

DG 20-013
Residential Low Income Assistant Program
Joint Proposal on Program Modifications
July 24, 2020

I. Introduction

This joint proposal on program modifications (joint proposal or settlement or agreement) is entered into by and among Commission Staff (Staff); the Office of the Consumer Advocate (OCA); the Way Home, by and through counsel, New Hampshire Legal Assistance (NHLA); the New Hampshire Community Action Agencies (NHCAA); Northern Utilities, Inc.; and Liberty Utilities (EnergyNorth Natural Gas) Corp. d/b/a Liberty Utilities, (together, “Settling Parties”).

II. Background

On January 31, 2020, the Commission opened this docket to consider changes to the Residential Low Income Assistance Program (RLIAP). *See* Staff Recommendation. New Hampshire’s two gas utilities, Liberty and Northern, published the order of notice in the Union Leader on February 3, 2020, and February 5, 2020, respectively. Less than two months after the docket was opened, on March 13, 2020, the Governor declared a State of Emergency in response to COVID-19. The prehearing conference was held the same day, on March 13, 2020. There have been two rounds of discovery sent to the utilities and the NHCAA, and four technical sessions. Based on discussions and analysis, the Settling Parties propose the following modifications:

Modifications

- Eliminate the all-season 60% discount on distribution rates (exclusive of the LDAC) and implement a 45% discount on distribution and gas supply rates (exclusive of the LDAC) during the winter months only (November 1-April 30);
- Incremental administrative costs of the modified RLIAP may be treated as a program cost and recoverable through the LDAC rate pending a change in distribution rates that provides for recovery of those costs through distribution rates;

- RLIAP 2nd Quarter Report to be included in annual COG filing in addition to existing required quarterly filings via the Commission's electronic filing system;
- Modified Program effective November 1, 2020;
- Review of RLIAP Program following 2020-2021 winter months;
- Eliminate financial cost parameters that required Staff notification if program cost exceeds 1% of utility's gross revenue or 1% of typical customer's total bill;
- Rename the "RLIAP" program the "Gas Assistance Program."

Basis for Modifications

The proposed modifications and discount:

- Are consistent with the last year's benefit for qualifying customers: An all-season 60% discount on distribution rates (exclusive of the LDAC) is equivalent to an all-season 35% discount on distribution and supply rates (exclusive of the LDAC), which is in turn equivalent to an approximate 45% discount on winter distribution and supply rates (exclusive of the LDAC);
- Provide greater rate relief when the need is greatest (more than 80% of residential heating customer annual costs occur during the winter months), resulting in a less dramatic difference between customers' winter and summer bills;
- Create consistent percentage discounts for qualifying customers. Applying the discount to distribution and supply rates (exclusive of the LDAC) should provide a more consistent bill discount for customers, as supply rates are more volatile than distribution rates. Discounting supply rates will improve the stability of the program by making it less reactive to marketplace variations. Eligible customers will be better able to predict the available discounts and the value of participating in the program;

- Provide larger credits for customers during periods of rapidly escalating supply rates when the discount would be most needed;

- Are administratively neutral with:
 - No changes in how outside agencies support the existing program;
 - Minimal costs to gas utilities to implement the modification, including administrative and programming costs to concentrate discount on the winter period;
 - No increase in administrative costs, once implemented;
 - Result in no loss of Low Income Home Energy Assistance Program funding to New Hampshire; and

- Are subject to Commission review of program results on an annual basis in cost of gas dockets (opportunity for Commissioners to order, or Staff and parties to recommend, that a docket be opened to investigate further modifications, post-COVID).

All other terms, requirements, and provisions of the RLIAP program remain in full force and effect.

Except to the extent modified by this joint proposal, the Settling Parties agree to abide by the terms of the RLIAP program as approved by Order 24,508, Order 24,669, and as presently administered.

III. Terms of Settlement

- A. The Settling Parties agree that the proposed modifications, as identified above, are consistent with the intent and goals of New Hampshire's RLIAP program as established by Order 24,508 (September 1, 2005) and modified by Order 24,669 (September 22, 2006), and furthermore fully within the Commission's authority to create and modify. *See* RSA 374:3 (Commission has general supervision of all public utilities...so far as necessary to carry into effect the provisions of this title); RSA 374:1 (requiring adequate service be provided to all customers in a utility's franchise area); RSA 378:7 (establishing the just and reasonable standard for regulatory practice); RSA 378:11 (providing for a necessary degree of flexibility in setting rates so as to allow for the differing needs of the various customer classes).
- B. The Settling Parties agree and recommend that the Commission accept Liberty and Northern's proposed tariff changes, which implement the RLIAP program rate design modifications described herein. *See* **Joint Proposal Attachment 1** (Liberty tariff page(s)); **Joint Proposal Attachment 2** (Northern tariff page(s)).
- C. The Settling Parties agree and recommend that the Commission address this settlement at the remote hearing on the merits scheduled for August 4, 2020, and that the utilities be directed to implement all program modifications effective November 1, 2020, through April 30, 2021.
- D. The parties agree to meet on August 4, 2020, immediately following the hearing, to discuss the utilities' current and planned efforts to communicate with customers regarding program changes. The utilities agree to make reasonable adjustments to their outreach efforts and shall be able to recover any additional, reasonable, costs

IV. Conditions

This joint proposal is expressly conditioned upon the Commission's acceptance of all of its provisions, without change or condition. If the Commission does not accept this Agreement in its entirety, any party hereto, at its sole option exercised within fifteen (15) days of such Commission order, may withdraw from this Agreement, in which event it shall be deemed to be null and void and without effect and shall not be relied upon by the Utilities, Staff, the OCA, or any other party to this proceeding, or the Commission for any purpose.

The Commission's acceptance of this Agreement shall not constitute continuing approval of, or precedent regarding, any particular principle or issue in this proceeding.

The discussions that produced this Agreement have been conducted on the explicit understanding that all offers of settlement relating thereto are and shall be confidential, shall be without prejudice to the position of any party or participant representing any such offer or participating in any such discussion, and are not to be used in connection with any future proceeding or otherwise.

The Settling Parties agree that all testimony and supporting documentation, including discovery responses, should be admitted as full exhibits for the purposes of reviewing this Agreement. The Settling Parties' agreement to admit all testimony without challenge does not constitute agreement by the Settling Parties that the content of the written testimony is accurate or what weight, if any, should be given to the views of any witness, except as may be specifically provided in this Agreement.

The identification of the resolution of any specific issue in this Agreement does not indicate any of the Settling Parties' agreement to the resolution for purposes of any future proceeding, nor does the reference to any other document bind the Settling Parties to the contents of, or the recommendations in,

that document for purposes of any future proceeding. The Commission's approval of the recommendations in this Agreement shall not constitute a determination or precedent with regard to any specific program modification, including percentage of discounts or cost parameters, but rather shall constitute only a determination that the modifications resulting from this agreement, and other specific conditions stated in this Agreement are just and reasonable and otherwise consistent with the law.

The Commission shall have continuing jurisdiction to enforce the terms of this Settlement, and settlements reached in prior RLIAP dockets. The Settling Parties may modify this Settlement and any of the exhibits attached hereto upon written consent of the Settling Parties, and approval of the Commission, where required.

This Agreement may be executed by facsimile and in counterparts, including an electronic signature in PDF, authorized by an explicit statement in an accompanying email which shall be included with the electronic signature page. Each signature, of whatever type, shall be deemed an original, and all of which, taken together, shall constitute one agreement binding on all Settling Parties.

Joint Proposal 07-24-20

Docket No. DG 20-013
Residential Low Income Assistant Program
Joint Proposal on Program Modifications/Settlement
Page 7 of 8

IN WITNESS WHEREOF, the Settling Parties to this Agreement have caused this Joint Proposal on Program Modifications to be duly executed in their respective names by their fully authorized agents.

Liberty Utilities (EnergyNorth Natural Gas) Corp. d/b/a Liberty Utilities



Dated: July 24, 2020

By its Attorney, Michael J. Sheehan

Northern Utilities, Inc.

Dated: July ____, 2020

By its Attorney, Patrick H. Taylor

The Way Home

Dated: July ____, 2020

By its Attorney, Stephen Tower
New Hampshire Legal Assistance

New Hampshire Community Action Agencies

Dated: July ____, 2020

By its Executive Director, Jeanne Agri

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By its Attorney, Patrick H. Taylor

The Way Home

Dated: July ___, 2020

By its Attorney, Stephen Tower
New Hampshire Legal Assistance

New Hampshire Community Action Agencies

Dated: July ___, 2020

By its Executive Director, Jeanne Agri

Gagne, Susan

From: Stephen Tower <stower@nhla.org>
Sent: Monday, July 27, 2020 1:02 PM
To: Schwarzer, Mary
Subject: DG 20-013-- RLIAP Joint Proposal
Attachments: DG 20-013 Joint Proposal 20200724.pdf; DG 20-013 Joint Proposal NHLA signature 20200724 (Signed).pdf

EXTERNAL: Do not open attachments or click on links unless you recognize and trust the sender.

I am signing and approving the attached Joint Proposal in DG 20-013 on behalf of The Way Home. I have used /s/Stephen Tower to sign the Joint Proposal as New Hampshire Legal Assistance staff are presently working from home, and I do not have the capacity to print and scan a hand-signed copy of the Joint Proposal on a short timeframe.

Sincerely,

Stephen Tower, Esq.

(He/His/Him)

Staff Attorney

New Hampshire Legal Assistance

1850 Elm Street, Suite 7

Manchester, NH 03104

t: (603) 261-2818

f: (603) 223-9794

stower@nhla.org

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Joint Proposal 07-24-20

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Residential Low Income Assistant Program
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Liberty Utilities (EnergyNorth Natural Gas) Corp. d/b/a Liberty Utilities

Dated: July ____, 2020

By its Attorney, Michael J. Sheehan

Northern Utilities, Inc.

Dated: July ____, 2020

By its Attorney, Patrick H. Taylor

The Way Home

Agrees to all Joint Proposal/ Settlement Agreement terms, with the exception of Section III (D) (outreach), consideration of which is pending at this time:

Dated: July 27, 2020

/s/ Stephen Tower
By its Attorney, Stephen Tower
New Hampshire Legal Assistance

New Hampshire Community Action Agencies

Dated: July ____, 2020

By its Executive Director, Jeanne Agri

Joint Proposal 07-24-20

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Page 7 of 8

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**Liberty Utilities (EnergyNorth Natural
Gas) Corp. d/b/a Liberty Utilities**

Dated: July __, 2020

By its Attorney, Michael J. Sheehan

Northern Utilities, Inc.

Dated: July __, 2020

By its Attorney, Patrick H. Taylor

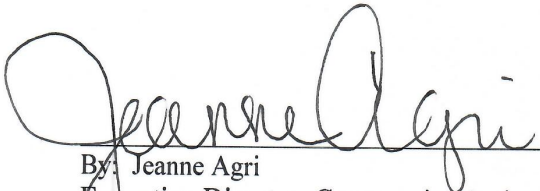
The Way Home

Dated: July __, 2020

By its Attorney, Stephen Tower
New Hampshire Legal Assistance

New Hampshire Community Action Agencies

Dated: July 27, 2020



By: Jeanne Agri
Executive Director, Community Action
Program Belknap-Merrimack and NH
Community Action Agencies Representative

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Office of the Consumer Advocate



Dated: July 27, 2020

By its Consumer Advocate, D. Maurice Kreis

New Hampshire Public Utilities Commission

Dated: July ____, 2020

By its Attorney, Mary E. Schwarzer

Gagne, Susan

From: Schwarzer, Mary
Sent: Monday, July 27, 2020 3:46 PM
To: Gagne, Susan
Subject: DG 20-013 RLIAP Joint Proposal

I am signing and approving the Joint Proposal in DG 20-013 on behalf of the Staff of the New Hampshire Public Utilities Commission.

I have used “/s/ Mary Schwarzer” to sign the Joint Proposal as Commission Staff are presently working from home, and I do not have the capacity to print and scan a hand-signed copy of the Joint Proposal on a short time-frame.

Sincerely,

Mary E. Schwarzer
Staff Attorney/Hearings Examiner
New Hampshire Public Utilities Commission
21 South Fruit Street, Suite 10
Concord, NH 03301-2429
603.271.2431 (phone)
603.271.3878 (fax)
Mary.Schwarzer@puc.nh.gov

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Office of the Consumer Advocate

Dated: July ____, 2020

By its Consumer Advocate, D. Maurice Kreis

Staff of the New Hampshire Public Utilities Commission

/s/ Mary E. Schwarzer

Dated: July 27, 2020

By Mary E. Schwarzer, Attorney for Staff

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29 CALCULATION OF FIXED WINTER PERIOD COST OF GAS RATE EXCLUDING KEENE CUSTOMERS

NHPUC NO. 10 - GAS
LIBERTY UTILITIES

Proposed Second Revised
Superseding First Revised

II. RATE SCHEDULES
CALCULATION OF FIXED WINTER PERIOD COST OF GAS RATE
PERIOD COVERED: WINTER PERIOD, NOVEMBER 1, 2019 THROUGH APRIL 30, 2020
(Refer to Text in Section 17(A) Fixed Price Option Program)

(Col 1)	(Col 2)	(Col 3)
Total Anticipated Direct Cost of Gas	\$52,211,274	
Projected Prorated Sales (11/01/19 - 04/30/20)	87,796,897	
Direct Cost of Gas Rate		\$ 0.5947 per therm
Demand Cost of Gas Rate	\$11,060,200	\$ 0.1260 per therm
Commodity Cost of Gas Rate	40,875,472	\$ 0.4656 per therm
Adjustment Cost of Gas Rate	275,601	\$ 0.0031 per therm
Total Direct Cost of Gas Rate	\$52,211,274	\$ 0.5947 per therm
Total Anticipated Indirect Cost of Gas	\$ 2,251,324	
Projected Prorated Sales (11/01/19 - 04/30/20)	87,796,897	
Indirect Cost of Gas		\$ 0.0256 per therm
TOTAL PERIOD AVERAGE COST OF GAS EFFECTIVE (11/01/19)		\$ 0.6203
Calculation of FPO		
TOTAL PERIOD AVERAGE COST OF GAS EFFECTIVE (11/01/19)		\$ 0.6203
FPO Risk Premium		\$ 0.0200
TOTAL PERIOD FIXED PRICE OPTION COST OF GAS RATE EFFECTIVE (11/01/19)		\$ 0.6403
<hr/>		
RESIDENTIAL COST OF GAS RATE - EXCLUDING LOW INCOME	COGwr	\$ 0.6403 /therm
<hr/>		
Total Anticipated Direct Cost of Gas	\$52,211,274	
Projected Prorated Sales (11/01/19 - 04/30/20)	87,796,897	
Direct Cost of Gas Rate		\$ 0.5947 per therm
Demand Cost of Gas Rate	\$11,060,200	\$ 0.1260 per therm
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Indirect Cost of Gas		\$ 0.0256 per therm
TOTAL PERIOD AVERAGE COST OF GAS EFFECTIVE (11/01/19)		\$ 0.6203
Calculation of FPO		
TOTAL PERIOD AVERAGE COST OF GAS LOW INCOME - EFFECTIVE (11/01/19)		\$ 0.3412
FPO Risk Premium		\$ 0.0110
TOTAL PERIOD FIXED PRICE OPTION COST OF GAS RATE EFFECTIVE (11/01/19)		\$ 0.3522
<hr/>		
RESIDENTIAL COST OF GAS RATE - LOW INCOME	COGwr	\$ 0.3522 /therm
<hr/>		
C&I LOW WINTER USE COST OF GAS RATE - 11/01/19	COGwl	\$ 0.6458 /therm
<hr/>		
Average Demand Cost of Gas Rate Effective (05/01/15)	\$ 0.1260	
Times: Low Winter Use Ratio (Winter)	\$ 1.0465	
Times: Correction Factor	0.9976	
Adjusted Demand Cost of Gas Rate	\$ 0.1315	
Commodity Cost of Gas Rate	\$ 0.4656	
Adjustment Cost of Gas Rate	\$ 0.0031	
Indirect Cost of Gas Rate	\$ 0.0256	
Adjusted C&I Low Winter Use Cost of Gas Rate	\$ 0.6258	
FPO Risk Premium	\$ 0.0200	
	\$ 0.6458	
<hr/>		
C&I HIGH WINTER USE COST OF GAS RATE - 11/01/19	COGwh	\$ 0.5143 /therm
<hr/>		
Average Demand Cost of Gas Rate Effective (05/01/15)	\$ 0.1260	
Times: High Winter Use Ratio (Winter)	-	
Times: Correction Factor	0.9976	
Adjusted Demand Cost of Gas Rate	\$ -	
Commodity Cost of Gas Rate	\$ 0.4656	
Adjustment Cost of Gas Rate	\$ 0.0031	
Indirect Cost of Gas Rate	\$ 0.0256	
Adjusted C&I Low Winter Use Cost of Gas Rate	\$ 0.4943	
FPO Risk Premium	\$ 0.0200	
	\$ 0.5143	

3. Effective Date: On or before the first business day in September of each year, the Company shall file with the NHPUC for its consideration and approval, the Company's request for a change in the RLIAP Rate applicable to all firm sales, delivery and transportation service throughput for the subsequent twelve-month period commencing with the calendar month of November.

4. RLIAP Costs Allowable for LDAC: The costs to be recovered through the RLIAP Rate shall comprised of the revenue shortfall calculated by forecasting the number of customers enrolled in the RLIAP and the associated volumetric billing determinants for the upcoming annual recovery period and applying those billing determinants to the difference between the regular and reduced low income residential base rates, plus the low income discount applied to the cost of gas, administrative, marketing and startup costs. The RLIAP Rate shall be calculated by dividing the resulting costs, plus any prior period reconciling adjustment, by the forecast of annual firm sales and transportation service throughput.

5. RLIAP Factor Formula

$$RLIAPF = \frac{RLIAP + RA_{RLIAP}}{A: TPEv}$$

where:

A: Tpev Forecast Annual Throughput Volumes of all firm sales and transportation tariffed customers eligible to receive firm delivery-only service from the Company.

RLIAP RLIAP costs comprising of the revenue shortfall associated with customer participation, plus administrative, marketing, IT and start-up costs.

RA_{RLIAP} RLIAP Reconciliation Adjustment - Account 1169-1756, inclusive of the associated Account 1169-1756 interest, as outlined in Section 17(G)(6).

6. Reconciliation Adjustments: Prior to the Company's Winter season Cost of Gas filing, the Company will calculate the difference between (a) the revenue derived by multiplying the actual firm sales and delivery service throughput by the RLIAP Rate through October 31st, and (b) the actual costs of the program which consists of (1) the revenue shortfall calculated by applying the actual billing determinants of the RLIAP classes to the difference in the regular and reduced residential base rates and cost of gas rates in effect for the annual reconciliation period and (2) the low income discount applied to the cost of gas, start-up, administrative and marketing costs associated with the implementation of the program, plus carrying charges calculated on the average monthly balance using the monthly prime lending rate, as reported by the Federal Reserve Statistical Release of Selected Interest Rates. The combined costs will then be recorded in the deferred RLIAP account 1169-1756. The Company shall file the reconciliation along with its COG filing on or before the first business day in September of each year.

H. Effective Date of Local Distribution Adjustment Clause. The LDAC shall be filed annually and become effective on November 1 of each year pursuant to NHPUC approval. In order to minimize the magnitude of future reconciliation adjustments, the Company may request interim revisions to the LDAC rates, subject to review and approval of the NHPUC.

I. Local Distribution Adjustment Clause Formulas. The LDAC shall be calculated on an annual basis, by customer, by summing up the various factors included in the LDAC, where applicable.

LDAC Formula

$$LDAC^X = CC^X + RDAF^X + ES + GREF^X + RCE + RLIAP$$

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**3 LOW INCOME RESIDENTIAL HEATING RATE:
CLASSIFICATION NO. R-4**

Availability

This rate is for residential use for those domestic customers who use gas as the principal household heating fuel if any member of the household qualifies for a benefit through one of the programs listed below, subject to the qualification period described under the "Terms and Conditions" of this rate. Availability is limited to use in domestic locations which are separately metered and billed and which are served by the Company's mains and for which the Company facilities are adequate.

Qualified Programs:

- a. Low Income Home Energy Assistance Program (LIHEAP)
- b. Electric Assistance Program (EAP)
- c. Supplemental Security Income Program
- d. Women, Infants and Children Program
- e. Commodity Surplus Foods Program (for women, infants and children)
- f. Elderly Commodity Surplus Foods Program
- g. Temporary Aid to Needy Families Program
- h. Housing Choice Voucher Program (also known as Section 8)
- i. Head Start Program
- j. Aid to the Permanently and Totally Disabled Program
- k. Aid to the Needy Blind Program
- l. Old Age Assistance Program
- m. Food Stamps Program
- n. Any successor program of a-m

Character of Service

Natural gas or equivalent will be supplied at a thermal content of nominally one (1) therm in each one hundred (100) cubic feet.

Delivery Charge

Customer Charge Per Meter: \$~~0.20282840~~ per day or \$~~8.526-08~~ per 30 day month

Winter Period: All therms per 30 day month at \$~~0.2228~~ .3123 per therm

Summer Period: ~~_____ All therms per 30 day month at \$0.2228 per therm~~

The above rates shall be adjusted to reflect the recovery of all applicable taxes. The Winter Period shall be the months of November through April inclusive. ~~The Summer Period shall be the months of May through October inclusive.~~

Cost of Gas Charge

All gas delivered under this rate is subject to a per therm cost of gas rate. The cost of gas rate is not included in the delivery charge presented above. Refer to the Firm Rate Schedules which present both the delivery charge and cost of gas rates.

Other Charges for Delivery Service

The customer must also pay such charges and adjustments as are set forth in the Company's Local Distribution Adjustment Clause, as in effect from time to time and on file with the Commission. The delivery

charges presented above are exclusive of these charges. Refer to the Firm Rate Schedules which present both the delivery charge and the LDAC rates.

Meter Account Charge

When the Company establishes or re-establishes a gas service account for a customer at a meter location, a meter account charge is incurred in addition to all other charges. The meter account charge is \$20.00 when the visit to the meter location is scheduled at the mutual convenience of the Company and the customer. Otherwise, the charge is \$30.00.

Terms and Conditions

For those customers qualifying for the program this rate R-4 shall apply for a ~~one-six month year-winter~~ period. On the date that the ~~one-year~~six month winter period expires, eligibility for this rate shall expire unless the customer provides the Company with evidence that the customer continues to be eligible for one or more qualifying programs. When the Rate R-4 expires, the rate on each account shall revert back to the non-low income Residential Heating Rate, R-3. Customers whose eligibility for the program is based on their having qualified for LIHEAP shall be eligible for this rate retroactive to November 1 of the heating season in which they qualified. Eligibility for such customers shall expire the following ~~October-April 340~~, subject to their re-qualifying through receipt of LIHEAP or other benefits as set forth above.

Eligibility shall be determined based on the reasonable discretion of the Company subject to verification of heating usage.

Meters are read and bills are presented monthly. In the event a meter reader is unable to obtain a meter reading, an estimated bill will be rendered to the customer.

Amounts not paid prior to the due date; normally the next following meter reading date and a date not less than twenty-five (25) days from the date the bill is mailed - are subject to a late payment charge of one and one-half percent (1½%) per month on the unpaid balance - equivalent to an eighteen percent (18%) annual rate. There is a \$15.00 charge for each bad check tendered for payment.

A customer must give at least four (4) days' notice before discontinuance of service and is responsible for all charges through the end of the notice period.

Service under this rate is subject to the rules and regulations and the published tariff, terms and conditions presently effective, or as filed from time to time, with the Commission.

**6 MANAGED EXPANSION PROGRAM LOW INCOME RESIDENTIAL HEATING
RATE:
CLASSIFICATION NO. R-7**

Availability

This rate is mandatory for customers taking service in a Managed Expansion Program project area who otherwise would have qualified for Low Income Residential Heating Rate R-4.

Qualified Programs:

- a. Low Income Home Energy Assistance Program (LIHEAP)
- b. Electric Assistance Program (EAP)
- c. Supplemental Security Income Program
- d. Women, Infants and Children Program
- e. Commodity Surplus Foods Program (for women, infants and children)
- f. Elderly Commodity Surplus Foods Program
- g. Temporary Aid to Needy Families Program
- h. Housing Choice Voucher Program (also known as Section 8)
- i. Head Start Program
- j. Aid to the Permanently and Totally Disabled Program
- k. Aid to the Needy Blind Program
- l. Old Age Assistance Program
- m. Food Stamps Program
- n. Any successor program of a-m

Character of Service

Natural gas or equivalent will be supplied at a thermal content of nominally one (1) therm in each one hundred (100) cubic feet.

Delivery Charge

Customer Charge Per Meter: \$~~0.2634-3897~~ per day or \$~~7.9011.69~~ per 30 day month

Winter Period: All therms per 30 day month at \$~~0.2896-4282~~ per therm

Summer Period: ~~————— All therms per 30 day month at \$0.2896 per therm~~

The above rates shall be adjusted to reflect the recovery of all applicable taxes. The Winter Period shall be the months of November through April inclusive. ~~The Summer Period shall be the months of May through October inclusive.~~

Cost of Gas Charge

All gas delivered under this rate is subject to a per therm cost of gas rate. The cost of gas rate is not included in the delivery charge presented above. Refer to the Firm Rate Schedules which present both the delivery charge and cost of gas rates.

Other Charges for Delivery Service

The customer must also pay such charges and adjustments as are set forth in the Company's Local Distribution Adjustment Clause, as in effect from time to time and on file with the Commission. The

delivery charges presented above are exclusive of these charges. Refer to Page 92 of this Tariff for firm rate schedules which present both the delivery charge and the LDAC rates.

Meter Account Charge

When the Company establishes or re-establishes a gas service account for a customer at a meter location, a meter account charge is incurred in addition to all other charges. The meter account charge is \$20.00

when the visit to the meter location is scheduled at the mutual convenience of the Company and the customer. Otherwise, the charge is \$30.00.

Terms and Conditions

Service under each Managed Expansion Program project will have a term of ten years. Customers initiating service under this rate must take service hereunder until ten years following the date that the first customer in the particular Managed Expansion Program project takes service. Once the term of service for a particular Managed Expansion Program project expires, customers will thereafter take service under Low Income Residential Heating Rate R-4.

For those customers qualifying for the program this rate R-7 shall apply for a ~~one six month year winter~~ period. On the date that the ~~one year six month winter~~ period expires, eligibility for this rate shall expire unless the customer provides the Company with evidence that the customer continues to be eligible for one or more qualifying programs. When the Rate R-7 expires, the rate on each account shall revert back to the non-low income Residential Heating Rate, R-6. Customers whose eligibility for the program is based on their having qualified for LIHEAP shall be eligible for this rate retroactive to November 1 of the heating season in which they qualified. Eligibility for such customers shall expire the following ~~October-April 30th~~, subject to their re-qualifying through receipt of LIHEAP or other benefits as set forth above.

Eligibility shall be determined based on the reasonable discretion of the Company subject to verification of heating usage.

Meters are read and bills are presented monthly. In the event a meter reader is unable to obtain a meter reading, an estimated bill will be rendered to the customer.

Amounts not paid prior to the due date; normally the next following meter reading date and a date not less than twenty-five (25) days from the date the bill is mailed - are subject to a late payment charge of one and one-half percent (1½%) per month on the unpaid balance - equivalent to an eighteen percent (18%) annual rate. There is a \$15.00 charge for each bad check tendered for payment.

A customer must give at least four (4) days' notice before discontinuance of service and is responsible for all charges through the end of the notice period.

Service under this rate is subject to the rules and regulations and the published tariff, terms and conditions presently effective, or as filed from time to time, with the Commission.

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22 FIRM RATE SCHEDULES - EXCLUDING KEENE CUSTOMERS

II. RATE SCHEDULES									
FIRM RATE SCHEDULES EXCLUDING KEENE CUSTOMERS									
Rates Effective April 1, 2020 - April 30, 2020					Rates Effective August 1, 2020 - October 31, 2020				
Winter Period					Summer Period				
	Delivery Charge 7/1/2020	Cost of Gas Rate @ 04/2020 Page 92	LDAC thru 10/2020 Page 97	Total Rate	Delivery Charge	Cost of Gas Rate @ 08/2020 Page 89	LDAC thru 10/2020 Page 97	Total Rate	
Residential Non Heating - R-1									
Customer Charge per Month per Meter	\$ 15.50			\$ 15.50	\$ 15.50			\$ 15.50	
All therms	\$ 0.3860	\$ 0.2679	\$ 0.0310	\$ 0.6849	\$ 0.3860	\$ 0.4757	\$ 0.0310	\$ 0.8927	
Residential Heating - R-3									
Customer Charge per Month per Meter	\$ 15.50			\$ 15.50	\$ 15.50			\$ 15.50	
All therms					all therms				
Therms in the first block per month at	\$ 0.5678	\$ 0.2679	\$ 0.0310	\$ 0.8667	\$ 0.5678	\$ 0.4757	\$ 0.0310	\$ 1.0745	
Residential Heating - R-4									
Customer Charge per Month per Meter	\$ 6.20 \$ 8.53			\$ 6.08 \$ 8.53	\$ 6.20 \$ 15.50			\$ 6.20 \$ 15.50	
All therms									
Therms in the first block per month at	\$ 0.3123	\$ 0.1473	\$ 0.0310	\$ 0.5217	\$ 0.5678	\$ 0.4757	\$ 0.0310	\$ 0.7339	
	\$ 0.2272	\$ 0.2679		\$ 0.4954	\$ 0.2272			\$ 0.6253	
Commercial/Industrial - G-41									
Customer Charge per Month per Meter	\$ 57.46			\$ 57.46	\$ 57.46			\$ 57.46	
Size of the first block	20 therms				20 therms				
Therms in the first block per month at	\$ 0.4711	\$ 0.2666	\$ 0.0478	\$ 0.7855	\$ 0.4711	\$ 0.4711	\$ 0.0478	\$ 0.9900	
All therms over the first block per month at	\$ 0.3165	\$ 0.2666	\$ 0.0478	\$ 0.6309	\$ 0.3165	\$ 0.4711	\$ 0.0478	\$ 0.8354	
Commercial/Industrial - G-42									
Customer Charge per Month per Meter	\$ 172.39			\$ 172.39	\$ 172.39			\$ 172.39	
Size of the first block	400 therms				400 therms				
Therms in the first block per month at	\$ 0.4284	\$ 0.2666	\$ 0.0478	\$ 0.7428	\$ 0.4284	\$ 0.4711	\$ 0.0478	\$ 0.9473	
All therms over the first block per month at	\$ 0.2855	\$ 0.2666	\$ 0.0478	\$ 0.5999	\$ 0.2855	\$ 0.4711	\$ 0.0478	\$ 0.8044	
Commercial/Industrial - G-43									
Customer Charge per Month per Meter	\$ 739.83			\$ 739.83	\$ 739.83			\$ 739.83	
All therms over the first block per month at	\$ 0.1204	\$ 0.2666	\$ 0.0478	\$ 0.4348	\$ 0.1204	\$ 0.4711	\$ 0.0478	\$ 0.6393	
Commercial/Industrial - G-51									
Customer Charge per Month per Meter	\$ 57.46			\$ 57.46	\$ 57.46			\$ 57.46	
Size of the first block	100 therms				100 therms				
Therms in the first block per month at	\$ 0.2839	\$ 0.2734	\$ 0.0478	\$ 0.6051	\$ 0.2839	\$ 0.4828	\$ 0.0478	\$ 0.8145	
All therms over the first block per month at	\$ 0.1846	\$ 0.2734	\$ 0.0478	\$ 0.5058	\$ 0.1846	\$ 0.4828	\$ 0.0478	\$ 0.7152	
Commercial/Industrial - G-52									
Customer Charge per Month per Meter	\$ 172.39			\$ 172.39	\$ 172.39			\$ 172.39	
Size of the first block	1000 therms				1000 therms				
Therms in the first block per month at	\$ 0.1767	\$ 0.2734	\$ 0.0478	\$ 0.4979	\$ 0.1767	\$ 0.4828	\$ 0.0478	\$ 0.7073	
All therms over the first block per month at	\$ 0.1004	\$ 0.2734	\$ 0.0478	\$ 0.4216	\$ 0.1004	\$ 0.4828	\$ 0.0478	\$ 0.6310	
Commercial/Industrial - G-53									
Customer Charge per Month per Meter	\$ 761.39			\$ 761.39	\$ 761.39			\$ 761.39	
All therms over the first block per month at	\$ 0.0818	\$ 0.2734	\$ 0.0478	\$ 0.4030	\$ 0.0818	\$ 0.4828	\$ 0.0478	\$ 0.6124	
Commercial/Industrial - G-54									
Customer Charge per Month per Meter	\$ 761.39			\$ 761.39	\$ 761.39			\$ 761.39	
All therms over the first block per month at	\$ 0.0353	\$ 0.2734	\$ 0.0478	\$ 0.3565	\$ 0.0353	\$ 0.4828	\$ 0.0478	\$ 0.5659	

23 FIRM RATE SCHEDULES - KEENE CUSTOMERS

	Rates Effective April 1, 2020 - April 30, 2020				Rates Effective August 1, 2020 - October 31, 2020			
	Winter Period				Summer Period [1]			
	Delivery Charge	Cost of Gas Rate @ 04/2020	LDAC thru 10/2020	Total Rate	Delivery Charge	Cost of Gas Rate @ 08/2020	LDAC thru 10/2020	Total Rate
7/1/2020	Page 93	Page 97			Page 89	Page 97		
Residential Non Heating - R-1								
Customer Charge per Month per Meter	\$15.50			\$15.50	\$15.50			\$15.50
All therms	\$0.3860	\$0.4408	\$0.0310	\$0.8578	\$0.3860	\$0.7908	\$0.0310	\$1.2078
Residential Heating - R-3								
Customer Charge per Month per Meter	\$15.50			\$15.50	\$15.50			\$15.50
All therms	\$0.5678	\$0.4408	\$0.0310	\$1.0396	\$0.5678	\$0.7908	\$0.0310	\$1.3896
Residential Heating - R-4								
Customer Charge per Month per Meter	\$6.20			\$6.20	\$6.20			\$6.20
All therms	\$8.52	\$0.2424	\$0.0310	\$8.85	\$15.50	\$0.7908	\$0.0310	\$15.50
	\$0.3123	\$0.2424	\$0.0310	\$0.5857	\$0.5678	\$0.7908	\$0.0310	\$1.3896
	\$0.2272	\$0.4408		\$0.6680	\$0.2272			
Commercial/Industrial - G-41								
Customer Charge per Month per Meter	\$57.46			\$57.46	\$57.46			\$57.46
Size of the first block	20 therms			20 therms				
Therms in the first block per month at	\$0.4711	\$0.4408	\$0.0478	\$0.9597	\$0.4711	\$0.7908	\$0.0478	\$1.3097
All therms over the first block per month	\$0.3165	\$0.4408	\$0.0478	\$0.8051	\$0.3165	\$0.7908	\$0.0478	\$1.1551
Commercial/Industrial - G-42								
Customer Charge per Month per Meter	\$172.39			\$172.39	\$172.39			\$172.39
Size of the first block	400 therms			400 therms				
Therms in the first block per month at	\$0.4284	\$0.4408	\$0.0478	\$0.9170	\$0.4284	\$0.7908	\$0.0478	\$1.2670
All therms over the first block per month	\$0.2855	\$0.4408	\$0.0478	\$0.7741	\$0.2855	\$0.7908	\$0.0478	\$1.1241
Commercial/Industrial - G-43								
Customer Charge per Month per Meter	\$739.83			\$739.83	\$739.83			\$739.83
All therms over the first block per month	\$0.1204	\$0.4408	\$0.0478	\$0.6090	\$0.1204	\$0.7908	\$0.0478	\$0.9590
Commercial/Industrial - G-51								
Customer Charge per Month per Meter	\$57.46			\$57.46	\$57.46			\$57.46
Size of the first block	100 therms			100 therms				
Therms in the first block per month at	\$0.2839	\$0.4408	\$0.0478	\$0.7725	\$0.2839	\$0.7908	\$0.0478	\$1.1225
All therms over the first block per month	\$0.1846	\$0.4408	\$0.0478	\$0.6732	\$0.1846	\$0.7908	\$0.0478	\$1.0232
Commercial/Industrial - G-52								
Customer Charge per Month per Meter	\$172.39			\$172.39	\$172.39			\$172.39
Size of the first block	1000 therms			1000 therms				
Therms in the first block per month at	\$0.1767	\$0.4408	\$0.0478	\$0.6653	\$0.1767	\$0.7908	\$0.0478	\$1.0153
All therms over the first block per month	\$0.1004	\$0.4408	\$0.0478	\$0.5890	\$0.1004	\$0.7908	\$0.0478	\$0.9390
Commercial/Industrial - G-53								
Customer Charge per Month per Meter	\$761.39			\$761.39	\$761.39			\$761.39
All therms over the first block per month	\$0.0818	\$0.4408	\$0.0478	\$0.5704	\$0.0818	\$0.7908	\$0.0478	\$0.9204
Commercial/Industrial - G-54								
Customer Charge per Month per Meter	\$761.39			\$761.39	\$761.39			\$761.39
All therms over the first block per month	\$0.0353	\$0.4408	\$0.0478	\$0.5239	\$0.0353	\$0.7908	\$0.0478	\$0.8739

24 FIRM RATE SCHEDULES - MANAGED EXPANSION PROGRAM-EXCLUDING KEENE CUSTOMERS

II RATE SCHEDULES								
FIRM RATE SCHEDULES EXCLUDING KEENE CUSTOMERS								
Rates Effective April 1, 2020 - April 30, 2020					Rates Effective August 1, 2020 - October 31, 2020			
Winter Period					Summer Period			
Delivery Charge 7/1/2020	Cost of Gas Rate @ 04/2020 Page 92	LDAC thru 10/2020 Page 97	Total Rate	Delivery Charge	Cost of Gas Rate Page 89	LDAC 11/19-10/20 Page 97	Total Rate	
Residential Non Heating - R-5								
Customer Charge per Month per Meter	\$ 19.76		\$ 19.76	\$ 20.15			\$ 20.15	
All therms	\$ 0.4922	\$ 0.2679	\$ 0.0310	\$ 0.7910	\$ 0.5018	\$ 0.4757	\$ 0.0310	\$ 1.0085
Residential Heating - R-6								
Customer Charge per Month per Meter	\$ 19.76		\$ 19.76	\$ 20.15			\$ 20.15	
All therms	\$ 0.7240	\$ 0.2679	\$ 0.0310	\$ 1.0229	\$ 0.7381	\$ 0.4757	\$ 0.0310	\$ 1.2448
Residential Heating - R-7								
Customer Charge per Month per Meter	\$ 7.90		\$ 7.90	\$ 8.06			\$ 8.06	
All therms	\$ 10.87	\$ 0.1473	\$ 0.0310	\$ 10.87	\$ 20.15	\$ 0.7381	\$ 0.4757	\$ 20.15
	\$ 0.3982	\$ 0.2679	\$ 0.5765	\$ 0.5885	\$ 0.7381	\$ 0.4757	\$ 0.0310	\$ 1.2448
Commercial/Industrial - G-44								
Customer Charge per Month per Meter	\$ 73.26		\$ 73.26	\$ 74.69			\$ 74.69	
Size of the first block	100 therms			20 therms				
Therms in the first block per month at	\$ 0.6008	\$ 0.2666	\$ 0.0478	\$ 0.9152	\$ 0.6126	\$ 0.4711	\$ 0.0478	\$ 1.1315
All therms over the first block per month at	\$ 0.4035	\$ 0.2666	\$ 0.0478	\$ 0.7179	\$ 0.4114	\$ 0.4711	\$ 0.0478	\$ 0.9303
Commercial/Industrial - G-45								
Customer Charge per Month per Meter	\$ 219.82		\$ 219.82	\$ 224.11			\$ 224.11	
Size of the first block	1000 therms			400 therms				
Therms in the first block per month at	\$ 0.5463	\$ 0.2666	\$ 0.0478	\$ 0.8607	\$ 0.5569	\$ 0.4711	\$ 0.0478	\$ 1.0759
All therms over the first block per month at	\$ 0.3640	\$ 0.2666	\$ 0.0478	\$ 0.6784	\$ 0.3711	\$ 0.4711	\$ 0.0478	\$ 0.8900
Commercial/Industrial - G-46								
Customer Charge per Month per Meter	\$ 943.36		\$ 943.36	\$ 961.78			\$ 961.78	
All therms over the first block per month at	\$ 0.3358	\$ 0.2666	\$ 0.0478	\$ 0.6502	\$ 0.1565	\$ 0.4711	\$ 0.0478	\$ 0.6755
Commercial/Industrial - G-55								
Customer Charge per Month per Meter	\$ 73.26		\$ 73.26	\$ 74.69			\$ 74.69	
Size of the first block	100 therms			100 therms				
Therms in the first block per month at	\$ 0.3621	\$ 0.2734	\$ 0.0478	\$ 0.6833	\$ 0.3691	\$ 0.4828	\$ 0.0478	\$ 0.8998
All therms over the first block per month at	\$ 0.2354	\$ 0.2734	\$ 0.0478	\$ 0.5567	\$ 0.2400	\$ 0.4828	\$ 0.0478	\$ 0.7707
Commercial/Industrial - G-56								
Customer Charge per Month per Meter	\$ 219.82		\$ 219.82	\$ 224.11			\$ 224.11	
Size of the first block	1000 therms			1000 therms				
Therms in the first block per month at	\$ 0.3110	\$ 0.2734	\$ 0.0478	\$ 0.6322	\$ 0.2297	\$ 0.4828	\$ 0.0478	\$ 0.7603
All therms over the first block per month at	\$ 0.2071	\$ 0.2734	\$ 0.0478	\$ 0.5283	\$ 0.1304	\$ 0.4828	\$ 0.0478	\$ 0.6610
Commercial/Industrial - G-57								
Customer Charge per Month per Meter	\$ 970.84		\$ 970.84	\$ 989.80			\$ 989.80	
All therms over the first block per month at	\$ 0.2174	\$ 0.2734	\$ 0.0478	\$ 0.5386	\$ 0.1063	\$ 0.4828	\$ 0.0478	\$ 0.6369
Commercial/Industrial - G-58								
Customer Charge per Month per Meter	\$ 970.84		\$ 970.84	\$ 989.80			\$ 989.80	
All therms over the first block per month at	\$ 0.0829	\$ 0.2734	\$ 0.0478	\$ 0.4042	\$ 0.0459	\$ 0.4828	\$ 0.0478	\$ 0.5765

30 CALCULATION OF FIRM SALES WINTER PERIOD COST OF GAS RATE - EXCLUDING KEENE CUSTOMERS

CALCULATION OF FIRM SALES COST OF GAS RATE			
PERIOD COVERED: WINTER PERIOD, NOVEMBER 1, 2019 THROUGH APRIL 30, 2020			
(Refer to Text in Section 16 Cost of Gas Clause)			
(Col 1)		(Col 2)	(Col 3)
Total Anticipated Direct Cost of Gas		\$ 52,211,274	
Projected Prorated Sales (11/01/19 - 04/30/20)		87,796,897	
Direct Cost of Gas Rate			\$ 0.5947 per therm
Demand Cost of Gas Rate	\$ 11,060,200	\$ 0.1260	per therm
Commodity Cost of Gas Rate	40,875,472	\$ 0.4656	per therm
Adjustment Cost of Gas Rate	275,601	\$ 0.0031	per therm
Total Direct Cost of Gas Rate	\$ 52,211,274	\$ 0.5947	per therm
Total Anticipated Indirect Cost of Gas		\$ 2,251,324	
Projected Prorated Sales (11/01/19 - 04/30/20)		87,796,897	
Indirect Cost of Gas			\$ 0.0256 per therm
TOTAL PERIOD AVERAGE COST OF GAS EFFECTIVE 11/01/19			\$ 0.6203 per therm
RESIDENTIAL COST OF GAS RATE - 11/01/19		COGwr	\$ 0.6203 /therm
Change in Rate due to change in under/over recovery			\$ (0.0550)
RESIDENTIAL COST OF GAS RATE - 01/01/2020		COGwr	\$ 0.5653 /therm
Change in Rate due to change in under/over recovery			\$ (0.1469)
RESIDENTIAL COST OF GAS RATE - 02/01/2020		COGwr	\$ 0.4184 /therm
Change in Rate due to change in under/over recovery			\$ (0.0685)
RESIDENTIAL COST OF GAS RATE - 03/01/2020		COGwr	\$ 0.3499 /therm
Change in Rate due to change in under/over recovery			\$ (0.0820)
RESIDENTIAL COST OF GAS RATE - 04/01/2020		COGwr	\$ 0.2679 /therm
		Maximum (COG + 25%)	\$ 0.7754
LOW INCOME RESIDENTIAL COST OF GAS RATE R-4 - 11/01/19		COGwr	\$ 0.3412 /therm
Change in Rate due to change in under/over recovery			\$ (0.0303)
LOW INCOME RESIDENTIAL COST OF GAS RATE R-4 - 01/01/2020		COGwr	\$ 0.3109 /therm
Change in Rate due to change in under/over recovery			\$ (0.0808)
LOW INCOME RESIDENTIAL COST OF GAS RATE R-4 - 02/01/2020		COGwr	\$ 0.2301 /therm
Change in Rate due to change in under/over recovery			\$ (0.0377)
LOW INCOME RESIDENTIAL COST OF GAS RATE R-4 - 03/01/2020		COGwr	\$ 0.1924 /therm
Change in Rate due to change in under/over recovery			\$ (0.0451)
LOW INCOME RESIDENTIAL COST OF GAS RATE R-4 - 04/01/2020		COGwr	\$ 0.1473 /therm
		Maximum (COG + 25%)	\$ 0.4265
C&I LOW WINTER USE COST OF GAS RATE - 11/01/19		COGwl	\$ 0.6258 /therm
Change in Rate due to change in under/over recovery			\$ (0.0550)
C&I LOW WINTER USE COST OF GAS RATE - 01/01/2020		COGwl	\$ 0.5708 /therm
Change in Rate due to change in under/over recovery			\$ (0.1469)
C&I LOW WINTER USE COST OF GAS RATE - 02/01/2020		COGwl	\$ 0.4239 /therm
Change in Rate due to change in under/over recovery			\$ (0.0685)
C&I LOW WINTER USE COST OF GAS RATE - 03/01/2020		COGwl	\$ 0.3554 /therm
Change in Rate due to change in under/over recovery			\$ (0.0820)
C&I LOW WINTER USE COST OF GAS RATE - 04/01/2020		COGwl	\$ 0.2734 /therm
Average Demand Cost of Gas Rate Effective 11/01/19	\$ 0.1260		
Times: Low Winter Use Ratio (Winter)	1.0465	Maximum (COG + 25%)	\$ 0.7823
Times: Correction Factor	0.9976		
Adjusted Demand Cost of Gas Rate	\$ 0.1315		
Commodity Cost of Gas Rate	\$ 0.4656		
Adjustment Cost of Gas Rate	\$ 0.0031		
Indirect Cost of Gas Rate	\$ 0.0256		
Adjusted C&I Low Winter Use Cost of Gas Rate	\$ 0.6258		
C&I HIGH WINTER USE COST OF GAS RATE - 11/01/19		COGwh	\$ 0.6190 /therm
Change in Rate due to change in under/over recovery			\$ (0.0550)
C&I HIGH WINTER USE COST OF GAS RATE - 01/01/2013		COGwh	\$ 0.5640 /therm
Change in Rate due to change in under/over recovery			\$ (0.1469)
C&I HIGH WINTER USE COST OF GAS RATE - 2/01/2013		COGwh	\$ 0.4171 /therm
Change in Rate due to change in under/over recovery			\$ (0.0685)
C&I HIGH WINTER USE COST OF GAS RATE - 3/01/2013		COGwh	\$ 0.3486 /therm
Change in Rate due to change in under/over recovery			\$ (0.0820)
C&I HIGH WINTER USE COST OF GAS RATE - 4/01/2013		COGwh	\$ 0.2666 /therm
Average Demand Cost of Gas Rate Effective 11/01/19	\$ 0.1260		
Times: High Winter Use Ratio (Winter)	0.9918	Maximum (COG + 25%)	\$ 0.7738
Times: Correction Factor	0.9976		
Adjusted Demand Cost of Gas Rate	\$ 0.1247		
Commodity Cost of Gas Rate	\$ 0.4656		
Adjustment Cost of Gas Rate	\$ 0.0031		
Indirect Cost of Gas Rate	\$ 0.0256		
Adjusted C&I High Winter Use Cost of Gas Rate	\$ 0.6190		

31. CALCULATION OF FIRM SALES AND FIXED WINTER PERIOD COST OF GAS RATE - KEENE CUSTOMERS

Calculation of the Cost of Gas Rate

Period Covered: Winter Period November 1, 2019 through April 30, 2020

Projected Gas Sales - therms		1,125,331
Total Anticipated Cost of Gas Sendout		\$1,246,677
Add: Prior Period Deficiency Uncollected Interest	\$0	\$0
Deduct: Prior Period Excess Collected Adjusting Entries May-August 2019 Interest	(\$164,410) (\$9,686) (\$4,407)	
Prior Period Adjustments and Interest		(\$178,503)
Total Anticipated Cost		\$1,068,174

<u>Cost of Gas Rate</u>	<u>Excluding Low Income</u>	<u>Low Income</u>
Non-Fixed Price Option Cost of Gas Rate - Beginning Period (per therm)	\$0.9492	\$0.5221
Fixed Price Option Premium	\$0.0200	\$0.0110
Fixed Price Option Cost of Gas Rate (per therm)	\$0.9692	\$0.5331
Non-Fixed Price Option Cost of Gas Rate - Beginning Period (per therm)	\$0.9492	\$0.5221
Mid Period Adjustment - January 2020	\$0.0194	\$0.0107
Mid Period Adjustment - February 2020	(\$0.0334)	(\$0.0184)
Mid Period Adjustment - March 2020	(\$0.2446)	(\$0.1345)
Mid Period Adjustment - April 2020	(\$0.2498)	(\$0.1374)
	\$0.4408	\$0.2424
Pursuant to tariff section 17(d), the Company may adjust the approved cost of gas rate upward on a monthly basis to the following rate:		
Maximum Cost of Gas Rate - Non-Fixed Price Option (per therm)	\$1.1865	\$0.6526

35 LOCAL DISTRIBUTION ADJUSTMENT CLAUSE CALCULATION

Local Delivery Adjustment Clause Calculation

		Sales Customers	Transportation Customers
Residential Non Heating Rates - R-1, R-5			
Energy Efficiency Charge	\$ 0.0640		
Demand Side Management Charge	0.0000		
Conservation Charge (CCx)	\$ 0.0640		
Relief Holder and pond at Gas Street, Concord, NH	0.0000		
Manufactured Gas Plants	0.0153		
Environmental Surcharge (ES)		0.0153	
Revenue Decoupling Adjustment Factor (RDAF)		(0.0623)	
Energy Efficiency Resource Standard Lost Revenue Mechanism		0.0001	
Rate Case Expense Factor (RCEF)		0.0017	
Residential Low Income Assistance Program (RLIAP)		0.0123	
LDAC	\$ 0.0310		per therm
Residential Heating Rates - R-3, R-4, R-6, R-7			
Energy Efficiency Charge	\$ 0.0640		
Demand Side Management Charge	0.0000		
Conservation Charge (CCx)	\$ 0.0640		
Relief Holder and pond at Gas Street, Concord, NH	0.0000		
Manufactured Gas Plants	0.0153		
Environmental Surcharge (ES)		0.0153	
Revenue Decoupling Adjustment Factor (RDAF)		(0.0623)	
Energy Efficiency Resource Standard Lost Revenue Mechanism		0.0001	
Rate Case Expense Factor (RCEF)		0.0017	
Residential Low Income Assistance Program (RLIAP)		0.0123	
LDAC	\$ 0.0310		per therm
Commercial/Industrial Low Annual Use Rates - G-41, G-51, G-44, G-55			
Energy Efficiency Charge	\$0.0426		
Demand Side Management Charge	0.0000		
Conservation Charge (CCx)	\$ 0.0426	\$ 0.0426	
Relief Holder and pond at Gas Street, Concord, NH	0.0000		
Manufactured Gas Plants	0.0153		
Environmental Surcharge (ES)		0.0153	0.0153
Revenue Decoupling Adjustment Factor (RDAF)		(0.0241)	(0.0241)
Energy Efficiency Resource Standard Lost Revenue Mechanism		0.0001	0.0001
Rate Case Expense Factor (RCEF)		0.0017	0.0017
Residential Low Income Assistance Program (RLIAP)		0.0123	0.0123
LDAC	\$ 0.0478	\$ 0.0478	per therm
Commercial/Industrial Medium Annual Use Rates - G-42, G-52, G-45, G-56			
Energy Efficiency Charge	\$0.0426		
Demand Side Management Charge	0.0000		
Conservation Charge (CCx)	\$0.0426	\$0.0426	
Relief Holder and pond at Gas Street, Concord, NH	0.0000		
Manufactured Gas Plants	0.0153		
Environmental Surcharge (ES)		0.0153	0.0153
Revenue Decoupling Adjustment Factor (RDAF)		(0.0241)	(0.0241)
Energy Efficiency Resource Standard Lost Revenue Mechanism		0.0001	0.0001
Rate Case Expense Factor (RCEF)		0.0017	0.0017
Residential Low Income Assistance Program (RLIAP)		0.0123	0.0123
LDAC	\$ 0.0478	\$ 0.0478	per therm
Commercial/Industrial Large Annual Use Rates - G-43, G-53, G-54, G-46, G-56, G-57, G-58			
Energy Efficiency Charge	\$ 0.0426		
Demand Side Management Charge	0.0000		
Conservation Charge (CCx)	\$0.0426	\$0.0426	
Relief Holder and pond at Gas Street, Concord, NH	0.0000		
Manufactured Gas Plants	0.0153		
Environmental Surcharge (ES)		0.0153	0.0153
Revenue Decoupling Adjustment Factor (RDAF)		(0.0241)	(0.0241)
Energy Efficiency Resource Standard Lost Revenue Mechanism		0.0001	0.0001
Rate Case Expense Factor (RCEF)		0.0017	0.0017
Residential Low Income Assistance Program (RLIAP)		0.0123	0.0123
LDAC	\$ 0.0478	\$ 0.0478	per therm

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VI. RATE SCHEDULES

RATE SCHEDULE R-10 - LOW INCOME RESIDENTIAL HEATING SERVICE

(continued)

RATE – MONTHLY

Customer Charge				\$8.88 per month
Summer	-	First 50 therms	@	\$0.2440 per therm
	-	Excess 50 therms	@	\$0.2440 per therm
Winter	-	First 50 therms	@	\$0.2768 per therm
	-	Excess 50 therms	@	\$0.2768 per therm

LOW INCOME DISCOUNT ADJUSTMENT

Effective November 1, 2020, customers taking service under this rate schedule will receive a 45% discount off the customer charge as well as the distribution rate and cost of gas rate during the winter period. The discount does not apply during the summer period and does not apply to the Local Delivery Adjustment Charge.

MINIMUM BILL

The minimum monthly bill for gas service will be the Customer Charge Per Month.

COST OF GAS FACTOR AND LOCAL DELIVERY ADJUSTMENT CLAUSE

The provisions of the Company's Cost of Gas Charge, Part IV, and the Local Delivery Adjustment Charge, Part V, apply to gas sold under this rate schedule.

DEFINITIONS

Summer - Defined as being the Company's billing cycles May through October.

Winter - Defined as being the Company's billing cycles November through April.

Issued: May 9, 2018
Effective: May 1, 2018

: Issued By: 
Title Senior Vice President

Authorized by NHPUC Order No. 26,169 in Docket No. DG 17-070, dated May 2, 2018.

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**NORTHERN UTILITIES - NEW HAMPSHIRE DIVISION
WINTER SEASON RESIDENTIAL RATES**

Winter Season November 2019 - April 2020		Tariff Rates	Total Delivery Rates (Includes LDAC)	Total Billed Rates Tariff Rates, LDAC Plus Cost of Gas
Residential Heating	<u>Tariff Rate R 5:</u> Monthly Customer Charge First 50 therms All usage over 50 therms LDAC <u>Gas Cost Adjustment:</u> Cost of Gas	\$22.20 \$0.6920 \$0.6920 \$0.0706 \$0.5626	\$22.20 \$0.7626 \$0.7626	\$22.20 \$1.3252 \$1.3252
Residential Heating Low Income	<u>Tariff Rate R 10:</u> Monthly Customer Charge First 50 therms All usage over 50 therms LDAC <u>Gas Cost Adjustment:</u> Cost of Gas	\$22.20 \$0.6920 \$0.6920 \$0.0706 \$0.5626	\$22.20 \$0.7626 \$0.7626	\$22.20 \$1.3252 \$1.3252
45% Low Income Discount 45% Low Income Discount 45% Low Income Discount No Discount 45% Low Income Discount	Monthly Customer Charge First 50 therms All usage over 50 therms LDAC <u>Gas Cost Adjustment:</u> Cost of Gas	(\$9.99) (\$0.3114) (\$0.3114) \$0.0000 (\$0.2532)	(\$9.99) (\$0.3114) (\$0.3114)	(\$9.99) (\$0.5646) (\$0.5646)
Residential Non-Heating	<u>Tariff Rate R 6:</u> Monthly Customer Charge First 10 therms All usage over 10 therms LDAC <u>Gas Cost Adjustment:</u> Cost of Gas	\$22.20 \$0.6470 \$0.6470 \$0.0706 \$0.5626	\$22.20 \$0.7176 \$0.7176	\$22.20 \$1.2802 \$1.2802

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 Authorized by NHPUC Order No. 26,303 in Docket No. DG 19-154, dated October 29, 2019

Issued By: **Christine Vaughan**
 Title: **Senior Vice President**

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NORTHERN UTILITIES, INC.

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Superseding Sixth Revised Page 86

NORTHERN UTILITIES - NEW HAMPSHIRE DIVISION
SUMMER SEASON RESIDENTIAL RATES

Summer Season July 2020 - October 2020		Tariff Rates	Total Delivery Rates (Includes LDAC)	Total Billed Rates Tariff Rates, LDAC Plus Cost of Gas
Residential Heating	Tariff Rate R 5: Monthly Customer Charge First 50 therms All usage over 50 therms LDAC Gas Cost Adjustment: Cost of Gas	\$22.20 \$0.6099 \$0.6099 \$0.0706 \$0.1496	\$22.20 \$0.6805 \$0.6805	\$22.20 \$0.8301 \$0.8301
Residential Heating Low Income	Tariff Rate R 10: Monthly Customer Charge First 50 therms All usage over 50 therms LDAC Gas Cost Adjustment: Cost of Gas	\$22.20 \$0.6099 \$0.6099 \$0.0706 \$0.1496	\$22.20 \$0.6805 \$0.6805	\$22.20 \$0.8301 \$0.8301
<u>No Discount*</u>	<u>Monthly Customer Charge</u>	<u>\$0.00</u>	<u>\$0.00</u>	<u>\$0.00</u>
<u>No Discount*</u>	<u>First 50 therms</u>	<u>\$0.0000</u>	<u>\$0.0000</u>	<u>\$0.0000</u>
<u>No Discount*</u>	<u>All usage over 50 therms</u>	<u>\$0.0000</u>	<u>\$0.0000</u>	<u>\$0.0000</u>
<u>No Discount</u>	LDAC	<u>\$0.0000</u>		
<u>No Discount*</u>	Gas Cost Adjustment:			
	<u>Cost of Gas</u>	\$0.0000		
Residential Non-Heating	Tariff Rate R 6: Monthly Customer Charge First 10 therms All usage over 10 therms LDAC Gas Cost Adjustment: Cost of Gas	\$22.20 \$0.6470 \$0.6470 \$0.0706 \$0.1496	\$22.20 \$0.7176 \$0.7176	\$22.20 \$0.8672 \$0.8672

*: [Discount applicable to winter months November through April only.](#)

Issued: June 23, 2020

Effective: With Service Rendered On and After July 1, 2020

Authorized by NHPUC Order No. 26,303, in Docket No. DG 19-154, dated October 29, 2019.

Issued by: Laurence M. Brock

Title: Senior Vice President