
Anthony D. Kanagy
Principal

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File #: 157181

September 30, 2021

VIA ELECTRONIC FILING

Rosemary Chiavetta, Secretary
Pennsylvania Public Utility Commission
Commonwealth Keystone Building
400 North Street, 2nd Floor North
P.O. Box 3265
Harrisburg, PA 17105-3265

**Re: National Fuel Gas Distribution Corporation Supplement No. 228 to Tariff Gas - Pa.
P.U.C. No. 9
Docket No. R-2021-3027406**

Dear Secretary Chiavetta:

Enclosed for filing on behalf of National Fuel Gas Distribution Corporation (“Distribution” or “Company”) is Supplement No. 232 to Tariff Gas Pa. P.U.C. No. 9 (“Supplement No. 232”). In Supplement No. 232, Distribution is updating several tariff pages that were approved by the Pennsylvania Public Utility Commission (“Commission”) in Tariff Supplement No. 228, which was the Company’s Other Post Employment Benefit filing. The cover page, and pages 2, 4, 5, 6, 7 and 7A are being updated to reflect revised page numbering. Pages 36, 41, 41A, 42, 53, 55, 65, 76, 100, 101, 120 and 121 are being updated to reflect gas cost changes as of August 1, 2021. In addition, page 171 is being revised to correct a minor error in the calculation of the sur-credit rates. Specifically, in the calculation of the sur-credit rates in Supplement No. 228, minimum charge revenue for transportation customers was inadvertently included in sales customers’ revenues. This created an inaccurate allocation of the surcredit rates between the sales and transportation customers of the same class. The corrected sur-credit rates are included in page 171.

Please direct any questions regarding this filing to the undersigned.

Rosemary Chiavetta, Secretary
September 30, 2021
Page 2

Respectfully submitted,

A handwritten signature in blue ink, appearing to read "Anthony D. Kanagy". The signature is fluid and cursive, with a large initial "A" and "K".

Anthony D. Kanagy

ADK/kl
Enclosure

cc: Paul Diskin
Certificate of Service

CERTIFICATE OF SERVICE

I hereby certify that a true and correct copy of the foregoing has been served upon the following persons, in the manner indicated, in accordance with the requirements of § 1.54 (relating to service by a participant).

VIA E MAIL

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Date: September 30, 2021



Anthony D. Kanagy

**NATIONAL FUEL GAS DISTRIBUTION CORPORATION
BUFFALO, NEW YORK
RATES, RULES AND REGULATIONS
GOVERNING THE FURNISHING
OF
NATURAL GAS SERVICE
IN
TERRITORY DESCRIBED HEREIN**

Issued: September 30, 2021

Effective: October 1, 2021

D. L. DeCAROLIS, PRESIDENT
BUFFALO, NEW YORK

This Supplement includes decreases and changes to existing rates.

See page 2.

LIST OF CHANGES MADE BY THIS TARIFF

CHANGE:

1. Tariff Supplement No. 232 establishes a negative surcharge, on a per Mcf basis, and one-time bill credit by service class effective October 1, 2021. This temporary surcharge has been established to implement the pass-back of an Other Post-Employment Benefit ("OPEB") regulatory liability.
Page 171

DECREASE:

2. The Natural Gas Supply Charge for Residential, Commercial and Public Authority, Small Volume Industrial, Intermediate Volume Industrial, Large Volume Industrial and Large Industrial Service Classes decrease.
Pages 36A, 41, 41A, 42, 53, 55, 66 and 76A.
3. Monthly Metered Transportation rates decrease.
Pages 100 and 101.
4. SATC rates decrease.
Pages 120 and 121

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RESIDENTIAL SERVICE RATE SCHEDULE

RESIDENTIAL CLASSIFICATION

This classification shall include gas supplied for residential purposes such as a private dwelling, apartment house with a single meter supplying four or less dwelling units, separately metered apartments of a multiple dwelling, accessory buildings to dwellings or apartment houses such as garages, except at residences receiving service under Rate Schedule LIRAS for Low Income Residential Assistance Service and other places of residence where gas is used for residential purposes.

Churches and missions (places of worship) shall be entitled to Service under the Residential service rate schedule.

AVAILABILITY OF SERVICE

Gas Service shall be available at one location, except as otherwise provided, for residential customers.

APPLICABILITY

Applicable in all areas served under this tariff.

MONTHLY RATE

Basic Service Charge

\$12.00 per Month

Distribution Charges

31.855¢ per 100 cubic feet for the first 5,000 cubic feet (D)

22.704¢ per 100 cubic feet for all over 5,000 cubic feet (D)

Gas Adjustment Charge

0.229¢ per 100 cubic feet

Purchased Gas Cost Component
(Rider A)

0.005¢ per 100 cubic feet

Merchant Function Charge
(Rider G)

0.234¢ Per 100 cubic feet

Total Gas Adjustment Charge

(D) Indicates Decrease

(I) Indicates Increase

COMMERCIAL AND PUBLIC AUTHORITY SERVICE RATE SCHEDULE (cont.)

APPLICABILITY

Applicable in all areas served under this tariff.

MONTHLY RATE

For "Small" Commercial/Public Authority Customers using not more than 250,000 cubic feet per year:

Basic Service Charge			
\$19.89	per Month		
Distribution Charges			
27.470¢	per 100 cubic feet for the first 5,000 cubic feet		(D)
24.472¢	per 100 cubic feet for all over 5,000 cubic feet		(D)
Gas Adjustment Charge			
0.229¢	per 100 cubic feet	Purchased Gas Cost Component (Rider A)	
<u>0.001¢</u>	per 100 cubic feet	Merchant Function Charge (Rider G)	
0.230¢	per 100 cubic feet	Total Gas Adjustment Charge	
Natural Gas Supply Charge			
47.276¢	per 100 cubic feet	Purchased Gas Cost Component (Rider A)	
0.108¢	per 100 cubic feet	Merchant Function Charge (Rider G)	
<u>1.050¢</u>	per 100 cubic feet	Gas Procurement Charge (Rider H)	
48.434¢	per 100 cubic feet	Total Natural Gas Supply Charge	

The Natural Gas Supply Charge shall include a Merchant Function Charge (Rider G) to recover uncollectible costs associated with purchase gas costs of 0.2285% and the Gas Procurement Charge (Rider H) to recover costs of procuring natural gas pursuant to 52 Pa. Code §62.223.

The above rates shall be subject to surcharges in accordance with the provisions of Rider B - State Tax Adjustment Surcharge as set forth in this tariff.

(D) Indicates Decrease

(I) Indicates Increase

COMMERCIAL AND PUBLIC AUTHORITY SERVICE RATE SCHEDULE (Cont'd)

For "Small" Commercial/Public Authority Customers using greater than 250,000 cubic feet but not more than 1,000,000 cubic feet per year:

Basic Service Charge		
\$27.53	per Month	
Distribution Charges		
21.797¢	per 100 cubic feet for the first 20,000 cubic feet	(D)
20.457¢	per 100 cubic feet for all over 20,000 cubic feet	(D)
Gas Adjustment Charge		
0.229¢	per 100 cubic feet	Purchased Gas Cost Component (Rider A)
<u>0.001¢</u>	per 100 cubic feet	Merchant Function Charge (Rider G)
0.230¢	per 100 cubic feet	Total Gas Adjustment Charge
Natural Gas Supply Charge		
47.276¢	per 100 cubic feet	Purchased Gas Cost Component (Rider A)
0.108¢	per 100 cubic feet	Merchant Function Charge (Rider G)
<u>1.050¢</u>	per 100 cubic feet	Gas Procurement Charge (Rider H)
48.434¢	per 100 cubic feet	Total Natural Gas Supply Charge

The Natural Gas Supply Charge shall include a Merchant Function Charge (Rider G) to recover uncollectible costs associated with purchase gas costs of 0.2285% and the Gas Procurement Charge (Rider H) to recover costs of procuring natural gas pursuant to 52 Pa. Code §62.223.

The above rates shall be subject to surcharges in accordance with the provisions of Rider B - State Tax Adjustment Surcharge as set forth in this tariff.

(D) Indicates Decrease

(I) Indicates Increase

Commercial and Public Authority Service Rate Schedule (Cont'd)

For "Large" Commercial/Public Authority Customers:

Basic Service Charge		
\$121.01	per Month	
Distribution Charges		
17.270¢	per 100 cubic feet for the first 300,000 cubic feet	(D)
16.164¢	per 100 cubic feet for the next 1,700,000 cubic feet	(D)
15.020¢	per 100 cubic feet for all over 2,000,000 cubic feet	
Gas Adjustment Charge		
0.229¢	per 100 cubic feet	Purchased Gas Cost Component (Rider A)
<u>0.001¢</u>	per 100 cubic feet	Merchant Function Charge (Rider G)
0.230¢	per 100 cubic feet	Total Gas Adjustment Charge
Natural Gas Supply Charge		
47.276¢	per 100 cubic feet	Purchased Gas Cost Component (Rider A)
0.108¢	per 100 cubic feet	Merchant Function Charge (Rider G)
<u>1.050¢</u>	per 100 cubic feet	Gas Procurement Charge (Rider H)
48.434¢	per 100 cubic feet	Total Natural Gas Supply Charge

The Natural Gas Supply Charge shall include a Merchant Function Charge (Rider G) to recover uncollectible costs associated with purchase gas costs of 0.2285% and the Gas Procurement Charge (Rider H) to recover costs of procuring natural gas pursuant to 52 Pa. Code §62.223.

The above rates shall be subject to surcharges in accordance with the provisions of Rider B - State Tax Adjustment Surcharge as set forth in this tariff.

APPLICATION PERIOD

The Application Period shall be the twelve months beginning March 1 of each year.

RULES AND REGULATIONS

The Rules and Regulations set forth in this tariff shall govern, where applicable, the supply of gas service under this rate schedule.

(D) Indicates Decrease

(I) Indicates Increase

SVIS
Small Volume Industrial Service Rate Schedule (Cont'd)

MONTHLY RATE

Basic Service Charge			
\$65.60	per Month		
Distribution Charges			
23.539¢	per 100 cubic feet		(D)
Gas Adjustment Charge			
0.229¢	per 100 cubic feet	Purchased Gas Cost Component (Rider A)	
<u>0.001¢</u>	per 100 cubic feet	Merchant Function Charge (Rider G)	
0.230¢	per 100 cubic feet	Total Gas Adjustment Charge	
Natural Gas Supply Charge			
47.276¢	per 100 cubic feet	Purchased Gas Cost Component (Rider A)	
0.108¢	per 100 cubic feet	Merchant Function Charge (Rider G)	
<u>1.050¢</u>	per 100 cubic feet	Gas Procurement Charge (Rider H)	
48.434¢	per 100 cubic feet	Total Natural Gas Supply Charge	

The Natural Gas Supply Charge shall include a Merchant Function Charge (Rider G) to recover uncollectible costs associated with purchase gas costs of 0.2285% and the Gas Procurement Charge (Rider H) to recover costs of procuring natural gas pursuant to 52 Pa. Code §62.223.

The above rates shall be subject to surcharges in accordance with the provisions of Rider B - State Tax Adjustment Surcharge.

APPLICATION PERIOD

The Application Period shall be the twelve months beginning March 1 of each year.

RULES AND REGULATIONS

The Rules and Regulations set forth in this tariff shall govern, where applicable, the supply of gas service under this rate schedule.

(D) Indicates Decrease

(I) Indicates Increase

IVIS
INTERMEDIATE VOLUME INDUSTRIAL SERVICE RATE SCHEDULE (Cont'd)
MONTHLY RATE

Basic Service Charge
\$201.91 per Month

Distribution Charges
17.681¢ per 100 cubic feet for the first 100,000 cubic feet (D)
13.725¢ per 100 cubic feet for the next 1,900,000 cubic feet (D)
10.629¢ per 100 cubic feet for all over 2,000,000 cubic feet (D)

Gas Adjustment Charge
0.229¢ per 100 cubic feet Purchased Gas Cost Component (Rider A)
0.001¢ per 100 cubic feet Merchant Function Charge (Rider G)
0.230¢ per 100 cubic feet Total Gas Adjustment Charge

Natural Gas Supply Charge
47.276¢ per 100 cubic feet Purchased Gas Cost Component (Rider A)
0.108¢ per 100 cubic feet Merchant Function Charge (Rider G)
1.050¢ per 100 cubic feet Gas Procurement Charge (Rider H)
48.434¢ per 100 cubic feet Total Natural Gas Supply Charge

The Natural Gas Supply Charge shall include a Merchant Function Charge (Rider G) to recover uncollectible costs associated with purchase gas costs of 0.2285% and the Gas Procurement Charge (Rider H) to recover costs of procuring natural gas pursuant to 52 Pa. Code §62.223.

The above rates shall be subject to surcharges in accordance with the provisions of Rider B - State Tax Adjustment Surcharge as set forth in this tariff.

APPLICATION PERIOD

The Application Period shall be the twelve months beginning March 1 of each year.

RULES AND REGULATIONS

The rules and regulations set forth in this tariff shall govern, where applicable, the supply of gas service under this rate schedule.

(D) Indicates Decrease

(I) Indicates Increase

LVIS

Large Volume Industrial Service (Cont'd)

- C. An Industrial Customer, for which the Company estimates that the total volumes of gas purchased from the Company or transported by the Company during the next succeeding twelve months will be not less than 50,000 Mcf, if the Industrial Customer has used total volumes of gas in at least one billing month of not less than 4,167 Mcf, even if the Customer disagrees with the Company's estimate.
- D. An Industrial Customer for which the Company estimates that total volumes of gas to be used by the customer during the next succeeding twelve months will not be less than 50,000 Mcf of gas per year whether the gas is purchased by the Industrial Customer from the Company, delivered by the Company to the Industrial Customer, or obtained by the customer from another source.

An Industrial Customer that meets the above criteria under this rate schedule at the beginning of an Application Period is required to continue to be subject to this rate schedule during all months of such Application Period. An Industrial Customer that meets the above criteria under this rate schedule during an Application Period is required to continue to be subject to this rate schedule during all or remaining months of such Application Period.

MONTHLY RATE

Basic Service Charge
\$809.00 per Month

Distribution Charges

13.175¢	per 100 cubic feet for the first 100,000 cubic feet	(D)
11.440¢	per 100 cubic feet for the next 1,900,000 cubic feet	(D)
9.447¢	per 100 cubic feet for the next 18,000,000 cubic feet	(D)
8.138¢	per 100 cubic feet for all over 20,000,000 cubic feet	(D)

Gas Adjustment Charge

0.229¢	per 100 cubic feet	Purchased Gas Cost Component (Rider A)
<u>0.001¢</u>	per 100 cubic feet	Merchant Function Charge (Rider G)
0.230¢	Per 100 cubic feet	Total Gas Adjustment Charge

(D) Indicates Decrease

(I) Indicates Increase

LIS

Large Industrial Service (Cont'd)

- C. An Industrial Customer, for which the Company estimates that the total volumes of gas purchased from the Company or transported by the Company during the next succeeding twelve months will be not less than 200,000 Mcf, if the Industrial Customer has used total volumes of gas in at least one billing month of not less than 17,000 Mcf, even if the Customer disagrees with the Company's estimate.

An Industrial Customer that meets the above criteria under this rate schedule at the beginning of an Application Period is required to continue to be subject to this rate schedule during all months of such Application Period. An Industrial Customer that meets the above criteria under this rate schedule during an Application Period is required to continue to be subject to this rate schedule during all or remaining months of such Application Period.

MONTHLY RATE

Basic Service Charge

\$1,029.00 per Month

Distribution Charges

11.243¢	per 100 cubic feet for the first 100,000 cubic feet	(D)
9.469¢	per 100 cubic feet for the next 1,900,000 cubic feet	(D)
7.429¢	per 100 cubic feet for the next 18,000,000 cubic feet	(D)
6.090¢	per 100 cubic feet for all over 20,000,000 cubic feet	(D)

Gas Adjustment Charge

0.229¢	per 100 cubic feet	Purchased Gas Cost Component (Rider A)
0.001¢	per 100 cubic feet	Merchant Function Charge (Rider G)
0.230¢	per 100 cubic feet	Total Gas Adjustment Charge

(D) Indicates Decrease

(I) Indicates Increase

RATE SCHEDULE FOR MONTHLY METERED TRANSPORTATION SCHEDULE (cont'd)

MONTHLY RATES

Commodity Rates

The commodity rates set forth below contain a component, presently \$0.3800 per Mcf, for recovery of purchased gas costs.

For transportation of gas to Residential Customers, the monthly rate for transportation of gas both within and outside the Commonwealth of Pennsylvania shall be:

\$2.8358 Mcf (D)

For transportation of gas to Commercial and Public Authority Customers, the monthly rate for transportation of gas produced within the Commonwealth of Pennsylvania shall be:

\$2.8058 per Mcf for Small Commercial/Public Authority using not more than 250 Mcf per year (D)

\$2.3201 per Mcf for Small Commercial/Public Authority using greater than 250 Mcf but not more than 1,000 Mcf per year (D)

\$1.7596 per Mcf for Large Commercial/Public Authority (D)

For transportation of gas to Commercial and Public Authority Customers, the monthly rate for transportation of gas produced outside the Commonwealth of Pennsylvania shall be:

\$2.8058 per Mcf for Small Commercial/Public Authority using not more than 250 Mcf per year (D)

\$2.3201 per Mcf for Small Commercial/Public Authority using greater than 250 Mcf but not more than 1,000 Mcf per year (D)

\$1.7596 per Mcf for Large Commercial/Public Authority (D)

For transportation of gas to Small Volume Industrial Customers, the monthly rate for transportation of gas produced within the Commonwealth of Pennsylvania shall be:

\$2.5773 per Mcf for SVIS Customers (D)

For transportation of gas to Small Volume Industrial Customers, the monthly rate for transportation of gas produced outside the Commonwealth of Pennsylvania shall be:

\$2.5773 per Mcf for SVIS Customers (D)

(D) Indicates Decrease

(I) Indicates Increase

RATE SCHEDULE FOR MONTHLY METERED TRANSPORTATION SCHEDULE (cont'd)

For transportation of gas to Intermediate Volume Industrial Customers, the monthly rate for transportation of gas produced within the Commonwealth of Pennsylvania shall be:

\$1.4520 per Mcf for IVIS Customers (D)

For transportation of gas to Intermediate Volume Industrial Customers, the monthly rate for transportation of gas produced outside the Commonwealth of Pennsylvania shall be:

\$1.4520 per Mcf for IVIS Customers (D)

For transportation of gas to Large Volume Industrial Customers and any entity that is not a Gas Service Customer, the monthly rate for transportation of gas produced within the Commonwealth of Pennsylvania shall be:

\$1.1845 per Mcf (D)

For transportation of gas to Large Volume Industrial Customers and any entity that is not a Gas Service Customer, the monthly rate for transportation of gas produced outside the Commonwealth of Pennsylvania shall be:

\$1.1845 per Mcf (D)

For transportation of gas to Large Industrial Customers, the monthly rate for transportation of gas produced within the Commonwealth of Pennsylvania shall be:

\$0.8639 per Mcf (D)

For transportation of gas to Large Industrial Customers, the monthly rate for transportation of gas produced outside the Commonwealth of Pennsylvania shall be:

\$0.8639 per Mcf (D)

Provided, however, that the Company, in its sole discretion, may reduce by contract the portion of the above rates applicable to the Customer that are for recovery of gas or the portion of the rate for recovery of non-gas costs of service if it is reasonably necessary to do so to meet competition from another supplier of energy including gas from another supplier of gas that has constructed, or could construct, facilities to deliver supplies of gas to a MMT Customer of the Company without use of the Company's facilities or another transportation of gas. The Company may also reduce or eliminate the compensation for line losses provided for in Special Provisions paragraph B of this rate schedule in order to meet the competitive circumstances for alternate fuels or bypass situations cited above excluding competition from other Pennsylvania local distribution companies. The Company will reduce the applicable rate only if:

- (a) Either (1) the MMT Customer has facilities in place and operable to use an alternative fuel or obtain gas from an alternative supplier or (2) in the Company's judgment, such facilities would be constructed;

(D) Indicates Decrease

(I) Indicates Increase

RATE SCHEDULE SATC
SMALL AGGREGATION TRANSPORTATION CUSTOMER SERVICE (Cont.)

1. Residential Transportation Rates

SATC Customers that meet the qualifications under the Residential Service Rate Schedule classification:

Rates per Residential SATC Customer per Month:

\$12.00	Basic Service Charge	
\$0.31855	per 100 cubic feet for the first 5,000 cubic feet	(D)
\$0.22704	per 100 cubic feet for all over 5,000 cubic feet	(D)

2. Commercial and Public Authority Transportation Rates

SATC Customers that meet the qualifications under the Commercial and Public Authority Service Rate Schedule classification:

a. Rates per Commercial/Public Authority customer per month for "Small" Commercial/Public Customers using not more than 250,000 cubic feet per year:

\$19.89	Basic Service Charge	
\$0.27470	per 100 cubic feet for the first 5,000 cubic feet	(D)
\$0.24472	per 100 cubic feet for all over 5,000 cubic feet	(D)

b. Rates per Commercial/Public Authority customer per month for "Small" Commercial/Public Customers using greater than 250,000 cubic feet but not more than 1,000,000 cubic feet per year:

\$27.53	Basic Service Charge	
\$0.21797	per 100 cubic feet for the first 20,000 cubic feet	(D)
\$0.20457	per 100 cubic feet for all over 20,000 cubic feet	(D)

c. Rates per Commercial/Public Authority customer per month for "Large" Commercial/Public Customers:

\$121.01	Basic Service Charge	
\$0.17270	per 100 cubic feet for the first 300,000 cubic feet	(D)
\$0.16164	per 100 cubic feet for the next 1,700,000 cubic feet	(D)
\$0.15020	per 100 cubic feet for all over 2,000,000 cubic feet	

(D) Indicates Decrease

(I) Indicates Increase

RATE SCHEDULE SATC
SMALL AGGREGATION TRANSPORTATION CUSTOMER SERVICE (Cont.)

3. Small Volume Industrial Service Transportation Rates

SATC Customers that meet the qualifications under the Small Volume Industrial Service Rate Schedule classification:

Rates per Small Volume Industrial Service SATC Customer per Month:

\$65.60	Basic Service Charge	
\$0.23539	per 100 cubic feet	(D)

4. Intermediate Volume Industrial Service Transportation Rates

SATC Customers that meet the qualifications under the Intermediate Volume Industrial Service Rate Schedule classification:

Rates per Intermediate Volume Industrial Service SATC Customer per Month:

\$201.91	Basic Service Charge	
\$0.17681	per 100 cubic feet for the first 100,000 cubic feet	(D)
\$0.13725	per 100 cubic feet for the next 1,900,000 cubic feet	(D)
\$0.10629	per 100 cubic feet for all over 2,000,000 cubic feet	(D)

B. Miscellaneous Customer Surcharges

1. Residential rates shall be subject to surcharges in accordance with Rider F - LIRA Discount Charge as set forth in this tariff.

2. The above SATC rates shall be subject to surcharges in accordance with provisions of Rider B - State Tax Adjustment Surcharge.

(C) Indicates Change

(D) Indicates Decrease

(I) Indicates Increase

Issued: September 30, 2021

Effective: October 1, 2021

RIDER I OPEB TEMPORARY SURCREDIT

Effective October 1, 2021, a one-time bill credit will be applied and a surcredit will be included in the rates subject to this Rider to provide for the pass back of funds collected previously for Other Post Retirement Benefits ("OPEB") expenses that have been deferred for the benefit of ratepayers as a regulatory liability in accordance with the settlement order in Docket # R-00061493.

\$25,000,000 of the OPEB regulatory liability has been reserved to pass back to customers as a one-time bill credit. The bill credit will be applied to customers' bills for active accounts as of October 1, 2021 and in the following amounts per class:

Residential	\$100
C/PA	\$250
Industrial	\$1,500

An additional \$25,000,000 of the OPEB regulatory liability has been reserved to pass back via a surcredit over 5-years (\$5,000,000 per year). The surcredit will apply as a credit to all customer bills at a set allocation percentage equal to the allocation percentage of the Company's base rate increase in Docket # R-00061493 among the various customer classes, exclusive of STAS and automatic adjustment clause revenues, for bills rendered for intrastate service on and after October 1, 2021. The surcredit will be applied on a per Mcf basis, by service class, as indicated in the table below. The surcredit will continue for a period of 5 years without reconciliation. Interest is not applicable to the OPEB balance. The OPEB Temporary Surcredit will be filed with the Commission by October 1 of each year and will be recalculated annually during the 5-year period.

Service Class	Refund Rate Effective 10/1/21
Sales & SATC	
Residential (RSS & LIRA)	(\$0.20401)
Small Comm./Public Authority < 250	(\$0.13085)
Small Comm./Public Authority > 250	(\$0.02116)
Large Comm./Public Authority	(\$0.12197)
Small Volume Industrial Service	(\$0.02902)
Intermediate Vol. Industrial Service	(\$0.02501)
MMT & DMT	
Residential	(\$0.14199)
Small Comm./Public Authority < 250	(\$0.11948)
Small Comm./Public Authority > 250	(\$0.02120)
Large Comm./Public Authority	(\$0.06576)
Small Volume Industrial Service	(\$0.04955)
Intermediate Vol. Industrial Service	(\$0.02179)
Large Volume Industrial Service	(\$0.02491)
Large Industrial Service	(\$0.00446)

REDLINED VERSION

NATIONAL FUEL GAS
DISTRIBUTION CORPORATION

Supplement No. 232 to
Gas - Pa. P.U.C. No. 9

One-Hundred-Third Revised Page No. 36

~~Canceling Hundred-First and One-Hundred-Second Revised Page No. 36~~

RESIDENTIAL SERVICE RATE SCHEDULE

RESIDENTIAL CLASSIFICATION

This classification shall include gas supplied for residential purposes such as a private dwelling, apartment house with a single meter supplying four or less dwelling units, separately metered apartments of a multiple dwelling, accessory buildings to dwellings or apartment houses such as garages, except at residences receiving service under Rate Schedule LIRAS for Low Income Residential Assistance Service and other places of residence where gas is used for residential purposes.

Churches and missions (places of worship) shall be entitled to Service under the Residential service rate schedule.

AVAILABILITY OF SERVICE

Gas Service shall be available at one location, except as otherwise provided, for residential customers.

APPLICABILITY

Applicable in all areas served under this tariff.

MONTHLY RATE

Basic Service Charge

\$12.00 per Month

Distribution Charges

~~31.855¢~~ per 100 cubic feet for the first 5,000 cubic feet (D)

~~22.704¢~~ per 100 cubic feet for all over 5,000 cubic feet (D)

Gas Adjustment Charge

0.229¢ per 100 cubic feet Purchased Gas Cost Component
(Rider A)

0.005¢ per 100 cubic feet Merchant Function Charge
(Rider G)

0.234¢ Per 100 cubic feet Total Gas Adjustment Charge

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Effective: ~~October~~ 1, 2021

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NATIONAL FUEL GAS
DISTRIBUTION CORPORATION

Supplement No. 232 to
Gas - Pa. P.U.C. No. 9

One-Hundred-~~Second~~ Revised Page No. 41
Canceling ~~One-Hundredth~~ and ~~One-Hundred-First~~ Revised Page No. 41

COMMERCIAL AND PUBLIC AUTHORITY SERVICE RATE SCHEDULE (cont.)

APPLICABILITY

Applicable in all areas served under this tariff.

MONTHLY RATE

For "Small" Commercial/Public Authority Customers using not more than
250,000 cubic feet per year:

Basic Service Charge
\$19.89 per Month

Distribution Charges

~~27.470¢~~ per 100 cubic feet for the first 5,000 cubic feet (D)
~~24.472¢~~ per 100 cubic feet for all over 5,000 cubic feet (D)

Gas Adjustment Charge

0.229¢ per 100 cubic feet Purchased Gas Cost Component (Rider A)
0.001¢ per 100 cubic feet Merchant Function Charge (Rider G)
0.230¢ per 100 cubic feet Total Gas Adjustment Charge

Natural Gas Supply Charge

47.276¢ per 100 cubic feet Purchased Gas Cost Component (Rider A)
0.108¢ per 100 cubic feet Merchant Function Charge (Rider G)
1.050¢ per 100 cubic feet Gas Procurement Charge (Rider H)
48.434¢ per 100 cubic feet Total Natural Gas Supply Charge

The Natural Gas Supply Charge shall include a Merchant Function Charge (Rider G) to recover uncollectible costs associated with purchase gas costs of 0.2285% and the Gas Procurement Charge (Rider H) to recover costs of procuring natural gas pursuant to 52 Pa. Code §62.223.

The above rates shall be subject to surcharges in accordance with the provisions of Rider B - State Tax Adjustment Surcharge as set forth in this tariff.

(D) Indicates Decrease

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Issued: ~~September~~ 30, 2021

Effective: ~~October~~ 1, 2021

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NATIONAL FUEL GAS
DISTRIBUTION CORPORATION

Supplement No. 232 to
Gas - Pa. P.U.C. No. 9

Fifty-Sixth Revised Page No. 41A

Canceling Fifty-Fourth and Fifty-Fifth Revised Page No. 41A

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COMMERCIAL AND PUBLIC AUTHORITY SERVICE RATE SCHEDULE (Cont'd)

For "Small" Commercial/Public Authority Customers using greater than 250,000 cubic feet but not more than 1,000,000 cubic feet per year:

Basic Service Charge
\$27.53 per Month

Distribution Charges
21.797¢ per 100 cubic feet for the first 20,000 cubic feet (D)
20.457¢ per 100 cubic feet for all over 20,000 cubic feet (D)

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Gas Adjustment Charge
0.229¢ per 100 cubic feet Purchased Gas Cost Component (Rider A)
0.001¢ per 100 cubic feet Merchant Function Charge (Rider G)
0.230¢ per 100 cubic feet Total Gas Adjustment Charge

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Natural Gas Supply Charge
47.276¢ per 100 cubic feet Purchased Gas Cost Component (Rider A)
0.108¢ per 100 cubic feet Merchant Function Charge (Rider G)
1.050¢ per 100 cubic feet Gas Procurement Charge (Rider H)
48.434¢ per 100 cubic feet Total Natural Gas Supply Charge

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The Natural Gas Supply Charge shall include a Merchant Function Charge (Rider G) to recover uncollectible costs associated with purchase gas costs of 0.2285% and the Gas Procurement Charge (Rider H) to recover costs of procuring natural gas pursuant to 52 Pa. Code §62.223.

The above rates shall be subject to surcharges in accordance with the provisions of Rider B - State Tax Adjustment Surcharge as set forth in this tariff.

(D) Indicates Decrease

(I) Indicates Increase

Issued: September 30, 2021 Effective: October 1, 2021

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NATIONAL FUEL GAS
DISTRIBUTION CORPORATION

Supplement No. 232 to
Gas - Pa. P.U.C. No. 9

One-Hundred-Second Revised Page No. 42
Canceling Ninety-Ninth and One-Hundred-First Revised Page No. 42

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Commercial and Public Authority Service Rate Schedule (Cont'd)

For "Large" Commercial/Public Authority Customers:

Basic Service Charge
\$121.01 per Month

Distribution Charges

17.270¢ per 100 cubic feet for the first 300,000 cubic feet (D)
16.164¢ per 100 cubic feet for the next 1,700,000 cubic feet (D)
15.020¢ per 100 cubic feet for all over 2,000,000 cubic feet

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Gas Adjustment Charge

0.229¢ per 100 cubic feet Purchased Gas Cost Component (Rider A)
0.001¢ per 100 cubic feet Merchant Function Charge (Rider G)
0.230¢ per 100 cubic feet Total Gas Adjustment Charge

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Natural Gas Supply Charge

47.276¢ per 100 cubic feet Purchased Gas Cost Component (Rider A)
0.108¢ per 100 cubic feet Merchant Function Charge (Rider G)
1.050¢ per 100 cubic feet Gas Procurement Charge (Rider H)
48.434¢ per 100 cubic feet Total Natural Gas Supply Charge

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The Natural Gas Supply Charge shall include a Merchant Function Charge (Rider G) to recover uncollectible costs associated with purchase gas costs of 0.2285% and the Gas Procurement Charge (Rider H) to recover costs of procuring natural gas pursuant to 52 Pa. Code §62.223.

The above rates shall be subject to surcharges in accordance with the provisions of Rider B - State Tax Adjustment Surcharge as set forth in this tariff.

APPLICATION PERIOD

The Application Period shall be the twelve months beginning March 1 of each year.

RULES AND REGULATIONS

The Rules and Regulations set forth in this tariff shall govern, where applicable, the supply of gas service under this rate schedule.

(D) Indicates Decrease

(I) Indicates Increase

Issued: September 30, 2021

Effective: October 1, 2021

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NATIONAL FUEL GAS
DISTRIBUTION CORPORATION

Supplement No. 232 to
Gas - Pa. P.U.C. No. 9
Ninety-Ninth Revised Page No. 53

~~Canceling Ninety-Seventh and Ninety-Eighth Revised Page No. 53~~

SVIS

Small Volume Industrial Service Rate Schedule (Cont'd)

MONTHLY RATE

Basic Service Charge
\$65.60 per Month

Distribution Charges
~~23.539¢~~ per 100 cubic feet (D)

Gas Adjustment Charge

0.229¢	per 100 cubic feet	Purchased Gas Cost Component (Rider A)
0.001¢	per 100 cubic feet	Merchant Function Charge (Rider G)
0.230¢	per 100 cubic feet	Total Gas Adjustment Charge

Natural Gas Supply Charge

47.276¢	per 100 cubic feet	Purchased Gas Cost Component (Rider A)
0.108¢	per 100 cubic feet	Merchant Function Charge (Rider G)
1.050¢	per 100 cubic feet	Gas Procurement Charge (Rider H)
48.434¢	per 100 cubic feet	Total Natural Gas Supply Charge

The Natural Gas Supply Charge shall include a Merchant Function Charge (Rider G) to recover uncollectible costs associated with purchase gas costs of 0.2285% and the Gas Procurement Charge (Rider H) to recover costs of procuring natural gas pursuant to 52 Pa. Code §62.223.

The above rates shall be subject to surcharges in accordance with the provisions of Rider B - State Tax Adjustment Surcharge.

APPLICATION PERIOD

The Application Period shall be the twelve months beginning March 1 of each year.

RULES AND REGULATIONS

The Rules and Regulations set forth in this tariff shall govern, where applicable, the supply of gas service under this rate schedule.

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Effective: ~~October~~, 1, 2021

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NATIONAL FUEL GAS
DISTRIBUTION CORPORATION

Supplement No. 232 to
Gas - Pa. P.U.C. No. 9

Ninety-Ninth Revised Page No. 55

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IVIS

INTERMEDIATE VOLUME INDUSTRIAL SERVICE RATE SCHEDULE (Cont'd)
MONTHLY RATE

Basic Service Charge
\$201.91 per Month

Distribution Charges

17.681¢ per 100 cubic feet for the first 100,000 cubic feet (D)
13.725¢ per 100 cubic feet for the next 1,900,000 cubic feet (D)
10.629¢ per 100 cubic feet for all over 2,000,000 cubic feet (D)

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Gas Adjustment Charge

0.229¢ per 100 cubic feet Purchased Gas Cost Component (Rider A)
0.001¢ per 100 cubic feet Merchant Function Charge (Rider G)
0.230¢ per 100 cubic feet Total Gas Adjustment Charge

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Natural Gas Supply Charge

47.276¢ per 100 cubic feet Purchased Gas Cost Component (Rider A)
0.108¢ per 100 cubic feet Merchant Function Charge (Rider G)
1.050¢ per 100 cubic feet Gas Procurement Charge (Rider H)
48.434¢ per 100 cubic feet Total Natural Gas Supply Charge

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The Natural Gas Supply Charge shall include a Merchant Function Charge (Rider G) to recover uncollectible costs associated with purchase gas costs of 0.2285% and the Gas Procurement Charge (Rider H) to recover costs of procuring natural gas pursuant to 52 Pa. Code §62.223.

The above rates shall be subject to surcharges in accordance with the provisions of Rider B - State Tax Adjustment Surcharge as set forth in this tariff.

APPLICATION PERIOD

The Application Period shall be the twelve months beginning March 1 of each year.

RULES AND REGULATIONS

The rules and regulations set forth in this tariff shall govern, where applicable, the supply of gas service under this rate schedule.

(D) Indicates Decrease

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Issued: September, 30, 2021

Effective: October, 1, 2021

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NATIONAL FUEL GAS
DISTRIBUTION CORPORATION

Supplement No. 232 to
Gas - Pa. P.U.C. No. 9

Ninety-Ninth, Revised Page No. 65

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LVIS

Large Volume Industrial Service (Cont'd)

- C. An Industrial Customer, for which the Company estimates that the total volumes of gas purchased from the Company or transported by the Company during the next succeeding twelve months will be not less than 50,000 Mcf, if the Industrial Customer has used total volumes of gas in at least one billing month of not less than 4,167 Mcf, even if the Customer disagrees with the Company's estimate.
- D. An Industrial Customer for which the Company estimates that total volumes of gas to be used by the customer during the next succeeding twelve months will not be less than 50,000 Mcf of gas per year whether the gas is purchased by the Industrial Customer from the Company, delivered by the Company to the Industrial Customer, or obtained by the customer from another source.

An Industrial Customer that meets the above criteria under this rate schedule at the beginning of an Application Period is required to continue to be subject to this rate schedule during all months of such Application Period. An Industrial Customer that meets the above criteria under this rate schedule during an Application Period is required to continue to be subject to this rate schedule during all or remaining months of such Application Period.

MONTHLY RATE

Basic Service Charge
\$809.00 per Month

Distribution Charges

13.175¢ per 100 cubic feet for the first 100,000 cubic feet (D)
11.440¢ per 100 cubic feet for the next 1,900,000 cubic feet (D)
9.447¢ per 100 cubic feet for the next 18,000,000 cubic feet (D)
8.138¢ per 100 cubic feet for all over 20,000,000 cubic feet (D)

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Gas Adjustment Charge

0.229¢ per 100 cubic feet Purchased Gas Cost Component (Rider A)
0.001¢ per 100 cubic feet Merchant Function Charge (Rider G)
0.230¢ Per 100 cubic feet Total Gas Adjustment Charge

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Issued: September 30, 2021

Effective: October 1, 2021

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NATIONAL FUEL GAS
DISTRIBUTION CORPORATION

Supplement No. 232 to
Gas - Pa. P.U.C. No. 9

Ninety-Ninth Revised Page No. 76

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LIS

Large Industrial Service (Cont'd)

- C. An Industrial Customer, for which the Company estimates that the total volumes of gas purchased from the Company or transported by the Company during the next succeeding twelve months will be not less than 200,000 Mcf, if the Industrial Customer has used total volumes of gas in at least one billing month of not less than 17,000 Mcf, even if the Customer disagrees with the Company's estimate.

An Industrial Customer that meets the above criteria under this rate schedule at the beginning of an Application Period is required to continue to be subject to this rate schedule during all months of such Application Period. An Industrial Customer that meets the above criteria under this rate schedule during an Application Period is required to continue to be subject to this rate schedule during all or remaining months of such Application Period.

MONTHLY RATE

Basic Service Charge
\$1,029.00 per Month

Distribution Charges

11.243¢ per 100 cubic feet for the first 100,000 cubic feet (D)
9.469¢ per 100 cubic feet for the next 1,900,000 cubic feet (D)
7.429¢ per 100 cubic feet for the next 18,000,000 cubic feet (D)
6.090¢ per 100 cubic feet for all over 20,000,000 cubic feet (D)

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Gas Adjustment Charge

0.229¢ per 100 cubic feet Purchased Gas Cost Component (Rider A)
0.001¢ per 100 cubic feet Merchant Function Charge (Rider G)
0.230¢ per 100 cubic feet Total Gas Adjustment Charge

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Issued: September 30, 2021

Effective: October 1, 2021

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NATIONAL FUEL GAS
DISTRIBUTION CORPORATION

Supplement No. 232 to
Gas - Pa. P.U.C. No. 9

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RATE SCHEDULE FOR MONTHLY METERED TRANSPORTATION SCHEDULE (cont'd)

MONTHLY RATES

Commodity Rates

The commodity rates set forth below contain a component, presently \$0.3800 per Mcf, for recovery of purchased gas costs.

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For transportation of gas to Residential Customers, the monthly rate for transportation of gas both within and outside the Commonwealth of Pennsylvania shall be:

~~\$2.8358~~ Mcf

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For transportation of gas to Commercial and Public Authority Customers, the monthly rate for transportation of gas produced within the Commonwealth of Pennsylvania shall be:

~~\$2.8058~~ per Mcf for Small Commercial/Public Authority using not more than 250 Mcf per year

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~~\$2.3201~~ per Mcf for Small Commercial/Public Authority using greater than 250 Mcf but not more than 1,000 Mcf per year

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~~\$1.7596~~ per Mcf for Large Commercial/Public Authority

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For transportation of gas to Commercial and Public Authority Customers, the monthly rate for transportation of gas produced outside the Commonwealth of Pennsylvania shall be:

~~\$2.8058~~ per Mcf for Small Commercial/Public Authority using not more than 250 Mcf per year

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~~\$2.3201~~ per Mcf for Small Commercial/Public Authority using greater than 250 Mcf but not more than 1,000 Mcf per year

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~~\$1.7596~~ per Mcf for Large Commercial/Public Authority

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For transportation of gas to Small Volume Industrial Customers, the monthly rate for transportation of gas produced within the Commonwealth of Pennsylvania shall be:

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~~\$2.5773~~ per Mcf for SVIS Customers

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For transportation of gas to Small Volume Industrial Customers, the monthly rate for transportation of gas produced outside the Commonwealth of Pennsylvania shall be:

~~\$2.5773~~ per Mcf for SVIS Customers

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Issued: September 30, 2021

Effective: October 1, 2021

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NATIONAL FUEL GAS
DISTRIBUTION CORPORATION

Supplement No. 232 to
Gas - Pa. P.U.C. No. 9

Forty-Fourth Revised Page No. 101

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RATE SCHEDULE FOR MONTHLY METERED TRANSPORTATION SCHEDULE (cont'd)

For transportation of gas to Intermediate Volume Industrial Customers, the monthly rate for transportation of gas produced within the Commonwealth of Pennsylvania shall be:

\$1.4520 per Mcf for IVIS Customers

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For transportation of gas to Intermediate Volume Industrial Customers, the monthly rate for transportation of gas produced outside the Commonwealth of Pennsylvania shall be:

\$1.4520 per Mcf for IVIS Customers

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For transportation of gas to Large Volume Industrial Customers and any entity that is not a Gas Service Customer, the monthly rate for transportation of gas produced within the Commonwealth of Pennsylvania shall be:

\$1.1845 per Mcf

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For transportation of gas to Large Volume Industrial Customers and any entity that is not a Gas Service Customer, the monthly rate for transportation of gas produced outside the Commonwealth of Pennsylvania shall be:

\$1.1845 per Mcf

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For transportation of gas to Large Industrial Customers, the monthly rate for transportation of gas produced within the Commonwealth of Pennsylvania shall be:

\$0.8639 per Mcf

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For transportation of gas to Large Industrial Customers, the monthly rate for transportation of gas produced outside the Commonwealth of Pennsylvania shall be:

\$0.8639 per Mcf

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Provided, however, that the Company, in its sole discretion, may reduce by contract the portion of the above rates applicable to the Customer that are for recovery of gas or the portion of the rate for recovery of non-gas costs of service if it is reasonably necessary to do so to meet competition from another supplier of energy including gas from another supplier of gas that has constructed, or could construct, facilities to deliver supplies of gas to a MMT Customer of the Company without use of the Company's facilities or another transportation of gas. The Company may also reduce or eliminate the compensation for line losses provided for in Special Provisions paragraph B of this rate schedule in order to meet the competitive circumstances for alternate fuels or bypass situations cited above excluding competition from other Pennsylvania local distribution companies. The Company will reduce the applicable rate only if:

- (a) Either (1) the MMT Customer has facilities in place and operable to use an alternative fuel or obtain gas from an alternative supplier or (2) in the Company's judgment, such facilities would be constructed;

(D) Indicates Decrease

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Issued: ~~September~~ 30, 2021

Effective: ~~October~~ 1, 2021

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NATIONAL FUEL GAS
DISTRIBUTION CORPORATION

Supplement No. 232 to
Gas - Pa. P.U.C. No. 9

~~One-Hundredth~~ Revised Page No. 120
Canceling ~~Ninety-Eighth~~ and ~~Ninety-Ninth~~ Revised Page No. 120

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RATE SCHEDULE SATC
SMALL AGGREGATION TRANSPORTATION CUSTOMER SERVICE (Cont.)

1. Residential Transportation Rates

SATC Customers that meet the qualifications under the Residential
Service Rate Schedule classification:

Rates per Residential SATC Customer per Month:

\$12.00 Basic Service Charge
\$0.31855 per 100 cubic feet for the first 5,000 cubic feet (D)
\$0.22704 per 100 cubic feet for all over 5,000 cubic feet (D)

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2. Commercial and Public Authority Transportation Rates

SATC Customers that meet the qualifications under the Commercial and
Public Authority Service Rate Schedule classification:

a. Rates per Commercial/Public Authority customer per month for
"Small" Commercial/Public Customers using not more than 250,000 cubic feet per
year:

\$19.89 Basic Service Charge
\$0.27470 per 100 cubic feet for the first 5,000 cubic feet (D)
\$0.24472 per 100 cubic feet for all over 5,000 cubic feet (D)

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b. Rates per Commercial/Public Authority customer per month for
"Small" Commercial/Public Customers using greater than 250,000 cubic feet but
not more than 1,000,000 cubic feet per year:

\$27.53 Basic Service Charge
\$0.21797 per 100 cubic feet for the first 20,000 cubic feet (D)
\$0.20457 per 100 cubic feet for all over 20,000 cubic feet (D)

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c. Rates per Commercial/Public Authority customer per month for
"Large" Commercial/Public Customers:

\$121.01 Basic Service Charge
\$0.17270 per 100 cubic feet for the first 300,000 cubic feet (D)
\$0.16164 per 100 cubic feet for the next 1,700,000 cubic feet (D)
\$0.15020 per 100 cubic feet for all over 2,000,000 cubic feet

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(I) Indicates Increase

Issued: ~~September~~ 30, 2021

Effective: ~~October~~ 1, 2021

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NATIONAL FUEL GAS
DISTRIBUTION CORPORATION

Supplement No. 232 to
Gas - Pa. P.U.C. No. 9

One-Hundred-Third Revised Page No. 121

Canceling ~~One-Hundred-First~~ and ~~One-Hundred-Second~~ Revised Page No. 121

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RATE SCHEDULE SATC
SMALL AGGREGATION TRANSPORTATION CUSTOMER SERVICE (Cont.)

3. Small Volume Industrial Service Transportation Rates

SATC Customers that meet the qualifications under the Small Volume Industrial Service Rate Schedule classification:

Rates per Small Volume Industrial Service SATC Customer per Month:

\$65.60	Basic Service Charge	
\$0.23539	per 100 cubic feet	(D)

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4. Intermediate Volume Industrial Service Transportation Rates

SATC Customers that meet the qualifications under the Intermediate Volume Industrial Service Rate Schedule classification:

Rates per Intermediate Volume Industrial Service SATC Customer per Month:

\$201.91	Basic Service Charge	
\$0.17681	per 100 cubic feet for the first 100,000 cubic feet	(D)
\$0.13725	per 100 cubic feet for the next 1,900,000 cubic feet	(D)
\$0.10629	per 100 cubic feet for all over 2,000,000 cubic feet	(D)

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B. Miscellaneous Customer Surcharges

1. Residential rates shall be subject to surcharges in accordance with Rider F - LIRA Discount Charge as set forth in this tariff.

2. The above SATC rates shall be subject to surcharges in accordance with provisions of Rider B - State Tax Adjustment Surcharge.

(C) Indicates Change (D) Indicates Decrease (I) Indicates Increase

Issued: ~~September~~ 30, 2021 Effective: ~~October~~ 1, 2021

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RIDER I OPEB TEMPORARY SURCREDIT

Effective October 1, 2021, a one-time bill credit will be applied and a surcredit will be included in the rates subject to this Rider to provide for the pass back of funds collected previously for Other Post Retirement Benefits ("OPEB") expenses that have been deferred for the benefit of ratepayers as a regulatory liability in accordance with the settlement order in Docket # R-00061493.

\$25,000,000 of the OPEB regulatory liability has been reserved to pass back to customers as a one-time bill credit. The bill credit will be applied to customers' bills for active accounts as of October 1, 2021 and in the following amounts per class:

Residential \$100
C/PA \$250
Industrial \$1,500

An additional \$25,000,000 of the OPEB regulatory liability has been reserved to pass back via a surcredit over 5-years (\$5,000,000 per year). The surcredit will apply as a credit to all customer bills at a set allocation percentage equal to the allocation percentage of the Company's base rate increase in Docket # R-00061493 among the various customer classes, exclusive of STAS and automatic adjustment clause revenues, for bills rendered for intrastate service on and after October 1, 2021. The surcredit will be applied on a per Mcf basis, by service class, as indicated in the table below. The surcredit will continue for a period of 5 years without reconciliation. Interest is not applicable to the OPEB balance. The OPEB Temporary Surcredit will be filed with the Commission by October 1 of each year and will be recalculated annually during the 5-year period.

Service Class	Refund Rate Effective 10/1/21
Sales & SATC	
Residential (RSS & LIRA)	(\$0.20401)
Small Comm./Public Authority < 250	(\$0.13085)
Small Comm./Public Authority > 250	(\$0.02116)
Large Comm./Public Authority	(\$0.12197)
Small Volume Industrial Service	(\$0.02902)
Intermediate Vol. Industrial Service	(\$0.02501)
MMT & DMT	
Residential	(\$0.14199)
Small Comm./Public Authority < 250	(\$0.11948)
Small Comm./Public Authority > 250	(\$0.02120)
Large Comm./Public Authority	(\$0.06576)
Small Volume Industrial Service	(\$0.04955)
Intermediate Vol. Industrial Service	(\$0.02179)
Large Volume Industrial Service	(\$0.02491)
Large Industrial Service	(\$0.00446)

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Issued: September 30, 2021

Effective: October 1, 2021

National Fuel Gas Distribution Corporation
 Pennsylvania Division
 OPEB Rider Rate Calculation
 Rates to be Effective October 1, 2021

Total OPEB Liability to passback	\$ 50,000,000
One time bill credit (estimated)	\$ 25,000,000
Remaining liability to passback	<u>\$ 25,000,000</u>
Amortization period (years)	5
Annual amount to passback	<u>\$ 5,000,000</u>
Total Non-Gas Revenues	<u>\$ 118,574,545</u>

<u>Service Class</u>	(1)	(2)	(3)	(4)	(5) = (3) / (4)
	<u>Non-Gas Revenues</u>	<u>Base rate decrease allocation %</u>	<u>Allocation of Revenue Excess</u>	<u>Normalized Volumes (Mcf)</u>	<u>Surcredit Rate (\$/Mcf)</u>
RESIDENTIAL	\$ 69,522,690			17,025,700	
LIRA	\$ 3,464,113			848,341	
RESIDENTIAL SATC	<u>\$ 9,822,464</u>			<u>2,405,464</u>	
	<u>\$ 82,809,267</u>	82.7%	\$ 4,137,176	<u>20,279,505</u>	\$ 0.20401
SMALL CPA LE 250	\$ 4,131,389			990,999	
SMALL CPA LE 250 SATC	<u>\$ 532,041</u>			<u>127,621</u>	
	<u>\$ 4,663,430</u>	2.9%	\$ 146,367	<u>1,118,620</u>	\$ 0.13085
SMALL CPA GT 250	\$ 3,437,261			1,396,497	
SMALL CPA GT 250 SATC	<u>\$ 491,373</u>			<u>199,636</u>	
	<u>\$ 3,928,634</u>	0.7%	\$ 33,774	<u>1,596,133</u>	\$ 0.02116
LARGE CPA	\$ 1,245,112			383,347	
LARGE CPA SATC	<u>\$ 186,084</u>			<u>57,292</u>	
	<u>\$ 1,431,196</u>	1.1%	\$ 53,744	<u>440,639</u>	\$ 0.12197
SVIS	\$ 364,953			131,793	
SVIS SATC	<u>\$ 31,264</u>			<u>11,290</u>	
	<u>\$ 396,217</u>	0.1%	\$ 4,152	<u>143,083</u>	\$ 0.02902
IVIS	\$ 544,673			350,851	
IVIS SATC	<u>\$ 9,777</u>			<u>6,298</u>	
	<u>\$ 554,450</u>	0.2%	\$ 8,931	<u>357,149</u>	\$ 0.02501
RESIDENTIAL TRANS	\$ 256,679	0.3%	\$ 12,824	90,317	\$ 0.14199
SMALL CPA LE 250 TRANS	\$ 593,658	0.4%	\$ 18,633	155,943	\$ 0.11948
SMALL CPA GT 250 TRANS	\$ 1,887,513	0.3%	\$ 16,226	765,372	\$ 0.02120
LARGE CPA TRANS	\$ 10,831,820	8.1%	\$ 406,756	6,185,236	\$ 0.06576
SVIS TRANS	\$ 80,965	0.0%	\$ 848	17,123	\$ 0.04955
IVIS TRANS	\$ 4,273,052	1.4%	\$ 70,069	3,215,254	\$ 0.02179
LVIS TRANS	\$ 2,591,705	1.3%	\$ 65,500	2,629,082	\$ 0.02491
LIS TRANS	\$ 4,275,959	0.5%	\$ 25,000	5,607,259	\$ 0.00446
TOTAL	<u><u>\$ 118,574,545</u></u>	<u>100.0%</u>	<u>\$ 5,000,000</u>	<u>42,600,715</u>	