bill with your payment.
Make checks payable to: City of Rochester

Bill Number	Bill Date	Parcel	Location
9502	06/15/2022	0100-0001-0000	0 ROCHESTER CITY OF

Amount Due
$387,235.00

867609 778 01 009132 01 NNNNNY
NORTHERN UTILITIES INC
% UNITIL ACCOUNTS PAYABLE
6 LIBERTY LANE WEST
HAMPTON, NH 03842-1704

Please Note Address & Owner Correction Below:
Name: _____
Street: _____
City: _____ State: ____ Zip: ____

9209208202220000950260038723500 5

✂ DETACH AND RETURN THE PORTION ABOVE WITH YOUR PAYMENT ✂

City of Rochester
Tax Collector
Rochester, New Hampshire
OFFICE HOURS - Monday thru Friday 8 a.m. to 4:30 p.m.

2022 PROPERTY TAX BILL

Customer Copy

Keep this portion for your records

Customer	Location
NORTHERN UTILITIES INC	0 ROCHESTER CITY OF

Bill Date	Bill Number	Parcel	Year	Interest Begins
06/15/2022	9502	0100-0001-0000	2022	07/15/2022

Unpaid Taxes are Subject to		State School Tax	Local School Tax	County Tax	City Tax	Tax Rate *
Interest at	After					
8 %	07/14/2022	0.920	6.205	1.255	3.945	12.325

Valuations	
LAND	1,002,600
CURRENT USE	0
BUILDINGS	32,950,500
Exemptions	
ELDERLY	0
BLIND	0
DISABLED	0
Taxable Valuation	
NET	33,953,100

Tax Rate Per 1000

* BASED ON 1/2 OF PRIOR YEAR TAX RATE

JULY BILL	387,235.00
LESS VETERANS CREDIT	0.00
LESS PREPAYMENTS	0.00

Total Due This Bill
$387,235.00

Previous Unpaid Taxes Due - Includes Interest Thru 07/14/2022

Year	Date	Balance	Interest
2021		1,876.25	67.03

Late fee with interest

Total Previous Unpaid Taxes Due
$1,943.28

IMPORTANT TAXPAYER INFORMATION LOCATED ON BACK OF BILL

PAYMENTS MUST BE POSTMARKED BY JULY 14, 2022
MASTER CARD, VISA, DISCOVER,AMEX. CREDIT CARD FEES 2.45%, DEBIT 1%, E-CHECK $1.50, MINIMUM FEE $1.95.
PAY ONLINE WWW.ROCHESTERNH.NET, PAY BILLS TAB.
IF IN BANKRUPTCY PLEASE SEE REVERSE SIDE

City of Rochester
Tax Collector
PO Box 981096
Boston MA 02298-1096
OFFICE HOURS - Monday thru Friday 8 a.m. to 4:30 p.m.

2022 PROPERTY TAX BILL

Remit Copy

Please write your parcel number on your check and enclose this portion of bill with your payment.
Make checks payable to: City of Rochester

Bill Number	Bill Date	Parcel	Location
9503	06/15/2022	0137-0002-0000	760 COLUMBUS

Amount Due
$1,461.00

867609 778 01 009133 01 NNNNNY
NORTHERN UTILITIES INC
% UNITIL ACCOUNTS PAYABLE
6 LIBERTY LANE WEST
HAMPTON, NH 03842-1704

Please Note Address & Owner Correction Below:
Name: _____
Street: _____
City: _____ State: ____ Zip: ____

9209208202220000950340000146 1003

✂ DETACH AND RETURN THE PORTION ABOVE WITH YOUR PAYMENT ✂

City of Rochester
Tax Collector
Rochester, New Hampshire
OFFICE HOURS - Monday thru Friday 8 a.m. to 4:30 p.m.

2022 PROPERTY TAX BILL

Customer Copy

Keep this portion for your records

Customer	Location
NORTHERN UTILITIES INC	760 COLUMBUS

Bill Date	Bill Number	Parcel	Year	Interest Begins
06/15/2022	9503	0137-0002-0000	2022	07/15/2022

Unpaid Taxes are Subject to		State School Tax	Local School Tax	County Tax	City Tax	Tax Rate *
Interest at	After					
8 %	07/14/2022	0.920	6.205	1.255	3.945	12.325

Valuations	
LAND	126,200
CURRENT USE	0
BUILDINGS	1,900
Exemptions	
ELDERLY	0
BLIND	0
DISABLED	0
Taxable Valuation	
NET	128,100

Tax Rate Per 1000

* BASED ON 1/2 OF PRIOR YEAR TAX RATE

JULY BILL	1,461.00
LESS VETERANS CREDIT	0.00
LESS PREPAYMENTS	0.00

Total Due This Bill
$1,461.00

Previous Unpaid Taxes Due - Includes Interest Thru 07/14/2022				Total Previous Unpaid Taxes Due
Year	Date	Balance	Interest	
				$0.00

IMPORTANT TAXPAYER INFORMATION LOCATED ON BACK OF BILL

PAYMENTS MUST BE POSTMARKED BY JULY 14, 2022
MASTER CARD, VISA, DISCOVER,AMEX. CREDIT CARD FEES
2.45%, DEBIT 1%, E-CHECK $1.50, MINIMUM FEE $1.95.
PAY ONLINE WWW.ROCHESTERNH.NET, PAY BILLS TAB.
IF IN BANKRUPTCY PLEASE SEE REVERSE SIDE

City of Rochester
Tax Collector
PO Box 981096
Boston MA 02298-1096
OFFICE HOURS - Monday thru Friday 8 a.m. to 4:30 p.m.

2022 PROPERTY TAX BILL

Remit Copy

Please write your parcel number on your check and enclose this portion of bill with your payment.
Make checks payable to: City of Rochester

Bill Number	Bill Date	Parcel	Location
9504	06/15/2022	0137-0003-0000	770 COLUMBUS

Amount Due
$4,061.00

867609 778 01 009134 01 NNNNNY
NORTHERN UTILITIES INC
% UNITIL ACCOUNTS PAYABLE
6 LIBERTY LANE WEST
HAMPTON, NH 03842-1704

Please Note Address & Owner Correction Below:
Name: _____
Street: _____
City: _____ State: ____ Zip: ____

9209208202220000950420000406100 8

✂ DETACH AND RETURN THE PORTION ABOVE WITH YOUR PAYMENT ✂

City of Rochester
Tax Collector
Rochester, New Hampshire
OFFICE HOURS - Monday thru Friday 8 a.m. to 4:30 p.m.

2022 PROPERTY TAX BILL

Customer Copy

Keep this portion for your records

Customer	Location
NORTHERN UTILITIES INC	770 COLUMBUS

Bill Date	Bill Number	Parcel	Year	Interest Begins
06/15/2022	9504	0137-0003-0000	2022	07/15/2022

Unpaid Taxes are Subject to		State School Tax	Local School Tax	County Tax	City Tax	Tax Rate *
Interest at	After					
8 %	07/14/2022	0.920	6.205	1.255	3.945	12.325

Valuations	
LAND	340,200
CURRENT USE	0
BUILDINGS	15,900
Exemptions	
ELDERLY	0
BLIND	0
DISABLED	0
Taxable Valuation	
NET	356,100

Tax Rate Per 1000

* BASED ON 1/2 OF PRIOR YEAR TAX RATE

JULY BILL	4,061.00
LESS VETERANS CREDIT	0.00
LESS PREPAYMENTS	0.00

Total Due This Bill
$4,061.00

Previous Unpaid Taxes Due - Includes Interest Thru 07/14/2022

Year	Date	Balance	Interest
2021		15.47	0.55

Late fee with interest

Total Previous Unpaid Taxes Due
$16.02

IMPORTANT TAXPAYER INFORMATION LOCATED ON BACK OF BILL

PAYMENTS MUST BE POSTMARKED BY JULY 14, 2022
MASTER CARD, VISA, DISCOVER,AMEX. CREDIT CARD FEES
2.45%, DEBIT 1%, E-CHECK $1.50, MINIMUM FEE $1.95.
PAY ONLINE WWW.ROCHESTERNH.NET, PAY BILLS TAB.
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City of Rochester
Tax Collector
PO Box 981096
Boston MA 02298-1096
OFFICE HOURS - Monday thru Friday 8 a.m. to 5 p.m.

2022 PROPERTY TAX BILL

Permit Copy

Please write your parcel number on your check and enclose this portion of bill with your payment.
Make checks payable to: City of Rochester

Bill Number	Bill Date	Parcel	Location
9502	12/19/2022	0100-0001-0000	0 ROCHESTER CITY OF

Amount Due
$422,994.39

919390 778 01 009132 01 NNNNNY
NORTHERN UTILITIES INC
% UNITIL ACCOUNTS PAYABLE
6 LIBERTY LANE WEST
HAMPTON, NH 03842-1704

Please Note Address & Owner Correction Below:
Name: _____
Street: _____
City: _____ State: ____ Zip: ____

9209208202220000950260042299439 2

DETACH AND RETURN THE PORTION ABOVE WITH YOUR PAYMENT

City of Rochester
Tax Collector
Rochester, New Hampshire
OFFICE HOURS - Monday thru Friday 8 a.m. to 5 p.m.

2022 PROPERTY TAX BILL

Customer Copy

Keep this portion for your records

Customer	Location
NORTHERN UTILITIES INC	0 ROCHESTER CITY OF

Bill Date	Bill Number	Parcel	Year	Interest Begins
12/19/2022	9502	0100-0001-0000	2022	01/19/2023

Unpaid Taxes are Subject to		State School Tax	Local School Tax	County Tax	City Tax	Tax Rate *
Interest at	After					
8 %	01/18/2023	1.370	13.200	2.750	7.960	25.280

Valuations		Tax Rate Per 1000	
LAND	999,500		
CURRENT USE	0	TOTAL GROSS TAX	808,914.00
BUILDINGS	32,832,100	LESS VETERANS CREDIT	0.00
Exemptions		LESS PREPAYMENTS	-385,967.66
ELDERLY	0	INTEREST DUE ON JULY BILL	48.05
BLIND	0		
DISABLED	0		
Taxable Valuation		**Total Due This Bill**	
NET	33,831,600	**$422,994.39**	

Previous Unpaid Taxes Due - Includes Interest Thru 01/18/2023				Total Previous Unpaid Taxes Due
Year	Date	Balance	Interest	
				$0.00

IMPORTANT TAXPAYER INFORMATION LOCATED ON BACK OF BILL

PAYMENTS MUST BE POSTMARKED BY JANUARY 18, 2023
MASTER CARD, VISA, DISCOVER,AMEX. CREDIT CARD FEES
2.45%, DEBIT 1%, E-CHECK $1.50, MINIMUM FEE $1.95.
PAY ONLINE WWW.ROCHESTERNH.NET, PAY BILLS TAB.
IF IN BANKRUPTCY PLEASE SEE REVERSE SIDE

City of Rochester
Tax Collector
PO Box 981096
Boston MA 02298-1096
OFFICE HOURS - Monday thru Friday 8 a.m. to 5 p.m.

2022 PROPERTY TAX BILL

Permit Copy

Please write your parcel number on your check and enclose this portion of bill with your payment.
Make checks payable to: City of Rochester

Bill Number	Bill Date	Parcel	Location
9503	12/19/2022	0137-0002-0000	760 COLUMBUS

Amount Due
$1,606.98

919390 778 01 009133 01 NNNNNY
NORTHERN UTILITIES INC
% UNITIL ACCOUNTS PAYABLE
6 LIBERTY LANE WEST
HAMPTON, NH 03842-1704

Please Note Address & Owner Correction Below:
Name: _____
Street: _____
City: _____ State: ____ Zip: ____

9209208202220000950340000160698 7

✂ DETACH AND RETURN THE PORTION ABOVE WITH YOUR PAYMENT ✂

City of Rochester
Tax Collector
Rochester, New Hampshire
OFFICE HOURS - Monday thru Friday 8 a.m. to 5 p.m.

2022 PROPERTY TAX BILL

Customer Copy

Keep this portion for your records

Customer	Location
NORTHERN UTILITIES INC	760 COLUMBUS

Bill Date	Bill Number	Parcel	Year	Interest Begins
12/19/2022	9503	0137-0002-0000	2022	01/19/2023

Unpaid Taxes are Subject to		State School Tax	Local School Tax	County Tax	City Tax	Tax Rate *
Interest at	After					
8 %	01/18/2023	1.370	13.200	2.750	7.960	25.280

Valuations		Tax Rate Per 1000	
LAND	126,200		
CURRENT USE	0	TOTAL GROSS TAX	3,063.00
BUILDINGS	1,900	LESS VETERANS CREDIT	0.00
Exemptions		LESS PREPAYMENTS	-1,456.20
ELDERLY	0	INTEREST DUE ON JULY BILL	0.18
BLIND	0		
DISABLED	0		
Taxable Valuation		**Total Due This Bill**	
NET	128,100	**$1,606.98**	

Previous Unpaid Taxes Due - Includes Interest Thru 01/18/2023				Total Previous Unpaid Taxes Due
Year	Date	Balance	Interest	
				$0.00

IMPORTANT TAXPAYER INFORMATION LOCATED ON BACK OF BILL

PAYMENTS MUST BE POSTMARKED BY JANUARY 18, 2023
MASTER CARD, VISA, DISCOVER,AMEX. CREDIT CARD FEES 2.45%, DEBIT 1%, E-CHECK $1.50, MINIMUM FEE $1.95.
PAY ONLINE WWW.ROCHESTERNH.NET, PAY BILLS TAB.
IF IN BANKRUPTCY PLEASE SEE REVERSE SIDE

City of Rochester
Tax Collector
PO Box 981096
Boston MA 02298-1096
OFFICE HOURS - Monday thru Friday 8 a.m. to 5 p.m.

2022 PROPERTY TAX BILL

Permit Copy

Please write your parcel number on your check and enclose this portion of bill with your payment.
Make checks payable to: City of Rochester

Bill Number	Bill Date	Parcel	Location
9504	12/19/2022	0137-0003-0000	770 COLUMBUS

Amount Due
$4,466.86

919390 778 01 009134 01 NNNNNY
NORTHERN UTILITIES INC
% UNITIL ACCOUNTS PAYABLE
6 LIBERTY LANE WEST
HAMPTON, NH 03842-1704

Please Note Address & Owner Correction Below:
Name: _____
Street: _____
City: _____ State: ____ Zip: ____

9209208202220000950420000446868

✂ DETACH AND RETURN THE PORTION ABOVE WITH YOUR PAYMENT ✂

City of Rochester
Tax Collector
Rochester, New Hampshire
OFFICE HOURS - Monday thru Friday 8 a.m. to 5 p.m.

2022 PROPERTY TAX BILL

Customer Copy

Keep this portion for your records

Customer	Location
NORTHERN UTILITIES INC	770 COLUMBUS

Bill Date	Bill Number	Parcel	Year	Interest Begins
12/19/2022	9504	0137-0003-0000	2022	01/19/2023

Unpaid Taxes are Subject to		State School Tax	Local School Tax	County Tax	City Tax	Tax Rate *
Interest at	After					
8 %	01/18/2023	1.370	13.200	2.750	7.960	25.280

Valuations		Tax Rate Per 1000	
LAND	340,200		
CURRENT USE	0	TOTAL GROSS TAX	8,514.00
BUILDINGS	15,900	LESS VETERANS CREDIT	0.00
Exemptions		LESS PREPAYMENTS	-4,047.65
ELDERLY	0	INTEREST DUE ON JULY BILL	0.51
BLIND	0		
DISABLED	0		
Taxable Valuation		**Total Due This Bill**	
NET	356,100	**$4,466.86**	

Previous Unpaid Taxes Due - Includes Interest Thru 01/18/2023				Total Previous Unpaid Taxes Due
Year	Date	Balance	Interest	
				$0.00

IMPORTANT TAXPAYER INFORMATION LOCATED ON BACK OF BILL

PAYMENTS MUST BE POSTMARKED BY JANUARY 18, 2023
MASTER CARD, VISA, DISCOVER,AMEX. CREDIT CARD FEES
2.45%, DEBIT 1%, E-CHECK $1.50, MINIMUM FEE $1.95.
PAY ONLINE WWW.ROCHESTERNH.NET, PAY BILLS TAB.
IF IN BANKRUPTCY PLEASE SEE REVERSE SIDE

TOWN OF ROLLINSFORD

OFFICE OF TAX COLLECTOR
667 MAIN STREET, PO BOX 309
ROLLINSFORD, NH 03869
Email: andrea.cass@rollinsford.nh.us

Tax Collector's Office Hours:
Mon 9:00 am to 1:00 pm
Tues & Thur 3:00 pm to 7:00 pm

TAX YEAR	INVOICE	BILL DATE	INTEREST RATE	DUE DATE
2022	2022P01015903	06/01/22	8.00%	07/05/22

MAP/PARCEL	LOCATION OF PROPERTY	AREA
1-76-0	REAR LAND	4.000

MAILED TO

********AUTO**ALL FOR AADC 030
UNITIL NORTHERN UTILITIES
ACCOUNTS PAYABLE
6 LIBERTY LANE WEST
HAMPTON NH 03842-1704

OWNER

UNITIL NORTHERN UTILITIES
ACCOUNTS PAYABLE
6 LIBERTY LANE WEST
HAMPTON NH 03842

TAX RATE

Municipal	2.53
County	1.34
School	7.30
State	1.02

*First Bill Tax Rate Equals 1/2 Last Year's Final Tax Rate

TOTAL 12.19

ASSESSED VALUATION

Land	20,000.00

NET VALUE 20,000.00

SUMMARY OF TAXES

First Bill	244.00

Interest at 8% per annum after due date

AMOUNT DUE BY 07/05/22	244.00
Other Due Amounts	81.92
Total	325.92

INFORMATION FOR TAXPAYERS

Secure Drop Box: Provides taxpayers 24/7 access for making property tax payments, and is located in the front door of Town Hall. Please include: (a) bottom portion of this bill including your phone number; (b) personal or bank check (no cash or credit card payments accepted); (c) self-addressed stamped envelope, if you would like a paid receipt mailed to you.

Tax Kiosk: Provides taxpayers 24/7 access to property tax billing and payment information: www.nhtaxkiosk.com

PLEASE KEEP THE UPPER PORTION OF BILL FOR YOUR RECORDS

DETACH HERE — TO ENSURE PROPER CREDIT, RETURN ENTIRE BOTTOM PORTION OF BILL — DETACH HERE

MAKE CHECKS PAYABLE TO: TOWN OF ROLLINSFORD

MAP/PARCEL	LOCATION OF PROPERTY	TAX YEAR	INVOICE	DUE DATE
1-76-0	REAR LAND	2022	2022P01015903	07/05/22

Interest at 8% per annum after due date

AMOUNT DUE BY 07/05/22	244.00
Other Due Amounts	81.92
Total	325.92

Mailed To:

UNITIL NORTHERN UTILITIES
ACCOUNTS PAYABLE
6 LIBERTY LANE WEST
HAMPTON NH 03842-1704

PHONE NUMBER: ( ) _____

PLEASE FILL IN YOUR PHONE NUMBER ABOVE AND RETURN THIS PORTION WITH YOUR PAYMENT — YOUR CANCELED CHECK IS YOUR RECEIPT

000398

TOWN OF ROLLINSFORD

OFFICE OF TAX COLLECTOR
667 MAIN STREET, PO BOX 309
ROLLINSFORD, NH 03869
Email: andrea.cass@rollinsford.nh.us

Office Hours:
Mon - Fri 8:00 am to 1:00 pm
Tues & Thur 3:00 pm to 7:00 pm

TAX YEAR	INVOICE	BILL DATE	INTEREST RATE	DUE DATE
2022	2022P01015902	06/01/22	8.00%	07/05/22

MAP/PARCEL	LOCATION OF PROPERTY	AREA
1-0-0	ROLLINSFORD	0.000

MAILED TO

********AUTO**ALL FOR AADC 030
UNITIL NORTHERN UTILITIES
ACCOUNTS PAYABLE
6 LIBERTY LANE WEST
HAMPTON NH 03842-1704

OWNER

UNITIL NORTHERN UTILITIES
ACCOUNTS PAYABLE
6 LIBERTY LANE WEST
HAMPTON NH 03842

TAX RATE

Municipal	2.53
County	1.34
School	7.30

*First Bill Tax Rate Equals 1/2 Last Year's Final Tax Rate

TOTAL 11.17

ASSESSED VALUATION

Buildings	264,500.00

NET VALUE 264,500.00

SUMMARY OF TAXES

First Bill	2,954.00

Interest at 8% per annum after due date

AMOUNT DUE BY 07/05/22	2,954.00
Other Due Amounts	0.00
Total	2,954.00

INFORMATION FOR TAXPAYERS

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DETACH HERE — TO ENSURE PROPER CREDIT, RETURN ENTIRE BOTTOM PORTION OF BILL — DETACH HERE

MAKE CHECKS PAYABLE TO: TOWN OF ROLLINSFORD

MAP/PARCEL	LOCATION OF PROPERTY	TAX YEAR	INVOICE	DUE DATE
1-0-0	ROLLINSFORD	2022	2022P01015902	07/05/22

Interest at 8% per annum after due date

AMOUNT DUE BY 07/05/22	2,954.00
Other Due Amounts	0.00
Total	2,954.00

Mailed To:

UNITIL NORTHERN UTILITIES
ACCOUNTS PAYABLE
6 LIBERTY LANE WEST
HAMPTON NH 03842-1704

PHONE NUMBER: (____ **)** _____

PLEASE FILL IN YOUR PHONE NUMBER ABOVE AND RETURN THIS PORTION WITH YOUR PAYMENT — YOUR CANCELED CHECK IS YOUR RECEIPT

000397

Town of Rollinsford
667 Main Street
PO Box 309
Rollinsford, NH 03869-0309
Office Hours
Mon 9-1; Tues & Thurs-3-7
Email: andrea.cass@rollinsford.nh.us

Tax Collector's Office Receipt

UNITIL NORTHERN UTILITIES
ACCOUNTS PAYABLE
6 LIBERTY LANE WEST
HAMPTON, NH 03842

Paid By:	UNITIL NORTHERN UTILITIES		
Receipt Number:	2022 000795	**Receipt Amount:**	**$ 3,279.92**
Check Number:	224483	**Receipt Date:**	Tuesday, June 28, 2022

Invoice	Trans. Total	Principal	Int/Pen	Balance Due	Owner	Parcel ID
2022P01015902	2,954.00	2,954.00	0.00	0.00	UNITIL NORTHERN UTILITIES	000001 000000 000000
2022P01015903	244.00	244.00	0.00	0.00	UNITIL NORTHERN UTILITIES	000001 000076 000000
2021L01000017	81.92	60.38	21.54	19.79	UNITIL NORTHERN UTILITIES	000001 000076 000000

TOWN OF ROLLINSFORD

OFFICE OF TAX COLLECTOR
667 MAIN STREET, PO BOX 309
ROLLINSFORD, NH 03869
Email: andrea.cass@rollinsford.nh.us

Tax Collector Office Hours:
Mon 9:00 am to 1:00 pm
Tues & Thur 3:00 pm to 7:00 pm

TAX YEAR	INVOICE	BILL DATE	INTEREST RATE	DUE DATE
2022	2022P02015905	11/28/22	8.00%	12/28/22

MAP/PARCEL	LOCATION OF PROPERTY	AREA
1-0-0	ROLLINSFORD	0.000

MAILED TO

********AUTO**ALL FOR AADC 030
UNITIL NORTHERN UTILITIES
ACCOUNTS PAYABLE
6 LIBERTY LANE WEST
HAMPTON NH 03842-1704

OWNER

UNITIL NORTHERN UTILITIES
ACCOUNTS PAYABLE
6 LIBERTY LANE WEST
HAMPTON NH 03842

TAX RATE

Municipal	2.93
County	1.64
School	9.40
TOTAL	13.97

ASSESSED VALUATION

Buildings	321,100.00
NET VALUE	321,100.00

SUMMARY OF TAXES

Total 2022 Tax Bill	4,486.00
First Bill	-2,954.00

Interest at 8% per annum after due date

AMOUNT DUE BY 12/28/22	1,532.00
Other Due Amounts	0.00
Total	1,532.00

INFORMATION FOR TAXPAYERS

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Payment confirmation: Accurate, up-to-the-minute billing and payment information is available via the tax kiosk www.nhtaxkiosk.com. Please be aware it may take a few days from date of receipt for your payment to update.

PLEASE KEEP THE UPPER PORTION OF BILL FOR YOUR RECORDS

DETACH HERE — TO ENSURE PROPER CREDIT, RETURN ENTIRE BOTTOM PORTION OF BILL — DETACH HERE

MAKE CHECKS PAYABLE TO: TOWN OF ROLLINSFORD

MAP/PARCEL	LOCATION OF PROPERTY	TAX YEAR	INVOICE	DUE DATE
1-0-0	ROLLINSFORD	2022	2022P02015905	12/28/22

Interest at 8% per annum after due date

AMOUNT DUE BY 12/28/22	1,532.00
Other Due Amounts	0.00
Total	1,532.00

Mailed To:

UNITIL NORTHERN UTILITIES
ACCOUNTS PAYABLE
6 LIBERTY LANE WEST
HAMPTON NH 03842-1704

PHONE NUMBER: ( ) _____

PLEASE FILL IN YOUR PHONE NUMBER ABOVE AND RETURN THIS PORTION WITH YOUR PAYMENT — YOUR CANCELED CHECK IS YOUR RECEIPT

TOWN OF ROLLINSFORD

OFFICE OF TAX COLLECTOR
667 MAIN STREET, PO BOX 309
ROLLINSFORD, NH 03869
Email: andrea.cass@rollinsford.nh.us

Tax Collector's Office Hours:
Mon 9:00 am to 1:00 pm
Tues & Thur 5:00 pm to 7:00 pm

TAX YEAR	INVOICE	BILL DATE	INTEREST RATE	DUE DATE
2022	2022P02015906	11/28/22	8.00%	12/28/22

MAP/PARCEL	LOCATION OF PROPERTY	AREA
1-76-0	REAR LAND	4.000

MAILED TO

********AUTO**ALL FOR AADC 030
UNITIL NORTHERN UTILITIES
ACCOUNTS PAYABLE
6 LIBERTY LANE WEST
HAMPTON NH 03842-1704

OWNER

UNITIL NORTHERN UTILITIES
ACCOUNTS PAYABLE
6 LIBERTY LANE WEST
HAMPTON NH 03842

TAX RATE

Municipal	2.93
County	1.64
School	9.40
State	0.90
TOTAL	14.87

ASSESSED VALUATION

Land	48,000.00
NET VALUE	48,000.00

SUMMARY OF TAXES

Total 2022 Tax Bill	714.00
First Bill	-244.00
Interest at 8% per annum after due date	
AMOUNT DUE BY 12/28/22	470.00
Other Due Amounts	0.00
Total	470.00

INFORMATION FOR TAXPAYERS

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DETACH HERE — TO ENSURE PROPER CREDIT, RETURN ENTIRE BOTTOM PORTION OF BILL — DETACH HERE

MAKE CHECKS PAYABLE TO: TOWN OF ROLLINSFORD

MAP/PARCEL	LOCATION OF PROPERTY	TAX YEAR	INVOICE	DUE DATE
1-76-0	REAR LAND	2022	2022P02015906	12/28/22

Interest at 8% per annum after due date

AMOUNT DUE BY 12/28/22	470.00
Other Due Amounts	0.00
Total	470.00

Mailed To:

UNITIL NORTHERN UTILITIES
ACCOUNTS PAYABLE
6 LIBERTY LANE WEST
HAMPTON NH 03842-1704

PHONE NUMBER: ( )

PLEASE FILL IN YOUR PHONE NUMBER ABOVE AND RETURN THIS PORTION WITH YOUR PAYMENT — YOUR CANCELED CHECK IS YOUR RECEIPT

TOWN HALL HOURS
MONDAY-FRIDAY
8:30 AM - 5:00 PM
(603) 890-2109

TOWN OF SALEM, NH
TAX COLLECTOR
33 GEREMONTY DRIVE
SALEM, NH 03079

Please keep top portion for your records.

PROPERTY TAX BILL

FIRST BILL

TAX YEAR	BILL NUMBER	BILLING DATE	INTEREST RATE	DUE DATE
2022	508820	5/19/2022	8 %	7/1/2022

MAP/PARCEL	UNIT	LOCATION OF PROPERTY	AREA
157/11141/1		S BROADWAY	0.00

OWNER OF RECORD

NORTHERN UTILITIES INC
ACCOUNTS PAYABLE
6 LIBERTY LN W
HAMPTON NH, 03842-1704

10214

1/2 TAX CALCULATION

First Bill Property Tax	92,375.00
Credits	36,995.00
First Bill Tax Due	55,380.00
Payments	0.00

PAY THIS AMOUNT $ **55,380.00**

TAX RATES / $1,000

Municipal	5.23
Local Ed	8.38
State Ed	1.63
County	0.74
TOTAL	15.98

ASSESSED VALUATION

Building Value	12,874,400
Land Value	0
Exemptions	0
Current Use	0
NET VALUE	12,874,400

INFORMATION TO TAXPAYERS

All property owners shall be billed semi-annually. The Property Assessment year is April 1-March 31.

Any bill not paid by the due date is considered delinquent. Interest is calculated at the designated APR on any delinquent bill.

The Taxpayer may, by March 1st following the date of the notice of tax and not afterwards, apply in writing to the Selectmen or Assessor(s) for a Tax abatement or deferral.

If you are elderly, disabled, blind, a veteran or veteran's spouse, or are unable to pay taxes due to poverty or other good cause, you may be eligible for a tax exemption, credit, abatement or deferral. For details, application information and deadlines contact the Assessing Department at (603)-890-2115. APPLICATIONS FOR EXEMPTIONS AND/OR CREDITS MUST BE FILED ON OR BEFORE APRIL 15TH EACH YEAR.

PAYMENT POLICIES

Please use the enclosed envelope only if you are mailing payment on or before the due date and are enclosing the remittance stub. Please make check payable to the Town of Salem.
For payment without the remittance stub please mail to Salem Town Hall at 33 Geremonty Drive.
For PAID receipts, please include the entire bill with payment.
If this bill is paid by check or money order it is not considered paid until the check or money order has cleared.
A $25.00 fee plus all additional delinquency penalties and collection costs will be charged for any check returned by the bank for any reason.
If your bank or mortgage company pays your taxes, please review and forward your bill to them.
Payment of this bill does not prevent the collection of previous unpaid taxes, nor does an error in the name of the person(s) taxed prevent collection.

Save a stamp- it's free to pay online with e-check.
View or pay this bill online @ www.townofsalemnh.org

↑DETACH HERE↑ TO ENSURE PROPER CREDIT, PLEASE RETURN ENTIRE BOTTOM PORTION OF BILL ↑DETACH HERE↑

TOWN OF SALEM, NH - TAX COLLECTOR
P.O. BOX 9650
MANCHESTER, NH 03108-9650

TOWN OF SALEM, NH
PROPERTY TAX BILL

Do not mail payment to the P.O. Box after the due date.
The box closes on the due date.

MAP/PARCEL	UNIT	LOCATION OF PROPERTY	TAX YEAR	BILL NUMBER	DUE DATE
157/11141/1		S BROADWAY	2022	508820	7/1/2022

8% APR Interest Charged After 7/1/2022 on First Bill.

PAY THIS AMOUNT $ **55,380.00**

10214
251

NORTHERN UTILITIES INC
ACCOUNTS PAYABLE
6 LIBERTY LN W
HAMPTON NH, 03842-1704

20 0000508820 0005538000 0

TOWN HALL HOURS
MONDAY-FRIDAY
8:30 AM - 5:00 PM
(603) 890-2109

TOWN OF SALEM, NH
TAX COLLECTOR
33 GEREMONTY DRIVE
SALEM, NH 03079

Please keep top portion for your records.

PROPERTY TAX BILL

FIRST BILL

TAX YEAR	BILL NUMBER	BILLING DATE	INTEREST RATE	DUE DATE
2022	508821	5/19/2022	8 %	7/1/2022

MAP/PARCEL	UNIT	LOCATION OF PROPERTY	AREA
157/11141		S BROADWAY	0.00

OWNER OF RECORD

NORTHERN UTILITIES INC
ACCOUNTS PAYABLE
6 LIBERTY LN W
HAMPTON NH, 03842-1704

10214

1/2 TAX CALCULATION

First Bill Property Tax	1,590.00
Credits	0.00
First Bill Tax Due	1,590.00
Payments	0.00

PAY THIS AMOUNT $ **1,590.00**

TAX RATES / $1,000

Municipal	5.23
Local Ed	8.38
State Ed	1.63
County	0.74
TOTAL	15.98

ASSESSED VALUATION

Building Value	221,600
Land Value	0
Exemptions	0
Current Use	0
NET VALUE	221,600

INFORMATION TO TAXPAYERS

All property owners shall be billed semi-annually. The Property Assessment year is April 1-March 31.

Any bill not paid by the due date is considered delinquent. Interest is calculated at the designated APR on any delinquent bill.

The Taxpayer may, by March 1st following the date of the notice of tax and not afterwards, apply in writing to the Selectmen or Assessor(s) for a Tax abatement or deferral.

If you are elderly, disabled, blind, a veteran or veteran's spouse, or are unable to pay taxes due to poverty or other good cause, you may be eligible for a tax exemption, credit, abatement or deferral. For details, application information and deadlines contact the Assessing Department at (603)-890-2115. APPLICATIONS FOR EXEMPTIONS AND/OR CREDITS MUST BE FILED ON OR BEFORE APRIL 15TH EACH YEAR.

PAYMENT POLICIES

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TOWN OF SALEM, NH - TAX COLLECTOR
P.O. BOX 9650
MANCHESTER, NH 03108-9650

TOWN OF SALEM, NH
PROPERTY TAX BILL

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MAP/PARCEL	UNIT	LOCATION OF PROPERTY	TAX YEAR	BILL NUMBER	DUE DATE
157/11141		S BROADWAY	2022	508821	7/1/2022

8% APR Interest Charged After 7/1/2022 on First Bill.

PAY THIS AMOUNT $ **1,590.00**

10214
251

NORTHERN UTILITIES INC
ACCOUNTS PAYABLE
6 LIBERTY LN W
HAMPTON NH, 03842-1704

20 0000508821 0000159000 3
000402

TOWN HALL HOURS
MONDAY-FRIDAY
8:30 AM - 5:00 PM
(603) 890-2109

TOWN OF SALEM, NH
TAX COLLECTOR
33 GEREMONTY DRIVE
SALEM, NH 03079

Please keep top portion for your records.

PROPERTY TAX BILL

SECOND BILL

TAX YEAR	BILL NUMBER	BILLING DATE	INTEREST RATE	DUE DATE
2022	519236	11/1/2022	8 %	12/15/2022

MAP/PARCEL	UNIT	LOCATION OF PROPERTY	AREA
157/11141		S BROADWAY	0.00

OWNER OF RECORD

NORTHERN UTILITIES INC
ACCOUNTS PAYABLE
6 LIBERTY LN W
HAMPTON NH, 03842-1704

10266

TAX CALCULATION

Total Property Tax	3,614.00
Credits	0.00
First Bill Amount	1,590.00
Payments	1,590.00
2nd Bill Amount	2,024.00
Prepayments	0.00

TAX RATES / $1,000

Municipal	5.08
Local Ed	9.11
State Ed	1.14
County	0.72
TOTAL	16.05

ASSESSED VALUATION

Building Value	242,400
Land Value	0
Exemptions	0
Current Use	0
NET VALUE	242,400

PAY THIS AMOUNT **$ 2,024.00**

INFORMATION TO TAXPAYERS

All property owners shall be billed semi-annually. The Property Assessment year is April 1-March 31.

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The Taxpayer may, by March 1st following the date of the notice of tax and not afterwards, apply in writing to the Selectmen or Assessor(s) for a Tax abatement or deferral.

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TOWN OF SALEM, NH - TAX COLLECTOR
P.O. BOX 9650
MANCHESTER, NH 03108-9650

TOWN OF SALEM, NH
PROPERTY TAX BILL

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MAP/PARCEL	UNIT	LOCATION OF PROPERTY	TAX YEAR	BILL NUMBER	DUE DATE
157/11141		S BROADWAY	2022	519236	12/15/2022

8% APR Interest Charged After 07/1/2022 on First Bill.
8% APR Interest Charged After 12/15/2022 on Second Bill.

PAY THIS AMOUNT **$ 2,024.00**

10266
251

NORTHERN UTILITIES INC
ACCOUNTS PAYABLE
6 LIBERTY LN W
HAMPTON NH, 03842-1704

20 0000519236 0000202400 2

TOWN HALL HOURS
MONDAY-FRIDAY
8:30 AM - 5:00 PM
(603) 890-2109

TOWN OF SALEM, NH
TAX COLLECTOR
33 GEREMONTY DRIVE
SALEM, NH 03079

Please keep this portion for your records.

PROPERTY TAX BILL

SECOND BILL

TAX YEAR	BILL NUMBER	BILLING DATE	INTEREST RATE	DUE DATE
2022	519237	11/1/2022	8 %	12/15/2022

MAP/PARCEL	UNIT	LOCATION OF PROPERTY	AREA
157/11141/1		S BROADWAY	0.00

OWNER OF RECORD

NORTHERN UTILITIES INC
ACCOUNTS PAYABLE
6 LIBERTY LN W
HAMPTON NH, 03842-1704

10266

TAX CALCULATION

Total Property Tax	186,031.00
Credits	73,990.00
First Bill Amount	55,380.00
Payments	55,380.00
2nd Bill Amount	56,661.00
Prepayments	0.00

TAX RATES / $1,000

Municipal	5.08
Local Ed	9.11
State Ed	1.14
County	0.72
TOTAL	16.05

ASSESSED VALUATION

Building Value	12,477,000
Land Value	0
Exemptions	0
Current Use	0
NET VALUE	12,477,000

PAY THIS AMOUNT $ 56,661.00

INFORMATION TO TAXPAYERS

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TOWN OF SALEM, NH - TAX COLLECTOR
P.O. BOX 9650
MANCHESTER, NH 03108-9650

TOWN OF SALEM, NH
PROPERTY TAX BILL

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MAP/PARCEL	UNIT	LOCATION OF PROPERTY	TAX YEAR	BILL NUMBER	DUE DATE
157/11141/1		S BROADWAY	2022	519237	12/15/2022

8% APR Interest Charged After 07/1/2022 on First Bill.
8% APR Interest Charged After 12/15/2022 on Second Bill.

PAY THIS AMOUNT $ 56,661.00

10266
251

NORTHERN UTILITIES INC
ACCOUNTS PAYABLE
6 LIBERTY LN W
HAMPTON NH, 03842-1704

20 0000519237 0315811100 5

TOWN OF SEABROOK

PO BOX 476, SEABROOK, NH 03874

1st Tax Bill 2022

Tax Year	Prop ID	Bill Date	Map/Parcel No.
2022	3931	5/09/2022	26-903

Town Rate	3.005
Local School Rate	2.665
State School Rate	0
County Rate	0.375
Beach Precinct Rate	0
TOTAL RATE	6.045

Assessed Valuation	
Land:	0
Building:	182,500
Curr Use:	0
Oth Val:	0
Tot Value:	182,500
Area:	0.00

MAIL TO: SEABROOK TAX COLLECTOR
PO BOX 476
SEABROOK, NH 03874

Michele X. Knowles, Tax Collector (603) 474-9881

Taxpayer's Name and Address — **Bill #:168218**

NORTHERN UTILITIES
C/O UNITIL UTILITIES
6 LIBERTY LANE WEST
HAMPTON, NH 03842

Tax Calculations	
Gross Value	$182,500.00
Exemptions	
Net Value	$182,500.00
TAX	$1,102.00
Veteran Credit	
1ST BILL TAX	$1,102.00
Pre Payments	
TAX DUE 7/1/2022	$1,102.00

Property Location: UTILITY-GAS

SEE REVERSE SIDE FOR TAXPAYER RIGHTS & FURTHER INFORMATION

8.00 % APR Interest Charged After 7/01/2022

TOWN OF SEABROOK

PO BOX 476, SEABROOK, NH 03874

1st Tax Bill 2022

Tax Year	Prop ID	Bill Date	Map/Parcel No.
2022	3931	5/09/2022	26-903

Town Rate	3.005
Local School Rate	2.665
State School Rate	0
County Rate	0.375
Beach Precinct Rate	0
TOTAL RATE	6.045

Assessed Valuation	
Land:	0
Building:	182,500
Curr Use:	0
Oth Val:	0
Tot Value:	182,500
Area:	0.00

MAIL TO: SEABROOK TAX COLLECTOR
PO BOX 476
SEABROOK, NH 03874

Michele X. Knowles, Tax Collector (603) 474-9881

Taxpayer's Name and Address — **Bill #:168218**

NORTHERN UTILITIES
C/O UNITIL UTILITIES
6 LIBERTY LANE WEST
HAMPTON, NH 03842

Tax Calculations	
Gross Value	$182,500.00
Exemptions	
Net Value	$182,500.00
TAX	$1,102.00
Veteran Credit	
1ST BILL TAX	$1,102.00
Pre Payments	
TAX DUE 7/1/2022	$1,102.00

Property Location: UTILITY-GAS

SEE REVERSE SIDE FOR TAXPAYER RIGHTS & FURTHER INFORMATION

8.00 % APR Interest Charged After 7/01/2022

TOWN OF SEABROOK

PO BOX 476, SEABROOK, NH 03874

1st Tax Bill 2022

Tax Year	Prop ID	Bill Date	Map/Parcel No.
2022	107608	5/09/2022	26-903-1

Town Rate	3.005
Local School Rate	2.665
State School Rate	0
County Rate	0.375
Beach Precinct Rate	0
TOTAL RATE	6.045

Assessed Valuation	
Land:	0
Building:	12,938,800
Curr Use:	0
Oth Val:	0
Tot Value:	12,938,800
Area:	0.00

MAIL TO: SEABROOK TAX COLLECTOR
PO BOX 476
SEABROOK, NH 03874

Michele X. Knowles, Tax Collector (603) 474-9881

Taxpayer's Name and Address — **Bill #:168219**

NORTHERN UTILITIES
C/O UNITIL UTILITIES
6 LIBERTY LANE WEST
HAMPTON, NH 03842

Tax Calculations	
Gross Value	$12,938,800.00
Exemptions	
Net Value	$12,938,800.00
TAX	$78,215.00
Veteran Credit	
1ST BILL TAX	$78,215.00
Pre Payments	
TAX DUE 7/1/2022	$78,215.00

Less abatement: (-37,532.37
Total DUE: 40,682.63

Property Location: UTILITY-GAS 72:8-d

SEE REVERSE SIDE FOR TAXPAYER RIGHTS & FURTHER INFORMATION

8.00 % APR Interest Charged After 7/01/2022

TOWN OF SEABROOK

PO BOX 476, SEABROOK, NH 03874

1st Tax Bill 2022

Tax Year	Prop ID	Bill Date	Map/Parcel No.
2022	107608	5/09/2022	26-903-1

Town Rate	3.005
Local School Rate	2.665
State School Rate	0
County Rate	0.375
Beach Precinct Rate	0
TOTAL RATE	6.045

Assessed Valuation	
Land:	0
Building:	12,938,800
Curr Use:	0
Oth Val:	0
Tot Value:	12,938,800
Area:	0.00

MAIL TO: SEABROOK TAX COLLECTOR
PO BOX 476
SEABROOK, NH 03874

Michele X. Knowles, Tax Collector (603) 474-9881

Taxpayer's Name and Address — Bill #:168219

NORTHERN UTILITIES
C/O UNITIL UTILITIES
6 LIBERTY LANE WEST
HAMPTON, NH 03842

Tax Calculations	
Gross Value	$12,938,800.00
Exemptions	
Net Value	$12,938,800.00
TAX	$78,215.00
Veteran Credit	
1ST BILL TAX	$78,215.00
Pre Payments	
TAX DUE 7/1/2022	$78,215.00

Less Abatement: (-37,532.37
Total DUE: 40,682.63

Property Location: UTILITY-GAS 72:8-d

SEE REVERSE SIDE FOR TAXPAYER RIGHTS & FURTHER INFORMATION

8.00 % APR Interest Charged After 7/01/2022

TOWN OF SEABROOK

PO BOX 476, SEABROOK, NH 03874

FINAL TAX BILL - 2022

Tax Year	Prop ID	Bill Date	Map/Parcel No.
2022	107608	11/28/2022	26-903-1

		Assessed Valuation	
Town Rate	6.31	Land:	0
Local School Rate	5.13	Building:	11,905,900
State School Rate	0	Curr Use:	0
County Rate	0.68	Oth Val:	0
Beach Precinct Rate	0	Tot Value:	11,905,900
TOTAL RATE	12.12	Area:	0.00

MAIL TO: SEABROOK TAX COLLECTOR
PO BOX 476
SEABROOK, NH 03874

Michele X. Knowles, Tax Collector (603) 474-9881

Taxpayer's Name and Address — **Bill #:171007**

NORTHERN UTILITIES
C/O UNITIL UTILITIES
6 LIBERTY LANE WEST
HAMPTON, NH 03842

Tax Calculations	
Gross Value	$11,905,900.00
Exemptions	
Net Value	$11,905,900.00
Total Tax	$144,299.00
Veteran Credit	
1st Bill 2022	$78,215.00
Previous Payments	$40,682.63
Prepaymants	
TAX DUE 1/6/23:	$66,084.00

Abatement: (37,532.37)
Total Due → 28,551.63

Property Location:	UTILITY-GAS 72:8-d

SEE REVERSE SIDE FOR TAXPAYER RIGHTS & FURTHER INFORMATION

8.00 % APR Interest Charged After 1/06/2023

TOWN OF SEABROOK

PO BOX 476, SEABROOK, NH 03874

FINAL TAX BILL - 2022

Tax Year | Prop ID | Bill Date | Map/Parcel No.
2022 | 107608 | 11/28/2022 | 26-903-1

Assessed Valuation
Town Rate 6.31 — Land: 0
Local School Rate 5.13 — Building: 11,905,900
State School Rate 0 — Curr Use: 0
County Rate 0.68 — Oth Val: 0
Beach Precinct Rate 0 — Tot Value: 11,905,900
TOTAL RATE 12.12 — Area: 0.00

MAIL TO: SEABROOK TAX COLLECTOR
PO BOX 476
SEABROOK, NH 03874

Michele X. Knowles, Tax Collector (603) 474-9881

Taxpayer's Name and Address — Bill #:171007

NORTHERN UTILITIES
C/O UNITIL UTILITIES
6 LIBERTY LANE WEST
HAMPTON, NH 03842

Tax Calculations
Gross Value $11,905,900.00
Exemptions
Net Value $11,905,900.00
Total Tax $144,299.00
Veteran Credit
1st Bill 2022 $78,215.00
Previous Payments $40,682.63
Prepaymants
TAX DUE 1/6/23: $66,084.00

Abatement: (37,532.37
Total Due: 28,551.63

Property Location: UTILITY-GAS 72:8-d

SEE REVERSE SIDE FOR TAXPAYER RIGHTS & FURTHER INFORMATION

8.00 % APR Interest Charged After 1/06/2023

TOWN OF SEABROOK

PO BOX 476, SEABROOK, NH 03874

FINAL TAX BILL - 2022

Tax Year	Prop ID	Bill Date	Map/Parcel No.
2022	3931	11/28/2022	26-903

Town Rate	6.31
Local School Rate	5.13
State School Rate	0
County Rate	0.68
Beach Precinct Rate	0
TOTAL RATE	12.12

Assessed Valuation	
Land:	0
Building:	183,600
Curr Use:	0
Oth Val:	0
Tot Value:	183,600
Area:	0.00

MAIL TO: SEABROOK TAX COLLECTOR
PO BOX 476
SEABROOK, NH 03874

Michele X. Knowles, Tax Collector (603) 474-9881

Tax Calculations	
Gross Value	$183,600.00
Exemptions	
Net Value	$183,600.00
Total Tax	$2,226.00
Veteran Credit	
1st Bill 2022	$1,102.00
Previous Payments	$1,102.00
Prepaymants	
TAX DUE 1/6/23:	$1,124.00

Taxpayer's Name and Address — **Bill #:171008**

NORTHERN UTILITIES
C/O UNITIL UTILITIES
6 LIBERTY LANE WEST
HAMPTON, NH 03842

Property Location:	UTILITY-GAS

SEE REVERSE SIDE FOR TAXPAYER RIGHTS & FURTHER INFORMATION

8.00 % APR Interest Charged After 1/06/2023

TOWN OF SEABROOK

PO BOX 476, SEABROOK, NH 03874

FINAL TAX BILL - 2022

Tax Year	Prop ID	Bill Date	Map/Parcel No.
2022	3931	11/28/2022	26-903

Town Rate	6.31
Local School Rate	5.13
State School Rate	0
County Rate	0.68
Beach Precinct Rate	0
TOTAL RATE	12.12

Assessed Valuation	
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Building:	183,600
Curr Use:	0
Oth Val:	0
Tot Value:	183,600
Area:	0.00

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PO BOX 476
SEABROOK, NH 03874

Michele X. Knowles, Tax Collector (603) 474-9881

Tax Calculations	
Gross Value	$183,600.00
Exemptions	
Net Value	$183,600.00
Total Tax	$2,226.00
Veteran Credit	
1st Bill 2022	$1,102.00
Previous Payments	$1,102.00
Prepaymants	
TAX DUE 1/6/23:	$1,124.00

Taxpayer's Name and Address — **Bill #:171008**

NORTHERN UTILITIES
C/O UNITIL UTILITIES
6 LIBERTY LANE WEST
HAMPTON, NH 03842

Property Location:	UTILITY-GAS

SEE REVERSE SIDE FOR TAXPAYER RIGHTS & FURTHER INFORMATION

8.00 % APR Interest Charged After 1/06/2023

CITY OF SOMERSWORTH
Office of the Tax Collector

One Government Way
Somersworth NH 03878-3248

Hours
M-T-TH-F 8 to 4:30. W 8 to 6

ph. (603) 692-9555

TAX YEAR	BILL NUMBER	BILLING DATE	INTEREST RATE	DUE DATE
2022	20222845	05/26/2022	8%	07/01/2022

MAP / PARCEL	LOCATION OF PROPERTY	AREA
9-282A	0 MAIN ST	0.70

OWNER OF RECORD

NORTHERN UTILITIES
~UNITIL NORTHERN UTILTIES
6 LIBERTY LANE WEST
HAMPTON NH 03842-1704

TAX RATE PER $1000	
Municipal	$8.62
School	$14.58
State	$0.00
County	$2.52
TOTAL	**$25.72**

ASSESSED VALUATION	
Land	$62,000
Building	$0
Taxable Value	$62,000

TAX CALCULATION

NET TAXABLE	$62,000.00
TAX RATE	$25.72
ESTIMATED TAX AT 1/2 RATE	$797.00

Interest at 8% per annum after July 01, 2022.

PAY THIS AMOUNT **$797.00**

INFORMATION TO TAXPAYERS

TAXPAYERS DESIRING ANY INFORMATION IN REGARD TO ASSESSMENT, EXEMPTIONS, OR TAXATION SHOULD CALL THE ASSESSOR AT (603) 692-9520.

PAYMENT OF THIS BILL DOES NOT PREVENT THE COLLECTION OF PREVIOUS UNPAID TAXES NOR DOES AN ERROR IN THE NAME OF THE PERSON TAXED PREVENT COLLECTION.

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MAKE CHECKS PAYABLE TO: CITY OF SOMERSWORTH

CITY OF SOMERSWORTH
One Government Way, Somersworth NH 03878-3248

MAP / PARCEL	LOCATION OF PROPERTY	TAX YEAR	BILL NUMBER	DUE DATE
9-282A	0 MAIN ST	2022	20222845	07/01/2022

Interest at 8% per annum after July 01, 2022.

PAY THIS AMOUNT
$797.00

NORTHERN UTILITIES
~UNITIL NORTHERN UTILTIES
6 LIBERTY LANE WEST
HAMPTON NH 03842-1704

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CITY OF SOMERSWORTH
Office of the Tax Collector

One Government Way
Somersworth NH 03878-3248

Hours
M-T-TH-F 8 to 4:30. W 8 to 6

ph. (603) 692-9555

TAX YEAR	BILL NUMBER	BILLING DATE	INTEREST RATE	DUE DATE
2022	20222844	05/26/2022	8%	07/01/2022

MAP / PARCEL	LOCATION OF PROPERTY	AREA
A-1	0 MAIN ST	0.00

OWNER OF RECORD

NORTHERN UTILITIES
~UNITIL NORTHERN UTILTIES
6 LIBERTY LANE WEST
HAMPTON NH 03842-1704

TAX RATE PER $1000	
Municipal	$8.62
School	$14.58
State	$0.00
County	$2.52
TOTAL	**$25.72**

ASSESSED VALUATION	
Land	$0
Building	$8,821,800
Taxable Value	$8,821,800

TAX CALCULATION

NET TAXABLE	$8,821,800.00
TAX RATE	$25.72
ESTIMATED TAX AT 1/2 RATE	$113,448.00

Interest at 8% per annum after July 01, 2022.

PAY THIS AMOUNT **$113,448.00**

INFORMATION TO TAXPAYERS

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CITY OF SOMERSWORTH
One Government Way, Somersworth NH 03878-3248

MAP / PARCEL	LOCATION OF PROPERTY	TAX YEAR	BILL NUMBER	DUE DATE
A-1	0 MAIN ST	2022	20222844	07/01/2022

Interest at 8% per annum after July 01, 2022.

PAY THIS AMOUNT
$113,448.00

NORTHERN UTILITIES
~UNITIL NORTHERN UTILTIES
6 LIBERTY LANE WEST
HAMPTON NH 03842-1704

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CITY OF SOMERSWORTH
Office of the Tax Collector
One Government Way
Somersworth NH 03878-3248

Hours
M-T-TH-F 8 to 4:30. W 8 to 6

ph. (603) 692-9555

TAX YEAR	BILL NUMBER	BILLING DATE	INTEREST RATE	DUE DATE
2022	20222846	05/26/2022	8%	07/01/2022

MAP / PARCEL	LOCATION OF PROPERTY	AREA
22-51	77 BARTLETT AVE	0.19

OWNER OF RECORD

NORTHERN UTILITIES
~UNITIL NORTHERN UTILTIES
6 LIBERTY LANE WEST
HAMPTON NH 03842-1704

TAX RATE PER $1000	
Municipal	$8.62
School	$14.58
State	$0.00
County	$2.52
TOTAL	**$25.72**

ASSESSED VALUATION	
Land	$69,400
Building	$400
Taxable Value	$69,800

TAX CALCULATION

NET TAXABLE	$69,800.00
TAX RATE	$25.72
ESTIMATED TAX AT 1/2 RATE	$898.00

Interest at 8% per annum after July 01, 2022.

PAY THIS AMOUNT **$898.00**

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CITY OF SOMERSWORTH
One Government Way, Somersworth NH 03878-3248

MAP / PARCEL	LOCATION OF PROPERTY	TAX YEAR	BILL NUMBER	DUE DATE
22-51	77 BARTLETT AVE	2022	20222846	07/01/2022

Interest at 8% per annum after July 01, 2022.

PAY THIS AMOUNT
$898.00

NORTHERN UTILITIES
~UNITIL NORTHERN UTILTIES
6 LIBERTY LANE WEST
HAMPTON NH 03842-1704

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CITY OF SOMERSWORTH
Office of the Tax Collector

One Government Way
Somersworth NH 03878-3248

Hours M-T-TH-F 8 to 4:30. W 8 to 6

ph. (603) 692-9555

TAX YEAR	BILL NUMBER	BILLING DATE	INTEREST RATE	DUE DATE
2022	20222845	12/06/2022	8%	01/09/2023

MAP / PARCEL	LOCATION OF PROPERTY	AREA
9-282A	0 MAIN ST	0.70

OWNER OF RECORD

NORTHERN UTILITIES
~UNITIL NORTHERN UTILTIES
6 LIBERTY LANE WEST
HAMPTON NH 03842-1704

TAX CALCULATION

NET TAXABLE VALUE	$62,000.00
TAX RATE	$26.74
TOTAL TAX	$1,658.00

2022 TAX RATE PER $1000	
Municipal	$8.55
School	$15.65
State	$0.00
County	$2.54
TOTAL	**$26.74**

ASSESSED VALUATION	
Land	$62,000
Building	$0
Taxable Value	$62,000

FIRST BILLING	$797.00
SECOND BILLING	$861.00

Interest at 8% per annum after January 09, 2023.

PAY THIS AMOUNT **$861.00**

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CITY OF SOMERSWORTH
One Government Way, Somersworth NH 03878-3248

MAP / PARCEL	LOCATION OF PROPERTY	TAX YEAR	BILL NUMBER	DUE DATE
9-282A	0 MAIN ST	2022	20222845	01/09/2023

Interest at 8% per annum after January 09, 2023.

PAY THIS AMOUNT
$861.00

NORTHERN UTILITIES
~UNITIL NORTHERN UTILTIES
6 LIBERTY LANE WEST
HAMPTON NH 03842-1704

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CITY OF SOMERSWORTH
Office of the Tax Collector

One Government Way
Somersworth NH 03878-3248

Hours M-T-TH-F 8 to 4:30. W 8 to 6

ph. (603) 692-9555

TAX YEAR	BILL NUMBER	BILLING DATE	INTEREST RATE	DUE DATE
2022	20222846	12/06/2022	8%	01/09/2023

MAP / PARCEL	LOCATION OF PROPERTY	AREA
22-51	77 BARTLETT AVE	0.19

OWNER OF RECORD

NORTHERN UTILITIES
~UNITIL NORTHERN UTILTIES
6 LIBERTY LANE WEST
HAMPTON NH 03842-1704

2022 TAX RATE PER $1000	
Municipal	$8.55
School	$15.65
State	$0.00
County	$2.54
TOTAL	**$26.74**

ASSESSED VALUATION	
Land	$69,400
Building	$400
Taxable Value	$69,800

TAX CALCULATION

NET TAXABLE VALUE	$69,800.00
TAX RATE	$26.74
TOTAL TAX	$1,866.00
FIRST BILLING	$898.00
SECOND BILLING	$968.00

Interest at 8% per annum after January 09, 2023.

PAY THIS AMOUNT **$968.00**

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CITY OF SOMERSWORTH
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22-51	77 BARTLETT AVE	2022	20222846	01/09/2023

Interest at 8% per annum after January 09, 2023.

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6 LIBERTY LANE WEST
HAMPTON NH 03842-1704

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TAX YEAR	BILL NUMBER	BILLING DATE	INTEREST RATE	DUE DATE
2022	20222844	12/06/2022	8%	01/09/2023

MAP / PARCEL	LOCATION OF PROPERTY	AREA
A-1	0 MAIN ST	0.00

OWNER OF RECORD

NORTHERN UTILITIES
~UNITIL NORTHERN UTILTIES
6 LIBERTY LANE WEST
HAMPTON NH 03842-1704

2022 TAX RATE PER $1000	
Municipal	$8.55
School	$15.65
State	$0.00
County	$2.54
TOTAL	**$26.74**

ASSESSED VALUATION	
Land	$0
Building	$8,551,900
Taxable Value	$8,551,900

TAX CALCULATION

NET TAXABLE VALUE	$8,551,900.00
TAX RATE	$26.74
TOTAL TAX	$228,678.00
FIRST BILLING	$113,448.00
SECOND BILLING	$115,230.00

Interest at 8% per annum after January 09, 2023.

PAY THIS AMOUNT **$115,230.00**

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MAP / PARCEL	LOCATION OF PROPERTY	TAX YEAR	BILL NUMBER	DUE DATE
A-1	0 MAIN ST	2022	20222844	01/09/2023

Interest at 8% per annum after January 09, 2023.

NORTHERN UTILITIES
~UNITIL NORTHERN UTILTIES
6 LIBERTY LANE WEST
HAMPTON NH 03842-1704

PAY THIS AMOUNT
$115,230.00

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TOWN OF STRATHAM
10 BUNKER HILL AVE
STRATHAM, NH 03885
Temp - Return Service Requested

UNITIL NORTHERN UTILITIES
6 LIBERTY LANE WEST
HAMPTON, NH 03842

2022 STRATHAM PROPERTY TAX – BILL 1 OF 2

Invoice: 2022P01045305
Billing Date: 05/18/2022
Payment Due Date: **07/01/2022**
Amount Due: **$ 4,512.00**

8% APR Charged After 07/01/2022

First half property taxes are due by July 1st.
If your taxes are escrowed through a lender, it is recommended
that you contact your lender to ensure payment is processsed.

Property Owner

Owner: UNITIL NORTHERN UTILITIES

Property Description

Map: 000029 **Lot:** 000002 **Sub:** 000000
Location: STRATHAM **Acres:** 0.000

Tax Rates		Assessments	
County:	$ 0.41	**Taxable Land:**	0
School:	$ 6.38	**Buildings:**	539,100
Town:	$ 1.58	**Total:**	539,100

Summary Of Taxes

First Bill:	$ 4,512.00
- Abated/Paid:	$ 0.00
- Veteran Credits:	$ 0.00

Amount Due By 07/01/2022: **$ 4,512.00**

Total Tax Rate: **$ 8.37** * **Net Value:** **539,100**

*** First Bill Tax Rate Equals 1/2 Last Year's Final Tax Rate**

2022 STRATHAM PROPERTY TAX – BILL 1 OF 2

Mailed To:
UNITIL NORTHERN UTILITIES
6 LIBERTY LANE WEST
HAMPTON, NH 03842

TOWN OF STRATHAM
MON. 8:30-7:00, TUE,WED,THUR. 8:30-4:00,
FRI. 8:00-12:30
(603) 772-4741
Tax Collector: DEBORAH L BAKIE

Owner: UNITIL NORTHERN UTILITIES

Location: STRATHAM
Map: 000029 **Lot:** 000002 **Sub:** 000000
Invoice: 2022P01045305

Amount Due By 07/01/2022: **$ 4,512.00**

Remit To:
TOWN OF STRATHAM
10 BUNKER HILL AVE
STRATHAM, NH 03885
Temp - Return Service Requested

RETURN THIS PORTION WITH PAYMENT

REMITTED AMOUNT: _____

TOWN OF STRATHAM
10 BUNKER HILL AVE
STRATHAM, NH 03885
Temp - Return Service Requested

UNITIL NORTHERN UTILITIES
6 LIBERTY LANE WEST
HAMPTON, NH 03842

2022 STRATHAM PROPERTY TAX -- BILL 2 OF 2

Invoice: 2022P02045304
Billing Date: 11/21/2022
Payment Due Date: **12/21/2022**
Amount Due: **$ 4,590.00**

8% APR Charged After 12/21/2022

We cannot accept credit/debit cards over the counter. If you wish, you may pay online from the convience of your home through the Town's Website of www.strathamnh.gov

Property Owner

Owner: UNITIL NORTHERN UTILITIES

Property Description

Map: 000029 **Lot:** 000002 **Sub:** 000000
Location: STRATHAM **Acres:** 0.000

Tax Rates		Assessments	
County:	$ 0.83	**Taxable Land:**	0
School:	$ 13.54	**Buildings:**	521,900
Town:	$ 3.07	**Total:**	521,900
Total Tax Rate:	**$ 17.44**	**Net Value:**	**521,900**

Summary Of Taxes

Total Tax:	$ 9,102.00
- First Bill:	$ 4,512.00
- Abated/Paid:	$ 0.00
- Veteran Credits:	$ 0.00

Amount Due By 12/21/2022: $ 4,590.00

2022 STRATHAM PROPERTY TAX -- BILL 2 OF 2

Mailed To:
UNITIL NORTHERN UTILITIES
6 LIBERTY LANE WEST
HAMPTON, NH 03842

TOWN OF STRATHAM
MON. 8:30-7:00, TUE,WED,THUR. 8:30-4:00,
FRI. 8:00-12:30
(603) 772-4741
Tax Collector: DEBORAH L BAKIE

Owner: UNITIL NORTHERN UTILITIES

Location: STRATHAM
Map: 000029 **Lot:** 000002 **Sub:** 000000
Invoice: 2022P02045304

Amount Due By 12/21/2022: $ 4,590.00

Remit To:
TOWN OF STRATHAM
10 BUNKER HILL AVE
STRATHAM, NH 03885
Temp - Return Service Requested

RETURN THIS PORTION WITH PAYMENT

REMITTED AMOUNT: _____