

ADDENDUM TO

Supplement No. 280 to
Gas - Pa. P.U.C. No. 9

**NATIONAL FUEL GAS DISTRIBUTION CORPORATION
BUFFALO, NEW YORK**

RATES, RULES AND REGULATIONS

GOVERNING THE FURNISHING

OF

NATURAL GAS SERVICE

IN

TERRITORY DESCRIBED HEREIN

Issued: January 31, 2025

Effective: August 1, 2025

D. L. DeCAROLIS, PRESIDENT
BUFFALO, NEW YORK

ADDENDUM TO

NATIONAL FUEL GAS
DISTRIBUTION CORPORATION

Supplement No. 280 to
Gas - Pa. P.U.C. No. 9

Two-Hundred-Forty-Seventh Revised Page No. 2

Canceling Two-Hundred-Forty-Fourth and Two-Hundred-Forty-Sixth Revised Page No. 2

LIST OF CHANGES MADE BY THIS TARIFF

INCREASE:

1. Distribution Charge for Residential, Commercial and Public Authority, Small Volume Industrial, Intermediate Volume Industrial, Large Volume Industrial and Large Industrial Service Classes increase.
Pages 36, 36A, 41, 41A, 42, 53, 55, 65, 66, 76
2. Gas Adjustment Charges increase for Residential, Commercial and Public Authority, Small Volumes Industrial, Intermediate Volume Industrial, and Large Industrial Service
Pages 36, 41, 41A, 42, 53, 55, 65, 76
3. 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 increase.
Pages 36A, 41, 41A, 42, 53, 55, 66 and 76A.
4. Demand Charges for Load Balancing Service increase.
Pages 48, 61, 72, 79, 82
5. Commodity Charges for Sales Services increase.
Pages 50, 62, 73, 80
6. Commodity Charges for Transportation Service increase.
Page 50, 63, 74, 81
7. Components of Natural Gas Vehicle rates increase.
Pages 83 and 84.
8. Priority Standby Service monthly rate increase.
Pages 93, 95
9. The price for purchase of gas by Distribution from a transportation service customer in the event of a curtailment or interruption will increase.
Pages 106, 117 and 146G.
10. Purchased gas costs in Rider A increase.
Page 147
11. The Price to Compare shown in Rider H increases.
Page 169.
12. MMT Service Rates increased for Residential, "Small" Commercial/ Public Authority >25,000, "Large" Commercial/ Public Authority, Intermediate Volume Industrial, Large Volume Industrial, and Large Industrial Service Classes.
Pages 100 and 101

Issued: January 31, 2025

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ADDENDUM TO

NATIONAL FUEL GAS
DISTRIBUTION CORPORATION

Supplement No. 280 to
Gas - Pa. P.U.C. No. 9
Eighty-Seventh Revised Page No. 3
Canceling Eighty-Sixth Revised Page No. 3

LIST OF CHANGES MADE BY THIS TARIFF

INCREASE:

13. SATC Transportation Service rates increase for Residential and Small Volume Industrial.
Page 119A, 120, 121
14. Certain Demand Transfer Recovery Rates ("DTR") increase.
Page 127.
15. SATC Alternative Capacity Release Rate increase.
Page 131.
16. The Merchant Function Charge in Rider G increase.
Page 168.

DECREASE:

1. Components of Natural Gas Vehicle rates decrease.

Issued: January 31, 2025

Effective: August 1, 2025

ADDENDUM TO

NATIONAL FUEL GAS
DISTRIBUTION CORPORATION

Supplement No. 280 to
Gas - Pa. P.U.C. No. 9

Two-Hundred-Forty-Seventh Revised Page No. 4

Canceling Two-Hundred-Forty-Fourth and Two-Hundred-Forty-Sixth Revised Page No. 4

TABLE OF CONTENTS

		<u>Page</u>
List of Changes.....	2	Two-Hundred-Forty-Seventh Revised
	3	Eighty-Seventh Revised
	3A	Sixth Revised
	3B	First Revised
	3C	First Revised
Table of Contents.....	4	Two-Hundred-Forty-Seventh Revised
	5	One-Hundred-Thirty-Seventh Revised
	6	One-Hundred-Forty-Seventh Revised
	7	One-Hundred-Fifty-Eighth Revised
	7A	One-Hundred-Eighty-Ninth Revised
Description of Territory.....	8	Second Revised
	9	Second Revised
Rules and Regulations.....	10	Third Revised
	11	Sixth Revised
	12	Sixth Revised
	13	Second Revised
	14	Original
	15	Second Revised
	16	Second Revised
	16A	First Revised
	16B	Fourth Revised
	17	Fourth Revised
	18	Original
	19	Original
	20	Fourth Revised
	20A	Original
	20	Fifth Revised
	22	Third Revised
	22A	First Revised
	23	Second Revised
	24	Fourth Revised
	25	Second Revised
	26	First Revised
	27	Third Revised
	28	First Revised
	29	Third Revised
	30	First Revised
	31	First Revised
	32	Seventh Revised
33	First Revised	
34	Ninth Revised	
34A	Second Revised	
35	Third Revised	
35A	Third Revised	
35B	First Revised	
35C	Fifth Revised	
35D	Third Revised	
35E	Ninth Revised	
35F	Original	
35G	Original	
35H	Original	
Residential Service Schedule.....	36	One-Hundred-Twenty-Second Revised
	36A	Fifty-Ninth Revised
Rate Schedule CAP Customer	37	Fourteenth Revised
Assistance Program Service	37A	One-Hundred-Nineteenth Revised

ADDENDUM TO

NATIONAL FUEL GAS
DISTRIBUTION CORPORATION

Supplement No. 280 to
Gas - Pa. P.U.C. No. 9

One-Hundred-Thirty-Seventh Revised Page No. 5
Canceling One-Hundred-Thirty-Sixth Revised Page No. 5

TABLE OF CONTENTS (Cont'd)

	<u>Page</u>	
Rate Schedule CAP (Con't)		
Customer Assistance Program Service	37B	One-Hundred-Third Revised
	37C	Thirteenth Revised
	37D	Sixth Revised
	38	Fourth Revised
	39	Third Revised
Commercial and Public Authority		
Service Rate Schedule	40	Second Revised
	40A	First Revised
	41	One-Hundred-Twenty-Third Revised
	41A	Seventy-Seventh Revised
	42	One-Hundred-Twenty-Third Revised
	42A	First Revised
Commercial Rider BDS - Business		
Development Service Rider	43	Original
	44	Original
	45	Original
Rate Schedule CPA-LBS		
Load Balancing Service for		
Commercial and Public Authority Customers....	46	Second Revised
	47	Original
	48	One-Hundred-Seventh Revised
	49	Sixth Revised
	50	One-Hundred-Fourteenth-Revised
	51	Fifth Revised
Rate Schedule SVIS		
Small Volume Industrial Service.....	52	Original
	53	One-Hundred-Twentieth Revised
	53A	First Revised
Rate Schedule IVIS		
Intermediate Volume Industrial Service	54	Original
	55	One-Hundred-Twentieth Revised
	55A	First Revised
Intermediate Volume Industrial Service		
Rider BDS - Business Development		
Service Rider	56	Original
	57	Original
	58	Original
Rate Schedule IVI-LBS		
Load Balancing Service for		
Intermediate Volume Industrial Customers	59	Second Revised
	60	Original
	61	One-Hundred-Seventh Revised
	62	One-Hundred-Tenth Revised
	63	Forty-Seventh Revised
Rate Schedule LVIS		
Large Volume Industrial Service	64	Original
	65	One-Hundred-Nineteenth Revised
	66	Seventy-Fourth Revised
Large Volume Industrial Service		
BDS - Business Development		
Service Rider	67	Original
	68	Original
	69	Original

Issued: January 31, 2025

Effective: August 1, 2025

ADDENDUM TO

NATIONAL FUEL GAS
DISTRIBUTION CORPORATION

Supplement No. 280 to
Gas - Pa. P.U.C. No. 9
One-Hundred-Forty-Seventh Revised Page No. 6
Canceling One-Hundred-Forty-Sixth Revised Page No. 6

TABLE OF CONTENTS (Cont'd)

	<u>Page</u>	
Rate Schedule LVI-LBS		
Load Balancing Service for		
Large Volume Industrial Customers	70	Second Revised
	71	Original
	72	One-Hundred-Seventh Revised
	73	One Hundred-Tenth Revised
	74	Forty-Seventh Revised
Rate Schedule LIS		
Large Industrial Service	75	Original
	76	One-Hundred-Eighteenth Revised
	76A	Fifty-Ninth Revised
Rate Schedule LI-LBS		
Load Balancing Service for		
Large Industrial Customers	77	Second Revised
	78	Original
	79	One-Hundred-Seventh Revised
	80	One-Hundred-Tenth Revised
	81	Forty-Eighth Revised
Rate Schedule NGV		
Natural Gas Vehicle Service	82	One-Hundred-Eighth Revised
	83	One-Hundred-Thirty-First Revised
	84	One-Hundred-Twenty-Sixth Revised
	84A	First Revised
Rate Schedule BP		
Service for Customers		
with Bypass Facilities	85	Original
	86	Sixth Revised
	87	Original
	88	Original
	89	Original
	90	Original
	91	Original
	92	Original
Rate Schedule PSB		
Priority Standby Service.....	93	Eighty-Third Revised
Rate Schedule SB		
Standby Service	94	Original
	95	Eighty-Third Revised
	96	Ninth Revised
	97	Original
Rate Schedule for		
Monthly Metered Transportation Service	98	Fourth Revised
	99	Sixth Revised
	100	Fifty-Seventh Revised
	101	Fifty-Fifth Revised
	102	Eleventh Revised
	103	Seventh Revised
	104	Sixth Revised
	105	Sixth Revised
	106	One-Hundred-Thirteenth Revised
	107	Fourth Revised
	108	Fifth Revised

ADDENDUM TO

NATIONAL FUEL GAS
DISTRIBUTION CORPORATION

Supplement No. 280 to
Gas - Pa. P.U.C. No. 9
One-Hundred-Fifty-Eighth Revised Page No. 7
Canceling One-Hundred-Fifty-Seventh Revised Page No 7

TABLE OF CONTENTS (Cont'd)

	<u>Page</u>	
Rate Schedule for		
Daily Metered Transportation Service.....	109	Original
	110	Fourth Revised
	111	Tenth Revised
	112	Tenth Revised
	113	Eighth Revised
	114	First Revised
	115	Original
	116	Seventh Revised
	117	One-Hundred-Twelfth Revised
	118	Sixth Revised
 Monthly Metered Natural Gas Supplier Service	 118A	 Fifth Revised
	118B	Twelfth Revised
	118C	Sixth Revised
	118D	Ninth Revised
	118E	Eighth Revised
	118F	Tenth Revised
	118G	Fourth Revised
	118H	Seventh Revised
	118I	Seventh Revised
	118J	Fourth Revised
 Rate Schedule SATC		
Small Aggregation Transportation Customer Service	119	Forty-Fourth Revised
	119A	Sixty-Sixth Revised
	120	One-Hundred-Twentieth Revised
	121	One-Hundred-Twenty-Fifth Revised
	121A	First Revised
	122	Original
	123	First Revised
 Rate Schedule SATS		
Small Aggregation Transportation Supplier Service	124	Original
	125	Fifth Revised
	125A	Fifth Revised
	126	Thirty-Ninth Revised
	127	Seventy-Fifth Revised
	128	Fourth Revised
	129	Eighth Revised
	130	Second Revised
	131	Seventy-Ninth Revised
	132	Original
	133	Third Revised
	134	Tenth Revised
	135	Tenth Revised
	135A	Original
	136	Twelfth Revised
	136A	Original
	137	Second Revised
	138	Fourth Revised
	139	First Revised
	139A	Original
	140	Ninth Revised
	141	Second Revised

ADDENDUM TO

NATIONAL FUEL GAS
DISTRIBUTION CORPORATION

Supplement No. 280 to
Gas - Pa. P.U.C. No. 9

One-Hundred-Eighty-Ninth Revised Page No. 7A

Canceling One-Hundred-Eighty-Sixth and One-Hundred-Eighty-Eighth Revised Page No. 7A

TABLE OF CONTENTS (Cont'd)

	<u>Page</u>	
Rate Schedule SATS (Cont'd)		
Small Aggregation Transportation Supplier	142	Original
Service	143	Original
	144	Original
	145	Original
	146	Original
Daily Metered Large Manufacturing	146A	Original
Transportation Service	146B	Original
	146C	Fourth Revised
	146D	Original
	146E	Original
	146F	Fourth Revised
	146G	Eighty-Second Revised
	146H	Third Revised
Rider A -		
Section 1307(f) Purchased Gas Costs	147	One-Hundred-Ninth Revised
	147A	First Revised
	147B	First Revised
	148	Fourth Revised
	149	Fourth Revised
	150	Sixth Revised
	151	Fourth Revised
	152	Seventh Revised
	153	Original
	154	Fourth Revised
	155	Eleventh Revised
	156	Original
Rider B -		
State Tax Adjustment Surcharge.....	157	Eighty-First Revised
Rider C -	158	Eighth Revised
Weather Normalization Adjustment	159	Sixth Revised
	160	First Revised
	161	First Revised
Rider E -		
Customer Education Charge.....	162	Twenty-Fourth Revised
	163	First Revised
Rider F -		
CAP Discount Rate	164	One-Hundred-Twenty-Sixth Revised
	165	Tenth Revised
	166	Ninth Revised
	167	Ninetieth Revised
Rider G		
Merchant Function Charge (MFC) Rider	168	Seventy-First Revised
Rider H		
Gas Procurement Charge (GPC)	169	Fifty-Eighth Revised
TCJA Temporary Surcharge.....	170	Tenth Revised
Rider I OPEB Temporary Surcredit.	171	Sixth Revised
	171A	First Revised
DSIC - Distribution System Improvement Charge...	172	Original
	173	Original
	174	Original
	175	Original

ADDENDUM TO

NATIONAL FUEL GAS
DISTRIBUTION CORPORATION

Supplement No. 280 to
Gas - Pa. P.U.C. No. 9
One-Hundred-Twenty-Second Revised Page No. 36
Canceling One-Hundred-Twenty-First 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

\$14.00 per Month

Distribution Charges

33.998¢ per 100 cubic feet (I)

Gas Adjustment Charge

2.387¢ per 100 cubic feet Purchased Gas Cost Component (I)
(Rider A)

0.043¢ per 100 cubic feet Merchant Function Charge (I)
(Rider G)

2.430¢ Per 100 cubic feet Total Gas Adjustment Charge (I)

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ADDENDUM TO

NATIONAL FUEL GAS
DISTRIBUTION CORPORATION

Supplement No. 280to
Gas - Pa. P.U.C. No. 9
Fifty-Ninth Revised Page No. 36A
Canceling Fifty-Eighth Revised Page No. 36A

RESIDENTIAL SERVICE RATE SCHEDULE (cont.)

Natural Gas Supply Charge			
51.372¢	per 100 cubic feet	Purchased Gas Cost Component (Rider A)	(I)
0.926¢	per 100 cubic feet	Merchant Function Charge (Rider G)	(I)
<u>1.149¢</u>	per 100 cubic feet	Gas Procurement Charge (Rider H)	
53.447¢	per 100 cubic feet Charge	Total Natural Gas Supply	(I)

The Natural Gas Supply Charge shall include a Merchant Function Charge (Rider G) to recover uncollectible costs associated with purchase gas costs of 1.8032% and the Gas Procurement Charge (Rider H) to recover costs of procuring natural gas pursuant to 52 Pa. Code §62.223. The above non-purchased gas cost rates shall be subject to surcharges in accordance with the provisions of Rider B - State Tax Adjustment Surcharge and DSIC - Distribution System Improvement Charge. Residential rate classes shall be subject to Rider F - CAP Discount Charge as set forth in this tariff.

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

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ADDENDUM TO

NATIONAL FUEL GAS
DISTRIBUTION CORPORATION

Supplement No. 280 to
Gas - Pa. P.U.C. No. 9
One-Hundred-Twenty-Third Revised Page No. 41
Canceling One-Hundred-Twenty-Second 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	\$27.00	per Month		
Distribution Charges	27.381¢	per 100 cubic feet		(I)
Gas Adjustment Charge	2.387¢	per 100 cubic feet	Purchased Gas Cost Component (Rider A)	(I)
	<u>0.008¢</u>	per 100 cubic feet	Merchant Function Charge (Rider G)	(I)
	2.395¢	per 100 cubic feet	Total Gas Adjustment Charge	(I)
Natural Gas Supply Charge	51.372¢	per 100 cubic feet	Purchased Gas Cost Component (Rider A)	(I)
	0.175¢	per 100 cubic feet	Merchant Function Charge (Rider G)	(I)
	<u>1.149¢</u>	per 100 cubic feet	Gas Procurement Charge (Ride H)	
	52.696¢	per 100 cubic feet	Total Natural Gas Supply Charge	(I)

The Natural Gas Supply Charge shall include a Merchant Function Charge (Rider G) to recover uncollectible costs associated with purchase gas costs of 0.3398% and the Gas Procurement Charge (Rider H) to recover costs of procuring natural gas pursuant to 52 Pa. Code §62.223.

The above non-purchased gas cost rates shall be subject to surcharges in accordance with the provisions of Rider B - State Tax Adjustment Surcharge and DSIC - Distribution System Improvement Charge as set forth in this tariff.

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ADDENDUM TO

NATIONAL FUEL GAS
DISTRIBUTION CORPORATION

Supplement No. 280 to
Gas - Pa. P.U.C. No. 9
Seventy-Seventh Revised Page No. 41A
Canceling Seventy-Sixth Revised Page No. 41A

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			
\$37.00	per Month		
Distribution Charges			
24.942¢	per 100 cubic feet		(I)
Gas Adjustment Charge			
2.387¢	per 100 cubic feet	Purchased Gas Cost Component (Rider A)	(I)
<u>0.008¢</u>	per 100 cubic feet	Merchant Function Charge (Rider G)	(I)
2.395¢	per 100 cubic feet	Total Gas Adjustment Charge	(I)
Natural Gas Supply Charge			
51.372¢	per 100 cubic feet	Purchased Gas Cost Component (Rider A)	(I)
0.175¢	per 100 cubic feet	Merchant Function Charge (Rider G)	(I)
<u>1.149¢</u>	per 100 cubic feet	Gas Procurement Charge (Rider H)	(I)
52.696¢	per 100 cubic feet	Total Natural Gas Supply Charge	(I)

The Natural Gas Supply Charge shall include a Merchant Function Charge (Rider G) to recover uncollectible costs associated with purchase gas costs of 0.3398% and the Gas Procurement Charge (Rider H) to recover costs of procuring natural gas pursuant to 52 Pa. Code §62.223.

The above non-purchased gas cost rates shall be subject to surcharges in accordance with the provisions of Rider B - State Tax Adjustment Surcharge and DSIC - Distribution System Improvement Charge as set forth in this tariff.

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ADDENDUM TO

NATIONAL FUEL GAS
DISTRIBUTION CORPORATION

Supplement No. 280 to
Gas - Pa. P.U.C. No. 9
One-Hundred-Twenty-Third Revised Page No. 42
Canceling One-Hundred-Twenty-Second Revised Page No. 42

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

For "Large" Commercial/Public Authority Customers:

Basic Service Charge	\$151.00	per Month		
Distribution Charges	21.009¢	per 100 cubic feet		(I)
Gas Adjustment Charge	2.387¢	per 100 cubic feet	Purchased Gas Cost Component (Rider A)	(I)
	<u>0.008¢</u>	per 100 cubic feet	Merchant Function Charge (Rider G)	(I)
	2.395¢	per 100 cubic feet	Total Gas Adjustment Charge	(I)
Natural Gas Supply Charge	51.372¢	per 100 cubic feet	Purchased Gas Cost Component (Rider A)	(I)
	0.175¢	per 100 cubic feet	Merchant Function Charge (Rider G)	(I)
	<u>1.149¢</u>	per 100 cubic feet	Gas Procurement Charge (Rider H)	(I)
	52.696¢	per 100 cubic feet	Total Natural Gas Supply Charge	(I)

The Natural Gas Supply Charge shall include a Merchant Function Charge (Rider G) to recover uncollectible costs associated with purchase gas costs of 0.3398% and the Gas Procurement Charge (Rider H) to recover costs of procuring natural gas pursuant to 52 Pa. Code §62.223.

The above non-purchased gas cost rates shall be subject to surcharges in accordance with the provisions of Rider B - State Tax Adjustment Surcharge and DSIC - Distribution System Improvement Charge 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

ADDENDUM TO

NATIONAL FUEL GAS
DISTRIBUTION CORPORATION

Supplement No. 280 to
Gas - Pa. P.U.C. No. 9
One-Hundred-Seventh Revised Page No.48
Canceling One-Hundred-Sixth Revised Page No. 48

1. The purchased gas demand costs applicable to the Residential, Commercial and Public Authority, Small Volume Industrial, Intermediate Volume Industrial, Large Volume Industrial and Large Industrial classes, the "DC", shall be obtained from Rider "A" - Section 1307(f) Purchased Gas Costs.
2. The number 12 shall be multiplied by the sum of (a) the volume of gas (expressed in Mcf) purchased from the Company by all Residential, Commercial and Public Authority, Small Volume Industrial, Intermediate Volume Industrial, Large Volume Industrial and Large Industrial customers, during the Company peak Sales Month and (b) the volume of service (expressed in Mcf) to all customers under the "Monthly Volume" provisions of Rate Schedule SB, during the Company Peak Sales Month.
 - (a) "Company Peak Sales Month" is defined as the calendar month within which the Company experienced the System-Wide Peak Sales Day, such month being December, January or February preceding the Section 1307(f) Application Period for which the determination of the rate per Gas BDU is being made.
 - (b) "System-Wide Peak Sales Day" is defined as the day of maximum gas purchased by the Company, including all volumes of gas purchased from the Company throughout its entire system in the states of Pennsylvania and New York.
3. The amount determined in Item 1 above shall be divided by the amount determined in Item 2 above to determine the amount included in the rate for recovery of purchased gas costs.
4. The rate per Gas BDU shall be the amount for purchased gas demand costs (Item 3).

The current rate per Gas BDU is as follows:

Purchased Gas Demand Cost	\$1.2613/BDU	(I)
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Each time there is a change in the provision for recovery of purchased gas costs pursuant to Rider "A" of this tariff, a recomputation shall be made, under Items 1, 2 and 3, above, of the component to be included in the rate for purchased gas demand costs and the rate per Gas BDU shall be changed accordingly.

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ADDENDUM TO

NATIONAL FUEL GAS
DISTRIBUTION CORPORATION

Supplement No. 280 to
Gas - Pa. P.U.C. No. 9
One-Hundred-Fourteenth Revised Page No. 50
Canceling One-Hundred-Thirteenth Revised Page No. 50

B. COMMODITY CHARGES FOR SALES AND FOR TRANSPORTATION SERVICE

1. Commodity Charge for Sales Service

The monthly Commodity Charge for Sales Service shall be the product of multiplying the rate per Mcf, determined as provided below, by the volume of gas sold to the Customer by the Company during the applicable billing cycle.

The rate per Mcf shall be determined as follows and shall be \$3.6844 (I)
per Mcf, subject to revision as provided below:

The current components of the rate are as follows:

Purchased Gas Commodity		
Costs, set forth in Rider "A"	\$3.1278/Mcf	(I)
Non Gas Costs	\$0.5566/Mcf	

a. Determination of Rate per Mcf

The rate per Mcf shall be the sum of:

1. The net amount per Mcf for recovery of the commodity component of purchased gas costs and for recovery or refund of "E" factor amounts, the "PGCC", as determined in Rider "A" - Section 1307(f) Purchased Gas Costs of this tariff;
plus
2. The amount of \$0.5566 per Mcf for recovery of non-gas costs.

Each time there is a change in the provision for recovery of purchased gas costs pursuant to Rider "A" of this tariff, a recomputation shall be made of the commodity component of purchased gas costs (Item 1, above) and the rate per Mcf shall be changed accordingly. The component included in the rate for recovery of non-gas costs shall remain constant until changed in accordance with a procedure, other than a proceeding pursuant to Section 1307(f) of the Public Utility Code, 66 Pa.C.S. Section 1307(f).

2. Commodity Charge for Transportation Service

The monthly Commodity Charge for Transportation Service shall be the product of multiplying the rate per Mcf, determined as provided below, by the volume of gas transported by the Company to the Customer's load balancing facilities.

The rate per Mcf for transportation of gas under this rate schedule shall be \$1.0266 per Mcf, which includes \$0.5566 for recovery of non-gas costs and \$0.4700 for recovery of purchased gas.

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ADDENDUM TO

NATIONAL FUEL GAS
DISTRIBUTION CORPORATION

Supplement No. 280 to
Gas - Pa. P.U.C. No. 9
One-Hundred-Twentieth Revised Page No. 53
Canceling One-Hundred-Nineteenth Revised Page No. 53

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

MONTHLY RATE

Basic Service Charge			
\$82.00	per Month		
Distribution Charges			
25.109¢	per 100 cubic feet		(I)
Gas Adjustment Charge			
2.387¢	per 100 cubic feet	Purchased Gas Cost Component (Rider A)	(I)
<u>0.008¢</u>	per 100 cubic feet	Merchant Function Charge (Rider G)	(I)
2.395¢	per 100 cubic feet	Total Gas Adjustment Charge	(I)
Natural Gas Supply Charge			
51.372¢	per 100 cubic feet	Purchased Gas Cost Component (Rider A)	(I)
0.175¢	per 100 cubic feet	Merchant Function Charge (Rider G)	(I)
<u>1.149¢</u>	per 100 cubic feet	Gas Procurement Charge (Rider H)	
52.696¢	per 100 cubic feet	Total Natural Gas Supply Charge	(I)

The Natural Gas Supply Charge shall include a Merchant Function Charge (Rider G) to recover uncollectible costs associated with purchase gas costs of 0.3398% and the Gas Procurement Charge (Rider H) to recover costs of procuring natural gas pursuant to 52 Pa. Code §62.223.

The above non-purchased gas cost rates shall be subject to surcharges in accordance with the provisions of Rider B - State Tax Adjustment Surcharge and DSIC - Distribution System Improvement Charge.

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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ADDENDUM TO

NATIONAL FUEL GAS
DISTRIBUTION CORPORATION

Supplement No. 280 to
Gas - Pa. P.U.C. No. 9
One-Hundred-Twentieth Revised Page No. 55
Canceling One-Hundred-Nineteenth Revised Page No. 55

IVIS

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

Basic Service Charge			
	\$252.00	per Month	
Distribution Charges			
	17.734¢	per 100 cubic feet	(I)
Gas Adjustment Charge			
	2.387¢	per 100 cubic feet	Purchased Gas Cost Component (I)
			(Rider A)
	<u>0.008¢</u>	per 100 cubic feet	Merchant Function Charge (I)
			(Rider G)
	2.395¢	per 100 cubic feet	Total Gas Adjustment Charge (I)
Natural Gas Supply Charge			
	51.372¢	per 100 cubic feet	Purchased Gas Cost Component (I)
			(Rider A)
	0.175¢	per 100 cubic feet	Merchant Function Charge (I)
			(Rider G)
	<u>1.149¢</u>	per 100 cubic feet	Gas Procurement Charge (Rider H)
	52.696¢	per 100 cubic feet	Total Natural Gas Supply Charge (I)

The Natural Gas Supply Charge shall include a Merchant Function Charge (Rider G) to recover uncollectible costs associated with purchase gas costs of 0.3398% and the Gas Procurement Charge (Rider H) to recover costs of procuring natural gas pursuant to 52 Pa. Code §62.223.

The above non-purchased gas cost rates shall be subject to surcharges in accordance with the provisions of Rider B - State Tax Adjustment Surcharge and DSIC - Distribution System Improvement Charge 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

(D) Indicates Decrease

(I) Indicates Increase

ADDENDUM TO

NATIONAL FUEL GAS
DISTRIBUTION CORPORATION

Supplement No. 280 to
Gas - Pa. P.U.C. No. 9
One-Hundred-Seventh Revised Page No. 61
Canceling One-Hundred-Sixth Revised Page No. 61

Industrial and Large Industrial customers, during the Company peak Sales Month defined in Rate Schedule CPA-LBS and (b) the volumes of service (expressed in Mcf) to all customers under the "Monthly Volume" provisions of Rate Schedule SB, during the Company Peak Sales Month defined in Rate Schedule CPA-LBS.

3. The amount determined in Item 1 above shall be divided by the amount determined in Item 2 above to determine the amount included in the rate for recovery of purchased gas costs.
4. The rate per Gas BDU shall be the amount for purchased gas demand costs (Item 3).

The current rate per Gas BDU is as follows:

Purchased Gas Demand Cost	\$1.2613/BDU	(I)
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Each time there is a change in the provision for recovery of purchased gas costs pursuant to Rider "A" of this tariff, a recomputation shall be made, under Items 1, 2 and 3, above, of the component to be included in the rate for purchased gas demand costs and the rate per Gas BDU shall be changed accordingly.

b. Determination of Customer's Gas BDUs

The Customer's Gas BDUs shall be determined as follows: The actual volumes of gas purchased by the Customer from the Company and used by the Customer in the separately-metered load balancing facilities during such Customer's Peak billing Cycle, as defined hereinafter, shall be multiplied by a fraction. The numerator shall be the number 30. The denominator shall be the number of days of service for which such Customer was billed in such Customer's Peak Billing Cycle.

The Customer's Peak Billing Cycle shall be the single billing cycle of maximum delivery to the Customer's separately-metered load balancing facilities that ended during one of the months of December, January, February and March during the period beginning with the most recently-completed billing cycle ended in December and ending with the current billing cycle.

If the customer used no gas under this rate schedule during the most recently concluded billing cycles ended in December, January, February or March, then the level of Gas BDUs applicable to Customer shall be zero (0).

(D) Indicates Decrease

(I) Indicates Increase

Issued: January 31, 2025

Effective: August 1, 2025

ADDENDUM TO

NATIONAL FUEL GAS
DISTRIBUTION CORPORATION

Supplement No. 280 to
Gas - Pa. P.U.C. No. 9
One-Hundred-Tenth Revised Page No. 62
Canceling One-Hundred-Ninth Revised Page No. 62

2. Margin Demand Charge

- a. The rate per Margin BDU shall be \$.5122 per Margin BDU.
- b. Determination of Customer's Margin BDUs

The Customer's Margin BDUs shall be determined as follows: The actual deliveries of gas to the Customer by Company, including not only volumes of gas purchased by the Customer from the Company and used by the Customer in the separately-metered load balancing facilities but also volumes of Customer-owned gas transported to the Customer's load balancing facilities through the Company's facilities, during such Customer's Peak billing Cycle, as defined hereinafter, shall be multiplied by a fraction. The numerator shall be the number 30. The denominator shall be the number of days of service for which such Customer was billed in such Customer's Peak Billing Cycle.

The Customer's Peak Billing Cycle shall be the single billing cycle of maximum delivery to the Customer's separately-metered load balancing facilities that ended during one of the months of December, January, February and March during the period beginning with the most recently-completed billing cycle ended in December and ending with the current billing cycle.

If the customer used no gas under this rate schedule during the most recently concluded billing cycles ended in December, January, February or March, then the level of Margin BDUs applicable to Customer shall be zero (0).

B. COMMODITY CHARGES FOR SALES AND FOR TRANSPORTATION SERVICE

1. Commodity Charge for Sales Service

The monthly Commodity Charge for Sales Service shall be the product of multiplying the rate per Mcf, determined as provided below, by the volume of gas sold to the Customer by the Company during the applicable billing cycle.

The rate per Mcf shall be determined as follows and shall be \$3.5086 per (I) Mcf, subject to revision as provided below:

The current components of the rate are as follows:

Purchased Gas Commodity		
Costs, set forth in Rider "A"	\$3.1278/Mcf	(I)
Non Gas Costs	\$0.3808/Mcf	

a. Determination of Rate per Mcf

The rate per Mcf shall be the sum of:

1. The net amount per Mcf for recovery of the commodity component of purchased gas costs and for recovery or refund of "E" factor amounts, the "PGCC", as determined in Rider "A" - Section 1307(f) Purchased Gas Costs of this tariff; plus

(D) Indicates Decrease

(I) Indicates Increase

ADDENDUM TO

NATIONAL FUEL GAS
DISTRIBUTION CORPORATION

Supplement No. 280 to
Gas - Pa. P.U.C. No. 9
Forty-Seventh Revised Page No. 63
Canceling Forty-Sixth Revised Page No. 63

2. The amount of \$0.3808 per Mcf for recovery of non-gas costs.

Each time there is a change in the provision for recovery of purchased gas costs pursuant to Rider "A" of this tariff, a recomputation shall be made of the commodity component of purchased gas costs (Item 1, above) and the rate per Mcf shall be changed accordingly. The component included in the rate for recovery of non-gas costs shall remain constant until changed in accordance with a procedure, other than a proceeding pursuant to Section 1307(f) of the Public Utility Code, 66 Pa.C.S. Section 1307(f).

2. Commodity Charge for Transportation Service

The monthly Commodity Charge for Transportation Service shall be the product of multiplying the rate per Mcf, determined as provided below, by the volume of gas transported by the Company to the Customer's load balancing facilities.

The rate per Mcf for transportation of gas under this rate schedule shall be \$0.8908 per Mcf, which includes \$0.3808 for recovery of non-gas costs and \$0.5100 for recovery of purchased gas. (I)

V. SURCHARGE

The non-purchased gas cost Demand Charges and the non-purchased gas cost Commodity Charge for Sales Service and the non-purchased gas cost Commodity Charge for Transportation Service shall be subject to surcharges in accordance with provisions of Rider B - State Tax Adjustment Surcharge and DSIC - Distribution System Improvement Charge.

VI. AMOUNTS TO BE INCLUDED IN OVER/UNDERCOLLECTION OF GAS COSTS

Purchased gas cost revenues billed under this rate schedule shall be included as revenues for recovery of gas costs for purposes of computing Factor "E" of Company's 1307(f) rate in accordance with procedures set forth in Rider "A" - Section 1307(f) Purchased Gas Costs.

VII. SPECIAL PROVISIONS

Monthly metered Special Provisions A through J contained in the Company's Rate Schedule for Transportation Service shall apply to transportation service under this rate schedule.

VIII. 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: January 31, 2025

Effective: August 1, 2025

ADDENDUM TO

NATIONAL FUEL GAS
DISTRIBUTION CORPORATION

Supplement No. 280 to
Gas - Pa. P.U.C. No. 9
One-Hundred-Nineteenth Revised Page No. 65
Canceling One-Hundred-Eighteenth Revised Page No. 65

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			
\$1,023.00	per Month		
Distribution Charges			
14.630¢	per 100 cubic feet		(I)
Gas Adjustment Charge			
2.387¢	per 100 cubic feet	Purchased Gas Cost Component (Rider A)	(I)
<u>0.008¢</u>	per 100 cubic feet	Merchant Function Charge (Rider G)	(I)
2.395¢	Per 100 cubic feet	Total Gas Adjustment Charge	(I)

(D) Indicates Decrease

(I) Indicates Increase

Issued: January 31, 2025

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ADDENDUM TO

NATIONAL FUEL GAS
DISTRIBUTION CORPORATION

Supplement No. 280 to
Gas - Pa. P.U.C. No. 9
Seventy-Fourth Revised Page No. 66
Canceling Seventy-Third Revised Page No. 66

LVIS
Large Volume Industrial Service (Cont'd)

Natural Gas Supply Charge				
51.372¢	per 100 cubic feet	Purchased Gas Cost Component	(I)	
		(Rider A)		
0.175¢	per 100 cubic feet	Merchant Function Charge	(I)	
		(Rider G)		
<u>1.149¢</u>	per 100 cubic feet	Gas Procurement		
		Charge (Rider H)		
52.696¢	per 100 cubic feet	Total Natural Gas Supply	(I)	
	Charge			

The Natural Gas Supply Charge shall include a Merchant Function Charge (Rider G) to recover uncollectible costs associated with purchase gas costs of 0.3398% and the Gas Procurement Charge (Rider H) to recover costs of procuring natural gas pursuant to 52 Pa. Code §62.223.

The above non-purchased gas cost rates shall be subject to surcharges in accordance with provisions of Rider B - State Tax Adjustment Surcharge and DSIC - Distribution System Improvement Charge.

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.

APPLICABLE PERIOD

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

(D) Indicates Decrease

(I) Indicates Increase

Issued: January 31, 2025

Effective: August 1, 2025

ADDENDUM TO

NATIONAL FUEL GAS
DISTRIBUTION CORPORATION

Supplement No. 280 to
Gas - Pa. P.U.C. No. 9
One-Hundred-Seventh Revised Page No.72
Canceling One-Hundred-Sixth Revised Page No.72

Commercial and Public Authority, Small Volume Industrial, Intermediate Volume Industrial, Large Volume Industrial and Large Industrial customers, during the Company Peak Sales Month defined in Rate Schedule CPA-LBS and (b) the volume of service (expressed in Mcf) to all customers under the "Monthly Volume" provisions of Rate Schedule SB, during the Company Peak Sales Month defined in Rate Schedule CPA-LBS.

3. The amount determined in Item 1 above shall be divided by the amount determined in Item 2 above to determine the amount included in the rate for recovery of purchased gas costs.
4. The rate per Gas BDU shall be the amount for purchased gas demand costs (Item 3).

The current rate per Gas BDU is as follows:

Purchased Gas Demand Cost	\$1.2613/BDU	(I)
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Each time there is a change in the provision for recovery of purchased gas costs pursuant to Rider "A" of this tariff, a recomputation shall be made, under Items 1, 2 and 3, above, of the component to be included in the rate for purchased gas demand costs and the rate per Gas BDU shall be changed accordingly.

b. Determination of Customer's Gas BDUs

The Customer's Gas BDUs shall be determined as follows: The actual volumes of gas purchased by the Customer from the Company and used by the Customer in the separately-metered qualifying load balancing facilities during such Customer's Peak billing Cycle, as defined hereinafter, shall be multiplied by a fraction. The numerator shall be the number 30. The denominator shall be the number of days of service for which such Customer was billed in such Customer's Peak Billing Cycle.

The Customer's Peak Billing Cycle shall be the single billing cycle of maximum delivery to the Customer's separately-metered qualifying load balancing facilities that ended during on of the months of December, January, February and March during the period beginning with the most recently-completed billing cycle and ending with the current billing cycle.

If the customer used no gas under this rate schedule during the most recently concluded billing cycles ended in December, January, February or March, then the level of Gas BDUs applicable to Customer shall be zero (0).

(D) Indicates Decrease

(I) Indicates Increase

Issued: January 31, 2025

Effective: August 1, 2025

ADDENDUM TO

NATIONAL FUEL GAS
DISTRIBUTION CORPORATION

Supplement No. 280 to
Gas - Pa. P.U.C. No. 9
One-Hundred-Tenth Revised Page No. 73
Canceling One-Hundred-Ninth Revised Page No. 73

2. Margin Demand Charge

- a. The rate per Margin BDU shall be \$.3182 per Margin BDU.
- b. Determination of Customer's Margin BDUs

The Customer's Margin BDUs shall be determined as follows: The actual deliveries of gas to the Customer by Company, including not only volumes of gas purchased by the Customer from the Company and used by the Customer in the separately-metered load balancing facilities but also volumes of Customer-owned gas transported to the Customer's load balancing facilities through the Company's facilities, during such Customer's Peak billing Cycle, as defined hereinafter, shall be multiplied by a fraction. The numerator shall be the number 30. The denominator shall be the number of days of service for which such Customer was billed in such Customer's Peak Billing Cycle.

The Customer's Peak Billing Cycle shall be the single billing cycle of maximum delivery to the Customer's separately-metered load balancing facilities that ended during one of the months of December, January, February and March during the period beginning with the most recently-completed billing cycle ended in December and ending with the current billing cycle.

If the customer used no gas under this rate schedule during the most recently concluded billing cycles ended in December, January, February or March, then the level of Margin BDUs applicable to Customer shall be zero (0).

B. COMMODITY CHARGES FOR SALES AND FOR TRANSPORTATION SERVICE

1. Commodity Charge for Sales Service

The monthly Commodity Charge for Sales Service shall be the product of multiplying the rate per Mcf, determined as provided below, by the volume of gas sold to the Customer by the Company during the applicable billing cycle.

The rate per Mcf shall be determined as follows and shall be \$3.3751 per (I) Mcf, subject to revision as provided below:

The current components of the rate are as follows:

Purchased Gas Commodity		
Costs, set forth in Rider "A"	\$3.1278/Mcf	(I)
Non Gas Costs	\$0.2473/Mcf	

a. Determination of Rate per Mcf

The rate per Mcf shall be the sum of:

1. The net amount per Mcf for recovery of the commodity component of purchased gas costs and for recovery or refund of "E" factor amounts, the "PGCC", as determined in Rider "A" - Section 1307(f) Purchased Gas Costs of this tariff; plus

D) Indicates Decrease

(I) Indicates Increase

ADDENDUM TO

NATIONAL FUEL GAS
DISTRIBUTION CORPORATION

Supplement No. 280 to
Gas - Pa. P.U.C. No. 9
Forty-Seventh Revised Page No. 74
Canceling Forty-Sixth Revised Page No.74

2. The amount of \$0.2473 per Mcf for recovery of non-gas costs.

Each time there is a change in the provision for recovery of purchased gas costs pursuant to Rider "A" of this tariff, a recomputation shall be made of the commodity component of purchased gas costs (Item 1, above) and the rate per Mcf shall be changed accordingly. The component included in the rate for recovery of non-gas costs shall remain constant until changed in accordance with a procedure, other than a proceeding pursuant to Section 1307(f) of the Public Utility Code, 66 Pa.C.S. Section 1307(f).

2. Commodity Charge for Transportation Service

The monthly Commodity Charge for Transportation Service shall be the product of multiplying the rate per Mcf, determined as provided below, by the volume of gas transported by the Company to the Customer's load balancing facilities.

The rate per Mcf for transportation of gas under this rate schedule shall be \$0.7573 per Mcf, which includes \$0.2473 for recovery of non-gas costs (I) and \$0.5100 for recovery of purchased gas.

V. SURCHARGE

The non-purchased gas cost Demand Charges and the non-purchased gas cost Commodity Charge for Sales Service and the non-purchased gas cost Commodity Charge for Transportation Service shall be subject to surcharges in accordance with provisions of Rider B - State Tax Adjustment Surcharge and DSIC - Distribution System Improvement Charge as set forth in this tariff.

VI. AMOUNTS TO BE INCLUDED IN OVER/UNDERCOLLECTION OF GAS COSTS

Purchased gas cost revenues billed under this rate schedule shall be included as revenues for recovery of gas costs for purposes of computing Factor "E" of Company's 1307(f) rate in accordance with procedures set forth in Rider "A" - Section 1307(f) Purchased Gas Costs.

VII. SPECIAL PROVISIONS

Monthly metered Special Provisions A through J contained in the Company's Rate Schedule for Transportation Service shall apply to transportation service under this rate schedule.

VIII. 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: January 31, 2025

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ADDENDUM TO

NATIONAL FUEL GAS
DISTRIBUTION CORPORATION

Supplement No. 280 to
Gas - Pa. P.U.C. No. 9
One-Hundred-Eighteenth Revised Page No. 76
Canceling One-Hundred-Seventeenth Revised Page No. 76

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

\$1,165.00 per Month

Distribution Charges

10.380¢ per 100 cubic feet

(I)

Gas Adjustment Charge

2.387¢ per 100 cubic feet

Purchased Gas Cost Component
(Rider A)

(I)

0.008¢ per 100 cubic feet

Merchant Function Charge
(Rider G)

(I)

2.395¢ per 100 cubic feet

Total Gas Adjustment Charge

(I)

(D) Indicates Decrease

(I) Indicates Increase

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ADDENDUM TO

NATIONAL FUEL GAS
DISTRIBUTION CORPORATION

Supplement No. 280 to
Gas - Pa. P.U.C. No. 9
Fifty-Ninth Revised Page No. 76A
Canceling Fifty-Eighth Revised Page No. 76A

LIS
Large Industrial Service (Cont'd)

Natural Gas Supply Charge			
51.372¢ per 100 cubic feet		Purchased Gas Cost Component (Rider A)	(I)
0.175¢ per 100 cubic feet		Merchant Function Charge (Rider G)	(I)
<u>1.149¢</u> per 100 cubic feet		Gas Procurement Charge (Rider H)	
52.696¢ per 100 cubic feet		Total Natural Gas Supply Charge	(I)

The Natural Gas Supply Charge shall include a Merchant Function Charge (Rider G) to recover uncollectible costs associated with purchase gas costs of 0.3398% and the Gas Procurement Charge (Rider H) to recover costs of procuring natural gas pursuant to 52 Pa. Code §62.223.

The above non-purchased gas cost rates shall be subject to surcharges in accordance with provisions of Rider B - State Tax Adjustment Surcharge and DSIC - Distribution System Improvement Charge.

GAS SHORTAGE CURTAILMENT

Service under this schedule to an LIS Industrial Customer is subject to curtailment and excess consumption penalty as set forth in Rule 26 of this tariff.

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: January 31 2025

Effective: August 1, 2025

ADDENDUM TO

NATIONAL FUEL GAS
DISTRIBUTION CORPORATION

Supplement No. 280 to
Gas - Pa. P.U.C. No. 9
One-Hundred-Seventh Revised Page No. 79
Canceling One-Hundred-Sixth Revised Page No. 79

LBS and (b) volume of service (expressed in Mcf) to all customers under the "Monthly Volume" provisions of Rate Schedule SB, during the Company Peak Sales Month defined in Rate Schedule CPA-LBS.

- 3. The amount determined in Item 1 above shall be divided by the amount determined in Item 2 above to determine the amount included in the rate for recovery of purchased gas costs.
- 4. The rate per Gas BDU shall be the amount for purchased gas demand costs (Item 3).

The current rate per Gas BDU is as follows:

Purchased Gas Demand Cost	\$1.2613/BDU	(I)
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Each time there is a change in the provision for recovery of purchased gas costs pursuant to Rider "A" of this tariff, a recomputation shall be made, under Items 1, 2 and 3, above, of the component to be included in the rate for purchased gas demand costs and the rate per Gas BDU shall be changed accordingly.

b. Determination of Customer's Gas BDUs

The Customer's Gas BDUs shall be determined as follows: The actual volumes of gas purchased by the Customer from the Company and used by the Customer in the separately-metered load balancing facilities during such Customer's Peak billing Cycle, as defined hereinafter, shall be multiplied by a fraction. The numerator shall be the number 30. The denominator shall be the number of days of service for which such Customer was billed in such Customer's Peak Billing Cycle.

The Customer's Peak Billing Cycle shall be the single billing cycle of maximum delivery to the Customer's separately-metered load balancing facilities that ended during one of the months of December, January, February and March during the period beginning with the most recently-completed billing cycle ended in December and ending with the current billing cycle.

If the customer used no gas under this rate schedule during the most recently concluded billing cycles ended in December, January, February or March, then the level of Gas BDUs applicable to Customer shall be zero (0).

(D) Indicates Decrease

(I) Indicates Increase

ADDENDUM TO

NATIONAL FUEL GAS
DISTRIBUTION CORPORATION

Supplement No. 280 to
Gas - Pa. P.U.C. No. 9
One-Hundred-Tenth Revised Page No. 80
Canceling One-Hundred-Ninth Revised Page No. 80

2. Margin Demand Charge

- a. The rate per Margin BDU shall be \$.2517 per Margin BDU.
- b. Determination of Customer's Margin BDUs

The Customer's Margin BDUs shall be determined as follows: The actual deliveries of gas to the Customer by Company, including not only volumes of gas purchased by the Customer from the Company and used by the Customer in the separately-metered load balancing facilities but also volumes of Customer-owned gas transported to the Customer's load balancing facilities through the Company's facilities, during such Customer's Peak billing Cycle, as defined hereinafter, shall be multiplied by a fraction. The numerator shall be the number 30. The denominator shall be the number of days of service for which such Customer was billed in such Customer's Peak Billing Cycle.

The Customer's Peak Billing Cycle shall be the single billing cycle of maximum delivery to the Customer's separately-metered load balancing facilities that ended during one of the months of December, January, February and March during the period beginning with the most recently-completed billing cycle ended in December and ending with the current billing cycle.

If the customer used no gas under this rate schedule during the most recently concluded billing cycles ended in December, January, February or March, then the level of Margin BDUs applicable to Customer shall be zero (0).

B. COMMODITY CHARGES FOR SALES AND FOR TRANSPORTATION SERVICE

1. Commodity Charge for Sales Service

The monthly Commodity Charge for Sales Service shall be the product of multiplying the rate per Mcf, determined as provided below, by the volume of gas sold to the Customer by the Company during the applicable billing cycle.

The rate per Mcf shall be determined as follows and shall be \$3.3202 per (I) Mcf, subject to revision as provided below:

The current components of the rate are as follows:

Purchased Gas Commodity		
Costs, set forth in Rider "A"	\$3.1278/Mcf	(I)
Non Gas Costs	\$0.1924/Mcf	

a. Determination of Rate per Mcf

The rate per Mcf shall be the sum of:

(D) Indicates Decrease

(I) Indicates Increase

ADDENDUM TO

NATIONAL FUEL GAS
DISTRIBUTION CORPORATION

Supplement No. 280 to
Gas - Pa. P.U.C. No. 9
Forty-Eighth Revised Page No. 81
Canceling Forty-Seventh Revised Page No. 81

1. The net amount per Mcf for recovery of the commodity component of purchased gas costs and for recovery or refund of "E" factor amounts, the "PGCC", as determined in Rider "A" - Section 1307(f) Purchased Gas Costs of this tariff; plus

2. The amount of \$.1924 per Mcf for recovery of non-gas costs.

Each time there is a change in the provision for recovery of purchased gas costs pursuant to Rider "A" of this tariff, a recomputation shall be made of the commodity component of purchased gas costs (Item 1, above) and the rate per Mcf shall be changed accordingly. The component included in the rate for recovery of non-gas costs shall remain constant until changed in accordance with a procedure, other than a proceeding pursuant to Section 1307(f) of the Public Utility Code, 66 Pa.C.S. Section 1307(f).

2. Commodity Charge for Transportation Service

The monthly Commodity Charge for Transportation Service shall be the product of multiplying the rate per Mcf, determined as provided below, by the volume of gas transported by the Company to the Customer's load balancing facilities.

The rate per Mcf for transportation of gas under this rate schedule shall be \$0.7024 per Mcf, which includes \$0.1924 for recovery of non-gas costs and \$0.5100 for recovery of purchased gas. (I)

V. SURCHARGE

The non-purchased gas cost Demand Charges and the non-purchased gas cost Commodity Charge for Sales Service and the non-purchased gas cost Commodity Charge for Transportation Service shall be subject to surcharges in accordance with provisions of Rider B - State Tax Adjustment Surcharge and DSIC - Distribution System Improvement Charge as set forth in this tariff.

VI. AMOUNTS TO BE INCLUDED IN OVER/UNDERCOLLECTION OF GAS COSTS

Purchased gas cost revenues billed under this rate schedule shall be included as revenues for recovery of gas costs for purposes of computing Factor "E" of Company's 1307(f) rate in accordance with procedures set forth in Rider "A" - Section 1307(f) Purchased Gas Costs.

VII. SPECIAL PROVISIONS

Monthly metered Special Provisions A through J contained in the Company's Rate Schedule for Transportation Service shall apply to transportation service under this rate schedule.

VIII. 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: January 31, 2025

Effective: August 1, 2025

ADDENDUM TO

NATIONAL FUEL GAS
DISTRIBUTION CORPORATION

Supplement No. 280 to
Gas - Pa. P.U.C. No. 9
One-Hundred-Eighth Revised Page No. 82
Canceling One-Hundred-Seventh Revised Page No. 82

RATE SCHEDULE - NGV

NATURAL GAS VEHICLE SERVICE

I. APPLICABILITY

Throughout the territory served under this tariff.

II. AVAILABILITY

Sales Service under this rate schedule is available for use of natural gas by a customer directly in a natural gas motor vehicle ("NGV").

III. NATURE OF SERVICE

Service provided in this rate schedule shall be firm service subject to the curtailment priorities of Rule 26. For curtailment purposes, service under this rate schedule shall be defined as curtailment priority number (6), firm large noncritical commercial and industrial requirements other than requirement for boiler fuel use.

IV. RATE

Rates per 100 cu. Ft. shall be established by the Company on the first day of each calendar month for each of the categories set forth below to compete with alternative vehicle fuels. The rates shall not be less than the 100% load factor base cost of gas, plus the take-or-pay surcharge, plus the surcharge for Transition Cost, plus the incremental operating cost incurred by the Company for operating Company owned NGV compression equipment on a per Ccf basis, if any, plus \$0.01 per cu. ft., plus the state tax adjustment surcharge, and not more than the tailblock rate of the Commercial and Public Authority Service Rate Schedule, including all applicable surcharges, plus the incremental operating cost incurred by the Company for operating Company owned NGV compression equipment on a per Ccf basis, if any.

The 100% load factor base cost of gas shall be \$0.43891 per 100 cu. ft. (I)
(as calculated by adding the purchase gas components of the Load Balancing Service Rates).

Purchased Gas 100% Load Factor Demand Cost	\$0.12613/Ccf	(I)
plus Purchased Gas Commodity Cost Equals	<u>\$0.31278/Ccf</u>	(I)
100% Load Factor Base Cost of Gas	\$0.43891/Ccf	(I)

The incremental operating cost for compression shall be \$0.13436/Ccf.

(D) Indicates Decrease

(I) Indicates Increase

ADDENDUM TO

NATIONAL FUEL GAS
DISTRIBUTION CORPORATION

Supplement No. 280 to
Gas - Pa. P.U.C. No. 9
One-Hundred-Thirty-First Revised Page No. 83
Canceling One-Hundred-Thirtieth Revised Page No. 83

Natural gas vehicle customers are classified into the following categories:

NGV(1) All natural gas vehicle customers utilizing Company owned filling facilities. A uniform rate shall be established each month within the parameters set forth above, for customers utilizing Company-owned filling facilities.

The minimum NGV(1) rate shall be: \$0.58275/Ccf (I)

The current components of the minimum NGV(1) rate are as follows:

100% load factor base cost of gas:	\$0.43891/Ccf	(I)
Incremental operating cost of Company owned NGV compression equipment:	\$0.13436/Ccf	
Transition Cost Surcharge	\$0.00000/Ccf	
State Tax Adjustment Surcharge	\$(0.00052)/Ccf	(D)
Minimum allowable Non-Gas cost	\$0.01000/Ccf	

The maximum NGV(1) rate shall be: \$0.89455/Ccf (I)

The current components of the maximum NGV(1) rate are as follows:

Tailblock rate of the Commercial and Public Authority Service Rate schedule:	\$0.76100/Ccf	(I)
Incremental operating cost of Company owned NGV compression equipment:	\$0.13436/Ccf	
State Tax Adjustment Surcharge	\$(0.00081)/Ccf	(D)

NGV(2) Natural gas vehicle customers utilizing customer owned filling facilities. A uniform rate will be established each month within the parameters set forth above, to customers utilizing customer owned filling facilities.

The minimum NGV(2) rate shall be: \$0.44851/Ccf (I)

The current components of the minimum NGV(2) rate are as follows:

100% load factor base cost of gas:	\$0.43891/Ccf	(I)
Transition Cost Surcharge	\$0.00000/Ccf	
State Tax Adjustment Surcharge	\$(0.00040)/Ccf	(D)
Minimum allowable Non-Gas cost	\$0.01000/Ccf	

The maximum NGV(2) rate shall be: \$0.76032/Ccf (I)

(D) Indicates Decrease

(I) Indicates Increase

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ADDENDUM TO

NATIONAL FUEL GAS
DISTRIBUTION CORPORATION

Supplement No. 280 to
Gas - Pa. P.U.C. No. 9
One-Hundred-Twenty-Sixth Revised Page No. 84
Canceling One-Hundred-Twenty-Fifth Revised Page No. 84

The current components of the maximum NGV(2) rate are as follows:

Tailblock rate of the Commercial and Public Authority		(I)
Service Rate schedule:	\$0.76100/Ccf	
State Tax Adjustment Surcharge	\$(0.00068)/Ccf	(D)

V. SURCHARGE

All non-purchased gas cost charges under this rate schedule will be subject to surcharges in accordance with provisions of Rider B - State Tax Adjustment Surcharge and DSIC - Distribution System Improvement Charge as set forth in this tariff.

VI. AMOUNTS TO BE INCLUDED IN OVER/UNDERCOLLECTION OF GAS COSTS

Purchased gas cost revenues billed under this rate schedule shall be included as revenues for recovery of gas costs for purposes of computing Factor "E" of Company's 1307(f) rate in accordance with procedures set forth in Rider "A" - section 1307(f) Purchased Gas Costs. Purchased gas cost revenues recovered under this rate schedule shall be the 100% load factor base cost of gas as defined above.

VII. 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

ADDENDUM TO

NATIONAL FUEL GAS
DISTRIBUTION CORPORATION

Supplement No. 280 to
Gas - Pa. P.U.C. No. 9
Eighty-Third Revised Page No. 93
Canceling Eighty-Second Revised Page No. 93

RATE SCHEDULE PSB

PRIORITY STANDBY SERVICE

APPLICABILITY

Throughout the territory served under this tariff.

AVAILABILITY OF SERVICE

Service under this rate schedule is available to all customers under the Residential, Commercial and Public Authority, and SVIS Rate Schedules which enter into a contract for service under this Rate Schedule. A customer will be permitted to enter into a contract, prepared by the Company, for service under this rate schedule, however, only if the Company projects that sufficient volumes of gas will be available to the Company during the period of the customer's contract for Priority Standby Service.

Service under this rate schedule is mandatory for all customers categorized as Priority 1 under the curtailment priorities of Rule 26 who enter into contracts with the Company to receive Transportation Service and who do not have dual or alternate fuel equipment on site which is installed and operable with sufficient amounts of alternate fuel available on site during each winter period of each year commencing on December 1 and ending on March 31 of the following year. Service under this rate schedule is voluntary for all other customers.

NATURE OF SERVICE

Priority standby service shall permit the customer to purchase gas on a firm basis subject to curtailment priorities of Rule 26. The Company will take all reasonable steps to obtain or to maintain gas supplies sufficient to enable the Company to provide reasonably continuous service to each Customer receiving Priority Standby Service.

MONTHLY RATE

The monthly rate shall be \$1.2284 per Mcf, which shall be applied to the total monthly volumes transported by the customer during the month. (I)

The rate shall equal the PGDC portion of the commodity rate applicable to the corresponding sales rate classification.

(D) Indicates Decrease

(I) Indicates Increase

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ADDENDUM TO

NATIONAL FUEL GAS
DISTRIBUTION CORPORATION

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Gas - Pa. P.U.C. No. 9
Eighty-Third Revised Page No. 95
Canceling Eighty-Second Revised Page No. 95

MONTHLY RATE

The monthly rate shall be \$0.5764 per Mcf, which shall be applied to (I)
the Monthly Volume, as defined below.

MONTHLY VOLUME

The Mcf volume of gas to which the Monthly Rate set forth above shall
be applied, shall be determined for each billing cycle, as set forth below;

1. The volume of gas specified in the Service Agreement under this rate schedule shall be adjusted for each billing cycle by, multiplying such volume, expressed in Mcf, by a fraction. The numerator of the fraction shall be the number of days in the billing cycle applicable to the customer and the denominator shall be thirty (30).
2. If the volume determined under item 1, above, is greater than the sum of the Mcf volume of gas purchased by the customer under rate schedules other than load balancing rate schedules during the billing cycle, the Monthly Rate shall be applied to the difference between: (a) the volume determined under item 1, above, and (b) the Mcf volume of gas purchased by the customer under the rate schedules other than load balancing rate schedules during such billing cycle.
3. If the volume determined under item 1, above, is equal to or less than the Mcf volume of gas purchased by the customer under rate schedules other than load balancing rate schedules during the billing cycle, then the Monthly Volume shall be zero (0) Mcf.

(D) Indicates Decrease

(I) Indicates Increase

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ADDENDUM TO

NATIONAL FUEL GAS
DISTRIBUTION CORPORATION

Supplement No. 280 to
Gas - Pa. P.U.C. No. 9
Fifty-Seventh Revised Page No. 100
Canceling Fifty-Fourth and Fifty-Sixth Revised Page No. 100

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

MONTHLY RATES

Commodity Rates

The commodity rates set forth below contain a component, presently (I)
\$0.5100 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:

\$3.4711 Mcf (I)

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:

- \$2.8094 per Mcf for Small Commercial/Public Authority using not more (I)
than 250 Mcf per year
- \$2.5655 per Mcf for Small Commercial/Public Authority using greater (I)
than 250 Mcf but not more than 1,000 Mcf per year
- \$2.1772 per Mcf for Large Commercial/Public Authority (I)

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:

- \$2.8094 per Mcf for Small Commercial/Public Authority using not more (I)
than 250 Mcf per year
- \$2.5655 per Mcf for Small Commercial/Public Authority using greater (I)
than 250 Mcf but not more than 1,000 Mcf per year
- \$2.1722 per Mcf for Large Commercial/Public Authority (I)

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

\$2.5822per Mcf for SVIS Customers (I)

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

\$2.5822 per Mcf for SVIS Customers (I)

(D) Indicates Decrease

(I) Indicates Increase

ADDENDUM TO

NATIONAL FUEL GAS
DISTRIBUTION CORPORATION

Supplement No. 280 to
Gas - Pa. P.U.C. No. 9
Fifty-Fifth Revised Page No. 101
Canceling Fifty-Second and Fifty-Fourth Revised Page No. 101

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:
\$1.8447 per Mcf for IVIS Customers (I)

For transportation of gas to Intermediate Volume Industrial Customers, the monthly rate for transportation of gas produced outside the Commonwealth of Pennsylvania shall be:
\$1.8447 per Mcf for IVIS Customers (I)

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:
\$1.5343 per Mcf (I)

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:
\$1.5343 per Mcf (I)

For transportation of gas to Large Industrial Customers, the monthly rate for transportation of gas produced within the Commonwealth of Pennsylvania shall be:
\$1.1093 per Mcf (I)

For transportation of gas to Large Industrial Customers, the monthly rate for transportation of gas produced outside the Commonwealth of Pennsylvania shall be:
\$1.1093 per Mcf (I)

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

ADDENDUM TO

NATIONAL FUEL GAS
DISTRIBUTION CORPORATION

Supplement No. 280 to
Gas - Pa. P.U.C. No. 9
One-Hundred-Thirteenth Revised Page No.106
Canceling One-Hundred-Twelfth Revised Page No.106

E. In the event of interruption or curtailment of transportation service, pursuant to items C and D, above, and during such period of interruption or curtailment, the MMT Customer must sell to the Company all or a portion of the MMT Customer's supply of gas at the higher of (1) the Transportation Service Customer's cost of purchased gas at the point of delivery to the Company or (2) the Company's average cost of purchased gas per Mcf, as determined based upon the Company's Section 1307(f) Rate, which is \$5.5714. (I)

F. If for any reason (including the default of an MMNGS Supplier), the MMNGS Supplier fails to provide sufficient daily deliveries of natural gas supplies to meet the MMT Customers DDQ pursuant to the terms of MMNGS supply service, and/or MMT Customer's MMNGS Supplier does not provide complete compensation to the Company for services provided under Rate Schedule MMNGS, Special Provision D.3, the Company shall charge the MMT Customer for the deficient daily deliveries under the applicable gas sales rate schedule plus applicable surcharge as set forth in Rate Schedule SB Special Provisions.

(D) Indicates Decrease

(I) Indicates Increase

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NATIONAL FUEL GAS
DISTRIBUTION CORPORATION

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Gas - Pa. P.U.C. No. 9
One-Hundred-Twelfth Revised Page No. 117
Canceling One-Hundred-Eleventh Revised Page No.117

E. In the event of interruption or curtailment of transportation service, pursuant to items C and D, above, and during such period of interruption or curtailment, the DMT Service Customer must sell to the Company all or a portion of the DMT Service Customer's supply of gas at the higher of (1) the Transportation Service Customer's cost of purchased gas at the point of delivery to the Company or (2) the Company's average cost of purchased gas per Mcf, as determined based upon the Company's Section 1307(f) Rate, which is \$5.5714. (I)

F. If a Gas Service Customer receiving gas transported by the Company uses less than the amount of gas delivered into the Company's system for transportation to such Customer ("excess deliveries"), the Gas Service Customer receiving gas transported by the Company may use such gas during the banking/balancing period defined below, following which the Company shall have the right, but not the obligation, to purchase remaining excess deliveries of gas from the DMT service Customer at a rate equal to the lowest of (1) the cost at which it was acquired by the DMT Service Customer, including pipeline transportation charges, or (2) the Company's average commodity delivered cost of gas to National Fuel Gas Supply Corporation, or (3) the Company's average commodity cost of locally produced gas during the month when excess deliveries were received by the Company. The cost at which the DMT Service Customer acquired the gas will be determined from such Customer's contract with the supplier or by a sworn affidavit setting forth the Customer's cost of gas, including cost of delivery of such gas to the Company's system. Upon request by the Company, the DMT Service Customer will be required to furnish to the Company the DMT service Customer's choice of (1) a copy of this contract or (2) an affidavit. The banking/balancing period shall be the three billing months after the billing month in which the Company received excess deliveries in behalf of the Customer.

G. "Underdeliveries" are volumes of gas taken from the Company by a Gas Service Customer in excess of the sum of (1) any excess deliveries of the customer at the beginning of the day and (2) the volume of gas delivered to the Company for the customer's account, after adjustment for line losses less volumes of volumes of gas determined to be sales by the Company to the customer. Cumulative underdeliveries, as determined each day, in excess of two percent of the volume of gas delivered by the Company to the customer that day, shall be a sale of gas by the Company to the customer under the applicable rate schedule plus applicable surcharges as set forth in Rate Schedule SB Special Provisions and shall not be recharacterized as transportation service under any circumstances. Cumulative underdeliveries of not more than two percent of the volume of gas delivered to a customer by the Company on any day may be offset by volumes of gas delivered to the Company for the customer's account, after adjustment for line losses, in excess of the volume of gas taken by the customer from the Company on subsequent days within the same billing month.

(D) Indicates Decrease

(I) Indicates Increase

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ADDENDUM TO

NATIONAL FUEL GAS
DISTRIBUTION CORPORATION

Supplement No. 280 to
Gas - Pa. P.U.C. No. 9
Sixty-Sixth Revised Page No. 119A
Canceling Sixty-Fifth Revised Page No. 119A

RATE SCHEDULE SATC
SMALL AGGREGATION TRANSPORTATION CUSTOMER SERVICE (Cont'd)

RATES AND CHARGES

A. Customer Transportation Service Rates

The Company will provide transportation services to deliver gas supplies to the SATC Customer(s). The Customer shall be billed the charges for the transportation services rendered for it at the appropriate charges provided herein for which service the SATC Customer qualifies.

The SATC Customer shall pay the following transportation charges for the transportation of gas. The commodity rates set forth below contain a component, presently \$0.04387 per Ccf, for the recovery of purchased gas demand costs and shall be adjusted pursuant to Rider A of the tariff. Such purchased gas costs collected through these rates shall be included as revenues for the recovery of purchased gas costs as specified in Rider A of this tariff. (I)

(D) Indicates Decrease

(I) Indicates Increase

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ADDENDUM TO

NATIONAL FUEL GAS
DISTRIBUTION CORPORATION

Supplement No. 280 to
Gas - Pa. P.U.C. No. 9
One-Hundred-Twentieth Revised Page No. 120
Canceling One-Hundred-Nineteenth Revised Page No. 120

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:

\$14.00	Basic Service Charge	
\$0.33998	per 100 cubic feet (I)	(I)

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:

\$27.00	Basic Service Charge	
\$0.27381	per 100 cubic feet	(I)

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:

\$37.00	Basic Service Charge	
\$0.24942	per 100 cubic feet	(I)

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

\$151.00	Basic Service Charge	
\$0.21009	per 100 cubic feet	(I)

(D) Indicates Decrease

(I) Indicates Increase

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ADDENDUM TO

NATIONAL FUEL GAS
DISTRIBUTION CORPORATION

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One-Hundred-Twenty-Fifth Revised Page No. 121
Canceling One-Hundred-Twenty-Fourth Revised Page No. 121

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:

\$82.00 Basic Service Charge
\$0.25109 per 100 cubic feet (I)

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:

\$252.00 Basic Service Charge
\$0.17734 per 100 cubic feet (I)

B. Miscellaneous Customer Surcharges

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

2. The above non-purchased gas cost SATC rates shall be subject to surcharges in accordance with provisions of Rider B - State Tax Adjustment Surcharge and DSIC - Distribution System Improvement Charge.

(C) Indicates Change

(D) Indicates Decrease

(I) Indicates Increase

RATE SCHEDULE SATS
SMALL AGGREGATION TRANSPORTATION SUPPLIER SERVICE (Cont.)

C. Total Upstream Capacity Requirements for SATS Suppliers

SATS Suppliers shall be required to provide sufficient firm pipeline transportation and storage capacity to meet the estimated extreme day requirements of their SATC Customer groups as further described below. The SATS Suppliers' estimated extreme day requirements of their SATC Customer Group used for Supplier capacity allocations and requirements shall be based on a sixty-two (62) degree day extreme peak day calculation. The Company shall utilize peaking and temperature swing storage capacity retained by the Company and recovered through SATC rates to provide for any variances between actual and forecasted usage and for any peak delivery requirements for days colder than sixty-two (62) degree days.

Such sufficient pipeline transportation and storage capacity shall be provided through the following means:

1. Released ESS Storage Capacity and Associated EFT Capacity

a. Requirements To Be Met Through ESS Storage

52% of extreme peak day requirements shall be provided through the Company's ESS storage and associated EFT transportation capacity on NFGSC. Such NFGSC Storage and transmission capacity shall be released to SATS Suppliers at the maximum rate under the pipeline's FERC gas tariff. (D)

b. Initial Assignment of ESS Storage Capacity

In a month a SATS Supplier begins to serve SATC customers, it shall be provided with an initial assignment of storage capacity, based on the percentage set forth at C.1.a. above, to meet the Supplier's requirements for the upcoming winter period. Approximately fifteen days prior to the close of nominations for the month, the Company will calculate the quantity of storage capacity released to match the SATS Supplier's winter requirements based on the number of SATC Customers aggregated by the Supplier. If the initial assignment takes place in a month other than April, the Company will transfer storage gas to the Supplier pursuant to C.1.c below. The SATS Supplier shall be responsible for all taxes and pipeline fees associated with moving or transferring the storage gas to the Company.

(D) Indicates Decrease

(I) Indicates Increase

ADDENDUM TO

NATIONAL FUEL GAS
DISTRIBUTION CORPORATION

Supplement No. 280 to
Gas - Pa. P.U.C. No. 9
Seventy-Fifth Revised Page No. 127
Canceling Seventy-Fourth Revised Page No. 127

RATE SCHEDULE SATS
SMALL AGGREGATION TRANSPORTATION SUPPLIER SERVICE (Cont.)

c. Additional Assignments of ESS Storage Capacity

Approximately fifteen days prior to the close of nominations for each month, the Company will recalculate the quantity of storage capacity released to match the SATS Supplier's revised winter requirements based on the number of SATC Customers aggregated by the Supplier. If additional SATC Customers join a SATS Supplier's SATC Customer Group, the Company will release additional capacity as required, based on the percentage set forth at C.1.a. above. In addition, the SATS Supplier will be required to pay the Company for storage gas transferred and all taxes and pipeline fees associated with moving or transferring the storage gas to the Supplier. The storage gas transfer rate shall be the sum of (1) the higher of the Company's average cost of gas based upon the Company's Section 1307f rate, or the DMI for the first day of month in which gas is transferred plus all transportation costs to the Company's City Gate, plus (2) the demand Transfer Recovery Rate ("DTR Rate"). The DTR rate shall equal the per Mcf System Average Unrecovered Demand Charge revenue beginning in the month of April through the initial month that storage capacity is released to the Supplier. The System Average Unrecovered demand Charge Revenue shall equal the sum of the differences between the average demand charge revenues and the average fixed demand costs beginning the month of April through the initial month that storage capacity is released to the Supplier.

The DTR by month shall be as follows:

Capacity Transfer <u>Month</u>	DTR <u>\$/Mcf</u>	
April	\$0.00	
May	\$0.00	
June	\$0.00	
July	\$0.00	
August	\$0.00	
September	\$0.00	
October	\$0.00	
November	\$0.94	(I)
December	\$1.31	(I)
January	\$1.09	(I)
February	\$0.56	(I)
March	\$0.00	

(D) Indicates Decrease

(I) Indicates Increase

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RATE SCHEDULE SATS
SMALL AGGREGATION TRANSPORTATION SUPPLIER SERVICE (Cont.)2. Released Transmission Capacity Not Included in SATC
Transportation Rates

48% of extreme peak day requirements is to be provided by the release of pipeline capacity upstream of NFGSC and the release of associated EFT transportation capacity on NFGSC which is not included in transportation rates. All such capacity shall be released to SATS Suppliers, and SATS Suppliers shall take such released capacity, at the maximum rate under the pipeline's FERC gas tariff. The actual pipeline capacity path upstream of NFGSC to be released to the Supplier by the Company shall be designated by the Company from its available capacity. The Company will attempt to accommodate a Supplier's request for particular capacity on a first-come first-serve basis. (I)

As an alternative to the above, the Company may designate an alternative capacity path(s) from its available capacity. The capacity release rate for the pipeline capacity path released to the Supplier shall be \$7.1451/Dth which equals the weighted average demand cost of upstream capacity, however, capacity released on NFGSC will be released at the maximum rate under NFGSC's FERC gas tariff. The Company will post a listing of the alternative capacity path(s) designated, including the associated quantity of capacity, on its web site. (I)

For capacity termination notices, prior to the termination notice date of any capacity contract in this Section C.2., the Company will issue a request for proposals to qualified Suppliers under this tariff to determine if the Company should terminate, renew, or replace such contract, in whole or in part. The Company will terminate a proportionate share of the capacity contract if: (1) Suppliers demonstrate that they will provide comparable firm capacity to serve the Company's core customers, (2) the Suppliers agree to assign such comparable capacity at the contracted price to the Company upon Company request if such capacity is required to meet supply requirements of SATC Customers due to the termination of the SATS Supplier pursuant to Section H.1. or if the Supplier has reduced the level of delivery requirements from the previous periods requirements, and 3) the Commission approves such comparable capacity. Comparable capacity must have firm rights for at least the seven (7) winter months, and such capacity must have primary delivery rights into available primary receipt rights on NFGSC held by the Company. Comparable capacity must have firm capacity rights sufficient in volume and duration (with renewal rights) to serve the customers to be served by the SATS Supplier. The Company will post a listing of capacity contracts, including the associated quantity of capacity, that it determines to be of critical status on its web site.

(D) Indicates Decrease

(I) Indicates Increase

ADDENDUM TO

NATIONAL FUEL GAS
DISTRIBUTION CORPORATION

Supplement No. 280 to
Gas - Pa. P.U.C. No. 9
Eighty-Second Revised Page No. 146G
Canceling Eighty-First Revised Page No. 146G

E. In the event of interruption or curtailment of transportation service, pursuant to items C and D, above, and during such period of interruption or curtailment, the DMLMT Service customer must sell to the Company all or a portion of the DMLMT Service Customer's supply of gas at the higher of (1) the Transportation Service Customer's cost of purchased gas at the point of delivery to the Company or (2) the Company's average cost of purchased gas per Mcf, as determined based upon the Company's Section 1307(f) Rate which is \$5.5714.

(I)

F. If a Gas Service Customer receiving gas transported by the Company uses less than the amount of gas delivered into the Company's system for transportation to such Customer ("excess deliveries"), the Gas Service Customer receiving gas transported by the Company may use such gas during the banking/balancing period defined below, following which the Company shall have the right, but not the obligation, to purchase remaining excess deliveries of gas from the DMLMT Service Customer at a rate equal to the lowest of (1) the cost at which it was acquired by the DMLMT Service Customer, including pipeline transportation charges, or (2) the Company's average commodity delivered cost of gas to National Fuel Gas Supply Corporation, or (3) the Company's average commodity cost of locally-produced gas during the month when excess deliveries were received by the Company. The cost at which the DMLMT Service Customer acquired the gas will be determined from such Customer's contract with the supplier or by a sworn affidavit setting forth the Customer's cost of gas, including cost of delivery of such gas to the Company's system. Upon request by the Company, the DMLMT service Customer will be required to furnish to the Company the DMLMT Service Customer's choice of (1) a copy of this contract or (2) an affidavit. The banking/balancing period shall be the three billing months after the billing month in which the Company received excess deliveries in behalf of the Customer.

G. "Underdeliveries" are volumes of gas taken from the Company by a Gas Service Customer in excess of the sum of (1) any excess deliveries of the customer at the beginning of the day and (2) the volume of gas delivered to the Company for the customer's account, after adjustment for line losses less volumes of gas determined to be sales by the Company to the customer. Cumulative underdeliveries, as determined each day, in excess of two percent of the volume of gas delivered by the Company to the customer that day, shall be a sale of gas by the Company to the customer under the applicable rate schedule plus applicable surcharges as set forth in Rate Schedule SB Special Provisions and shall not be recharacterized as transportation service under any circumstances. Cumulative underdeliveries of not more than two percent of the volume of gas delivered to a customer by the Company on any day may be offset by volumes of gas delivered to the Company for the customer's account, after adjustment for line losses, in excess of the volume of gas taken by the customer from the Company on subsequent days within the same billing month.

(D) Indicates Decrease

(I) Indicates Increase

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ADDENDUM TO

NATIONAL FUEL GAS
DISTRIBUTION CORPORATION

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Gas - Pa. P.U.C. No. 9
One-Hundred-Ninth Revised Page No. 147
Canceling One-Hundred-Eighth Revised Page No. 147

RIDER A
SECTION 1307(F) PURCHASED GAS COSTS
PROVISION FOR RECOVERY OF PURCHASED GAS COSTS

Rates for each Mcf (1,000 cubic feet) of gas supplied under Residential, Low Income Residential Assistance Service, Commercial and Public Authority, Commercial and Public Authority Load Balancing Service ("LBS"), Small Volume Industrial, Intermediate Volume Industrial, Intermediate Volume Industrial LBS, Large Industrial, Large Industrial LBS, Large Volume Industrial, Large Volume Industrial LBS and Natural Gas Vehicle Service rate schedules of this tariff, shall include \$1.9604 per Mcf for recovery of purchased gas commodity costs, calculated in the manner set forth below, pursuant to Section 1307(f) of the Public Utility Code. (I)

Rates for each Mcf (1,000 cubic feet) of gas supplied under Residential, Commercial and Public Authority, Small Volume Industrial Service, Intermediate Volume Industrial, Large Volume Industrial Service, Large Industrial Service and Standby Service rate schedules of this tariff, shall include \$1.8715 per Mcf for recovery of purchased gas demand costs, calculated in the manner set forth below, pursuant to Section 1307(f) of the Public Utility Code. (I)

Rates for each Mcf (1,000 cubic feet) of gas transported under the Small Aggregation Transportation Customer Rate Schedule shall include \$0.3676 per Mcf for the recovery of purchased gas demand costs. (I)

Such rates for gas service shall be increased or decreased, from time to time, as provided by Section 1307(f) of the Public Utility Code and the Commission's regulations, to reflect changes in the level of purchased gas costs.

The amounts per Mcf for recovery of purchased gas costs (commodity and demand) included in rates under each rate schedule of the tariff are as follows:

	Distribution		Gas Adjustment	Natural Gas	
	<u>Total</u>	<u>Charges</u>	<u>Charge</u>	<u>Supply Charge</u>	
Residential	\$5.8146	\$0.4387	\$0.2387	\$5.1372	(I)
Low Income Residential Assistance Service	\$5.8146	\$0.4387	\$0.2387	\$5.1372	(I)
Commercial/Public Authority	\$5.8146	\$0.4387	\$0.2387	\$5.1372	(I)
Small Volume Industrial	\$5.8146	\$0.4387	\$0.2387	\$5.1372	(I)
Intermediate Volume Industrial	\$5.8146	\$0.4387	\$0.2387	\$5.1372	(I)
Large Volume Industrial	\$5.8146	\$0.4387	\$0.2387	\$5.1372	(I)
Large Industrial	\$5.8146	\$0.4387	\$0.2387	\$5.1372	(I)
Standby	\$0.5764				(I)
Priority Standby	\$1.2284				(I)
Small Aggregation Transportation Customer Rate Schedule	\$0.4387	\$0.4387			(I)

(I) Indicates Decrease

(I) Indicates Increase

ADDENDUM TO

NATIONAL FUEL GAS
DISTRIBUTION CORPORATION

Supplement No. 280 to
Gas - Pa. P.U.C. No. 9
Seventy-First Revised Page No. 168
Canceling Seventieth Revised Page No. 168

Rider G Merchant Function Charge (MFC) Rider

Applicability:

The Merchant Function Charge (MFC) shall be added to the Natural Gas Supply Charge and Gas Adjustment Charge of Residential, CAP, Commercial and Public Authority, SVIS, IVIS, LVIS and LIS rate schedules.

Such charges shall be updated quarterly and effective each February 1, May 1, August 1, and November 1 of the year. The charge will also be updated whenever there is a change to the Sales Service Rate Customer Charge, Distribution Charge, Natural Gas Supply Charge or Gas Adjustment Charge.

Calculation of Rate:

For customers receiving service in the Residential classification, the MFC shall equal 1.8032% times the Natural Gas Supply Charge and the Gas Adjustment Clause as calculated for Rider A.

The current Residential MFC Charge is:

Natural Gas Supply Charge per Mcf	\$0.0926	(I)
Gas Adjustment clause (E-Factor) per Mcf	\$0.0043	(I)
Total Residential MFC per Mcf	\$0.0969	(I)

For customers receiving service in the Non-Residential classifications, the MFC shall equal 0.3398% times the Natural Gas Supply Charge and Gas Adjustment Clause as calculated for Rider A.

The current Non-Residential MFC Charge is:

Natural Gas Supply Charge per Mcf	\$0.0175	(I)
Gas Adjustment clause (E-Factor) per Mcf	\$0.0008	(I)
Total Non-Residential MFC per Mcf	\$0.0183	(I)

(C) Indicates Change

(D) Indicates Decrease

(I) Indicates Increase

Issued: January 31, 2025

Effective: August 1, 2025

ADDENDUM TO

NATIONAL FUEL GAS
DISTRIBUTION CORPORATION

Supplement No. 280 to
Gas - Pa. P.U.C. No. 9
Fifty-Eighth Revised Page No. 169
Canceling Fifty-Seventh Revised Page No. 169

Rider H Gas Procurement Charge (GPC)

APPLICABILITY

Effective June 1, 2013, the Gas Procurement Charge will be included in the Natural Gas Supply Charge of Residential, CAP, Commercial and Public Authority, SVIS, IVIS, LVIS and LIS rate schedules.

The charge is designed to recover the costs of procuring natural gas pursuant to 52 Pa. Code §62.223. The natural gas procurement costs included in the GPC charge will only be updated in a base rate case.

The GPC to be included in the Natural Gas Supply Charge shall be \$0.1149 / Mcf and is not reconcilable.

	Residential (¢ per 100 cubic feet)	Non Residential (¢ per 100 cubic feet)	
Price To Compare Component			
Natural Gas Supply Charge			
Purchased Gas Cost Component (Rider A)	51.372	51.372	(I)
Merchant Function Charge associated with Natural Gas Supply Charge (Rider G)	0.926	0.175	(I)
Gas Procurement Charge (Rider H)	<u>1.149</u>	<u>1.149</u>	
Subtotal Natural Gas Supply Charge	53.447	52.696	(I)
Gas Adjustment Charge			
Purchased Gas Cost Component (Rider A)	2.387	2.387	(I)
Merchant Function Charge associated with Gas Adjustment Charge (Rider G)	0.043	0.008	(I)
Subtotal Gas Adjustment Charge	<u>2.430</u>	<u>2.395</u>	(I)
Total Price To Compare	<u>55.877</u>	<u>55.091</u>	(I)

(C) Indicates Change

(D) Indicates Decrease

(I) Indicates Increase

NATIONAL FUEL GAS DISTRIBUTION CORPORATION
BUFFALO, NEW YORK

RATES, RULES AND REGULATIONS

GOVERNING THE FURNISHING

OF

NATURAL GAS SERVICE

IN

TERRITORY DESCRIBED HEREIN

Issued: January 31, 2025

Effective: August 1, 2025

D. L. DeCAROLIS, PRESIDENT
BUFFALO, NEW YORK

LIST OF CHANGES MADE BY THIS TARIFF

INCREASE:

1. Distribution Charge for Residential, Commercial and Public Authority, Small Volume Industrial, Intermediate Volume Industrial, Large Volume Industrial and Large Industrial Service Classes increase.
Pages 36, 36A, 41, 41A, 42, 53, 55, 65, 66, 76
2. Gas Adjustment Charges increase for Residential, Commercial and Public Authority, Small Volumes Industrial, Intermediate Volume Industrial, and Large Industrial Service
Pages 36, 41, 41A, 42, 53, 55, 65, 76
3. 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 increase.
Pages 36A, 41, 41A, 42, 53, 55, 66 and 76A.
4. Demand Charges for Load Balancing Service increase.
Pages 48, 61, 72, 79, 82
5. Commodity Charges for Sales Services increase.
Pages 50, 62, 73, 80
6. Commodity Charges for Transportation Service increase.
Page 50, 63, 74, 81
7. Components of Natural Gas Vehicle rates increase.
Pages 83 and 84.
8. Priority Standby Service monthly rate increase.
Pages 93, 95
9. The price for purchase of gas by Distribution from a transportation service customer in the event of a curtailment or interruption will increase.
Pages 106, 117 and 146G.
10. Purchased gas costs in Rider A increase.
Page 147
11. The Price to Compare shown in Rider H increases.
Page 169.
12. MMT Service Rates increased for Residential, "Small" Commercial/ Public Authority >25,000, "Large" Commercial/ Public Authority, Intermediate Volume Industrial, Large Volume Industrial, and Large Industrial Service Classes.
Pages 100 and 101

LIST OF CHANGES MADE BY THIS TARIFF

INCREASE:

13. SATC Transportation Service rates increase for Residential and Small Volume Industrial.
Page 119A, 120, 121
14. Certain Demand Transfer Recovery Rates ("DTR") increase.
Page 127.
15. SATC Alternative Capacity Release Rate increase.
Page 131.
16. The Merchant Function Charge in Rider G increase.
Page 168.

DECREASE:

1. Components of Natural Gas Vehicle rates decrease.

TABLE OF CONTENTS

		<u>Page</u>
List of Changes.....	2	Two-Hundred-Forty-Seventh Revised
	3	Eighty-Seventh Revised
	3A	Sixth Revised
	3B	First Revised
	3C	First Revised
Table of Contents.....	4	Two-Hundred-Forty-Seventh Revised
	5	One-Hundred-Thirty-Seventh Revised
	6	One-Hundred-Forty-Seventh Revised
	7	One-Hundred-Fifty-Eighth Revised
	7A	One-Hundred-Eighty-Ninth Revised
	Description of Territory.....	8
9		Second Revised
Rules and Regulations.....	10	Third Revised
	11	Sixth Revised
	12	Sixth Revised
	13	Second Revised
	14	Original
	15	Second Revised
	16	Second Revised
	16A	First Revised
	16B	Fourth Revised
	17	Fourth Revised
	18	Original
	19	Original
	20	Fourth Revised
	20A	Original
	20	Fifth Revised
	22	Third Revised
	22A	First Revised
	23	Second Revised
	24	Fourth Revised
	25	Second Revised
	26	First Revised
	27	Third Revised
	28	First Revised
	29	Third Revised
	30	First Revised
	31	First Revised
	32	Seventh Revised
	33	First Revised
	34	Ninth Revised
	34A	Second Revised
	35	Third Revised
	35A	Third Revised
	35B	First Revised
35C	Fifth Revised	
35D	Third Revised	
35E	Ninth Revised	
35F	Original	
35G	Original	
35H	Original	
Residential Service Schedule.....	36	One-Hundred-Twenty-Second Revised
	36A	Fifty-Ninth Revised
Rate Schedule CAP Customer	37	Fourteenth Revised
Assistance Program Service	37A	One-Hundred-Nineteenth Revised

TABLE OF CONTENTS (Cont'd)

	<u>Page</u>	
Rate Schedule CAP (Con't)		
Customer Assistance Program Service	37B	One-Hundred-Third Revised
	37C	Thirteenth Revised
	37D	Sixth Revised
	38	Fourth Revised
	39	Third Revised
Commercial and Public Authority		
Service Rate Schedule	40	Second Revised
	40A	First Revised
	41	One-Hundred-Twenty-Third Revised
	41A	Seventy-Seventh Revised
	42	One-Hundred-Twenty-Third Revised
	42A	First Revised
Commercial Rider BDS - Business		
Development Service Rider	43	Original
	44	Original
	45	Original
Rate Schedule CPA-LBS		
Load Balancing Service for		
Commercial and Public Authority Customers....	46	Second Revised
	47	Original
	48	One-Hundred-Seventh Revised
	49	Sixth Revised
	50	One-Hundred-Fourteenth-Revised
	51	Fifth Revised
Rate Schedule SVIS		
Small Volume Industrial Service.....	52	Original
	53	One-Hundred-Twentieth Revised
	53A	First Revised
Rate Schedule IVIS		
Intermediate Volume Industrial Service	54	Original
	55	One-Hundred-Twentieth Revised
	55A	First Revised
Intermediate Volume Industrial Service		
Rider BDS - Business Development		
Service Rider	56	Original
	57	Original
	58	Original
Rate Schedule IVI-LBS		
Load Balancing Service for		
Intermediate Volume Industrial Customers	59	Second Revised
	60	Original
	61	One-Hundred-Seventh Revised
	62	One-Hundred-Tenth Revised
	63	Forty-Seventh Revised
Rate Schedule LVIS		
Large Volume Industrial Service	64	Original
	65	One-Hundred-Nineteenth Revised
	66	Seventy-Fourth Revised
Large Volume Industrial Service		
BDS - Business Development		
Service Rider	67	Original
	68	Original
	69	Original

TABLE OF CONTENTS (Cont'd)

	<u>Page</u>	
Rate Schedule LVI-LBS		
Load Balancing Service for		
Large Volume Industrial Customers	70	Second Revised
	71	Original
	72	One-Hundred-Seventh Revised
	73	One Hundred-Tenth Revised
	74	Forty-Seventh Revised
Rate Schedule LIS		
Large Industrial Service	75	Original
	76	One-Hundred-Eighteenth Revised
	76A	Fifty-Ninth Revised
Rate Schedule LI-LBS		
Load Balancing Service for		
Large Industrial Customers	77	Second Revised
	78	Original
	79	One-Hundred-Seventh Revised
	80	One-Hundred-Tenth Revised
	81	Forty-Eighth Revised
Rate Schedule NGV		
Natural Gas Vehicle Service	82	One-Hundred-Eighth Revised
	83	One-Hundred-Thirty-First Revised
	84	One-Hundred-Twenty-Sixth Revised
	84A	First Revised
Rate Schedule BP		
Service for Customers		
with Bypass Facilities	85	Original
	86	Sixth Revised
	87	Original
	88	Original
	89	Original
	90	Original
	91	Original
	92	Original
Rate Schedule PSB		
Priority Standby Service.....	93	Eighty-Third Revised
Rate Schedule SB		
Standby Service	94	Original
	95	Eighty-Third Revised
	96	Ninth Revised
	97	Original
Rate Schedule for		
Monthly Metered Transportation Service	98	Fourth Revised
	99	Sixth Revised
	100	Fifty-Seventh Revised
	101	Fifty-Fifth Revised
	102	Eleventh Revised
	103	Seventh Revised
	104	Sixth Revised
	105	Sixth Revised
	106	One-Hundred-Thirteenth Revised
	107	Fourth Revised
	108	Fifth Revised

TABLE OF CONTENTS (Cont'd)

	<u>Page</u>	
Rate Schedule for		
Daily Metered Transportation Service.....	109	Original
	110	Fourth Revised
	111	Tenth Revised
	112	Tenth Revised
	113	Eighth Revised
	114	First Revised
	115	Original
	116	Seventh Revised
	117	One-Hundred-Twelfth Revised
	118	Sixth Revised
 Monthly Metered Natural Gas Supplier Service	 118A	 Fifth Revised
	118B	Twelfth Revised
	118C	Sixth Revised
	118D	Ninth Revised
	118E	Eighth Revised
	118F	Tenth Revised
	118G	Fourth Revised
	118H	Seventh Revised
	118I	Seventh Revised
	118J	Fourth Revised
 Rate Schedule SATC		
Small Aggregation Transportation Customer Service	119 119A 120 121 121A 122 123	Forty-Fourth Revised Sixty-Sixth Revised One-Hundred-Twentieth Revised One-Hundred-Twenty-Fifth Revised First Revised Original First Revised
 Rate Schedule SATS		
Small Aggregation Transportation Supplier Service	124 125 125A 126 127 128 129 130 131 132 133 134 135 135A 136 136A 137 138 139 139A 140 141	Original Fifth Revised Fifth Revised Thirty-Ninth Revised Seventy-Fifth Revised Fourth Revised Eighth Revised Second Revised Seventy-Ninth Revised Original Third Revised Tenth Revised Tenth Revised Original Twelfth Revised Original Second Revised Fourth Revised First Revised Original Ninth Revised Second Revised

TABLE OF CONTENTS (Cont'd)

	<u>Page</u>	
Rate Schedule SATS (Cont'd)		
Small Aggregation Transportation Supplier	142	Original
Service	143	Original
	144	Original
	145	Original
	146	Original
Daily Metered Large Manufacturing	146A	Original
Transportation Service	146B	Original
	146C	Fourth Revised
	146D	Original
	146E	Original
	146F	Fourth Revised
	146G	Eighty-Second Revised
	146H	Third Revised
Rider A -		
Section 1307(f) Purchased Gas Costs	147	One-Hundred-Ninth Revised
	147A	First Revised
	147B	First Revised
	148	Fourth Revised
	149	Fourth Revised
	150	Sixth Revised
	151	Fourth Revised
	152	Seventh Revised
	153	Original
	154	Fourth Revised
	155	Eleventh Revised
	156	Original
Rider B -		
State Tax Adjustment Surcharge.....	157	Eighty-First Revised
Rider C -	158	Eighth Revised
Weather Normalization Adjustment	159	Sixth Revised
	160	First Revised
	161	First Revised
Rider E -		
Customer Education Charge.....	162	Twenty-Fourth Revised
	163	First Revised
Rider F -		
CAP Discount Rate	164	One-Hundred-Twenty-Sixth Revised
	165	Tenth Revised
	166	Ninth Revised
	167	Ninetieth Revised
Rider G		
Merchant Function Charge (MFC) Rider	168	Seventy-First Revised
Rider H		
Gas Procurement Charge (GPC)	169	Fifty-Eighth Revised
TCJA Temporary Surcharge.....	170	Tenth Revised
Rider I OPEB Temporary Surcredit.	171	Sixth Revised
	171A	First Revised
DSIC - Distribution System Improvement Charge...	172	Original
	173	Original
	174	Original
	175	Original

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

\$14.00 per Month

Distribution Charges

33.998¢ per 100 cubic feet

(I)

Gas Adjustment Charge

2.387¢ per 100 cubic feet

Purchased Gas Cost Component
(Rider A)

(I)

0.043¢ per 100 cubic feet

Merchant Function Charge
(Rider G)

(I)

2.430¢ Per 100 cubic feet

Total Gas Adjustment Charge

(I)

(D) Indicates Decrease

(I) Indicates Increase

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RESIDENTIAL SERVICE RATE SCHEDULE (cont.)

Natural Gas Supply Charge			
51.372¢	per 100 cubic feet	Purchased Gas Cost Component (Rider A)	(I)
0.926¢	per 100 cubic feet	Merchant Function Charge (Rider G)	(I)
<u>1.149¢</u>	per 100 cubic feet	Gas Procurement Charge (Rider H)	
53.447¢	per 100 cubic feet Charge	Total Natural Gas Supply	(I)

The Natural Gas Supply Charge shall include a Merchant Function Charge (Rider G) to recover uncollectible costs associated with purchase gas costs of 1.8032% and the Gas Procurement Charge (Rider H) to recover costs of procuring natural gas pursuant to 52 Pa. Code §62.223. The above non-purchased gas cost rates shall be subject to surcharges in accordance with the provisions of Rider B - State Tax Adjustment Surcharge and DSIC - Distribution System Improvement Charge. Residential rate classes shall be subject to Rider F - CAP Discount Charge as set forth in this tariff.

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

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			
\$27.00	per Month		
Distribution Charges			
27.381¢	per 100 cubic feet		(I)
Gas Adjustment Charge			
2.387¢	per 100 cubic feet	Purchased Gas Cost Component (Rider A)	(I)
<u>0.008¢</u>	per 100 cubic feet	Merchant Function Charge (Rider G)	(I)
2.395¢	per 100 cubic feet	Total Gas Adjustment Charge	(I)
Natural Gas Supply Charge			
51.372¢	per 100 cubic feet	Purchased Gas Cost Component (Rider A)	(I)
0.175¢	per 100 cubic feet	Merchant Function Charge (Rider G)	(I)
<u>1.149¢</u>	per 100 cubic feet	Gas Procurement Charge (Ride H)	
52.696¢	per 100 cubic feet	Total Natural Gas Supply Charge	(I)

The Natural Gas Supply Charge shall include a Merchant Function Charge (Rider G) to recover uncollectible costs associated with purchase gas costs of 0.3398% and the Gas Procurement Charge (Rider H) to recover costs of procuring natural gas pursuant to 52 Pa. Code §62.223.

The above non-purchased gas cost rates shall be subject to surcharges in accordance with the provisions of Rider B - State Tax Adjustment Surcharge and DSIC - Distribution System Improvement Charge 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			
	\$37.00	per Month	
Distribution Charges			
	24.942¢	per 100 cubic feet	(I)
Gas Adjustment Charge			
	2.387¢	per 100 cubic feet	Purchased Gas Cost Component (I)
	<u>0.008¢</u>	per 100 cubic feet	Merchant Function Charge (I)
	2.395¢	per 100 cubic feet	Total Gas Adjustment Charge (I)
Natural Gas Supply Charge			
	51.372¢	per 100 cubic feet	Purchased Gas Cost Component (I)
	0.175¢	per 100 cubic feet	Merchant Function Charge (I)
	<u>1.149¢</u>	per 100 cubic feet	Gas Procurement Charge (Rider H)
	52.696¢	per 100 cubic feet	Total Natural Gas Supply Charge (I)

The Natural Gas Supply Charge shall include a Merchant Function Charge (Rider G) to recover uncollectible costs associated with purchase gas costs of 0.3398% and the Gas Procurement Charge (Rider H) to recover costs of procuring natural gas pursuant to 52 Pa. Code §62.223.

The above non-purchased gas cost rates shall be subject to surcharges in accordance with the provisions of Rider B - State Tax Adjustment Surcharge and DSIC - Distribution System Improvement Charge 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			
	\$151.00	per Month	
Distribution Charges			
	21.009¢	per 100 cubic feet	(I)
Gas Adjustment Charge			
	2.387¢	per 100 cubic feet	Purchased Gas Cost Component (I)
			(Rider A)
	<u>0.008¢</u>	per 100 cubic feet	Merchant Function Charge (I)
			(Rider G)
	2.395¢	per 100 cubic feet	Total Gas Adjustment Charge (I)
Natural Gas Supply Charge			
	51.372¢	per 100 cubic feet	Purchased Gas Cost Component (I)
			(Rider A)
	0.175¢	per 100 cubic feet	Merchant Function Charge (I)
			(Rider G)
	<u>1.149¢</u>	per 100 cubic feet	Gas Procurement Charge (I)
			(Rider H)
	52.696¢	per 100 cubic feet	Total Natural Gas Supply Charge (I)

The Natural Gas Supply Charge shall include a Merchant Function Charge (Rider G) to recover uncollectible costs associated with purchase gas costs of 0.3398% and the Gas Procurement Charge (Rider H) to recover costs of procuring natural gas pursuant to 52 Pa. Code §62.223.

The above non-purchased gas cost rates shall be subject to surcharges in accordance with the provisions of Rider B - State Tax Adjustment Surcharge and DSIC - Distribution System Improvement Charge 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

1. The purchased gas demand costs applicable to the Residential, Commercial and Public Authority, Small Volume Industrial, Intermediate Volume Industrial, Large Volume Industrial and Large Industrial classes, the "DC", shall be obtained from Rider "A" - Section 1307(f) Purchased Gas Costs.
2. The number 12 shall be multiplied by the sum of (a) the volume of gas (expressed in Mcf) purchased from the Company by all Residential, Commercial and Public Authority, Small Volume Industrial, Intermediate Volume Industrial, Large Volume Industrial and Large Industrial customers, during the Company peak Sales Month and (b) the volume of service (expressed in Mcf) to all customers under the "Monthly Volume" provisions of Rate Schedule SB, during the Company Peak Sales Month.
 - (a) "Company Peak Sales Month" is defined as the calendar month within which the Company experienced the System-Wide Peak Sales Day, such month being December, January or February preceding the Section 1307(f) Application Period for which the determination of the rate per Gas BDU is being made.
 - (b) "System-Wide Peak Sales Day" is defined as the day of maximum gas purchased by the Company, including all volumes of gas purchased from the Company throughout its entire system in the states of Pennsylvania and New York.
3. The amount determined in Item 1 above shall be divided by the amount determined in Item 2 above to determine the amount included in the rate for recovery of purchased gas costs.
4. The rate per Gas BDU shall be the amount for purchased gas demand costs (Item 3).

The current rate per Gas BDU is as follows:

Purchased Gas Demand Cost	\$1.2613/BDU	(I)
---------------------------	--------------	-----

Each time there is a change in the provision for recovery of purchased gas costs pursuant to Rider "A" of this tariff, a recomputation shall be made, under Items 1, 2 and 3, above, of the component to be included in the rate for purchased gas demand costs and the rate per Gas BDU shall be changed accordingly.

(D) Indicates Decrease

(I) Indicates Increase

Issued: January 31, 2025

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B. COMMODITY CHARGES FOR SALES AND FOR TRANSPORTATION SERVICE

1. Commodity Charge for Sales Service

The monthly Commodity Charge for Sales Service shall be the product of multiplying the rate per Mcf, determined as provided below, by the volume of gas sold to the Customer by the Company during the applicable billing cycle.

The rate per Mcf shall be determined as follows and shall be \$3.6844 (I)
per Mcf, subject to revision as provided below:

The current components of the rate are as follows:

Purchased Gas Commodity Costs, set forth in Rider "A"	\$3.1278/Mcf	(I)
Non Gas Costs	\$0.5566/Mcf	

a. Determination of Rate per Mcf

The rate per Mcf shall be the sum of:

1. The net amount per Mcf for recovery of the commodity component of purchased gas costs and for recovery or refund of "E" factor amounts, the "PGCC", as determined in Rider "A" - Section 1307(f) Purchased Gas Costs of this tariff;
plus
2. The amount of \$0.5566 per Mcf for recovery of non-gas costs.

Each time there is a change in the provision for recovery of purchased gas costs pursuant to Rider "A" of this tariff, a recomputation shall be made of the commodity component of purchased gas costs (Item 1, above) and the rate per Mcf shall be changed accordingly. The component included in the rate for recovery of non-gas costs shall remain constant until changed in accordance with a procedure, other than a proceeding pursuant to Section 1307(f) of the Public Utility Code, 66 Pa.C.S. Section 1307(f).

2. Commodity Charge for Transportation Service

The monthly Commodity Charge for Transportation Service shall be the product of multiplying the rate per Mcf, determined as provided below, by the volume of gas transported by the Company to the Customer's load balancing facilities.

The rate per Mcf for transportation of gas under this rate schedule shall be \$1.0266 per Mcf, which includes \$0.5566 for recovery of non-gas costs and \$0.4700 for recovery of purchased gas.

(D) Indicates Decrease

(I) Indicates Increase

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

MONTHLY RATE

Basic Service Charge			
\$82.00	per Month		
Distribution Charges			
25.109¢	per 100 cubic feet		(I)
Gas Adjustment Charge			
2.387¢	per 100 cubic feet	Purchased Gas Cost Component (Rider A)	(I)
<u>0.008¢</u>	per 100 cubic feet	Merchant Function Charge (Rider G)	(I)
2.395¢	per 100 cubic feet	Total Gas Adjustment Charge	(I)
Natural Gas Supply Charge			
51.372¢	per 100 cubic feet	Purchased Gas Cost Component (Rider A)	(I)
0.175¢	per 100 cubic feet	Merchant Function Charge (Rider G)	(I)
<u>1.149¢</u>	per 100 cubic feet	Gas Procurement Charge (Rider H)	
52.696¢	per 100 cubic feet	Total Natural Gas Supply Charge	(I)

The Natural Gas Supply Charge shall include a Merchant Function Charge (Rider G) to recover uncollectible costs associated with purchase gas costs of 0.3398% and the Gas Procurement Charge (Rider H) to recover costs of procuring natural gas pursuant to 52 Pa. Code §62.223.

The above non-purchased gas cost rates shall be subject to surcharges in accordance with the provisions of Rider B - State Tax Adjustment Surcharge and DSIC - Distribution System Improvement Charge.

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			
\$252.00	per Month		
Distribution Charges			
17.734¢	per 100 cubic feet		(I)
Gas Adjustment Charge			
2.387¢	per 100 cubic feet	Purchased Gas Cost Component (Rider A)	(I)
<u>0.008¢</u>	per 100 cubic feet	Merchant Function Charge (Rider G)	(I)
2.395¢	per 100 cubic feet	Total Gas Adjustment Charge	(I)
Natural Gas Supply Charge			
51.372¢	per 100 cubic feet	Purchased Gas Cost Component (Rider A)	(I)
0.175¢	per 100 cubic feet	Merchant Function Charge (Rider G)	(I)
<u>1.149¢</u>	per 100 cubic feet	Gas Procurement Charge (Rider H)	
52.696¢	per 100 cubic feet	Total Natural Gas Supply Charge	(I)

The Natural Gas Supply Charge shall include a Merchant Function Charge (Rider G) to recover uncollectible costs associated with purchase gas costs of 0.3398% and the Gas Procurement Charge (Rider H) to recover costs of procuring natural gas pursuant to 52 Pa. Code §62.223.

The above non-purchased gas cost rates shall be subject to surcharges in accordance with the provisions of Rider B - State Tax Adjustment Surcharge and DSIC - Distribution System Improvement Charge 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

(D) Indicates Decrease

(I) Indicates Increase

Industrial and Large Industrial customers, during the Company peak Sales Month defined in Rate Schedule CPA-LBS and (b) the volumes of service (expressed in Mcf) to all customers under the "Monthly Volume" provisions of Rate Schedule SB, during the Company Peak Sales Month defined in Rate Schedule CPA-LBS.

3. The amount determined in Item 1 above shall be divided by the amount determined in Item 2 above to determine the amount included in the rate for recovery of purchased gas costs.
4. The rate per Gas BDU shall be the amount for purchased gas demand costs (Item 3).

The current rate per Gas BDU is as follows:

Purchased Gas Demand Cost	\$1.2613/BDU	(I)
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Each time there is a change in the provision for recovery of purchased gas costs pursuant to Rider "A" of this tariff, a recomputation shall be made, under Items 1, 2 and 3, above, of the component to be included in the rate for purchased gas demand costs and the rate per Gas BDU shall be changed accordingly.

b. Determination of Customer's Gas BDUs

The Customer's Gas BDUs shall be determined as follows: The actual volumes of gas purchased by the Customer from the Company and used by the Customer in the separately-metered load balancing facilities during such Customer's Peak billing Cycle, as defined hereinafter, shall be multiplied by a fraction. The numerator shall be the number 30. The denominator shall be the number of days of service for which such Customer was billed in such Customer's Peak Billing Cycle.

The Customer's Peak Billing Cycle shall be the single billing cycle of maximum delivery to the Customer's separately-metered load balancing facilities that ended during one of the months of December, January, February and March during the period beginning with the most recently-completed billing cycle ended in December and ending with the current billing cycle.

If the customer used no gas under this rate schedule during the most recently concluded billing cycles ended in December, January, February or March, then the level of Gas BDUs applicable to Customer shall be zero (0).

(D) Indicates Decrease

(I) Indicates Increase

2. Margin Demand Charge

- a. The rate per Margin BDU shall be \$.5122 per Margin BDU.
- b. Determination of Customer's Margin BDUs

The Customer's Margin BDUs shall be determined as follows: The actual deliveries of gas to the Customer by Company, including not only volumes of gas purchased by the Customer from the Company and used by the Customer in the separately-metered load balancing facilities but also volumes of Customer-owned gas transported to the Customer's load balancing facilities through the Company's facilities, during such Customer's Peak billing Cycle, as defined hereinafter, shall be multiplied by a fraction. The numerator shall be the number 30. The denominator shall be the number of days of service for which such Customer was billed in such Customer's Peak Billing Cycle.

The Customer's Peak Billing Cycle shall be the single billing cycle of maximum delivery to the Customer's separately-metered load balancing facilities that ended during one of the months of December, January, February and March during the period beginning with the most recently-completed billing cycle ended in December and ending with the current billing cycle.

If the customer used no gas under this rate schedule during the most recently concluded billing cycles ended in December, January, February or March, then the level of Margin BDUs applicable to Customer shall be zero (0).

B. COMMODITY CHARGES FOR SALES AND FOR TRANSPORTATION SERVICE

1. Commodity Charge for Sales Service

The monthly Commodity Charge for Sales Service shall be the product of multiplying the rate per Mcf, determined as provided below, by the volume of gas sold to the Customer by the Company during the applicable billing cycle.

The rate per Mcf shall be determined as follows and shall be \$3.5086 per (I) Mcf, subject to revision as provided below:

The current components of the rate are as follows:

Purchased Gas Commodity		
Costs, set forth in Rider "A"	\$3.1278/Mcf	(I)
Non Gas Costs	\$0.3808/Mcf	

a. Determination of Rate per Mcf

The rate per Mcf shall be the sum of:

- 1. The net amount per Mcf for recovery of the commodity component of purchased gas costs and for recovery or refund of "E" factor amounts, the "PGCC", as determined in Rider "A" - Section 1307(f) Purchased Gas Costs of this tariff; plus

(D) Indicates Decrease

(I) Indicates Increase

2. The amount of \$0.3808 per Mcf for recovery of non-gas costs.

Each time there is a change in the provision for recovery of purchased gas costs pursuant to Rider "A" of this tariff, a recomputation shall be made of the commodity component of purchased gas costs (Item 1, above) and the rate per Mcf shall be changed accordingly. The component included in the rate for recovery of non-gas costs shall remain constant until changed in accordance with a procedure, other than a proceeding pursuant to Section 1307(f) of the Public Utility Code, 66 Pa.C.S. Section 1307(f).

2. Commodity Charge for Transportation Service

The monthly Commodity Charge for Transportation Service shall be the product of multiplying the rate per Mcf, determined as provided below, by the volume of gas transported by the Company to the Customer's load balancing facilities.

The rate per Mcf for transportation of gas under this rate schedule shall be \$0.8908 per Mcf, which includes \$0.3808 for recovery of non-gas costs and \$0.5100 for recovery of purchased gas. (I)

V. SURCHARGE

The non-purchased gas cost Demand Charges and the non-purchased gas cost Commodity Charge for Sales Service and the non-purchased gas cost Commodity Charge for Transportation Service shall be subject to surcharges in accordance with provisions of Rider B - State Tax Adjustment Surcharge and DSIC - Distribution System Improvement Charge.

VI. AMOUNTS TO BE INCLUDED IN OVER/UNDERCOLLECTION OF GAS COSTS

Purchased gas cost revenues billed under this rate schedule shall be included as revenues for recovery of gas costs for purposes of computing Factor "E" of Company's 1307(f) rate in accordance with procedures set forth in Rider "A" - Section 1307(f) Purchased Gas Costs.

VII. SPECIAL PROVISIONS

Monthly metered Special Provisions A through J contained in the Company's Rate Schedule for Transportation Service shall apply to transportation service under this rate schedule.

VIII. 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			
\$1,023.00	per Month		
Distribution Charges			
14.630¢	per 100 cubic feet		(I)
Gas Adjustment Charge			
2.387¢	per 100 cubic feet	Purchased Gas Cost Component	(I)
		(Rider A)	
<u>0.008¢</u>	per 100 cubic feet	Merchant Function Charge	(I)
		(Rider G)	
2.395¢	Per 100 cubic feet	Total Gas Adjustment Charge	(I)

(D) Indicates Decrease

(I) Indicates Increase

LVIS
Large Volume Industrial Service (Cont'd)

Natural Gas Supply Charge				
51.372¢	per 100 cubic feet	Purchased Gas Cost Component	(I)	
		(Rider A)		
0.175¢	per 100 cubic feet	Merchant Function Charge	(I)	
		(Rider G)		
<u>1.149¢</u>	per 100 cubic feet	Gas Procurement		
		Charge (Rider H)		
52.696¢	per 100 cubic feet	Total Natural Gas Supply	(I)	
	Charge			

The Natural Gas Supply Charge shall include a Merchant Function Charge (Rider G) to recover uncollectible costs associated with purchase gas costs of 0.3398% and the Gas Procurement Charge (Rider H) to recover costs of procuring natural gas pursuant to 52 Pa. Code §62.223.

The above non-purchased gas cost rates shall be subject to surcharges in accordance with provisions of Rider B - State Tax Adjustment Surcharge and DSIC - Distribution System Improvement Charge.

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.

APPLICABLE PERIOD

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

(D) Indicates Decrease

(I) Indicates Increase

Commercial and Public Authority, Small Volume Industrial, Intermediate Volume Industrial, Large Volume Industrial and Large Industrial customers, during the Company Peak Sales Month defined in Rate Schedule CPA-LBS and (b) the volume of service (expressed in Mcf) to all customers under the "Monthly Volume" provisions of Rate Schedule SB, during the Company Peak Sales Month defined in Rate Schedule CPA-LBS.

3. The amount determined in Item 1 above shall be divided by the amount determined in Item 2 above to determine the amount included in the rate for recovery of purchased gas costs.
4. The rate per Gas BDU shall be the amount for purchased gas demand costs (Item 3).

The current rate per Gas BDU is as follows:

Purchased Gas Demand Cost	\$1.2613/BDU	(I)
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Each time there is a change in the provision for recovery of purchased gas costs pursuant to Rider "A" of this tariff, a recomputation shall be made, under Items 1, 2 and 3, above, of the component to be included in the rate for purchased gas demand costs and the rate per Gas BDU shall be changed accordingly.

b. Determination of Customer's Gas BDUs

The Customer's Gas BDUs shall be determined as follows: The actual volumes of gas purchased by the Customer from the Company and used by the Customer in the separately-metered qualifying load balancing facilities during such Customer's Peak billing Cycle, as defined hereinafter, shall be multiplied by a fraction. The numerator shall be the number 30. The denominator shall be the number of days of service for which such Customer was billed in such Customer's Peak Billing Cycle.

The Customer's Peak Billing Cycle shall be the single billing cycle of maximum delivery to the Customer's separately-metered qualifying load balancing facilities that ended during on of the months of December, January, February and March during the period beginning with the most recently-completed billing cycle and ending with the current billing cycle.

If the customer used no gas under this rate schedule during the most recently concluded billing cycles ended in December, January, February or March, then the level of Gas BDUs applicable to Customer shall be zero (0).

(D) Indicates Decrease

(I) Indicates Increase

2. Margin Demand Charge

- a. The rate per Margin BDU shall be \$.3182 per Margin BDU.
- b. Determination of Customer's Margin BDUs

The Customer's Margin BDUs shall be determined as follows: The actual deliveries of gas to the Customer by Company, including not only volumes of gas purchased by the Customer from the Company and used by the Customer in the separately-metered load balancing facilities but also volumes of Customer-owned gas transported to the Customer's load balancing facilities through the Company's facilities, during such Customer's Peak billing Cycle, as defined hereinafter, shall be multiplied by a fraction. The numerator shall be the number 30. The denominator shall be the number of days of service for which such Customer was billed in such Customer's Peak Billing Cycle.

The Customer's Peak Billing Cycle shall be the single billing cycle of maximum delivery to the Customer's separately-metered load balancing facilities that ended during one of the months of December, January, February and March during the period beginning with the most recently-completed billing cycle ended in December and ending with the current billing cycle.

If the customer used no gas under this rate schedule during the most recently concluded billing cycles ended in December, January, February or March, then the level of Margin BDUs applicable to Customer shall be zero (0).

B. COMMODITY CHARGES FOR SALES AND FOR TRANSPORTATION SERVICE

1. Commodity Charge for Sales Service

The monthly Commodity Charge for Sales Service shall be the product of multiplying the rate per Mcf, determined as provided below, by the volume of gas sold to the Customer by the Company during the applicable billing cycle.

The rate per Mcf shall be determined as follows and shall be \$3.3751 per (I) Mcf, subject to revision as provided below:

The current components of the rate are as follows:

Purchased Gas Commodity		
Costs, set forth in Rider "A"	\$3.1278/Mcf	(I)
Non Gas Costs	\$0.2473/Mcf	

a. Determination of Rate per Mcf

The rate per Mcf shall be the sum of:

- 1. The net amount per Mcf for recovery of the commodity component of purchased gas costs and for recovery or refund of "E" factor amounts, the "PGCC", as determined in Rider "A" - Section 1307(f) Purchased Gas Costs of this tariff; plus

D) Indicates Decrease

(I) Indicates Increase

2. The amount of \$0.2473 per Mcf for recovery of non-gas costs.

Each time there is a change in the provision for recovery of purchased gas costs pursuant to Rider "A" of this tariff, a recomputation shall be made of the commodity component of purchased gas costs (Item 1, above) and the rate per Mcf shall be changed accordingly. The component included in the rate for recovery of non-gas costs shall remain constant until changed in accordance with a procedure, other than a proceeding pursuant to Section 1307(f) of the Public Utility Code, 66 Pa.C.S. Section 1307(f).

2. Commodity Charge for Transportation Service

The monthly Commodity Charge for Transportation Service shall be the product of multiplying the rate per Mcf, determined as provided below, by the volume of gas transported by the Company to the Customer's load balancing facilities.

The rate per Mcf for transportation of gas under this rate schedule shall be \$0.7573 per Mcf, which includes \$0.2473 for recovery of non-gas costs (I) and \$0.5100 for recovery of purchased gas.

V. SURCHARGE

The non-purchased gas cost Demand Charges and the non-purchased gas cost Commodity Charge for Sales Service and the non-purchased gas cost Commodity Charge for Transportation Service shall be subject to surcharges in accordance with provisions of Rider B - State Tax Adjustment Surcharge and DSIC - Distribution System Improvement Charge as set forth in this tariff.

VI. AMOUNTS TO BE INCLUDED IN OVER/UNDERCOLLECTION OF GAS COSTS

Purchased gas cost revenues billed under this rate schedule shall be included as revenues for recovery of gas costs for purposes of computing Factor "E" of Company's 1307(f) rate in accordance with procedures set forth in Rider "A" - Section 1307(f) Purchased Gas Costs.

VII. SPECIAL PROVISIONS

Monthly metered Special Provisions A through J contained in the Company's Rate Schedule for Transportation Service shall apply to transportation service under this rate schedule.

VIII. 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

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
\$1,165.00 per Month

Distribution Charges
10.380¢ per 100 cubic feet (I)

Gas Adjustment Charge			
2.387¢ per 100 cubic feet	Purchased Gas Cost Component	(I)	
	(Rider A)		
0.008¢ per 100 cubic feet	Merchant Function Charge	(I)	
	(Rider G)		
2.395¢ per 100 cubic feet	Total Gas Adjustment Charge	(I)	

(D) Indicates Decrease

(I) Indicates Increase

LIS
Large Industrial Service (Cont'd)

Natural Gas Supply Charge			
51.372¢ per 100 cubic feet		Purchased Gas Cost Component (Rider A)	(I)
0.175¢ per 100 cubic feet		Merchant Function Charge (Rider G)	(I)
<u>1.149¢</u> per 100 cubic feet		Gas Procurement Charge (Rider H)	
52.696¢ per 100 cubic feet		Total Natural Gas Supply Charge	(I)

The Natural Gas Supply Charge shall include a Merchant Function Charge (Rider G) to recover uncollectible costs associated with purchase gas costs of 0.3398% and the Gas Procurement Charge (Rider H) to recover costs of procuring natural gas pursuant to 52 Pa. Code §62.223.

The above non-purchased gas cost rates shall be subject to surcharges in accordance with provisions of Rider B - State Tax Adjustment Surcharge and DSIC - Distribution System Improvement Charge.

GAS SHORTAGE CURTAILMENT

Service under this schedule to an LIS Industrial Customer is subject to curtailment and excess consumption penalty as set forth in Rule 26 of this tariff.

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

LBS and (b) volume of service (expressed in Mcf) to all customers under the "Monthly Volume" provisions of Rate Schedule SB, during the Company Peak Sales Month defined in Rate Schedule CPA-LBS.

3. The amount determined in Item 1 above shall be divided by the amount determined in Item 2 above to determine the amount included in the rate for recovery of purchased gas costs.
4. The rate per Gas BDU shall be the amount for purchased gas demand costs (Item 3).

The current rate per Gas BDU is as follows:

Purchased Gas Demand Cost	\$1.2613/BDU	(I)
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Each time there is a change in the provision for recovery of purchased gas costs pursuant to Rider "A" of this tariff, a recomputation shall be made, under Items 1, 2 and 3, above, of the component to be included in the rate for purchased gas demand costs and the rate per Gas BDU shall be changed accordingly.

b. Determination of Customer's Gas BDUs

The Customer's Gas BDUs shall be determined as follows: The actual volumes of gas purchased by the Customer from the Company and used by the Customer in the separately-metered load balancing facilities during such Customer's Peak billing Cycle, as defined hereinafter, shall be multiplied by a fraction. The numerator shall be the number 30. The denominator shall be the number of days of service for which such Customer was billed in such Customer's Peak Billing Cycle.

The Customer's Peak Billing Cycle shall be the single billing cycle of maximum delivery to the Customer's separately-metered load balancing facilities that ended during one of the months of December, January, February and March during the period beginning with the most recently-completed billing cycle ended in December and ending with the current billing cycle.

If the customer used no gas under this rate schedule during the most recently concluded billing cycles ended in December, January, February or March, then the level of Gas BDUs applicable to Customer shall be zero (0).

(D) Indicates Decrease

(I) Indicates Increase

2. Margin Demand Charge

a. The rate per Margin BDU shall be \$.2517 per Margin BDU.

b. Determination of Customer's Margin BDUs

The Customer's Margin BDUs shall be determined as follows: The actual deliveries of gas to the Customer by Company, including not only volumes of gas purchased by the Customer from the Company and used by the Customer in the separately-metered load balancing facilities but also volumes of Customer-owned gas transported to the Customer's load balancing facilities through the Company's facilities, during such Customer's Peak billing Cycle, as defined hereinafter, shall be multiplied by a fraction. The numerator shall be the number 30. The denominator shall be the number of days of service for which such Customer was billed in such Customer's Peak Billing Cycle.

The Customer's Peak Billing Cycle shall be the single billing cycle of maximum delivery to the Customer's separately-metered load balancing facilities that ended during one of the months of December, January, February and March during the period beginning with the most recently-completed billing cycle ended in December and ending with the current billing cycle.

If the customer used no gas under this rate schedule during the most recently concluded billing cycles ended in December, January, February or March, then the level of Margin BDUs applicable to Customer shall be zero (0).

B. COMMODITY CHARGES FOR SALES AND FOR TRANSPORTATION SERVICE

1. Commodity Charge for Sales Service

The monthly Commodity Charge for Sales Service shall be the product of multiplying the rate per Mcf, determined as provided below, by the volume of gas sold to the Customer by the Company during the applicable billing cycle.

The rate per Mcf shall be determined as follows and shall be \$3.3202 per (I) Mcf, subject to revision as provided below:

The current components of the rate are as follows:

Purchased Gas Commodity		
Costs, set forth in Rider "A"	\$3.1278/Mcf	(I)
Non Gas Costs	\$0.1924/Mcf	

a. Determination of Rate per Mcf

The rate per Mcf shall be the sum of:

(D) Indicates Decrease

(I) Indicates Increase

1. The net amount per Mcf for recovery of the commodity component of purchased gas costs and for recovery or refund of "E" factor amounts, the "PGCC", as determined in Rider "A" - Section 1307(f) Purchased Gas Costs of this tariff; plus

2. The amount of \$.1924 per Mcf for recovery of non-gas costs.

Each time there is a change in the provision for recovery of purchased gas costs pursuant to Rider "A" of this tariff, a recomputation shall be made of the commodity component of purchased gas costs (Item 1, above) and the rate per Mcf shall be changed accordingly. The component included in the rate for recovery of non-gas costs shall remain constant until changed in accordance with a procedure, other than a proceeding pursuant to Section 1307(f) of the Public Utility Code, 66 Pa.C.S. Section 1307(f).

2. Commodity Charge for Transportation Service

The monthly Commodity Charge for Transportation Service shall be the product of multiplying the rate per Mcf, determined as provided below, by the volume of gas transported by the Company to the Customer's load balancing facilities.

The rate per Mcf for transportation of gas under this rate schedule shall be \$0.7024 per Mcf, which includes \$0.1924 for recovery of non-gas costs and \$0.5100 for recovery of purchased gas. (I)

V. SURCHARGE

The non-purchased gas cost Demand Charges and the non-purchased gas cost Commodity Charge for Sales Service and the non-purchased gas cost Commodity Charge for Transportation Service shall be subject to surcharges in accordance with provisions of Rider B - State Tax Adjustment Surcharge and DSIC - Distribution System Improvement Charge as set forth in this tariff.

VI. AMOUNTS TO BE INCLUDED IN OVER/UNDERCOLLECTION OF GAS COSTS

Purchased gas cost revenues billed under this rate schedule shall be included as revenues for recovery of gas costs for purposes of computing Factor "E" of Company's 1307(f) rate in accordance with procedures set forth in Rider "A" - Section 1307(f) Purchased Gas Costs.

VII. SPECIAL PROVISIONS

Monthly metered Special Provisions A through J contained in the Company's Rate Schedule for Transportation Service shall apply to transportation service under this rate schedule.

VIII. 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

RATE SCHEDULE - NGV

NATURAL GAS VEHICLE SERVICE

I. APPLICABILITY

Throughout the territory served under this tariff.

II. AVAILABILITY

Sales Service under this rate schedule is available for use of natural gas by a customer directly in a natural gas motor vehicle ("NGV").

III. NATURE OF SERVICE

Service provided in this rate schedule shall be firm service subject to the curtailment priorities of Rule 26. For curtailment purposes, service under this rate schedule shall be defined as curtailment priority number (6), firm large noncritical commercial and industrial requirements other than requirement for boiler fuel use.

IV. RATE

Rates per 100 cu. Ft. shall be established by the Company on the first day of each calendar month for each of the categories set forth below to compete with alternative vehicle fuels. The rates shall not be less than the 100% load factor base cost of gas, plus the take-or-pay surcharge, plus the surcharge for Transition Cost, plus the incremental operating cost incurred by the Company for operating Company owned NGV compression equipment on a per Ccf basis, if any, plus \$0.01 per cu. ft., plus the state tax adjustment surcharge, and not more than the tailblock rate of the Commercial and Public Authority Service Rate Schedule, including all applicable surcharges, plus the incremental operating cost incurred by the Company for operating Company owned NGV compression equipment on a per Ccf basis, if any.

The 100% load factor base cost of gas shall be \$0.43891 per 100 cu. ft. (I)
(as calculated by adding the purchase gas components of the Load Balancing Service Rates).

Purchased Gas 100% Load Factor Demand Cost	\$0.12613/Ccf	(I)
plus Purchased Gas Commodity Cost Equals	<u>\$0.31278/Ccf</u>	(I)
100% Load Factor Base Cost of Gas	\$0.43891/Ccf	(I)

The incremental operating cost for compression shall be \$0.13436/Ccf.

(D) Indicates Decrease

(I) Indicates Increase

Natural gas vehicle customers are classified into the following categories:

NGV(1) All natural gas vehicle customers utilizing Company owned filling facilities. A uniform rate shall be established each month within the parameters set forth above, for customers utilizing Company-owned filling facilities.

The minimum NGV(1) rate shall be: \$0.58275/Ccf (I)

The current components of the minimum NGV(1) rate are as follows:

100% load factor base cost of gas:	\$0.43891/Ccf	(I)
Incremental operating cost of Company owned NGV compression equipment:	\$0.13436/Ccf	
Transition Cost Surcharge	\$0.00000/Ccf	
State Tax Adjustment Surcharge	\$(0.00052)/Ccf	(D)
Minimum allowable Non-Gas cost	\$0.01000/Ccf	

The maximum NGV(1) rate shall be: \$0.89455/Ccf (I)

The current components of the maximum NGV(1) rate are as follows:

Tailblock rate of the Commercial and Public Authority Service Rate schedule:	\$0.76100/Ccf	(I)
Incremental operating cost of Company owned NGV compression equipment:	\$0.13436/Ccf	
State Tax Adjustment Surcharge	\$(0.00081)/Ccf	(D)

NGV(2) Natural gas vehicle customers utilizing customer owned filling facilities. A uniform rate will be established each month within the parameters set forth above, to customers utilizing customer owned filling facilities.

The minimum NGV(2) rate shall be: \$0.44851/Ccf (I)

The current components of the minimum NGV(2) rate are as follows:

100% load factor base cost of gas:	\$0.43891/Ccf	(I)
Transition Cost Surcharge	\$0.00000/Ccf	
State Tax Adjustment Surcharge	\$(0.00040)/Ccf	(D)
Minimum allowable Non-Gas cost	\$0.01000/Ccf	

The maximum NGV(2) rate shall be: \$0.76032/Ccf (I)

(D) Indicates Decrease

(I) Indicates Increase

The current components of the maximum NGV(2) rate are as follows:

Tailblock rate of the Commercial and Public Authority		(I)
Service Rate schedule:	\$0.76100/Ccf	
State Tax Adjustment Surcharge	\$(0.00068)/Ccf	(D)

V. SURCHARGE

All non-purchased gas cost charges under this rate schedule will be subject to surcharges in accordance with provisions of Rider B - State Tax Adjustment Surcharge and DSIC - Distribution System Improvement Charge as set forth in this tariff.

VI. AMOUNTS TO BE INCLUDED IN OVER/UNDERCOLLECTION OF GAS COSTS

Purchased gas cost revenues billed under this rate schedule shall be included as revenues for recovery of gas costs for purposes of computing Factor "E" of Company's 1307(f) rate in accordance with procedures set forth in Rider "A" - section 1307(f) Purchased Gas Costs. Purchased gas cost revenues recovered under this rate schedule shall be the 100% load factor base cost of gas as defined above.

VII. 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

RATE SCHEDULE PSB

PRIORITY STANDBY SERVICE

APPLICABILITY

Throughout the territory served under this tariff.

AVAILABILITY OF SERVICE

Service under this rate schedule is available to all customers under the Residential, Commercial and Public Authority, and SVIS Rate Schedules which enter into a contract for service under this Rate Schedule. A customer will be permitted to enter into a contract, prepared by the Company, for service under this rate schedule, however, only if the Company projects that sufficient volumes of gas will be available to the Company during the period of the customer's contract for Priority Standby Service.

Service under this rate schedule is mandatory for all customers categorized as Priority 1 under the curtailment priorities of Rule 26 who enter into contracts with the Company to receive Transportation Service and who do not have dual or alternate fuel equipment on site which is installed and operable with sufficient amounts of alternate fuel available on site during each winter period of each year commencing on December 1 and ending on March 31 of the following year. Service under this rate schedule is voluntary for all other customers.

NATURE OF SERVICE

Priority standby service shall permit the customer to purchase gas on a firm basis subject to curtailment priorities of Rule 26. The Company will take all reasonable steps to obtain or to maintain gas supplies sufficient to enable the Company to provide reasonably continuous service to each Customer receiving Priority Standby Service.

MONTHLY RATE

The monthly rate shall be \$1.2284 per Mcf, which shall be applied to the total monthly volumes transported by the customer during the month. (I)

The rate shall equal the PGDC portion of the commodity rate applicable to the corresponding sales rate classification.

(D) Indicates Decrease

(I) Indicates Increase

Issued: January 31, 2025

Effective: August 1, 2025

MONTHLY RATE

The monthly rate shall be \$0.5764 per Mcf, which shall be applied to the Monthly Volume, as defined below. (I)

MONTHLY VOLUME

The Mcf volume of gas to which the Monthly Rate set forth above shall be applied, shall be determined for each billing cycle, as set forth below;

1. The volume of gas specified in the Service Agreement under this rate schedule shall be adjusted for each billing cycle by, multiplying such volume, expressed in Mcf, by a fraction. The numerator of the fraction shall be the number of days in the billing cycle applicable to the customer and the denominator shall be thirty (30).
2. If the volume determined under item 1, above, is greater than the sum of the Mcf volume of gas purchased by the customer under rate schedules other than load balancing rate schedules during the billing cycle, the Monthly Rate shall be applied to the difference between: (a) the volume determined under item 1, above, and (b) the Mcf volume of gas purchased by the customer under the rate schedules other than load balancing rate schedules during such billing cycle.
3. If the volume determined under item 1, above, is equal to or less than the Mcf volume of gas purchased by the customer under rate schedules other than load balancing rate schedules during the billing cycle, then the Monthly Volume shall be zero (0) Mcf.

(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 (I)
\$0.5100 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:

\$3.4711 Mcf (I)

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:

\$2.8094 per Mcf for Small Commercial/Public Authority using not more (I)
than 250 Mcf per year

\$2.5655 per Mcf for Small Commercial/Public Authority using greater (I)
than 250 Mcf but not more than 1,000 Mcf per year

\$2.1772 per Mcf for Large Commercial/Public Authority (I)

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:

\$2.8094 per Mcf for Small Commercial/Public Authority using not more (I)
than 250 Mcf per year

\$2.5655 per Mcf for Small Commercial/Public Authority using greater (I)
than 250 Mcf but not more than 1,000 Mcf per year

\$2.1722 per Mcf for Large Commercial/Public Authority (I)

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

\$2.5822 per Mcf for SVIS Customers (I)

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

\$2.5822 per Mcf for SVIS Customers (I)

(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:
\$1.8447 per Mcf for IVIS Customers (I)

For transportation of gas to Intermediate Volume Industrial Customers, the monthly rate for transportation of gas produced outside the Commonwealth of Pennsylvania shall be:
\$1.8447 per Mcf for IVIS Customers (I)

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:
\$1.5343 per Mcf (I)

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:
\$1.5343 per Mcf (I)

For transportation of gas to Large Industrial Customers, the monthly rate for transportation of gas produced within the Commonwealth of Pennsylvania shall be:
\$1.1093 per Mcf (I)

For transportation of gas to Large Industrial Customers, the monthly rate for transportation of gas produced outside the Commonwealth of Pennsylvania shall be:
\$1.1093 per Mcf (I)

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

E. In the event of interruption or curtailment of transportation service, pursuant to items C and D, above, and during such period of interruption or curtailment, the MMT Customer must sell to the Company all or a portion of the MMT Customer's supply of gas at the higher of (1) the Transportation Service Customer's cost of purchased gas at the point of delivery to the Company or (2) the Company's average cost of purchased gas per Mcf, as determined based upon the Company's Section 1307(f) Rate, which is \$5.5714. (I)

F. If for any reason (including the default of an MMNGS Supplier), the MMNGS Supplier fails to provide sufficient daily deliveries of natural gas supplies to meet the MMT Customers DDQ pursuant to the terms of MMNGS supply service, and/or MMT Customer's MMNGS Supplier does not provide complete compensation to the Company for services provided under Rate Schedule MMNGS, Special Provision D.3, the Company shall charge the MMT Customer for the deficient daily deliveries under the applicable gas sales rate schedule plus applicable surcharge as set forth in Rate Schedule SB Special Provisions.

(D) Indicates Decrease

(I) Indicates Increase

E. In the event of interruption or curtailment of transportation service, pursuant to items C and D, above, and during such period of interruption or curtailment, the DMT Service Customer must sell to the Company all or a portion of the DMT Service Customer's supply of gas at the higher of (1) the Transportation Service Customer's cost of purchased gas at the point of delivery to the Company or (2) the Company's average cost of purchased gas per Mcf, as determined based upon the Company's Section 1307(f) Rate, which is \$5.5714. (I)

F. If a Gas Service Customer receiving gas transported by the Company uses less than the amount of gas delivered into the Company's system for transportation to such Customer ("excess deliveries"), the Gas Service Customer receiving gas transported by the Company may use such gas during the banking/balancing period defined below, following which the Company shall have the right, but not the obligation, to purchase remaining excess deliveries of gas from the DMT service Customer at a rate equal to the lowest of (1) the cost at which it was acquired by the DMT Service Customer, including pipeline transportation charges, or (2) the Company's average commodity delivered cost of gas to National Fuel Gas Supply Corporation, or (3) the Company's average commodity cost of locally produced gas during the month when excess deliveries were received by the Company. The cost at which the DMT Service Customer acquired the gas will be determined from such Customer's contract with the supplier or by a sworn affidavit setting forth the Customer's cost of gas, including cost of delivery of such gas to the Company's system. Upon request by the Company, the DMT Service Customer will be required to furnish to the Company the DMT service Customer's choice of (1) a copy of this contract or (2) an affidavit. The banking/balancing period shall be the three billing months after the billing month in which the Company received excess deliveries in behalf of the Customer.

G. "Underdeliveries" are volumes of gas taken from the Company by a Gas Service Customer in excess of the sum of (1) any excess deliveries of the customer at the beginning of the day and (2) the volume of gas delivered to the Company for the customer's account, after adjustment for line losses less volumes of volumes of gas determined to be sales by the Company to the customer. Cumulative underdeliveries, as determined each day, in excess of two percent of the volume of gas delivered by the Company to the customer that day, shall be a sale of gas by the Company to the customer under the applicable rate schedule plus applicable surcharges as set forth in Rate Schedule SB Special Provisions and shall not be recharacterized as transportation service under any circumstances. Cumulative underdeliveries of not more than two percent of the volume of gas delivered to a customer by the Company on any day may be offset by volumes of gas delivered to the Company for the customer's account, after adjustment for line losses, in excess of the volume of gas taken by the customer from the Company on subsequent days within the same billing month.

(D) Indicates Decrease

(I) Indicates Increase

RATE SCHEDULE SATC
SMALL AGGREGATION TRANSPORTATION CUSTOMER SERVICE (Cont'd)

RATES AND CHARGES

A. Customer Transportation Service Rates

The Company will provide transportation services to deliver gas supplies to the SATC Customer(s). The Customer shall be billed the charges for the transportation services rendered for it at the appropriate charges provided herein for which service the SATC Customer qualifies.

The SATC Customer shall pay the following transportation charges for the transportation of gas. The commodity rates set forth below contain a component, presently \$0.04387 per Ccf, for the recovery of purchased gas demand costs and shall be adjusted pursuant to Rider A of the tariff. Such purchased gas costs collected through these rates shall be included as revenues for the recovery of purchased gas costs as specified in Rider A of this tariff. (I)

(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:

\$14.00	Basic Service Charge	
\$0.33998	per 100 cubic feet (I)	(I)

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:

\$27.00	Basic Service Charge	
\$0.27381	per 100 cubic feet	(I)

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:

\$37.00	Basic Service Charge	
\$0.24942	per 100 cubic feet	(I)

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

\$151.00	Basic Service Charge	
\$0.21009	per 100 cubic feet	(I)

(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:

\$82.00 Basic Service Charge
\$0.25109 per 100 cubic feet (I)

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:

\$252.00 Basic Service Charge
\$0.17734 per 100 cubic feet (I)

B. Miscellaneous Customer Surcharges

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

2. The above non-purchased gas cost SATC rates shall be subject to surcharges in accordance with provisions of Rider B - State Tax Adjustment Surcharge and DSIC - Distribution System Improvement Charge.

(C) Indicates Change

(D) Indicates Decrease

(I) Indicates Increase

RATE SCHEDULE SATS
SMALL AGGREGATION TRANSPORTATION SUPPLIER SERVICE (Cont.)

C. Total Upstream Capacity Requirements for SATS Suppliers

SATS Suppliers shall be required to provide sufficient firm pipeline transportation and storage capacity to meet the estimated extreme day requirements of their SATC Customer groups as further described below. The SATS Suppliers' estimated extreme day requirements of their SATC Customer Group used for Supplier capacity allocations and requirements shall be based on a sixty-two (62) degree day extreme peak day calculation. The Company shall utilize peaking and temperature swing storage capacity retained by the Company and recovered through SATC rates to provide for any variances between actual and forecasted usage and for any peak delivery requirements for days colder than sixty-two (62) degree days.

Such sufficient pipeline transportation and storage capacity shall be provided through the following means:

1. Released ESS Storage Capacity and Associated EFT Capacity

a. Requirements To Be Met Through ESS Storage

52% of extreme peak day requirements shall be provided through the Company's ESS storage and associated EFT transportation capacity on NFGSC. Such NFGSC Storage and transmission capacity shall be released to SATS Suppliers at the maximum rate under the pipeline's FERC gas tariff. (D)

b. Initial Assignment of ESS Storage Capacity

In a month a SATS Supplier begins to serve SATC customers, it shall be provided with an initial assignment of storage capacity, based on the percentage set forth at C.1.a. above, to meet the Supplier's requirements for the upcoming winter period. Approximately fifteen days prior to the close of nominations for the month, the Company will calculate the quantity of storage capacity released to match the SATS Supplier's winter requirements based on the number of SATC Customers aggregated by the Supplier. If the initial assignment takes place in a month other than April, the Company will transfer storage gas to the Supplier pursuant to C.1.c below. The SATS Supplier shall be responsible for all taxes and pipeline fees associated with moving or transferring the storage gas to the Company.

(D) Indicates Decrease
(I) Indicates Increase

RATE SCHEDULE SATS
SMALL AGGREGATION TRANSPORTATION SUPPLIER SERVICE (Cont.)

c. Additional Assignments of ESS Storage Capacity

Approximately fifteen days prior to the close of nominations for each month, the Company will recalculate the quantity of storage capacity released to match the SATS Supplier's revised winter requirements based on the number of SATC Customers aggregated by the Supplier. If additional SATC Customers join a SATS Supplier's SATC Customer Group, the Company will release additional capacity as required, based on the percentage set forth at C.1.a. above. In addition, the SATS Supplier will be required to pay the Company for storage gas transferred and all taxes and pipeline fees associated with moving or transferring the storage gas to the Supplier. The storage gas transfer rate shall be the sum of (1) the higher of the Company's average cost of gas based upon the Company's Section 1307f rate, or the DMI for the first day of month in which gas is transferred plus all transportation costs to the Company's City Gate, plus (2) the demand Transfer Recovery Rate ("DTR Rate"). The DTR rate shall equal the per Mcf System Average Unrecovered Demand Charge revenue beginning in the month of April through the initial month that storage capacity is released to the Supplier. The System Average Unrecovered demand Charge Revenue shall equal the sum of the differences between the average demand charge revenues and the average fixed demand costs beginning the month of April through the initial month that storage capacity is released to the Supplier.

The DTR by month shall be as follows:

Capacity Transfer <u>Month</u>	DTR <u>\$/Mcf</u>	
April	\$0.00	
May	\$0.00	
June	\$0.00	
July	\$0.00	
August	\$0.00	
September	\$0.00	
October	\$0.00	
November	\$0.94	(I)
December	\$1.31	(I)
January	\$1.09	(I)
February	\$0.56	(I)
March	\$0.00	

(D) Indicates Decrease

(I) Indicates Increase

RATE SCHEDULE SATS
SMALL AGGREGATION TRANSPORTATION SUPPLIER SERVICE (Cont.)

2. Released Transmission Capacity Not Included in SATC
Transportation Rates

48% of extreme peak day requirements is to be provided by the release of pipeline capacity upstream of NFGSC and the release of associated EFT transportation capacity on NFGSC which is not included in transportation rates. All such capacity shall be released to SATS Suppliers, and SATS Suppliers shall take such released capacity, at the maximum rate under the pipeline's FERC gas tariff. The actual pipeline capacity path upstream of NFGSC to be released to the Supplier by the Company shall be designated by the Company from its available capacity. The Company will attempt to accommodate a Supplier's request for particular capacity on a first-come first-serve basis. (I)

As an alternative to the above, the Company may designate an alternative capacity path(s) from its available capacity. The capacity release rate for the pipeline capacity path released to the Supplier shall be \$7.1451/Dth which equals the weighted average demand cost of upstream capacity, however, capacity released on NFGSC will be released at the maximum rate under NFGSC's FERC gas tariff. The Company will post a listing of the alternative capacity path(s) designated, including the associated quantity of capacity, on its web site. (I)

For capacity termination notices, prior to the termination notice date of any capacity contract in this Section C.2., the Company will issue a request for proposals to qualified Suppliers under this tariff to determine if the Company should terminate, renew, or replace such contract, in whole or in part. The Company will terminate a proportionate share of the capacity contract if: (1) Suppliers demonstrate that they will provide comparable firm capacity to serve the Company's core customers, (2) the Suppliers agree to assign such comparable capacity at the contracted price to the Company upon Company request if such capacity is required to meet supply requirements of SATC Customers due to the termination of the SATS Supplier pursuant to Section H.1. or if the Supplier has reduced the level of delivery requirements from the previous periods requirements, and 3) the Commission approves such comparable capacity. Comparable capacity must have firm rights for at least the seven (7) winter months, and such capacity must have primary delivery rights into available primary receipt rights on NFGSC held by the Company. Comparable capacity must have firm capacity rights sufficient in volume and duration (with renewal rights) to serve the customers to be served by the SATS Supplier. The Company will post a listing of capacity contracts, including the associated quantity of capacity, that it determines to be of critical status on its web site.

(D) Indicates Decrease

(I) Indicates Increase

E. In the event of interruption or curtailment of transportation service, pursuant to items C and D, above, and during such period of interruption or curtailment, the DMLMT Service customer must sell to the Company all or a portion of the DMLMT Service Customer's supply of gas at the higher of (1) the Transportation Service Customer's cost of purchased gas at the point of delivery to the Company or (2) the Company's average cost of purchased gas per Mcf, as determined based upon the Company's Section 1307(f) Rate which is \$5.5714.

(I)

F. If a Gas Service Customer receiving gas transported by the Company uses less than the amount of gas delivered into the Company's system for transportation to such Customer ("excess deliveries"), the Gas Service Customer receiving gas transported by the Company may use such gas during the banking/balancing period defined below, following which the Company shall have the right, but not the obligation, to purchase remaining excess deliveries of gas from the DMLMT Service Customer at a rate equal to the lowest of (1) the cost at which it was acquired by the DMLMT Service Customer, including pipeline transportation charges, or (2) the Company's average commodity delivered cost of gas to National Fuel Gas Supply Corporation, or (3) the Company's average commodity cost of locally-produced gas during the month when excess deliveries were received by the Company. The cost at which the DMLMT Service Customer acquired the gas will be determined from such Customer's contract with the supplier or by a sworn affidavit setting forth the Customer's cost of gas, including cost of delivery of such gas to the Company's system. Upon request by the Company, the DMLMT service Customer will be required to furnish to the Company the DMLMT Service Customer's choice of (1) a copy of this contract or (2) an affidavit. The banking/balancing period shall be the three billing months after the billing month in which the Company received excess deliveries in behalf of the Customer.

G. "Underdeliveries" are volumes of gas taken from the Company by a Gas Service Customer in excess of the sum of (1) any excess deliveries of the customer at the beginning of the day and (2) the volume of gas delivered to the Company for the customer's account, after adjustment for line losses less volumes of gas determined to be sales by the Company to the customer. Cumulative underdeliveries, as determined each day, in excess of two percent of the volume of gas delivered by the Company to the customer that day, shall be a sale of gas by the Company to the customer under the applicable rate schedule plus applicable surcharges as set forth in Rate Schedule SB Special Provisions and shall not be recharacterized as transportation service under any circumstances. Cumulative underdeliveries of not more than two percent of the volume of gas delivered to a customer by the Company on any day may be offset by volumes of gas delivered to the Company for the customer's account, after adjustment for line losses, in excess of the volume of gas taken by the customer from the Company on subsequent days within the same billing month.

(D) Indicates Decrease

(I) Indicates Increase

RIDER A
SECTION 1307(F) PURCHASED GAS COSTS
PROVISION FOR RECOVERY OF PURCHASED GAS COSTS

Rates for each Mcf (1,000 cubic feet) of gas supplied under Residential, Low Income Residential Assistance Service, Commercial and Public Authority, Commercial and Public Authority Load Balancing Service ("LBS"), Small Volume Industrial, Intermediate Volume Industrial, Intermediate Volume Industrial LBS, Large Industrial, Large Industrial LBS, Large Volume Industrial, Large Volume Industrial LBS and Natural Gas Vehicle Service rate schedules of this tariff, shall include \$1.9604 per Mcf for recovery of purchased gas commodity costs, calculated in the manner set forth below, pursuant to Section 1307(f) of the Public Utility Code. (I)

Rates for each Mcf (1,000 cubic feet) of gas supplied under Residential, Commercial and Public Authority, Small Volume Industrial Service, Intermediate Volume Industrial, Large Volume Industrial Service, Large Industrial Service and Standby Service rate schedules of this tariff, shall include \$1.8715 per Mcf for recovery of purchased gas demand costs, calculated in the manner set forth below, pursuant to Section 1307(f) of the Public Utility Code. (I)

Rates for each Mcf (1,000 cubic feet) of gas transported under the Small Aggregation Transportation Customer Rate Schedule shall include \$0.3676 per Mcf for the recovery of purchased gas demand costs. (I)

Such rates for gas service shall be increased or decreased, from time to time, as provided by Section 1307(f) of the Public Utility Code and the Commission's regulations, to reflect changes in the level of purchased gas costs.

The amounts per Mcf for recovery of purchased gas costs (commodity and demand) included in rates under each rate schedule of the tariff are as follows:

	Distribution		Gas Adjustment	Natural Gas	
	Total	Charges	Charge	Supply Charge	
Residential	\$5.8146	\$0.4387	\$0.2387	\$5.1372	(I)
Low Income Residential Assistance Service	\$5.8146	\$0.4387	\$0.2387	\$5.1372	(I)
Commercial/Public Authority	\$5.8146	\$0.4387	\$0.2387	\$5.1372	(I)
Small Volume Industrial	\$5.8146	\$0.4387	\$0.2387	\$5.1372	(I)
Intermediate Volume Industrial	\$5.8146	\$0.4387	\$0.2387	\$5.1372	(I)
Large Volume Industrial	\$5.8146	\$0.4387	\$0.2387	\$5.1372	(I)
Large Industrial	\$5.8146	\$0.4387	\$0.2387	\$5.1372	(I)
Standby	\$0.5764				(I)
Priority Standby	\$1.2284				(I)
Small Aggregation Transportation Customer Rate Schedule	\$0.4387	\$0.4387			(I)

(I) Indicates Decrease

(I) Indicates Increase

Rider G
Merchant Function Charge (MFC) Rider

Applicability:

The Merchant Function Charge (MFC) shall be added to the Natural Gas Supply Charge and Gas Adjustment Charge of Residential, CAP, Commercial and Public Authority, SVIS, IVIS, LVIS and LIS rate schedules.

Such charges shall be updated quarterly and effective each February 1, May 1, August 1, and November 1 of the year. The charge will also be updated whenever there is a change to the Sales Service Rate Customer Charge, Distribution Charge, Natural Gas Supply Charge or Gas Adjustment Charge.

Calculation of Rate:

For customers receiving service in the Residential classification, the MFC shall equal 1.8032% times the Natural Gas Supply Charge and the Gas Adjustment Clause as calculated for Rider A.

The current Residential MFC Charge is:

Natural Gas Supply Charge per Mcf	\$0.0926	(I)
Gas Adjustment clause (E-Factor) per Mcf	\$0.0043	(I)
Total Residential MFC per Mcf	\$0.0969	(I)

For customers receiving service in the Non-Residential classifications, the MFC shall equal 0.3398% times the Natural Gas Supply Charge and Gas Adjustment Clause as calculated for Rider A.

The current Non-Residential MFC Charge is:

Natural Gas Supply Charge per Mcf	\$0.0175	(I)
Gas Adjustment clause (E-Factor) per Mcf	\$0.0008	(I)
Total Non-Residential MFC per Mcf	\$0.0183	(I)

(C) Indicates Change

(D) Indicates Decrease

(I) Indicates Increase

Rider H
Gas Procurement Charge (GPC)

APPLICABILITY

Effective June 1, 2013, the Gas Procurement Charge will be included in the Natural Gas Supply Charge of Residential, CAP, Commercial and Public Authority, SVIS, IVIS, LVIS and LIS rate schedules.

The charge is designed to recover the costs of procuring natural gas pursuant to 52 Pa. Code §62.223. The natural gas procurement costs included in the GPC charge will only be updated in a base rate case.

The GPC to be included in the Natural Gas Supply Charge shall be \$0.1149 / Mcf and is not reconcilable.

Price To Compare Component	Residential (¢ per 100 cubic feet)	Non Residential (¢ per 100 cubic feet)	
Natural Gas Supply Charge			
Purchased Gas Cost Component (Rider A)	51.372	51.372	(I)
Merchant Function Charge associated with Natural Gas Supply Charge (Rider G)	0.926	0.175	(I)
Gas Procurement Charge (Rider H)	<u>1.149</u>	<u>1.149</u>	
Subtotal Natural Gas Supply Charge	53.447	52.696	(I)
Gas Adjustment Charge			
Purchased Gas Cost Component (Rider A)	2.387	2.387	(I)
Merchant Function Charge associated with Gas Adjustment Charge (Rider G)	0.043	0.008	(I)
Subtotal Gas Adjustment Charge	<u>2.430</u>	<u>2.395</u>	(I)
Total Price To Compare	<u>55.877</u>	<u>55.091</u>	(I)

(C) Indicates Change

(D) Indicates Decrease

(I) Indicates Increase

REDLINED VERSION

Supplement No. ~~280~~ to
Gas - Pa. P.U.C. No. 9

Deleted: 279

NATIONAL FUEL GAS DISTRIBUTION CORPORATION
BUFFALO, NEW YORK

RATES, RULES AND REGULATIONS

GOVERNING THE FURNISHING

OF

NATURAL GAS SERVICE

IN

TERRITORY DESCRIBED HEREIN

Issued: ~~January 31, 2025~~

Effective: ~~August 1, 2025~~

Deleted: December 20, 2024

Deleted: January

D. L. DeCAROLIS, PRESIDENT
BUFFALO, NEW YORK

Deleted: This Supplement implements the
Distribution System Improvement Charge
("DSIC")¹
See page 2.

NATIONAL FUEL GAS
DISTRIBUTION CORPORATION

Supplement No. ~~280~~ to
Gas - Pa. P.U.C. No. ~~9~~

Two-Hundred-Forty-~~Seventh~~ Revised Page No. ~~2~~

Canceling Two-Hundred-Forty-Fourth and Two-Hundred-Forty-~~Sixth~~ Revised Page No. ~~2~~

Deleted: 279

Deleted: Sixth

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LIST OF CHANGES MADE BY THIS TARIFF

INCREASE:

1. Distribution Charge for Residential, Commercial and Public Authority, Small Volume Industrial, Intermediate Volume Industrial, Large Volume Industrial and Large Industrial Service Classes increase.
Pages 36, 36A, 41, 41A, 42, 53, 55, 65, 66, 76

2. Gas Adjustment Charges increase for Residential, Commercial and Public Authority, Small Volumes Industrial, Intermediate Volume Industrial, and Large Industrial Service
Pages 36, 41, 41A, 42, 53, 55, 65, 76

3. 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 increase.
Pages 36A, 41, 41A, 42, 53, 55, 66 and 76A.

4. Demand Charges for Load Balancing Service increase.
Pages 48, 61, 72, 79, 82

5. Commodity Charges for Sales Services increase.
Pages 50, 62, 73, 80

6. Commodity Charges for Transportation Service increase.
Page 50, 63, 74, 81

7. Components of Natural Gas Vehicle rates increase.
Pages 83 and 84.

8. Priority Standby Service monthly rate increase.
Pages 93, 95

9. The price for purchase of gas by Distribution from a transportation service customer in the event of a curtailment or interruption will increase.
Pages 106, 117 and 146G.

10. Purchased gas costs in Rider A increase.
Page 147

11. The Price to Compare shown in Rider H increases.
Page 169.

12. MMT Service Rates increased for Residential, "Small" Commercial/ Public Authority >25,000, "Large" Commercial/ Public Authority, Intermediate Volume Industrial, Large Volume Industrial, and Large Industrial Service Classes.
Pages 100 and 101

Deleted: Change: ¶

¶
<#>Distribution System Improvement Charge ("DSIC") is being implemented.¶
Page 172, 173, 174 and 175. ¶
¶
<#>Conforming changes to implement the DSIC.¶
Page 36A, 41, 41A, 42, 51, 53, 55, 63, 66, 74, 76A, 81, 84, 102, 113, 121, AND 146C ¶

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Issued: ~~January 31, 2025~~

Effective: ~~August 1, 2025~~

LIST OF CHANGES MADE BY THIS TARIFF

INCREASE:

13. SATC Transportation Service rates increase for Residential and Small Volume Industrial.
Page 119A, 120, 121
14. Certain Demand Transfer Recovery Rates ("DTR") increase.
Page 127.
15. SATC Alternative Capacity Release Rate increase.
Page 131.
16. The Merchant Function Charge in Rider G increase.
Page 168.

DECREASE:

1. Components of Natural Gas Vehicle rates decrease.

NATIONAL FUEL GAS
DISTRIBUTION CORPORATION

Supplement No. ~~280~~ to
Gas - Pa. P.U.C. No. 9

Two-Hundred-Forty-~~Seventh~~ Revised Page No. 4

~~Canceling Two-Hundred-Forty-Fourth and Two-Hundred-Forty-Sixth Revised Page No. 4~~

TABLE OF CONTENTS

	Page	
List of Changes.....	2	Two-Hundred-Forty- Seventh Revised
	3	Eighty- Seventh Revised
	3A	Sixth Revised
	3B	First Revised
	3C	First Revised
Table of Contents.....	4	Two-Hundred-Forty- Seventh Revised
	5	One-Hundred-Thirty- Seventh Revised
	6	One-Hundred-Forty- Seventh Revised
	7	One-Hundred-Fifty- Eighth Revised
	7A	One-Hundred-Eighty- Ninth Revised
Description of Territory.....	8	Second Revised
	9	Second Revised
Rules and Regulations.....	10	Third Revised
	11	Sixth Revised
	12	Sixth Revised
	13	Second Revised
	14	Original
	15	Second Revised
	16	Second Revised
	16A	First Revised
	16B	Fourth Revised
	17	Fourth Revised
	18	Original
	19	Original
	20	Fourth Revised
	20A	Original
	20	Fifth Revised
	22	Third Revised
	22A	First Revised
	23	Second Revised
	24	Fourth Revised
	25	Second Revised
	26	First Revised
	27	Third Revised
	28	First Revised
	29	Third Revised
	30	First Revised
	31	First Revised
	32	Seventh Revised
	33	First Revised
	34	Ninth Revised
	34A	Second Revised
	35	Third Revised
	35A	Third Revised
	35B	First Revised
	35C	Fifth Revised
	35D	Third Revised
	35E	Ninth Revised
	35F	Original
	35G	Original
	35H	Original
Residential Service Schedule.....	36	One-Hundred-Twenty- Second Revised
	36A	Fifty- Ninth Revised
Rate Schedule CAP Customer	37	Fourteenth Revised
Assistance Program Service	37A	One-Hundred-Nineteenth Revised

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NATIONAL FUEL GAS
DISTRIBUTION CORPORATION

Supplement No. ~~280~~ to
Gas - Pa. P.U.C. No. 9

One-Hundred-Thirty-~~Seventh~~ Revised Page No. 5
Canceling One-Hundred-Thirty-~~Sixth~~ Revised Page No. 5

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TABLE OF CONTENTS (Cont'd)

	<u>Page</u>	
Rate Schedule CAP (Con't)		
Customer Assistance Program Service	37B	One-Hundred-Third Revised
	37C	Thirteenth Revised
	37D	Sixth Revised
	38	Fourth Revised
	39	Third Revised
Commercial and Public Authority		
Service Rate Schedule	40	Second Revised
	40A	First Revised
	41	One-Hundred-Twenty- Third Revised
	41A	Seventy- Seventh Revised
	42	One-Hundred-Twenty- Third Revised
	42A	First Revised
Commercial Rider BDS - Business		
Development Service Rider	43	Original
	44	Original
	45	Original
Rate Schedule CPA-LBS		
Load Balancing Service for		
Commercial and Public Authority Customers....	46	Second Revised
	47	Original
	48	One-Hundred- Seventh Revised
	49	Sixth Revised
	50	One-Hundred- Fourteenth -Revised
	51	Fifth Revised
Rate Schedule SVIS		
Small Volume Industrial Service.....	52	Original
	53	One-Hundred- Twentieth Revised
	53A	First Revised
Rate Schedule IVIS		
Intermediate Volume Industrial Service	54	Original
	55	One-Hundred- Twentieth Revised
	55A	First Revised
Intermediate Volume Industrial Service		
Rider BDS - Business Development		
Service Rider	56	Original
	57	Original
	58	Original
Rate Schedule IVI-LBS		
Load Balancing Service for		
Intermediate Volume Industrial Customers	59	Second Revised
	60	Original
	61	One-Hundred- Seventh Revised
	62	One-Hundred- Tenth Revised
	63	Forty-Seventh Revised
Rate Schedule LVIS		
Large Volume Industrial Service	64	Original
	65	One-Hundred- Nineteenth Revised
	66	Seventy- Fourth Revised
Large Volume Industrial Service		
BDS - Business Development		
Service Rider	67	Original
	68	Original
	69	Original

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NATIONAL FUEL GAS
DISTRIBUTION CORPORATION

Supplement No. ~~280~~ to
Gas - Pa. P.U.C. No. 9
One-Hundred-Forty-~~Seventh~~ Revised Page No. 6
Canceling One-Hundred-Forty-~~Sixth~~ Revised Page No.6

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TABLE OF CONTENTS (Cont'd)
Page

Rate Schedule LVI-LBS Load Balancing Service for Large Volume Industrial Customers	70	Second Revised
	71	Original
	72	One-Hundred- Seventh Revised
	73	One Hundred- Tenth Revised
	74	Forty-Seventh Revised
Rate Schedule LIS Large Industrial Service	75	Original
	76	One-Hundred- Eighteenth Revised
	76A	Fifty- Ninth Revised
Rate Schedule LI-LBS Load Balancing Service for Large Industrial Customers	77	Second Revised
	78	Original
	79	One-Hundred- Seventh Revised
	80	One-Hundred- Tenth Revised
	81	Forty-Eighth Revised
Rate Schedule NGV Natural Gas Vehicle Service	82	One-Hundred- Eighth Revised
	83	One-Hundred- Thirty-First Revised
	84	One-Hundred-Twenty- Sixth Revised
	84A	First Revised
Rate Schedule BP Service for Customers with Bypass Facilities	85	Original
	86	Sixth Revised
	87	Original
	88	Original
	89	Original
	90	Original
	91	Original
	92	Original
Rate Schedule PSB Priority Standby Service.....	93	Eighty- Third Revised
Rate Schedule SB Standby Service	94	Original
	95	Eighty- Third Revised
	96	Ninth Revised
	97	Original
Rate Schedule for Monthly Metered Transportation Service	98	Fourth Revised
	99	Sixth Revised
	100	Fifty- Seventh Revised
	101	Fifty- Fifth Revised
	102	Eleventh Revised
	103	Seventh Revised
	104	Sixth Revised
	105	Sixth Revised
	106	One-Hundred- Thirteenth Revised
	107	Fourth Revised
	108	Fifth Revised

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Issued: ~~January 31, 2025~~

Effective: ~~August 1, 2025~~

NATIONAL FUEL GAS
DISTRIBUTION CORPORATION

Supplement No. ~~280~~ to
Gas - Pa. P.U.C. No. 9

One-Hundred-Fifty-~~Eighth~~ Revised Page No. 7

Canceling One-Hundred-Fifty-~~Seventh~~ Revised Page No 7

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TABLE OF CONTENTS (Cont'd)

	<u>Page</u>	
Rate Schedule for		
Daily Metered Transportation Service.....	109	Original
	110	Fourth Revised
	111	Tenth Revised
	112	Tenth Revised
	113	Eighth Revised
	114	First Revised
	115	Original
	116	Seventh Revised
	117	One-Hundred- Twelfth Revised
	118	Sixth Revised
Monthly Metered Natural Gas Supplier Service	118A	Fifth Revised
	118B	Twelfth Revised
	118C	Sixth Revised
	118D	Ninth Revised
	118E	Eighth Revised
	118F	Tenth Revised
	118G	Fourth Revised
	118H	Seventh Revised
	118I	Seventh Revised
	118J	Fourth Revised
Rate Schedule SATC		
Small Aggregation Transportation Customer	119	Forty-Fourth Revised
Service	119A	Sixty- Sixth Revised
	120	One-Hundred- Twentieth Revised
	121	One-Hundred-Twenty- Fifth Revised
	121A	First Revised
	122	Original
	123	First Revised
Rate Schedule SATS		
Small Aggregation Transportation Supplier	124	Original
Service	125	Fifth Revised
	125A	Fifth Revised
	126	Thirty- Ninth Revised
	127	Seventy- Fifth Revised
	128	Fourth Revised
	129	Eighth Revised
	130	Second Revised
	131	Seventy- Ninth Revised
	132	Original
	133	Third Revised
	134	Tenth Revised
	135	Tenth Revised
	135A	Original
	136	Twelfth Revised
	136A	Original
	137	Second Revised
	138	Fourth Revised
	139	First Revised
	139A	Original
	140	Ninth Revised
	141	Second Revised

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Issued: ~~January 31, 2025~~

Effective ~~August 1, 2025~~

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NATIONAL FUEL GAS
DISTRIBUTION CORPORATION

Supplement No. ~~280~~ to
Gas - Pa. P.U.C. No. 9

One-Hundred-~~Eighty-Ninth~~ Revised Page No. 7A

Canceling One-Hundred-Eighty-Sixth and One-Hundred-Eighty-~~Eighth~~ Revised Page No. 7A

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TABLE OF CONTENTS (Cont'd)

	Page	
Rate Schedule SATS (Cont'd)		
Small Aggregation Transportation Supplier	142	Original
Service	143	Original
	144	Original
	145	Original
	146	Original
Daily Metered Large Manufacturing	146A	Original
Transportation Service	146B	Original
	146C	Fourth Revised
	146D	Original
	146E	Original
	146F	Fourth Revised
	146G	Eighty- Second Revised
	146H	Third Revised
Rider A -		
Section 1307(f) Purchased Gas Costs	147	One-Hundred- Ninth Revised
	147A	First Revised
	147B	First Revised
	148	Fourth Revised
	149	Fourth Revised
	150	Sixth Revised
	151	Fourth Revised
	152	Seventh Revised
	153	Original
	154	Fourth Revised
	155	Eleventh Revised
	156	Original
Rider B -		
State Tax Adjustment Surcharge.....	157	Eighty-First Revised
Rider C -	158	Eighth Revised
Weather Normalization Adjustment	159	Sixth Revised
	160	First Revised
	161	First Revised
Rider E -		
Customer Education Charge.....	162	Twenty-Fourth Revised
	163	First Revised
Rider F -		
CAP Discount Rate	164	One-Hundred-Twenty-Sixth Revised
	165	Tenth Revised
	166	Ninth Revised
	167	Ninetieth Revised
Rider G		
Merchant Function Charge (MFC) Rider	168	Seventy-First Revised
Rider H		
Gas Procurement Charge (GPC)	169	Fifty- Eighth Revised
TCJA Temporary Surcharge.....	170	Tenth Revised
Rider I OPEB Temporary Surcredit.	171	Sixth Revised
	171A	First Revised
DSIC - Distribution System Improvement Charge...	172	Original
	173	Original
	174	Original
	175	Original

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Issued: ~~January 31, 2025~~

Effective: ~~August 1, 2025~~

NATIONAL FUEL GAS
DISTRIBUTION CORPORATION

Supplement No. ~~280~~ to
Gas - Pa. P.U.C. No. 9

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

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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
\$14.00 per Month

Distribution Charges
33.998¢ per 100 cubic feet (I)

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Gas Adjustment Charge
2.387¢ per 100 cubic feet Purchased Gas Cost Component (I)
(Rider A)

Deleted: (6.413)

0.043¢ per 100 cubic feet Merchant Function Charge (I)
(Rider G)

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2.430¢ Per 100 cubic feet Total Gas Adjustment Charge (I)

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(D) Indicates Decrease

(I) Indicates Increase

Issued: ~~January 31, 2025~~ Effective: ~~August 1, 2025~~

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NATIONAL FUEL GAS
DISTRIBUTION CORPORATION

Supplement No. ~~280~~to
Gas - Pa. P.U.C. No. 9
~~Fifty-Ninth~~ Revised Page No. 36A
Canceling ~~Fifty-Eighth~~ Revised Page No. 36A

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RESIDENTIAL SERVICE RATE SCHEDULE (cont.)

Natural Gas Supply Charge

51.372 ¢	per 100 cubic feet	Purchased Gas Cost Component (Rider A)	(I)
0.926	per 100 cubic feet	Merchant Function Charge (Rider G)	(I)
1.149	per 100 cubic feet	Gas Procurement Charge (Rider H)	
53.447 ¢	per 100 cubic feet	Total Natural Gas Supply Charge	(I)

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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 1.8032% and the Gas Procurement Charge (Rider H) to recover costs of procuring natural gas pursuant to 52 Pa. Code §62.223. The above non-purchased gas cost rates shall be subject to surcharges in accordance with the provisions of Rider B - State Tax Adjustment Surcharge and DSIC - Distribution System Improvement Charge. Residential rate classes shall be subject to Rider F - CAP Discount Charge as set forth in this tariff.

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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: ~~January 31, 2025~~

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NATIONAL FUEL GAS
DISTRIBUTION CORPORATION

Supplement No. ~~279-280~~ to
Gas - Pa. P.U.C. No. 9
One-Hundred-Twenty-~~Second-Third~~ Revised Page
No. 41
Canceling One-Hundred-Twenty-~~First-Second~~ 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
\$27.00 per Month

Distribution Charges
~~26.67~~27.3 per 100 cubic feet (I)
81¢

Gas Adjustment Charge
~~(6.413)~~2.3 per 100 cubic feet Purchased Gas Cost Component (I)
87¢ (Rider A)
~~(0.022)~~0.0 per 100 cubic feet Merchant Function Charge (I)
08¢ (Rider G)
~~(6.435)~~2.3 per 100 cubic feet Total Gas Adjustment Charge (I)
95¢

Natural Gas Supply Charge
~~44.732~~51.3 per 100 cubic feet Purchased Gas Cost Component (I)
72¢ (Rider A)
~~0.452~~175¢ per 100 cubic feet Merchant Function Charge (I)
08¢ (Rider G)
1.149¢ per 100 cubic feet Gas Procurement Charge (Ride H)
~~46.033~~52.6 per 100 cubic feet Total Natural Gas Supply Charge (I)
96¢

The Natural Gas Supply Charge shall include a Merchant Function Charge (Rider G) to recover uncollectible costs associated with purchase gas costs of 0.3398% and the Gas Procurement Charge (Rider H) to recover costs of procuring natural gas pursuant to 52 Pa. Code §62.223.

The above non-purchased gas cost rates shall be subject to surcharges in accordance with the provisions of Rider B - State Tax Adjustment Surcharge and DSIC - Distribution System Improvement Charge as set forth in this tariff. (C)

(D) Indicates Decrease

(I) Indicates Increase

Issued: ~~December 20, 2024~~January 31, 2025 Effective: ~~January August~~August 1, 2025

NATIONAL FUEL GAS
DISTRIBUTION CORPORATION

Supplement No. ~~280~~ to
Gas - Pa. P.U.C. No. 9
Seventy-~~Sixth~~ Revised Page No. 41A
Canceling Seventy-~~Sixth~~ 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
\$37.00 per Month

Distribution Charges

~~24.942~~¢ per 100 cubic feet (I)

Deleted: 24.231

Gas Adjustment Charge

~~2.387~~¢ per 100 cubic feet Purchased Gas Cost Component (I)
(Rider A)

Deleted: (6.413)

~~0.008~~¢ per 100 cubic feet Merchant Function Charge (I)
(Rider G)

Deleted: (0.022)

~~2.395~~¢ per 100 cubic feet Total Gas Adjustment Charge (I)

Deleted: (6.435)

Natural Gas Supply Charge

~~51.372~~¢ per 100 cubic feet Purchased Gas Cost Component (I)
(Rider A)

Deleted: 44.732

~~0.175~~¢ per 100 cubic feet Merchant Function Charge (I)
(Rider G)

Deleted: 152

1.149¢ per 100 cubic feet Gas Procurement Charge (Rider H)

~~52.696~~¢ per 100 cubic feet Total Natural Gas Supply Charge (I)

Deleted: 46.033

The Natural Gas Supply Charge shall include a Merchant Function Charge (Rider G) to recover uncollectible costs associated with purchase gas costs of 0.3398% and the Gas Procurement Charge (Rider H) to recover costs of procuring natural gas pursuant to 52 Pa. Code §62.223.

The above non-purchased gas cost rates shall be subject to surcharges in accordance with the provisions of Rider B - State Tax Adjustment Surcharge and DSIC - Distribution System Improvement Charge as set forth in this tariff.

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Issued: ~~January 31, 2025~~

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NATIONAL FUEL GAS
DISTRIBUTION CORPORATION

Supplement No. ~~280~~ to
Gas - Pa. P.U.C. No. 9
One-Hundred-Twenty-~~Third~~ Revised Page No. 42
Canceling One-Hundred-Twenty-~~Second~~ 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
\$151.00 per Month

Distribution Charges
~~21.009¢~~ per 100 cubic feet (I)

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Gas Adjustment Charge
~~2.387¢~~ per 100 cubic feet Purchased Gas Cost Component (I)

Deleted: (6.413)

~~0.008¢~~ per 100 cubic feet Merchant Function Charge (I)

Deleted: (0.022)

~~2.395¢~~ per 100 cubic feet Total Gas Adjustment Charge (I)

Deleted: (6.435)

Natural Gas Supply Charge
~~51.372¢~~ per 100 cubic feet Purchased Gas Cost Component (I)

Deleted: 44.732

~~0.175¢~~ per 100 cubic feet Merchant Function Charge (I)

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~~1.149¢~~ per 100 cubic feet Gas Procurement Charge (Rider H)

~~52.696¢~~ per 100 cubic feet Total Natural Gas Supply Charge (I)

Deleted: 46.033

The Natural Gas Supply Charge shall include a Merchant Function Charge (Rider G) to recover uncollectible costs associated with purchase gas costs of 0.3398% and the Gas Procurement Charge (Rider H) to recover costs of procuring natural gas pursuant to 52 Pa. Code §62.223.

The above non-purchased gas cost rates shall be subject to surcharges in accordance with the provisions of Rider B - State Tax Adjustment Surcharge and DSIC - Distribution System Improvement Charge as set forth in this tariff.

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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: ~~January 31, 2025~~ Effective: ~~August 1, 2025~~

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NATIONAL FUEL GAS
DISTRIBUTION CORPORATION

Supplement No. ~~280~~ to
Gas - Pa. P.U.C. No. 9
One-Hundred-~~Fourteenth~~ Revised Page No. 50
Canceling One-Hundred-~~Thirteenth~~ Revised Page No. 50

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B. COMMODITY CHARGES FOR SALES AND FOR TRANSPORTATION SERVICE

1. Commodity Charge for Sales Service

The monthly Commodity Charge for Sales Service shall be the product of multiplying the rate per Mcf, determined as provided below, by the volume of gas sold to the Customer by the Company during the applicable billing cycle.

The rate per Mcf shall be determined as follows and shall be \$~~3.6844~~ (I)
per Mcf, subject to revision as provided below:

Deleted: 2.5170

The current components of the rate are as follows:

Purchased Gas Commodity Costs, set forth in Rider "A"	\$ 3.1278 /Mcf	(I)
Non Gas Costs	\$0.5566/Mcf	

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a. Determination of Rate per Mcf

The rate per Mcf shall be the sum of:

1. The net amount per Mcf for recovery of the commodity component of purchased gas costs and for recovery or refund of "E" factor amounts, the "PGCC", as determined in Rider "A" - Section 1307(f) Purchased Gas Costs of this tariff; plus
2. The amount of \$0.5566 per Mcf for recovery of non-gas costs.

Each time there is a change in the provision for recovery of purchased gas costs pursuant to Rider "A" of this tariff, a recomputation shall be made of the commodity component of purchased gas costs (Item 1, above) and the rate per Mcf shall be changed accordingly. The component included in the rate for recovery of non-gas costs shall remain constant until changed in accordance with a procedure, other than a proceeding pursuant to Section 1307(f) of the Public Utility Code, 66 Pa.C.S. Section 1307(f).

2. Commodity Charge for Transportation Service

The monthly Commodity Charge for Transportation Service shall be the product of multiplying the rate per Mcf, determined as provided below, by the volume of gas transported by the Company to the Customer's load balancing facilities.

The rate per Mcf for transportation of gas under this rate schedule shall be \$1.0266 per Mcf, which includes \$0.5566 for recovery of non-gas costs and \$0.4700 for recovery of purchased gas.

(D) Indicates Decrease

(I) Indicates Increase

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NATIONAL FUEL GAS
DISTRIBUTION CORPORATION

Supplement No. ~~280~~ to
Gas - Pa. P.U.C. No. 9
~~One-Hundred-Twentieth~~ Revised Page No. 53
Canceling ~~One-Hundred-Nineteenth~~ Revised Page No. 53

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

MONTHLY RATE

Basic Service Charge
\$82.00 per Month

Distribution Charges
~~25.109¢~~ per 100 cubic feet (I)

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Gas Adjustment Charge
~~2.387¢~~ per 100 cubic feet Purchased Gas Cost Component (I)
(Rider A)

Deleted: (6.413)

~~0.008¢~~ per 100 cubic feet Merchant Function Charge (I)
(Rider G)

Deleted: (0.022)

~~2.395¢~~ per 100 cubic feet Total Gas Adjustment Charge (I)

Deleted: (6.435)

Natural Gas Supply Charge
~~51.372¢~~ per 100 cubic feet Purchased Gas Cost Component (I)
(Rider A)

Deleted: 44.732

~~0.175¢~~ per 100 cubic feet Merchant Function Charge (I)
(Rider G)

Deleted: 152

~~1.149¢~~ per 100 cubic feet Gas Procurement Charge
(Rider H)

~~52.696¢~~ per 100 cubic feet Total Natural Gas Supply Charge (I)

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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 0.3398% and the Gas Procurement Charge (Rider H) to recover costs of procuring natural gas pursuant to 52 Pa. Code §62.223.

The above non-purchased gas cost rates shall be subject to surcharges in accordance with the provisions of Rider B - State Tax Adjustment Surcharge and DSIC - Distribution System Improvement Charge.

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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

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NATIONAL FUEL GAS
DISTRIBUTION CORPORATION

Supplement No. ~~280~~ to
Gas - Pa. P.U.C. No. ~~9~~
One-Hundred-~~Twentieth~~ Revised Page No. 55
Canceling One-Hundred-~~Nineteenth~~ Revised Page No. 55

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IVIS

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

Basic Service Charge
\$252.00 per Month

Distribution Charges
17. ~~734~~¢ per 100 cubic feet (I)

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Gas Adjustment Charge
~~2.387~~¢ per 100 cubic feet Purchased Gas Cost Component (I)
(Rider A)
~~0.008~~¢ per 100 cubic feet Merchant Function Charge (I)
(Rider G)
~~2.395~~¢ per 100 cubic feet Total Gas Adjustment Charge (I)

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Natural Gas Supply Charge
~~51.372~~¢ per 100 cubic feet Purchased Gas Cost Component (I)
(Rider A)
0. ~~175~~¢ per 100 cubic feet Merchant Function Charge (I)
(Rider G)
1.149¢ per 100 cubic feet Gas Procurement Charge (Rider H)
~~52.696~~¢ per 100 cubic feet Total Natural Gas Supply Charge (I)

Deleted: 44.732

Deleted: 152

Deleted: 46.033

The Natural Gas Supply Charge shall include a Merchant Function Charge (Rider G) to recover uncollectible costs associated with purchase gas costs of 0.3398% and the Gas Procurement Charge (Rider H) to recover costs of procuring natural gas pursuant to 52 Pa. Code §62.223.

The above non-purchased gas cost rates shall be subject to surcharges in accordance with the provisions of Rider B - State Tax Adjustment Surcharge and DSIC - Distribution System Improvement Charge as set forth in this tariff.

Deleted: (C)

APPLICATION PERIOD

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

RULES AND REGULATIONS

(D) Indicates Decrease (I) Indicates Increase

Issued: ~~January 31, 2025~~ Effective: ~~August 1, 2025~~

Deleted: December 20, 2024

Deleted: January

NATIONAL FUEL GAS
DISTRIBUTION CORPORATION

Supplement No. ~~280~~ to
Gas - Pa. P.U.C. No. 9
One-Hundred-~~Tenth~~ Revised Page No. 62
Canceling One-Hundred-~~Ninth~~ Revised Page No. 62

Deleted: 277

Deleted: Ninth

Deleted: Eighth

2. Margin Demand Charge

- a. The rate per Margin BDU shall be \$.5122 per Margin BDU.
- b. Determination of Customer's Margin BDUs

The Customer's Margin BDUs shall be determined as follows: The actual deliveries of gas to the Customer by Company, including not only volumes of gas purchased by the Customer from the Company and used by the Customer in the separately-metered load balancing facilities but also volumes of Customer-owned gas transported to the Customer's load balancing facilities through the Company's facilities, during such Customer's Peak billing Cycle, as defined hereinafter, shall be multiplied by a fraction. The numerator shall be the number 30. The denominator shall be the number of days of service for which such Customer was billed in such Customer's Peak Billing Cycle.

The Customer's Peak Billing Cycle shall be the single billing cycle of maximum delivery to the Customer's separately-metered load balancing facilities that ended during one of the months of December, January, February and March during the period beginning with the most recently-completed billing cycle ended in December and ending with the current billing cycle.

If the customer used no gas under this rate schedule during the most recently concluded billing cycles ended in December, January, February or March, then the level of Margin BDUs applicable to Customer shall be zero (0).

B. COMMODITY CHARGES FOR SALES AND FOR TRANSPORTATION SERVICE

1. Commodity Charge for Sales Service

The monthly Commodity Charge for Sales Service shall be the product of multiplying the rate per Mcf, determined as provided below, by the volume of gas sold to the Customer by the Company during the applicable billing cycle.

The rate per Mcf shall be determined as follows and shall be ~~\$3.5086~~ per (I) Mcf, subject to revision as provided below:

Deleted: 2.3412

The current components of the rate are as follows:

Purchased Gas Commodity		
Costs, set forth in Rider "A"	\$3.1278 /Mcf	(I)
Non Gas Costs	\$0.3808/Mcf	

Deleted: 1.9604

a. Determination of Rate per Mcf

The rate per Mcf shall be the sum of:

1. The net amount per Mcf for recovery of the commodity component of purchased gas costs and for recovery or refund of "E" factor amounts, the "PGCC", as determined in Rider "A" - Section 1307(f) Purchased Gas Costs of this tariff; plus

(D) Indicates Decrease

(I) Indicates Increase

Issued: ~~January 31, 2025~~

Effective: ~~August 1, 2025~~

Deleted: October 31, 2024

Deleted: November 1, 2024

2. The amount of \$0.3808 per Mcf for recovery of non-gas costs.

Each time there is a change in the provision for recovery of purchased gas costs pursuant to Rider "A" of this tariff, a recomputation shall be made of the commodity component of purchased gas costs (Item 1, above) and the rate per Mcf shall be changed accordingly. The component included in the rate for recovery of non-gas costs shall remain constant until changed in accordance with a procedure, other than a proceeding pursuant to Section 1307(f) of the Public Utility Code, 66 Pa.C.S. Section 1307(f).

2. Commodity Charge for Transportation Service

The monthly Commodity Charge for Transportation Service shall be the product of multiplying the rate per Mcf, determined as provided below, by the volume of gas transported by the Company to the Customer's load balancing facilities.

The rate per Mcf for transportation of gas under this rate schedule shall be \$0.~~8508~~-8908 per Mcf, which includes \$0.3808 for recovery of non-gas costs and \$0.~~4700~~-5100 for recovery of purchased gas. (I)

V. SURCHARGE

The non-purchased gas cost Demand Charges and the non-purchased gas cost Commodity Charge for Sales Service and the non-purchased gas cost Commodity Charge for Transportation Service shall be subject to surcharges in accordance with provisions of Rider B - State Tax Adjustment Surcharge and DSIC - Distribution System Improvement Charge. (E)

VI. AMOUNTS TO BE INCLUDED IN OVER/UNDERCOLLECTION OF GAS COSTS

Purchased gas cost revenues billed under this rate schedule shall be included as revenues for recovery of gas costs for purposes of computing Factor "E" of Company's 1307(f) rate in accordance with procedures set forth in Rider "A" - Section 1307(f) Purchased Gas Costs.

VII. SPECIAL PROVISIONS

Monthly metered Special Provisions A through J contained in the Company's Rate Schedule for Transportation Service shall apply to transportation service under this rate schedule.

VIII. 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

NATIONAL FUEL GAS
DISTRIBUTION CORPORATION

Supplement No. ~~280~~ to
Gas - Pa. P.U.C. No. 9
One-Hundred-~~Nineteenth~~ Revised Page No. 65
Canceling One-Hundred-~~Eighteenth~~ Revised Page No. 65

Deleted: 277

Deleted: Eighteenth

Deleted: Seventeenth

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
\$1,023.00 per Month

Distribution Charges
~~14.630~~¢ per 100 cubic feet (I)

Deleted: 13.919

Deleted: 36

Gas Adjustment Charge
~~2.387~~¢ per 100 cubic feet Purchased Gas Cost Component (I)

Deleted: (6.413)

~~0.008~~¢ per 100 cubic feet Merchant Function Charge (I)

Deleted: (0.022)

~~2.395~~¢ Per 100 cubic feet Total Gas Adjustment Charge (I)

Deleted: (6.435)

(D) Indicates Decrease

(I) Indicates Increase

Issued: ~~January 31, 2025~~ Effective: ~~August 1, 2025~~

Deleted: October 31, 2024

Deleted: November 1, 2024

NATIONAL FUEL GAS
DISTRIBUTION CORPORATION

Supplement No. ~~280~~ to
Gas - Pa. P.U.C. No. 9
Seventy-~~Fourth~~ Revised Page No. 66
Canceling Seventy-~~Third~~ Revised Page No. 66

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Deleted: Third

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LVIS
Large Volume Industrial Service (Cont'd)

Natural Gas Supply Charge

51.372 ¢	per 100 cubic feet	Purchased Gas Cost Component (I) (Rider A)
0.175¢	per 100 cubic feet	Merchant Function Charge (I) (Rider G)
1.149¢	per 100 cubic feet	Gas Procurement Charge (Rider H)
52.696 ¢	per 100 cubic feet	Total Natural Gas Supply Charge (I)

Deleted: 44.732

Deleted: 152

Deleted: 46.033

The Natural Gas Supply Charge shall include a Merchant Function Charge (Rider G) to recover uncollectible costs associated with purchase gas costs of 0.3398% and the Gas Procurement Charge (Rider H) to recover costs of procuring natural gas pursuant to 52 Pa. Code §62.223.

The above non-purchased gas cost rates shall be subject to surcharges in accordance with provisions of Rider B - State Tax Adjustment Surcharge and DSIC - Distribution System Improvement Charge.

Deleted: (C)

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.

APPLICABLE PERIOD

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

(D) Indicates Decrease

(I) Indicates Increase

Issued: ~~January 31, 2025~~

Effective: ~~August 1, 2025~~

Deleted: December 20, 2024

Deleted: January 1, 2025

Deleted: 277
Deleted: Ninth
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2. Margin Demand Charge

- a. The rate per Margin BDU shall be \$.3182 per Margin BDU.
- b. Determination of Customer's Margin BDUs

The Customer's Margin BDUs shall be determined as follows: The actual deliveries of gas to the Customer by Company, including not only volumes of gas purchased by the Customer from the Company and used by the Customer in the separately-metered load balancing facilities but also volumes of Customer-owned gas transported to the Customer's load balancing facilities through the Company's facilities, during such Customer's Peak billing Cycle, as defined hereinafter, shall be multiplied by a fraction. The numerator shall be the number 30. The denominator shall be the number of days of service for which such Customer was billed in such Customer's Peak Billing Cycle.

The Customer's Peak Billing Cycle shall be the single billing cycle of maximum delivery to the Customer's separately-metered load balancing facilities that ended during one of the months of December, January, February and March during the period beginning with the most recently-completed billing cycle ended in December and ending with the current billing cycle.

If the customer used no gas under this rate schedule during the most recently concluded billing cycles ended in December, January, February or March, then the level of Margin BDUs applicable to Customer shall be zero (0).

B. COMMODITY CHARGES FOR SALES AND FOR TRANSPORTATION SERVICE

1. Commodity Charge for Sales Service

The monthly Commodity Charge for Sales Service shall be the product of multiplying the rate per Mcf, determined as provided below, by the volume of gas sold to the Customer by the Company during the applicable billing cycle.

The rate per Mcf shall be determined as follows and shall be ~~\$3.3751~~ per (I) Mcf, subject to revision as provided below:

Deleted: 2.2077

The current components of the rate are as follows:

Purchased Gas Commodity		
Costs, set forth in Rider "A"	\$3.1278 /Mcf	(I)
Non Gas Costs	\$0.2473/Mcf	

Deleted: 1.9604

a. Determination of Rate per Mcf

The rate per Mcf shall be the sum of:

- 1. The net amount per Mcf for recovery of the commodity component of purchased gas costs and for recovery or refund of "E" factor amounts, the "PGCC", as determined in Rider "A" - Section 1307(f) Purchased Gas Costs of this tariff; plus

D) Indicates Decrease

(I) Indicates Increase

Issued: ~~January 31, 2025~~ Effective: ~~August 1, 2025~~

Deleted: October 31, 2024
Deleted: November 1, 2024

NATIONAL FUEL GAS
DISTRIBUTION CORPORATION

Supplement No. ~~280~~ to
Gas - Pa. P.U.C. No. 9
Forty-~~Seventh~~ Revised Page No. 74
Canceling Forty-~~Sixth~~ Revised Page No. 74

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2. The amount of \$0.2473 per Mcf for recovery of non-gas costs.

Each time there is a change in the provision for recovery of purchased gas costs pursuant to Rider "A" of this tariff, a recomputation shall be made of the commodity component of purchased gas costs (Item 1, above) and the rate per Mcf shall be changed accordingly. The component included in the rate for recovery of non-gas costs shall remain constant until changed in accordance with a procedure, other than a proceeding pursuant to Section 1307(f) of the Public Utility Code, 66 Pa.C.S. Section 1307(f).

2. Commodity Charge for Transportation Service

The monthly Commodity Charge for Transportation Service shall be the product of multiplying the rate per Mcf, determined as provided below, by the volume of gas transported by the Company to the Customer's load balancing facilities.

The rate per Mcf for transportation of gas under this rate schedule shall be \$0.7573 per Mcf, which includes \$0.2473 for recovery of non-gas costs (I) and \$0.5100 for recovery of purchased gas.

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V. SURCHARGE

The non-purchased gas cost Demand Charges and the non-purchased gas cost Commodity Charge for Sales Service and the non-purchased gas cost Commodity Charge for Transportation Service shall be subject to surcharges in accordance with provisions of Rider B - State Tax Adjustment Surcharge and DSIC - Distribution System Improvement Charge as set forth in this tariff.

Deleted: (C)

VI. AMOUNTS TO BE INCLUDED IN OVER/UNDERCOLLECTION OF GAS COSTS

Purchased gas cost revenues billed under this rate schedule shall be included as revenues for recovery of gas costs for purposes of computing Factor "E" of Company's 1307(f) rate in accordance with procedures set forth in Rider "A" - Section 1307(f) Purchased Gas Costs.

VII. SPECIAL PROVISIONS

Monthly metered Special Provisions A through J contained in the Company's Rate Schedule for Transportation Service shall apply to transportation service under this rate schedule.

VIII. 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: ~~January 31, 2025~~

Effective: ~~August 1, 2025~~

Deleted: December 20, 2024

Deleted: January

NATIONAL FUEL GAS
DISTRIBUTION CORPORATION

Supplement No. ~~280~~ to
Gas - Pa. P.U.C. No. 9

One-Hundred-~~Eighteenth~~ Revised Page No. 76

Canceling One-Hundred-~~Seventeenth~~ 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
\$1,165.00 per Month

Distribution Charges
~~10.380¢~~ per 100 cubic feet (I)

Deleted: 9.669

Gas Adjustment Charge
~~2.387¢~~ per 100 cubic feet Purchased Gas Cost Component (I)
(Rider A)

Deleted: (6.413)

~~0.008¢~~ per 100 cubic feet Merchant Function Charge (I)
(Rider G)

Deleted: (0.022)

~~2.395¢~~ per 100 cubic feet Total Gas Adjustment Charge (I)

Deleted: (6.435)

(D) Indicates Decrease

(I) Indicates Increase

Issued: ~~January 31, 2025~~ Effective: ~~August 1, 2025~~

Deleted: October 31, 2024

Deleted: November 1, 2024

NATIONAL FUEL GAS
DISTRIBUTION CORPORATION

Supplement No. ~~280~~ to
Gas - Pa. P.U.C. No. 9
Fifty-Ninth Revised Page No. 76A
Canceling Fifty-Eighth Revised Page No. 76A

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LIS
Large Industrial Service (Cont'd)

Natural Gas Supply Charge

51.372 ¢	per 100 cubic feet	Purchased Gas Cost Component (Rider A)	(I)
0.175¢	per 100 cubic feet	Merchant Function Charge (Rider G)	(I)
1.149¢	per 100 cubic feet	Gas Procurement Charge (Rider H)	
52.696 ¢	per 100 cubic feet	Total Natural Gas Supply Charge	(I)

Deleted: 44.732

Deleted: 152

Deleted: 46.033

The Natural Gas Supply Charge shall include a Merchant Function Charge (Rider G) to recover uncollectible costs associated with purchase gas costs of 0.3398% and the Gas Procurement Charge (Rider H) to recover costs of procuring natural gas pursuant to 52 Pa. Code §62.223.

The above non-purchased gas cost rates shall be subject to surcharges in accordance with provisions of Rider B - State Tax Adjustment Surcharge and DSIC - Distribution System Improvement Charge.

Deleted: (C)

GAS SHORTAGE CURTAILMENT

Service under this schedule to an LIS Industrial Customer is subject to curtailment and excess consumption penalty as set forth in Rule 26 of this tariff.

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: ~~January 31, 2025~~ Effective: ~~August 1, 2025~~

Deleted: December 20, 2024

Deleted: January

NATIONAL FUEL GAS
DISTRIBUTION CORPORATION

Supplement No. ~~280~~ to
Gas - Pa. P.U.C. No. 9
One-Hundred-~~Tenth~~ Revised Page No. 80
Canceling One-Hundred-~~Ninth~~ Revised Page No. 80

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2. Margin Demand Charge

- a. The rate per Margin BDU shall be \$.2517 per Margin BDU.
- b. Determination of Customer's Margin BDUs

The Customer's Margin BDUs shall be determined as follows: The actual deliveries of gas to the Customer by Company, including not only volumes of gas purchased by the Customer from the Company and used by the Customer in the separately-metered load balancing facilities but also volumes of Customer-owned gas transported to the Customer's load balancing facilities through the Company's facilities, during such Customer's Peak billing Cycle, as defined hereinafter, shall be multiplied by a fraction. The numerator shall be the number 30. The denominator shall be the number of days of service for which such Customer was billed in such Customer's Peak Billing Cycle.

The Customer's Peak Billing Cycle shall be the single billing cycle of maximum delivery to the Customer's separately-metered load balancing facilities that ended during one of the months of December, January, February and March during the period beginning with the most recently-completed billing cycle ended in December and ending with the current billing cycle.

If the customer used no gas under this rate schedule during the most recently concluded billing cycles ended in December, January, February or March, then the level of Margin BDUs applicable to Customer shall be zero (0).

B. COMMODITY CHARGES FOR SALES AND FOR TRANSPORTATION SERVICE

1. Commodity Charge for Sales Service

The monthly Commodity Charge for Sales Service shall be the product of multiplying the rate per Mcf, determined as provided below, by the volume of gas sold to the Customer by the Company during the applicable billing cycle.

The rate per Mcf shall be determined as follows and shall be ~~\$3.3202~~ per (I) Mcf, subject to revision as provided below:

Deleted: 2.1528

The current components of the rate are as follows:

Purchased Gas Commodity		
Costs, set forth in Rider "A"	\$3.1278 /Mcf	(I)
Non Gas Costs	\$0.1924/Mcf	

Deleted: 1.9604

a. Determination of Rate per Mcf

The rate per Mcf shall be the sum of:

(D) Indicates Decrease

(I) Indicates Increase

Issued: ~~January 31, 2025~~

Effective: ~~August 1, 2025~~

Deleted: October 31, 2024

Deleted: November 1, 2024

NATIONAL FUEL GAS
DISTRIBUTION CORPORATION

Supplement No. ~~280~~ to
Gas - Pa. P.U.C. No. 9
Forty-~~Eighth~~ Revised Page No. 81
Canceling Forty-~~Seventh~~ Revised Page No. 81

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1. The net amount per Mcf for recovery of the commodity component of purchased gas costs and for recovery or refund of "E" factor amounts, the "PGCC", as determined in Rider "A" - Section 1307(f) Purchased Gas Costs of this tariff; plus

2. The amount of \$.1924 per Mcf for recovery of non-gas costs.

Each time there is a change in the provision for recovery of purchased gas costs pursuant to Rider "A" of this tariff, a recomputation shall be made of the commodity component of purchased gas costs (Item 1, above) and the rate per Mcf shall be changed accordingly. The component included in the rate for recovery of non-gas costs shall remain constant until changed in accordance with a procedure, other than a proceeding pursuant to Section 1307(f) of the Public Utility Code, 66 Pa.C.S. Section 1307(f).

2. Commodity Charge for Transportation Service

The monthly Commodity Charge for Transportation Service shall be the product of multiplying the rate per Mcf, determined as provided below, by the volume of gas transported by the Company to the Customer's load balancing facilities.

The rate per Mcf for transportation of gas under this rate schedule shall be \$0.~~7024~~ per Mcf, which includes \$0.1924 for recovery of non-gas costs and \$0.~~5100~~ for recovery of purchased gas. (I)

Deleted: 6624

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V. SURCHARGE

The non-purchased gas cost Demand Charges and the non-purchased gas cost Commodity Charge for Sales Service and the non-purchased gas cost Commodity Charge for Transportation Service shall be subject to surcharges in accordance with provisions of Rider B - State Tax Adjustment Surcharge and DSIC - Distribution System Improvement Charge as set forth in this tariff.

Deleted: (C)

VI. AMOUNTS TO BE INCLUDED IN OVER/UNDERCOLLECTION OF GAS COSTS

Purchased gas cost revenues billed under this rate schedule shall be included as revenues for recovery of gas costs for purposes of computing Factor "E" of Company's 1307(f) rate in accordance with procedures set forth in Rider "A" - Section 1307(f) Purchased Gas Costs.

VII. SPECIAL PROVISIONS

Monthly metered Special Provisions A through J contained in the Company's Rate Schedule for Transportation Service shall apply to transportation service under this rate schedule.

VIII. 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: ~~January 31, 2025~~

Effective: ~~August 1, 2025~~

Deleted: December 20, 2024

Deleted: January

NATIONAL FUEL GAS
DISTRIBUTION CORPORATION

Supplement No. ~~280~~ to
Gas - Pa. P.U.C. No. 9
One-Hundred-~~Eighth~~ Revised Page No. 82
Canceling One-Hundred-~~Seventh~~ Revised Page No. 82

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RATE SCHEDULE - NGV

NATURAL GAS VEHICLE SERVICE

I. APPLICABILITY

Throughout the territory served under this tariff.

II. AVAILABILITY

Sales Service under this rate schedule is available for use of natural gas by a customer directly in a natural gas motor vehicle ("NGV").

III. NATURE OF SERVICE

Service provided in this rate schedule shall be firm service subject to the curtailment priorities of Rule 26. For curtailment purposes, service under this rate schedule shall be defined as curtailment priority number (6), firm large noncritical commercial and industrial requirements other than requirement for boiler fuel use.

IV. RATE

Rates per 100 cu. Ft. shall be established by the Company on the first day of each calendar month for each of the categories set forth below to compete with alternative vehicle fuels. The rates shall not be less than the 100% load factor base cost of gas, plus the take-or-pay surcharge, plus the surcharge for Transition Cost, plus the incremental operating cost incurred by the Company for operating Company owned NGV compression equipment on a per Ccf basis, if any, plus \$0.01 per cu. ft., plus the state tax adjustment surcharge, and not more than the tailblock rate of the Commercial and Public Authority Service Rate Schedule, including all applicable surcharges, plus the incremental operating cost incurred by the Company for operating Company owned NGV compression equipment on a per Ccf basis, if any.

The 100% load factor base cost of gas shall be \$0.~~43891~~ per 100 cu. ft. (I)
(as calculated by adding the purchase gas components of the Load Balancing Service Rates).

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Purchased Gas 100% Load Factor Demand Cost	\$0. 12613 /Ccf	(I)
plus Purchased Gas Commodity Cost Equals	\$0. 31278 /Ccf	(I)
100% Load Factor Base Cost of Gas	\$0. 43891 /Ccf	(I)

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The incremental operating cost for compression shall be \$0.13436/Ccf.

(D) Indicates Decrease

(I) Indicates Increase

Issued: ~~January 31, 2025~~

Effective: ~~August 1, 2025~~

Deleted: October 31, 2024

Deleted: November 1, 2024

NATIONAL FUEL GAS
DISTRIBUTION CORPORATION

Supplement No. ~~280~~ to
Gas - Pa. P.U.C. No. 9
One-Hundred-~~Thirty-First~~ Revised Page No. 83
Canceling One-Hundred-~~Thirtieth~~ Revised Page No. 83

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Natural gas vehicle customers are classified into the following categories:

NGV(1) All natural gas vehicle customers utilizing Company owned filling facilities. A uniform rate shall be established each month within the parameters set forth above, for customers utilizing Company-owned filling facilities.

The minimum NGV(1) rate shall be: \$0. ~~58275~~/Ccf (I)

Deleted: 44537

The current components of the minimum NGV(1) rate are as follows:

100% load factor base cost of gas: \$0. ~~43891~~/Ccf (I)
Incremental operating cost of Company owned NGV compression equipment: \$0.13436/Ccf
Transition Cost Surcharge \$0.00000/Ccf
State Tax Adjustment Surcharge \$ (0. ~~00052~~)/Ccf (D)
Minimum allowable Non-Gas cost \$0.01000/Ccf

Deleted: 30141

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The maximum NGV(1) rate shall be: \$0. ~~89455~~/Ccf (I)

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The current components of the maximum NGV(1) rate are as follows:

Tailblock rate of the Commercial and Public Authority Service Rate schedule: \$0. ~~76100~~/Ccf (I)
Incremental operating cost of Company owned NGV compression equipment: \$0.13436/Ccf
State Tax Adjustment Surcharge \$ (0. ~~00081~~)/Ccf (D)

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NGV(2) Natural gas vehicle customers utilizing customer owned filling facilities. A uniform rate will be established each month within the parameters set forth above, to customers utilizing customer owned filling facilities.

The minimum NGV(2) rate shall be: \$0. ~~44851~~/Ccf (I)

Deleted: 31113

The current components of the minimum NGV(2) rate are as follows:

100% load factor base cost of gas: \$0. ~~43891~~/Ccf (I)
Transition Cost Surcharge \$0.00000/Ccf
State Tax Adjustment Surcharge \$ (0. ~~00040~~)/Ccf (D)
Minimum allowable Non-Gas cost \$0.01000/Ccf

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The maximum NGV(2) rate shall be: \$0. ~~76032~~/Ccf (I)

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(D) Indicates Decrease

(I) Indicates Increase

Issued: ~~January 31, 2025~~

Effective: ~~August 1, 2025~~

Deleted: October 31, 2024

Deleted: November 1, 2024

NATIONAL FUEL GAS
DISTRIBUTION CORPORATION

Supplement No. ~~280~~ to
Gas - Pa. P.U.C. No. 9
One-Hundred-Twenty-~~Sixth~~ Revised Page No. 84
Canceling One-Hundred-Twenty-~~Fifth~~ Revised Page No. 84

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The current components of the maximum NGV(2)
rate are as follows:

Tailblock rate of the Commercial and Public
Authority Service Rate schedule:
State Tax Adjustment Surcharge

\$0.~~76100~~/Ccf
\$(0.~~00068~~)/Ccf

(I)

(D)

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V. SURCHARGE

All non-purchased gas cost charges under this rate schedule will be
subject to surcharges in accordance with provisions of Rider B - State Tax
Adjustment Surcharge and DSIC - Distribution System Improvement Charge as set
forth in this tariff.

Deleted: (C)

VI. AMOUNTS TO BE INCLUDED IN OVER/UNDERCOLLECTION OF GAS COSTS

Purchased gas cost revenues billed under this rate schedule shall be
included as revenues for recovery of gas costs for purposes of computing
Factor "E" of Company's 1307(f) rate in accordance with procedures set forth
in Rider "A" - section 1307(f) Purchased Gas Costs. Purchased gas cost
revenues recovered under this rate schedule shall be the 100% load factor base
cost of gas as defined above.

VII. 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

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NATIONAL FUEL GAS
DISTRIBUTION CORPORATION

Supplement No. ~~280~~ to
Gas - Pa. P.U.C. No. 9
Eighty-~~Third~~ Revised Page No. 93
Canceling Eighty-~~Second~~ Revised Page No. 93

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RATE SCHEDULE PSB

PRIORITY STANDBY SERVICE

APPLICABILITY

Throughout the territory served under this tariff.

AVAILABILITY OF SERVICE

Service under this rate schedule is available to all customers under the Residential, Commercial and Public Authority, and SVIS Rate Schedules which enter into a contract for service under this Rate Schedule. A customer will be permitted to enter into a contract, prepared by the Company, for service under this rate schedule, however, only if the Company projects that sufficient volumes of gas will be available to the Company during the period of the customer's contract for Priority Standby Service.

Service under this rate schedule is mandatory for all customers categorized as Priority 1 under the curtailment priorities of Rule 26 who enter into contracts with the Company to receive Transportation Service and who do not have dual or alternate fuel equipment on site which is installed and operable with sufficient amounts of alternate fuel available on site during each winter period of each year commencing on December 1 and ending on March 31 of the following year. Service under this rate schedule is voluntary for all other customers.

NATURE OF SERVICE

Priority standby service shall permit the customer to purchase gas on a firm basis subject to curtailment priorities of Rule 26. The Company will take all reasonable steps to obtain or to maintain gas supplies sufficient to enable the Company to provide reasonably continuous service to each Customer receiving Priority Standby Service.

MONTHLY RATE

The monthly rate shall be \$1.~~2284~~ per Mcf, which shall be applied to the (I) total monthly volumes transported by the customer during the month.

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The rate shall equal the PGDC portion of the commodity rate applicable to the corresponding sales rate classification.

(D) Indicates Decrease

(I) Indicates Increase

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NATIONAL FUEL GAS
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Eighty-~~Third~~ Revised Page No. 95
~~Canceling Eighty-Second~~ Revised Page No. 95

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MONTHLY RATE

The monthly rate shall be \$0.~~5764~~ per Mcf, which shall be applied to (I)
the Monthly Volume, as defined below.

MONTHLY VOLUME

The Mcf volume of gas to which the Monthly Rate set forth above shall
be applied, shall be determined for each billing cycle, as set forth below;

1. The volume of gas specified in the Service Agreement under this
rate schedule shall be adjusted for each billing cycle by,
multiplying such volume, expressed in Mcf, by a fraction. The
numerator of the fraction shall be the number of days in the
billing cycle applicable to the customer and the denominator
shall be thirty (30).
2. If the volume determined under item 1, above, is greater than the
sum of the Mcf volume of gas purchased by the customer under rate
schedules other than load balancing rate schedules during the
billing cycle, the Monthly Rate shall be applied to the
difference between: (a) the volume determined under item 1,
above, and (b) the Mcf volume of gas purchased by the customer
under the rate schedules other than load balancing rate schedules
during such billing cycle.
3. If the volume determined under item 1, above, is equal to or less
than the Mcf volume of gas purchased by the customer under rate
schedules other than load balancing rate schedules during the
billing cycle, then the Monthly Volume shall be zero (0) Mcf.

(D) Indicates Decrease

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NATIONAL FUEL GAS
DISTRIBUTION CORPORATION

Supplement No. 280 to
Gas - Pa. P.U.C. No. 9
Fifty-~~Seventh~~ Revised Page No. 100
Canceling Fifty-Fourth and Fifty-~~Sixth~~ Revised Page No. 100

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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 (I)
\$0.5100 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:

\$3.4711 Mcf (I)

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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:

\$2.8094 per Mcf for Small Commercial/Public Authority using not more (I)
than 250 Mcf per year

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\$2.5655 per Mcf for Small Commercial/Public Authority using greater (I)
than 250 Mcf but not more than 1,000 Mcf per year

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\$2.1772 per Mcf for Large Commercial/Public Authority (I)

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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:

\$2.8094 per Mcf for Small Commercial/Public Authority using not more (I)
than 250 Mcf per year

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\$2.5655 per Mcf for Small Commercial/Public Authority using greater (I)
than 250 Mcf but not more than 1,000 Mcf per year

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\$2.1722 per Mcf for Large Commercial/Public Authority (I)

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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:

\$2.5822 per Mcf for SVIS Customers (I)

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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:

\$2.5822 per Mcf for SVIS Customers (I)

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(D) Indicates Decrease

(I) Indicates Increase

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NATIONAL FUEL GAS
DISTRIBUTION CORPORATION

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Fifty-~~Fifth~~ Revised Page No. 101
Canceling Fifty-Second and Fifty-~~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. ~~8447~~ per Mcf for IVIS Customers (I)

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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. ~~8447~~ per Mcf for IVIS Customers (I)

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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. ~~5343~~ per Mcf (I)

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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. ~~5343~~ per Mcf (I)

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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:

\$1. ~~1093~~ per Mcf (I)

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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:

\$1. ~~1093~~ per Mcf (I)

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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

(I) Indicates Increase

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NATIONAL FUEL GAS
DISTRIBUTION CORPORATION

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One-Hundred-~~Thirteenth~~ Revised Page No.106
Canceling One-Hundred-~~Twelfth~~ Revised Page No.106

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E. In the event of interruption or curtailment of transportation service, pursuant to items C and D, above, and during such period of interruption or curtailment, the MMT Customer must sell to the Company all or a portion of the MMT Customer's supply of gas at the higher of (1) the Transportation Service Customer's cost of purchased gas at the point of delivery to the Company or (2) the Company's average cost of purchased gas per Mcf, as determined based upon the Company's Section 1307(f) Rate, which is ~~\$5.5714.~~ (I)

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F. If for any reason (including the default of an MMNGS Supplier), the MMNGS Supplier fails to provide sufficient daily deliveries of natural gas supplies to meet the MMT Customers DDQ pursuant to the terms of MMNGS supply service, and/or MMT Customer's MMNGS Supplier does not provide complete compensation to the Company for services provided under Rate Schedule MMNGS, Special Provision D.3, the Company shall charge the MMT Customer for the deficient daily deliveries under the applicable gas sales rate schedule plus applicable surcharge as set forth in Rate Schedule SB Special Provisions.

(D) Indicates Decrease

(I) Indicates Increase

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NATIONAL FUEL GAS
DISTRIBUTION CORPORATION

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Gas - Pa. P.U.C. No. 9
One-Hundred-~~Twelfth~~ Revised Page No. 117
Canceling One-Hundred-~~Eleventh~~ Revised Page No.117

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E. In the event of interruption or curtailment of transportation service, pursuant to items C and D, above, and during such period of interruption or curtailment, the DMT Service Customer must sell to the Company all or a portion of the DMT Service Customer's supply of gas at the higher of (1) the Transportation Service Customer's cost of purchased gas at the point of delivery to the Company or (2) the Company's average cost of purchased gas per Mcf, as determined based upon the Company's Section 1307(f) Rate, which is ~~\$5.5714~~.

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F. If a Gas Service Customer receiving gas transported by the Company uses less than the amount of gas delivered into the Company's system for transportation to such Customer ("excess deliveries"), the Gas Service Customer receiving gas transported by the Company may use such gas during the banking/balancing period defined below, following which the Company shall have the right, but not the obligation, to purchase remaining excess deliveries of gas from the DMT service Customer at a rate equal to the lowest of (1) the cost at which it was acquired by the DMT Service Customer, including pipeline transportation charges, or (2) the Company's average commodity delivered cost of gas to National Fuel Gas Supply Corporation, or (3) the Company's average commodity cost of locally produced gas during the month when excess deliveries were received by the Company. The cost at which the DMT Service Customer acquired the gas will be determined from such Customer's contract with the supplier or by a sworn affidavit setting forth the Customer's cost of gas, including cost of delivery of such gas to the Company's system. Upon request by the Company, the DMT Service Customer will be required to furnish to the Company the DMT service Customer's choice of (1) a copy of this contract or (2) an affidavit. The banking/balancing period shall be the three billing months after the billing month in which the Company received excess deliveries in behalf of the Customer.

G. "Underdeliveries" are volumes of gas taken from the Company by a Gas Service Customer in excess of the sum of (1) any excess deliveries of the customer at the beginning of the day and (2) the volume of gas delivered to the Company for the customer's account, after adjustment for line losses less volumes of volumes of gas determined to be sales by the Company to the customer. Cumulative underdeliveries, as determined each day, in excess of two percent of the volume of gas delivered by the Company to the customer that day, shall be a sale of gas by the Company to the customer under the applicable rate schedule plus applicable surcharges as set forth in Rate Schedule SB Special Provisions and shall not be recharacterized as transportation service under any circumstances. Cumulative underdeliveries of not more than two percent of the volume of gas delivered to a customer by the Company on any day may be offset by volumes of gas delivered to the Company for the customer's account, after adjustment for line losses, in excess of the volume of gas taken by the customer from the Company on subsequent days within the same billing month.

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DISTRIBUTION CORPORATION

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Sixty-~~Sixth~~ Revised Page No. 119A
Canceling Sixty-~~Fifth~~ Revised Page No. 119A

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RATE SCHEDULE SATC
SMALL AGGREGATION TRANSPORTATION CUSTOMER SERVICE (Cont'd)

RATES AND CHARGES

A. Customer Transportation Service Rates

The Company will provide transportation services to deliver gas supplies to the SATC Customer(s). The Customer shall be billed the charges for the transportation services rendered for it at the appropriate charges provided herein for which service the SATC Customer qualifies.

The SATC Customer shall pay the following transportation charges for the transportation of gas. The commodity rates set forth below contain a component, presently \$0.~~04387~~ per Ccf, for the recovery of purchased gas (I) demand costs and shall be adjusted pursuant to Rider A of the tariff. Such purchased gas costs collected though these rates shall be included as revenues for the recovery of purchased gas costs as specified in Rider A of this tariff.

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NATIONAL FUEL GAS
DISTRIBUTION CORPORATION

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One-Hundred-~~Twentieth~~ Revised Page No. 120
Canceling One-Hundred-~~Nineteenth~~ 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:

\$14.00 Basic Service Charge
\$0. ~~33998~~ per 100 cubic feet (I)

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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:

\$27.00 Basic Service Charge
\$0. ~~27381~~ per 100 cubic feet (I)

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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:

\$37.00 Basic Service Charge
\$0. ~~24942~~ per 100 cubic feet (I)

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

\$151.00 Basic Service Charge
\$0. ~~21009~~ per 100 cubic feet (I)

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DISTRIBUTION CORPORATION

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One-Hundred-Twenty-~~Fifth~~ Revised Page No. 121
Canceling One-Hundred-Twenty-~~Fourth~~ 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:

\$82.00 Basic Service Charge
\$0. ~~25109~~ per 100 cubic feet

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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:

\$252.00 Basic Service Charge
\$0. ~~17734~~ per 100 cubic feet

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B. Miscellaneous Customer Surcharges

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

2. The above non-purchased gas cost SATC rates shall be subject to surcharges in accordance with provisions of Rider B - State Tax Adjustment Surcharge and DSIC - Distribution System Improvement Charge.

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NATIONAL FUEL GAS
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Thirty-Ninth Revised Page No. 126
Canceling Thirty-Eighth Revised Page No. 126

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RATE SCHEDULE SATS
SMALL AGGREGATION TRANSPORTATION SUPPLIER SERVICE (Cont.)

C. Total Upstream Capacity Requirements for SATS Suppliers

SATS Suppliers shall be required to provide sufficient firm pipeline transportation and storage capacity to meet the estimated extreme day requirements of their SATC Customer groups as further described below. The Sats Suppliers' estimated extreme day requirements of their SATC Customer Group used for Supplier capacity allocations and requirements shall be based on a sixty-two (62) degree day extreme peak day calculation. The Company shall utilize peaking and temperature swing storage capacity retained by the Company and recovered through SATC rates to provide for any variances between actual and forecasted usage and for any peak delivery requirements for days colder than sixty-two (62) degree days.

Such sufficient pipeline transportation and storage capacity shall be provided through the following means:

1. Released ESS Storage Capacity and Associated EFT Capacity
 - a. Requirements To Be Met Through ESS Storage

~~52%~~ of extreme peak day requirements shall be provided through the Company's ESS storage and associated EFT transportation capacity on NFGSC. Such NFGSC Storage and transmission capacity shall be released to Sats Suppliers at the maximum rate under the pipeline's FERC gas tariff. (D)

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- b. Initial Assignment of ESS Storage Capacity

In a month a Sats Supplier begins to serve SATC customers, it shall be provided with an initial assignment of storage capacity, based on the percentage set forth at C.1.a. above, to meet the Supplier's requirements for the upcoming winter period. Approximately fifteen days prior to the close of nominations for the month, the Company will calculate the quantity of storage capacity released to match the Sats Supplier's winter requirements based on the number of SATC Customers aggregated by the Supplier. If the initial assignment takes place in a month other than April, the Company will transfer storage gas to the Supplier pursuant to C.1.c below. The Sats Supplier shall be responsible for all taxes and pipeline fees associated with moving or transferring the storage gas to the Company.

(D) Indicates Decrease
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Seventy-~~Fifth~~ Revised Page No. 127
Canceling Seventy-~~Fourth~~ Revised Page No. 127

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RATE SCHEDULE SATS
SMALL AGGREGATION TRANSPORTATION SUPPLIER SERVICE (Cont.)

c. Additional Assignments of ESS Storage Capacity

Approximately fifteen days prior to the close of nominations for each month, the Company will recalculate the quantity of storage capacity released to match the SATS Supplier's revised winter requirements based on the number of SATC Customers aggregated by the Supplier. If additional SATC Customers join a SATS Supplier's SATC Customer Group, the Company will release additional capacity as required, based on the percentage set forth at C.1.a. above. In addition, the SATS Supplier will be required to pay the Company for storage gas transferred and all taxes and pipeline fees associated with moving or transferring the storage gas to the Supplier. The storage gas transfer rate shall be the sum of (1) the higher of the Company's average cost of gas based upon the Company's Section 1307f rate, or the DMI for the first day of month in which gas is transferred plus all transportation costs to the Company's City Gate, plus (2) the demand Transfer Recovery Rate ("DTR Rate"). The DTR rate shall equal the per Mcf System Average Unrecovered Demand Charge revenue beginning in the month of April through the initial month that storage capacity is released to the Supplier. The System Average Unrecovered demand Charge Revenue shall equal the sum of the differences between the average demand charge revenues and the average fixed demand costs beginning the month of April through the initial month that storage capacity is released to the Supplier.

The DTR by month shall be as follows:

Capacity Transfer Month	DTR \$/Mcf
April	\$0.00
May	\$0.00
June	\$0.00
July	\$0.00
August	\$0.00
September	\$0.00
October	\$0.00
November	\$0. 94
December	\$ 1.31
January	\$ 1.09
February	\$0. 56
March	\$0.00

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Canceling Seventy-Eighth Revised Page No. 131

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RATE SCHEDULE SATS
SMALL AGGREGATION TRANSPORTATION SUPPLIER SERVICE (Cont.)

2. Released Transmission Capacity Not Included in SATC
Transportation Rates

~~48%~~ of extreme peak day requirements is to be provided by the release of pipeline capacity upstream of NFGSC and the release of associated EFT transportation capacity on NFGSC which is not included in transportation rates. All such capacity shall be released to SATS Suppliers, and SATS Suppliers shall take such released capacity, at the maximum rate under the pipeline's FERC gas tariff. The actual pipeline capacity path upstream of NFGSC to be released to the Supplier by the Company shall be designated by the Company from its available capacity. The Company will attempt to accommodate a Supplier's request for particular capacity on a first-come first-serve basis. (I)

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As an alternative to the above, the Company may designate an alternative capacity path(s) from its available capacity. The capacity release rate for the pipeline capacity path released to the Supplier shall be \$7.1451/Dth which equals the weighted average demand cost of upstream capacity, however, capacity released on NFGSC will be released at the maximum rate under NFGSC's FERC gas tariff. The Company will post a listing of the alternative capacity path(s) designated, including the associated quantity of capacity, on its web site. (I)

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For capacity termination notices, prior to the termination notice date of any capacity contract in this Section C.2., the Company will issue a request for proposals to qualified Suppliers under this tariff to determine if the Company should terminate, renew, or replace such contract, in whole or in part. The Company will terminate a proportionate share of the capacity contract if: (1) Suppliers demonstrate that they will provide comparable firm capacity to serve the Company's core customers, (2) the Suppliers agree to assign such comparable capacity at the contracted price to the Company upon Company request if such capacity is required to meet supply requirements of SATC Customers due to the termination of the SATS Supplier pursuant to Section H.1. or if the Supplier has reduced the level of delivery requirements from the previous periods requirements, and 3) the Commission approves such comparable capacity. Comparable capacity must have firm rights for at least the seven (7) winter months, and such capacity must have primary delivery rights into available primary receipt rights on NFGSC held by the Company. Comparable capacity must have firm capacity rights sufficient in volume and duration (with renewal rights) to serve the customers to be served by the SATS Supplier. The Company will post a listing of capacity contracts, including the associated quantity of capacity, that it determines to be of critical status on its web site.

(D) Indicates Decrease

(I) Indicates Increase

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Canceling ~~Eighty-First~~ Revised Page No. 146G

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E. In the event of interruption or curtailment of transportation service, pursuant to items C and D, above, and during such period of interruption or curtailment, the DMLMT Service customer must sell to the Company all or a portion of the DMLMT Service Customer's supply of gas at the higher of (1) the Transportation Service Customer's cost of purchased gas at the point of delivery to the Company or (2) the Company's average cost of purchased gas per Mcf, as determined based upon the Company's Section 1307(f) Rate which is ~~\$5.5714~~.

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F. If a Gas Service Customer receiving gas transported by the Company uses less than the amount of gas delivered into the Company's system for transportation to such Customer ("excess deliveries"), the Gas Service Customer receiving gas transported by the Company may use such gas during the banking/balancing period defined below, following which the Company shall have the right, but not the obligation, to purchase remaining excess deliveries of gas from the DMLMT Service Customer at a rate equal to the lowest of (1) the cost at which it was acquired by the DMLMT Service Customer, including pipeline transportation charges, or (2) the Company's average commodity delivered cost of gas to National Fuel Gas Supply Corporation, or (3) the Company's average commodity cost of locally-produced gas during the month when excess deliveries were received by the Company. The cost at which the DMLMT Service Customer acquired the gas will be determined from such Customer's contract with the supplier or by a sworn affidavit setting forth the Customer's cost of gas, including cost of delivery of such gas to the Company's system. Upon request by the Company, the DMLMT service Customer will be required to furnish to the Company the DMLMT Service Customer's choice of (1) a copy of this contract or (2) an affidavit. The banking/balancing period shall be the three billing months after the billing month in which the Company received excess deliveries in behalf of the Customer.

G. "Underdeliveries" are volumes of gas taken from the Company by a Gas Service Customer in excess of the sum of (1) any excess deliveries of the customer at the beginning of the day and (2) the volume of gas delivered to the Company for the customer's account, after adjustment for line losses less volumes of gas determined to be sales by the Company to the customer. Cumulative underdeliveries, as determined each day, in excess of two percent of the volume of gas delivered by the Company to the customer that day, shall be a sale of gas by the Company to the customer under the applicable rate schedule plus applicable surcharges as set forth in Rate Schedule SB Special Provisions and shall not be recharacterized as transportation service under any circumstances. Cumulative underdeliveries of not more than two percent of the volume of gas delivered to a customer by the Company on any day may be offset by volumes of gas delivered to the Company for the customer's account, after adjustment for line losses, in excess of the volume of gas taken by the customer from the Company on subsequent days within the same billing month.

(D) Indicates Decrease

(I) Indicates Increase

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RIDER A
SECTION 1307(F) PURCHASED GAS COSTS
PROVISION FOR RECOVERY OF PURCHASED GAS COSTS

Rates for each Mcf (1,000 cubic feet) of gas supplied under Residential, Low Income Residential Assistance Service, Commercial and Public Authority, Commercial and Public Authority Load Balancing Service ("LBS"), Small Volume Industrial, Intermediate Volume Industrial, Intermediate Volume Industrial LBS, Large Industrial, Large Industrial LBS, Large Volume Industrial, Large Volume Industrial LBS and Natural Gas Vehicle Service rate schedules of this tariff, shall include \$1.9604 per Mcf for recovery of purchased gas commodity costs, calculated in the manner set forth below, pursuant to Section 1307(f) of the Public Utility Code. (I)

Rates for each Mcf (1,000 cubic feet) of gas supplied under Residential, Commercial and Public Authority, Small Volume Industrial Service, Intermediate Volume Industrial, Large Volume Industrial Service, Large Industrial Service and Standby Service rate schedules of this tariff, shall include \$1.8715 per Mcf for recovery of purchased gas demand costs, calculated in the manner set forth below, pursuant to Section 1307(f) of the Public Utility Code. (I)

Rates for each Mcf (1,000 cubic feet) of gas transported under the Small Aggregation Transportation Customer Rate Schedule shall include \$0.3676 per Mcf for the recovery of purchased gas demand costs. (I)

Such rates for gas service shall be increased or decreased, from time to time, as provided by Section 1307(f) of the Public Utility Code and the Commission's regulations, to reflect changes in the level of purchased gas costs.

The amounts per Mcf for recovery of purchased gas costs (commodity and demand) included in rates under each rate schedule of the tariff are as follows:

	Distribution		Gas Adjustment	Natural Gas	
	Total	Charges	Charge	Supply Charge	
Residential	\$5.8146 \$4.1995	\$0.4387 \$0.3676	\$(0.2387) 6413)	\$5.1372 \$4.473 2	(I)
Low Income Residential Assistance Service	\$5.8146 \$4.1995	\$0.4387 \$0.3676	\$(0.2387) 6413)	\$5.1372 \$4.473 2	(I)
Commercial/Public Authority	\$5.8146 \$4.1995	\$0.4387 \$0.3676	\$(0.2387) 6413)	\$5.1372 \$4.473 2	(I)
Small Volume Industrial	\$5.8146 \$4.1995	\$0.4387 \$0.3676	\$(0.2387) 6413)	\$5.1372 \$4.473 2	(I)
Intermediate Volume Industrial	\$5.8146 \$4.1995	\$0.4387 \$0.3676	\$(0.2387) 6413)	\$5.1372 \$4.473 2	(I)
Large Volume Industrial	\$5.8146 \$4.1995	\$0.4387 \$0.3676	\$(0.2387) 6413)	\$5.1372 \$4.473 2	(I)
Large Industrial	\$5.8146 \$4.1995	\$0.4387 \$0.3676	\$(0.2387) 6413)	\$5.1372 \$4.473 2	(I)
Standby	\$0.5566 5764				(I)
Priority Standby	\$1.4819 2284				(I)
Small Aggregation Transportation Customer Rate Schedule	\$0.3676 4387	\$0.3676 4387			(I)

(I) Indicates Decrease

(I) Indicates Increase

Issued: ~~October~~ January 31, ~~2024~~ 2025

Effective: ~~November~~ ~~December~~ August 1,
~~2024~~ 2025

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Rider G
Merchant Function Charge (MFC) Rider

Applicability:

The Merchant Function Charge (MFC) shall be added to the Natural Gas Supply Charge and Gas Adjustment Charge of Residential, CAP, Commercial and Public Authority, SVIS, IVIS, LVIS and LIS rate schedules.

Such charges shall be updated quarterly and effective each February 1, May 1, August 1, and November 1 of the year. The charge will also be updated whenever there is a change to the Sales Service Rate Customer Charge, Distribution Charge, Natural Gas Supply Charge or Gas Adjustment Charge.

Calculation of Rate:

For customers receiving service in the Residential classification, the MFC shall equal 1.8032% times the Natural Gas Supply Charge and the Gas Adjustment Clause as calculated for Rider A.

The current Residential MFC Charge is:

Natural Gas Supply Charge per Mcf	\$0.0926	(I)
Gas Adjustment clause (E-Factor) per Mcf	\$0.0043	(I)
Total Residential MFC per Mcf	\$0.0969	(I)

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For customers receiving service in the Non-Residential classifications, the MFC shall equal 0.3398% times the Natural Gas Supply Charge and Gas Adjustment Clause as calculated for Rider A.

The current Non-Residential MFC Charge is:

Natural Gas Supply Charge per Mcf	\$0.0175	(I)
Gas Adjustment clause (E-Factor) per Mcf	\$0.0008	(I)
Total Non-Residential MFC per Mcf	\$0.0183	(I)

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(C) Indicates Change

(D) Indicates Decrease

(I) Indicates Increase

Issued: ~~January 31, 2025~~ Effective: ~~August 1, 2025~~

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NATIONAL FUEL GAS
DISTRIBUTION CORPORATION

Supplement No. ~~280~~ to
Gas - Pa. P.U.C. No. 9
Fifty-~~Eighth~~ Revised Page No. 169
Canceling Fifty-~~Seventh~~ Revised Page No. 169

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Rider H
Gas Procurement Charge (GPC)

APPLICABILITY

Effective June 1, 2013, the Gas Procurement Charge will be included in the Natural Gas Supply Charge of Residential, CAP, Commercial and Public Authority, SVIS, IVIS, LVIS and LIS rate schedules.

The charge is designed to recover the costs of procuring natural gas pursuant to 52 Pa. Code §62.223. The natural gas procurement costs included in the GPC charge will only be updated in a base rate case.

The GPC to be included in the Natural Gas Supply Charge shall be \$0.1149 / Mcf and is not reconcilable.

Price To Compare Component	Non Residential		
	Residential (¢ per 100 cubic feet)	Residential (¢ per 100 cubic feet)	
Natural Gas Supply Charge			
Purchased Gas Cost Component (Rider A)	<u>51.372</u>	<u>51.372</u>	(I)
Merchant Function Charge associated with Natural Gas Supply Charge (Rider G)	<u>0.926</u>	<u>0.175</u>	(I)
Gas Procurement Charge (Rider H)	<u>1.149</u>	<u>1.149</u>	
Subtotal Natural Gas Supply Charge	<u>53.447</u>	<u>52.696</u>	(I)
Gas Adjustment Charge			
Purchased Gas Cost Component (Rider A)	<u>2.387</u>	<u>2.387</u>	(I)
Merchant Function Charge associated with Gas Adjustment Charge (Rider G)	<u>0.043</u>	<u>0.008</u>	(I)
Subtotal Gas Adjustment Charge	<u>2.430</u>	<u>2.395</u>	(I)
Total Price To Compare	<u>55.877</u>	<u>55.091</u>	(I)

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(D) Indicates Decrease

(I) Indicates Increase

Issued: ~~January 31, 2025~~

Effective: ~~August 1, 2025~~

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DIRECT TESTIMONY OF
CHRISTOPHER A. CEJ
ON BEHALF OF
NATIONAL FUEL GAS DISTRIBUTION CORPORATION

PENNSYLVANIA PUBLIC UTILITY COMMISSION

v.

NATIONAL FUEL GAS DISTRIBUTION CORPORATION
(PURCHASED GAS COSTS -- 66 PA.C.S. SECTION 1307(f)),
DOCKET NO. R-2025-3052742

1 Q. Please state your name and business address.

2 A. My name is Christopher A. Cej, and my business address
3 is 6363 Main Street, Williamsville, New York 14221.

4 Q. By whom are you employed and in what capacity?

5 A. I am employed by National Fuel Gas Distribution
6 Corporation ("Distribution" or the "Company") as
7 General Manager of the Gas Supply Administration
8 Department and the Energy Services Department. I
9 report directly to the Vice President.

10 Q. What are your duties as General Manager of the Gas
11 Supply Administration Department?

12 A. I am responsible for overseeing the Gas Procurement,
13 Gas Accounting, Gas Planning, and Transportation
14 Services functional areas.

15 Q. What are your duties as General Manager of the Energy
16 Services Department?

17 A. The Energy Services Department performs various
18 commercial and industrial customer support, marketing
19 development, and technology deployment functions.

20 Q. Please summarize your education and work experience.

21 A. I received a Bachelor of Science Degree in Civil
22 Engineering from the State University of New York at
23 Buffalo in 1991. I was hired by Distribution in
24 February 1992 as a Management Trainee in the Risk

1 Management-Environmental Affairs Department. I
2 received my Certified Hazardous Materials Manager
3 ("CHMM") certification through the Institute of
4 Hazardous Materials Management. In 2000 I transferred
5 to the Energy Services Department where I received my
6 certification as a Chartered Industrial Gas Consultant
7 through the Gas Research Institute. In October 2004 I
8 was transferred to Gas Supply Administration and
9 promoted to General Manager in February 2018, and I
10 was recently assigned responsibilities for the Energy
11 Services Department in February 2024.

12 Q. What is the subject of your testimony?

13 A. I am testifying to PGC Exhibit Nos. 4, 8, 9 and 32.

14 Q. Were PGC Exhibit Nos. 4, 8, 9, and 32 prepared under
15 your supervision and direction?

16 A. Yes, they were.

17 Q. Please explain PGC Exhibit No. 4.

18 A. PGC Exhibit No. 4 is Distribution's response to the
19 Pennsylvania Public Utility Commission ("PAPUC")
20 filing requirement at 52 Pa. Code § 53.64(c)(1), which
21 requires details regarding contracts under which
22 Distribution purchases supplies of gas and
23 renegotiations of such contracts. PGC Exhibit No. 4
24 also provides details regarding Distribution's

1 contracts for upstream pipeline transportation and
2 storage services, the design of rates for such
3 services, and recent and pending negotiations of such
4 upstream pipeline contracts. Ms. Lisa Petko and Mr.
5 Marc Cuthbertson will be testifying to the specific
6 elements contained in this Exhibit.

7 Q. Please explain PGC Exhibit No. 8.

8 A. PGC Exhibit No. 8 is Distribution's response to the
9 PAPUC filing requirement at 52 Pa. Code § 53.64(c)(1),
10 which requires details of future procurement, capacity
11 strategies or changes. I'll highlight two significant
12 issues detailed in PGC Exhibit No. 8. The first is
13 related to the Company's recent market demand forecast
14 that reflects changing market demand over the next few
15 years. Retaining its current level of firm capacity
16 ensures the Company will continue to reliably serve
17 the changing forecasted demand during the next five
18 years. The second issue is the Company's amended Gas
19 Cost Management Plan that adds a new fixed price hedge
20 for a portion of its summer purchases pursuant to
21 settlement specified in Docket No. R-2023-3037428.
22 Distribution executed three fixed price purchase
23 transactions with suppliers during May and June 2024.
24 The suppliers will make daily deliveries of the

1 prescribed supplies from April 1, 2025, to October 31,
2 2025. Ms. Lisa Petko and Mr. Marc Cuthbertson will
3 offer greater detail in their respective testimonies.

4 Q. Please explain PGC Exhibit No. 9.

5 A. PGC Exhibit No. 9 provides monthly summaries of
6 Distribution's capacity release and assignment
7 activities.

8 Q. Please explain PGC Exhibit No. 32.

9 A. PGC Exhibit No. 32 provides monthly summaries of
10 Distribution's supply mix for the period December 1,
11 2023 through November 30, 2024.

12 Q. Are there any other issues about which you wish to
13 testify?

14 A. Yes, I would like to provide an update on the
15 Company's efforts to identify renewable gas ("RNG")
16 and certified natural gas ("CNG") opportunities.

17 Q. Is the Company pursuing RNG opportunities?

18 A. Yes, the Company continues to pursue and review
19 potential beneficial RNG procurement opportunities to
20 present to the Parties. The Company is focusing on
21 procurement opportunities that support growth of RNG
22 production connected to the Company's system that may
23 enhance system delivery pressure reliability, or RNG
24 production accessible through the Company's portfolio

1 of firm pipeline capacity assets, at a market-based
2 gas price.

3 Q. Has the Company pursued CNG opportunities?

4 A. Yes, The Company has implemented the approved three-
5 year pilot program to procure CNG pursuant to terms
6 and conditions specified in PGC Docket No. R-2024-
7 3045177. The Company has executed two CNG
8 transactions for the current winter season with a
9 delivery period of November 1, 2024 through March 31,
10 2025. These two transactions satisfy the CNG
11 procurement criteria developed and approved by the
12 Parties. Refer to Mr. Cuthbertson's testimony
13 Distribution PGC Statement No. 3 for details of these
14 transactions.

15 Q. Will the Company continue pursuing CNG supplies and
16 its associated certifications?

17 A. Yes. The Company anticipates successful execution of
18 additional future CNG purchase transactions during the
19 remaining timeframe of the approved CNG pilot program.

20 Q. Does this conclude your testimony?

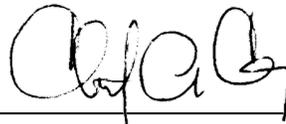
21 A. Yes, it does at this time.

Verification

I, *Christopher A. Cej*, General Manager, of the Gas Supply Administration Department of National Fuel Gas Distribution Corporation state that the facts set forth in the foregoing Purchased Gas Cost Filing under Section 1307(f) of the Public Utility Code and 52 Pa. Code §§ 53.64 and 53.65 Docketed at R-2025-3052742 including

Distribution PGC Statement No. 1 - Direct Testimony of Christopher A. Cej
Exhibit Nos. 4 (partial), 8 (partial), 9, and 32

are true and correct to the best of my knowledge, information and belief, and that I expect to be able to prove the same at a hearing held in this matter. This statement is made subject to the penalties of 18 Pa. C.S. § 4904 relating to unsworn falsifications to authorities.

A handwritten signature in black ink, appearing to read 'C. Cej', written over a horizontal line.

Christopher A. Cej

This 31st day of January, 2025

TESTIMONY OF
MARC T. CUTHBERTSON
IN BEHALF OF
NATIONAL FUEL GAS DISTRIBUTION CORPORATION

PENNSYLVANIA PUBLIC UTILITY COMMISSION

v.

NATIONAL FUEL GAS DISTRIBUTION CORPORATION
(PURCHASED GAS COSTS -- 66 PA.C.S. SECTION 1307(f)),
DOCKET NO. R-2025-3052742

DIRECT TESTIMONY OF MARC T. CUTHBERTSON
DOCKET NO. R-2025-3052742

1 Q. Please state your name and business address.

2 A. My name is Marc T. Cuthbertson, and my business
3 address is 6363 Main Street, Williamsville, New York
4 14221.

5 Q. By whom are you employed and in what capacity?

6 A. I am employed by National Fuel Gas Distribution
7 Corporation ("Distribution" or the "Company") as a
8 Manager of Procurement & Optimization in the Gas
9 Supply Administration Department ("GSA").

10 Q. What are your duties as Manager of Procurement &
11 Optimization for Distribution?

12 A. I manage the development and implementation of
13 Distribution's Gas Procurement and Gas Planning
14 policies.

15 Q. Please summarize your education and work experience.

16 A. I received a Bachelor of Science Degree in Business
17 Administration from the State University of New York
18 at Buffalo in 2008. In June 2008, I was hired by
19 Distribution as a Supervisor in GSA working in the Gas
20 Accounting area. In 2010, I was transferred to the Gas
21 & Capacity Procurement area within GSA where my
22 responsibilities included natural gas procurement,
23 asset optimization, and natural gas scheduling. In
24 2023, I was promoted to Manager.

DIRECT TESTIMONY OF MARC T. CUTHBERTSON
DOCKET NO. R-2025-3052742

1 Q. What is the subject of your testimony?

2 A. I am testifying to PGC Exhibit No. 4 (partial), PGC
3 Exhibit No. 8 (partial), PGC Exhibit No. 9 and PGC
4 Exhibit No. 32.

5 Q. Were PGC Exhibit Nos. 4, 8, 9, and 32 prepared under
6 your supervision and direction?

7 A. Yes, they were.

8 Q. Please explain PGC Exhibit No. 4.

9 A. The portion of PGC Exhibit No. 4 that I am sponsoring
10 begins on page 6, line 1 and ends on page 13, line 16.
11 My testimony details the manner in which Distribution
12 used Term (delivery terms greater than one month) and
13 Spot (delivery terms equal to or less than one month)
14 purchase transactions to obtain commitments of firm
15 supply.

16 Consistent with its least-cost purchasing
17 strategy, Distribution utilized the take-or-release
18 flexibility provided in its Term purchase agreements
19 to incorporate lower cost Spot supplies in its winter
20 supply portfolio. Prior to each month and day of the
21 contract term, and accounting for operational
22 conditions at that time, Distribution evaluated its
23 purchase options and elected the best-cost supply
24 option. For any month or day that Term supplies were

1 replaced with lower cost Spot supplies, Distribution
2 maintained the daily call option provided in the Term
3 supply contract. Thus, Distribution's ratepayers
4 realized savings while still being ensured winter
5 supply reliability.

6 As presented in PGC Exhibit No. 4, Ms. Petko
7 describes Distribution's continued effort to realign
8 its capacity portfolio. As a result of these actions,
9 Distribution has been able to maintain and increase
10 its primary access to reliable northeast supplies.
11 Using its upstream transmission assets, Distribution
12 was able to purchase all of its winter 2023-2024
13 supplies at receipt points in the northeast.

14 As Distribution's upstream capacity portfolio
15 evolves, Distribution will continue to evaluate the
16 appropriate gas purchase contracts for Term and Spot
17 supplies from the appropriate supply basins.
18 Distribution's goal remains to achieve cost savings
19 for its customers while maintaining service
20 reliability and price stability.

21 Q. Please explain PGC Exhibit No. 8.

22 A. My testimony for PGC Exhibit No. 8 includes portions
23 of Section II (page 10, line 10 to page 21, line 21.

1 Section II, Distribution's Least Cost Purchase
2 Strategy, reviews the details of Distribution's Term
3 and Spot purchases. Also described in this section is
4 Distribution's Gas Cost Management Plan ("Plan") and
5 how it is used to mitigate price volatility through
6 price diversity.

7 Q. Please describe why the Company revised its Exhibit 8
8 filing?

9 A. The Company revised Exhibit 8, E. "Asset Management
10 Arrangements" on page 19, line 10 through 21, because
11 the Company did not issue an asset management
12 arrangement ("AMA") request for proposal ("RFP") for
13 its Tennessee Gas Pipeline capacity for the historical
14 year. The Company instead optimized pipeline capacity
15 values through a series of capacity releases.
16 The Company is submitting the Exhibit 8 revision to
17 reflect its actions during the current period.

18 Q. Could you further explain the Plan?

19 A. The Plan (Exhibit MTC-1) lays out in summary form how
20 storage and gas purchase pricing methodologies are
21 used by Distribution to diversify pricing and mitigate
22 gas cost volatility.

23 Section I of the Plan identifies fixed and capped
24 forward pricing measures Distribution will use for

1 purchasing approximately 12% of its forecasted winter
2 (November - March) supply requirements.

3 Section II recognizes that approximately 40% of
4 the winter supplies are withdrawn from storage.

5 Section III notes that approximately 24% of
6 winter and 50% of summer supplies will be priced at a
7 mix of index, NYMEX Settlement plus fixed physical
8 basis, and bid week negotiated cash prices.

9 Section IV takes into account that the remaining
10 supplies (approximately 24% winter and 50% summer)
11 will be procured on a daily basis and will be priced
12 at index and/or Cash prices.

13 The Plan provides for the flexibility to adjust
14 the timing of forward prices based on market
15 fundamentals and unanticipated events.

16 Q. Please describe the changes to the Plan under the
17 settlement R2023-3037428.

18 A. Effective April 1st 2025, the Company has amended its
19 current Plan to incorporate fixed summer price
20 purchases, see Exhibit MTC-2.

21 Section I of the Plan identifies fixed and capped
22 forward pricing measures Distribution will use for
23 purchasing approximately 15% - 20% of its forecasted

1 summer (April - October) demand requirements and
2 storage fill requirements.

3 Section III notes that approximately 30% - 35% of
4 summer supplies will be priced at a mix of index,
5 NYMEX Settlement plus fixed physical basis, and bid
6 week negotiated cash prices.

7 Section IV considers that the remaining supplies
8 50% of summer supplies will be procured on a daily
9 basis and will be priced at index and/or Cash prices.

10 Q. Has the Company implemented the forward priced
11 transactions under the Plan effective April 1, 2025?

12 A. Yes. The Company issued two rounds of RFPs for forward
13 price transactions, one was issued in May 2024, and
14 the second RFP was issued in July 2024. The RFP was
15 sent to natural gas suppliers for baseload fixed price
16 deliveries starting on April 1st, 2025 - October 31st,
17 2025. Distribution executed three fixed price purchase
18 transactions to meet the forward price hedging
19 requirements.

20 Q. Has Distribution entered into any AMA or storage fill
21 agreements?

22 A. Pursuant to a RFP issued in February 2024,
23 Distribution entered into a storage fill agreement for
24 the 2024 injection season. The Supplier was required

1 to deliver a quantity of gas which would satisfy a
2 portion of Distribution's seasonal injection
3 requirement. In general, Distribution attempts to
4 purchase supplies evenly over the summer injection
5 season in order to diversify inventory costs. In
6 exchange for a gas cost discount, the supplier was
7 provided the ability to choose the days of delivery.
8 The total value of the discount was approximately
9 \$120,000.

10 Q. Are there any other specific issues you would like to
11 highlight regarding gas procurement practices in PGC
12 Exhibit No. 8?

13 A. Yes. I would like to briefly address capacity and
14 basin diversity.

15 The pipeline capacity entitlements discussed in
16 PGC Exhibit No. 8, Section II, Part C, afford
17 Distribution opportunities to purchase gas sourced
18 from the Marcellus, Utica and Mid-continent production
19 basins. Distribution maintains master gas purchase
20 contracts with suppliers that have substantial gas
21 supplies in these production areas and is prepared to
22 purchase gas supplies at receipt point interconnects
23 in these basins. To the extent that older production
24 basins decline, and new basins are developed, this

1 pipeline capacity diversity will ensure Distribution
2 ratepayers will have access to reliable gas supplies
3 in the future.

4 During the historical year, market area
5 production from the Marcellus and Utica shale basins
6 represented 100% of Distribution's purchases. These
7 market area purchases, coupled with the revenues
8 associated with releasing the unutilized upstream
9 capacity on a recallable basis, contribute to
10 Distribution's least-cost gas procurement strategy of
11 minimizing ratepayer cost while preserving firm access
12 to established liquid pool points.

13 Distribution continues to rely upon firm access
14 to market area pooling points and paths, including
15 Texas Eastern Transmission's M2 Market area pool,
16 Tennessee Gas Pipeline Company's station 219 pool, and
17 the firm paths through production areas along the
18 Texas Eastern and Tennessee pipeline systems.
19 Maintaining firm access to liquid pooling points and
20 paths is an important reliability criteria considered
21 by Distribution when evaluating its capacity
22 portfolio.

23 Q. Please explain PGC Exhibit No. 9.

1 A. PGC Exhibit No. 9 provides monthly summaries of
2 Distribution's capacity release and off-system sale
3 activity during the period December 1, 2023 through
4 November 30, 2024. The total value of all sharable
5 releases during the period was \$1,000,000.

6 Similar to last year, market conditions did not
7 support off-system sales and no margins were generated
8 during the 12-month historic period ending November
9 30, 2024.

10 Q. Please explain PGC Exhibit No. 32.

11 A. PGC Exhibit No. 32 provides monthly summaries of
12 Distribution's supply mix for the period December 1,
13 2023 through November 30, 2024.

14 Q. Are there any other issues about which you wish to
15 testify?

16 A. Yes, I would like to provide an update regarding the
17 Company's approved pilot program to procure certified
18 natural gas ("CNG").

19 Q. Per Docket Nos. R-2024-3045177 what was outlined in
20 the Company's CNG Pilot Program?

21 A. Per Docket Nos. R-2024-3045177, "Distribution will
22 pursue the least cost CNG, and will undertake
23 commercially reasonable efforts to minimize the cost
24 impact to its PGC customers from the costs associated

1 with purchasing CNG, consistent with current practices
2 for procuring firm supplies of non-certified gas.”

3 Q. Has the Company met the requirements that were
4 described above?

5 A. Yes. The Company issued an RFP (Exhibit MTC-3) to
6 market participants in October 2024 to minimize the
7 cost impact on its PGC customers from purchasing CNG.
8 The RFP was for firm natural gas supplies with
9 certified natural gas certificates, for the delivery
10 period from November 1, 2024, to March 31, 2025.
11 The Company solicited baseload offers for CNG at three
12 locations: Tennessee Gas Pipeline Zone-4 219 Pool,
13 Texas Eastern M-2 Pool, and Columbia Gas Pipeline TCO
14 Pool. Confidential Exhibit MTC-4 includes supplier
15 responses, quantities offered, index pricing and
16 adjustments, CNG premiums, and the final selection of
17 contracted CNG bids.

18 Exhibit MTC-4 also provides a detailed table of non-
19 CNG transactions that were executed for a price
20 comparison between CNG and non-CNG deals.

21 Q. What other provisions were agreed upon for the CNG
22 Pilot Program?

23 A. In its 2025 PGC filing the Company is required to
24 complete the following:

- 1 i) Distribution will report the daily quantities of
2 CNG purchased, the price paid including
3 applicable demand charge, published index price
4 and applicable index price adjustment for each
5 transaction;
- 6 ii) Distribution will identify the overall PGC rate
7 impact of its CNG purchase(s);
- 8 iii) Distribution will identify the BTU content of its
9 CNG purchases and any impact of a change in BTU
10 content from that of other purchases on usage;
- 11 iv) Distribution will provide an estimate of the
12 methane mitigation amounts resulting from
13 purchases under the Pilot Program.

14 Q. Has the Company met the criteria outlined for the CNG
15 Pilot Program?

16 A. Yes. The Company has addressed the following:

- 17 i) Confidential Exhibit MTC-4 includes the daily
18 quantities of CNG purchased, the price paid
19 including applicable demand charge, published
20 index price and applicable index price adjustment
21 for each transaction.
- 22 ii) PGC Rate Impact: Exhibit MTC-5 calculates the PGC
23 Rate impact from the CNG Premiums.

1 iii) The BTU content of the CNG gas is consistent with
2 pipeline quality gas that the Company typically
3 purchases at these points.

4 iv) At this time, the Company does not have enough
5 information to provide an estimate of the methane
6 mitigation amounts resulting from purchases under
7 the Pilot Program. The Company's initial CNG
8 contracts started November 1st, 2024, and
9 certificates are not generated by third parties
10 until after the month of delivery occurs. The
11 Company anticipates having a complete data set
12 from the two CNG transactions by no later than
13 July 1st 2025. The Company proposes a supplemental
14 report to the parties once the data has been
15 fully collected and analyzed.

16 Q. Did Distribution limit its CNG transaction contract
17 price, including possible demand charge, to not exceed
18 \$.07/Dth ("premium") over the published index price in
19 addition to limiting the total annual CNG premium cost
20 to not exceed 175,000?

21 A. Yes. Confidential Exhibit MTC-6 includes the premium
22 per Dth applicable to the published index price and
23 includes the calculated year to date spend.

DIRECT TESTIMONY OF MARC T. CUTHBERTSON
DOCKET NO. R-2025-3052742

1 Q. Did Distribution comply with the approved condition
2 that the Company will not use or reference any
3 affiliated crediting agency?

4 A. Yes. The Company is not affiliated with any crediting
5 agency that was used for the CNG certifications.

6 Q. Does this conclude your testimony?

7 A. Yes, it does at this time.

Verification

I, *Marc T. Cuthbertson*, *Manager* of the Gas Supply Administration Department of National Fuel Gas Distribution Corporation state that the facts set forth in the foregoing Purchased Gas Cost Filing under Section 1307(f) of the Public Utility Code and 52 Pa. Code §§ 53.64 and 53.65 Docketed at R-2025-3052742 including

Distribution PGC Statement No. 4 - Direct Testimony of Marc T. Cuthbertson, Exhibit MTC-1, Exhibit MTC-2, Exhibit MTC-3, Exhibit MTC-4, Exhibit MTC-5, MTC Exhibit-6, Exhibit Nos. 4 (partial), 8 (partial), 9, and 32.

are true and correct to the best of my knowledge, information and belief, and that I expect to be able to prove the same at a hearing held in this matter. This statement is made subject to the penalties of 18 Pa. C.S. § 4904 relating to unsworn falsifications to authorities.

Marc Cuthbertson

Marc T. Cuthbertson

This 31st day of January, 2025

**National Fuel Gas Distribution Corporation
Pennsylvania Division
GAS COST MANAGEMENT PLAN**

Volatility mitigation through price diversification of gas supplies.

- I.** Forward pricing: Fix or cap approximately 12% of forecasted winter (November – March) demand requirements. Pricing will be established over the preceding summer (April – October).
- II.** Storage: Approximately 40% of winter demand requirements are served from storage, these supplies are priced at a weighted average cost of storage gas.
- III.** Monthly Pricing: Approximately 24% of winter and 50% of summer forecasted demand requirements shall be priced at a mix of index and bid week negotiated (cash) prices.
- IV.** Daily Pricing: Approximately 24% of winter and 50% of summer forecasted demand requirements shall be priced at a mix of index and negotiated (cash) prices.

	Winter	Summer
Forward	12%	0%
Storage	40%	0%
Monthly	24%	50%
Daily	24%	50%
	100%	100%

The timing of when to fix or cap prices, and the percentages indicated above, are general guidelines based on normal weather and operating conditions. Adjustments may be necessary to accommodate operational requirements and unanticipated events.

National Fuel Gas Distribution Corporation
Pennsylvania Division
GAS COST MANAGEMENT PLAN
Effective: April 1, 2025

**Volatility mitigation through price diversification
(100% of forecasted monthly purchases)**

- I.** Forward pricing:
- a. Winter: Approximately 12% of winter forecasted demand (November – March) requirements shall be priced at a mix of fixed price or index price caps. Prices for these winter delivery quantities will be established over the preceding summer (April – October).
 - b. Summer: Approximately 15%-20% of summer forecasted demand requirements and storage fill requirements shall be priced at a fixed price. Prices for these summer delivery quantities will be established over the preceding summer.
- II.** Storage: Approximately 40% of winter demand requirements are served from storage, these supplies are priced at the previous summer’s average purchase price.
- III.** Monthly Pricing: Approximately 24% of winter and 30%-35% of summer forecasted demand requirements shall be priced at a mix of index and bid week negotiated (cash) prices.
- IV.** Daily Pricing: Approximately 24% of winter and 50% of summer forecasted demand requirements shall be priced at a mix of index and negotiated (cash) prices.

	Winter	Summer
Forward	12%	15-20%
Storage	40%	0%
Monthly	24%	30-35%
Daily	24%	50%
	100%	100%

The timing of when to fix or cap prices, and the percentages indicated above, are general guidelines based on normal weather and operating conditions. Adjustments may be necessary to accommodate operational requirements and unanticipated events.

All offers must be received by 1:00 PM EST, Tuesday, October 8th 2024.

Term	Counterparty	Quantity Offered	Location	Index Price (Inside FERC)	Inside FERC Index Premium or Discount (\$/Dth)	Certification Entity	Certification Level (A or B)	Premium for Certification (\$/Dth)	Certification Basin Location	Approx. Methane Intensity
11/1/2024 - 3/31/2025			TGP 219 Pool	TGP Zone 4 - 200 leg		MiQ				
11/1/2024 - 3/31/2025			Texas Eastern M2 Pool	Tetco M2-receipts		MiQ				
11/1/2024 - 3/31/2025			Columbia TCO Pool	Columbia Gas Appalachia		MiQ				

Term	Counterparty	Quantity Offered	Location	Index Price (Inside FERC)	Inside FERC Index Premium or Discount (\$/Dth)	Certification Entity	Certification Level 4 or 5	Premium for Certification (\$/Dth)	Certification Basin Location	Approx. Methane Intensity
11/1/2024 - 3/31/2025			TGP 219 Pool	TGP Zone 4 - 200 leg		OGMP 2.0				
11/1/2024 - 3/31/2025			Texas Eastern M2 Pool	Tetco M2-receipts		OGMP 2.0				
11/1/2024 - 3/31/2025			Columbia TCO Pool	Columbia Gas Appalachia		OGMP 2.0				

*Please note, NFGDC cannot accept natural gas nor certifications from its affiliate Seneca Resources

EXHIBIT MTC-4

PUBLIC VERSION

**CONFIDENTIAL
MATERIALS REDACTED**

EXHIBIT MTC-5

PUBLIC VERSION

**CONFIDENTIAL
MATERIALS REDACTED**

TESTIMONY OF
CAITLIN DIGIORE
ON BEHALF OF
NATIONAL FUEL GAS DISTRIBUTION CORPORATION

PENNSYLVANIA PUBLIC UTILITY COMMISSION

v.

NATIONAL FUEL GAS DISTRIBUTION CORPORATION
(PURCHASED GAS COSTS -- 66 PA.C.S. SECTION 1307(f)),
DOCKET NO. R-2025- 3052742

DIRECT TESTIMONY OF CAITLIN DIGIORE
DOCKET NUMBER R-2024-3045177

- 1 Q. State your name and business address.
- 2 A. My name is Caitlin DiGiore and my business address is 6363 Main
3 Street, Williamsville, New York, 14221.
- 4 Q. By whom are you employed and in what capacity?
- 5 A. I am employed by National Fuel Gas Distribution Corporation (“Distribution”) as a
6 Regulatory Analyst II.
- 7 Q. Can you please describe your responsibilities as Regulatory Analyst II
8 for Distribution?
- 9 A. I work under the direct supervision of the Deputy General Counsel
10 and Chief Regulatory Counsel of the Legal Department. I prepare
11 analyses used to develop Company positions regarding federal regulatory
12 matters (e.g. pipeline filings and generic Federal Energy Regulatory Commission
13 (“FERC”) initiatives), identifying potential cost impacts to customers in
14 Distribution’s Pennsylvania and New York jurisdictions.
- 15 Q. Summarize your education and prior work experience.
- 16 A. I graduated from the University at Buffalo in May 2013, with a Bachelor of
17 Science degree in Business Administration, with a Finance concentration. In May
18 2014, I began my employment at a financial services institution as a Margin
19 Analyst. In April 2016, I joined Distribution as a Rate Analyst I. In October 2021, I
20 transferred to the Legal Department as Regulatory Analyst II, my current position.
- 21 Q. What is the subject of your testimony?
- 22 A. I am testifying to PGC Exhibit Nos. 6 and 6-A.
- 23 Q. Were all sections of PGC Exhibit Nos. 6 and 6-A prepared under your supervision
24 and direction?
- 25 A. Yes, they were.
- 26 Q. Are there any corrections to PGC Exhibit No. 6?
- 27 A. No, there are no corrections to PGC Exhibit No. 6.
- 28 Q. Please explain PGC Exhibit Nos. 6 and 6-A.
- 29 A. Exhibits 6 and 6-A respond to the Commission’s filing requirement at 52 Pa.
30 Code § 53.64(c)(4) and describe Distribution’s involvement in proceedings before
31 FERC and other appropriate regulatory and judicial bodies. These proceedings
32 encompass FERC rulemakings and other generic industry-wide issues, as well as
33 proceedings involving the individual pipelines on which Distribution transports
34 and/or stores gas. Distribution participates in FERC proceedings, both

DIRECT TESTIMONY OF CAITLIN DIGIORE
DOCKET NUMBER R-2024-3045177

1 independently and as a member of the American Gas Association (“AGA”).

2 Q. In what types of FERC proceedings does Distribution intervene?

3 A. Distribution intervenes in major rate filings, periodic adjustments to
4 trackers/surcharge mechanisms that impact rates paid by Distribution, various
5 refunds/credits, modifications to pipeline tariff provisions impacting service to
6 Distribution, and construction project/abandonment filings for facilities that
7 potentially impact service to Distribution and other matters that may have a
8 generic policy impact beyond the scope of the pipeline’s filing.

9 Q. In which filings did Distribution intervene during the historical period?

10 A. Exhibit 6-A lists the dockets in which Distribution intervened, organized by
11 pipeline. The date and type of intervention, along with a description of the docket,
12 is provided in the exhibit.

13 Q. Were there any major rate proceedings during the historic period?

14 A. Yes, on July 31, 2023, National Fuel Gas Supply Corporation (“Supply”) filed a
15 Section 4 Rate Case in Docket No. RP23-929 proposing an approximate 68%
16 increase to rates. Distribution filed a protest and intervention, and it participated
17 in the proceeding as part of a customer group. A series of settlement
18 negotiations resulted in a Stipulation and Agreement, which Supply filed on
19 March 27, 2024. The uncontested settlement was approved by FERC on June
20 11, 2024. The settled rates went into effect as of February 1, 2024, reflecting an
21 approximate increase of 31.9% from rates that were in effect prior to the rate
22 case. Also, Columbia Gas Transmission, LLC (“Columbia”) filed a major Section
23 4 rate case in Docket No. RP224-1103 on September 30, 2024, which included a
24 proposed rate increase of over 100% for both transportation and storage
25 services. Distribution filed an individual Motion to Intervene and Protest on
26 October 15, 2024, and it is participating in the proceeding as part of a customer
27 group made up of similarly situated local distribution companies. The matter is
28 currently ongoing.

29 Q. Were there any other pipeline filings impacting the rates paid by Distribution?

30 A. Yes. Following a series of negotiations between Tennessee Gas Pipeline
31 Company, L.L.C. (“Tennessee”) and its customers, Tennessee filed a
32 Stipulation and Agreement on March 20, 2024 in Docket No. RP24-333
33 establishing a phased-in 8% cumulative rate reduction. The phased-in
34 reduction included a 2% rate reduction effective on January 1, 2024, an

DIRECT TESTIMONY OF CAITLIN DIGIORE
DOCKET NUMBER R-2024-3045177

1 additional 2% rate reduction to be effective on January 1, 2025, and an
2 additional 4% rate reduction to be effective on January 1, 2026. The FERC
3 approved the Stipulation and Agreement on May 30, 2024. Also, following a
4 series of extensive negotiations, Texas Eastern Transmission, L.P. ("Texas
5 Eastern") filed a Stipulation and Agreement on May 31, 2024 in Docket No.
6 RP24-815 proposing an overall 8.75% rate increase with the following two-step
7 phase-in: 6% increase effective October 1, 2024, and 2.75% increase effective
8 January 1, 2026. The FERC approved the Stipulation and Agreement on July
9 31, 2024, and the first rate increase went into effect on October 1, 2024.
10 Distribution also intervened in several dockets on Columbia, Supply, Tennessee,
11 and Texas Eastern updating other existing tracker mechanisms.

12 Q. How does Distribution approach generic issues at FERC?

13 A. Distribution participates through AGA, working with other gas utilities with similar
14 interests. As an industry association, AGA's filings generally have more impact at
15 FERC than the impact of individual utility filings.

16 Q. What types of FERC issues did Distribution address through its
17 participation in AGA during the historic period?

18 A. AGA conducts outreach to FERC Staff, as necessary, to obtain a better
19 understanding of the issues under consideration. During the historic period,
20 significant topics included, but were not limited to, issues regarding the North
21 American Energy Standards Board ("NAESB") Base Contract for Sale and
22 Purchase of Natural Gas, pipeline bidding procedures, and certifications of
23 facilities. AGA also provides support to gas utilities involved with the deliberations
24 at the NAESB (often in response to FERC actions) to ensure meaningful
25 standards development as well as to protect against standards that would shift
26 costs to gas utilities and/or degrade the reliability of firm transportation services
27 delivered to the city gate.

28 Q. Does this conclude your testimony?

29 A. Yes, at this time.

Verification

I, *Caitlin A. DiGiore, Regulatory Analyst II*, of the Legal Department of National Fuel Gas Distribution Corporation state that the facts set forth in the foregoing Purchased Gas Cost Filing under Section 1307(f) of the Public Utility Code and 52 Pa. Code §§ 53.64 and 53.65 Docketed at R-2025-3045177 including

Distribution PGC Statement No. 3 - Direct Testimony of Caitlin A. DiGiore
Exhibit Nos. 6

are true and correct to the best of my knowledge, information and belief, and that I expect to be able to prove the same at a hearing held in this matter. This statement is made subject to the penalties of 18 Pa. C.S. § 4904 relating to unsworn falsifications to authorities.

Caitlin DiGiore

Caitlin A. DiGiore

This 31st day of January, 2025

DIRECT TESTIMONY OF
LISA A. PETKO
ON BEHALF OF
NATIONAL FUEL GAS DISTRIBUTION CORPORATION

PENNSYLVANIA PUBLIC UTILITY COMMISSION

v.

NATIONAL FUEL GAS DISTRIBUTION CORPORATION
(PURCHASED GAS COSTS -- 66 PA.C.S. SECTION 1307(f)),
DOCKET NO. R- R-2025-3052742

1 Q. Please state your name and business address.

2 A. My name is Lisa A. Petko, and my business address is
3 6363 Main Street, Williamsville, New York 14221.

4 Q. By whom are you employed and in what capacity?

5 A. I am employed by National Fuel Gas Distribution
6 Corporation ("Distribution" or the "Company") as an
7 Assistant General Manager in the Gas Supply
8 Administration ("GSA") Department.

9 Q. What are your duties as Assistant General Manager?

10 A. I am responsible for managing the back-office
11 functions of the GSA Department including the Gas
12 Accounting, Gas Planning and Transportation Services
13 groups. I also assist in implementing Distribution's
14 Gas Capacity policies.

15 Q. Please summarize your education and work experience.

16 A. I received a Bachelor of Business Administration
17 Degree in Accounting from Niagara University in 1988.
18 I was hired by National Fuel Gas Supply Corporation
19 ("NFGSC" or "Supply") in October 1990 as a Management
20 Trainee in the Gas Supply Department. I transferred to
21 the Gas Measurement Department of Distribution in 1992
22 and in 1994 I transferred to the Transportation &
23 Exchange group of NFGSC's Gas Supply Department. In

1 1996 I transferred to Distribution's Contract
2 Administration Department. In 2000 I was promoted to
3 the Manager of Gas Accounting within the GSA
4 Department; in 2008 I became a Director. In 2018 I
5 was promoted to my current position.

6 Q. What is the subject of your testimony?

7 A. I am testifying in support of PGC Exhibit Nos. 4
8 (partial), 5, 7-B, 8 (partial), 12, 18, 19, 20, 26-B,
9 30, and 31.

10 Q. Please describe PGC Exhibit No. 4.

11 A. PGC Exhibit No. 4 is Distribution's response to the
12 Pennsylvania Public Utility Commission's ("PAPUC")
13 filing requirement at 52 Pa. Code § 53.64(c)(1), which
14 requires details of Distribution's contracts for gas
15 supplies and upstream pipeline transportation and
16 storage capacity, their rate designs and recent and
17 pending negotiations.

18 I am sponsoring page 2 line 19 through page 5,
19 page 13 and PGC Exhibit No. 4-A. These sections
20 describe Distribution's pipeline, storage and winter
21 gas supply capacity, no cost gas exchange agreements,
22 other utility purchases, Small Aggregation
23 Transportation Customer ("SATC") capacity, non-firm

1 local production gas purchases, and tariff-based gas
2 purchases.

3 Distribution reviews its available options for
4 upstream capacity before determining whether to renew
5 or terminate any existing pipeline, storage, winter
6 gas supply or firm local production contracts. PGC
7 Exhibit No. 4 provides details of capacity revisions
8 made during the historic period, the twelve (12)
9 months ended November 30, 2024.

10 PGC Exhibit No. 4-A presents Distribution's
11 current contracts, volumes, notice period and contract
12 terms.

13 For the winter 2024-2025, approximately 93% of
14 Distribution's contracted upstream firm transportation
15 capacity now has primary receipt in the Northeast
16 (short-haul capacity) and 7% is from the Southwest
17 (long-haul capacity). See Exhibit LAP-1 for the
18 company's capacity mix.

19 Q. Please Explain PGC Exhibit No. 5.

20 A. PGC Exhibit No. 5 is Distribution's response to the
21 PAPUC's filing requirement at 52 Pa. Code § 53.64(c)
22 (3). The filing requirement calls for information
23 pertaining to sources of gas supply, transportation,

1 or storage, which were offered to, or considered by,
2 Distribution during the time periods relevant to this
3 1307(f) filing but were not accepted.

4 Q. Please explain PGC Exhibit No. 7-B.

5 A. PGC Exhibit No. 7-B is part of Distribution's response
6 to the PAPUC filing requirement at 52 Pa. Code §53.64
7 (c) (5) which requires a listing and updating of any
8 gas supply and demand projections provided to the
9 PAPUC. Pages 2, 3, 4 and 5 of PGC Exhibit No. 7-B are
10 copies of Distribution's most recently filed Annual
11 Resource Planning Reports: Form-IRP-Gas-2A: Table 2,
12 Form-IRP-Gas-2B, Form-IRP-Gas-2C, and Form IRP-Gas-2A,
13 which break out Distribution's gas supply, pipeline
14 and storage capacity on both an annual and a peak-day
15 basis in accordance with PAPUC Docket No. L-920066:
16 Integrated Resource Planning for Gas Utilities
17 pursuant to 52 Pa. Code §59.81-84.

18 Q. Please explain PGC Exhibit No. 8.

19 A. I am sponsoring page 2 line 14 through page 10 line 9,
20 and page 13 lines 20 through page 15 line 8, as well
21 as PGC Exhibit Nos. 8-A, 8-B, 8-C and 8-D with regard
22 to capacity reserved for Distribution's customers,
23 capacity retained for temperature variability and

1 peaking, purchase of non-firm local production and
2 Appalachian supplies and tariff-based gas purchases.
3 In general, PGC Exhibit No. 8 describes Distribution's
4 overall gas supply and capacity procurement strategy
5 and provides details of changes that Distribution
6 anticipates that it will make during the link period,
7 the 8 months from December 1, 2024 through July 31,
8 2025, and during the application period, the 12 months
9 beginning August 1, 2025 and ending July 31, 2026. As
10 explained in PGC Exhibit No. 8, there are many factors
11 to be considered in developing a reliable gas supply
12 for firm customers on a least cost basis.

13 Distribution relies on its firm transportation
14 capacity on upstream interstate pipelines to deliver
15 the majority of its gas supplies to Supply. Supply,
16 through its interstate pipeline system, re-delivers
17 Distribution's gas to its isolated distribution
18 systems throughout Northwestern Pennsylvania and
19 Western New York. Supply also owns extensive storage
20 facilities that it operates in concert with its
21 transmission facilities to receive gas (injections)
22 from Distribution during periods of low customer
23 demand. Supply subsequently re-delivers this gas

1 (withdrawals) to Distribution during the winter when
2 market requirements exceed flowing gas supplies
3 available from its upstream pipeline capacity. Such
4 storage injections and withdrawals for the 12-month
5 period of October 1, 2023 through September 30, 2024
6 are depicted in PGC Exhibit No. 8-D. PGC Exhibit No.
7 8-C the 2025-2026 Load Duration Curve shows how
8 Distribution's combined transportation, storage and
9 winter gas call capacities can meet the requirements
10 of a 15% forecasted colder-than-normal winter.

11 The interdependent relationship between Supply
12 and Distribution is evidenced in the Supply System map
13 shown in PGC Exhibit No. No. 8-A. As explained in PGC
14 Exhibit No. 8, Distribution receives gas from Supply
15 at approximately 237 delivery points in Pennsylvania
16 and 128 in New York at geographically dispersed areas
17 where Distribution has facilities and customers. The
18 pink lines are the major transmission lines of the
19 pipeline companies that deliver gas in Northwestern
20 Pennsylvania and Western New York. The blue lines
21 represent major transmission lines and storage
22 facilities of Supply that interconnect Distribution's

1 facilities and customers with the facilities of the
2 upstream interstate pipelines.

3 Q. Please define "critical capacity."

4 A. All of Distribution's pipeline and storage capacity is
5 critical capacity. This mix of capacity meets
6 Distribution's unique market reliability requirements
7 at the least cost to the customer. The capacity plays
8 a critical role in directly serving customer
9 requirements including filling Distribution's
10 contracted storage capacity with Supply. Distribution's
11 no-notice Enhanced Firm Transportation ("EFT")
12 capacity and associated Enhanced Storage Service
13 ("ESS") capacity that it maintains with Supply is used
14 to serve the requirements of its customers located
15 throughout its geographically extensive, yet
16 unconnected, system. In addition, Distribution holds
17 Firm Transportation ("FT") capacity on Supply that
18 delivers to the NFGDC Citygate. Distribution's system
19 relies on its upstream capacity for the procurement of
20 adequate and reliable gas supply. Distribution's
21 upstream capacity includes its firm transportation
22 capacity on Columbia Gas Transmission, LLC
23 ("Columbia"), Tennessee Gas Pipeline Company, L.L.C.

1 ("TGP"), Texas Eastern Transmission, LP ("TETCO") and
2 Firm Storage Service ("FSS") capacities on Supply and
3 Columbia. Discussion beginning at page 2 line 14
4 through page 5 line 17 of PGC Exhibit No. 8 provides a
5 more comprehensive explanation about the "critical"
6 role that Distribution's upstream pipeline and storage
7 capacities serve in meeting its firm service
8 requirements.

9 Q. Please describe the methodology and calculations
10 presented on PGC Exhibit No. 8-B "Calculation of
11 Retained Capacity and SATS Released Transmission
12 Capacity ("RTC") Mix.

13 A. The purpose of PGC Exhibit No. 8-B is to present the
14 calculations used to determine the quantity of
15 capacity that Distribution will retain to meet the
16 temperature swing and peaking requirements of its
17 sales and small aggregation transportation customers
18 and to determine the mix of Supply ESS storage and
19 upstream transportation capacity that Distribution
20 will release to its Small Aggregation Transportation
21 Supplier ("SATS") service suppliers in order to serve
22 its SATC requirements on a Design Peak Day and during
23 a 15% colder-than-normal winter.

1 Q. Has Distribution executed, or is it considering
2 executing, any capacity adjustments in the future?

3 A. Distribution routinely explores opportunities to
4 modify its upstream pipeline assets to improve
5 reliability or reduce costs.
6 Distribution negotiated to modify and extend critical
7 TGP capacity to reduce costs without compromising
8 reliability. Details regarding the extension and
9 modifications are provided in PGC Exhibit 8 beginning
10 on page 9, line 15 through page 10, line 1.

11 Q. Please describe Distribution's contingency capacity
12 requirements.

13 A. Distribution requires contingency capacity to serve
14 its sales and transportation customers should there be
15 a capacity or supplier failure, force majeure instance
16 or should the system experience load requirements that
17 exceed current design peak day projections.

18 Q. Can contingency capacity be used to support services
19 to Monthly Metered Transportation ("MMT") customers?

20 A. Yes. As described in PGC Exhibit No. 24, Distribution
21 allocates a pro-rata quantity of its total contingency
22 capacity to its MMT customers. The availability of
23 contingency capacity to support services to MMT

1 customers does not imply that natural gas suppliers
2 can avoid any part of their daily delivery quantity
3 ("DDQ") requirements. Pursuant to Distribution's
4 tariff, DDQ requirements for MMT customers must be
5 met.

6 Q. Please explain how the quantity of contingency
7 capacity is determined.

8 A. Contingency capacity is the difference between design
9 peak day requirements and the intermediate Supply
10 EFT/FT capacity NFGDC contracts for deliveries to
11 NFGDC. Over time, Distribution has adjusted its
12 intermediate and upstream capacity due to changes in
13 the forecasted market requirements, but not on a one-
14 for-one basis. Distribution considers a reasonable
15 level of contingency capacity as a safety factor when
16 evaluating capacity adjustments.

17 Q. Please describe Exhibit Nos. LAP-2, LAP-3, and LAP-4.

18 A. Exhibit LAP-2 is a graphical representation that
19 compares Distribution's actual city-gate throughput
20 when extrapolated to a 74 Heating Degree Day ("HDD"),
21 as represented by the green diamonds, to the combined
22 forecast total requirements plus the contingency
23 capacity, as shown by the stacked blue and red

1 columns, for each day of the three-day peaks. This
2 data includes the highest throughput over a three-day
3 period for the 11 most recently completed winter
4 heating seasons including November 2013 through March
5 2024.

6 Exhibit LAP-3 presents the same comparison as
7 Exhibit LAP-2 but includes all days that on average
8 were 15 degrees Fahrenheit or colder for the same time
9 period. The forecast total requirements and
10 contingency capacity for the current winter (as of
11 January 15, 2025 the company has not experienced any
12 days 15 degrees Fahrenheit or colder) and following
13 two years are also shown.

14 Exhibit LAP-4 provides a summary table of the
15 total forecast requirements and contingency capacity
16 for Distribution's design peak day beginning with the
17 winter of 2019.

18 Distribution reviews its design peak day firm
19 capacity requirements yearly based on the Design Peak
20 Day forecast. Based upon the current analysis,
21 Distribution does not plan to adjust capacity at this
22 time.

23

1 Q. Please describe PGC Exhibit No.12.

2 A. PGC Exhibit No. 12 provides reference to select
3 supporting information from NFGSC's tariff that
4 identifies numerous operating characteristics of the
5 system. Also listed are the five industrial end
6 usersthat represented 5% or more of Distribution's
7 Pennsylvania Division throughput in any month during
8 the historic period.

9 Q. Please explain PGC Exhibit No. 18.

10 A. PGC Exhibit No. 18 is Distribution's response to 52
11 Pa. Code § 53.65(2). This Exhibit identifies
12 Distribution's access to gas supplies via various
13 upstream pipelines. The transportation and storage
14 available to Distribution from these upstream
15 pipelines is provided in PGC Exhibit Nos. 4 and 7-B.

16 Q. Please explain PGC Exhibit No. 19.

17 A. PGC Exhibit No. 19 is Distribution's response to 52
18 Pa. Code § 53.65(3) and (4). This exhibit explains in
19 what instances Distribution obtains purchased gas from
20 affiliated sources. Distribution refers to PGC Exhibit
21 No. 8 for an explanation of its efforts to obtain gas
22 supplies, transportation, or storage from unaffiliated

1 sources as well as transportation and storage capacity
2 from affiliated sources.

3 Q. Please explain PGC Exhibit No. 20.

4 A. PGC Exhibit No. 20 is Distribution's response to 52
5 Pa. Code § 53.65(5). Distribution explains that
6 neither it nor any of its relevant affiliated
7 interests withheld any transportation or storage
8 capacity from the market. The availability and
9 purchases of local production by Distribution are
10 discussed in detail in PGC Exhibit No. 8.

11 Q. Please explain PGC Exhibit 26-B.

12 A. PGC Exhibit 26-B sets forth the winter of 2026 design
13 peak day city-gate requirements that are forecast to
14 be required by Distribution and by both aggregated and
15 non-aggregated transportation customers.

16 Q. Please explain PGC Exhibit No. 30.

17 A. PGC Exhibit No. 30 is a schedule that shows
18 Distribution's Pennsylvania Division's firm
19 requirements for a design peak day for the winter of
20 2025-2026 and the capacity that will serve those
21 requirements. This exhibit provides an update to the
22 transportation and storage delivery capacity
23 information presented in last year's Annual Resource

1 Planning Report as presented in PGC Exhibit No. 7-B.
2 Distribution expects its design peak day capacity for
3 the winter of 2025-2026 to be 350,792 Dth/day.

4 Q. Please explain PGC Exhibit No. 31.

5 A. PGC Exhibit No. 31 is Distribution's response to the
6 requirements of 52 Pa. Code § 1317(c) and (d) to
7 provide its proposed reliability plan and its supply
8 plan. As explained in PGC Exhibit No. 31, relevant
9 information for these plans is contained in PGC
10 Exhibit Nos. 4, 4-A, 8, 15, 24, 26-A, 26-B and 30.

11 Q. Did Distribution receive any pipeline penalty credits
12 or rate case settlement credits on the monthly
13 pipeline invoices during the 12 months ending November
14 30, 2024?

15 A. Yes, see Exhibit LAP-5 for a list of the credits
16 received in 2024.

17 Q. Does this conclude your testimony?

18 A. Yes, it does at this time.

Verification

I, *Lisa A. Petko*, Assistant General *Manager* of the Gas Supply Administration Department of National Fuel Gas Distribution Corporation state that the facts set forth in the foregoing Purchased Gas Cost Filing under Section 1307(f) of the Public Utility Code and 52 Pa. Code §§ 53.64 and 53.65 Docketed at R-2025-3052742 including

Distribution PGC Statement No. 4 - Direct Testimony of Lisa A. Petko, Exhibit LAP-1, Exhibit LAP-2, Exhibit LAP-3, Exhibit LAP-4, Exhibit LAP-5, Exhibit Nos. 4 (partial), 5, 7-B, 8 (partial), 12, 18, 19, 20, 26-B, 30, and 31.

are true and correct to the best of my knowledge, information and belief, and that I expect to be able to prove the same at a hearing held in this matter. This statement is made subject to the penalties of 18 Pa. C.S. § 4904 relating to unsworn falsifications to authorities.

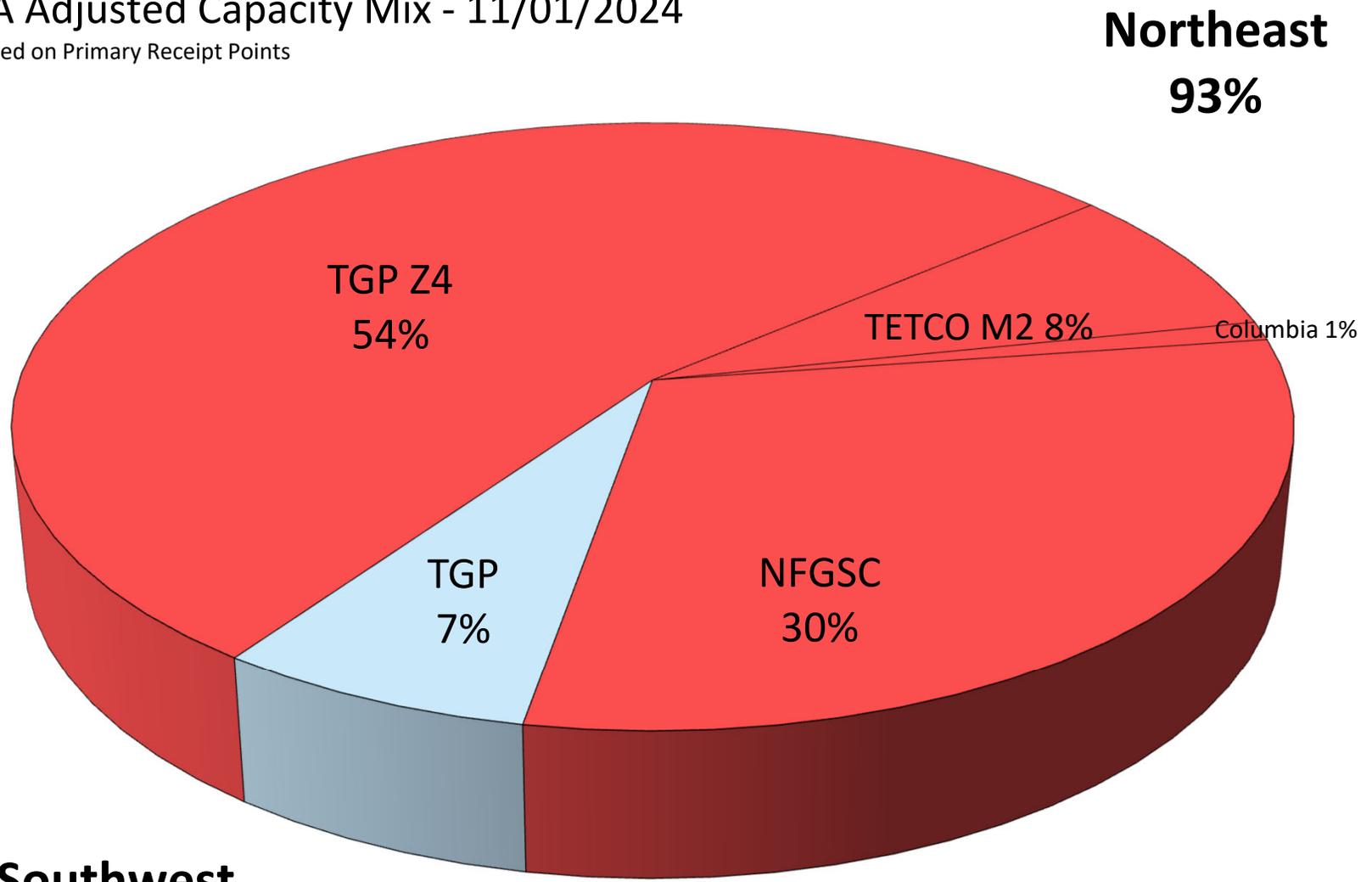
Lisa A Petko

Lisa A. Petko

This 31st day of January, 2025

PA Adjusted Capacity Mix - 11/01/2024

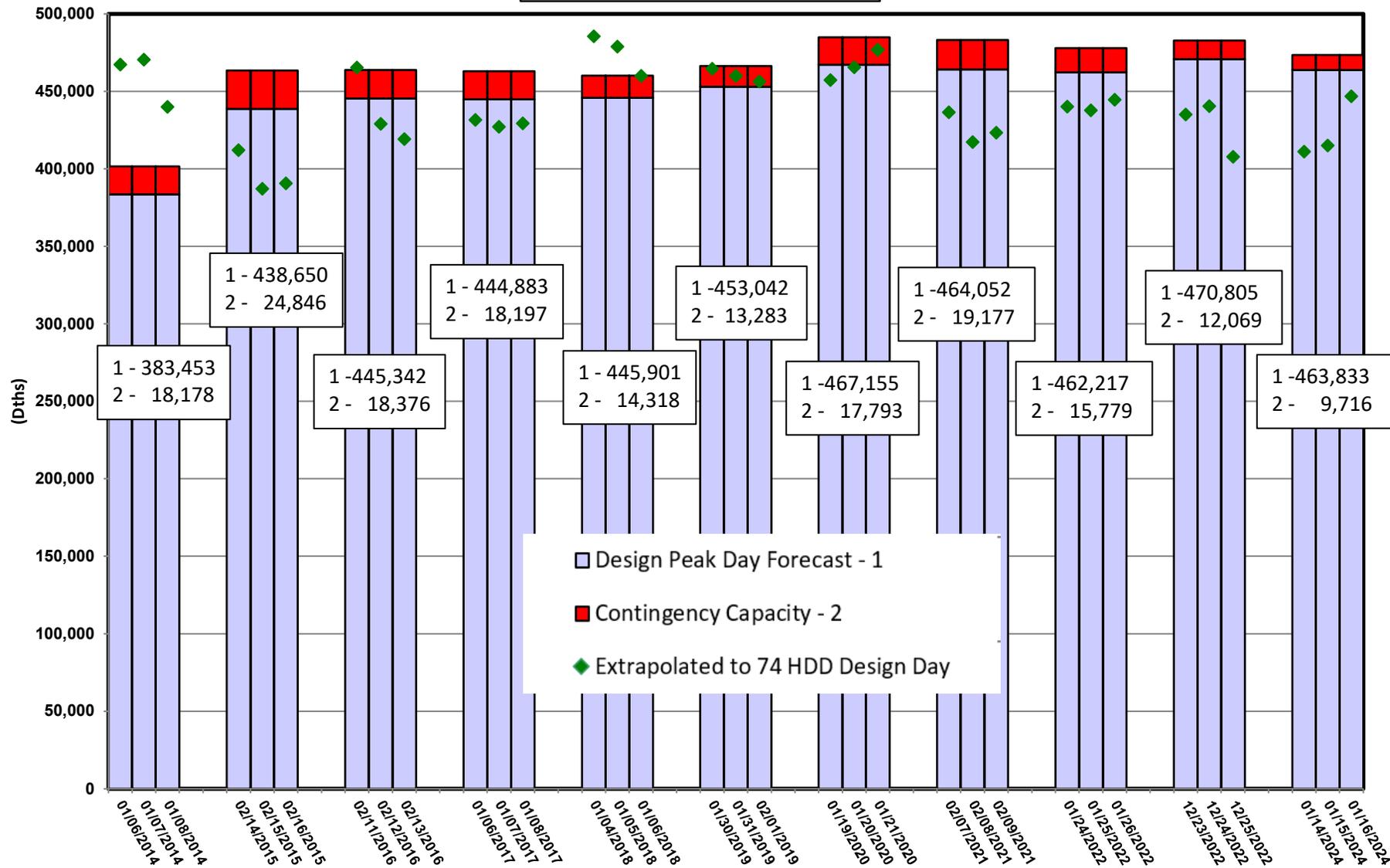
Based on Primary Receipt Points



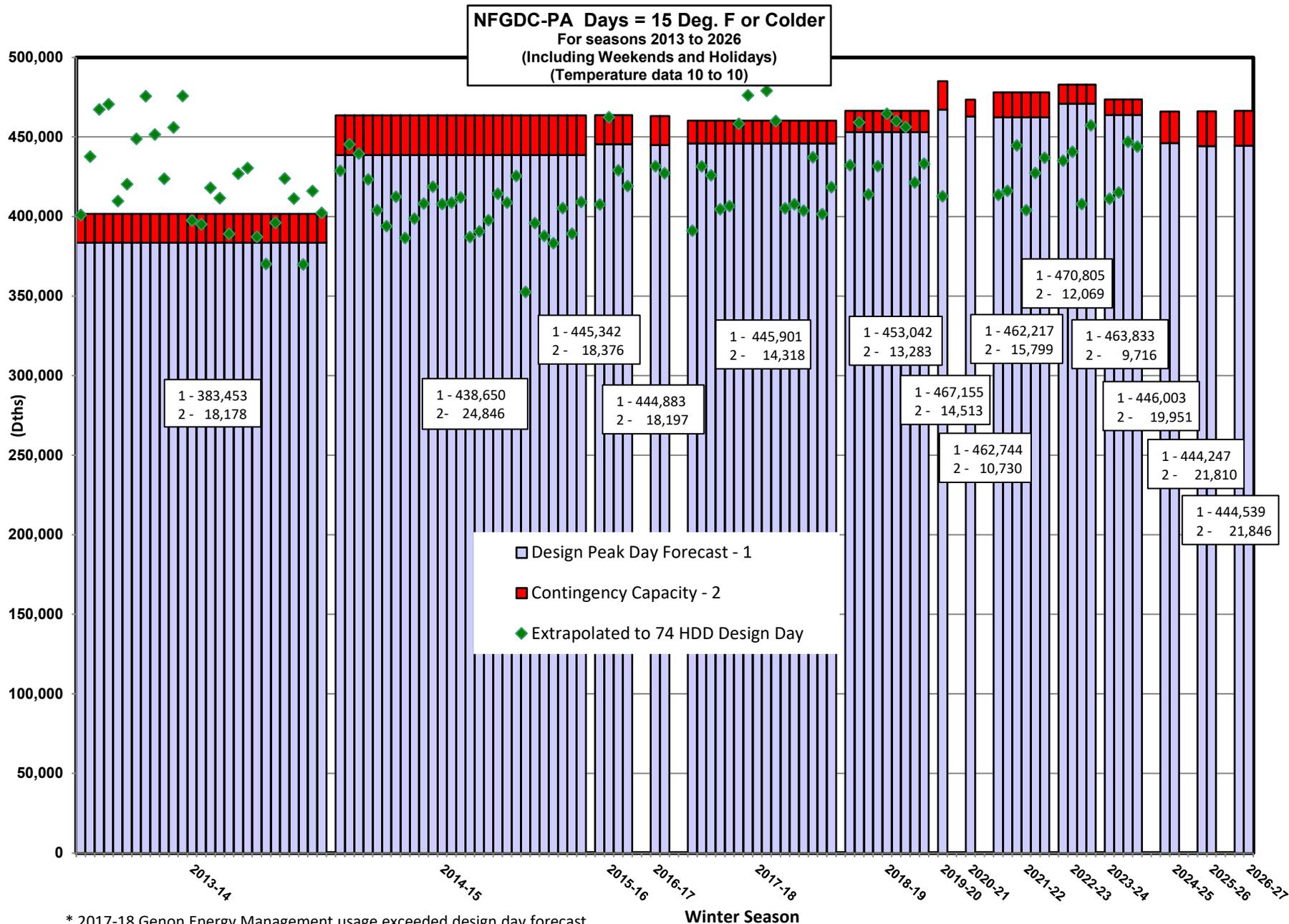
Northeast
93%

Southwest
7%

NFGDC-PA Peak Day Comparisons
 For seasons 2013 to 2024
 Winter 3-day Peaks
 (Temperature data 10 to 10)



* 1/4/2018 - Genon Energy Management usage exceeded design day forecast



* 2017-18 Genon Energy Management usage exceeded design day forecast

Winter Season

National Fuel Gas Distribution Corporation-PA ("Distribution")
 Forecast Design Peak Day Requirements and Contingency Capacity Summary (Dth/day)

Winter Season	Total Intermediate Capacity	Total Forecast Requirements	Year Over Year % Change	Contingency Capacity	Contingency Capacity %
2019-2020	340,690	326,177	-0.4%	14,513	4.4%
2020-2021	340,811	330,081	1.2%	10,730	3.3%
2021-2022	350,705	334,926	1.5%	15,779	4.7%
2022-2023	350,774	338,705	1.1%	12,069	3.6%
2023-2024	350,876	341,160	0.7%	9,716	2.8%
2024-2025	350,792	330,841	-3.0%	19,951	6.0%
2025-2026	350,792	328,982	-0.6%	21,810	6.6%
2026-2027	350,792	328,946	0.0%	21,846	6.6%
2027-2028	350,792	327,998	-0.3%	22,794	6.9%
2028-2029	350,792	329,393	0.1%	21,399	6.5%

Pipeline Penalty and Rate Case Settlement Credits Received		
Invoice Date	Pipeline	Refund Amount
12/11/2024	Columbia Gas Transmission, LLC	\$ (165.83)
12/11/2024	Columbia Gas Transmission, LLC	\$ (600.07)
7/10/2024	Texas Eastern Transmission, LP	\$ (859.40)
12/10/2024	Texas Eastern Transmission, LP	\$ (32.70)

TESTIMONY OF
SHANNON L. PUTNAM
ON BEHALF OF
NATIONAL FUEL GAS DISTRIBUTION CORPORATION

PENNSYLVANIA PUBLIC UTILITY COMMISSION
v.
NATIONAL FUEL GAS DISTRIBUTION CORPORATION
(PURCHASED GAS COSTS -- 66 PA.C.S. SECTION 1307(f)),
DOCKET NO. R-2025-3052742

DIRECT TESTIMONY OF Shannon Putnam
PGC R-2025-3052742

1 Q. Please state your name and business address.

2 A. My name is Shannon Putnam, and my business address is 6363 Main Street,
3 Williamsville, New York 14221.

4 Q. By whom are you employed and in what capacity?

5 A. I am employed by National Fuel Gas Distribution Corporation (“Distribution”
6 or the “Company”) as a Compliance and Project Analyst in the Rates and
7 Regulatory Affairs Department.

8 Q. Please state briefly your educational and professional experience.

9 A. In 2020, I received a bachelor’s degree in economics from Allegheny College.
10 For 3 years prior to working at the Company, I worked for GEICO in their
11 Management Development Program. I have worked for the Company within
12 Rates and Regulatory Affairs department as a Compliance and Project Analyst
13 since 2023.

14 Q. Have you previously testified before the Pennsylvania Public Utility
15 Commission (“Commission”)?

16 A. No. I have not previously testified before the Commission.

17 Q. Have you previously testified before any other regulatory commissions?

18 A. No. I have not previously testified before any other regulatory commissions.

19 Q. What is the subject of your testimony?

20 A. I am testifying regarding PGC Exhibit Nos. 7-A, 10, 11, 14, 15, 16, 22, 25,
21 26-A, 27, and 35.

DIRECT TESTIMONY OF Shannon Putnam
PGC R-2025-3052742

1 Q. Were these exhibits prepared by you or prepared under your supervision and
2 direction?

3 A. Yes, they were.

4 Q. Is the content of these exhibits true and correct to the best of your knowledge,
5 information, and belief?

6 A. Yes, it is.

7 Q. Please explain PGC Exhibit No. 7-A.

8 A. PGC Exhibit No. 7-A is Distribution's work product for the filing requirement
9 at 52 Pa. Code §53.64 (c)(5), which requires that a list and update of any gas
10 supply and demand projections be provided to the Commission for any
11 purpose. Page 2 of PGC Exhibit No. 7-A provides a copy of Distribution's
12 Form-IRP-GAS-1A: Annual Gas Demand Requirements, which has been
13 filed pursuant to 52 Pa. Code §59.81-84.

14 Q. Please explain PGC Exhibit No. 10.

15 A. PGC Exhibit No. 10 explains that Distribution maintains transportation
16 agreements with its Daily Metered Transportation customers and Natural Gas
17 Suppliers that provide Monthly Metered Transportation service to customers.

18 Q. Please explain PGC Exhibit No. 11.

19 A. PGC Exhibit No. 11 provides monthly transportation volumes by service
20 classification (within the Daily Metered Transportation and Monthly Metered
21 Transportation categories), customer counts for the month of November 2024,

DIRECT TESTIMONY OF Shannon Putnam
PGC R-2025-3052742

1 and a summary of current rates for transportation service. Daily Metered
2 Transportation volumes, and customer counts by service class for
3 Commercial, Industrial, and Public Authority, are provided on page 2. Page 3
4 provides Monthly Metered Transportation volumes, and customer counts by
5 service class for Residential and Commercial. Page 4 provides Monthly
6 Metered Transportation volumes, and customer counts by service class for
7 Industrial and Public Authority. Pages 5 and 6 provide a summary of current
8 transportation rates, extracted from Distribution's tariff.

9 Q. When did the portions of rates set forth in PGC Exhibit No. 11 that provide
10 for recovery of purchased gas costs become effective?

11 A. The portion of rates that provide for recovery of purchased gas costs, as
12 provided in PGC Exhibit No. 11, became effective on November 1, 2024, in
13 compliance with the Commission's Order issued on June 13, 2024. This Order
14 was from Distribution's most recent annual gas cost proceeding, under
15 Section 1307(f) of the Public Utility Code, at Docket No. R-2024-3045177.
16 Under the procedure for quarterly updates of purchased gas costs,
17 transportation rates may be adjusted quarterly (i.e., November, February,
18 May, and August). The most recent filing was submitted on October 31, 2024,
19 at Docket No. R-2024-3045177, with an effective date of November 1, 2024.

20 Q. Briefly describe Distribution's system-wide choice plan.

21 A. Under the Natural Gas Choice and Competition Act ("Act"), each natural gas

DIRECT TESTIMONY OF Shannon Putnam
PGC R-2025-3052742

1 utility in the Commonwealth of Pennsylvania was required to submit a
2 restructuring plan to the Commission by November 1, 1999. Distribution's
3 system-wide choice plan under the Act was filed on October 1, 1999, at
4 docket R-00994785. Even before then, Distribution offered choice to almost
5 all customers, under a prior plan that became effective on March 4, 1999.
6 Since then, Distribution's customers (except for one group described below),
7 have been allowed to choose their own natural gas supplier for natural gas
8 service. That gas supply is transported through natural gas delivery service
9 that is provided by the Company. Only customers who elect to participate in
10 the Customer Assistance Program ("CAP") program are not eligible to select a
11 supplier other than Distribution. Effective July 15, 2010, Distribution
12 instituted a Purchase of Receivables ("POR") program for qualified natural
13 gas suppliers on the Company's system.

14 The September 30, 2024, report filed with the Commission regarding the
15 number and percentage of customers using alternative suppliers (i.e., NGDC
16 Customer Switching Statistics) explains that 9.0% of residential customers,
17 28.3% of commercial customers, and 70.4% of industrial customers chose an
18 alternative supplier. The percentage of load from alternative suppliers is
19 10.0% for the residential class, 77.7% for the commercial class, and 99.6% for
20 the industrial class. In total, for the month of September 2024, 79.4% of the
21 load is supplied from alternative suppliers.

DIRECT TESTIMONY OF Shannon Putnam
PGC R-2025-3052742

1 Q. Please explain PGC Exhibit No. 14.

2 A. PGC Exhibit No. 14 is a schedule showing, for the most recent five years (i.e.,
3 November 2019 – October 2020 through November 2023 through October
4 2024), consecutive three-day peak throughput data (retail sales and end-user
5 transportation service), by customer class (residential, commercial, industrial,
6 and public authority) for Distribution’s Pennsylvania Division. It also shows
7 the high, low, and average temperature for each consecutive three days.
8 January 15, 2024 – January 17, 2024, is the most recent consecutive three-day
9 peak. January 16, 2024, is the most recent peak day within that three-day
10 period specified in PGC Exhibit No. 14.

11 Q. Please explain PGC Exhibit No. 15.

12 A. PGC Exhibit No. 15 identifies and supports Distribution’s projected design
13 peak day requirements for the twelve months ending September 30, 2026.
14 Page 3 shows the projected peak day requirement. Data based on 74 heating
15 degree days is provided because this level of degree days was used for peak day
16 planning purposes, as further described in PGC Exhibit No. 24. Pages 4 through
17 12 establish the base case design peak day. For the heat sensitive classes (both
18 retail sales and transportation service) such as residential, commercial, and
19 public authority, Distribution utilizes a method of extracting a base load volume
20 and computing a daily heating volume for 74 heating degree days. The daily
21 base load volume is added to the daily heating volume to determine the base case

DIRECT TESTIMONY OF Shannon Putnam
PGC R-2025-3052742

1 peak day sales. Gas usage of customers in the industrial classes, Small Volume
2 Industrial Service (“SVIS”), Intermediate Volume Industrial Service (“IVIS”),
3 Large Volume Industrial Service (“LVIS”), Large Industrial Service (“LIS”),
4 and Daily Metered Large Manufacturing Transportation Service (“DMLMTS”),
5 is computed based on an operating schedule. For the SVIS and IVIS classes,
6 Distribution utilizes an operating schedule of 21 working days in a month to
7 calculate peak day sales. For the LVIS, LIS and DMLMTS classes, Distribution
8 utilizes customer operating schedules, as shown on Pages 11 and 12, to calculate
9 peak day sales. Pages 13 and 15 show the residential model variables, pages 13
10 and 15 show the commercial model variables, pages 14, and 16 show the
11 industrial model variables, and pages 14 and 16 show the public authority model
12 variables used in the econometric models for each of the respective revenue
13 classes. Page 17 provides the number of extreme degree days based on a
14 National Oceanic and Atmospheric Administration (“NOAA”) calendar day
15 (12am – 12am), including the mean temperature, for the most recent heating
16 seasons over the previous 30 years.

17 Q. Please explain PGC Exhibit No. 16.

18 A. PGC Exhibit No. 16 reflects Distribution’s gas requirements to provide
19 reliable and uninterrupted service to its priority one customers (residential and
20 firm critical commercial and public authority essential human needs
21 customers) during peak periods. These requirements are calculated on both

DIRECT TESTIMONY OF Shannon Putnam
PGC R-2025-3052742

1 historic and projected bases.

2 Q. Please explain PGC Exhibit No. 22.

3 A. PGC Exhibit No. 22 is composed of four pages. Page 2 provides the historic
4 levels of retail sales volumes in Mcf for Distribution's Pennsylvania Division
5 for the twelve months ended November 30, 2024. Page 3 of PGC Exhibit No.
6 22 provides the projected levels of retail sales volumes in Mcf for
7 Distribution's Pennsylvania Division for the eight months ending July 31,
8 2025. Page 4 provides the projected levels of retail sales volumes in Mcf for
9 the Company's Pennsylvania Division for the twelve months ending July 31,
10 2026. The projected retail sales volume of 20,834,971 Mcf, provided on page
11 4 of PGC Exhibit No. 22, is the projected sales volume that is used as Factor
12 "S" in the computation of purchased gas costs in PGC Exhibit 21.

13 Q. Please explain the methodology employed to project the levels of sales
14 volumes contained in PGC Exhibit No. 22.

15 A. Distribution's forecasting methodology continues to be based on an
16 econometric forecast as was presented in its most recent base rate proceeding,
17 docket at R-2022-3035730.

18 The residential, commercial and public authority classes have econometric
19 models run for usage per account and number of accounts. Regressions for
20 usage per account are run for each service class within the revenue classes and
21 have historical periods between five and seven years. Variables for these

DIRECT TESTIMONY OF Shannon Putnam
PGC R-2025-3052742

1 regressions can include monthly degree days, gas price, actual historical
2 monthly usage and date. Account regressions are also run for each service
3 class and can include variables of date and historical monthly accounts.
4 Account regressions are run with historical periods between six and fifteen
5 years.

6 The methodology for the Company's large volume industrial customers also
7 remains unchanged from R-2022-3035730.

8 Q. Please explain PGC Exhibit No. 25.

9 A. PGC Exhibit No. 25 provides Distribution's NYMEX price for November
10 2024 through December 2026. This wellhead price projection is based on the
11 New York Mercantile Exchange ("NYMEX") projection of natural gas prices
12 at Henry Hub.

13 Q. Please explain PGC Exhibit No. 26-A.

14 A. PGC Exhibit No. 26-A, page 2, provides Distribution's estimate of the 2026
15 design peak day requirements based on 74 heating degree days. The term
16 "design peak day" refers to the practice that is standard in the natural gas
17 industry under which pipeline capacity planning, storage capacity planning,
18 and natural gas supply planning are based on customers' requirements on the
19 coldest winter day reasonably expected to be experienced. An explanation of
20 Distribution's design peak day requirements, including the requirements of
21 transportation service customers, is provided in PGC Exhibit No. 15.

DIRECT TESTIMONY OF Shannon Putnam
PGC R-2025-3052742

1 Q. Why was 74 heating degree days used in the calculation of design peak day
2 requirements?

3 A. After a review of the coldest days experienced during several winter heating
4 seasons, as well as a review of what design peak days other local distribution
5 companies (“LDCs”) prepare for, Distribution determined that the most
6 appropriate level of degree days for peak day planning in its service territory
7 was 74 heating degree days. Distribution has had multiple days in the past 30
8 years where the territory has come within a few degrees of 74 heating degree
9 days, based on a typical gas day (10am – 10am). For example, during the
10 winter of 2014-2015 Erie experienced an HDD of 71, Bradford experienced
11 an HDD of 79, Kane experienced a 78 and Coudersport experienced a 75. In
12 Distribution’s 2000 1307(f) proceeding, the Commission concluded that this
13 was a reasonable level of heating degree days to use for system planning
14 purposes.

15 “Upon our careful review of the recommendation of the ALJ and the
16 position of the Parties, we find that the ALJ’s recommendation of approval
17 of NFGD’s proposal to use 74 heating degree days for purposes of both
18 planning the necessary levels of pipeline and storage capacity on interstate
19 pipeline companies and for allocating costs of capacity among classes of
20 customers is reasonable.” (Opinion and Order, R-994898, Adopted:
21 August 17, 2000, pg. 17.)
22

23 Q. Please explain PGC Exhibit No. 27.

24 A. PGC Exhibit No. 27 shows historical levels of Unaccounted for Gas (“UFG”).
25 The Company considers multiples of twelve-month periods ending in August

DIRECT TESTIMONY OF Shannon Putnam
PGC R-2025-3052742

1 to be the proper periods in which to measure UFG. Twelve-month periods
2 ending in August represent periods in which receipts and deliveries are least
3 affected by weather, thus providing the most representative UFG information.
4 Page 2 shows the Company's actual, historical level of UFG for the sixty
5 months ended August 2020, 2021, 2022, 2023 and 2024. Pages 3 and 4
6 provide the monthly UFG levels for September 2017 – August 2024. The Gas
7 Received Total (Column 4) includes Gas Received From Production Facilities
8 (Column 1), Gas Received From Interstate Pipelines (Column 2), and Gas
9 Received From Other Sources (Column 3). The Gas Delivered Total (Column
10 7) includes Gas Delivered To Customers (Column 5) and Gas Delivered To
11 Interstate Pipeline (Column 6). The Adjustments Total (Column 10) includes
12 Located & Repaired Breaks in Mains/Services (Column 8) and Company Use
13 (Column 9). Distribution UFG (Column 11) is calculated as follows: Gas
14 Received Total (Column 4) less Gas Delivered Total (Column 7) less
15 Adjustments Total (Column 10). The twelve-month percent of UFG shown in
16 Column 13 equals the sum of twelve months of Column 11 divided by the
17 sum of twelve months of Column 4.

18 Upon review of PGC Exhibit No. 27 the Company became aware that Column
19 5 (Gas Delivered to Customers) contained incorrect data from October 2023
20 to August 2024. The number given within Column 5 only included
21 transportation deliveries and left out sales deliveries. The correction had an

DIRECT TESTIMONY OF Shannon Putnam
PGC R-2025-3052742

1 immaterial impact on the percent of unaccounted for gas during those months.
2 Please see I&E-I-18 for a corrected and updated version of the chart contained
3 in this exhibit.

4 Q. How has the Company addressed UFG?

5 A. It is important to note that the actual volume of gas that is physically
6 “unaccounted-for” is not substantial. Most UFG is the difference between gas
7 metered going into the system and gas metered at customer premises. Meters
8 measuring gas going into the system and meters measuring gas at customer
9 premises have error tolerances. The Company continually strives to improve
10 the measurement of UFG. For example, temperature compensated meters
11 have been installed during meter change outs. Temperature compensated
12 meters record gas usage more accurately than non-temperature compensated
13 meters. Most UFG remedies provide only for better “accounting” of the
14 differential between receipts and deliveries. This type of activity, although
15 “reducing” UFG, does not change the amount of gas being brought into the
16 system. Leak repair is a UFG element that reduces gas purchases without
17 changing gas deliveries. Leak repair physically reduces UFG. Consequently,
18 field priorities require the repair of all higher volume leaks, regardless of leak
19 safety classification. Finally, UFG due to leakage has been added as a factor
20 with significant weighting in the Company’s pipeline replacement evaluation
21 program (“PREP”).

DIRECT TESTIMONY OF Shannon Putnam
PGC R-2025-3052742

1 Q. What is the current retainage rate charged to transportation customers?

2 A. As indicated in the Company's tariff, to compensate for line losses, the
3 volume of gas delivered into the Company's distribution system for daily and
4 monthly metered transportation service shall be determined to be equal to
5 99.85 percent of the amount indicated by a meter at the point of delivery into
6 the Company's distribution system or a 0.15 percent retainage rate. The
7 retainage rate of 0.15 percent includes 0.13 percent for UFG and 0.02 percent
8 for Company use.

9 Q. Is the Company proposing any changes to the retainage rate in this
10 proceeding?

11 A. No, the Company is proposing to keep the currently effective retainage rate of
12 0.15 percent in place for all customer classes.

13 Q. Please explain PGC Exhibit No. 35.

14 A. PGC Exhibit No. 35 includes the results of an analysis of the Company's
15 design day forecasting model. The analysis was completed in accordance with
16 the Joint Petition for Settlement of the Section 1307(f) Rate Investigation in
17 Docket R-2024-3045177.

18 Page 1 of the exhibit contains background on the analysis, and a summary of
19 the results.

20 Workpaper one of the exhibit contains the data used in the analysis including
21 the daily usage data available to the Company, and the number of degree days

DIRECT TESTIMONY OF Shannon Putnam
PGC R-2025-3052742

- 1 experienced on each day and whether it was a weekday or weekend.
- 2 Workpaper two includes the results of the analysis including a comparison of
- 3 methodologies. And regression analysis results on pages 3 through 5 for each
- 4 of the heat sensitive revenue classes.
- 5 Q. Does this conclude your direct testimony?
- 6 A. Yes, it does at this time.

Verification

I, *Shannon L. Putnam*, Compliance & Project Analyst, of the Rates & Regulatory Affairs Department of National Fuel Gas Distribution Corporation state that the facts set forth in the foregoing Purchased Gas Cost Filing under Section 1307(f) of the Public Utility Code and 52 Pa. Code §§ 53.64 and 53.65 Docketed at R-2025-3052742 including

Distribution PGC Statement No. 5 - Direct Testimony of Shannon L. Putnam
Exhibit Nos. 7-A, 10, 11, 14, 15, 16, 22, 25, 26-A, 27 and 35

are true and correct to the best of my knowledge, information and belief, and that I expect to be able to prove the same at a hearing held in this matter. This statement is made subject to the penalties of 18 Pa. C.S. § 4904 relating to unsworn falsifications to authorities.

Shannon L. Putnam

Shannon L. Putnam

This 31st day of January, 2025

TESTIMONY OF
TRACY L. WESOLOSKI
ON BEHALF OF
NATIONAL FUEL GAS DISTRIBUTION CORPORATION

PENNSYLVANIA PUBLIC UTILITY COMMISSION
v.
NATIONAL FUEL GAS DISTRIBUTION CORPORATION
(PURCHASED GAS COSTS -- 66 PA.C.S. SECTION 1307(f)),
DOCKET NO. R-2025-3052742

DIRECT TESTIMONY OF TRACY L. WESOLOSKI
R-2025-3052742

1 Q. Please state your name and business address.

2 A. My name is Tracy L. Wesoloski and my business address is 6363 Main Street,
3 Williamsville, New York 14221.

4 Q. By whom are you employed and in what capacity?

5 A. I am employed by National Fuel Gas Distribution Corporation ("Distribution" or
6 the "Company") as a Manager in the Rates and Regulatory Affairs Department.

7 Q. What is your educational background and experience?

8 A. I received a Bachelor of Science Degree in Finance and Economics from Canisius
9 University in May 2003. I received a Master's of Business Administration from
10 the University at Buffalo in December 2009. Prior to joining the Rates and
11 Regulatory Affairs department in March 2022, I worked in the Finance
12 department at the Company for 17 years.

13 Q. What is the purpose of your testimony?

14 A. I am testifying in support of PGC Exhibit Nos. 1, 2, 2 Revised, 3, 3 Revised, 13,
15 13A, 17, 21, 21 Revised, 21-A, 21-B, 21-B Revised, 21-C, 23, 23 Revised, 24,
16 24A, 28, 29, 33 and 34. I oversee the preparation of filings relating to recovery of
17 gas costs and I will provide a general description of the Company's rates for
18 recovery of purchased gas costs charged to transportation customers.

19 Q. Please explain why you revised exhibit numbers 2, 3, 21, 21B, and 23.

20 A. While going through the previous year's settlement terms for the CNG Pilot
21 Program, Marc Cuthberston and I realized that the basis was excluded from the
22 CNG gas purchases on the SendOut. The basis price is typically the difference
23 between a physical trading location and prompt future price of gas at Henry Hub.

DIRECT TESTIMONY OF TRACY L. WESOLOSKI
R-2025-3052742

1 A new Sendout was run, and all changes were accounted for in the revised
2 exhibits. Overall, the impact of the change reduced overall rates from \$5.8506/
3 Mcf to \$5.8146/ Mcf.

4 Q. Please describe PGC Exhibit 1.

5 A. PGC Exhibit 1 details the historic volumes and costs of gas purchased
6 from upstream suppliers, local production, and Peoples Gas Company for
7 the twelve months ended November 30, 2024 per Distribution's books and
8 records.

9 "Upstream Purchases" on PGC Exhibit No. 1, Schedule 1, Sheet 1
10 reflects Distribution's cost of purchasing gas from various upstream
11 producers, whose gas is transported by long-line interstate pipeline
12 companies to National Fuel Gas Supply Corporation ("Supply"), which in
13 turn delivers the gas supplies to Distribution. A monthly breakdown of
14 Distribution's commodity and demand costs from upstream suppliers is
15 provided in PGC Exhibit No. 1, Schedule 1, Sheet 2. Further detail of
16 Distribution's costs from upstream suppliers is provided in PGC Exhibit
17 No. 1, Schedule 2, Sheet 1.

18 "Storage" on PGC Exhibit No. 1, Schedule 1, Sheet 1 reflects
19 Distribution's charges from storage providers for space required within
20 their facilities and the cost of gas purchased for storage. A monthly
21 breakdown of Distribution's rental and storage gas cost is provided in PGC
22 Exhibit No. 1, Schedule 2, Sheet 2.

DIRECT TESTIMONY OF TRACY L. WESOLOSKI
R-2025-3052742

1 "Transportation" on PGC Exhibit No. 1, Schedule 1, Sheet 1
2 reflects charges for transportation of gas purchased from suppliers. A
3 monthly breakdown of Distribution's costs for transportation of upstream
4 gas is provided in PGC Exhibit No. 1, Schedule 4.

5 The Demand cost of gas is split between Demand–Natural Gas
6 Supply (“Demand-NGS”) and Demand-Distribution Charge (“Demand-
7 DC”). Demand-DC includes the cost of pipeline capacity and storage
8 needed to provide peak delivery/temperature swing requirements for
9 Distribution’s sales and SATC customers. These are costs that Distribution
10 would incur even if all customers converted to transportation service. A
11 certain amount of capacity would have to be maintained to serve these
12 peaking requirements. PGC Exhibit No. 1, Schedule 5 provides a detailed
13 calculation of the Demand-DC costs. Demand-NGS includes the
14 remaining demand costs incurred to provide sales service. The Demand-
15 NGS costs represent total demand costs less Demand-DC costs.

16 Distribution shares Capacity Release Revenues on a 75%/25%
17 basis. The transportation amount includes the adjustment necessary to
18 flow through 75% of these revenues to ratepayers.

19 "Transportation Credit" on PGC Exhibit No. 1, Schedule 1, Sheet 1
20 reflects the costs recovered from transportation customers. A monthly
21 breakdown of Distribution's transportation credits is provided in PGC
22 Exhibit No. 1, Schedule 1, Sheet 4.

DIRECT TESTIMONY OF TRACY L. WESOLOSKI
R-2025-3052742

1 "Local Production" on PGC Exhibit No. 1, Schedule 1, Sheet 1
2 reflects Distribution's cost of gas purchased from local producers. A
3 monthly breakdown of Distribution's cost of gas purchased from local
4 producers is provided in PGC Exhibit No. 1, Schedule 1, Sheet 3.

5 Peoples Gas Company on PGC Exhibit No. 1, Schedule 1, Sheet 1
6 reflects Distribution's cost of purchasing a small volume of gas from
7 Peoples Gas Company, under its Rate Schedule SWS - Small Wholesale
8 Service. A monthly breakdown of Distribution's cost from Peoples Gas
9 Company LLC is provided in PGC Exhibit No. 1, Schedule 3. Peoples
10 Gas Company is the only physical source of supply for a small portion of
11 Distribution's system. In order to obtain other supplies Distribution would
12 have to make a substantial investment for the construction of new facilities
13 to physically connect a few existing customers to Distribution's other
14 sources of supply. The customers referenced are located in Butler County,
15 at the extremity of Distribution's system. The category entitled "Exchange
16 Gas" on PGC Exhibit No. 1, Schedule 1, Sheet 1 reflects the recognition
17 of gas costs related to any monthly imbalances associated with two
18 Exchange Agreements as discussed in PGC Exhibit No. 8 and further
19 explained in PGC Exhibit No. 4. The monthly breakdown of
20 Distribution's costs associated with Exchange Gas is provided in PGC
21 Exhibit No. 1, Schedule 1, Sheet 6.

22 "Off-System Sales" on PGC Exhibit No. 1, Schedule 1, Sheet 1
23 reflects costs of gas purchased for sale to customers that are not part of

DIRECT TESTIMONY OF TRACY L. WESOLOSKI
R-2025-3052742

1 Distribution's retail system. Such purchases are removed from gas costs to
2 properly reflect gas purchased to serve Distribution's retail customers.

3 The monthly breakdown of Distribution's gas costs associated with Off-
4 System Sales is provided in PGC Exhibit No. 1, Schedule 1, Sheet 7.

5 There currently are no off-system sales.

6 As stated in PGC Exhibit No. 8 and approved under previous
7 settlements of Distribution's 1307(f) proceedings, Distribution retains
8 25% of the net revenues from off-system sales. The remaining 75% of the
9 net revenues are flowed through to ratepayers. The category entitled "Off-
10 System Sales Refund" on PGC Exhibit No. 1, Schedule 1, Sheet 1 reflects
11 this 75% flow through of the net revenues. The monthly breakdown of
12 Off-System Sales Refunds is provided in PGC Exhibit No. 1, Schedule 1,
13 Sheet 8.

14 "Credit – Line Hits" on PGC Exhibit No. 1, Schedule 1, Sheet 1
15 reflects payments received by Distribution as compensation for gas lost as
16 a result of damage to Distribution's facilities. Generally, such payments
17 are received from construction contractors that cause damage to
18 Distribution's facilities, typically during excavation projects. A monthly
19 breakdown of these amounts is provided in PGC Exhibit No. 1, Schedule
20 1, Sheet 5.

21 Q. Please explain PGC Exhibit No. 2 Revision and PGC Exhibit No. 3
22 Revision.

DIRECT TESTIMONY OF TRACY L. WESOLOSKI
R-2025-3052742

1 A. PGC Exhibit No. 2 Revision and PGC Exhibit No. 3 Revision contain data
2 pertaining to projected volumes and costs of gas to be purchased by
3 Distribution. PGC Exhibit No. 2 Revision contains projected data, by
4 month, for gas to be purchased from suppliers during the period December
5 1, 2024 through July 31, 2025. PGC Exhibit No. 3 Revision contains
6 projected data, by month, for gas to be purchased from suppliers during
7 the twelve-month period ending July 31, 2026.

8 Q. Please summarize how the projected data, contained in PGC Exhibit No. 2
9 Revision and PGC Exhibit No. 3 Revision, was prepared.

10 A. Based upon forecasted sales of gas explained by Ms. Putnam, Distribution
11 determined the total volume of gas that Distribution would be required to
12 purchase in order to make the projected level of sales to its customers.
13 Volumes of gas that Distribution would be able to obtain from local
14 producers and the small volume of gas to be purchased from Peoples Gas
15 Company were projected. The remainder of gas supplies was projected to
16 be purchased from upstream suppliers.

17 PGC Exhibit No. 2 Revision, Schedule 1 and PGC Exhibit No. 3
18 Revision, Schedule 1 summarize the projections of costs by category. PGC
19 Exhibit No. 2 Revision, Schedule 1 summarizes projections for the eight-
20 month period ending July 31, 2025. PGC Exhibit No. 3 Revision,
21 Schedule 1 summarizes projections for the twelve-month period ending
22 July 31, 2026.

DIRECT TESTIMONY OF TRACY L. WESOLOSKI
R-2025-3052742

1 "Transportation Credit" on PGC Exhibit No. 2 Revision, Schedule
2 1 reflects revenues for recovery of purchased gas costs of transportation
3 and storage expected from transportation customers. The "Transportation
4 Credit" reflected on Exhibit No. 3 Revision, Schedule 1 is discussed
5 further in this testimony. PGC Exhibit No. 2 Revision, Schedule 1
6 summarizes such data for the eight-month period ending July 31, 2025.
7 PGC Exhibit No. 3 Revision, Schedule 1 summarizes data for the twelve-
8 month period ending July 31, 2026.

9 PGC Exhibit No. 2 Revision, Schedule 2 and PGC Exhibit No. 3
10 Revision, Schedule 2 provide detailed calculations of projected costs for
11 upstream purchases and storage. PGC Exhibit No. 2 Revision, Schedule 2
12 provides data for the eight-month period ending July 31, 2025. PGC
13 Exhibit No. 3 Revision, Schedule 2 provides data for the twelve-month
14 period ending July 31, 2026. The projections of upstream supplier costs
15 were explained previously in this testimony and the wellhead price
16 projection is explained in Ms. Putnam's testimony.

17 PGC Exhibit No. 2 Revision, Schedule 3 and PGC Exhibit No. 3
18 Revision, Schedule 3 provide detail of projected volumes and costs of gas
19 to be purchased from Peoples Gas Company. PGC Exhibit No. 2 Revision,
20 Schedule 3 provides such data for the eight-month period ending July 31,
21 2025 and PGC Exhibit No. 3 Revision, Schedule 3 provides such data for
22 the twelve-month period ending July 31, 2026. These projections are

DIRECT TESTIMONY OF TRACY L. WESOLOSKI
R-2025-3052742

1 based on historical amounts for the twelve months ended November 30,
2 2024.

3 PGC Exhibit No. 2 Revision, Schedule 4 and PGC Exhibit No. 3
4 Revision, Schedule 4 provide the amount of credits related to capacity
5 release by month. PGC Exhibit No. 2 Revision, Schedule 4 provides data
6 for the eight-month link period ending July 31, 2025 of capacity releases
7 of \$2,450,835. PGC Exhibit No. 3 Revision, Schedule 4 provides a
8 projection of \$4,717,307 for the twelve-month period ending July 31,
9 2026. These values include releases by Distribution as part of its Enhanced
10 Firm Transportation (“EFT”) transportation and Enhanced Storage Service
11 (“ESS”) storage entitlements on Supply to the Small Aggregation
12 Transportation Supplier (“SATS”) Service marketers, as well as releases
13 to others. The total value of such capacity released to the SATS marketers
14 is projected to be \$1,654,195 for the link period and \$3,717,957 for the
15 rate period.

16 PGC Exhibit No. 2 Revision, Schedule 5 and PGC Exhibit No. 3
17 Revision, Schedule 5 provide the temperature swing/peaking capacity
18 cost, which is the Demand-DC cost of gas. PGC Exhibit No. 2 Revision,
19 Schedule 5 provides data for the eight-month period ending July 31, 2025
20 and PGC Exhibit No. 3 Revision, Schedule 5 provides data for the twelve
21 month period ending July 31, 2026.

22 Q. Please explain the rate structure changes included in PGC Exhibit No. 13.

1 A. Distribution has implemented a system-wide customer choice program in
2 compliance with the Natural Gas Choice and Competition Act (“Act”) (66 Pa. CS.
3 §§ 2201-12). This program provides an opportunity to all of Distribution’s small
4 volume customers (except those served under the Low-Income Residential
5 Assistance Rate Schedule) for aggregated transportation services. Under
6 Distribution’s system-wide choice program, qualified natural gas suppliers
7 (“NGSs”) are able to serve the aggregated gas supply requirements of their
8 customers. Customers receive transportation service under Distribution’s Small
9 Aggregation Transportation Customer Service Rate Schedule (“Rate Schedule
10 SATC”). NGSs are required to qualify for service under SATS.

11 Under the SATS tariff, Distribution is the Supplier of Last Resort
12 (“SOLR”). Distribution retains upstream capacity necessary for operational
13 purposes. Distribution releases to NGSs sufficient pipeline capacity to meet the
14 requirements of customers that have chosen to be served by the NGSs.

15 The total capacity requirements of the NGSs are calculated based on 62
16 heating degree days during the rate year. The 62-degree day factor was
17 determined by deducting the 12 degree days associated with capacity retained for
18 temperature swing/peaking from the extreme design peak day degree day level of
19 74 degree days. The costs of retained capacity are recovered from NGSs through
20 SATC rates.

21 Q. Are the gas costs incurred to provide this service reflected in this filing?

22 A. Yes, the proposed SATS and SATC rates provide for recovery of gas costs
23 incurred to support the system-wide customer choice service. Distribution has

DIRECT TESTIMONY OF TRACY L. WESOLOSKI
R-2025-3052742

1 retained a portion of storage capacity and associated transmission capacity based
2 on 12 degree days for its small volume aggregation customers. The capacity is
3 needed for all small volume customers regardless of whether the customers
4 receive service under a Distribution tariff sales rate schedule or receive gas supply
5 service from another supplier. The capacity retained and included in the SATC
6 rate includes a portion of the EFT capacity from National Fuel Gas Supply
7 Corporation (“Supply”). Because the retained capacity is required by both sales
8 and SATC customers, the costs of capacity are recovered through both sales and
9 SATC customer delivery rates.

10 Q. Has Distribution proposed to modify the mix of capacity allocated to SATS
11 service based on capacity changes anticipated in the rate year?

12 A. Yes. The allocation projections effective for the rate year are as follows:

13 Percent of Peak Day

14	15 <u>Met by Upstream Capacity</u>	16	17 <u>Capacity</u>
18	19 1.	20 52%	21 Supply storage and
22			23 associated transmission
24			25 released to NGSS
26	27 2.	28 48%	29 Mandatory release of
30			31 upstream capacity
	3. 0%		Capacity retained by
			Distribution and included in SATC
			rates

Q. Do the rates proposed by Distribution in this proceeding reflect the system-wide customer choice program?

A. Yes. The rates filed by Distribution in this proceeding are consistent with Distribution’s system- wide customer choice program under the Act.

DIRECT TESTIMONY OF TRACY L. WESOLOSKI
R-2025-3052742

1 Q. What amount is included in SATC rates for the recovery of such retained
2 capacity?

3 A. PGC Exhibit No. 13A provides the calculation of the distribution Demand–DC
4 rates for SATC service on or after August 1, 2025. PGC Exhibit No. 13A
5 provides the calculation of the Demand-DC rate included in SATC rates of
6 \$0.4304 per Mcf. The pipeline demand rates summarized on PGC Exhibit No.
7 13A are the costs of upstream pipeline capacity retained by Distribution in order
8 to preserve reliability and for the management of temperature swing/peaking
9 requirements based upon 12-degree days. The EFT Capacity and ESS Delivery
10 and Capacity includes an allocated amount of contingency capacity.
11 The total Demand-DC charge included in SATC rates reflects an amount
12 associated with under collected gas costs from previous periods. PGC Exhibit 21
13 Revised, Schedule 1, Sheet 3 provides total demand cost of gas recovered through
14 SATC rates of \$0.4304 per Mcf.

15 Q. Please provide a general description of the Company’s rates charged to customers
16 to recover purchased gas costs.

17 A. The Company recovers its purchased gas costs through the purchase gas cost rates
18 it charges sales and transportation customers. Total purchase gas costs projected
19 to be incurred for the twelve months ending July 2026 are forecasted. Projected
20 sales and transportation volumes for the twelve months ending July 2026 are used
21 to determine forecasted gas costs. For purposes of the forecast of sales and
22 transportation total requirements, a system wide lost and unaccounted for
23 (“LAUF”) gas factor is used. The calculations for LAUF are shown in Exhibit 27.

DIRECT TESTIMONY OF TRACY L. WESOLOSKI
R-2025-3052742

1 The portion of purchased gas costs incurred to support transportation services is
2 assigned to transportation service rates with the remaining purchase gas costs
3 recovered through rates to sales customers.

4 Historic purchase gas costs for the twelve months ending July 2025 are
5 reconciled with purchase gas cost revenues from sales and transportation
6 customers for the twelve months ending July 2025. Any over or under collection
7 of purchased gas costs is either credited or surcharged to sales customers through
8 the gas adjustment charge (“GAC”) rate included in purchased gas cost rates.

9 Q. Please explain PGC Exhibit No. 17.

10 A. PGC Exhibit No. 17 compares Distribution’s average transportation and storage
11 costs from its affiliates to non-affiliates located upstream for the twelve months
12 ended (“TME”) November 30, 2024.

13 Q. How does the Pennsylvania Division’s affiliated average cost of transportation
14 services compare with others?

15 A. As shown in PGC Exhibit No. 17, Page 2, Distribution’s average transportation
16 costs from Supply are higher costs than Columbia Gas Transmission LLC
17 (“Columbia”), Tennessee Gas Pipeline Company (“TGP” or “Tennessee”) and
18 Texas Eastern Transmission, LP (“TETCO” or “Texas Eastern”). Transportation
19 services by the interstate pipelines upstream of Supply are not interchangeable
20 with transportation service provided by Supply. Specifically, Supply provides the
21 benefit of a multiple point system that distributes the gas from the applicable
22 upstream pipeline receipt points to Distribution's many local distribution systems
23 that in turn deliver gas to end-user customers.

DIRECT TESTIMONY OF TRACY L. WESOLOSKI
R-2025-3052742

1 Q. What is the benefit of using Supply's storage service?

2 A. Supply provides the no-notice storage service that is critical for meeting
3 Distribution's temperature sensitive demand. It also allows for overrun service
4 from time to time and offers a more flexible injection/withdrawal operation than
5 the storage services provided by other upstream pipelines.

6 Q. Does the cost comparison in PGC Exhibit No. 17, Page 3 represent all the costs
7 associated with storage services?

8 A. No. The comparison does not represent all the costs incurred when Distribution
9 contracts for storage capacity with upstream pipelines. In reality, most storage
10 agreements require Distribution to sign up specific transportation service to move
11 gas into and from the storage field. This additional storage transportation cost is
12 incremental and should be factored in the storage cost comparison. In contrast,
13 Supply's storage service is more economical because Distribution contracts with
14 Supply only for sufficient transportation service to meet customers' peak day and
15 seasonal requirements. No additional transportation capacity is required to use
16 Supply's storage.

17 Q. Please explain PGC Exhibit No. 21 Revision.

18 A. PGC Exhibit No. 21 Revision is a computation of the projected cost of
19 purchased gas that would be included in rates effective August 1, 2025.
20 This amount includes projected gas costs through the end of the
21 application period, July 31, 2026 and projected over/under collections
22 through July 31, 2025.

DIRECT TESTIMONY OF TRACY L. WESOLOSKI
R-2025-3052742

1 As indicated on PGC Exhibit No. 21 Revision, Schedule 1, Sheet
2 4, the total projected cost of purchased gas per Mcf is \$5.8146. Of this
3 amount, \$3.1278 per Mcf is the commodity cost (including the "E" factor),
4 and \$2.6868 per Mcf is the demand cost (including the "E" factor).

5 The cost of gas has been separated into four categories on PGC
6 Exhibit No. 21 Revision, Schedule 1, Sheet 4: the Natural Gas Supply
7 Charge, the GAC, the Distribution Charge, and the Total Gas Costs.

8 For gas supplied to all classes of retail customers (except those
9 receiving service under load balancing service and natural gas vehicle
10 service rate schedules), the Natural Gas Supply Charge is \$5.1372/Mcf.
11 This represents an increase of \$0.6640/Mcf from the Natural Gas Supply
12 Charge of \$4.4732/Mcf included in rates from November 1, 2024 through
13 January 31, 2025.

14 For gas supplied to all classes of retail customers (except those
15 receiving service under load balancing service and natural gas vehicle
16 service rate schedules), the GAC is \$0.2387/Mcf. This represents an
17 increase of \$0.8800/Mcf compared to the GAC of \$(0.6413)/Mcf included
18 in rates from November 1, 2024 through January 31, 2025.

19 For gas supplied to all classes of retail customers (except those
20 receiving service under load balancing service and natural gas vehicle
21 service rate schedules), the Distribution Charge is \$0.4387/Mcf. This
22 represents an increase of \$0.0711/Mcf compared to the Distribution

DIRECT TESTIMONY OF TRACY L. WESOLOSKI
R-2025-3052742

1 Charge of \$0.3676/Mcf included in rates from November 1, 2024 through
2 January 31, 2025.

3 In total, for gas supplied to all classes of customers (except those
4 receiving service under load balancing or natural gas vehicle service rate
5 schedules), the projected cost of gas is \$5.8146 per Mcf. This represents
6 an increase of \$1.6151 per Mcf from the amount of \$4.1995 per Mcf
7 included in rates from November 1, 2024 through January 31, 2025 for the
8 recovery of purchased gas costs.

9 The increase in rates for the recovery of purchased gas costs results
10 from a number of factors, including an increase in the “E” or experienced
11 factor. As detailed on Exhibit TLW-1, the current "E" factor reflected in
12 rates as of November 1, 2024 is an overcollection of \$13,429,983
13 (\$0.6177/Mcf).¹ The projected sales for pass back of the “E” factor for the
14 period (TME July 2025) are 21,817,752 Mcf for Commodity and Demand-
15 NGS and 23,830,142 Mcf for Demand-DC. As shown on PGC Exhibit
16 No. 21 Revision, Schedule 1, Sheets 1-3, Distribution projects, through
17 July 31, 2026, an “E” factor under collection of \$5,161,833 or
18 (\$0.2470)/Mcf.² The projected sales for pass back of the “E” factor this
19 period (TME July 2025) are 20,834,971 Mcf for Commodity and Demand-

¹ Commodity: \$16,913,348; \$0.7752 (Exhibit TLW-1, Page 1, Line 11) + Demand-NGS: (\$2,920,607); (\$0.1339) (Exhibit TLW-1, Page 2, Line 11) + Demand-DC: (\$562,758); (\$0.0236) (Exhibit TLW-1, Page 3, Line 11)

² Commodity: \$2,664,981 ÷ 20,834,971 Mcf = \$0.1279 per Mcf (Exhibit 21 Revision, Sch1, Pg1) + Demand-NGS: (\$7,637,465) ÷ 20,834,971 Mcf = (\$0.3666)/Mcf (Exhibit 21 Revision, Sch1, Sheet 2) + Demand-DC: (\$188,549) ÷ 22,628,168 Mcf = (\$0.0083)/Mcf (Exhibit 21 Revision, Sch1, Sheet 3)

DIRECT TESTIMONY OF TRACY L. WESOLOSKI
R-2025-3052742

1 NGS and 22,628,168 for Demand-DC. The projected overcollection
2 produces and decrease in rates of (\$0.8647)/Mcf.³

3 The “C” factor rate increased. The current “C” factor reflected in
4 rates as of November 1, 2024 is \$105,992,736.⁴ The projected sales for
5 the period (TME July 2025) are 21,817,752 Mcf for Commodity and
6 Demand-NGS and 23,830,142 Mcf for Demand-DC. As shown on PGC
7 Exhibit No. 21 Revision, Schedule 1, Sheets 1-3, Distribution projects,
8 through July 31, 2026, “C” factor costs of \$116,930,467⁵. The projected
9 sales for this period (TME July 2026) are 20,834,971 Mcf for Commodity
10 and Demand-NGS and 22,628,168 Mcf for Demand-DC. The change in
11 the “C” factor results in an increase in rates of \$0.7504/Mcf.⁶ As shown
12 on PGC Exhibit No. 21 Revision, Schedule 1, Sheet 1 this increase
13 includes (\$0.0038)/Mcf for the pass back of storage interest expense. The
14 sum of the change in the “E” factor and the “C” factor represents a total
15 increase of (\$1.6151)/Mcf [(((\$0.8647) + \$0.7504) = (\$1.6151)].

3 Where rates (\$0.6177)/Mcf (“E” factor included in current rates) and (\$0.2470)/Mcf (“E” factor included in projected. then (\$0.6177) + (\$0.2470) = (\$0.8647)/Mcf

4 \$106,204,533 = Commodity: \$59,890,492 (Exhibit TLW-1, Page 1, Line 3) + Demand-NGS: \$37,911,131 (Exhibit TLW-1, Page 2, Line 3) + Demand-DC: \$8,198,504 (Exhibit TLW-1, Page 3, Line 3) + Storage Int Commodity: (\$7,391) (Exhibit TLW-1, Page 4)

5 \$116,930,467 = 67,910,981 (PGC Exhibit 21 Revision, Schedule 1, Sheet 1, Commodity) + \$39,201,041 (PGC Exhibit 21 Revision, Schedule 1, Sheet 2, Demand-NGS) + \$9,739,044 (PGC Exhibit 21 Revision, Schedule 1, Sheet 3, Demand-DC) + (\$79,401) (PGC Exhibit 21B Revision, Sheet 2, Commodity - Storage).

6 \$5.5676 (PGC 2025) less \$4.8172 (PGC 2024 November 1) = \$.7504/Mcf. Where \$5.5714/Mcf (“C” factor in projected rates) = (\$67,910,981 ÷ 20,834,971) + (\$39,201,041 ÷ 20,834,971 Mcf) + (\$9,739,044 ÷ 22,628,168) Mcf) or \$5.5714/Mcf + (\$0.0038)/Mcf; and \$4.8172/Mcf (“C” factor in current rates) = (Commodity: \$2.7450/Mcf Exhibit TLW-1, Page 1, Line 7) + (Demand-NGS: \$1.7376/Mcf Exhibit TLW-1, Page 2, Line 7) + (Demand-DC: \$0.3440/Mcf Exhibit TLW-1, Page 3, Line 7) + (Storage Commodity: (\$0.0094)/Mcf Exhibit TLW-1, Page 4)

DIRECT TESTIMONY OF TRACY L. WESOLOSKI
R-2025-3052742

1 PGC Exhibit No. 21 Revision, Schedules 2 through 11 explain the
2 derivation of Distribution's experienced over/under collection factor ("E"
3 factor) used in PGC Exhibit No. 21 Revision, Schedule 1.

4 PGC Exhibit No. 21 Revision, Schedules 4 and 10 detail refunds,
5 by component, received by Distribution, and these schedules also calculate
6 interest on each refund. There were no refunds received during the twelve
7 months ended November 30, 2024.

8 The information provided above was derived on the assumption
9 that rates effective November 1, 2024, will remain in effect through July
10 31, 2025. In all likelihood, the quarterly filings for February 1 and May 1,
11 2025, will adjust rates. The amount of net adjustment, however, is not
12 presently known.

13 Q. Please describe the methodology used to determine the interest rate that is
14 applied to the over/under collection of purchased gas costs and storage
15 injections/withdrawals.

16 A. The interest rate to be applied to the over/under collection of
17 purchased gas costs and storage injections/withdrawals is based
18 on Act 47 of Public Utility Code (66 PA. C.S.). Under this
19 methodology, refunds to customers shall be made with and
20 recoveries from customers shall include interest at the prime rate
21 for commercial borrowing in effect 60 days prior to the tariff
22 filing and as reported in a publicly available source identified by

DIRECT TESTIMONY OF TRACY L. WESOLOSKI
R-2025-3052742

1 the Commission or at an interest rate which may be established
2 by the Commission by regulation.

3 Q. Please describe PGC Exhibit No. 21A.

4 A. PGC Exhibit No. 21A is the Statement of Over/Under collections for the
5 twelve months ended November 30, 2024. The exhibit provides separate
6 detail for the Commodity, Demand-NGS and Demand-DC components of
7 purchased gas costs, and the exhibit is self-explanatory.

8 Q. Please explain the purpose of PGC Exhibit No. 21B Revision.

9 A. PGC Exhibit No. 21B is a calculation of interest on storage injections and
10 withdrawals. Sheet 1 shows the twelve months ending July 31, 2025, and
11 Sheet 2 shows the twelve months ending July 31, 2026.

12 For base rate purposes, Distribution has valued gas in storage at its
13 average inventory cost. That is, withdrawals from and injections into
14 storage are priced at the average cost of all gas in storage at the beginning
15 of the gas storage cycle. However, for purchased gas cost purposes,
16 Distribution uses the last-in, first-out ("LIFO") method. The LIFO method
17 prices withdrawals and injections at the average cost of all gas purchases
18 for the current year. The LIFO method is appropriate for gas cost purposes
19 because it recognizes that current purchases of gas are used to serve
20 current requirements and that storage withdrawals used to serve peak
21 requirements are only short term and are refilled every year.

22 Over a normal twelve-month period, withdrawals and injections
23 will be equivalent, and thus the beginning and ending storage balances

DIRECT TESTIMONY OF TRACY L. WESOLOSKI
R-2025-3052742

1 under the two methods will be the same. However, Distribution recognizes
2 that there is a time value of money component to pricing storage gas at the
3 average inventory cost, for working capital purposes in base rates. For
4 example, in a winter month, Distribution will be using storage having an
5 inventory value of \$1.3200 per Mcf to serve peak requirements, and will
6 charge customers a higher, fiscal year rate of \$5.3449 per Mcf for such
7 gas. Conversely, in a summer month, Distribution will refill storage using
8 purchases priced at \$5.3449 per Mcf, but the inventory value of these
9 injections will be the lower \$1.3200 per Mcf average inventory rate.

10 In order to recognize time value of money differences in this
11 1307(f) proceeding, interest is calculated on storage injections and
12 withdrawals based upon the rate differential between the storage rate and
13 the inventory rate on a fiscal year basis.

14 Q. Please summarize the calculation of interest shown on PGC Exhibit No.
15 21B Revision.

16 A. PGC Exhibit No. 21B Revision, Sheets 1 and 2 show the interest
17 calculation for the twelve months ending July 31, 2025, and July 31, 2026,
18 respectively. This calculation projects the estimated interest to be incurred
19 during the indicated PGC period. The calculation, as detailed below,
20 allows for immediate pass back or recovery based on a uniform amount
21 per Mcf during the current twelve-month PGC period in which expense or
22 income arises. This methodology, as approved per the order at Docket
23 No. R-2010-2150861, matches the occurrence of income or expense with

DIRECT TESTIMONY OF TRACY L. WESOLOSKI
R-2025-3052742

1 the reflection of such income or expense in rates. In addition, this
2 methodology allows for quarterly updates to the estimated interest, based
3 on actual information, through the C-Factor gas cost recovery mechanism.

4 The net interest expense in the amount of \$243,071 on PGC
5 Exhibit No. 21B Revision, Sheet 1 flows to PGC Exhibit No. 21 Revision,
6 Schedule 11, Sheet 4. This amount is compared to the total estimated
7 interest expense to be refunded during the twelve months ending July 31,
8 2025, through the C-Factor. The difference represents the estimated
9 amount that will be included in the E-Factor for the twelve months ending
10 July 31, 2025.

11 PGC Exhibit No. 21B Revision, Sheet 2 shows the interest
12 calculation for the twelve months ending July 31, 2026. The calculation
13 shows an estimated net interest expense in the amount of \$79,401. This
14 amount is projected to be passed back during the rate application period in
15 which it occurs, which is the twelve months ending July 31, 2025. As
16 shown on Sheet 2, the net interest expense of \$79,401 will be passed back
17 at a rate of (\$0.0038) per Mcf, included in the C-Factor on PGC Exhibit
18 No. 21 Revision, Schedule 1, Sheet 1.

19 Q. Please explain the calculation of interest shown on PGC Exhibit No. 21B
20 Revision, Sheet 2.

21 A. The schedule identifies months with estimated or actual data as open or
22 closed periods. Columns 1 and 2 show storage injections and
23 withdrawals. Column 3 shows the rate differential which represents the

DIRECT TESTIMONY OF TRACY L. WESOLOSKI
R-2025-3052742

1 difference between the storage inventory rate included in base rates
2 calculated on an average cost method and the inventory rate charged
3 through the 1307(f) gas cost recovery mechanism based on the LIFO
4 valuation method.

5 Storage injections represent decreases to purchased gas expense as
6 theoretically a portion of volumes purchased and paid by Distribution
7 exceeding the current requirements. The Cost Paid by Distribution but not
8 Charged through the PGC, Column 5, is calculated by multiplying the
9 injections (column 1) by the rate differential (column 3). These costs
10 result in interest income to be recovered from the ratepayer, as they will
11 not be charged through purchased gas costs until the gas is withdrawn.

12 Storage withdrawals represent increases to purchased gas expense, as
13 theoretically requirements exceed current purchases. The Cost Charged
14 through the PGC but not Paid by Distribution, Column 4, is calculated by
15 multiplying the withdrawals (column 2) by the rate differential (column
16 3). These costs result in interest expense to be passed back to the
17 ratepayer, as they are charged through purchased gas costs when the gas is
18 withdrawn but were paid by Distribution when the gas was injected.

19 Storage Net Paid/Net Charged in Column 6 is the sum of columns 4 and 5.

20 The Interest Weight (column 7) represents the ratio of the twelve-
21 month PGC period the interest is expected to be outstanding. The Interest
22 Rate (column 8) represents the statutory rate to be charged for interest
23 based on the estimated net over/under collection of associated storage

DIRECT TESTIMONY OF TRACY L. WESOLOSKI
R-2025-3052742

1 costs for the twelve months ended July. Column 9 represents the
2 calculation of gross storage interest expense or interest income. This is
3 calculated by multiplying the Storage Net Paid/Net Charged (column 6)
4 by the applicable prorated interest rate (column 7 x column 8). The sum of
5 the monthly values in column 9 (Gross Storage Interest Expense/Revenue)
6 represents the amount of storage interest expense/income due to/from
7 ratepayers.

8 Q. Please explain PGC Exhibit No. 21C.

9 A. PGC Exhibit No. 21C, provides the “Explanation that Over/Under
10 collections for the Twelve Months Ended November 30, 2024, resulted
11 from a Least-Cost Procurement Policy”, which is a statement that is
12 required to be filed with the Commission pursuant to their regulation at 52
13 Pa. Code Section 53.64(i). The exhibit is self-explanatory.

14 Q. Please briefly explain PGC Exhibit No. 23 Revision.

15 A. PGC Exhibit No. 23 has three schedules, which contain Distribution’s projected
16 purchased gas cost portfolio. The schedules are:

- 17 • Schedule 1:
 - 18 ◦ Projected upstream transportation volumes at Distribution – Pennsylvania
19 Distribution {“PAD”}’s citygate (pages 1-2).
 - 20 ◦ Upstream transportation service tariff rates (pages 3-4)
 - 21 ◦ Storage and purchased gas costs (pages 5-6).
 - 22 ◦ Storage volumes (pages 7-8).
 - 23 ◦ Summary of storage unit costs (pages 9-10).

DIRECT TESTIMONY OF TRACY L. WESOLOSKI
R-2025-3052742

- 1 ◦ Storage costs (pages 11-12).
- 2 ◦ Storage unit costs (pages 13-14).
- 3 • Schedule 2: Distribution - PAD's Appalachian and local production gas cost
- 4 calculation.
- 5 • Schedule 3: Upstream pipeline contracted capacity and rates.

6 Q. How is the projected purchased gas portfolio generated?

7 A. The projected purchased gas portfolio, in terms of receipt and delivered volumes,
8 is generated from the ABB SENDOUT™ model ("Sendout").

9 Q. Please briefly describe the SENDOUT™ model.

10 A. The Gas Supply Administration Department uses Sendout, a least cost, linear
11 programming optimization model to facilitate its long-term (1-5 years) and short-
12 term (monthly and seasonal) forecasting contract optimization. Sendout is used to
13 project purchase, storage use, pipeline use and total system costs. Various inputs
14 into the Sendout model are used to develop the plan. Pipeline, storage and gas
15 purchase contractual provisions are considered. Inputs include maximum daily
16 quantities ("MDQ"), minimum takes, maximum takes, seasonal quantities, receipt
17 zones, market pricing, demand quantities and demand rates. CNG purchases are
18 also included in this year's Sendout model under the CNG Pilot Program which
19 was approved under Docket No. R-2024-3045177. Market pricing is estimated
20 using NYMEX prices, provided by the Rates and Regulatory Affairs Department,
21 for the relevant month being modeled and a basis differential for relevant
22 purchase points.

DIRECT TESTIMONY OF TRACY L. WESOLOSKI
R-2025-3052742

1 Q. How is the gas cost in PGC Exhibit No. 23 Revision, Schedule 1, Pages 5 and 6
2 calculated?

3 A. With a few exceptions, the gas cost is calculated by multiplying the receipt
4 volume in PGC Exhibit No. 23 Revision, Schedule 1, Pages 1 and 2 by the
5 projected NYMEX price in PGC Exhibit No. 25. The forecasted basis is also
6 applied to the receipt volume and the basis applied is dependent upon the receipt
7 and delivery points. The exceptions are, as discussed in PGC Exhibit No. 8
8 Revision, Distribution's contracts for some gas supplies with fixed prices or
9 limited price escalations to be delivered during the period December 2025
10 through March 2026. These gas supplies are individually priced in accordance
11 with their negotiated agreements. The gas costs presented on PGC Exhibit No. 23
12 Revision reflect these exceptions.

13 Q. What are the sources of the upstream pipeline rates in PGC Exhibit No. 23
14 Revision, Schedule 1, Pages 3, 4, 9 and 10?

15 A. The rates are derived from the latest tariff filings. The specifics of each pipeline
16 are discussed below:

- 17 • Columbia: The current rates, which were taken from Docket Nos.
18 RP25-160-000 Operational Transactions Rate Adjustment Filing and
19 RP24-464-000 Annual Retainage Adjustment Mechanism Filing, are
20 assumed to remain in effect throughout the projection period. Current
21 proposed rates were taken from Docket Nos. RP24-1103-00, are
22 assumed to be in effect throughout the projection period and subject to
23 refund upon Rate Filing settlement.

DIRECT TESTIMONY OF TRACY L. WESOLOSKI
R-2025-3052742

- 1 • Tennessee: The current rates, which were taken from Docket Nos.
2 RP24-333-003 and RP24-453-000, are assumed to be in effect
3 throughout the projection period.
- 4 • Supply: The current rates, which were taken from Docket No. RP24-
5 524-000, are assumed to be in effect throughout the projection period.
- 6 • Texas Eastern: The current rates, which were taken from Docket Nos.
7 RP25-314-000 Annual ASA and Interruptible Revenue Reconciliation
8 Report.

9 Q. Please describe Distribution’s FY2025 and FY2026 storage rate derivation in
10 PGC Exhibit No. 23 Revision, Schedule 1, Pages 13 and 14.

11 A. Distribution’s Pennsylvania Division’s storage rate derivation mirrors the
12 calculation performed at the end of each fiscal year. The annual gas costs
13 inclusive of commodity and demand purchased gas costs, upstream transportation
14 costs and storage rental costs are totaled. The cost of gas purchased for off-
15 system sales is excluded from the storage rate calculation. The net cost is then
16 divided by the annual gas delivery volume at Distribution’s Pennsylvania
17 Division Citygate.

18 Q. Please explain PGC Exhibit No. 23 Revision, Schedule 2.

19 A. PGC Exhibit No. 23 Revision, Schedule 2 is Pennsylvania’s Appalachian
20 Production (“AP”) and Local Production (“LP”) volume and cost summaries. AP
21 is production received directly by Supply and transported by Supply to
22 Distribution whereas LP is production received directly by Distribution without
23 the use of Supply’s facilities. Effective in this 1307(f) filing, Distribution has one

DIRECT TESTIMONY OF TRACY L. WESOLOSKI
R-2025-3052742

1 AP Production Rate. AP Production Rate 1 is priced at the forecasted wellhead
2 rate plus a monthly adjustment. The monthly adjustment is a composite rate that
3 reflects that approximately 35% of the AP is purchased pursuant to spot contracts
4 that are priced at 84% of the Appalachian Index and 65% is purchased pursuant to
5 dedicated (Life-of-Reserves) contracts that are priced at 100% of the Appalachian
6 Index. Distribution also has one LP Production Rate. LP Production Rate 1 is
7 priced at the forecasted wellhead rate plus a monthly adjustment. The monthly
8 adjustment is a composite rate that reflects that approximately 84% of the LP is
9 purchased pursuant to spot contracts that are priced at 84% of the Appalachian
10 Index and 16% is purchased pursuant to dedicated (Life-of-Reserves) contracts
11 that are priced at 100% of the Appalachian Index.

12 Q. Please explain PGC Exhibit No. 23 Revision, Schedule 3.

13 A. PGC Exhibit No. 23 Revision, Schedule 3 summarizes Distribution's contracted
14 capacity and rates by pipeline for the period December 2024 through October
15 2025.

16 Q. Please explain PGC Exhibit No. 24.

17 A. PGC Exhibit No. 24 is a summary of data and calculations which support
18 Distribution's Monthly Metered Transportation ("MMT") and Daily Metered
19 Transportation ("DMT") service rates. Please refer to Lisa Petko's testimony for
20 information on design peak day.

21 Q. Please provide a general description of Distribution's existing MMT and DMT
22 rates.

DIRECT TESTIMONY OF TRACY L. WESOLOSKI
R-2025-3052742

1 A. MMT rates include a purchased gas cost component designed to recover the costs
2 of balancing the difference between MMT customers' daily deliveries and daily
3 usage. Since MMT customers' meters are read monthly, actual daily
4 consumption data for MMT customers is not available. Therefore, an estimate of
5 peak day transportation usage and deliveries is used to calculate the costs of
6 providing balancing service to MMT customers.

7 Purchased gas costs are excluded from the DMT unit transportation rate.
8 To be a DMT customer, it is necessary for daily metering and communications
9 equipment to be installed not only at the customer's premises, where it receives
10 service from Distribution, but also at the point of delivery of the customer's gas
11 supplies into Distribution's system. Since DMT customer deliveries and usage
12 are monitored on a daily basis, the purchased gas costs associated with balancing
13 for DMT services are recovered through the over delivery and sales rates charged
14 to the DMT customer based upon the customer's actual daily usage of the sales
15 and over delivery services.

16 Q. What are the purchased gas capacity costs that Distribution expects to incur to
17 provide transportation services?

18 A. PGC Exhibit No. 24A provides a calculation of the purchased gas capacity costs
19 Distribution expects transportation customers to cause it to incur. Tables I
20 through V of Appendix I of PGC Exhibit No. 24A provide an estimate of
21 purchased gas capacity costs expected to be incurred to provide transportation
22 customers with service.

23 Q. How does Distribution recover these costs from transportation customers?

DIRECT TESTIMONY OF TRACY L. WESOLOSKI
R-2025-3052742

1 A. As explained in PGC Exhibit No. 24, the purchased gas costs associated with
2 providing service to transportation customers are recovered from MMT
3 transportation customers through the MMT charges.

4 Q. At page 7 of PGC Exhibit No. 24, it is explained that the design peak day
5 deficiency of DMT customers has been excluded from the storage delivery
6 calculation because a DMT customer's access to peak day storage deliverability
7 is, in effect, interruptible.

8 Q. Please explain why such access to storage deliverability is effectively
9 interruptible.

10 A. The DMT service tariff includes an Operational Flow Order provision whereby
11 Distribution may restrict the daily metered customers' access to banked gas
12 supplies. The restriction of the DMT customers' access to banked supplies allows
13 Distribution to restrict the DMT customers' use of storage deliverability so that
14 such storage deliverability can be used for the benefit of sales customers.

15 Q. What is the proposed charge to recover purchased gas costs associated with
16 transportation service included in the MMT rate schedule?

17 A. The transportation rates for MMT service include a component for the recovery of
18 purchased gas capacity costs. The unit cost as shown in PGC Exhibit No. 24A, is
19 \$0.5100 per Mcf. The Company is increasing the MMT rate from \$0.4700 to
20 \$0.5100 per Mcf.

21 Q. Explain the DMT rate schedule.

22 A. The DMT rate schedule is available to transportation customers that transport
23 volumes to Distribution, either directly or by displacement, on a firm or

DIRECT TESTIMONY OF TRACY L. WESOLOSKI
R-2025-3052742

1 interruptible basis. Customers under the DMT rate schedule will not be charged
2 the \$0.5100 per Mcf which is charged to MMT customers. Excess deliveries for
3 DMT customers, however, are charged a greater amount than MMT customers, as
4 explained in further detail below. The DMT customer's deliveries and usage must
5 be metered on a daily basis. If, in any day, the DMT customer uses more gas
6 from Distribution than the sum of: (1) any over delivery volumes at the beginning
7 of the day, (2) the volume of gas, after line losses, delivered to Distribution for the
8 customer's account on that day, and (3) two percent of the total daily usage, such
9 use in excess of the sum of (1), (2) and (3) above is deemed to be a sale of gas by
10 Distribution to the DMT customer under the applicable sales rate schedule.

11 Q. Please explain the charges for over deliveries under the DMT rate schedule.

12 A. The over delivery charges for DMT customers are based on the maximum
13 cumulative daily over delivery for DMT customers. For a maximum cumulative
14 over delivery volume between 2% and 37% of the volume of DMT service gas
15 transported by Distribution to the customer in the billing month, the charge for
16 over deliveries is \$0.6351 per Mcf. For over deliveries equal to or more than 37%
17 of the volume of DMT service gas transported to the customer by Distribution
18 during the billing month, the charge for such over deliveries shall be \$0.7624 per
19 Mcf.

20 Q. If a transportation service customer reverts back to sales service and, as a result,
21 Distribution does not recover capacity costs from the transportation service
22 customer, would an under recovery of purchased gas costs result?

DIRECT TESTIMONY OF TRACY L. WESOLOSKI
R-2025-3052742

1 A. No. Customers are free to switch back and forth between sales and transportation
2 service when Distribution has sufficient gas supply and pipeline transmission
3 capacity to accommodate the return of transportation customers to sales service.
4 If a present transportation customer decides to switch back to sales service, the
5 result would be simply that the same customer would contribute to recovery of
6 purchased gas costs through payment of rates for sales service instead of through
7 payment of transportation service rates.

8 Q. Why has the Company proposed no change in retention rates for transportation
9 service in this case?

10 A. The Company reviewed its current MMT and DMT service rates to determine
11 whether the current recovery of purchased gas cost rates and the current .15%
12 charged transportation customers to compensate for line losses and company
13 usage (“transportation retention rate”) continue to be appropriate. This review
14 concluded that current purchased gas cost rates included in charges to MMT
15 customers should increase to \$0.51 per Mcf, and the imbalance service rates
16 charged transportation customers, and the currently effective line loss retention
17 rates should not be changed. This proposal for services provided to transportation
18 customers reasonably balances the purchased gas cost recovery obligation of sales
19 and transportation customers.

20 Q. What issues did the Company consider when making its proposal for MMT and
21 DMT transportation service rates?

DIRECT TESTIMONY OF TRACY L. WESOLOSKI
R-2025-3052742

1 A. The Company considers the issues of the appropriate purchase gas cost,
2 balancing, and retention rates to be charged transportation customers for line loss
3 to be matters of rate design.

4 PGC Exhibit No. 33, Schedule 1 provides a summary of the criteria of a
5 sound rate structure. The Company believes that its existing and proposed charges
6 to transportation customers are consistent with these criteria.

7 Q. Is there any evidence that the current and past rates charged to MMT and DMT
8 customers, including retainage rates, have been an impediment to transportation
9 service on the Company's system?

10 A. No, the evidence is clearly contrary to any suggestion that the Company's MMT
11 and DMT rates and the retainage rates charged transportation customers have
12 been an impediment to transportation service. Transportation service over the
13 past 40 years has grown to 55% of total system throughput. Nearly all industrial
14 and public authority customers have migrated from sales service to transportation
15 service.

16 It is clear from this evidence that the transportation service and retainage
17 rates have fairly balanced the interests of transportation service customers.

18 Q. Does the Company's proposal in this proceeding fairly allocate costs incurred by
19 the Company to provide service to transportation service customers?

20 A. Yes, the proper allocation of purchased gas costs to transportation customers has
21 been an issue in the Company's purchased gas cost proceedings since the
22 implementation of Order 636 which was issued by the Federal Energy Regulatory

DIRECT TESTIMONY OF TRACY L. WESOLOSKI
R-2025-3052742

1 Commission in 1993. See PGC Exhibit No. 24, starting at line 11 of page 1 for
2 the list of 1307(f) cases where this issue was addressed.

3 In order to support transportation services, the Company incurs costs in
4 the way of capacity costs, principally on its affiliated pipeline, Supply. The
5 precise measurement of these costs is impossible since a precise measurement
6 would require daily measurement on all transportation customers as well as all gas
7 receipt points into the Company's system, including local gas production meters
8 (see PGC Exhibit No. 24, starting at line 16 of page 4). Therefore, the calculation
9 relies on estimates. Any attempt to determine the exact cost of servicing
10 transportation customers would require resolving a number of ancillary issues
11 including, for example, previous period reconciliation, that only add to the overall
12 complexity and cost of determining and administering any mechanism designed to
13 precisely quantify and recover those costs.

14 It is useful to place the overall magnitude of purchase gas cost recovery
15 rates for sales and transportation customers and actual sales and transportation
16 volumes into context. Table below demonstrates that, from the perspective of
17 overall gas cost recovery, gas cost revenues associated with transportation service
18 represent a small fraction of overall gas costs.

	Volumes		Gas Cost	
	Mcf	%	\$	%
Sales	20,834,971	44.4	112,089,940	95.4
MMT	9,048,785	19.3	4,614,880	3.9
SATC	1,793,197	3.8	771,792	0.7
DMT	15,267,262	32.5	0	0.0
Total	46,944,215	100	117,476,612	100.0

DIRECT TESTIMONY OF TRACY L. WESOLOSKI
R-2025-3052742

1 While one can argue about the allocation of gas costs to transportation
2 services, the overall impact on natural gas energy bills charged by the Company
3 to customers is not likely to be significant (i.e., overall changes in gas cost
4 allocation, even if capable of being precisely measured, are likely to be around
5 4.0% of overall gas cost).

6 Q. Why is the Company proposing to maintain existing transportation over delivery
7 rates?

8 A. Transportation over delivery rates present a unique issue associated with
9 transportation services. Transportation over deliveries, the rates charged for those
10 over deliveries, and the costs incurred by the Company due to those over
11 deliveries cannot be reconciled in a traditional cost-based rate perspective because
12 transportation over and under delivery rates are not designed solely to recover
13 specific identifiable costs incurred by transportation customers. Instead, the over
14 and under delivery rates on the Company's system are designed for the additional
15 purpose of providing an incentive to transportation customers and their suppliers
16 to deliver sufficient supplies to meet their customers' daily requirements so that
17 the reliability of gas supply service of the overall distribution system is
18 maintained. As mentioned, starting at line 24 of page 11 of PGC Exhibit No. 24,
19 imbalance rates were not designed to provide transportation customers with
20 storage service. Instead, they are designed to provide sufficient incentive for
21 transportation customers and their natural gas suppliers to remain in balance.
22 Existing over delivery rates have been sufficient to provide such incentive.
23 Because costs of providing transportation service cannot be quantified precisely

DIRECT TESTIMONY OF TRACY L. WESOLOSKI
R-2025-3052742

1 and because they are designed also to create incentives, reasonable judgment is
2 required to establish reasonable transportation rates that are fair to all customers
3 on the system including sales and transportation customers. Distribution believes
4 that its proposal for MMT and DMT rates achieve this objective.

5 Q. Please describe PGC Exhibit No. 28.

6 A. Exhibit No. 28 is the Company's proposed tariff. The normal rate changes are in
7 Supplement No. 280 associated with changes in gas cost.

8 Q. Please explain PGC Exhibit No. 29.

9 A. PGC Exhibit No. 29 provides the calculation of the weighted average demand
10 cost of upstream capacity and the demand transfer rate ("DTR") associated with
11 the SATS rate schedule.

12 The weighted average demand cost of upstream capacity provides the rate
13 charged to SATS suppliers for capacity release that consolidates the upstream
14 transmission capacity costs into a single rate that is priced at the same effective
15 cost as if the Supplier was allocated a pro rata share of every segment of
16 transmission capacity held by the Company.

17 Q. Please explain the DTR.

18 A. The DTR is utilized to recover from NGSs the costs of capacity incurred by sales
19 customers prior to the conversion of the sales customer to transportation service.
20 Under the SATS rate schedule, NGSs receive a transfer of gas in storage for all
21 customers that convert to transportation service after the month of April. The
22 DTR is designed to remove any incentive for the NGS to convert sales customers
23 after the summer period to avoid the assignment of upstream capacity during the

DIRECT TESTIMONY OF TRACY L. WESOLOSKI
R-2025-3052742

1 summer period when sales volumes are low. Absent the DTR, NGSs could avoid
2 capacity costs during the summer period when sales volumes and associated
3 revenues are low and only incur such capacity costs by converting customers after
4 the summer period where sales volumes and associated revenues are high. The
5 DTR eliminates any such incentive and protects the remaining sales customers
6 from paying costs that are incurred for the benefit of transportation customers.

7 Q. Please explain PGC Exhibit No. 34.

8 A. PGC Exhibit No. 34 is the calculation of the Company's Priority Standby ("PSB")
9 Service rates and Standby ("SB") Service rates.

10 Q. Does this conclude your testimony?

11 A. Yes, at this time.

Verification

I, *Tracy L. Wesoloski, Manager*, of the Rates & Regulatory Affairs Department of National Fuel Gas Distribution Corporation state that the facts set forth in the foregoing Purchased Gas Cost Filing under Section 1307(f) of the Public Utility Code and 52 Pa. Code §§ 53.64 and 53.65 Docketed at R-2025-3052742 including

Distribution PGC Statement No. 6 - Direct Testimony of Tracy L. Wesoloski
Exhibit Nos. 1, 2, 2 Revised, 3, 3 Revised, 13, 13A, 17, 21, 21 Revised, 21-A, 21-B, 21-B Revised, 21-C, 23, 23 Revised, 24, 24A, 28, 29, 33, 34, and TLW-1.

are true and correct to the best of my knowledge, information and belief, and that I expect to be able to prove the same at a hearing held in this matter. This statement is made subject to the penalties of 18 Pa. C.S. § 4904 relating to unsworn falsifications to authorities.



Tracy L. Wesoloski

This 31st day of January, 2025

National Fuel Gas Distribution Corporation
 Pennsylvania Division
 Commodity
 On and After November 1, 2024

		Initial Filing	Nov. 24 quarterly	
		Aug-24	Nov-24	Nov-24
		(A)	(B)	(C-=B-A)
(1)	Commodity - C factor \$	58,845,097	59,425,198	580,101
(2)	Quarterly - Adjustment Change - Page 7		465,294	465,294
(3 = 1+ 2)	Total Change		59,890,492	1,045,395
(4)	Volumes - Mcf	21,817,752		21,817,752
(5 = 3/4)	Quarterly C-factor change	2.6971		0.0479
(6=5)	Prior quarterly rate			2.6971
(7= 5+6)	Sub total C Factor Rate - \$/Mcf	2.6971		2.7450
(8)	Annual O/(U) - \$ - E-Factor	18,162,019	16,913,348	(1,248,671)
(9=8/4)	Over/Under collection change	0.8324		(0.0572)
(10=9)	Prior quarterly rate			0.8324
(11=9+10)	O/(U) Rate - \$/Mcf	0.8324		0.7752
(12)	Storage - \$/Mcf	<u>\$ (0.0062)</u>		<u>\$ (0.0094)</u>
(13=7-11+12)	Total rate - \$/Mcf	1.8585		1.9604

National Fuel Gas Distribution Corporation
 Pennsylvania Division
 Demand - NGS
 On and After November 1, 2024

		Initial Filing	Nov. 24 quarterly	
		Aug-24	Nov-24	Nov-24
		(A)	(B)	(C-=B-A)
(1)	Demand - NGS factor \$	36,065,220	37,168,056	1,102,836
(2)	Quarterly - Adjustment Change - Page 5		743,075	743,075
(3 = 1+ 2)	Total Change		37,911,131	1,845,911
(4)	Volumes - Mcf	21,817,752		21,817,752
(5 = 3/4)	Quarterly C-factor change	1.6530		0.0846
(6=5)	Prior quarterly rate			1.6530
(7= 5+6)	Sub total C Factor Rate - \$/Mcf	1.6530		1.7376
(8)	Annual O/(U) - \$ - E-Factor	(2,095,693)	(2,920,607)	(824,914)
(9=8/4)	Over/Under collection change	(0.0961)		(0.0378)
(10=9)	Prior quarterly rate			(0.0961)
(11=9+10)	O/(U) Rate - \$/Mcf	(0.0961)		(0.1339)
(12=7-11)	Total rate - \$/Mcf	1.7491		1.8715

National Fuel Gas Distribution Corporation
 Pennsylvania Division
 Demand - DC
 On and After November 1, 2024

		Initial Filing	Nov. 24 quarterly	
		Aug-24	Nov-24	Nov-24
		(A)	(B)	(C=B-A)
(1)	Demand - DC factor \$	8,173,776	8,173,776	-
(2)	Quarterly - Adjustment Change - Page 6		24,728	24,728
(3 = 1+ 2)	Total Change		8,198,504	24,728
(4)	Volumes - Mcf	23,830,142		23,830,142
(5 = 3/4)	Quarterly C-factor change	0.3430		0.0010
(6=5)	Prior quarterly rate			0.3430
(7= 5+6)	Sub total C Factor Rate - \$/Mcf	0.3430		0.3440
(8)	Annual O/(U) - \$ - E-Factor	(519,107)	(562,758)	(43,651)
(9=8/4)	Over/Under collection change	(0.0218)		(0.0018)
(10=9)	Prior quarterly rate			(0.0218)
(11=9+10)	O/(U) Rate - \$/Mcf	(0.0218)		(0.0236)
(12=7-11)	Total rate - \$/Mcf	0.3648		0.3676

NATIONAL FUEL GAS DISTRIBUTION CORPORATION
Pennsylvania Division
Calculation of Interest on Storage Injections / Withdrawals (C Factor - (Passback) / Recovery)
Twelve Months Ended July 2025

Month		Injections	Withdrawals	Rate	Cost Charged Through PGC But Not Paid	Cost Paid By Distribution But Not Charged	Storage (Net Paid) / Net Charged	Interest Weight	Interest Rate ¹	Gross Storage Interest Expense/(Revenue)
		Mcf (1)	Mcf (2)	\$/Mcf (3)	By Distribution \$ (4=2x3)	Through PGC \$ (5=1x3)	\$ (6=4+5)	(7)	% (8)	\$ (9=[6x(7x8)])
August 2024	Closed	986,804	6,938	\$3.6613	25,402	(3,612,989)	(3,587,587)	12 / 12	8.50%	\$ (304,945)
September	Closed	1,003,909	3,638	\$3.6613	13,320	(3,675,616)	(3,662,296)	11 / 12	8.50%	\$ (285,354)
October	Open	1,021,324	-	\$4.1535	-	(4,242,077)	(4,242,077)	10 / 12	8.50%	\$ (300,480)
November	Open	-	778,698	\$4.1535	3,234,328	-	3,234,328	9 / 12	8.50%	\$ 206,188
December	Open	-	899,868	\$4.1535	3,737,606	-	3,737,606	8 / 12	8.50%	\$ 211,798
January 2025	Open	-	1,885,072	\$4.1535	7,829,658	-	7,829,658	7 / 12	8.50%	\$ 388,221
February	Open	-	1,471,206	\$4.1535	6,110,660	-	6,110,660	6 / 12	8.50%	\$ 259,703
March	Open	-	1,683,651	\$4.1535	6,993,053	-	6,993,053	5 / 12	8.50%	\$ 247,671
April	Open	83,636	-	\$4.1535	-	(347,381)	(347,381)	4 / 12	8.50%	\$ (9,842)
May	Open	1,201,098	-	\$4.1535	-	(4,988,767)	(4,988,767)	3 / 12	8.50%	\$ (106,011)
June	Open	1,158,886	-	\$4.1535	-	(4,813,439)	(4,813,439)	2 / 12	8.50%	\$ (68,190)
July	Open	<u>1,167,566</u>	<u>-</u>	<u>\$4.1535</u>	<u>-</u>	<u>(4,849,492)</u>	<u>(4,849,492)</u>	1 / 12	8.50%	<u>\$ (34,351)</u>
TOTAL		6,623,223	6,729,071		\$ 27,944,028	\$ (26,529,762)	\$ 1,414,266			\$ 204,406
Estimated storage interest expense / (income) due to / (from) PGC customers										\$ 204,406
PGC Volumes										<u>21,817,752</u>
PGC (Passback) / Recovery Rate \$/Mcf										(\$0.0094)

¹ The storage over/(under) interest rate was calculated on a stand-alone basis using the TME July as the determination period.

NATIONAL FUEL GAS DISTRIBUTION CORPORATION
Pennsylvania Division
Summary of Cost of Gas by Gas Supplier and
Transmission of Gas by Local Producers
Eight Months Ended July 2025

<u>Supplier</u>	<u>Projected Quantity Purchased</u> (Mcf)	<u>Commodity Cost</u> (\$)	<u>Demand Cost Natural Gas Supply</u> (\$)	<u>Demand Cost Distribution Charge</u> (\$)	<u>Total Projected Cost</u> (\$)
Upstream Purchases	16,898,768	41,015,374	19,743,346	5,449,184	66,207,904
Storage		7,446,838	19,728,577	0	27,175,415
Transportation Credit			(3,066,065)	0	(3,066,065)
Capacity Release			(2,450,835)	0	(2,450,835)
Local Production	96,878	233,356			233,356
Peoples Gas Company	<u>4,049</u>	<u>31,617</u>			<u>31,617</u>
Subtotal	16,999,695	48,727,185	33,955,024	5,449,184	88,131,393
Credit - Line Hits		<u>(4,758)</u>			<u>(4,758)</u>
Total		<u>48,722,427</u>			<u>88,126,635</u>

NATIONAL FUEL GAS DISTRIBUTION CORPORATION

Pennsylvania Division
Summary of Cost of Gas by Gas Supplier
Eight Months Ended July 2025

<u>Supplier</u>	<u>Projected Quantity Purchased</u> (Mcf)	<u>Commodity Cost</u> (\$)	<u>Demand Cost Natural Gas Supply</u> (\$)	<u>Demand Cost Distribution Charge</u> (\$)	<u>Total Projected Cost</u> (\$)
Upstream					
December 2024	3,240,500	5,397,696	2,463,722	681,148	8,542,566
January 2025	4,041,603	6,418,454	2,467,799	681,148	9,567,401
February	3,457,742	5,938,984	2,474,336	681,148	9,094,468
March	2,995,892	5,638,793	2,487,941	681,148	8,807,882
April	1,700,263	5,035,455	2,466,156	681,148	8,182,759
May	696,439	4,641,423	2,461,131	681,148	7,783,702
June	404,291	4,128,744	2,461,131	681,148	7,271,023
July	362,039	3,815,824	2,461,131	681,148	6,958,103
Total	16,898,768	41,015,374	19,743,346	5,449,184	66,207,904

See Exhibit 23, Schedule 1

NATIONAL FUEL GAS DISTRIBUTION CORPORATION
 Pennsylvania Division
 Summary of Cost of Gas by Gas Supplier
 Eight Months Ended July 2025

<u>Supplier</u>	<u>Projected Quantity Purchased</u> (Mcf)	<u>Commodity Cost</u> (\$)	<u>Total Projected Cost</u> (\$)
Local Production			
December 2024	331	792	792
January 2025	14,118	37,213	37,213
February	12,751	31,759	31,759
March	14,118	31,119	31,119
April	13,662	29,796	29,796
May	14,118	32,257	32,257
June	13,662	33,477	33,477
July	14,118	36,943	36,943
Total	96,878	233,356	233,356

See Exhibit 23, Schedule 2

NATIONAL FUEL GAS DISTRIBUTION CORPORATION

Pennsylvania Division
 Summary of Transportation Credits
 Eight Months Ended July 2025

	2024	2025							
	<u>December</u>	<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>Total</u>
MMT Volume	1,147,338	1,274,805	1,162,292	1,045,303	683,312	469,818	378,371	362,304	6,523,543
Rate \$ / Mcf	0.4700	0.4700	0.4700	0.4700	0.4700	0.4700	0.4700	0.4700	
Transportation Credit - \$	(539,249)	(599,158)	(546,277)	(491,293)	(321,157)	(220,815)	(177,834)	(170,283)	(3,066,065)

PGC Exhibit 2
 Schedule 1
 Sheet 4
 Prefiling revision

NATIONAL FUEL GAS DISTRIBUTION CORPORATION

Pennsylvania Division
Summary of Credit Due to Line Hits
Eight Months Ended July 2025

	<u>2024</u> <u>December</u>	<u>January</u>	<u>February</u>	<u>March</u>	<u>2025</u> <u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>Total</u>
Line Hits (Credit) Amount - \$	210	397	653	532	1,818	411	622	115	4,758

NATIONAL FUEL GAS DISTRIBUTION CORPORATION
 Pennsylvania Division
 Summary of Off-System Sales Refund
 Eight Months Ended July 2025

	<u>2024</u>	<u>2025</u>							
	<u>December</u>	<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>Total</u>
Off-System Sales Margin - \$	0	0	0	0	0	0	0	0	0
Off-System Sales Refund (75%) - \$	0	0	0	0	0	0	0	0	0
Prior Period Adjustment	0	0	0	0	0	0	0	0	0
Net Off-System Sales Refund - \$	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>

Note: Effective August 1, 2001 sharing 75% / 25% before tax

NATIONAL FUEL GAS DISTRIBUTION CORPORATION
 Pennsylvania Division
 Details of Upstream Purchases (Including Transportation) ¹
 Eight Months Ended July 2025

	2024	2025						Total	
	December	January	February	March	April	May	June		July
Purchase Volume - Dth	1,383,568	1,524,512	1,661,785	1,899,952	1,950,136	1,810,165	1,638,422	1,458,346	13,326,886
City Gate Volume - DTH	551,918	613,242	387,727	207,213	0	0	0	0	1,760,100
Storage Volume - Dth	1,463,798	2,101,888	1,577,659	1,035,526	(166,560)	(1,079,601)	(1,214,321)	(1,078,567)	2,639,822
Total Volume - Dth	3,399,284	4,239,642	3,627,171	3,142,691	1,783,576	730,564	424,101	379,779	17,726,808
Conversion Factor	1.0490	1.0490	1.0490	1.0490	1.0490	1.0490	1.0490	1.0490	
Total Volume - Mcf	3,240,500	4,041,603	3,457,742	2,995,892	1,700,263	696,439	404,291	362,039	16,898,768
Net Purchases - Mcf	3,240,500	4,041,603	3,457,742	2,995,892	1,700,263	696,439	404,291	362,039	16,898,768
Demand - Natural Gas Supply - \$	2,463,722	2,467,799	2,474,336	2,487,941	2,466,156	2,461,131	2,461,131	2,461,131	19,743,346
Demand - Distribution Charge - \$	681,148	681,148	681,148	681,148	681,148	681,148	681,148	681,148	5,449,184
Total Demand - \$	3,144,870	3,148,947	3,155,484	3,169,089	3,147,304	3,142,279	3,142,279	3,142,279	25,192,530
Commodity - \$ - PA	5,397,696	6,418,454	5,938,984	5,638,793	5,035,455	4,641,423	4,128,744	3,815,824	41,015,374
Net Commodity - \$	5,397,696	6,418,454	5,938,984	5,638,793	5,035,455	4,641,423	4,128,744	3,815,824	41,015,374
Total Cost - \$	8,542,566	9,567,401	9,094,468	8,807,882	8,182,759	7,783,702	7,271,023	6,958,103	66,207,904

¹ See Exhibit 23, Schedule 1

NATIONAL FUEL GAS DISTRIBUTION CORPORATION

Pennsylvania Division

Details of Storage

Eight Months Ended July 2025

	2024	2025							Total
	December	January	February	March	April	May	June	July	
Rental Cost*									
Demand	1,328,712	1,328,712	1,328,712	1,328,712	1,429,671	1,429,671	1,429,671	1,429,671	11,033,532
Commodity	60,280	79,422	55,376	41,422	3,658	42,842	47,921	42,808	373,729
Transportation Cost									
Demand	194,244	194,244	194,244	194,244	202,395	202,395	202,395	202,395	1,586,556
Commodity	174	3,934	2,922	994	1,160	422	1,371	403	11,380
Gas Cost									
Demand	3,837,987	5,523,927	4,146,106	2,718,134	(430,090)	(2,780,399)	(3,129,995)	(2,777,181)	7,108,489
Commodity	3,812,741	5,487,590	4,118,833	2,700,253	(427,261)	(2,762,109)	(3,109,406)	(2,758,912)	7,061,729
TOTAL COSTS									
Demand	5,360,943	7,046,883	5,669,062	4,241,090	1,201,976	(1,148,333)	(1,497,929)	(1,145,115)	19,728,577
Commodity	3,873,195	5,570,946	4,177,131	2,742,669	(422,443)	(2,718,845)	(3,060,114)	(2,715,701)	7,446,838
TOTAL	9,234,138	12,617,829	9,846,193	6,983,759	779,533	(3,867,178)	(4,558,043)	(3,860,816)	27,175,415

See Exhibit 23, Schedule 1

NATIONAL FUEL GAS DISTRIBUTION CORPORATION
 Pennsylvania Division
 Detail of Costs Related to Peoples Gas Company
 Eight Months Ended July 2025

	<u>2024</u> <u>December</u>	<u>2025</u>							<u>Total</u>
		<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	
Mcf	860	1,009	833	563	396	153	123	112	4,049
Amount - \$	4,278	7,642	6,854	5,196	3,606	1,524	1,290	1,228	31,617

PGC Exhibit 2
 Schedule 3
 Preliminary revision

NATIONAL FUEL GAS DISTRIBUTION CORPORATION
 Pennsylvania Division
 Detail of Capacity Release
 Eight Months Ended July 2025

	2024	2025							
	<u>December</u>	<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>Total</u>
PA. Capacity Release	157,104	150,127	142,101	141,391	48,042	55,699	55,661	46,516	796,640
PA Customer Wide Choice Capacity Release	206,774	206,774	206,774	206,774	206,774	206,774	206,774	206,774	1,654,195
PA Capacity Release - \$	363,878	356,901	348,875	348,165	254,816	262,473	262,436	253,290	2,450,835

NATIONAL FUEL GAS DISTRIBUTION CORPORATION
 Pennsylvania Division
 Temperature Swing/ Peaking Capacity Costs
 Eight Months Ended July 2025

	2024	2025							<u>Total</u>
	<u>December</u>	<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	
NFGSC EFT Capacity (Dth)	54,045	54,045	54,045	54,045	54,045	54,045	54,045	54,045	
Rate (\$ / Dth)	6.9865	6.9865	6.9865	6.9865	6.9865	6.9865	6.9865	6.9865	
Amount (\$)	377,585	377,585	377,585	377,585	377,585	377,585	377,585	377,585	3,020,680
NFGSC ESS Delivery (Dth)	43,379	43,379	43,379	43,379	43,379	43,379	43,379	43,379	
Rate (\$ / Dth)	3.2263	3.2263	3.2263	3.2263	3.2263	3.2263	3.2263	3.2263	
Amount (\$)	139,954	139,954	139,954	139,954	139,954	139,954	139,954	139,954	1,119,632
NFGSC ESS Capacity (Dth)	2,024,844	2,024,844	2,024,844	2,024,844	2,024,844	2,024,844	2,024,844	2,024,844	
Rate (\$ / Dth)	0.0589	0.0589	0.0589	0.0589	0.0589	0.0589	0.0589	0.0589	
Amount (\$)	119,263	119,263	119,263	119,263	119,263	119,263	119,263	119,263	954,104
NFGSC FSS Delivery (Dth)	10,666	10,666	10,666	10,666	10,666	10,666	10,666	10,666	
Rate (\$ / Dth)	3.1020	3.1020	3.1020	3.1020	3.1020	3.1020	3.1020	3.1020	
Amount (\$)	33,086	33,086	33,086	33,086	33,086	33,086	33,086	33,086	264,688
NFGSC FSS Capacity (Dth)	200,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000	
Rate (\$ / Dth)	0.0563	0.0563	0.0563	0.0563	0.0563	0.0563	0.0563	0.0563	
Amount (\$)	11,260	11,260	11,260	11,260	11,260	11,260	11,260	11,260	90,080
Grand Total Cost - Distribution Charge (\$)	681,148	681,148	681,148	681,148	681,148	681,148	681,148	681,148	5,449,184

NATIONAL FUEL GAS DISTRIBUTION CORPORATION

Pennsylvania Division
Summary of Cost of Gas by Gas Supplier and
Transmission of Gas by Local Producers
Twelve Months Ended July 2026

<u>Supplier</u>	<u>Projected Quantity Purchased</u> (Mcf)	<u>Commodity Cost</u> (\$)	<u>Demand Cost Natural Gas Supply</u> (\$)	<u>Demand Cost Distribution Charge</u> (\$)	<u>Total Projected Cost</u> (\$)
Upstream Purchases	20,757,348	66,384,112	27,767,800	9,739,044	103,890,956
Storage		1,113,334	20,765,428	0	21,878,762
Transportation Credit			(4,614,880)	0	(4,614,880)
Capacity Release Credit			(4,717,307)	0	(4,717,307)
Local Production	124,783	379,223			379,223
Peoples Gas Company	5,160	41,242			41,242
Subtotal	20,887,291	67,917,911	39,201,041	9,739,044	116,857,996
Credit - Line Hits		<u>(6,930)</u>			<u>(6,930)</u>
Total		<u>67,910,981</u>			<u>116,851,066</u>

NATIONAL FUEL GAS DISTRIBUTION CORPORATION
Pennsylvania Division
Summary of Cost of Gas by Gas Supplier
Twelve Months Ended July 2026

<u>Supplier</u>	<u>Projected Quantity Purchased</u> (Mcf)	<u>Commodity Cost</u> (\$)	<u>Demand Cost Natural Gas Supply</u> (\$)	<u>Demand Cost Distribution Charge</u> (\$)	<u>Total Projected Cost</u> (\$)
Upstream					
August 2025	365,773	4,236,875	2,340,763	811,587	7,389,225
September	379,701	3,776,022	2,330,692	811,587	6,918,301
October	1,046,068	5,399,046	2,325,666	811,587	8,536,299
November	2,106,422	4,268,232	2,325,666	811,587	7,405,485
December	3,219,013	8,603,554	2,320,621	811,587	11,735,762
January 2026	4,024,497	8,366,746	2,284,793	811,587	11,463,126
February	3,457,714	6,902,625	2,294,844	811,587	10,009,056
March	2,990,097	5,010,050	2,309,960	811,587	8,131,597
April	1,697,686	5,717,543	2,309,960	811,587	8,839,090
May	698,722	5,274,025	2,304,915	811,587	8,390,527
June	407,124	4,575,544	2,309,960	811,587	7,697,091
July	364,531	4,253,849	2,309,960	811,587	7,375,396
Total	20,757,348	66,384,112	27,767,800	9,739,044	103,890,956

See Exhibit 23, Schedule 1

NATIONAL FUEL GAS DISTRIBUTION CORPORATION

Pennsylvania Division

Summary of Cost of Gas by Gas Supplier
Twelve Months Ended July 2026

<u>Supplier</u>	Projected Quantity <u>Purchased</u> (Mcf)	Commodity <u>Cost</u> (\$)	Total Projected <u>Cost</u> (\$)
Local Production			
August 2025	14,118	37,482	37,482
September	0	0	0
October	0	0	0
November	0	0	0
December	14,118	48,353	48,353
January 2026	14,118	51,737	51,737
February	12,751	44,066	44,066
March	14,118	42,094	42,094
April	13,662	36,461	36,461
May	14,118	38,081	38,081
June	13,662	38,780	38,780
July	14,118	42,169	42,169
Total	<u>124,783</u>	<u>379,223</u>	<u>379,223</u>

See Exhibit 23, Schedule 2

NATIONAL FUEL GAS DISTRIBUTION CORPORATION
Pennsylvania Division
Summary of Transportation Credits
Twelve Months Ended July 2026

	2025	2026											
	August	September	October	November	December	January	February	March	April	May	June	July	Total
MMT Volume	366,713	404,345	717,169	996,071	1,153,677	1,281,324	1,168,314	1,051,229	686,738	475,100	381,511	366,593	9,048,785
Rate \$ / Mcf	0.5100	0.5100	0.5100	0.5100	0.5100	0.5100	0.5100	0.5100	0.5100	0.5100	0.5100	0.5100	
Transportation Credit - \$	(187,024)	(206,216)	(365,756)	(507,996)	(588,375)	(653,475)	(595,840)	(536,127)	(350,236)	(242,301)	(194,571)	(186,963)	(4,614,880)

Exhibit 24, Appendix 1

NATIONAL FUEL GAS DISTRIBUTION CORPORATION
Pennsylvania Division
Summary of Credit Due to Line Hits
Twelve Months Ended July 2026

	2025	2026											
	<u>August</u>	<u>September</u>	<u>October</u>	<u>November</u>	<u>December</u>	<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>Total</u>
Line Hits (Credit) Amount - \$	567	367	1,229	9	210	397	653	532	1,818	411	622	115	6,930

NATIONAL FUEL GAS DISTRIBUTION CORPORATION
Pennsylvania Division
Details of Upstream Purchases (Including Transportation) ¹
Twelve Months Ended July 2026

	2025	2026											Total
	August	September	October	November	December	January	February	March	April	May	June	July	
Purchase Volume - Dth	1,623,768	1,575,403	2,236,333	1,141,376	1,925,645	1,632,460	1,536,055	1,283,753	1,907,191	1,833,767	1,637,588	1,480,470	19,813,809
City Gate NFGSC Volume - Dth	0	0	0	296,730	551,918	613,242	387,727	245,297	0	0	0	0	2,094,914
Storage Volume - Dth	(1,240,072)	(1,177,096)	(1,139,007)	771,531	899,181	1,975,995	1,703,360	1,607,561	(126,318)	(1,100,807)	(1,210,515)	(1,098,077)	(134,264)
Total Volume - Dth	383,696	398,307	1,097,326	2,209,637	3,376,744	4,221,697	3,627,142	3,136,611	1,780,873	732,960	427,073	382,393	21,774,459
Conversion Factor	1.0490	1.0490	1.0490	1.0490	1.0490	1.0490	1.0490	1.0490	1.0490	1.0490	1.0490	1.0490	
Total Volume - Mcf	365,773	379,701	1,046,068	2,106,422	3,219,013	4,024,497	3,457,714	2,990,097	1,697,686	698,722	407,124	364,531	20,757,348
Net Purchases - Mcf	365,773	379,701	1,046,068	2,106,422	3,219,013	4,024,497	3,457,714	2,990,097	1,697,686	698,722	407,124	364,531	20,757,348
Demand - Natural Gas Supply - \$	2,340,763	2,330,692	2,325,666	2,325,666	2,320,621	2,284,793	2,294,844	2,309,960	2,309,960	2,304,915	2,309,960	2,309,960	27,767,800
Demand - Distribution Charge - \$	811,587	811,587	811,587	811,587	811,587	811,587	811,587	811,587	811,587	811,587	811,587	811,587	9,739,044
Total Demand - \$	3,152,350	3,142,279	3,137,253	3,137,253	3,132,208	3,096,380	3,106,431	3,121,547	3,121,547	3,116,502	3,121,547	3,121,547	37,506,844
Commodity - \$ - PA	4,236,875	3,776,022	5,399,046	4,268,232	8,603,554	8,366,746	6,902,625	5,010,050	5,717,543	5,274,025	4,575,544	4,253,849	66,384,112
Net Commodity - \$	4,236,875	3,776,022	5,399,046	4,268,232	8,603,554	8,366,746	6,902,625	5,010,050	5,717,543	5,274,025	4,575,544	4,253,849	66,384,112
Total Cost - \$	7,389,225	6,918,301	8,536,299	7,405,485	11,735,762	11,463,126	10,009,056	8,131,597	8,839,090	8,390,527	7,697,091	7,375,396	103,890,956

¹ See Exhibit 23, Schedule 1

NATIONAL FUEL GAS DISTRIBUTION CORPORATION
Pennsylvania Division
Details of Storage
Twelve Months Ended July 2026

	2025	2026											Total
	August	September	October	November	December	January	February	March	April	May	June	July	
Rental Cost													
Demand	1,429,671	1,429,671	1,429,671	1,429,671	1,429,671	1,429,671	1,429,671	1,429,671	1,429,671	1,429,671	1,429,671	1,429,671	17,156,052
Commodity	4,948	5,539	3,079	1,449	1,449	19,284	8,536	3,327	2,147	3,017	3,904	2,927	59,606
Transportation Cost													
Demand	202,395	202,395	404,769	404,769	404,769	404,769	404,769	404,769	202,395	202,395	202,395	202,395	3,642,984
Commodity	1,954	2,284	910	0	0	3,975	2,746	994	390	876	1,371	826	16,326
Gas Cost													
Demand	(3,210,125)	(3,046,154)	(2,963,690)	2,035,187	2,371,912	5,228,214	4,504,148	4,244,470	(329,424)	(2,862,959)	(3,149,502)	(2,855,685)	(33,608)
Commodity	(3,189,009)	(3,026,115)	(3,454,183)	2,372,012	2,764,464	6,093,487	5,249,589	4,946,933	(383,943)	(3,336,782)	(3,670,747)	(3,328,304)	1,037,402
TOTAL COSTS													
Demand	(1,578,059)	(1,414,088)	(1,129,250)	3,869,627	4,206,352	7,062,654	6,338,588	6,078,910	1,302,642	(1,230,893)	(1,517,436)	(1,223,619)	20,765,428
Commodity	(3,182,107)	(3,018,292)	(3,450,194)	2,373,461	2,765,913	6,116,746	5,260,871	4,951,254	(381,406)	(3,332,889)	(3,665,472)	(3,324,551)	1,113,334
TOTAL	(4,760,166)	(4,432,380)	(4,579,444)	6,243,088	6,972,265	13,179,400	11,599,459	11,030,164	921,236	(4,563,782)	(5,182,908)	(4,548,170)	21,878,762

See Exhibit 23, Schedule 1

NATIONAL FUEL GAS DISTRIBUTION CORPORATION
 Pennsylvania Division
 Detail of Costs Related to Peoples Gas Company
 Twelve Months Ended July 2026

	2025	2026											
	<u>August</u>	<u>September</u>	<u>October</u>	<u>November</u>	<u>December</u>	<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>Total</u>
Mcf	141	96	264	610	860	1,009	833	563	396	153	123	112	5,160
Amount - \$	1,486	1,042	2,240	4,857	4,278	7,642	6,854	5,196	3,606	1,524	1,290	1,228	41,242

NATIONAL FUEL GAS DISTRIBUTION CORPORATION
 Pennsylvania Division
 Detail of Capacity Release Credits
 Twelve Months Ended July 2026

	2025	2026										Total	
	August	September	October	November	December	January	February	March	April	May	June		July
PA Capacity Release	40,913	41,481	51,600	68,717	157,104	150,127	142,101	141,391	48,042	55,699	55,661	46,516	999,350
PA Customer Wide Choice Capacity Release	309,829	309,829	309,829	309,829	309,829	309,829	309,829	309,829	309,829	309,829	309,829	309,829	3,717,957
Capacity Release Credit - \$	350,742	351,310	361,429	378,546	466,933	459,956	451,930	451,220	357,871	365,529	365,491	356,345	4,717,307

**PGC EXHIBIT NO. 8
(REVISED)**

**NO PUBLIC VERSION
AVAILABLE**

NATIONAL FUEL GAS DISTRIBUTION CORPORATION
Pennsylvania Division
Computation of Purchased Gas Commodity Cost Per Mcf
On and After August 1, 2025

Computation Year: Twelve Months Ended July 2026

<u>Line No.</u>	<u>Description</u>	
1	Purchased Gas Commodity Costs = $(CC - E) \div S$	
2	CC = Commodity Cost of Gas (Exhibit 3)	67,910,981
3	S = Projected Sales for the Computation Year (See Exhibit 22)	<u>20,834,971</u>
4	Unit Commodity Cost (Line 2 / Line 3)	3.2595
5	Storage Interest (Exhibit 21B, Sheet 2)	<u>(0.0038)</u>
6	Total Commodity Cost (Line 4 + Line 5)	3.2557
7	E = Experienced Net Overcollection to be Refunded (See Schedule 5 - COMMODITY)	2,664,981
8	S = Projected Sales for the Computation Year (See Exhibit 22)	20,834,971
9	Projected SATC Volumes for Computation Year	<u>0</u>
10	Total Volumes for Recovery of Commodity E - Factor (Line 8 + Line 9)	20,834,971
11	Unit Commodity E-Factor Rate (Line 7 / Line 10)	<u>0.1279</u>
12	Projected Sales Commodity Cost per Mcf (Line 6 - Line 11)	<u><u>3.1278</u></u>

NATIONAL FUEL GAS DISTRIBUTION CORPORATION
 Pennsylvania Division
 Computation of Purchased Gas Demand Cost Per Mcf
 On and After August 1, 2025

Computation Year: Twelve Months Ended July 2026

<u>Line No.</u>	<u>Description</u>	
1	Purchased Gas Demand Costs = DC ÷ S	
2	DC = Demand Cost of Gas - Natural Gas Supply (Exhibit 3)	39,201,041
3	Projected Sales for Computation Year (Exhibit 22)	<u>20,834,971</u>
4	Unit Demand Cost (Line 2 / Line 3)	<u>1.8815</u>
5	E = Experienced Net Undercollection to be Recovered (See Schedule 2 - DEMAND - NGS)	(7,637,465)
6	S = Projected Sales for the Computation Year (Exhibit 22)	<u>20,834,971</u>
7	Unit Demand E-Factor Rate (Line 5 / Line 6)	<u>(0.3666)</u>
8	Projected Sales Demand Cost per Mcf (Line 4 - Line 7)	<u><u>2.2481</u></u>

NATIONAL FUEL GAS DISTRIBUTION CORPORATION
 Pennsylvania Division
 Computation of Purchased Gas Demand Cost Per Mcf
 On and After August 1, 2025

Computation Year: Twelve Months Ended July 2026

<u>Line No.</u>	<u>Description</u>	
1	Purchased Gas Demand Costs = DC + S	
2	DC = Demand Cost of Gas - Distribution Charge (Exhibit 3)	9,739,044
3	Projected Sales for Computation Year (Exhibit 22)	20,834,971
4	Projected SATC Volumes for Computation Year	<u>1,793,197</u>
5	Total Volumes for Recovery of Demand Costs - Distribution Charge	22,628,168
6	Unit Demand Cost (Line 2 / Line 5)	<u>0.4304</u>
7	E = Experienced Net Undercollection to be Recovered (See Schedule 2 - DEMAND - DC)	(188,549)
8	Total Volumes for Recovery of Demand Costs - Distribution Charge	22,628,168
9	Unit Demand E-Factor Rate	<u>(0.0083)</u>
10	Projected Sales Demand Cost per Mcf (Line 6 - Line 9)	<u><u>0.4387</u></u>

NATIONAL FUEL GAS DISTRIBUTION CORPORATION
Pennsylvania Division
Recovery of Gas Costs Under 2025 1307(f)

	(1)	(2)	(3)	(4)
	Natural Gas Supply <u>Charge</u>	Gas Adjustment <u>Charge</u>	Distribution <u>Charge</u>	Total <u>Gas Costs</u>
	(\$)	(\$)	(\$)	(\$)
Projected Gas Costs				
Demand	1.8815	0.3666	0.4387	2.6868
Commodity	<u>3.2557</u>	<u>(0.1279)</u>	<u>0.0000</u>	<u>3.1278</u>
Total Projected Gas Costs	5.1372	0.2387	0.4387	5.8146
Current Gas Costs (11/24)	<u>4.4732</u>	<u>(0.6413)</u>	<u>0.3676</u>	<u>4.1995</u>
Increase / (Decrease)	<u>0.6640</u>	<u>0.8800</u>	<u>0.0711</u>	<u>1.6151</u>

NATIONAL FUEL GAS DISTRIBUTION CORPORATION
Pennsylvania Division
Statement Showing the Development of Experienced Net
Over / (Under) Collections

<u>Line No.</u>	<u>Description</u>	<u>Amount</u> \$
1	Estimated Undercollection of gas cost for the twelve month period	
2	August 2024 through July 2025 to be Recovered (Schedule 3)	(7,355,744)
3	Reconciliation of estimated Undercollection of gas cost for the	
4	twelve month period August 2023 through July 2024 (Schedule 7)	0
5	Reconciliation of Undercollection of gas cost balances for the	
6	twelve month period August 2022 through July 2023	
7	(Schedule 8, Sheet 1)	0
8	Estimated Undercollection of gas cost for the	
9	twelve month period August 2023 through July 2024	
10	to be Recovered for the twelve months ended July 2025 (Schedule 8, Sheet 2)	(283,149)
11	Reconciliation of refund balances for the twelve month period	0
12	August 2022 - July 2023 (Schedule 9, Sheet 1)	
13	Estimated balance of refunds / (surcharges) for the twelve month period	1,428
14	August 2023 - July 2024 (Schedule 9, Sheet 2)	
15	Refunds Received and included in PGC 2024 (Schedule 4)	<u>0</u>
16	Total Amount to be Recovered	<u><u>(7,637,465)</u></u>

NATIONAL FUEL GAS DISTRIBUTION CORPORATION
Pennsylvania Division
Statement Showing the Development of Experienced Net
Over / (Under) Collections

<u>Line No.</u>	<u>Description</u>	<u>Amount</u>
		\$
1	Estimated Undercollection of gas cost for the twelve month period	
2	August 2024 through July 2025 to be Recovered (Schedule 3)	(146,735)
3	Reconciliation of estimated Undercollection of gas cost for the	
4	twelve month period August 2023 through July 2024 (Schedule 7)	0
5	Reconciliation of estimated Undercollection of gas cost balances for the	
6	twelve month period August 2022 through July 2023	
7	for the twelve months ended July 2024 (Schedule 8, Sheet 1)	0
8	Estimated Undercollection of gas cost for the	
9	twelve month period August 2023 through July 2024	
10	to be Recovered for the twelve months ended July 2025 (Schedule 8, Sheet 2)	(47,920)
11	Reconciliation of refund balances for the twelve month period	
12	August 2022 - July 2023 (Schedule 9, Sheet 1)	0
13	Estimated balance of refunds/surcharges for the twelve month period	
14	August 2023 - July 2024 (Schedule 9, Sheet 2)	<u>6,106</u>
15	Total Amount to be Recovered	<u><u>(188,549)</u></u>

**NATIONAL FUEL GAS DISTRIBUTION CORPORATION
PENNSYLVANIA DIVISION
STATEMENT OF TOTAL OVER / (UNDER) COLLECTIONS
TWELVE MONTHS ENDED JULY 2025**

DEMAND - NGS

	<u>Sales</u> Mcf (1)	PGC <u>Rate</u> \$ / Mcf (2)	PGC <u>Revenue</u> \$ (3 = 1 x 2)	Cost of <u>Fuel</u> \$ (4)	Over / (Under) <u>Collections</u> \$ (5 = 3 - 4)	Interest <u>Rate</u> % (6)	Interest <u>Weight</u> (7)	Interest <u>Expense / (Income)</u> \$ (8 = 5 x 6 x 7)
August (2024)								
Demand			526,747					
Standby / Priority			26,443					
Standby Overruns			(797)					
NGV - Demand			7,427					
LBS - Demand			0					
Overdelivery / Upstream Cap. Surcharge			<u>97,873</u>					
			657,693	764,659	(106,967)	7.75%	18 / 12	(12,435)
September								
Demand			594,534					
Standby / Priority			29,069					
Standby Overruns			520					
NGV - Demand			11,096					
LBS - Demand			0					
Overdelivery / Upstream Cap. Surcharge			<u>90,791</u>					
			726,010	692,809	33,201	7.75%	17 / 12	3,645
October								
Demand			908,714					
Standby / Priority			35,294					
Standby Overruns			(313)					
NGV - Demand			8,629					
LBS - Demand			0					
Overdelivery / Upstream Cap. Surcharge			<u>95,370</u>					
			1,047,695	1,423,296	(375,602)	7.75%	16 / 12	(38,812)
November								
Demand			1,954,250					
Standby / Priority			60,741					
Standby Overruns			263					
NGV - Demand			9,509					
LBS - Demand			0					
Overdelivery / Upstream Cap. Surcharge			<u>94,087</u>					
			2,118,849	5,393,357	(3,274,508)	7.75%	15 / 12	(317,218)

PGC Exhibit 21
Schedule 3
Sheet 1
DEMAND - NG:
Prefiling revisor

**NATIONAL FUEL GAS DISTRIBUTION CORPORATION
PENNSYLVANIA DIVISION
STATEMENT OF TOTAL OVER / (UNDER) COLLECTIONS
TWELVE MONTHS ENDED JULY 2025**

DEMAND - NGS

	<u>Sales</u> Mcf (1)	<u>PGC</u> <u>Rate</u> \$ / Mcf (2)	<u>PGC</u> <u>Revenue</u> \$ (3 = 1 x 2)	<u>Cost of</u> <u>Fuel</u> \$ (4)	<u>Over / (Under)</u> <u>Collections</u> \$ (5 = 3 - 4)	<u>Interest</u> <u>Rate</u> % (6)	<u>Interest</u> <u>Weight</u> (7)	<u>Interest</u> <u>Expense / (Income)</u> \$ (8 = 5 x 6 x 7)
December								
Demand	<u>2,820,784</u>	1.7376	<u>4,901,394</u>	6,921,538	(2,020,144)	7.75%	14 / 12	(182,655)
	2,820,784		4,901,394					
January (2025)								
Demand	<u>3,674,039</u>	1.7376	<u>6,384,009</u>	8,558,622	(2,174,613)	7.75%	13 / 12	(182,577)
	3,674,039		6,384,009					
February								
Demand	<u>3,623,246</u>	1.7376	<u>6,295,753</u>	7,248,246	(952,492)	7.75%	12 / 12	(73,818)
	3,623,246		6,295,753					
March								
Demand	<u>3,138,511</u>	1.7376	<u>5,453,476</u>	5,889,573	(436,097)	7.75%	11 / 12	(30,981)
	3,138,511		5,453,476					

PGC Exhibit 21
Schedule 3
Sheet 2
DEMAND - NGS
Prifiling revision

**NATIONAL FUEL GAS DISTRIBUTION CORPORATION
PENNSYLVANIA DIVISION
STATEMENT OF TOTAL OVER / (UNDER) COLLECTIONS
TWELVE MONTHS ENDED JULY 2025**

DEMAND - NGS

	<u>Sales</u>	<u>PGC</u>	<u>PGC</u>	<u>Cost of</u>	<u>Over / (Under)</u>	<u>Interest</u>	<u>Interest</u>	<u>Interest</u>
	<u>Mcf</u>	<u>Rate</u>	<u>Revenue</u>	<u>Fuel</u>	<u>Collections</u>	<u>Rate</u>	<u>Weight</u>	<u>Expense / (Income)</u>
	(1)	\$ / Mcf (2)	\$ (3 = 1 x 2)	\$ (4)	\$ (5 = 3 - 4)	% (6)	(7)	\$ (8 = 5 x 6 x 7)
April								
Demand	<u>2,305,097</u>	1.7376	<u>4,005,337</u>					
	2,305,097		4,005,337	3,092,159	913,178	7.75%	10 / 12	58,976
May								
Demand	<u>1,407,621</u>	1.7376	<u>2,445,882</u>					
	1,407,621		2,445,882	829,510	1,616,372	7.75%	9 / 12	93,952
June								
Demand	<u>583,423</u>	1.7376	<u>1,013,756</u>					
	583,423		1,013,756	522,932	490,824	7.75%	8 / 12	25,359
July								
Demand	<u>286,570</u>	1.7376	<u>497,945</u>					
	286,570		497,945	892,443	(394,498)	7.75%	7 / 12	(17,835)
Total								
	17,839,292		35,547,799	42,229,146	(6,681,346)			(674,398)

PGC Exhibit 21
Schedule 3
Sheet 3
DEMAND - NGS
Preliminary revision

**NATIONAL FUEL GAS DISTRIBUTION CORPORATION
PENNSYLVANIA DIVISION
STATEMENT OF TOTAL OVER / (UNDER) COLLECTIONS
TWELVE MONTHS ENDED JULY 2025**

DEMAND - DC

	<u>Sales</u> Mcf (1)	PGC <u>Rate</u> \$ / Mcf (2)	PGC <u>Revenue</u> \$ (3 = 1 x 2)	Cost of <u>Fuel</u> \$ (4)	Over / (Under) <u>Collections</u> \$ (5 = 3 - 4)	Interest <u>Rate</u> % (6)	Interest <u>Weight</u> (7)	Interest <u>Expense / (Income)</u> \$ (8 = 5 x 6 x 7)
August (2024)								
Distribution Charge			106,598					
SATC			11,069					
			117,667	682,005	(564,338)	7.75%	18 / 12	(65,604)
September								
Distribution Charge			123,614					
SATC			12,557					
			136,171	682,005	(545,834)	7.75%	17 / 12	(59,928)
October								
Distribution Charge			188,445					
SATC			18,661					
			207,106	682,005	(474,899)	7.75%	16 / 12	(49,073)
November								
Distribution Charge			396,788					
SATC			39,672					
			436,459	682,005	(245,546)	7.75%	15 / 12	(23,787)
December								
Distribution Charge	2,820,784	0.3676	1,037,026					
SATC	246,496	0.3676	90,621					
	3,067,280		1,127,647	681,148	446,499	7.75%	14 / 12	40,371
January (2025)								
Distribution Charge	3,674,039	0.3676	1,350,715					
SATC	332,858	0.3676	122,371					
	4,006,897		1,473,086	681,148	791,938	7.75%	13 / 12	66,490

**NATIONAL FUEL GAS DISTRIBUTION CORPORATION
PENNSYLVANIA DIVISION
STATEMENT OF TOTAL OVER / (UNDER) COLLECTIONS
TWELVE MONTHS ENDED JULY 2025**

DEMAND - DC

	<u>Sales</u> Mcf (1)	<u>PGC</u> <u>Rate</u> \$ / Mcf (2)	<u>PGC</u> <u>Revenue</u> \$ (3 = 1 x 2)	<u>Cost of</u> <u>Fuel</u> \$ (4)	<u>Over / (Under)</u> <u>Collections</u> \$ (5 = 3 - 4)	<u>Interest</u> <u>Rate</u> % (6)	<u>Interest</u> <u>Weight</u> (7)	<u>Interest</u> <u>Expense / (Income)</u> \$ (8 = 5 x 6 x 7)
February								
Distribution Charge	3,623,246	0.3676	1,332,042					
SATC	337,716	0.3676	124,157					
	<u>3,960,963</u>		<u>1,456,199</u>	681,148	775,051	7.75%	12 / 12	60,066
March								
Distribution Charge	3,138,511	0.3676	1,153,835					
SATC	297,537	0.3676	109,386					
	<u>3,436,048</u>		<u>1,263,221</u>	681,148	582,073	7.75%	11 / 12	41,351
April								
Distribution Charge	2,305,097	0.3676	847,441					
SATC	220,671	0.3676	81,127					
	<u>2,525,768</u>		<u>928,568</u>	681,148	247,420	7.75%	10 / 12	15,979
May								
Distribution Charge	1,407,621	0.3676	517,495					
SATC	131,727	0.3676	48,428					
	<u>1,539,348</u>		<u>565,923</u>	681,148	(115,225)	7.75%	9 / 12	(6,697)
June								
Distribution Charge	583,423	0.3676	214,488					
SATC	52,227	0.3676	19,201					
	<u>635,650</u>		<u>233,689</u>	681,148	(447,459)	7.75%	8 / 12	(23,119)
July								
Distribution Charge	286,570	0.3676	105,354					
SATC	24,358	0.3676	8,955					
	<u>310,929</u>		<u>114,309</u>	681,148	(566,839)	7.75%	7 / 12	(25,626)
Total	19,482,882		8,060,046	8,177,204	(117,158)			(29,577)

PGC Exhibit 21
Schedule 3
Sheet 2
DEMAND - DC
Prefiling revisor

NATIONAL FUEL GAS DISTRIBUTION CORPORATION
Pennsylvania Division

Refunds From and Payments to Gas Suppliers

	<u>Refund From</u>	<u>Date Received</u>	<u>Refund Amount</u> \$	<u>INTEREST</u>			<u>Total Refund Plus Interest</u> \$
				<u>Rate</u>	<u>Weight</u>	<u>Amount</u> \$	
A.				0.00%	0 / 12	0	0
B.				0.00%	0 / 12	0	0
	TOTAL		<u>0</u>			<u>0</u>	<u>0</u>

NATIONAL FUEL GAS DISTRIBUTION CORPORATION
Pennsylvania Division
Statement Showing the Development of Experienced Net
Over / (Under) Collections

<u>Line No.</u>	<u>Description</u>	<u>Amount</u> \$
1	Estimated Overcollection of gas cost for the twelve month period	
2	August 2024 through July 2025 to be Refunded (Schedule 6)	1,213,709
3	Reconciliation of estimated Overcollection of gas cost for the	
4	twelve month period August 2023 through July 2024 (Schedule 7)	0
5	Reconciliation of Overcollection of gas cost for the	
6	twelve month period August 2022 through July 2023	
7	(Schedule 8, Sheet 1)	0
8	Reconciliation of estimated Overcollection of gas cost for the	
9	twelve month period August 2022 through July 2023	
10	to be Refunded for the twelve months ended July 2024 (Schedule 8, Sheet 2)	1,077,711
11	Reconciliation of refunds for the twelve month period	
12	August 2022 - July 2023 (Schedule 9, Sheet 1)	0
13	Estimated balance of refunds for the twelve month period	
14	August 2023 - July 2024 (Schedule 9, Sheet 2)	0
15	Refunds Received and included in PGC 2025 (Schedule 10)	0
16	Reconciliation of C-Factor Storage Interest Expense / (Income) originating in	
17	PGC 2023 for the twelve months ended July 2023 (Schedule 11, Sheet 1)	(1)
18	Actual C-Factor Storage Interest Expense / (Income) originating in	
19	PGC 2024 for the twelve months ended July 2024 (Schedule 11, Sheet 2)	(8,305)
20	Reconciliation of Storage Interest refund balance for the period August 2023 - July 2024	
21	(recovered)/passed back August 2024 - July 2025 (Schedule 11, Sheet 3)	(14,467)
22	Estimated C-Factor Interest Expense / (Income) originating in PGC 2024	
23	for the 12 month period ended July 2024 (Schedule 11, Sheet 4)	<u>396,334</u>
24	Total Amount to be Refunded	<u><u>2,664,981</u></u>

**NATIONAL FUEL GAS DISTRIBUTION CORPORATION
PENNSYLVANIA DIVISION
STATEMENT OF TOTAL OVER / (UNDER) COLLECTIONS
TWELVE MONTHS ENDED JULY 2025**

COMMODITY

	<u>Sales</u> Mcf (1)	PGC <u>Rate</u> \$ / Mcf (2)	PGC <u>Revenue</u> \$ (3 = 1 x 2)	Cost of <u>Fuel</u> \$ (4)	Over / (Under) <u>Collections</u> \$ (5 = 3 - 4)	Interest <u>Rate</u> % (6)	Interest <u>Weight</u> (7)	Interest <u>Expense / (Income)</u> \$ (8 = 5 x 6 x 7)
August (2024)								
Commodity			745,559					
Storage Inventory Recovery			15,581					
Reimbursement of NFGSC Transfer Fee			35					
Market Rate Differential			0					
City Gate Imbalance			0					
Sales Cashout			715					
OFO Penalty			0					
			761,891	5,347	756,543	7.75%	18 / 12	87,948
September								
Commodity			1,016,419					
Storage Inventory Recovery			9,549					
Reimbursement of NFGSC Transfer Fee			27					
Market Rate Differential			0					
City Gate Imbalance			60					
Sales Cashout			12,737					
OFO Penalty			0					
			1,038,791	(130,019)	1,168,810	7.75%	17 / 12	128,326
October								
Commodity			1,512,673					
Storage Inventory Recovery			49,725					
Reimbursement of NFGSC Transfer Fee			54					
Market Rate Differential			0					
City Gate Imbalance			424					
Sales Cashout			2,435					
OFO Penalty			0					
			1,565,311	885,131	680,180	7.75%	16 / 12	70,285
November								
Commodity			3,172,769					
Storage Inventory Recovery			37,326					
Reimbursement of NFGSC Transfer Fee			27					
Market Rate Differential			0					
City Gate Imbalance			868					
Sales Cashout			36,847					
OFO Penalty			0					
			3,247,838	4,934,461	(1,686,623)	7.75%	15 / 12	(163,392)

**NATIONAL FUEL GAS DISTRIBUTION CORPORATION
PENNSYLVANIA DIVISION
STATEMENT OF TOTAL OVER / (UNDER) COLLECTIONS
TWELVE MONTHS ENDED JULY 2025**

COMMODITY

	<u>Sales</u>	<u>PGC</u>	<u>PGC</u>	<u>Cost of</u>	<u>Over / (Under)</u>	<u>Interest</u>	<u>Interest</u>	<u>Interest</u>
	<u>Mcf</u>	<u>Rate</u>	<u>Revenue</u>	<u>Fuel</u>	<u>Collections</u>	<u>Rate</u>	<u>Weight</u>	<u>Expense / (Income)</u>
	(1)	(2)	(3 = 1 x 2)	(4)	(5 = 3 - 4)	(6)	(7)	(8 = 5 x 6 x 7)
December								
Commodity	<u>2,820,784</u>	2.7450	<u>7,743,051</u>					
	2,820,784		7,743,051	9,275,751	(1,532,700)	7.75%	14 / 12	(138,582)
January (2025)								
Commodity	<u>3,674,039</u>	2.7450	<u>10,085,236</u>					
	3,674,039		10,085,236	12,033,858	(1,948,622)	7.75%	13 / 12	(163,603)
February								
Commodity	<u>3,623,246</u>	2.7450	<u>9,945,812</u>					
	3,623,246		9,945,812	10,154,075	(208,263)	7.75%	12 / 12	(16,140)
March								
Commodity	<u>3,138,511</u>	2.7450	<u>8,615,212</u>					
	3,138,511		8,615,212	8,417,245	197,967	7.75%	11 / 12	14,064

PGC Exhibit 21
Schedule 6
Sheet 2
COMMODITY
Prefiling revision

**NATIONAL FUEL GAS DISTRIBUTION CORPORATION
PENNSYLVANIA DIVISION
STATEMENT OF TOTAL OVER / (UNDER) COLLECTIONS
TWELVE MONTHS ENDED JULY 2025**

COMMODITY

		<u>Sales</u>	<u>PGC</u>	<u>PGC</u>	<u>Cost of</u>	<u>Over / (Under)</u>	<u>Interest</u>	<u>Interest</u>	<u>Interest</u>
		<u>Mcf</u>	<u>Rate</u>	<u>Revenue</u>	<u>Fuel</u>	<u>Collections</u>	<u>Rate</u>	<u>Weight</u>	<u>Expense / (Income)</u>
		(1)	(2)	(3 = 1 x 2)	(4)	(5 = 3 - 4)	(6)	(7)	(8 = 5 x 6 x 7)
April	Commodity	<u>2,305,097</u> 2,305,097	2.7450	<u>6,327,493</u> 6,327,493	4,644,597	1,682,896	7.75%	10 / 12	108,687
May	Commodity	<u>1,407,621</u> 1,407,621	2.7450	<u>3,863,920</u> 3,863,920	1,955,948	1,907,972	7.75%	9 / 12	110,901
June	Commodity	<u>583,423</u> 583,423	2.7450	<u>1,601,497</u> 1,601,497	1,102,775	498,722	7.75%	8 / 12	25,767
July	Commodity	<u>286,570</u> 286,570	2.7450	<u>786,636</u> 786,636	1,138,179	(351,543)	7.75%	7 / 12	(15,893)
	Total	17,839,292		55,582,687	54,417,347	1,165,340			48,369

PGC Exhibit 21
Schedule 6
Sheet 3
COMMODITY
Preliminary revision

NATIONAL FUEL GAS DISTRIBUTION CORPORATION
Pennsylvania Division
Reconciliation of Interest on Over / (Under) Collections
Twelve Months Ended July 2024

	<u>Amount</u>
	\$
Estimated Overcollection of gas cost for the twelve month period August 2023 through July 2024 calculated in PGC 2024 (Schedule 7, Sheets 2 - 4)	11,652,486
Net Interest Expense (Income) to be refunded (Schedule 7, Sheets 2 - 4)	<u>1,028,336</u>
Total Estimate For the Twelve Months Ended July 2024	<u>12,680,822</u>
Actual Overcollection of gas cost for the twelve month period August 2023 through July 2024 (Schedule 7, Sheets 5 - 7)	11,652,486
Net Interest Expense (Income) to be refunded (Schedule 7, Pages 5 - 7)	<u>1,028,336</u>
Total Actual For the Twelve Months Ended July 2024	<u>12,680,822</u>
Amount to be Refunded	<u><u>0</u></u>

**NATIONAL FUEL GAS DISTRIBUTION CORPORATION
PENNSYLVANIA DIVISION
STATEMENT OF TOTAL OVER / (UNDER) COLLECTIONS
TWELVE MONTHS ENDED JULY 2024 (ESTIMATE)**

COMMODITY

	<u>Sales</u> Mcf (1)	<u>PGC Rate</u> \$ / Mcf (2)	<u>PGC Revenue</u> \$ (3 = 1 x 2)	<u>Cost of Fuel</u> \$ (4)	<u>Over / (Under) Collections</u> \$ (5 = 3 - 4)	<u>Interest Rate</u> % (6)	<u>Interest Weight</u> (7)	<u>Interest Expense / (Income)</u> \$ (8 = 5 x 6 x 7)
August (2023)								
Commodity			1,029,459					
Storage Inventory Recovery			16,169					
Reimbursement of NFGSC Transfer Fee			39					
Market Rate Differential			0					
City Gate Imbalance			0					
Sales Cashout			0					
OFO Penalty			0					
			1,045,666	(1,261,058)	2,306,725	8.50%	18 / 12	294,107
September								
Commodity			965,735					
Storage Inventory Recovery			17,162					
Reimbursement of NFGSC Transfer Fee			35					
Market Rate Differential			0					
City Gate Imbalance			7					
Sales Cashout			105					
OFO Penalty			0					
			983,045	(1,253,936)	2,236,980	8.50%	17 / 12	269,370
October								
Commodity			1,646,045					
Storage Inventory Recovery			25,587					
Reimbursement of NFGSC Transfer Fee			42					
Market Rate Differential			0					
City Gate Imbalance			408					
Sales Cashout			9,558					
OFO Penalty			0					
			1,681,641	442,786	1,238,856	8.50%	16 / 12	140,404
November								
Commodity			3,807,228					
Storage Inventory Recovery			25,415					
Reimbursement of NFGSC Transfer Fee			35					
Market Rate Differential			0					
City Gate Imbalance			10,148					
Sales Cashout			13,653					
OFO Penalty			0					
			3,856,479	5,136,800	(1,280,321)	8.50%	15 / 12	(136,034)

**NATIONAL FUEL GAS DISTRIBUTION CORPORATION
PENNSYLVANIA DIVISION
STATEMENT OF TOTAL OVER / (UNDER) COLLECTIONS
TWELVE MONTHS ENDED JULY 2024 (ESTIMATE)**

COMMODITY

	<u>Sales</u> Mcf (1)	<u>PGC</u> <u>Rate</u> \$ / Mcf (2)	<u>PGC</u> <u>Revenue</u> \$ (3 = 1 x 2)	<u>Cost of</u> <u>Fuel</u> \$ (4)	<u>Over / (Under)</u> <u>Collections</u> \$ (5 = 3 - 4)	<u>Interest</u> <u>Rate</u> % (6)	<u>Interest</u> <u>Weight</u> (7)	<u>Interest</u> <u>Expense / (Income)</u> \$ (8 = 5 x 6 x 7)
December								
Commodity			7,004,580					
Storage Inventory Recovery			14,850					
Reimbursement of NFGSC Transfer Fee			31					
Market Rate Differential			0					
City Gate Imbalance			5,394					
Sales Cashout			47,611					
OFO Penalty			0					
			7,072,466	7,259,767	(187,301)	8.50%	14 / 12	(18,574)
January (2024)								
Commodity			8,814,448					
Storage Inventory Recovery			10,027					
Reimbursement of NFGSC Transfer Fee			27					
Market Rate Differential			0					
City Gate Imbalance			11					
Sales Cashout			1,086					
OFO Penalty			0					
			8,825,598	11,333,527	(2,507,929)	8.50%	13 / 12	(230,938)
February								
Commodity			8,190,942					
Storage Inventory Recovery			5,425					
Reimbursement of NFGSC Transfer Fee			39					
Market Rate Differential			0					
City Gate Imbalance			370					
Sales Cashout			162,492					
OFO Penalty			0					
			8,359,267	7,328,431	1,030,835	8.50%	12 / 12	87,621
March								
Commodity			5,754,745					
Storage Inventory Recovery			4,094					
Reimbursement of NFGSC Transfer Fee			0					
Market Rate Differential			0					
City Gate Imbalance			994					
Sales Cashout			25,216					
OFO Penalty			0					
			5,785,050	4,850,187	934,862	8.50%	11 / 12	72,841

**NATIONAL FUEL GAS DISTRIBUTION CORPORATION
PENNSYLVANIA DIVISION
STATEMENT OF TOTAL OVER / (UNDER) COLLECTIONS
TWELVE MONTHS ENDED JULY 2024 (ESTIMATE)**

COMMODITY

	<u>Sales</u> Mcf (1)	PGC <u>Rate</u> \$ / Mcf (2)	PGC <u>Revenue</u> \$ (3 = 1 x 2)	Cost of <u>Fuel</u> \$ (4)	Over / (Under) <u>Collections</u> \$ (5 = 3 - 4)	Interest <u>Rate</u> % (6)	Interest <u>Weight</u> (7)	Interest <u>Expense / (Income)</u> \$ (8 = 5 x 6 x 7)
April								
Commodity			5,185,679					
Storage Inventory Recovery			0					
Reimbursement of NFGSC Transfer Fee			0					
Market Rate Differential			0					
City Gate Imbalance			74					
Sales Cashout			5,742					
OFO Penalty			0					
			5,191,494	(786,996)	5,978,490	8.50%	10 / 12	423,476
May								
Commodity			2,216,469					
Storage Inventory Recovery			4,694					
Reimbursement of NFGSC Transfer Fee			31					
Market Rate Differential			0					
City Gate Imbalance			201					
Sales Cashout			6,057					
OFO Penalty			0					
			2,227,452	264,536	1,962,916	8.50%	9 / 12	125,136
June								
Commodity			1,007,012					
Storage Inventory Recovery			11,786					
Reimbursement of NFGSC Transfer Fee			39					
Market Rate Differential			0					
City Gate Imbalance			247					
Sales Cashout			13,485					
OFO Penalty			0					
			1,032,568	470,265	562,303	8.50%	8 / 12	31,864
July								
Commodity			675,022					
Storage Inventory Recovery			28,891					
Reimbursement of NFGSC Transfer Fee			58					
Market Rate Differential			0					
City Gate Imbalance			0					
Sales Cashout			491					
OFO Penalty			0					
			704,461	1,328,392	(623,931)	8.50%	7 / 12	(30,937)
Total			46,765,186	35,112,700	11,652,486			1,028,336

**NATIONAL FUEL GAS DISTRIBUTION CORPORATION
PENNSYLVANIA DIVISION
STATEMENT OF TOTAL OVER / (UNDER) COLLECTIONS
TWELVE MONTHS ENDED JULY 2024 (ACTUAL)**

COMMODITY

	<u>Sales</u> Mcf (1)	<u>PGC Rate</u> \$ / Mcf (2)	<u>PGC Revenue</u> \$ (3 = 1 x 2)	<u>Cost of Fuel</u> \$ (4)	<u>Over / (Under) Collections</u> \$ (5 = 3 - 4)	<u>Interest Rate</u> % (6)	<u>Interest Weight</u> (7)	<u>Interest Expense / (Income)</u> \$ (8 = 5 x 6 x 7)
August (2023)								
Commodity			1,029,459					
Storage Inventory Recovery			16,169					
Reimbursement of NFGSC Transfer Fee			39					
Market Rate Differential			0					
City Gate Imbalance			0					
Sales Cashout			0					
OFO Penalty			0					
			<u>1,045,666</u>	(1,261,058)	2,306,725	8.50%	18 / 12	294,107
September								
Commodity			965,735					
Storage Inventory Recovery			17,162					
Reimbursement of NFGSC Transfer Fee			35					
Market Rate Differential			0					
City Gate Imbalance			7					
Sales Cashout			105					
OFO Penalty			0					
			<u>983,045</u>	(1,253,936)	2,236,980	8.50%	17 / 12	269,370
October								
Commodity			1,646,045					
Storage Inventory Recovery			25,587					
Reimbursement of NFGSC Transfer Fee			42					
Market Rate Differential			0					
City Gate Imbalance			408					
Sales Cashout			9,558					
OFO Penalty			0					
			<u>1,681,641</u>	442,786	1,238,856	8.50%	16 / 12	140,404
November								
Commodity			3,807,228					
Storage Inventory Recovery			25,415					
Reimbursement of NFGSC Transfer Fee			35					
Market Rate Differential			0					
City Gate Imbalance			10,148					
Sales Cashout			13,653					
OFO Penalty			0					
			<u>3,856,479</u>	5,136,800	(1,280,321)	8.50%	15 / 12	(136,034)

PGC Exhibit 21
Schedule 7
Sheet 5 of 7
COMMODITY
Prefiling revision

**NATIONAL FUEL GAS DISTRIBUTION CORPORATION
PENNSYLVANIA DIVISION
STATEMENT OF TOTAL OVER / (UNDER) COLLECTIONS
TWELVE MONTHS ENDED JULY 2024 (ACTUAL)**

COMMODITY

	<u>Sales</u> Mcf (1)	PGC <u>Rate</u> \$ / Mcf (2)	PGC <u>Revenue</u> \$ (3 = 1 x 2)	Cost of <u>Fuel</u> \$ (4)	Over / (Under) <u>Collections</u> \$ (5 = 3 - 4)	Interest <u>Rate</u> % (6)	Interest <u>Weight</u> (7)	Interest <u>Expense / (Income)</u> \$ (8 = 5 x 6 x 7)
December								
Commodity			7,004,580					
Storage Inventory Recovery			14,850					
Reimbursement of NFGSC Transfer Fee			31					
Market Rate Differential			0					
City Gate Imbalance			5,394					
Sales Cashout			47,611					
OFO Penalty			0					
			7,072,466	7,259,767	(187,301)	8.50%	14 / 12	(18,574)
January (2024)								
Commodity			8,814,448					
Storage Inventory Recovery			10,027					
Reimbursement of NFGSC Transfer Fee			27					
Market Rate Differential			0					
City Gate Imbalance			11					
Sales Cashout			1,086					
OFO Penalty			0					
			8,825,598	11,333,527	(2,507,929)	8.50%	13 / 12	(230,938)
February								
Commodity			8,190,942					
Storage Inventory Recovery			5,425					
Reimbursement of NFGSC Transfer Fee			39					
Market Rate Differential			0					
City Gate Imbalance			370					
Sales Cashout			162,492					
OFO Penalty			0					
			8,359,267	7,328,431	1,030,835	8.50%	12 / 12	87,621
March								
Commodity			5,754,745					
Storage Inventory Recovery			4,094					
Reimbursement of NFGSC Transfer Fee			0					
Market Rate Differential			0					
City Gate Imbalance			994					
Sales Cashout			25,216					
OFO Penalty			0					
			5,785,050	4,850,187	934,862	8.50%	11 / 12	72,841

PGC Exhibit 21
Schedule 7
Sheet 6 of 7
COMMODITY
Preliminary revision

**NATIONAL FUEL GAS DISTRIBUTION CORPORATION
PENNSYLVANIA DIVISION
STATEMENT OF TOTAL OVER / (UNDER) COLLECTIONS
TWELVE MONTHS ENDED JULY 2024 (ACTUAL)**

COMMODITY

	<u>Sales</u> Mcf (1)	<u>PGC Rate</u> \$ / Mcf (2)	<u>PGC Revenue</u> \$ (3 = 1 x 2)	<u>Cost of Fuel</u> \$ (4)	<u>Over / (Under) Collections</u> \$ (5 = 3 - 4)	<u>Interest Rate</u> % (6)	<u>Interest Weight</u> (7)	<u>Interest Expense / (Income)</u> \$ (8 = 5 x 6 x 7)
April								
Commodity			5,185,679					
Storage Inventory Recovery			0					
Reimbursement of NFGSC Transfer Fee			0					
Market Rate Differential			0					
City Gate Imbalance			74					
Sales Cashout			5,742					
OFO Penalty			0					
			5,191,494	(786,996)	5,978,490	8.50%	10 / 12	423,476
May								
Commodity			2,216,469					
Storage Inventory Recovery			4,694					
Reimbursement of NFGSC Transfer Fee			31					
Market Rate Differential			0					
City Gate Imbalance			201					
Sales Cashout			6,057					
OFO Penalty			0					
			2,227,452	264,536	1,962,916	8.50%	9 / 12	125,136
June								
Commodity			1,007,012					
Storage Inventory Recovery			11,786					
Reimbursement of NFGSC Transfer Fee			39					
Market Rate Differential			0					
City Gate Imbalance			247					
Sales Cashout			13,485					
OFO Penalty			0					
			1,032,568	470,265	562,303	8.50%	8 / 12	31,864
July								
Commodity			675,022					
Storage Inventory Recovery			28,891					
Reimbursement of NFGSC Transfer Fee			58					
Market Rate Differential			0					
City Gate Imbalance			0					
Sales cashout			491					
OFO Penalty			0					
			704,461	1,328,392	(623,931)	8.50%	7 / 12	(30,937)
Total			46,765,186	35,112,700	11,652,486			1,028,336

NATIONAL FUEL GAS DISTRIBUTION CORPORATION
Pennsylvania Division
Reconciliation of Interest on Over / (Under) Collections
Twelve Months Ended July 2024

	<u>Amount</u>
	\$
Estimated Undercollection of gas cost for the twelve month period August 2023 through July 2024 calculated in PGC-2024 (Schedule 7, Sheets 2 - 4)	(2,365,338)
Net Interest Expense (Income) to be collected (Schedule 7, Sheets 2 - 4)	<u>(280,342)</u>
Total Estimate For the Twelve Months Ended July 2024	<u>(2,645,680)</u>
Actual Undercollection of gas cost for the twelve month period August 2023 through July 2024 (Schedule 7, Sheets 5 - 7)	(2,365,337)
Net Interest Expense (Income) to be collected (Schedule 7, Sheets 5 - 7)	<u>(280,342)</u>
Total Actual For the Twelve Months Ended July 2024	<u>(2,645,678)</u>
Amount to be Refunded	<u><u>0</u></u>

**NATIONAL FUEL GAS DISTRIBUTION CORPORATION
PENNSYLVANIA DIVISION
STATEMENT OF TOTAL OVER / (UNDER) COLLECTIONS
TWELVE MONTHS ENDED JULY 2024 (ESTIMATE)**

DEMAND - NGS

	<u>Sales</u> Mcf (1)	PGC <u>Rate</u> \$ / Mcf (2)	PGC <u>Revenue</u> \$ (3 = 1 x 2)	Cost of <u>Fuel</u> \$ (4)	Over / (Under) <u>Collections</u> \$ (5 = 3 - 4)	Interest <u>Rate</u> % (6)	Interest <u>Weight</u> (7)	Interest <u>Expense / (Income)</u> \$ (8 = 5 x 6 x 7)
August (2023)								
Demand			404,702					
Standby / Priority			24,216					
Standby Overruns			391					
NGV - Demand			7,121					
LBS - Demand			0					
Overdelivery / Upstream Cap. Surcharge			<u>88,622</u>					
			525,052	713,742	(188,691)	8.50%	18 / 12	(24,058)
September								
Demand			488,557					
Standby / Priority			27,647					
Standby Overruns			684					
NGV - Demand			7,587					
LBS - Demand			0					
Overdelivery / Upstream Cap. Surcharge			<u>82,896</u>					
			607,370	303,844	303,526	8.50%	17 / 12	36,550
October								
Demand			810,447					
Standby / Priority			33,313					
Standby Overruns			2					
NGV - Demand			12,759					
LBS - Demand			0					
Overdelivery / Upstream Cap. Surcharge			<u>83,388</u>					
			939,909	16,878	923,031	8.50%	16 / 12	104,610
November								
Demand			2,215,172					
Standby / Priority			63,466					
Standby Overruns			8,269					
NGV - Demand			1,214					
LBS - Demand			0					
Overdelivery / Upstream Cap. Surcharge			<u>93,690</u>					
			2,381,811	4,839,367	(2,457,556)	8.50%	15 / 12	(261,115)

PGC Exhibit 21
Schedule 7
Sheet 2 of 7
DEMAND - NGS
Perfiling revision

**NATIONAL FUEL GAS DISTRIBUTION CORPORATION
PENNSYLVANIA DIVISION
STATEMENT OF TOTAL OVER / (UNDER) COLLECTIONS
TWELVE MONTHS ENDED JULY 2024 (ESTIMATE)**

DEMAND - NGS

	<u>Sales</u> Mcf (1)	PGC <u>Rate</u> \$/ Mcf (2)	PGC <u>Revenue</u> \$ (3 = 1 x 2)	Cost of <u>Fuel</u> \$ (4)	Over / (Under) <u>Collections</u> \$ (5 = 3 - 4)	Interest <u>Rate</u> % (6)	Interest <u>Weight</u> (7)	Interest <u>Expense / (Income)</u> \$ (8 = 5 x 6 x 7)
December								
Demand			4,663,119					
Standby / Priority			100,784					
Standby Overruns			17,523					
NGV - Demand			9,313					
LBS - Demand			0					
Overdelivery / Upstream Cap. Surcharge			<u>103,432</u>					
			4,894,172	5,165,326.12	(271,154.52)	8.50%	14 / 12	(26,889)
January (2024)								
			5,856,620					
Standby/Priority			114,908					
Standby Overruns			(14,463)					
NGV - Demand			12,151					
LBS - Demand			0					
Overdelivery/Upstream Cap. Surcharge			<u>97,011</u>					
			6,066,226	7,893,409	(1,827,183)	8.50%	13 / 12	(168,253)
February								
Natural Gas Supply Charge			5,947,872					
Standby / Priority			143,278					
Standby Overruns			459					
NGV - Demand			6,482					
LBS - Demand			0					
Overdelivery / Upstream Cap. Surcharge			<u>120,197</u>					
			6,218,289	6,906,673	(688,384)	8.50%	12 / 12	(58,513)
March								
Natural Gas Supply Charge			4,733,696					
Standby / Priority			141,603					
Standby Overruns			248					
NGV - Demand			9,296					
LBS - Demand			0					
Overdelivery / Upstream Cap. Surcharge			<u>99,995</u>					
			4,984,839	6,120,578	(1,135,739)	8.50%	11 / 12	(88,493)

PGC Exhibit 21
Schedule 7
Sheet 3 of 7
DEMAND - NGS
Preliminary revision

**NATIONAL FUEL GAS DISTRIBUTION CORPORATION
PENNSYLVANIA DIVISION
STATEMENT OF TOTAL OVER / (UNDER) COLLECTIONS
TWELVE MONTHS ENDED JULY 2024 (ESTIMATE)**

DEMAND - NGS

	<u>Sales</u> Mcf (1)	PGC Rate \$/ Mcf (2)	PGC Revenue \$ (3 = 1 x 2)	Cost of Fuel \$ (4)	Over / (Under) Collections \$ (5 = 3 - 4)	Interest Rate % (6)	Interest Weight (7)	Interest Expense / (Income) \$ (8 = 5 x 6 x 7)
April								
Natural Gas Supply Charge			4,255,965					
Standby / Priority			130,599					
Standby Overruns			(423)					
NGV - Demand			9,335					
LBS - Demand			0					
Overdelivery / Upstream Cap. Surcharge			108,457					
			4,503,933	2,560,752	1,943,181	8.50%	10 / 12	137,642
May								
Natural Gas Supply Charge			1,858,602					
Standby / Priority			79,219					
Standby Overruns			2,245					
NGV - Demand			9,571					
LBS - Demand			0					
Overdelivery / Upstream Cap. Surcharge			105,699					
			2,055,336	923,963	1,131,374	8.50%	9 / 12	72,125
June								
Natural Gas Supply Charge			891,867					
Standby / Priority			45,783					
Standby Overruns			162					
NGV - Demand			8,652					
LBS - Demand			0					
Overdelivery / Upstream Cap. Surcharge			129,359					
			1,075,824	948,828	126,996	8.50%	8 / 12	7,196
July								
Natural Gas Supply Charge			594,908					
Standby / Priority			24,813					
Standby Overruns			839					
NGV - Demand			9,275					
LBS - Demand			0					
Overdelivery / Upstream Cap. Surcharge			66,745					
			696,579	921,318	(224,739)	8.50%	7 / 12	(11,143)
Total			34,949,340	37,314,679	(2,365,338)			(280,342)

**NATIONAL FUEL GAS DISTRIBUTION CORPORATION
PENNSYLVANIA DIVISION
STATEMENT OF TOTAL OVER / (UNDER) COLLECTIONS
TWELVE MONTHS ENDED JULY 2024 (ACTUAL)**

DEMAND - NGS

	<u>Sales</u> Mcf (1)	PGC <u>Rate</u> \$ / Mcf (2)	PGC <u>Revenue</u> \$ (3 = 1 x 2)	Cost of <u>Fuel</u> \$ (4)	Over / (Under) <u>Collections</u> \$ (5 = 3 - 4)	Interest <u>Rate</u> % (6)	Interest <u>Weight</u> (7)	Interest <u>Expense / (Income)</u> \$ (8 = 5 x 6 x 7)
August (2023)								
Natural Gas Supply Charge			404,702					
Standby / Priority			24,216					
Standby Overruns			391					
NGV - Demand			7,121					
LBS - Demand			0					
Overdelivery / Upstream Cap. Surcharge			<u>88,622</u>					
			525,052	713,742	(188,691)	8.50%	18 / 12	(24,058)
September								
Natural Gas Supply Charge			488,557					
Standby / Priority			27,647					
Standby Overruns			684					
NGV - Demand			7,587					
LBS - Demand			0					
Overdelivery / Upstream Cap. Surcharge			<u>82,896</u>					
			607,370	303,844	303,526	8.50%	17 / 12	36,550
October								
Natural Gas Supply Charge			810,447					
Standby / Priority			33,313					
Standby Overruns			2					
NGV - Demand			12,759					
LBS - Demand			0					
Overdelivery / Upstream Cap. Surcharge			<u>83,388</u>					
			939,909	16,878	923,031	8.50%	16 / 12	104,610
November								
Natural Gas Supply Charge			2,215,172					
Standby / Priority			63,466					
Standby Overruns			8,269					
NGV - Demand			1,214					
LBS - Demand			0					
Overdelivery / Upstream Cap. Surcharge			<u>93,690</u>					
			2,381,811	4,839,367	(2,457,556)	8.50%	15 / 12	(261,115)

**NATIONAL FUEL GAS DISTRIBUTION CORPORATION
PENNSYLVANIA DIVISION
STATEMENT OF TOTAL OVER / (UNDER) COLLECTIONS
TWELVE MONTHS ENDED JULY 2024 (ACTUAL)**

	<u>Sales</u>	PGC	PGC	Cost of	Over / (Under)	Interest	Interest	Interest
	Mcf	Rate	Revenue	Fuel	Collections	Rate	Weight	Expense / (Income)
	(1)	\$/ Mcf	\$	\$	\$	%	(7)	\$
		(2)	(3 = 1 x 2)	(4)	(5 = 3 - 4)	(6)		(8 = 5 x 6 x 7)
December								
Natural Gas Supply Charge			4,663,119					
Standby / Priority			100,784					
Standby Overruns			17,523					
NGV - Demand			9,313					
LBS - Demand			0					
Overdelivery / Upstream Cap. Surcharge			<u>103,432</u>					
			4,894,172	5,165,326	(271,154.05)	8.50%	14 / 12	(26,889)
January (2024)								
Natural Gas Supply Charge			5,856,620					
Standby / Priority			114,908					
Standby Overruns			(14,463)					
NGV - Demand			12,151					
LBS - Demand			0					
Overdelivery / Upstream Cap. Surcharge			<u>97,011</u>					
			6,066,226	7,893,410	(1,827,183)	8.50%	13 / 12	(168,253)
February								
Natural Gas Supply Charge			5,947,872					
Standby / Priority			143,278					
Standby Overruns			459					
NGV - Demand			6,482					
LBS - Demand			0					
Overdelivery / Upstream Cap. Surcharge			<u>120,197</u>					
			6,218,289	6,906,673	(688,384)	8.50%	12 / 12	(58,513)
March								
Natural Gas Supply Charge			4,733,696					
Standby / Priority			141,603					
Standby Overruns			248					
NGV - Demand			9,296					
LBS - Demand			0					
Overdelivery / Upstream Cap. Surcharge			<u>99,995</u>					
			4,984,839	6,120,578	(1,135,739)	8.50%	11 / 12	(88,493)

PGC Exhibit 21
Schedule 7
Sheet 6 of 7
DEMAND - NG:
Preliminary revision

**NATIONAL FUEL GAS DISTRIBUTION CORPORATION
PENNSYLVANIA DIVISION
STATEMENT OF TOTAL OVER / (UNDER) COLLECTIONS
TWELVE MONTHS ENDED JULY 2024 (ACTUAL)**

		DEMAND - NGS						
	<u>Sales</u> Mcf (1)	PGC Rate \$/ Mcf (2)	PGC Revenue \$ (3 = 1 x 2)	Cost of Fuel \$ (4)	Over / (Under) Collections \$ (5 = 3 - 4)	Interest Rate % (6)	Interest Weight (7)	Interest Expense / (Income) \$ (8 = 5 x 6 x 7)
April								
			4,255,965					
			130,599					
			(423)					
			9,335					
			0					
			<u>108,457</u>					
			4,503,933	2,560,752	1,943,181	8.50%	10 / 12	137,642
May								
			1,858,602					
			79,219					
			2,245					
			9,571					
			0					
			<u>105,699</u>					
			2,055,336	923,962	1,131,374	8.50%	9 / 12	72,125
June								
			891,867					
			45,783					
			162					
			8,652					
			0					
			<u>129,359</u>					
			1,075,824	948,828	126,996	8.50%	8 / 12	7,196
July								
			594,908					
			24,813					
			839					
			9,275					
			0					
			<u>66,745</u>					
			696,579	921,319	(224,740)	8.50%	7 / 12	(11,143)
Total			34,949,340	37,314,677	(2,365,337)			(280,342)

PGC Exhibit 21
Schedule 7
Sheet 7 of 7
DEMAND - NGS
Prefiling revision

NATIONAL FUEL GAS DISTRIBUTION CORPORATION
Pennsylvania Division
Reconciliation of Interest on Over / (Under) Collections
Twelve Months Ended July 2024

	<u>Amount</u>
	\$
Estimated Undercollection of gas cost for the twelve month period August 2023 through July 2024 calculated in PGC 2024 (Schedule 7, Sheets 2 - 3)	(447,875)
Net Interest Expense (Income) to be refunded (Schedule 7, Sheets 2 - 3)	<u>(43,969)</u>
Total Estimate For the Twelve Months Ended July 2024	<u>(491,844)</u>
Actual Undercollection of gas cost for the twelve month period August 2023 through July 2024 (Schedule 7, Sheets 4 - 5)	(447,875)
Net Interest Expense (Income) to be refunded (Schedule 7, Sheets 4 - 5)	<u>(43,969)</u>
Total Actual For the Twelve Months Ended July 2024	<u>(491,844)</u>
Amount to be Refunded	<u><u>0</u></u>

**NATIONAL FUEL GAS DISTRIBUTION CORPORATION
PENNSYLVANIA DIVISION
STATEMENT OF TOTAL OVER / (UNDER) COLLECTIONS
TWELVE MONTHS ENDED JULY 2024 (ESTIMATE)**

DEMAND - DC

	<u>Sales</u> Mcf (1)	<u>PGC</u> <u>Rate</u> \$ / Mcf (2)	<u>PGC</u> <u>Revenue</u> \$ (3 = 1 x 2)	<u>Cost of</u> <u>Fuel</u> \$ (4)	<u>Over / (Under)</u> <u>Collections</u> \$ (5 = 3 - 4)	<u>Interest</u> <u>Rate</u> % (6)	<u>Interest</u> <u>Weight</u> (7)	<u>Interest</u> <u>Expense / (Income)</u> \$ (8 = 5 x 6 x 7)
August (2023)								
Distribution Charge			85,212					
SATC			<u>8,576</u>	582,040	(488,252)	8.50%	18 / 12	(62,252)
			93,788					
September								
Distribution Charge			97,326					
SATC			<u>9,691</u>	582,040	(475,023)	8.50%	17 / 12	(57,201)
			107,017					
October								
Distribution Charge			162,160					
SATC			<u>16,169</u>	582,040	(403,711)	8.50%	16 / 12	(45,754)
			178,329					
November								
Distribution Charge			438,048					
SATC			<u>42,065</u>	582,096	(101,983)	8.50%	15 / 12	(10,836)
			480,113					
December								
Distribution Charge			911,897					
SATC			<u>86,599</u>	538,517	459,979	8.50%	14 / 12	45,615
			998,496					
January (2024)								
Distribution Charge			1,145,707					
SATC			<u>109,297</u>	538,517	716,486	8.50%	13 / 12	65,976
			1,255,003					

PGC Exhibit 21
Schedule 7
Sheet 2 of 5
DEMAND - DC
Profiling revision

**NATIONAL FUEL GAS DISTRIBUTION CORPORATION
PENNSYLVANIA DIVISION
STATEMENT OF TOTAL OVER / (UNDER) COLLECTIONS
TWELVE MONTHS ENDED JULY 2024 (ACTUAL)**

DEMAND - DC

	<u>Sales</u> Mcf (1)	<u>PGC</u> <u>Rate</u> \$ / Mcf (2)	<u>PGC</u> <u>Revenue</u> \$ (3 = 1 x 2)	<u>Cost of</u> <u>Fuel</u> \$ (4)	<u>Over / (Under)</u> <u>Collections</u> \$ (5 = 3 - 4)	<u>Interest</u> <u>Rate</u> % (6)	<u>Interest</u> <u>Weight</u> (7)	<u>Interest</u> <u>Expense / (Income)</u> \$ (8 = 5 x 6 x 7)
August (2023)								
Distribution Charge			85,212					
SATC			<u>8,576</u>					
			93,788	582,040	(488,252)	8.50%	18 / 12	(62,252)
September								
Distribution Charge			97,326					
SATC			<u>9,691</u>					
			107,017	582,040	(475,023)	8.50%	17 / 12	(57,201)
October								
Distribution Charge			162,160					
SATC			<u>16,169</u>					
			178,329	582,040	(403,711)	8.50%	16 / 12	(45,754)
November								
Distribution Charge			438,048					
SATC			<u>42,065</u>					
			480,113	582,096	(101,983)	8.50%	15 / 12	(10,836)
December								
Distribution Charge			911,897					
SATC			<u>86,599</u>					
			998,496	538,517	459,979	8.50%	14 / 12	45,615
January (2024)								
Distribution Charge			1,145,707					
SATC			<u>109,297</u>					
			1,255,003	538,517	716,486	8.50%	13 / 12	65,976

PGC Exhibit 21
Schedule 7
Sheet 4 of 5
DEMAND - DC
Preliminary revision

NATIONAL FUEL GAS DISTRIBUTION CORPORATION
Pennsylvania Division

Calculation of Over / (Under) Collection Balances Included in the PGC 2025

<u>Description</u>	<u>Amount</u> (\$)	<u>Amount</u> (\$)
Reconciliation of over / (under) collection of gas cost for the twelve month period August 2022 through July 2023 originating in PGC 2023		
Estimated amount refunded / (recovered) during the period August 2023 through July 2024		22,138,635
Actual amount refunded / (recovered) during the period August 2023 through July 2024		
	<u>Refund / (Surcharge)</u>	
SALES		
August 2023	93,654	
September 2023	510,693	
October 2023	796,181	
November 2023	1,737,997	
December 2023	3,111,641	
January 2024	3,901,836	
February 2024	3,910,212	
March 2024	3,071,149	
April 2024	2,763,695	
May 2024	1,225,803	
June 2024	605,003	
July 2024	410,772	
	<u>22,138,635</u>	
(MMNGS & SATC)		
August 2023	0	
September 2023	0	
October 2023	0	
November 2023	0	
December 2023	0	
January 2024	0	
February 2024	0	
March 2024	0	
April 2024	0	
May 2024	0	
June 2024	0	
July 2024	0	
	<u>0</u>	
		<u>22,138,635</u>
		<u><u>0</u></u>

NATIONAL FUEL GAS DISTRIBUTION CORPORATION
Pennsylvania Division

Calculation of Over / (Under) Collection Balances Included in the PGC 2025

<u>Description</u>	<u>Amount</u> (\$)	<u>Amount</u> (\$)
Estimated balance of over / (under) collection of gas cost for the twelve month period August 2023 through July 2024 originating in PGC 2024		
Estimated over / (under) collections of gas cost for the twelve month period August 2023 through July 2024		17,113,998
Estimated amount refunded / (recovered) during the period August 2024 through July 2025		
SALES	<u>Rate</u>	<u>Mcf</u>
August 2024		316,780
September 2024		308,835
October 2024		469,991
November 2024		949,325
December 2024	0.7843	2,820,784
January - July 2025	0.7843	<u>15,018,508</u>
		17,839,292
(MMNGS & SATC)		
August 2024		0
September 2024		0
October 2024		0
November 2024		0
December 2024		0
January - July 2025		<u>0</u>
		0
		<u>16,036,287</u>
Amount to be Refunded		<u><u>1,077,711</u></u>

NATIONAL FUEL GAS DISTRIBUTION CORPORATION
Pennsylvania Division

Calculation of Over / (Under) Collection Balances Included in the PGC 2025

<u>Description</u>	<u>Amount</u> (\$)	<u>Amount</u> (\$)
Reconciliation of over / (under) collection of gas cost for the twelve month period August 2022 through July 2023 originating in PGC 2023		
Estimated amount refunded / (recovered) during the period August 2023 through July 2024		(1,674,221)
Actual amount refunded / (recovered) during the period August 2023 through July 2024		
	<u>Refund / (Surcharge)</u>	
SALES		
August 2023	(7,032)	
September 2023	(24,907)	
October 2023	(39,043)	
November 2023	(110,637)	
December 2023	(243,984)	
January 2024	(305,933)	
February 2024	(307,113)	
March 2024	(240,970)	
April 2024	(216,665)	
May 2024	(95,600)	
June 2024	(46,981)	
July 2024	(31,475)	
	<u>(1,670,340)</u>	
LBS & NGV		
August 2023	163	
September 2023	(293)	
October 2023	(493)	
November 2023	(47)	
December 2023	(407)	
January 2024	(531)	
February 2024	(283)	
March 2024	(396)	
April 2024	(397)	
May 2024	(407)	
June 2024	(381)	
July 2024	(408)	
	<u>(3,881)</u>	
(MMNGS & SATC)		
August 2023	0	
September 2023	0	
October 2023	0	
November 2023	0	
December 2023	0	
January 2024	0	
February 2024	0	
March 2024	0	
April 2024	0	
May 2024	0	
June 2024	0	
July 2024	0	
	<u>0</u>	<u>(1,674,221)</u>
		<u><u>0</u></u>

NATIONAL FUEL GAS DISTRIBUTION CORPORATION
Pennsylvania Division

Calculation of Over / (Under) Collection Balances Included in the PGC 2025

<u>Description</u>	<u>Amount</u> (\$)	<u>Amount</u> (\$)
Estimated balance of over / (under) collection of gas cost for the twelve month period August 2023 through July 2024 originating in PGC 2024		
Estimated over / (under) collection of gas cost for the twelve month period August 2023 through July 2024		(2,937,617)
Estimated amount refunded / (recovered) during the period August 2024 through July 2025		
	<u>Rate</u>	<u>Mcf</u>
SALES		<u>Refund / (Surcharge)</u>
August 2024		(29,376)
September 2024		(35,096)
October 2024		(53,335)
November 2024		(131,962)
December 2024	(0.1347)	2,820,784
January - July 2025	(0.1347)	<u>15,018,508</u>
		<u>(2,022,993)</u>
		17,839,292
		<u>(2,652,722)</u>
LBS & NGV		
August 2024		(327)
September 2024		(539)
October 2024		(419)
November 2024		(462)
December 2024		0
January - July 2025		0
		<u>(1,746)</u>
(MMNGS & SATC)		
August 2024		0
September 2024		0
October 2024		0
November 2024		0
December 2024		0
January - July 2025		0
		<u>0</u>
		<u>(2,654,468)</u>
Amount to be Recovered		<u><u>(283,149)</u></u>

NATIONAL FUEL GAS DISTRIBUTION CORPORATION
Pennsylvania Division

Calculation of Over / (Under) Collection Balances Included in the PGC 2025

<u>Description</u>	<u>Amount</u> (\$)	<u>Amount</u> (\$)
Reconciliation of over / (under) collection of gas cost for the twelve month period August 2022 through July 2023 originating in PGC 2023		
Estimated amount refunded / (recovered) during the period August 2023 through July 2024		(569,876)
Actual amount refunded / (recovered) during the period August 2023 through July 2024		
SALES	<u>Refund / (Surcharge)</u>	
August 2023	(6,715)	
September 2023	(9,166)	
October 2023	(15,531)	
November 2023	(38,146)	
December 2023	(73,901)	
January 2024	(92,797)	
February 2024	(92,520)	
March 2024	(73,410)	
April 2024	(66,087)	
May 2024	(28,614)	
June 2024	(14,111)	
July 2024	(9,243)	
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	(520,240)	
LBS & NGV		
August 2023	0	
September 2023	0	
October 2023	0	
November 2023	0	
December 2023	0	
January 2024	0	
February 2024	0	
March 2024	0	
April 2024	0	
May 2024	0	
June 2024	0	
July 2024	0	
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SATC		
August 2023	(674)	
September 2023	(904)	
October 2023	(1,547)	
November 2023	(3,651)	
December 2023	(7,018)	
January 2024	(8,849)	
February 2024	(8,710)	
March 2024	(6,931)	
April 2024	(6,263)	
May 2024	(2,748)	
June 2024	(1,398)	
July 2024	(942)	
	<hr/>	
	(49,636)	
		<hr/>
		(569,876)
		<hr/>
		0
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NATIONAL FUEL GAS DISTRIBUTION CORPORATION
Pennsylvania Division

Calculation of Over / (Under) Collection Balances Included in the PGC 2025

<u>Description</u>	<u>Amount</u> (\$)	<u>Amount</u> (\$)
Estimated balance of over / (under) collection of gas cost for the twelve month period August 2023 through July 2024 originating in PGC 2024		
Estimated over / (under) collections of gas cost for the twelve month period August 2023 through July 2024		(607,590)
Estimated amount refunded / (recovered) during the period August 2024 through July 2025		
SALES	<u>Rate</u>	<u>Mcf</u>
August 2024		<u>Refund / (Surcharge)</u>
September 2024		(7,569)
October 2024		(8,235)
November 2024		(12,698)
December 2024	(0.0255)	2,820,784
January - July 2025	(0.0255)	15,018,508
		<u>17,839,292</u>
		<u>(512,028)</u>
LBS & NGV		
August 2024		0
September 2024		0
October 2024		0
November 2024		0
December 2024		0
January - July 2025		<u>0</u>
		0
SATC	<u>SATC Mcf</u>	
August 2024		(789)
September 2024		(837)
October 2024		(1,256)
November 2024		(2,792)
December 2024	(0.0255)	246,496
January - July 2025	(0.0255)	1,397,094
		<u>1,643,590</u>
		<u>(47,643)</u>
		<u>(559,670)</u>
Amount to be Recovered		<u><u>(47,920)</u></u>

NATIONAL FUEL GAS DISTRIBUTION CORPORATION
Pennsylvania Division

Calculation of Refund / (Surcharge) Balances Included in the PGC 2025

<u>Description</u>	<u>Amount</u> (\$)	<u>Amount</u> (\$)
Reconciliation of refund / (surcharge) established in PGC 2023		
Estimated amount refunded / (recovered) during the period August 2023 through July 2024		0
Actual amount refunded / (recovered) during the period August 2023 through July 2024		
	<u>Refund / (Surcharge)</u>	
SALES		
August 2023	0	
September 2023	0	
October 2023	0	
November 2023	0	
December 2023	0	
January 2024	0	
February 2024	0	
March 2024	0	
April 2024	0	
May 2024	0	
June 2024	0	
July 2024	0	
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	0	
SATC		
August 2023	0	
September 2023	0	
October 2023	0	
November 2023	0	
December 2023	0	
January 2024	0	
February 2024	0	
March 2024	0	
April 2024	0	
May 2024	0	
June 2024	0	
July 2024	0	
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		0

NATIONAL FUEL GAS DISTRIBUTION CORPORATION
Pennsylvania Division

Calculation of Refund / (Surcharge) Balances Included in the PGC 2025

<u>Description</u>	<u>Amount</u> (\$)	<u>Amount</u> (\$)
Reconciliation of refund / (surcharge) established in PGC 2023		
Estimated amount refunded / (recovered) during the period August 2023 through July 2024		101,680
Actual amount refunded / (recovered) during the period August 2023 through July 2024		
	<u>Refund / (Surcharge)</u>	
SALES		
August 2023	5,256	
September 2023	1,224	
October 2023	2,781	
November 2023	7,222	
December 2023	13,826	
January 2024	17,557	
February 2024	17,586	
March 2024	13,890	
April 2024	12,495	
May 2024	5,374	
June 2024	2,737	
July 2024	1,734	
	<hr/>	
	101,680	
LBS & NGV		
August 2023	0	
September 2023	0	
October 2023	0	
November 2023	0	
December 2023	0	
January 2024	0	
February 2024	0	
March 2024	0	
April 2024	0	
May 2024	0	
June 2024	0	
July 2024	0	
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	0	
SATC		
August 2023	0	
September 2023	0	
October 2023	0	
November 2023	0	
December 2023	0	
January 2024	0	
February 2024	0	
March 2024	0	
April 2024	0	
May 2024	0	
June 2024	0	
July 2024	0	
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	0	
		<hr/>
		101,680
		<hr/>
		0
		<hr/> <hr/>

NATIONAL FUEL GAS DISTRIBUTION CORPORATION
Pennsylvania Division

Calculation of Refund / (Surcharge) Balances Included in the PGC 2025

<u>Description</u>	<u>Amount</u> (\$)	<u>Amount</u> (\$)
Reconciliation of refund / (surcharge) established in PGC 2024		
Estimated amount refunded / (recovered) during the period August 2024 through July 2025		17,010
Actual amount refunded / (recovered) during the period August 2024 through July 2025		
	<u>Rate</u>	<u>Mcf</u>
		<u>Refund / (Surcharge)</u>
SALES		
August 2024		639
September 2024		40
October 2024		140
November 2024		491
December 2024	0.0008	2,257
January - July 2025	0.0008	12,015
		<u>15,582</u>
LBS & NGV		
August 2024		0
September 2024		0
October 2024		0
November 2024		0
December 2024		0
January - July 2025		<u>0</u>
		0
SATC		
	<u>MMNGS Mcf</u>	<u>SATC Mcf</u>
August 2024		0
September 2024		0
October 2024		0
November 2024		0
December 2024		0
January - July 2025		<u>0</u>
		0
		<u>15,582</u>
Amount to be Refunded		<u><u>1,428</u></u>

NATIONAL FUEL GAS DISTRIBUTION CORPORATION
Pennsylvania Division

Calculation of Refund / (Surcharge) Balances Included in the PGC 2025

<u>Description</u>	<u>Amount</u> (\$)	<u>Amount</u> (\$)
Reconciliation of refund / (surcharge) established in PGC 2023		
Estimated amount refunded / (recovered) during the period August 2023 through July 2024		203,159
Actual amount refunded / (recovered) during the period August 2023 through July 2024		
	<u>Refund / (Surcharge)</u>	
SALES		
August 2023	1,982	
September 2023	4,287	
October 2023	6,812	
November 2023	15,709	
December 2023	28,489	
January 2024	36,029	
February 2024	36,064	
March 2024	28,149	
April 2024	25,265	
May 2024	11,203	
June 2024	5,483	
July 2024	3,687	
	<u>203,159</u>	
LBS & NGV¹		
August 2023	0	
September 2023	0	
October 2023	0	
November 2023	0	
December 2023	0	
January 2024	0	
February 2024	0	
March 2024	0	
April 2024	0	
May 2024	0	
June 2024	0	
July 2024	0	
	<u>0</u>	
		<u>203,159</u>
		<u><u>0</u></u>

1 LBS & NGV Supplier refund (if any) included in Sales amount as they share the same line item type within SAP reporting

NATIONAL FUEL GAS DISTRIBUTION CORPORATION
Pennsylvania Division

Calculation of Refund or Surcharge Balances Included in the PGC 2025

<u>Description</u>	<u>Amount</u> (\$)	<u>Amount</u> (\$)
Reconciliation of refund / (surcharge) established in PGC 2024		
Estimated amount refunded / (recovered) during the period August 2024 through July 2025		44,832
Actual amount refunded / (recovered) during the period August 2024 through July 2025		
SALES	<u>Rate</u>	<u>Mcf</u>
August 2024		1,635
September 2024		318
October 2024		806
November 2024		2,073
December 2024	0.0019	2,820,784
January - July 2025	0.0019	<u>15,018,508</u>
		<u>38,726</u>
LBS & NGV		
August 2024		0
September 2024		0
October 2024		0
November 2024		0
December 2024		0
January - July 2025		<u>0</u>
		<u>38,726</u>
Amount to be Refunded		<u><u>6,106</u></u>

NATIONAL FUEL GAS DISTRIBUTION CORPORATION
 Pennsylvania Division

Refunds From and Payments to Gas Suppliers

	<u>Refund From</u>	<u>Date Received</u>	<u>Refund Amount</u> \$	<u>INTEREST</u>			<u>Total Refund Plus Interest</u> \$
				<u>Rate</u>	<u>Weight</u>	<u>Amount</u> \$	
A.			0	0.00%	0 / 12	0	0
B.			<u>0</u>	0.00%	0 / 12	<u>0</u>	<u>0</u>
	TOTAL		<u><u>0</u></u>			<u><u>0</u></u>	<u><u>0</u></u>

NATIONAL FUEL GAS DISTRIBUTION CORPORATION
Pennsylvania Division

Calculation of Reconciliation of Interest on Storage Injections / Withdrawals

<u>Description</u>	<u>Amount</u> (\$)
Reconciliation of interest expense / (income) due to / (from) customers for the twelve month period August 2022 through July 2023 originating in PGC 2023 (PGC 2024 - Rec. E-factor)	
Estimated amount passed back / (recovered) during the period August 2023 through July 2024 in E Factor	(408,544)
Actual amount passed back / (recovered) during the period August 2023 through July 2024 in E-Factor	
	<u>Refund / (Surcharge)</u>
SALES	
August 2023	(3,051)
September 2023	(9,169)
October 2023	(14,396)
November 2023	(31,819)
December 2023	(57,134)
January 2024	(71,707)
February 2024	(72,021)
March 2024	(56,447)
April 2024	(50,776)
May 2024	(22,884)
June 2024	(11,418)
July 2024	(7,721)
	<hr style="width: 100%; border: 0.5px solid black;"/>
	(408,543)
SATC	
August 2023	0
September 2023	0
October 2023	0
November 2023	0
December 2023	0
January 2024	0
February 2024	0
March 2024	0
April 2024	0
May 2024	0
June 2024	0
July 2024	0
	<hr style="width: 100%; border: 0.5px solid black;"/>
	0
	<hr style="width: 100%; border: 0.5px solid black;"/>
	(408,543)
Amount to be Recovered	<u><u>(1)</u></u>

NATIONAL FUEL GAS DISTRIBUTION CORPORATION
Pennsylvania Division

Calculation of Reconciliation of Interest on Storage Injections / Withdrawals

<u>Description</u>	<u>Amount</u> (\$)
Estimated interest expense / (income) due to / (from) customers for the twelve month period August 2023 through July 2024 in C-Factor (PGC 2024 - C Factor)	(41,558)
Actual amount passed back / (recovered) during the period August 2023 through July 2024 in C Factor	
	<u>Refund / (Surcharge)</u>
SALES	
August 2023	(1,628)
September 2023	(1,892)
October 2023	(3,116)
November 2023	(3,395)
December 2023	1,887
January 2024	2,265
February 2024	(2,668)
March 2024	(7,103)
April 2024	(6,329)
May 2024	(4,333)
June 2024	(4,226)
July 2024	(2,716)
	<hr style="width: 100%; border: 0.5px solid black;"/>
	(33,253)
Amount to be Recovered	<hr style="width: 100%; border: 0.5px solid black;"/> (8,305) <hr style="width: 100%; border: 0.5px solid black;"/>

NATIONAL FUEL GAS DISTRIBUTION CORPORATION
Pennsylvania Division

Calculation of Reconciliation of Interest on Storage Injections / Withdrawals

<u>Description</u>				<u>Amount</u> (\$)
Estimated balance of interest expense / (income) due to / (from) customer for the twelve month period August 2023 through July 2024 originating in PGC 2024 (PGC 2025 - Rec. E-factor)				
Estimated interest expense / (income) due to / (from) customers for the twelve month period August 2023 through July 2024 in C/E Factor				(200,650)
Estimated amount passed back / (recovered) during the period August 2024 through July 2025 in E Factor				
	<u>Rate</u>	<u>Mcf</u>	<u>Refund / (Surcharge)</u>	
SALES				
August 2024			(4,548)	
September 2024			(3,416)	
October 2024			(4,999)	
November 2024			(10,882)	
December 2024	(0.0091)	2,820,784	(25,669)	
January - July 2025	(0.0091)	<u>15,018,508</u>	<u>(136,668)</u>	
		17,839,292	(186,183)	
SATC				
		<u>MMNGS Mcf</u>	<u>SATC Mcf</u>	
August 2024				
September 2024				
October 2024				
November 2024				
December 2024	(0.0091)	0	0	0
January - July 2025	(0.0091)	<u>0</u>	<u>0</u>	<u>0</u>
		0	0	0
				<u>(186,183)</u>
Amount to be Recovered		in PGC 2024		<u>(14,467)</u>

NATIONAL FUEL GAS DISTRIBUTION CORPORATION
Pennsylvania Division

Calculation of Reconciliation of Interest on Storage Injections / Withdrawals

<u>Description</u>	<u>Amount</u> (\$)
Estimated interest expense / (income) due to / (from) customers for the twelve month period August 2024 through July 2025 in C-Factor (PGC 2025 - C factor)	243,071

Estimated amount passed back / (recovered) during the period August 2024 through July 2025 in C Factor

	<u>Rate</u>	<u>Mcf</u>	<u>Refund / (Surcharge)</u>	
SALES				
August 2024			(164)	
September 2024			2,437	
October 2024			3,251	
November 2024			8,903	
December 2024	(0.0094)	2,820,784	(26,515)	
January - July 2025	(0.0094)	15,018,508	(141,174)	
		<u>17,839,292</u>	<u>(153,263)</u>	
				<u>(153,263)</u>
Amount to be Refunded		in PGC 2024		<u>396,334</u>

LINK YEAR - CALCULATION FLOWS TO SCHEDULE 5 - COMMODITY

NATIONAL FUEL GAS DISTRIBUTION CORPORATION
Pennsylvania Division
Calculation of Interest on Storage Injections / Withdrawals (C Factor Recovery / (Passback))
Twelve Months Ended July 2025

Month	Open / Closed Period	Injections Mcf (1)	Withdrawals Mcf (2)	Rate	Cost Charged Through PGC But Not Paid	Cost Paid By Distribution But Not Charged	Storage (Net Paid) / Net Charged	Interest Weight	Interest Rate ¹	Gross Storage Interest Expense / (Revenue)
				Differential \$/ Mcf (3)	By Distribution \$ (4 = 2 x 3)	Through PGC \$ (5 = 1 x 3)	\$ (6 = 4 + 5)	(7)	% (8)	\$ (9 = [6 x (7 x 8)])
August 2024	Closed	986,804	6,938	3.6613	25,402	(3,612,989)	(3,587,587)	12 / 12	7.75%	(278,038)
September	Closed	1,003,909	3,638	3.6613	13,320	(3,675,616)	(3,662,296)	11 / 12	7.75%	(260,176)
October	Closed	833,358	29,907	4.1159	123,093	(3,429,980)	(3,306,887)	10 / 12	7.75%	(213,570)
November	Closed	(36,713)	743,355	4.1159	3,059,541	151,105	3,210,646	9 / 12	7.75%	186,619
December	Open	0	855,548	4.1159	3,521,311	0	3,521,311	8 / 12	7.75%	181,934
January 2025	Open	0	1,880,109	4.1159	7,738,256	0	7,738,256	7 / 12	7.75%	349,834
February	Open	0	1,620,704	4.1159	6,670,582	0	6,670,582	6 / 12	7.75%	258,485
March	Open	0	1,529,554	4.1159	6,295,420	0	6,295,420	5 / 12	7.75%	203,290
April	Open	120,188	0	4.1159	0	(494,678)	(494,678)	4 / 12	7.75%	(12,779)
May	Open	1,047,390	0	4.1159	0	(4,310,905)	(4,310,905)	3 / 12	7.75%	(83,524)
June	Open	1,151,775	0	4.1159	0	(4,740,536)	(4,740,536)	2 / 12	7.75%	(61,232)
July	Open	<u>1,044,793</u>	<u>0</u>	4.1159	<u>0</u>	<u>(4,300,214)</u>	<u>(4,300,214)</u>	1 / 12	7.75%	<u>(27,772)</u>
TOTAL		6,151,504	6,669,753		27,446,925	(24,413,813)	3,033,112			243,071
Estimated Storage Interest Expense Due to PGC Customers										<u>\$243,071</u>

¹ The storage over / (under) interest rate is based upon the prime interest rate in effect within 60 days of this filing.

RATE YEAR - CALCULATION FLOWS TO SCHEDULE 5 - COMMODITY

NATIONAL FUEL GAS DISTRIBUTION CORPORATION
Pennsylvania Division
Calculation of Interest on Storage Injections / Withdrawals (C Factor Recovery / (Passback))
Twelve Months Ended July 2026

Month	Open / Closed Period	Injections Mcf (1)	Withdrawals Mcf (2)	Rate	Cost Charged Through PGC But Not Paid	Cost Paid By Distribution But Not Charged	Storage (Net Paid) / Net Charged	Interest Weight	Interest Rate ¹	Gross Storage Interest Expense / (Revenue)
				Differential \$/ Mcf (3)	By Distribution \$ (4 = 2 x 3)	Through PGC \$ (5 = 1 x 3)	\$ (6 = 4 + 5)	(7)	% (8)	\$ (9 = [6 x (7 x 8)])
August 2025	Open	1,179,897	0	4.1159	0	(4,856,285)	(4,856,285)	12 / 12	7.75%	(376,362)
September	Open	1,119,977	0	4.1159	0	(4,609,663)	(4,609,663)	11 / 12	7.75%	(327,478)
October	Open	1,083,736	0	4.6332	0	(5,021,190)	(5,021,190)	10 / 12	7.75%	(324,285)
November	Open	0	734,092	4.6332	3,401,211	0	3,401,211	9 / 12	7.75%	197,695
December	Open	0	855,548	4.6332	3,963,943	0	3,963,943	8 / 12	7.75%	204,804
January 2026	Open	0	1,880,109	4.6332	8,710,961	0	8,710,961	7 / 12	7.75%	393,808
February	Open	0	1,620,704	4.6332	7,509,079	0	7,509,079	6 / 12	7.75%	290,977
March	Open	0	1,529,554	4.6332	7,086,760	0	7,086,760	5 / 12	7.75%	228,843
April	Open	120,188	0	4.6332	0	(556,859)	(556,859)	4 / 12	7.75%	(14,386)
May	Open	1,047,390	0	4.6332	0	(4,852,789)	(4,852,789)	3 / 12	7.75%	(94,023)
June	Open	1,151,775	0	4.6332	0	(5,336,425)	(5,336,425)	2 / 12	7.75%	(68,929)
July	Open	1,044,793	0	4.6332	0	(4,840,754)	(4,840,754)	1 / 12	7.75%	(31,263)
TOTAL		6,747,756	6,620,008		30,671,954	(30,073,965)	597,989			79,401
Estimated Storage Interest Expense Due to PGC Customers										\$79,401
PGC Volumes (Exhibit 22)										20,834,971
PGC (Passback) / Recovery Rate \$/Mcf										(\$0.0038)

1 The storage over / (under) interest rate is based upon the prime interest rate in effect within 60 days of this filing.

Company	Component	Dec-24	Jan-25	Feb-25	Mar-25	Apr-25	May-25	Jun-25	Jul-25	Total
Columbia	Demand (D1)	1,748	1,748	1,748	1,748	1,748	1,748	1,748	1,748	13,984
	Demand (D2)	0	0	0	0	0	0	0	0	0
	Receipt Vol.	44,293	55,273	49,924	55,273	117,323	78,545	83,396	77,500	561,527
	Delivered Vol.	42,877	53,507	48,329	53,507	114,917	76,524	82,318	75,490	547,469
Texas Eastern	Demand (D1)	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	80,000
	Demand (D2)	0	0	0	0	0	0	0	0	0
	Receipt Vol.	170,500	170,500	154,000	311,433	301,386	311,433	301,386	311,433	2,032,071
	Delivered Vol.	167,866	167,866	151,621	306,621	296,730	306,621	296,730	306,621	2,000,676
Tennessee	Demand (D1)	74,000	74,000	74,000	74,000	74,000	74,000	74,000	74,000	592,000
	Demand (D2)	0	0	0	0	0	0	0	0	0
	Receipt Vol.	1,193,868	1,326,520	1,488,063	1,567,451	1,566,092	1,452,624	1,281,969	1,095,545	10,972,132
	Delivered Vol.	1,172,825	1,303,139	1,461,835	1,539,824	1,538,489	1,427,020	1,259,374	1,076,235	10,778,741
Total Upstream Purchase Volumes		<u>1,383,568</u>	<u>1,524,512</u>	<u>1,661,785</u>	<u>1,899,952</u>	<u>1,950,136</u>	<u>1,810,165</u>	<u>1,638,422</u>	<u>1,458,346</u>	<u>13,326,886</u>
Total City Gate NFGSC Volumes		<u>551,918</u>	<u>613,242</u>	<u>387,727</u>	<u>207,213</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>1,760,100</u>
Total Storage Volumes		<u>1,463,798</u>	<u>2,101,888</u>	<u>1,577,659</u>	<u>1,035,526</u>	<u>(166,560)</u>	<u>(1,079,601)</u>	<u>(1,214,321)</u>	<u>(1,078,567)</u>	<u>2,639,822</u>
Total for NFGDC PAD		<u>3,399,284</u>	<u>4,239,642</u>	<u>3,627,171</u>	<u>3,142,691</u>	<u>1,783,576</u>	<u>730,564</u>	<u>424,101</u>	<u>379,779</u>	<u>17,726,808</u>

National Fuel Gas Distribution Corporation
 Pennsylvania Division - 1307(f) 2024
 Upstream Purchase & Delivered Volume (Dt)
 For the Twelve Months Ending July 2025

Company	Component	Aug-25	Sep-25	Oct-25	Nov-25	Dec-25	Jan-26	Feb-26	Mar-26	Apr-26	May-26	Jun-26	Jul-26	Total
Columbia	Demand (D1)	1,748	1,748	1,748	1,748	1,748	1,748	1,748	1,748	1,748	1,748	1,748	1,748	20,976
	Demand (D2)	0	0	0	0	0	0	0	0	0	0	0	0	0
	Receipt Vol.	139,500	135,000	77,500	30,359	55,366	55,273	49,924	55,366	75,000	103,484	128,913	100,715	1,006,400
	Delivered Vol.	137,303	133,329	76,077	29,389	53,597	53,507	48,329	53,597	73,055	101,191	126,380	98,452	984,207
Columbia Gulf	Demand (D1)	0	0	0	0	0	0	0	0	0	0	0	0	0
Texas Eastern	Demand (D1)	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	120,000
	Demand (D2)	0	0	0	0	0	0	0	0	0	0	0	0	0
	Receipt Vol.	311,433	301,386	311,433	165,000	311,433	170,500	154,000	311,433	301,386	311,433	301,386	311,433	3,262,256
	Delivered Vol.	306,621	296,730	306,621	162,451	306,621	167,866	151,621	306,621	296,730	306,621	296,730	306,621	3,211,854
Tennessee	Demand (D1)	74,000	74,000	74,000	74,000	74,000	74,000	74,000	74,000	74,000	74,000	74,000	74,000	888,000
	Demand (D2)	0	0	0	0	0	0	0	0	0	0	0	0	0
	Receipt Vol.	1,201,012	1,165,894	1,886,892	966,573	1,593,514	1,444,581	1,351,900	940,104	1,564,990	1,451,539	1,236,268	1,094,692	15,897,959
	Delivered Vol.	1,179,844	1,145,344	1,853,635	949,536	1,565,427	1,411,087	1,336,104	923,535	1,537,406	1,425,955	1,214,478	1,075,397	15,617,748
Total Upstream Purchase Volumes		<u>1,623,768</u>	<u>1,575,403</u>	<u>2,236,333</u>	<u>1,141,376</u>	<u>1,925,645</u>	<u>1,632,460</u>	<u>1,536,055</u>	<u>1,283,753</u>	<u>1,907,191</u>	<u>1,833,767</u>	<u>1,637,588</u>	<u>1,480,470</u>	<u>19,813,809</u>
Total City Gate NFGSC Volumes		<u>0</u>	<u>0</u>	<u>0</u>	<u>296,730</u>	<u>551,918</u>	<u>613,242</u>	<u>387,727</u>	<u>245,297</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>2,094,914</u>
Total Storage Volumes		<u>(1,240,072)</u>	<u>(1,177,096)</u>	<u>(1,139,007)</u>	<u>771,531</u>	<u>899,181</u>	<u>1,975,995</u>	<u>1,703,360</u>	<u>1,607,561</u>	<u>(126,318)</u>	<u>(1,100,807)</u>	<u>(1,210,515)</u>	<u>(1,098,077)</u>	<u>(134,264)</u>
Total for NFGDC PAD		<u>383,696</u>	<u>398,307</u>	<u>1,097,326</u>	<u>2,209,637</u>	<u>3,376,744</u>	<u>4,221,697</u>	<u>3,627,142</u>	<u>3,136,611</u>	<u>1,780,873</u>	<u>732,960</u>	<u>427,073</u>	<u>382,393</u>	<u>21,774,459</u>

National Fuel Gas Distribution Corporation
 Pennsylvania Division - 1307(f) 2024
 Upstream Pipeline Rates (\$/Dt)
 For the Twelve Months Ending July 2025

Company	Schedule	Component	Aug-25	Sep-25	Oct-25	Nov-25	Dec-25	Jan-26	Feb-26	Mar-26	Apr-26	May-26	Jun-26	Jul-26	
NFGSC	EFT	Demand	\$6.9865	\$6.9865	\$6.9865	\$6.9865	\$6.9865	\$6.9865	\$6.9865	\$6.9865	\$6.9865	\$6.9865	\$6.9865	\$6.9865	
		Commodity	0.0258	0.0258	0.0258	0.0258	0.0258	0.0258	0.0258	0.0258	0.0258	0.0258	0.0258	0.0258	
	FG	Demand	50.8189	48.9372	47.9982	47.9982	47.0555	43.2958	45.1738	47.9982	47.9982	47.9982	47.0555	47.9982	47.9982
		Commodity	0.0258	0.0258	0.0258	0.0258	0.0258	0.0258	0.0258	0.0258	0.0258	0.0258	0.0258	0.0258	0.0258
Columbia	FTS	Demand	21.9810	21.9810	21.9810	21.9810	21.9810	21.9810	21.9810	21.9810	21.9810	21.9810	21.9810	21.9810	
		Commodity	0.0186	0.0186	0.0186	0.0186	0.0186	0.0186	0.0186	0.0186	0.0186	0.0186	0.0186	0.0186	
Columbia	SST	Demand	21.9780	21.9780	21.9780	21.9780	21.9780	21.9780	21.9780	21.9780	21.9780	21.9780	21.9780	21.9780	
		Commodity	0.0186	0.0186	0.0186	0.0186	0.0186	0.0186	0.0186	0.0186	0.0186	0.0186	0.0186	0.0186	
Texas Eastern	FT-1	Demand	6.7790	6.7790	6.7790	6.7790	6.7790	6.8120	6.8120	6.8120	6.8120	6.8120	6.8120	6.8120	
	CDS	Demand	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
	STX-M2	Commodity	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
	ETX-M2	Commodity	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
	ELA-M2	Commodity	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
	WLA-M2	Commodity	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
	M1-M2	Commodity	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
	M2-M2	Commodity	0.0403	0.0403	0.0403	0.0403	0.0403	0.0403	0.0403	0.0403	0.0403	0.0403	0.0403	0.0403	
Tennessee	FTA-4 (0-4)	Demand	14.1653	14.1653	14.1653	14.1653	14.1653	13.5751	13.5751	13.5751	13.5751	13.5751	13.5751	13.5751	
		Commodity	0.2376	0.2376	0.2376	0.2376	0.2376	0.2285	0.2285	0.2285	0.2285	0.2285	0.2285	0.2285	
	FTA-4 (1-4)	Demand	12.0739	12.0739	12.0739	12.0739	12.0739	11.5708	11.5708	11.5708	11.5708	11.5708	11.5708	11.5708	
		Commodity	0.2020	0.2020	0.2020	0.2020	0.2020	0.1943	0.1943	0.1943	0.1943	0.1943	0.1943	0.1943	
	FTA-4 (5-4)	Demand	5.8642	5.8642	5.8642	5.8642	5.8642	5.8642	5.8642	5.8642	5.8642	5.8642	5.8642	5.8642	
		Commodity	0.0702	0.0702	0.0702	0.0702	0.0702	0.0702	0.0702	0.0702	0.0702	0.0702	0.0702	0.0702	
	FTA-4 (4-4)	Demand	4.2778	4.2778	4.2778	4.2778	4.2778	4.0995	4.0995	4.0995	4.0995	4.0995	4.0995	4.0995	
		Commodity	0.0404	0.0404	0.0404	0.0404	0.0404	0.0388	0.0388	0.0388	0.0388	0.0388	0.0388	0.0388	

Company	Component	Dec-24	Jan-25	Feb-25	Mar-25	Apr-25	May-25	Jun-25	Jul-25	Total
Columbia	Demand (D1)	18,644	18,644	18,644	18,644	38,423	38,423	38,423	38,423	228,268
	Demand (D2)	829	829	749	829	0	0	0	0	3,236
	Gas Cost	107,211	146,916	127,980	131,743	293,611	198,677	210,996	196,075	1,413,208
	Transp. Cost	1,249	1,505	1,359	1,504	1,704	1,761	257	1,761	11,100
Tennessee	Demand (D1)	395,792	384,773	384,773	384,773	384,773	384,773	384,773	384,773	3,089,203
	Demand (D2)	33,596	33,596	30,345	33,596	0	0	0	0	131,134
	Gas Cost	3,242,904	3,826,380	4,145,873	4,073,449	3,960,722	3,667,576	3,168,549	2,840,447	28,925,899
	Transp. Cost	50,750	53,227	59,709	62,894	62,840	58,287	51,439	43,959	443,105
Texas Eastern	Demand (D1)	67,790	67,790	67,790	67,790	67,790	67,790	67,790	67,790	542,320
	Demand (D2)	2,093	2,093	1,890	2,093	0	0	0	0	8,168
	Gas Cost	428,110	460,079	407,190	757,545	681,779	702,630	685,413	721,089	4,843,836
	Transp. Cost	6,840	6,840	6,178	12,493	12,090	12,493	12,090	12,493	81,517
NFGSC	Demand (D1)	2,626,126	2,641,222	2,651,293	2,661,364	2,656,318	2,651,293	2,651,293	2,651,293	21,190,202
	Demand (D2)	0	0	0	0	0	0	0	0	0
	Gas Cost	1,497,388	1,838,210	1,118,869	542,167	0	0	0	0	4,996,634
	Transp. Cost	63,244	85,298	71,827	56,997	22,709	0	0	0	300,075
Total Purchase	Demand	<u>\$3,144,870</u>	<u>\$3,148,947</u>	<u>\$3,155,484</u>	<u>\$3,169,089</u>	<u>\$3,147,304</u>	<u>\$3,142,279</u>	<u>\$3,142,279</u>	<u>\$3,142,279</u>	<u>\$25,192,530</u>
	Commodity	<u>\$5,397,696</u>	<u>\$6,418,454</u>	<u>\$5,938,984</u>	<u>\$5,638,793</u>	<u>\$5,035,455</u>	<u>\$4,641,423</u>	<u>\$4,128,744</u>	<u>\$3,815,824</u>	<u>\$41,015,374</u>
PAD Storage Rental and Transp. Storage Gas	Demand	1,522,956	1,522,956	1,522,956	1,522,956	1,632,066	1,632,066	1,632,066	1,632,066	12,620,088
	Commodity	60,454	83,356	58,298	42,416	4,818	43,264	49,292	43,211	385,109
PAD Storage Gas	Demand	3,837,987	5,523,927	4,146,106	2,718,134	(430,090)	(2,780,399)	(3,129,995)	(2,777,181)	7,108,489
	Commodity	3,812,741	5,487,590	4,118,833	2,700,253	(427,261)	(2,762,109)	(3,109,406)	(2,758,912)	7,061,729
Total NFGDC PAD	Demand	8,505,813	10,195,830	8,824,546	7,410,179	4,349,280	1,993,946	1,644,350	1,997,164	44,921,107
	Commodity	9,270,891	11,989,400	10,116,115	8,381,462	4,613,012	1,922,578	1,068,630	1,100,123	48,462,212
	Total	<u>\$17,776,704</u>	<u>\$22,185,230</u>	<u>\$18,940,661</u>	<u>\$15,791,641</u>	<u>\$8,962,292</u>	<u>\$3,916,524</u>	<u>\$2,712,980</u>	<u>\$3,097,287</u>	<u>\$93,383,319</u>

National Fuel Gas Distribution Corporation
 Pennsylvania Division - 1307(f) 2024
 Upstream Purchase and Storage Cost
 For the Twelve Months Ending July 2025

Company	Component	Aug-25	Sep-25	Oct-25	Nov-25	Dec-25	Jan-26	Feb-26	Mar-26	Apr-26	May-26	Jun-26	Jul-26	Total
Columbia	Demand (D1)	38,423	38,423	38,423	38,423	38,423	38,423	38,423	38,423	38,423	38,423	38,423	38,423	461,076
	Demand (D2)	0	0	0	0	0	0	0	0	0	0	0	0	0
	Gas Cost	354,082	330,420	196,075	78,326	177,571	192,792	168,294	169,929	189,750	266,128	339,574	260,764	2,723,704
	Transp. Cost	1,022	302	874	966	1,761	1,759	1,589	1,761	1,704	1,761	1,704	1,761	16,964
Tennessee	Demand (D1)	384,773	384,773	384,773	384,773	384,773	368,737	368,737	368,737	368,737	368,737	368,737	368,737	4,505,024
	Demand (D2)	0	0	0	0	0	0	0	0	0	0	0	0	0
	Gas Cost	3,098,668	2,733,715	4,440,909	2,808,131	5,370,350	5,115,342	4,675,964	2,997,658	4,691,755	4,202,773	3,457,558	3,180,516	46,773,338
	Transp. Cost	48,191	46,782	75,712	38,784	63,940	55,354	52,412	36,228	60,309	55,937	47,641	42,185	623,475
Texas Eastern	Demand (D1)	67,790	67,790	67,790	67,790	67,790	68,120	68,120	68,120	68,120	68,120	68,120	68,120	815,790
	Demand (D2)	0	0	0	0	0	0	0	0	0	0	0	0	0
	Gas Cost	722,419	652,713	669,232	419,325	945,070	530,604	468,090	907,827	739,306	734,934	716,977	756,130	8,262,627
	Transp. Cost	12,493	12,090	12,493	6,619	12,493	6,840	6,178	12,493	12,090	12,493	12,090	12,493	130,865
NFGSC	Demand (D1)	2,661,364	2,651,293	2,646,267	2,646,267	2,641,222	2,621,100	2,631,151	2,646,267	2,646,267	2,641,222	2,646,267	2,646,267	31,724,954
	Demand (D2)	0	0	0	0	0	0	0	0	0	0	0	0	0
	Gas Cost	0	0	0	882,750	1,969,334	2,378,996	1,458,467	827,310	0	0	0	0	7,516,857
	Transp. Cost	0	0	3,752	33,331	63,035	85,060	71,631	56,844	22,629	0	0	0	336,282
Total Purchase	Demand	<u>\$3,152,350</u>	<u>\$3,142,279</u>	<u>\$3,137,253</u>	<u>\$3,137,253</u>	<u>\$3,132,208</u>	<u>\$3,096,380</u>	<u>\$3,106,431</u>	<u>\$3,121,547</u>	<u>\$3,121,547</u>	<u>\$3,116,502</u>	<u>\$3,121,547</u>	<u>\$3,121,547</u>	<u>\$37,506,844</u>
	Commodity	<u>\$4,236,875</u>	<u>\$3,776,022</u>	<u>\$5,399,046</u>	<u>\$4,268,232</u>	<u>\$8,603,554</u>	<u>\$8,366,746</u>	<u>\$6,902,625</u>	<u>\$5,010,050</u>	<u>\$5,717,543</u>	<u>\$5,274,025</u>	<u>\$4,575,544</u>	<u>\$4,253,849</u>	<u>\$66,384,112</u>
PAD Storage Rental and Transp. Storage Gas	Demand	1,632,066	1,632,066	1,834,440	1,834,440	1,834,440	1,834,440	1,834,440	1,834,440	1,632,066	1,632,066	1,632,066	1,632,066	20,799,036
	Commodity	50,840	48,461	46,108	31,901	37,179	77,563	70,909	67,090	2,748	44,531	49,292	44,391	571,013
PAD Storage Gas	Demand	(3,210,125)	(3,046,154)	(2,963,690)	2,035,187	2,371,912	5,228,214	4,504,148	4,244,470	(329,424)	(2,862,959)	(3,149,502)	(2,855,685)	(33,608)
	Commodity	(3,189,009)	(3,026,115)	(3,454,183)	2,372,012	2,764,464	6,093,487	5,249,589	4,946,933	(383,943)	(3,336,782)	(3,670,747)	(3,328,304)	1,037,402
Total NFGDC PAD	Demand	1,574,291	1,728,191	2,008,003	7,006,880	7,338,560	10,159,034	9,445,019	9,200,457	4,424,189	1,885,609	1,604,111	1,897,928	58,272,272
	Commodity	1,098,706	798,368	1,990,971	6,672,145	11,405,197	14,537,796	12,223,123	10,024,073	5,336,348	1,981,774	954,089	969,936	67,992,527
	Total	<u>\$2,672,997</u>	<u>\$2,526,559</u>	<u>\$3,998,974</u>	<u>\$13,679,025</u>	<u>\$18,743,757</u>	<u>\$24,696,830</u>	<u>\$21,668,142</u>	<u>\$19,224,530</u>	<u>\$9,760,537</u>	<u>\$3,867,383</u>	<u>\$2,558,200</u>	<u>\$2,867,864</u>	<u>\$126,264,799</u>

National Fuel Gas Distribution Corporation
 Pennsylvania Division - 1307(f) 2024
 Summary of Storage Volume (Dt)

Storage Volume (Dt)			Aug-25	Sep-25	Oct-25	Nov-25	Dec-25	Jan-26	Feb-26	Mar-26	Apr-26	May-26	Jun-26	Jul-26	Total	
Col. - FSS	Storage Rental	Demand	18,417	18,417	18,417	18,417	18,417	18,417	18,417	18,417	18,417	18,417	18,417	18,417	221,004	
		Capacity	564,031	564,031	564,031	564,031	564,031	564,031	564,031	564,031	564,031	564,031	564,031	564,031	6,768,372	
		Injection	105,064	122,819	48,949	0	0	0	0	0	20,964	47,094	73,730	44,384	463,004	
	Storage Transp.	Withdrawal	0	0	0	0	0	225,612	155,846	56,403	0	0	0	0	0	437,861
		Demand	9,209	9,209	18,417	18,417	18,417	18,417	18,417	18,417	9,209	9,209	9,209	9,209	165,756	
		Injection	105,064	122,819	48,949	0	0	0	0	0	20,964	47,094	73,730	44,384	463,004	
	Gas Cost	Withdrawal	0	0	0	0	0	220,811	152,529	55,203	0	0	0	0	0	428,543
		Injection	(106,667)	(124,025)	(49,100)	0	0	0	0	0	(21,299)	(46,731)	(73,842)	(43,950)	(465,614)	
		Withdrawal	0	0	0	0	0	225,612	155,846	56,403	0	0	0	0	0	437,861
NFGSC - ESS	Storage Rental	Demand	187,563	187,563	187,563	187,563	187,563	187,563	187,563	187,563	187,563	187,563	187,563	187,563	2,250,756	
		Capacity	8,755,100	8,755,100	8,755,100	8,755,100	8,755,100	8,755,100	8,755,100	8,755,100	8,755,100	8,755,100	8,755,100	8,755,100	105,061,200	
		Injection	0	0	0	0	0	251,755	46,270	0	0	0	0	0	0	298,025
	Gas Cost	Withdrawal	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Injection	(1,071,670)	(989,234)	(1,025,375)	0	0	0	0	0	0	(989,234)	(1,071,670)	(989,234)	(6,136,417)	
		Withdrawal	0	0	0	778,066	906,798	1,401,415	1,483,851	1,566,287	0	0	0	0	0	6,136,417
	NFGSC - FSS	Storage Rental	Demand	10,666	10,666	10,666	10,666	10,666	10,666	10,666	10,666	10,666	10,666	10,666	10,666	127,992
			Capacity	200,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000	2,400,000
			Injection	24,000	24,000	24,000	24,000	24,000	24,000	24,000	24,000	24,000	24,000	24,000	24,000	288,000
Gas Cost		Withdrawal	0	0	0	0	0	0	0	0	0	0	0	0	0	
		Injection	(24,000)	(26,000)	(26,000)	0	0	0	0	0	(2,000)	(26,000)	(26,000)	(26,000)	(156,000)	
		Withdrawal	0	0	0	0	0	120,000	36,000	0	0	0	0	0	0	156,000
NFGSC - FSS (New)		Storage Rental	Demand	14,000	14,000	14,000	14,000	14,000	14,000	14,000	14,000	14,000	14,000	14,000	14,000	168,000
			Capacity	651,274	651,274	651,274	651,274	651,274	651,274	651,274	651,274	651,274	651,274	651,274	651,274	7,815,288
			Injection	32,564	32,564	32,564	32,564	32,564	32,564	32,564	32,564	32,564	32,564	32,564	32,564	390,768
	Gas Cost	Withdrawal	0	0	0	0	0	0	0	0	0	0	0	0	0	
		Injection	(32,564)	(32,564)	(32,564)	0	0	0	0	0	(102,642)	(32,564)	(32,564)	(32,564)	(298,026)	
		Withdrawal	0	0	0	0	0	251,755	46,270	0	0	0	0	0	0	298,025

National Fuel Gas Distribution Corporation
 Pennsylvania Division - 1307(f) 2024
 Summary of Storage Unit Cost

Storage Unit Cost (\$/Dt)			Aug-25	Sep-25	Oct-25	Nov-25	Dec-25	Jan-26	Feb-26	Mar-26	Apr-26	May-26	Jun-26	Jul-26
Col. - FSS	Storage Rental	Demand	6.4610	6.4610	6.4610	6.4610	6.4610	6.4610	6.4610	6.4610	6.4610	6.4610	6.4610	6.4610
		Capacity	0.1160	0.1160	0.1160	0.1160	0.1160	0.1160	0.1160	0.1160	0.1160	0.1160	0.1160	0.1160
		Injection	0.0333	0.0333	0.0333	0.0333	0.0333	0.0333	0.0333	0.0333	0.0333	0.0333	0.0333	0.0333
		Withdrawal	0.0333	0.0333	0.0333	0.0333	0.0333	0.0333	0.0333	0.0333	0.0333	0.0333	0.0333	0.0333
	Storage Transp.	Demand	21.9780	21.9780	21.9780	21.9780	21.9780	21.9780	21.9780	21.9780	21.9780	21.9780	21.9780	21.9780
		Injection	0.0186	0.0186	0.0186	0.0186	0.0186	0.0186	0.0186	0.0186	0.0186	0.0186	0.0186	0.0186
	Gas Cost	Withdrawal	0.0180	0.0180	0.0180	0.0180	0.0180	0.0180	0.0180	0.0180	0.0180	0.0180	0.0180	0.0180
		Demand	2.5995	2.5995	2.6157	2.6157	2.6157	2.6157	2.6157	2.6157	2.6157	2.6157	2.6157	2.6157
		Commodity	2.5824	2.5824	3.0486	3.0486	3.0486	3.0486	3.0486	3.0486	3.0486	3.0486	3.0486	3.0486
	NFGSC - ESS	Storage Rental	Demand	3.2263	3.2263	3.2263	3.2263	3.2263	3.2263	3.2263	3.2263	3.2263	3.2263	3.2263
Capacity			0.0589	0.0589	0.0589	0.0589	0.0589	0.0589	0.0589	0.0589	0.0589	0.0589	0.0589	0.0589
Injection			0.0410	0.0410	0.0410	0.0410	0.0410	0.0410	0.0410	0.0410	0.0410	0.0410	0.0410	0.0410
Withdrawal			0.0410	0.0410	0.0410	0.0410	0.0410	0.0410	0.0410	0.0410	0.0410	0.0410	0.0410	0.0410
Gas Cost		Demand	2.5995	2.5995	2.6157	2.6157	2.6157	2.6157	2.6157	2.6157	2.6157	2.6157	2.6157	2.6157
		Commodity	2.5824	2.5824	3.0486	3.0486	3.0486	3.0486	3.0486	3.0486	3.0486	3.0486	3.0486	3.0486
NFGSC - FSS	Storage Rental	Demand	3.1020	3.1020	3.1020	3.1020	3.1020	3.1020	3.1020	3.1020	3.1020	3.1020	3.1020	3.1020
		Capacity	0.0563	0.0563	0.0563	0.0563	0.0563	0.0563	0.0563	0.0563	0.0563	0.0563	0.0563	0.0563
		Injection	0.0395	0.0395	0.0395	0.0395	0.0395	0.0395	0.0395	0.0395	0.0395	0.0395	0.0395	0.0395
		Withdrawal	0.0395	0.0395	0.0395	0.0395	0.0395	0.0395	0.0395	0.0395	0.0395	0.0395	0.0395	0.0395
	Gas Cost	Demand	2.5995	2.5995	2.6157	2.6157	2.6157	2.6157	2.6157	2.6157	2.6157	2.6157	2.6157	2.6157
		Commodity	2.5824	2.5824	3.0486	3.0486	3.0486	3.0486	3.0486	3.0486	3.0486	3.0486	3.0486	3.0486
NFGSC - FSS (N.Storage Rental)	Storage Rental	Demand	3.1020	3.1020	3.1020	3.1020	3.1020	3.1020	3.1020	3.1020	3.1020	3.1020	3.1020	3.1020
		Capacity	0.0563	0.0563	0.0563	0.0563	0.0563	0.0563	0.0563	0.0563	0.0563	0.0563	0.0563	0.0563
		Injection	0.0154	0.0154	0.0154	0.0154	0.0154	0.0154	0.0154	0.0154	0.0154	0.0154	0.0154	0.0154
		Withdrawal	0.0154	0.0154	0.0154	0.0154	0.0154	0.0154	0.0154	0.0154	0.0154	0.0154	0.0154	0.0154
	Gas Cost	Demand	2.5995	2.5995	2.6157	2.6157	2.6157	2.6157	2.6157	2.6157	2.6157	2.6157	2.6157	2.6157
		Commodity	2.5824	2.5824	3.0486	3.0486	3.0486	3.0486	3.0486	3.0486	3.0486	3.0486	3.0486	3.0486

Storage Cost (\$)			Dec-24	Jan-25	Feb-25	Mar-25	Apr-25	May-25	Jun-25	Jul-25	Total	
Col. - FSS	Storage Rental	Demand	53,962	53,962	53,962	53,962	118,992	118,992	118,992	118,992	691,816	
		Capacity	29,499	29,499	29,499	29,499	65,428	65,428	65,428	65,428	379,708	
		Injection	0	0	0	0	2,077	755	2,455	721	6,008	
	Storage Transp.	Withdrawal	152	3,417	2,538	863	0	0	0	0	6,970	
		Demand	194,244	194,244	194,244	194,244	202,395	202,395	202,395	202,395	1,586,556	
		Injection	0	0	0	0	1,160	422	1,371	403	3,356	
	Injection	Withdrawal	174	3,934	2,922	994	0	0	0	0	8,024	
		Demand	0	0	0	0	(163,272)	(56,648)	(191,952)	(53,430)	(465,302)	
		Commodity	0	0	0	0	(162,198)	(56,276)	(190,690)	(53,079)	(462,243)	
	Withdrawal	Demand	25,740	580,471	431,205	146,620	0	0	0	0	1,184,036	
Commodity		25,571	576,653	428,369	145,655	0	0	0	0	1,176,248		
NFGSC - ESS	Storage Rental	Demand	605,135	605,135	605,135	605,135	605,135	605,135	605,135	605,135	4,841,080	
		Capacity	515,675	515,675	515,675	515,675	515,675	515,675	515,675	515,675	4,125,400	
		Injection	0	0	0	0	0	40,559	43,938	40,559	125,056	
		Withdrawal	60,128	74,210	44,085	40,559	0	0	0	0	218,982	
	Injection	Demand	0	0	0	0	0	(2,571,514)	(2,785,806)	(2,571,514)	(7,928,834)	
		Commodity	0	0	0	0	0	(2,554,598)	(2,767,481)	(2,554,598)	(7,876,677)	
		Withdrawal	3,812,247	4,705,126	2,795,123	2,571,514	0	0	0	0	13,884,010	
	Withdrawal	Demand	3,787,170	4,674,175	2,776,736	2,554,598	0	0	0	0	13,792,679	
		Commodity										
	NFGSC - FSS	Storage Rental	Demand	33,086	33,086	33,086	33,086	33,086	33,086	33,086	33,086	264,688
Capacity			11,260	11,260	11,260	11,260	11,260	11,260	11,260	11,260	90,080	
Injection			0	0	0	0	0	1,027	1,027	1,027	3,081	
Withdrawal			0	643	5,416	0	0	0	0	0	6,059	
Injection		Demand	0	0	0	0	0	(67,587)	(67,587)	(67,587)	(202,761)	
		Commodity	0	0	0	0	0	(67,142)	(67,142)	(67,142)	(201,426)	
		Withdrawal	0	43,880	356,443	0	0	0	0	0	400,323	
Withdrawal		Demand	0	43,591	354,099	0	0	0	0	0	397,690	
		Commodity										
NFGSC - FSS (New)		Storage Rental	Demand	43,428	43,428	43,428	43,428	43,428	43,428	43,428	43,428	347,424
	Capacity		36,667	36,667	36,667	36,667	36,667	36,667	36,667	36,667	293,336	
	Injection		0	0	0	0	1,581	501	501	501	3,084	
	Withdrawal		0	1,152	3,337	0	0	0	0	0	4,489	
	Injection	Demand	0	0	0	0	(266,818)	(84,650)	(84,650)	(84,650)	(520,768)	
		Commodity	0	0	0	0	(265,063)	(84,093)	(84,093)	(84,093)	(517,342)	
		Withdrawal	0	194,450	563,335	0	0	0	0	0	757,785	
	Withdrawal	Demand	0	193,171	559,629	0	0	0	0	0	752,800	
		Commodity										
	Total Cost			\$9,234,138	\$12,617,829	\$9,846,193	\$6,983,759	\$779,533	(\$3,867,178)	(\$4,558,043)	(\$3,860,816)	\$27,175,415
Summary	Storage Rental	Demand	\$1,328,712	\$1,328,712	\$1,328,712	\$1,328,712	\$1,429,671	\$1,429,671	\$1,429,671	\$1,429,671	\$11,033,532	
		Commodity	\$60,280	\$79,422	\$55,376	\$41,422	\$3,658	\$42,842	\$47,921	\$42,808	\$373,729	
	Storage Transp.	Demand	\$194,244	\$194,244	\$194,244	\$194,244	\$202,395	\$202,395	\$202,395	\$202,395	\$1,586,556	
		Commodity	\$174	\$3,934	\$2,922	\$994	\$1,160	\$422	\$1,371	\$403	\$11,380	
	Gas Cost	Demand	\$3,837,987	\$5,523,927	\$4,146,106	\$2,718,134	(\$430,090)	(\$2,780,399)	(\$3,129,995)	(\$2,777,181)	\$7,108,489	
		Commodity	\$3,812,741	\$5,487,590	\$4,118,833	\$2,700,253	(\$427,261)	(\$2,762,109)	(\$3,109,406)	(\$2,758,912)	\$7,061,729	
	Total Cost			\$9,234,138	\$12,617,829	\$9,846,193	\$6,983,759	\$779,533	(\$3,867,178)	(\$4,558,043)	(\$3,860,816)	\$27,175,415

National Fuel Gas Distribution Corporation
 Pennsylvania Division - 1307(f) 2024
 Summary of Storage Cost

Storage Cost (\$)			Aug-25	Sep-25	Oct-25	Nov-25	Dec-25	Jan-26	Feb-26	Mar-26	Apr-26	May-26	Jun-26	Jul-26	Total	
Col. - FSS	Storage Rental	Demand	118,992	118,992	118,992	118,992	118,992	118,992	118,992	118,992	118,992	118,992	118,992	118,992	1,427,904	
		Capacity	65,428	65,428	65,428	65,428	65,428	65,428	65,428	65,428	65,428	65,428	65,428	65,428	785,136	
		Injection	3,499	4,090	1,630	0	0	0	0	0	698	1,568	2,455	1,478	15,418	
	Storage Transp.	Withdrawal	0	0	0	0	0	7,513	5,190	1,878	0	0	0	0	0	14,581
		Demand	202,395	202,395	404,769	404,769	404,769	404,769	404,769	404,769	202,395	202,395	202,395	202,395	3,642,984	
		Injection	1,954	2,284	910	0	0	0	0	0	390	876	1,371	826	8,611	
	Injection	Withdrawal	0	0	0	0	0	3,975	2,746	994	0	0	0	0	7,715	
		Demand	(277,281)	(322,403)	(128,431)	0	0	0	0	0	(55,712)	(122,234)	(193,149)	(114,960)	(1,214,170)	
		Commodity	(275,457)	(320,282)	(149,686)	0	0	0	0	0	(64,932)	(142,464)	(225,115)	(133,986)	(1,311,922)	
	Withdrawal	Demand	0	0	0	0	0	590,133	407,646	147,533	0	0	0	0	1,145,312	
		Commodity	0	0	0	0	0	687,801	475,112	171,950	0	0	0	0	1,334,863	
	NFGSC - ESS	Storage Rental	Demand	605,135	605,135	605,135	605,135	605,135	605,135	605,135	605,135	605,135	605,135	605,135	605,135	7,261,620
Capacity			515,675	515,675	515,675	515,675	515,675	515,675	515,675	515,675	515,675	515,675	515,675	515,675	6,188,100	
Injection			0	0	0	0	0	10,322	1,897	0	0	0	0	0	12,219	
Injection		Withdrawal	0	0	0	0	0	0	0	0	0	0	0	0	0	
		Demand	(2,785,806)	(2,571,514)	(2,682,073)	0	0	0	0	0	0	(2,587,539)	(2,803,167)	(2,587,539)	(16,017,638)	
		Commodity	(2,767,481)	(2,554,598)	(3,125,958)	0	0	0	0	0	0	(3,015,779)	(3,267,093)	(3,015,779)	(17,746,888)	
Withdrawal		Demand	0	0	0	2,035,187	2,371,912	3,665,681	3,881,309	4,096,937	0	0	0	0	16,051,026	
		Commodity	0	0	0	2,372,012	2,764,464	4,272,354	4,523,668	4,774,983	0	0	0	0	18,707,481	
NFGSC - FSS		Storage Rental	Demand	33,086	33,086	33,086	33,086	33,086	33,086	33,086	33,086	33,086	33,086	33,086	33,086	397,032
			Capacity	11,260	11,260	11,260	11,260	11,260	11,260	11,260	11,260	11,260	11,260	11,260	11,260	135,120
			Injection	948	948	948	948	948	948	948	948	948	948	948	948	11,376
		Injection	Withdrawal	0	0	0	0	0	0	0	0	0	0	0	0	0
	Demand		(62,388)	(67,587)	(68,008)	0	0	0	0	0	(5,231)	(68,008)	(68,008)	(68,008)	(407,238)	
	Commodity		(61,978)	(67,142)	(79,264)	0	0	0	0	0	(6,097)	(79,264)	(79,264)	(79,264)	(452,273)	
	Withdrawal	Demand	0	0	0	0	0	313,884	94,165	0	0	0	0	0	408,049	
		Commodity	0	0	0	0	0	365,832	109,750	0	0	0	0	0	475,582	
	NFGSC - FSS (New)	Storage Rental	Demand	43,428	43,428	43,428	43,428	43,428	43,428	43,428	43,428	43,428	43,428	43,428	43,428	521,136
			Capacity	36,667	36,667	36,667	36,667	36,667	36,667	36,667	36,667	36,667	36,667	36,667	36,667	440,004
			Injection	501	501	501	501	501	501	501	501	501	501	501	501	6,012
		Injection	Withdrawal	0	0	0	0	0	0	0	0	0	0	0	0	0
Demand			(84,650)	(84,650)	(85,178)	0	0	0	0	0	(268,481)	(85,178)	(85,178)	(85,178)	(778,493)	
Commodity			(84,093)	(84,093)	(99,275)	0	0	0	0	0	(312,914)	(99,275)	(99,275)	(99,275)	(878,200)	
Withdrawal		Demand	0	0	0	0	0	658,516	121,028	0	0	0	0	0	779,544	
		Commodity	0	0	0	0	0	767,500	141,059	0	0	0	0	0	908,559	
Total Cost			(4,760,166)	(4,432,380)	(4,579,444)	6,243,088	6,972,265	13,179,400	11,599,459	11,030,164	921,236	(4,563,782)	(5,182,908)	(4,548,170)	21,878,762	
Summary		Storage Rental	Demand	1,429,671	1,429,671	1,429,671	1,429,671	1,429,671	1,429,671	1,429,671	1,429,671	1,429,671	1,429,671	1,429,671	1,429,671	17,156,052
			Commodity	\$4,948	\$5,539	\$3,079	\$1,449	\$1,449	\$19,284	\$8,536	\$3,327	\$2,147	\$3,017	\$3,904	\$2,927	\$59,606
		Storage Transp.	Demand	\$202,395	\$202,395	\$404,769	\$404,769	\$404,769	\$404,769	\$404,769	\$404,769	\$202,395	\$202,395	\$202,395	\$202,395	\$3,642,984
	Commodity		\$1,954	\$2,284	\$910	\$0	\$0	\$3,975	\$2,746	\$994	\$390	\$876	\$1,371	\$826	\$16,326	
	Gas Cost	Demand	(\$3,210,125)	(\$3,046,154)	(\$2,963,690)	\$2,035,187	\$2,371,912	\$5,228,214	\$4,504,148	\$4,244,470	(\$329,424)	(\$2,862,959)	(\$3,149,502)	(\$2,855,685)	(\$33,608)	
		Commodity	(\$3,189,009)	(\$3,026,115)	(\$3,454,183)	\$2,372,012	\$2,764,464	\$6,093,487	\$5,249,589	\$4,946,933	(\$383,943)	(\$3,336,782)	(\$3,670,747)	(\$3,328,304)	\$1,037,402	
	Total Cost			(4,760,166)	(4,432,380)	(4,579,444)	6,243,088	6,972,265	13,179,400	11,599,459	11,030,164	921,236	(4,563,782)	(5,182,908)	(4,548,170)	21,878,762

National Fuel Gas Distribution Corporation
 Pennsylvania Division - 1307(f) 2025
 Unit Storage Gas Cost (\$/Dt)
 For the Twelve Months Ending September 2025

	Oct-24*	Nov-24*	Dec-24	Jan-25	Feb-25	Mar-25	Apr-25	May-25	Jun-25	Jul-25	Aug-25	Sep-25	Total
Unit Storage Demand Gas Cost (\$/Dt)													
Upstream Purchased Gas Cost	\$3,094,737	\$3,118,166	\$3,144,870	\$3,148,947	\$3,155,484	\$3,169,089	\$3,147,304	\$3,142,279	\$3,142,279	\$3,142,279	\$3,152,350	\$3,142,279	\$37,700,063
Appalachian Gas Cost	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Local Production Gas Cost	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Storage Rental & Transp. Cost	\$1,225,420	\$1,224,494	\$1,522,956	\$1,522,956	\$1,522,956	\$1,522,956	\$1,632,066	\$1,632,066	\$1,632,066	\$1,632,066	\$1,632,066	\$1,632,066	\$18,334,134
Total Demand Cost	\$4,320,157	\$4,342,660	\$4,667,826	\$4,671,903	\$4,678,440	\$4,692,045	\$4,779,370	\$4,774,345	\$4,774,345	\$4,774,345	\$4,784,416	\$4,774,345	\$56,034,197
Less: Offsystem Sales Purchase	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Net Demand Cost	\$4,320,157	\$4,342,660	\$4,667,826	\$4,671,903	\$4,678,440	\$4,692,045	\$4,779,370	\$4,774,345	\$4,774,345	\$4,774,345	\$4,784,416	\$4,774,345	\$56,034,197
Total Receipt Volume (Dt)	1,731,483	1,267,926	1,967,012	2,187,266	2,097,511	2,158,627	1,999,291	1,857,575	1,681,241	1,499,451	1,666,918	1,602,280	21,716,581
Less: Total Shrinkage (Dt)	31,854	24,216	12,926	22,433	20,296	17,345	13,582	3,104	3,161	3,082	4,401	4,258	160,658
Less: Offsystem Sales Purchase	0	0	0	0	0	0	0	0	0	0	0	0	0
Net Volume (Dt)	1,699,629	1,243,710	1,954,086	2,164,833	2,077,215	2,141,282	1,985,709	1,854,471	1,678,080	1,496,369	1,662,517	1,598,022	21,555,923
Unit Storage Demand Gas Cost													\$2.5995
Unit Storage Commodity Gas Cost (\$/Dt)													
Upstream Purchased Gas Cost	\$3,073,152	\$2,700,516	\$5,397,696	\$6,418,454	\$5,938,984	\$5,638,793	\$5,035,455	\$4,641,423	\$4,128,744	\$3,815,824	\$4,236,875	\$3,776,022	\$54,801,939
Appalachian Gas Cost	\$0	\$0	\$792	\$37,213	\$31,759	\$31,119	\$29,796	\$32,257	\$33,477	\$36,943	\$37,482	\$0	\$270,838
Local Production Gas Cost	\$23,183	\$32,900	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$56,083
Storage Rental & Transp. Cost	\$30,208	\$26,068	\$60,454	\$83,356	\$58,298	\$42,416	\$4,818	\$43,264	\$49,292	\$43,211	\$50,840	\$48,461	\$540,686
Total Commodity Cost	\$3,126,543	\$2,759,484	\$5,458,942	\$6,539,023	\$6,029,041	\$5,712,328	\$5,070,069	\$4,716,944	\$4,211,513	\$3,895,978	\$4,325,197	\$3,824,483	\$55,669,545
Less: Offsystem Sales Purchase	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Net Commodity Cost	\$3,126,543	\$2,759,484	\$5,458,942	\$6,539,023	\$6,029,041	\$5,712,328	\$5,070,069	\$4,716,944	\$4,211,513	\$3,895,978	\$4,325,197	\$3,824,483	\$55,669,545
Total Receipt Volume (Dt)	1,731,483	1,267,926	1,967,012	2,187,266	2,097,511	2,158,627	1,999,291	1,857,575	1,681,241	1,499,451	1,666,918	1,602,280	21,716,581
Less: Total Shrinkage (Dt)	31,854	24,216	12,926	22,433	20,296	17,345	13,582	3,104	3,161	3,082	4,401	4,258	160,658
Less: Offsystem Sales Purchase	0	0	0	0	0	0	0	0	0	0	0	0	0
Net Volume (Dt)	1,699,629	1,243,710	1,954,086	2,164,833	2,077,215	2,141,282	1,985,709	1,854,471	1,678,080	1,496,369	1,662,517	1,598,022	21,555,923
Unit Storage Commodity Gas Cost (\$/Dt)													\$2.5824

* per Books.

National Fuel Gas Distribution Corporation
 Pennsylvania Division - 1307(f) 2024
 Unit Storage Gas Cost (\$/Dt)
 For the Twelve Months Ending September 2026

	Oct-25	Nov-25	Dec-25	Jan-26	Feb-26	Mar-26	Apr-26	May-26	Jun-26	Jul-26	Aug-26	Sep-26	Total
Unit Storage Demand Gas Cost (\$/Dt)													
Upstream Purchased Gas Cost	\$3,137,253	\$3,137,253	\$3,132,208	\$3,096,380	\$3,106,431	\$3,121,547	\$3,121,547	\$3,116,502	\$3,121,547	\$3,121,547	\$3,131,598	\$3,121,547	\$37,465,360
Appalachian Gas Cost	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Local Production Gas Cost	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Storage Rental & Transp. Cost	\$1,834,440	\$1,834,440	\$1,834,440	\$1,834,440	\$1,834,440	\$1,834,440	\$1,632,066	\$1,632,066	\$1,632,066	\$1,632,066	\$1,632,066	\$1,632,066	\$20,799,036
Total Demand Cost	\$4,971,693	\$4,971,693	\$4,966,648	\$4,930,820	\$4,940,871	\$4,955,987	\$4,753,613	\$4,748,568	\$4,753,613	\$4,753,613	\$4,763,664	\$4,753,613	\$58,264,396
Less: Offsystem Sales Purchase	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Net Demand Cost	\$4,971,693	\$4,971,693	\$4,966,648	\$4,930,820	\$4,940,871	\$4,955,987	\$4,753,613	\$4,748,568	\$4,753,613	\$4,753,613	\$4,763,664	\$4,753,613	\$58,264,396
Total Receipt Volume (Dt)	2,275,825	1,461,932	2,533,286	2,305,327	1,961,348	1,569,876	1,955,866	1,881,429	1,681,057	1,521,813	1,643,159	1,601,585	22,392,503
Less: Total Shrinkage (Dt)	4,685	7,140	19,627	23,628	18,657	10,976	12,647	3,635	4,129	3,576	4,401	4,258	117,359
Less: Offsystem Sales Purchase	0	0	0	0	0	0	0	0	0	0	0	0	0
Net Volume (Dt)	2,271,140	1,454,792	2,513,659	2,281,699	1,942,691	1,558,900	1,943,219	1,877,794	1,676,928	1,518,237	1,638,758	1,597,327	22,275,144
Unit Storage Demand Gas Cost													\$2.6157
Unit Storage Commodity Gas Cost (\$/Dt)													
Upstream Purchased Gas Cost	\$5,399,046	\$4,268,232	\$8,603,554	\$8,366,746	\$6,902,625	\$5,010,050	\$5,717,543	\$5,274,025	\$4,575,544	\$4,253,849	\$4,523,188	\$4,059,401	\$66,953,804
Appalachian Gas Cost	0	0	\$48,353	\$51,737	\$44,066	\$42,094	\$36,461	\$38,081	\$38,780	\$42,169	42,708	0	\$384,449
Local Production Gas Cost	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Storage Rental & Transp. Cost	\$46,108	\$31,901	\$37,179	\$77,563	\$70,909	\$67,090	\$2,748	\$44,531	\$49,292	\$44,391	\$49,661	\$48,461	\$569,834
Total Commodity Cost	\$5,445,154	\$4,300,133	\$8,689,086	\$8,496,046	\$7,017,600	\$5,119,234	\$5,756,752	\$5,356,637	\$4,663,616	\$4,340,409	\$4,615,557	\$4,107,862	\$67,908,087
Less: Offsystem Sales Purchase	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Net Commodity Cost	\$5,445,154	\$4,300,133	\$8,689,086	\$8,496,046	\$7,017,600	\$5,119,234	\$5,756,752	\$5,356,637	\$4,663,616	\$4,340,409	\$4,615,557	\$4,107,862	\$67,908,087
Total Receipt Volume (Dt)	2,275,825	1,461,932	2,533,286	2,305,327	1,961,348	1,569,876	1,955,866	1,881,429	1,681,057	1,521,813	1,643,159	1,601,585	22,392,503
Less: Total Shrinkage (Dt)	4,685	7,140	19,627	23,628	18,657	10,976	12,647	3,635	4,129	3,576	4,401	4,258	117,359
Less: Offsystem Sales Purchase	0	0	0	0	0	0	0	0	0	0	0	0	0
Net Volume (Dt)	2,271,140	1,454,792	2,513,659	2,281,699	1,942,691	1,558,900	1,943,219	1,877,794	1,676,928	1,518,237	1,638,758	1,597,327	22,275,144
Unit Storage Commodity Gas Cost (\$/Dt)													\$3.0486

National Fuel Gas Distribution Corporation
 Pennsylvania Division - 1307(f) 2025
 Summary of Appalachian & Local Production Cost

Revenue Month	Dec-24	Jan-25	Feb-25	Mar-25	Apr-25	May-25	Jun-25	Jul-25	Aug-25	Sep-25	Oct-25	Nov-25
<u>NFGSC</u>												
Appalachian - PA (Dt)	351	14,973	13,524	14,973	14,490	14,973	14,490	14,973	14,973	0	0	0
Appalachian - PA (Mcf)	335	14,274	12,892	14,274	13,813	14,274	13,813	14,274	14,274	0	0	0
Amount (\$)	\$792	\$37,213	\$31,759	\$31,119	\$29,796	\$32,257	\$33,477	\$36,943	\$37,482	\$0	\$0	\$0
EFT Shrinkage (Dt)	4	163	147	163	158	163	158	163	163	0	0	0
EFT Shrinkage (Mcf)	4	156	141	156	151	156	151	156	156	0	0	0
<u>NFGDC</u>												
Appalachian - PA (Dt)	347	14,810	13,377	14,810	14,332	14,810	14,332	14,810	14,810	0	0	0
Appalachian - PA (Mcf)	331	14,118	12,751	14,118	13,662	14,118	13,662	14,118	14,118	0	0	0
Amount (\$)	\$792	\$37,213	\$31,759	\$31,119	\$29,796	\$32,257	\$33,477	\$36,943	\$37,482	\$0	\$0	\$0
<u>NFGDC</u>												
Local Production - PA (Dt)	0	0	0	0	0	0	0	0	0	0	0	0
Local Production - PA (Mcf)	0	0	0	0	0	0	0	0	0	0	0	0
Amount (\$)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<u>NFGDC</u>												
Total PA (Dt)	347	14,810	13,377	14,810	14,332	14,810	14,332	14,810	14,810	0	0	0
Total PA (Mcf)	331	14,118	12,751	14,118	13,662	14,118	13,662	14,118	14,118	0	0	0
Total Amount (\$)	\$792	\$37,213	\$31,759	\$31,119	\$29,796	\$32,257	\$33,477	\$36,943	\$37,482	\$0	\$0	\$0

National Fuel Gas Distribution Corporation
 Pennsylvania Division - 1307(f) 2025
 Summary of Appalachian & Local Production Cost

Revenue Month	Dec-25	Jan-26	Feb-26	Mar-26	Apr-26	May-26	Jun-26	Jul-26	Aug-26	Sep-26	Oct-26	Nov-26
<u>NFGSC</u>												
Appalachian - PA (Dt)	14,973	14,973	13,524	14,973	14,490	14,973	14,490	14,973	14,973	0	0	0
Appalachian - PA (Mcf)	14,274	14,274	12,892	14,274	13,813	14,274	13,813	14,274	14,274	0	0	0
Amount (\$)	\$48,353	\$51,737	\$44,066	\$42,094	\$36,461	\$38,081	\$38,780	\$42,169	\$42,708	\$0	\$0	\$0
EFT Shrinkage (Dt)	163	163	147	163	158	163	158	163	163	0	0	0
EFT Shrinkage (Mcf)	156	156	141	156	151	156	151	156	156	0	0	0
<u>NFGDC</u>												
Appalachian - PA (Dt)	14,810	14,810	13,377	14,810	14,332	14,810	14,332	14,810	14,810	0	0	0
Appalachian - PA (Mcf)	14,118	14,118	12,751	14,118	13,662	14,118	13,662	14,118	14,118	0	0	0
Amount (\$)	\$48,353	\$51,737	\$44,066	\$42,094	\$36,461	\$38,081	\$38,780	\$42,169	\$42,708	\$0	\$0	\$0
<u>NFGDC</u>												
Local Production - PA (Dt)	0	0	0	0	0	0	0	0	0	0	0	0
Local Production - PA (Mcf)	0	0	0	0	0	0	0	0	0	0	0	0
Amount (\$)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<u>NFGDC</u>												
Total PA (Dt)	14,810	14,810	13,377	14,810	14,332	14,810	14,332	14,810	14,810	0	0	0
Total PA (Mcf)	14,118	14,118	12,751	14,118	13,662	14,118	13,662	14,118	14,118	0	0	0
Total Amount (\$)	\$48,353	\$51,737	\$44,066	\$42,094	\$36,461	\$38,081	\$38,780	\$42,169	\$42,708	\$0	\$0	\$0

Revenue Month	Dec-24	Jan-25	Feb-25	Mar-25	Apr-25	May-25	Jun-25	Jul-25	Aug-25	Sep-25	Oct-25	Nov-25
Appalachian - PA (Dt)	351	14,973	13,524	14,973	14,490	14,973	14,490	14,973	14,973	0	0	0
Vol. @ Production Rate 1	351	14,973	13,524	14,973	14,490	14,973	14,490	14,973	14,973	0	0	0
Supply Production Rate 1	\$2.2553	\$2.4853	\$2.3483	\$2.0783	\$2.0563	\$2.1543	\$2.3103	\$2.4673	\$2.5033	\$2.4793	\$2.5533	\$2.8073
<u>Amount</u>												
@ Production Rate 1	\$792	\$37,213	\$31,759	\$31,119	\$29,796	\$32,257	\$33,477	\$36,943	\$37,482	\$0	\$0	\$0
Total Appalachian	\$792	\$37,213	\$31,759	\$31,119	\$29,796	\$32,257	\$33,477	\$36,943	\$37,482	\$0	\$0	\$0

Revenue Month	Dec-24	Jan-25	Feb-25	Mar-25	Apr-25	May-25	Jun-25	Jul-25	Aug-25	Sep-25	Oct-25	Nov-25
Local Production - PA (Dt)	0	0	0	0	0	0	0	0	0	0	0	0
Vol. @ Production Rate 1	0	0	0	0	0	0	0	0	0	0	0	0
Distribution Production Rate 1	\$2.137	\$2.367	\$2.230	\$1.960	\$1.938	\$2.036	\$2.192	\$2.349	\$2.385	\$2.361	\$2.435	\$2.689
<u>Amount</u>												
@ Production Rate 1	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Revenue Month	Dec-25	Jan-26	Feb-26	Mar-26	Apr-26	May-26	Jun-26	Jul-26	Aug-26	Sep-26	Oct-26	Nov-26
Appalachian - PA (Dt)	14,973	14,973	13,524	14,973	14,490	14,973	14,490	14,973	14,973	0	0	0
Vol. @ Production Rate 1	14,973	14,973	13,524	14,973	14,490	14,973	14,490	14,973	14,973	0	0	0
Supply Production Rate 1	\$3.2293	\$3.4553	\$3.2583	\$2.8113	\$2.5163	\$2.5433	\$2.6763	\$2.8163	\$2.8523	\$2.8203	\$2.8833	\$3.1113
Amount												
@ Production Rate 1	\$48,353	\$51,737	\$44,066	\$42,094	\$36,461	\$38,081	\$38,780	\$42,169	\$42,708	\$0	\$0	\$0
Total Appalachian	\$48,353	\$51,737	\$44,066	\$42,094	\$36,461	\$38,081	\$38,780	\$42,169	\$42,708	\$0	\$0	\$0

Revenue Month	Dec-25	Jan-26	Feb-26	Mar-26	Apr-26	May-26	Jun-26	Jul-26	Aug-26	Sep-26	Oct-26	Nov-26
Local Production - PA (Dt)	0	0	0	0	0	0	0	0	0	0	0	0
Vol. @ Production Rate 1	0	0	0	0	0	0	0	0	0	0	0	0
Distribution Production Rate 1	\$3.1110	\$3.3370	\$3.1400	\$2.6930	\$2.3980	\$2.4250	\$2.5580	\$2.6980	\$2.7340	\$2.7020	\$2.7650	\$2.9930
Amount												
@ Production Rate 1	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
@ Production Rate 2	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

National Fuel Gas Distribution Corporation
1307(f) 2025 Filing
Upstream Pipeline Rates

Pipeline	Service	Component	12/1/2024	1/1/2025	2/1/2025	3/1/2025	4/1/2025	5/1/2025	6/1/2025	7/1/2025	8/1/2025	9/1/2025	10/1/2025	
Columbia	FTS	Reservation	1,748	1,748	1,748	1,748	1,748	1,748	1,748	1,748	1,748	1,748	1,748	
		Reservation Rate	\$10.6660	\$10.6660	\$10.6660	\$10.6660	\$21.9810	\$21.9810	\$21.9810	\$21.9810	\$21.9810	\$21.9810	\$21.9810	\$21.9810
		Commodity - base	\$0.0125	\$0.0125	\$0.0125	\$0.0125	\$0.0172	\$0.0172	\$0.0172	\$0.0172	\$0.0172	\$0.0172	\$0.0172	\$0.0172
		Commodity - ACA	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014
		Commodity - Total	\$0.0139	\$0.0139	\$0.0139	\$0.0139	\$0.0186	\$0.0186	\$0.0186	\$0.0186	\$0.0186	\$0.0186	\$0.0186	\$0.0186
		Fuel Retention	2.128%	2.128%	2.128%	2.128%	2.128%	2.128%	2.128%	2.128%	2.128%	2.128%	2.128%	2.128%
	SST	Reservation	18,417	18,417	18,417	18,417	9,209	9,209	9,209	9,209	9,209	9,209	9,209	18,417
		Reservation Rate	\$10.5470	\$10.5470	\$10.5470	\$10.5470	\$21.9780	\$21.9780	\$21.9780	\$21.9780	\$21.9780	\$21.9780	\$21.9780	\$21.9780
		Inj. Commodity-base	\$0.0125	\$0.0125	\$0.0125	\$0.0125	\$0.0172	\$0.0172	\$0.0172	\$0.0172	\$0.0172	\$0.0172	\$0.0172	\$0.0172
		Inj. Commodity-ACA	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014
		Inj. Commodity-Total	0.0139	\$0.0139	\$0.0139	\$0.0139	\$0.0186	\$0.0186	\$0.0186	\$0.0186	\$0.0186	\$0.0186	\$0.0186	\$0.0186
		Withdr. Commodity	\$0.0180	\$0.0180	\$0.0180	\$0.0180	\$0.0180	\$0.0180	\$0.0180	\$0.0180	\$0.0180	\$0.0180	\$0.0180	\$0.0180
	Fuel Retention	2.128%	2.128%	2.128%	2.128%	2.128%	2.128%	2.128%	2.128%	2.128%	2.128%	2.128%	2.128%	
	FSS	Reservation	18,417	18,417	18,417	18,417	18,417	18,417	18,417	18,417	18,417	18,417	18,417	18,417
		Capacity	564,031	564,031	564,031	564,031	564,031	564,031	564,031	564,031	564,031	564,031	564,031	564,031
		Reservation Rate	\$2.9300	\$2.9300	\$2.9300	\$2.9300	\$6.4610	\$6.4610	\$6.4610	\$6.4610	\$6.4610	\$6.4610	\$6.4610	\$6.4610
		Capacity Rate	\$0.0523	\$0.0523	\$0.0523	\$0.0523	\$0.1160	\$0.1160	\$0.1160	\$0.1160	\$0.1160	\$0.1160	\$0.1160	\$0.1160
		Injection Rate	0.0153	\$0.0153	\$0.0153	\$0.0153	\$0.0333	\$0.0333	\$0.0333	\$0.0333	\$0.0333	\$0.0333	\$0.0333	\$0.0333
		Withdrawal Rate	0.0153	\$0.0153	\$0.0153	\$0.0153	\$0.0333	\$0.0333	\$0.0333	\$0.0333	\$0.0333	\$0.0333	\$0.0333	\$0.0333
	Fuel Retention	0.55%	0.55%	0.55%	0.55%	0.55%	0.55%	0.55%	0.55%	0.55%	0.55%	0.55%	0.55%	

Notes: (latest rates)

1. V1 - FTS Rates - Version 90.0.0 - Eff 12/1/24
2. V8 - SST Rates - Version 90.0.0 - Eff 12/1/24
3. V9 - FSS Rates - Version 11.0.0
4. V17 - Retainage Rates - Version 17.0.0

1. V1 - FTS Rates - Version 91.0.0 Eff 4/1/25 (pending Rate Case)
2. V8 - SST Rates - Version 91.0.0 Eff 4/1/25 (pending Rate Case)
3. V9 - FSS Rates - Version 12.0.0 (Pending Rate Case)

Columbia Tariff

National Fuel Gas Distribution Corporation
1307(f) 2025 Filing
Upstream Pipeline Rates

Pipeline	Service	Component	11/1/2025	12/1/2025	1/1/2026	2/1/2026	3/1/2026	4/1/2026	5/1/2026	6/1/2026	7/1/2026	8/1/2026	9/1/2026	10/1/2026	
Columbia	FTS	Reservation	1,748	1,748	1,748	1,748	1,748	1,748	1,748	1,748	1,748	1,748	1,748	1,748	
		Reservation Rate	\$21.9810	\$21.9810	\$21.9810	\$21.9810	\$21.9810	\$21.9810	\$21.9810	\$21.9810	\$21.9810	\$21.9810	\$21.9810	\$21.9810	\$21.9810
		Commodity - base	\$0.0172	\$0.0172	\$0.0172	\$0.0172	\$0.0172	\$0.0172	\$0.0172	\$0.0172	\$0.0172	\$0.0172	\$0.0172	\$0.0172	\$0.0172
		Commodity - ACA	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014
		Commodity - Total	\$0.0186	\$0.0186	\$0.0186	\$0.0186	\$0.0186	\$0.0186	\$0.0186	\$0.0186	\$0.0186	\$0.0186	\$0.0186	\$0.0186	\$0.0186
		Fuel Retention	2.128%	2.128%	2.128%	2.128%	2.128%	2.128%	2.128%	2.128%	2.128%	2.128%	2.128%	2.128%	2.128%
	SST	Reservation	18,417	18,417	18,417	18,417	18,417	9,209	9,209	9,209	9,209	9,209	9,209	9,209	18,417
		Reservation Rate	\$21.9780	\$21.9780	\$21.9780	\$21.9780	\$21.9780	\$21.9780	\$21.9780	\$21.9780	\$21.9780	\$21.9780	\$21.9780	\$21.9780	\$21.9780
		Inj. Commodity-base	\$0.0172	\$0.0172	\$0.0172	\$0.0172	\$0.0172	\$0.0172	\$0.0172	\$0.0172	\$0.0172	\$0.0172	\$0.0172	\$0.0172	\$0.0172
		Inj. Commodity-ACA	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014
		Inj. Commodity-Total	\$0.0186	\$0.0186	\$0.0186	\$0.0186	\$0.0186	\$0.0186	\$0.0186	\$0.0186	\$0.0186	\$0.0186	\$0.0186	\$0.0186	\$0.0186
		Withdr. Commodity	\$0.0180	\$0.0180	\$0.0180	\$0.0180	\$0.0180	\$0.0180	\$0.0180	\$0.0180	\$0.0180	\$0.0180	\$0.0180	\$0.0180	\$0.0180
		Fuel Retention	2.128%	2.128%	2.128%	2.128%	2.128%	2.128%	2.128%	2.128%	2.128%	2.128%	2.128%	2.128%	2.128%
	FSS	Reservation	18,417	18,417	18,417	18,417	18,417	18,417	18,417	18,417	18,417	18,417	18,417	18,417	18,417
		Capacity	564,031	564,031	564,031	564,031	564,031	564,031	564,031	564,031	564,031	564,031	564,031	564,031	564,031
Reservation Rate		\$6.4610	\$6.4610	\$6.4610	\$6.4610	\$6.4610	\$6.4610	\$6.4610	\$6.4610	\$6.4610	\$6.4610	\$6.4610	\$6.4610	\$6.4610	
Capacity Rate		\$0.1160	\$0.1160	\$0.1160	\$0.1160	\$0.1160	\$0.1160	\$0.1160	\$0.1160	\$0.1160	\$0.1160	\$0.1160	\$0.1160	\$0.1160	
Injection Rate		\$0.0333	\$0.0333	\$0.0333	\$0.0333	\$0.0333	\$0.0333	\$0.0333	\$0.0333	\$0.0333	\$0.0333	\$0.0333	\$0.0333	\$0.0333	
Withdrawal Rate		\$0.0333	\$0.0333	\$0.0333	\$0.0333	\$0.0333	\$0.0333	\$0.0333	\$0.0333	\$0.0333	\$0.0333	\$0.0333	\$0.0333	\$0.0333	
	Fuel Retention	0.55%	0.55%	0.55%	0.55%	0.55%	0.55%	0.55%	0.55%	0.55%	0.55%	0.55%	0.55%	0.55%	

Notes: (latest rates)

1. V1 - FTS Rates - Version 90.0.0 -Eff 12/1/24
2. V8 - SST Rates - Version 90.0.0 -Eff 12/1/24
3. V9 - FSS Rates - Version 11.0.0
4. V17 - Retainage Rates - Version 17.0.0

Columbia Tariff

National Fuel Gas Distribution Corporation
1307(f) 2025 Filing
Upstream Pipeline Rates

Pipeline	Service	Component	12/1/2024	1/1/2025	2/1/2025	3/1/2025	4/1/2025	5/1/2025	6/1/2025	7/1/2025	8/1/2025	9/1/2025	10/1/2025	
Texas Eastern	FT-1 Reservation Volumes	Demand (STX)	0	0	0	0	0	0	0	0	0	0	0	
		Demand (WLA)	0	0	0	0	0	0	0	0	0	0	0	
		Demand (ELA)	0	0	0	0	0	0	0	0	0	0	0	
		Demand (ETX)	0	0	0	0	0	0	0	0	0	0	0	
		Demand (M1 - M2)	0	0	0	0	0	0	0	0	0	0	0	
		Demand (M2 - M2)	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000
	FT-1 Reservation Rates	Demand (STX)	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
		Demand (WLA)	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
		Demand (ELA)	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
		Demand (ETX)	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
		Demand (M1- M2)	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
		Demand (M2 - M2)	\$6.7790	\$6.7790	\$6.7790	\$6.7790	\$6.7790	\$6.7790	\$6.7790	\$6.7790	\$6.7790	\$6.7790	\$6.7790	\$6.7790
	Commodity Base	STX-M2	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
WLA-M2		\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	
ELA-M2		\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	
ETX-M2		\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	
M1-M2		\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	
M2-M2		\$0.0389	\$0.0389	\$0.0389	\$0.0389	\$0.0389	\$0.0389	\$0.0389	\$0.0389	\$0.0389	\$0.0389	\$0.0389	\$0.0389	
ACA		\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	
Commodity Total	STX-M2	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	
	WLA-M2	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	
	ELA-M2	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	
	ETX-M2	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	
	M1-M2	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	
	M2-M2	\$0.0403	\$0.0403	\$0.0403	\$0.0403	\$0.0403	\$0.0403	\$0.0403	\$0.0403	\$0.0403	\$0.0403	\$0.0403	\$0.0403	
Shrinkage	STX-M2	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	WLA-M2	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	ELA-M2	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	ETX-M2	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	M1-M2	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	M2-M2	0.46%	0.46%	0.46%	0.46%	0.33%	0.33%	0.33%	0.33%	0.33%	0.33%	0.33%	0.33%	

Notes: (latest rates)

1. Part 4 Statements of Rates - 2. Rate Sch. FT-1 - Version 126.0 Page 1
 2. Part 4 Statements of Rates - 2. Rate Sch. FT-1 - Version 124.0 Page 2
 3. Part 4 Statements of Rates - 16. Percentages for Applicable Shrinkage - Version 21.0 (December through March) Pending
 4. Part 4 Statements of Rates - 16. Percentages for Applicable Shrinkage - Version 21.0 (April through November) Pending
- Texas Eastern Tariff

National Fuel Gas Distribution Corporation
1307(f) 2025 Filing
Upstream Pipeline Rates

Pipeline	Service	Component	11/1/2025	12/1/2025	1/1/2026	2/1/2026	3/1/2026	4/1/2026	5/1/2026	6/1/2026	7/1/2026	8/1/2026	9/1/2026	10/1/2026	
Texas Eastern	FT-1 Reservation Volumes	Demand (STX)	0	0	0	0	0	0	0	0	0	0	0	0	
		Demand (WLA)	0	0	0	0	0	0	0	0	0	0	0	0	
		Demand (ELA)	0	0	0	0	0	0	0	0	0	0	0	0	
		Demand (ETX)	0	0	0	0	0	0	0	0	0	0	0	0	
		Demand (M1 - M2)	0	0	0	0	0	0	0	0	0	0	0	0	
		Demand (M2 - M2)	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000
	FT-1 Reservation Rates	Demand (STX)	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
		Demand (WLA)	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
		Demand (ELA)	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
		Demand (ETX)	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
		Demand (M1- M2)	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
		Demand (M2 - M2)	\$6.7790	\$6.7790	\$6.8120	\$6.8120	\$6.8120	\$6.8120	\$6.8120	\$6.8120	\$6.8120	\$6.8120	\$6.8120	\$6.8120	\$6.8120
	Commodity Base	STX-M2	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
		WLA-M2	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
ELA-M2		\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	
ETX-M2		\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	
M1-M2		\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	
M2-M2		\$0.0389	\$0.0389	\$0.0389	\$0.0389	\$0.0389	\$0.0389	\$0.0389	\$0.0389	\$0.0389	\$0.0389	\$0.0389	\$0.0389	\$0.0389	
ACA		\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	
Commodity Total	STX-M2	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	
	WLA-M2	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	
	ELA-M2	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	
	ETX-M2	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	
	M1-M2	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	
	M2-M2	\$0.0403	\$0.0403	\$0.0403	\$0.0403	\$0.0403	\$0.0403	\$0.0403	\$0.0403	\$0.0403	\$0.0403	\$0.0403	\$0.0403	\$0.0403	
Shrinkage	STX-M2	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	WLA-M2	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	ELA-M2	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	ETX-M2	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	M1-M2	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	M2-M2	0.33%	0.46%	0.46%	0.46%	0.46%	0.46%	0.33%	0.33%	0.33%	0.33%	0.33%	0.33%	0.33%	

Notes: (latest rates)
1. Part 4 Statements of Rates - 2. Rate Sch. FT-
2. Part 4 Statements of Rates - 2. Rate Sch. FT-
3. Part 4 Statements of Rates - 16. Percentages
4. Part 4 Statements of Rates - 16. Percentages
Texas Eastern Tariff

National Fuel Gas Distribution Corporation
1307(f) 2025 Filing
Upstream Pipeline Rates

Pipeline	Service	Component	12/1/2024	1/1/2025	2/1/2025	3/1/2025	4/1/2025	5/1/2025	6/1/2025	7/1/2025	8/1/2025	9/1/2025	10/1/2025
Tennessee													
FTA-4 (0-4)	Reservation		0	0	0	0	0	0	0	0	0	0	0
	Reservation Rate		\$14.5010	\$14.1653	\$14.1653	\$14.1653	\$14.1653	\$14.1653	\$14.1653	\$14.1653	\$14.1653	\$14.1653	\$14.1653
	Commodity-base		\$0.2232	\$0.2170	\$0.2170	\$0.2170	\$0.2170	\$0.2170	\$0.2170	\$0.2170	\$0.2170	\$0.2170	\$0.2170
	Commodity-ACA		\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014
	Commodity-EPCR		<u>\$0.0192</u>										
	Commodity-Total		<u>\$0.2438</u>	<u>\$0.2438</u>	<u>\$0.2438</u>	<u>\$0.2438</u>	<u>\$0.2376</u>						
	Fuel Retention		2.70%	2.70%	2.70%	2.70%	2.70%	2.70%	2.70%	2.70%	2.70%	2.70%	2.70%
FTA-4 (1-4)	Reservation		8,750	8,750	8,750	8,750	8,750	8,750	8,750	8,750	8,750	8,750	8,750
	Reservation Rate		\$12.3661	\$12.0739	\$12.0739	\$12.0739	\$12.0739	\$12.0739	\$12.0739	\$12.0739	\$12.0739	\$12.0739	\$12.0739
	Commodity-base		\$0.1901	\$0.1845	\$0.1845	\$0.1845	\$0.1845	\$0.1845	\$0.1845	\$0.1845	\$0.1845	\$0.1845	\$0.1845
	Commodity-ACA		\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014
	Commodity-EPCR		<u>\$0.0161</u>										
	Commodity-Total		<u>\$0.2076</u>	<u>\$0.2020</u>									
	Fuel Retention		2.28%	2.28%	2.28%	2.28%	2.28%	2.28%	2.28%	2.28%	2.28%	2.28%	2.28%
FTA-4 (4-4)	Reservation		65,250	65,250	65,250	65,250	65,250	65,250	65,250	65,250	65,250	65,250	65,250
	Reservation Rate		\$4.4075	\$4.2778	\$4.2778	\$4.2778	\$4.2778	\$4.2778	\$4.2778	\$4.2778	\$4.2778	\$4.2778	\$4.2778
	Commodity-base		0.0394	\$0.0370	\$0.0370	\$0.0370	\$0.0370	\$0.0370	\$0.0370	\$0.0370	\$0.0370	\$0.0370	\$0.0370
	Commodity-ACA		0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014
	Commodity-EPCR		<u>\$0.0020</u>										
	Commodity-Total		<u>\$0.0428</u>	<u>\$0.0404</u>									
	Fuel Retention		0.34%	0.34%	0.34%	0.34%	0.34%	0.34%	0.34%	0.34%	0.34%	0.34%	0.34%

Notes:

1. Sheet No. 14 (24.0, 25.0)
2. Sheet No. 15 (26.0, 27.0)
3. Sheet No. 32 (21.0)
4. Sheet No. 19 (33.0, 34.0)

Settlement Rates Eff 1/1/25 Docket RP24-333-003
Settlement Rates Eff 1/1/26 Docket RP24- ? Appendix A-3

Tennessee Gas Tariff

National Fuel Gas Distribution Corporation
1307(f) 2025 Filing
Upstream Pipeline Rates

Pipeline	Service	Component	11/1/2025	12/1/2025	1/1/2026	2/1/2026	3/1/2026	4/1/2026	5/1/2026	6/1/2026	7/1/2026	8/1/2026	9/1/2026	10/1/2026
Tennessee														
FTA-4 (0-4)	Reservation		0	0	0	0	0	0	0	0	0	0	0	0
	Reservation Rate		\$14.1653	\$14.1653	\$13.5751	\$13.5751	\$13.5751	\$13.5751	\$13.5751	\$13.5751	\$13.5751	\$13.5751	\$13.5751	\$13.5751
	Commodity-base		\$0.2170	\$0.2170	\$0.2079	\$0.2079	\$0.2079	\$0.2079	\$0.2079	\$0.2079	\$0.2079	\$0.2079	\$0.2079	\$0.2079
	Commodity-ACA		\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014
	Commodity-EPCR		<u>\$0.0192</u>											
	Commodity-Total		<u>\$0.2376</u>	<u>\$0.2376</u>	<u>\$0.2285</u>									
	Fuel Retention		2.70%	2.70%	2.70%	2.70%	2.70%	2.70%	2.70%	2.70%	2.70%	2.70%	2.70%	2.70%
FTA-4 (1-4)	Reservation		8,750	8,750	8,750	8,750	8,750	8,750	8,750	8,750	8,750	8,750	8,750	8,750
	Reservation Rate		\$12.0739	\$12.0739	\$11.5708	\$11.5708	\$11.5708	\$11.5708	\$11.5708	\$11.5708	\$11.5708	\$11.5708	\$11.5708	\$11.5708
	Commodity-base		\$0.1845	\$0.1845	\$0.1768	\$0.1768	\$0.1768	\$0.1768	\$0.1768	\$0.1768	\$0.1768	\$0.1768	\$0.1768	\$0.1768
	Commodity-ACA		\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014
	Commodity-EPCR		<u>\$0.0161</u>											
	Commodity-Total		<u>\$0.2020</u>	<u>\$0.2020</u>	<u>\$0.1943</u>									
	Fuel Retention		2.28%	2.28%	2.28%	2.28%	2.28%	2.28%	2.28%	2.28%	2.28%	2.28%	2.28%	2.28%
FTA-4 (4-4)	Reservation		65,250	65,250	65,250	65,250	65,250	65,250	65,250	65,250	65,250	65,250	65,250	65,250
	Reservation Rate		\$4.2778	\$4.2778	\$4.0995	\$4.0995	\$4.0995	\$4.0995	\$4.0995	\$4.0995	\$4.0995	\$4.0995	\$4.0995	\$4.0995
	Commodity-base		\$0.0370	\$0.0370	\$0.0354	\$0.0354	\$0.0354	\$0.0354	\$0.0354	\$0.0354	\$0.0354	\$0.0354	\$0.0354	\$0.0354
	Commodity-ACA		\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014
	Commodity-EPCR		<u>\$0.0020</u>											
	Commodity-Total		<u>\$0.0404</u>	<u>\$0.0404</u>	<u>\$0.0388</u>									
	Fuel Retention		0.34%	0.34%	0.34%	0.34%	0.34%	0.34%	0.34%	0.34%	0.34%	0.34%	0.34%	0.34%

Notes:

1. Sheet No. 14 (24.0, 25.0)
2. Sheet No. 15 (26.0, 27.0)
3. Sheet No. 32 (21.0)
4. Sheet No. 19 (33.0, 34.0)

Tennessee Gas Tariff

National Fuel Gas Distribution Corporation
 1307(f) 2025 Filing
 Upstream Pipeline Rates exclusive of GSR & Stranded Cost

Pipeline	Service	Component	12/1/2024	1/1/2025	2/1/2025	3/1/2025	4/1/2025	5/1/2025	6/1/2025	7/1/2025	8/1/2025	9/1/2025	10/1/2025		
NFGSC	EFT	Reservation	314,778	314,778	314,778	314,778	314,778	314,778	314,778	314,778	314,778	314,778	314,778		
		Reservation Rate	\$6.9865	\$6.9865	\$6.9865	\$6.9865	\$6.9865	\$6.9865	\$6.9865	\$6.9865	\$6.9865	\$6.9865	\$6.9865	\$6.9865	
		Commodity-base	\$0.0244	\$0.0244	\$0.0244	\$0.0244	\$0.0244	\$0.0244	\$0.0244	\$0.0244	\$0.0244	\$0.0244	\$0.0244	\$0.0244	
		Commodity-ACA	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	
		Commodity-Total	\$0.0258	\$0.0258	\$0.0258	\$0.0258	\$0.0258	\$0.0258	\$0.0258	\$0.0258	\$0.0258	\$0.0258	\$0.0258	\$0.0258	
		Fuel Retention-base	0.78%	0.78%	0.78%	0.78%	0.78%	0.78%	0.78%	0.78%	0.78%	0.78%	0.78%	0.78%	
		Fuel Retention-LAUF	0.31%	0.31%	0.31%	0.31%	0.31%	0.31%	0.31%	0.31%	0.31%	0.31%	0.31%	0.31%	
		Fuel Retention-total	1.09%	1.09%	1.09%	1.09%	1.09%	1.09%	1.09%	1.09%	1.09%	1.09%	1.09%	1.09%	
		FT		Reservation	31,000	31,000	31,000	31,000	31,000	31,000	31,000	31,000	31,000	31,000	31,000
				Reservation Rate	\$6.1350	\$6.1350	\$6.1350	\$6.1350	\$6.1350	\$6.1350	\$6.1350	\$6.1350	\$6.1350	\$6.1350	\$6.1350
Commodity-base	\$0.0069			\$0.0069	\$0.0069	\$0.0069	\$0.0069	\$0.0069	\$0.0069	\$0.0069	\$0.0069	\$0.0069	\$0.0069	\$0.0069	
Commodity-ACA	\$0.0014			\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	
Commodity-Total	\$0.0083			\$0.0083	\$0.0083	\$0.0083	\$0.0083	\$0.0083	\$0.0083	\$0.0083	\$0.0083	\$0.0083	\$0.0083	\$0.0083	
Fuel Retention-base	0.78%			0.78%	0.78%	0.78%	0.78%	0.78%	0.78%	0.78%	0.78%	0.78%	0.78%	0.78%	
Fuel Retention-LAUF	0.31%			0.31%	0.31%	0.31%	0.31%	0.31%	0.31%	0.31%	0.31%	0.31%	0.31%	0.31%	
Fuel Retention-total	1.09%			1.09%	1.09%	1.09%	1.09%	1.09%	1.09%	1.09%	1.09%	1.09%	1.09%	1.09%	
FG				Reservation	5,352	5,352	5,352	5,352	5,352	5,352	5,352	5,352	5,352	5,352	5,352
				Reservation Rate	Exh23Sch3SH19 \$2.263										
		Commodity-base	\$0.0244	\$0.0244	\$0.0244	\$0.0244	\$0.0244	\$0.0244	\$0.0244	\$0.0244	\$0.0244	\$0.0244	\$0.0244	\$0.0244	
		Commodity-ACA	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	
		Commodity-Total	\$0.0258	\$0.0258	\$0.0258	\$0.0258	\$0.0258	\$0.0258	\$0.0258	\$0.0258	\$0.0258	\$0.0258	\$0.0258	\$0.0258	
		Fuel Retention-base	0.78%	0.78%	0.78%	0.78%	0.78%	0.78%	0.78%	0.78%	0.78%	0.78%	0.78%	0.78%	
		Fuel Retention-LAUF	0.31%	0.31%	0.31%	0.31%	0.31%	0.31%	0.31%	0.31%	0.31%	0.31%	0.31%	0.31%	
		Fuel Retention-total	1.09%	1.09%	1.09%	1.09%	1.09%	1.09%	1.09%	1.09%	1.09%	1.09%	1.09%	1.09%	
		ESS		Reservation	187,563	187,563	187,563	187,563	187,563	187,563	187,563	187,563	187,563	187,563	187,563
				Capacity	8,755,100	8,755,100	8,755,100	8,755,100	8,755,100	8,755,100	8,755,100	8,755,100	8,755,100	8,755,100	8,755,100
Reservation Rate	\$3.2263			\$3.2263	\$3.2263	\$3.2263	\$3.2263	\$3.2263	\$3.2263	\$3.2263	\$3.2263	\$3.2263	\$3.2263		
Capacity Rate	\$0.0589			\$0.0589	\$0.0589	\$0.0589	\$0.0589	\$0.0589	\$0.0589	\$0.0589	\$0.0589	\$0.0589	\$0.0589		
Injection Rate-base	\$0.0396			\$0.0396	\$0.0396	\$0.0396	\$0.0396	\$0.0396	\$0.0396	\$0.0396	\$0.0396	\$0.0396	\$0.0396		
Injection Rate-ACA	\$0.0014			\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014		
Injection Rate-Total	\$0.0410			\$0.0410	\$0.0410	\$0.0410	\$0.0410	\$0.0410	\$0.0410	\$0.0410	\$0.0410	\$0.0410	\$0.0410		
Withdrawal Rate-base	\$0.0396			\$0.0396	\$0.0396	\$0.0396	\$0.0396	\$0.0396	\$0.0396	\$0.0396	\$0.0396	\$0.0396	\$0.0396		
Withdrawal Rate-ACA	\$0.0014			\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014		
Withdrawal Rate-Total	\$0.0410			\$0.0410	\$0.0410	\$0.0410	\$0.0410	\$0.0410	\$0.0410	\$0.0410	\$0.0410	\$0.0410	\$0.0410		
Fuel Retention-LAUF	0.84%	0.84%	0.84%	0.84%	0.84%	0.84%	0.84%	0.84%	0.84%	0.84%	0.84%	0.84%			
FSS	Reservation (19-day)	Capacity	200,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000		
		Reservation Rate	\$3.1020	\$3.1020	\$3.1020	\$3.1020	\$3.1020	\$3.1020	\$3.1020	\$3.1020	\$3.1020	\$3.1020	\$3.1020		
		Capacity Rate	\$0.0563	\$0.0563	\$0.0563	\$0.0563	\$0.0563	\$0.0563	\$0.0563	\$0.0563	\$0.0563	\$0.0563	\$0.0563		
		Injection Rate-base	\$0.0381	\$0.0381	\$0.0381	\$0.0381	\$0.0381	\$0.0381	\$0.0381	\$0.0381	\$0.0381	\$0.0381	\$0.0381		
		Injection Rate-ACA	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014		
		Injection Rate-Total	\$0.0395	\$0.0395	\$0.0395	\$0.0395	\$0.0395	\$0.0395	\$0.0395	\$0.0395	\$0.0395	\$0.0395	\$0.0395		
		Withdrawal Rate-base	\$0.0367	\$0.0367	\$0.0381	\$0.0381	\$0.0381	\$0.0381	\$0.0381	\$0.0381	\$0.0381	\$0.0381	\$0.0381		
		Withdrawal Rate-ACA	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014		
		Withdrawal Rate-Total	\$0.0381	\$0.0381	\$0.0395	\$0.0395	\$0.0395	\$0.0395	\$0.0395	\$0.0395	\$0.0395	\$0.0395	\$0.0395		
		Fuel Retention-LAUF	0.84%	0.84%	0.84%	0.84%	0.84%	0.84%	0.84%	0.84%	0.84%	0.84%	0.84%	0.84%	
FSS	Reservation (63-day)	Capacity	14,000	14,000	14,000	14,000	14,000	14,000	14,000	14,000	14,000	14,000	14,000		
		Reservation Rate	\$3.1020	\$3.1020	\$3.1020	\$3.1020	\$3.1020	\$3.1020	\$3.1020	\$3.1020	\$3.1020	\$3.1020	\$3.1020		
		Capacity Rate	\$0.0563	\$0.0563	\$0.0563	\$0.0563	\$0.0563	\$0.0563	\$0.0563	\$0.0563	\$0.0563	\$0.0563	\$0.0563		
		Injection Rate-base	\$0.0140	\$0.0140	\$0.0140	\$0.0140	\$0.0140	\$0.0140	\$0.0140	\$0.0140	\$0.0140	\$0.0140	\$0.0140		
		Injection Rate-ACA	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014		
		Injection Rate-Total	\$0.0154	\$0.0154	\$0.0154	\$0.0154	\$0.0154	\$0.0154	\$0.0154	\$0.0154	\$0.0154	\$0.0154	\$0.0154		
		Withdrawal Rate-base	\$0.0140	\$0.0140	\$0.0140	\$0.0140	\$0.0140	\$0.0140	\$0.0140	\$0.0140	\$0.0140	\$0.0140	\$0.0140		
		Withdrawal Rate-ACA	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014		
		Withdrawal Rate-Total	\$0.0154	\$0.0154	\$0.0154	\$0.0154	\$0.0154	\$0.0154	\$0.0154	\$0.0154	\$0.0154	\$0.0154	\$0.0154		
		Fuel Retention-LAUF	0.84%	0.84%	0.84%	0.84%	0.84%	0.84%	0.84%	0.84%	0.84%	0.84%	0.84%	0.84%	
FST (Discount)		Reservation	14,000	14,000	14,000	14,000	14,000	14,000	14,000	14,000	14,000	14,000	14,000		
		Capacity	651,274	651,274	651,274	651,274	651,274	651,274	651,274	651,274	651,274	651,274	651,274		
		Reservation Rate	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000		

Notes:
 1. Part 4 - Applicable Rates, Section 4.010 Transportation Rates - Version 43.0.0
 2. Part 4 - Applicable Rates, Section 4.020 Storage Rates - Version 37.0
 3. Part 4 - Applicable Rates, Section 4.040 Gathering Rates - Version 40.0
<https://etariff.ferc.gov/TariffBrowser.aspx?tid=1522>

National Fuel Gas Distribution Corporation
1307(f) 2025 Filing
Upstream Pipeline Rates exclusive of GSR & Stranded Cost

Pipeline	Service	Component	11/1/2025	12/1/2025	1/1/2026	2/1/2026	3/1/2026	4/1/2026	5/1/2026	6/1/2026	7/1/2026	8/1/2026	9/1/2026	10/1/2026			
NFGSC	EFT	Reservation	314,778	314,778	314,778	314,778	314,778	314,778	314,778	314,778	314,778	314,778	314,778	314,778	314,778		
		Reservation Rate	\$6.9865	\$6.9865	\$6.9865	\$6.9865	\$6.9865	\$6.9865	\$6.9865	\$6.9865	\$6.9865	\$6.9865	\$6.9865	\$6.9865	\$6.9865	\$6.9865	
		Commodity-base	\$0.0244	\$0.0244	\$0.0244	\$0.0244	\$0.0244	\$0.0244	\$0.0244	\$0.0244	\$0.0244	\$0.0244	\$0.0244	\$0.0244	\$0.0244	\$0.0244	
		Commodity-ACA	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	
		Commodity-Total	\$0.0258	\$0.0258	\$0.0258	\$0.0258	\$0.0258	\$0.0258	\$0.0258	\$0.0258	\$0.0258	\$0.0258	\$0.0258	\$0.0258	\$0.0258	\$0.0258	
		Fuel Retention-base	0.78%	0.78%	0.78%	0.78%	0.78%	0.78%	0.78%	0.78%	0.78%	0.78%	0.78%	0.78%	0.78%	0.78%	
		Fuel Retention-LAUF	0.31%	0.31%	0.31%	0.31%	0.31%	0.31%	0.31%	0.31%	0.31%	0.31%	0.31%	0.31%	0.31%	0.31%	
		Fuel Retention-total	1.09%	1.09%	1.09%	1.09%	1.09%	1.09%	1.09%	1.09%	1.09%	1.09%	1.09%	1.09%	1.09%	1.09%	
		FT		Reservation	31,000	31,000	31,000	31,000	31,000	31,000	31,000	31,000	31,000	31,000	31,000	31,000	31,000
				Reservation Rate	\$6.1350	\$6.1350	\$6.1350	\$6.1350	\$6.1350	\$6.1350	\$6.1350	\$6.1350	\$6.1350	\$6.1350	\$6.1350	\$6.1350	\$6.1350
Commodity-base	\$0.0069			\$0.0069	\$0.0069	\$0.0069	\$0.0069	\$0.0069	\$0.0069	\$0.0069	\$0.0069	\$0.0069	\$0.0069	\$0.0069	\$0.0069		
Commodity-ACA	\$0.0014			\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014		
Commodity-Total	\$0.0083			\$0.0083	\$0.0083	\$0.0083	\$0.0083	\$0.0083	\$0.0083	\$0.0083	\$0.0083	\$0.0083	\$0.0083	\$0.0083	\$0.0083		
Fuel Retention-base	0.78%			0.78%	0.78%	0.78%	0.78%	0.78%	0.78%	0.78%	0.78%	0.78%	0.78%	0.78%	0.78%		
Fuel Retention-LAUF	0.31%			0.31%	0.31%	0.31%	0.31%	0.31%	0.31%	0.31%	0.31%	0.31%	0.31%	0.31%	0.31%		
Fuel Retention-total	1.09%			1.09%	1.09%	1.09%	1.09%	1.09%	1.09%	1.09%	1.09%	1.09%	1.09%	1.09%	1.09%		
FG				Reservation	5,352	5,352	5,352	5,352	5,352	5,352	5,352	5,352	5,352	5,352	5,352	5,352	
				Reservation Rate	Exh23Sch3SH19 \$6.1350												
		Commodity-base	\$0.0244	\$0.0244	\$0.0244	\$0.0244	\$0.0244	\$0.0244	\$0.0244	\$0.0244	\$0.0244	\$0.0244	\$0.0244	\$0.0244	\$0.0244		
		Commodity-ACA	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014		
		Commodity-Total	\$0.0258	\$0.0258	\$0.0258	\$0.0258	\$0.0258	\$0.0258	\$0.0258	\$0.0258	\$0.0258	\$0.0258	\$0.0258	\$0.0258	\$0.0258		
		Fuel Retention-base	0.78%	0.78%	0.78%	0.78%	0.78%	0.78%	0.78%	0.78%	0.78%	0.78%	0.78%	0.78%	0.78%		
		Fuel Retention-LAUF	0.31%	0.31%	0.31%	0.31%	0.31%	0.31%	0.31%	0.31%	0.31%	0.31%	0.31%	0.31%	0.31%		
		Fuel Retention-total	1.09%	1.09%	1.09%	1.09%	1.09%	1.09%	1.09%	1.09%	1.09%	1.09%	1.09%	1.09%	1.09%		
		ESS		Reservation	187,563	187,563	187,563	187,563	187,563	187,563	187,563	187,563	187,563	187,563	187,563	187,563	
				Capacity	8,755,100	8,755,100	8,755,100	8,755,100	8,755,100	8,755,100	8,755,100	8,755,100	8,755,100	8,755,100	8,755,100	8,755,100	
Reservation Rate	\$3.2263			\$3.2263	\$3.2263	\$3.2263	\$3.2263	\$3.2263	\$3.2263	\$3.2263	\$3.2263	\$3.2263	\$3.2263	\$3.2263			
Capacity Rate	\$0.0589			\$0.0589	\$0.0589	\$0.0589	\$0.0589	\$0.0589	\$0.0589	\$0.0589	\$0.0589	\$0.0589	\$0.0589	\$0.0589			
Injection Rate-base	\$0.0396			\$0.0396	\$0.0396	\$0.0396	\$0.0396	\$0.0396	\$0.0396	\$0.0396	\$0.0396	\$0.0396	\$0.0396	\$0.0396			
Injection Rate-ACA	\$0.0014			\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014			
Injection Rate-Total	\$0.0410			\$0.0410	\$0.0410	\$0.0410	\$0.0410	\$0.0410	\$0.0410	\$0.0410	\$0.0410	\$0.0410	\$0.0410	\$0.0410			
Withdrawal Rate-base	\$0.0396			\$0.0396	\$0.0396	\$0.0396	\$0.0396	\$0.0396	\$0.0396	\$0.0396	\$0.0396	\$0.0396	\$0.0396	\$0.0396			
Withdrawal Rate-ACA	\$0.0014			\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014			
Withdrawal Rate-Total	\$0.0410			\$0.0410	\$0.0410	\$0.0410	\$0.0410	\$0.0410	\$0.0410	\$0.0410	\$0.0410	\$0.0410	\$0.0410	\$0.0410			
Fuel Retention-LAUF	0.84%	0.84%	0.84%	0.84%	0.84%	0.84%	0.84%	0.84%	0.84%	0.84%	0.84%	0.84%	0.84%				
FSS		Reservation (19-day)	10,666	10,666	10,666	10,666	10,666	10,666	10,666	10,666	10,666	10,666	10,666	10,666			
		Capacity	200,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000			
		Reservation Rate	\$3.1020	\$3.1020	\$3.1020	\$3.1020	\$3.1020	\$3.1020	\$3.1020	\$3.1020	\$3.1020	\$3.1020	\$3.1020	\$3.1020			
		Capacity Rate	\$0.0563	\$0.0563	\$0.0563	\$0.0563	\$0.0563	\$0.0563	\$0.0563	\$0.0563	\$0.0563	\$0.0563	\$0.0563	\$0.0563			
		Injection Rate-base	\$0.0381	\$0.0381	\$0.0381	\$0.0381	\$0.0381	\$0.0381	\$0.0381	\$0.0381	\$0.0381	\$0.0381	\$0.0381	\$0.0381			
		Injection Rate-ACA	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014			
		Injection Rate-Total	\$0.0395	\$0.0395	\$0.0395	\$0.0395	\$0.0395	\$0.0395	\$0.0395	\$0.0395	\$0.0395	\$0.0395	\$0.0395	\$0.0395			
		Withdrawal Rate-base	\$0.0381	\$0.0381	\$0.0381	\$0.0381	\$0.0381	\$0.0381	\$0.0381	\$0.0381	\$0.0381	\$0.0381	\$0.0381	\$0.0381			
		Withdrawal Rate-ACA	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014			
		Withdrawal Rate-Total	\$0.0395	\$0.0395	\$0.0395	\$0.0395	\$0.0395	\$0.0395	\$0.0395	\$0.0395	\$0.0395	\$0.0395	\$0.0395	\$0.0395			
Fuel Retention-LAUF	0.84%	0.84%	0.84%	0.84%	0.84%	0.84%	0.84%	0.84%	0.84%	0.84%	0.84%	0.84%	0.84%				
FSS		Reservation (63-day)	14,000	14,000	14,000	14,000	14,000	14,000	14,000	14,000	14,000	14,000	14,000	14,000			
		Capacity	651,274	651,274	651,274	651,274	651,274	651,274	651,274	651,274	651,274	651,274	651,274				
		Reservation Rate	\$3.1020	\$3.1020	\$3.1020	\$3.1020	\$3.1020	\$3.1020	\$3.1020	\$3.1020	\$3.1020	\$3.1020	\$3.1020				
		Capacity Rate	\$0.0563	\$0.0563	\$0.0563	\$0.0563	\$0.0563	\$0.0563	\$0.0563	\$0.0563	\$0.0563	\$0.0563	\$0.0563				
		Injection Rate-base	\$0.0140	\$0.0140	\$0.0140	\$0.0140	\$0.0140	\$0.0140	\$0.0140	\$0.0140	\$0.0140	\$0.0140	\$0.0140				
		Injection Rate-ACA	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014				
		Injection Rate-Total	\$0.0154	\$0.0154	\$0.0154	\$0.0154	\$0.0154	\$0.0154	\$0.0154	\$0.0154	\$0.0154	\$0.0154	\$0.0154				
		Withdrawal Rate-base	\$0.0140	\$0.0140	\$0.0140	\$0.0140	\$0.0140	\$0.0140	\$0.0140	\$0.0140	\$0.0140	\$0.0140	\$0.0140				
		Withdrawal Rate-ACA	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014				
		Withdrawal Rate-Total	\$0.0154	\$0.0154	\$0.0154	\$0.0154	\$0.0154	\$0.0154	\$0.0154	\$0.0154	\$0.0154	\$0.0154	\$0.0154				
Fuel Retention-LAUF	0.84%	0.84%	0.84%	0.84%	0.84%	0.84%	0.84%	0.84%	0.84%	0.84%	0.84%	0.84%					
FST (Discount)		Reservation	14,000	14,000	14,000	14,000	14,000	14,000	14,000	14,000	14,000	14,000	14,000				
		Capacity	651,274	651,274	651,274	651,274	651,274	651,274	651,274	651,274	651,274	651,274					
		Reservation Rate	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000					

Notes:
1. Part 4 - Applicable Rates, Section 4.010 Transportation f
2. Part 4 - Applicable Rates, Section 4.020 Storage Rates -
3. Part 4 - Applicable Rates, Section 4.040 Gathering Rates:
<https://etariff.ferc.gov/TariffBrowser.aspx?tid=1522>

National Fuel Gas Distribution Corporation
 Pennsylvania Division
 Calculation of Firm Gathering Rate
 \$/Dth
 1307(f) 2025 Filing

Exhibit 23
 Schedule 3
 Page 9
 Prefiling Revision

Historical	Actual NYMEX ^(A)	Columbia Apalachian	Difference	%
	(1)	(2)	(3 = 2 - 1)	(4 = 3 / 1)
December 2023	\$3.1180	\$2.0200	(1.098)	0.6479
January 2024	\$2.5670	\$2.1100	(0.457)	0.8220
February	\$2.7940	\$2.0400	(0.754)	0.7301
March	\$1.8170	\$1.2300	(0.587)	0.6769
April	\$1.7610	\$1.3200	(0.441)	0.7496
May	\$1.7670	\$1.3500	(0.417)	0.7640
June	\$2.3660	\$1.7100	(0.656)	0.7227
July	\$2.8030	\$1.9400	(0.863)	0.6921
August	\$2.2600	\$1.2800	(0.980)	0.5664
September	\$2.0810	\$1.3900	(0.691)	0.6679
October	\$2.3310	\$1.7300	(0.601)	0.7422
November 2024	\$2.5890	\$1.7800	(0.809)	0.6875

Forecast	Projected NYMEX ^(B)	Forecasted Index Price	FG rate ^(C)
	(5)	(6 = 4 x 5)	(7)
December 2024			\$44.2348
January 2025	2.9360	2.41	47.0555
February	2.8520	2.08	48.9372
March	2.6330	1.78	50.8189
April	2.6040	1.95	49.8762
May	2.6960	2.06	48.9372
June	2.8540	2.06	48.9372
July	3.0220	2.09	48.9372
August	3.0610	1.73	50.8189
September	3.0360	2.03	48.9372
October	3.1110	2.31	47.9982
November	3.3950	2.33	47.9982
December	3.8280	2.48	47.0555
January 2026	4.0570	3.33	43.2958
February	3.8620	2.82	45.1738
March	3.4340	2.32	47.9982
April	3.1430	2.36	47.9982
May	3.1650	2.42	47.0555
June	3.2960	2.38	47.9982
July	3.4370	2.38	47.9982
August	3.4710	1.97	49.8762
September	3.4420	2.30	47.9982
October	3.5100	2.61	46.1165
November	3.7770	2.60	47.0555

(A) NYMEX Actual

(B) PGC Exhibit 25

(C) From FG Index Price table Part 4 - Applicable Rates, Section 4.040 Gathering Rates - Version 35.0

**NATIONAL FUEL GAS DISTRIBUTION CORPORATION
BUFFALO, NEW YORK**

RATES, RULES AND REGULATIONS

**GOVERNING THE FURNISHING
OF
NATURAL GAS SERVICE
IN
TERRITORY DESCRIBED HEREIN**

Issued: January 31, 2025

Effective: August 1, 2025

D. L. DeCAROLIS, PRESIDENT
BUFFALO, NEW YORK

LIST OF CHANGES MADE BY THIS TARIFF

INCREASE:

1. Distribution Charge for Residential, Commercial and Public Authority, Small Volume Industrial, Intermediate Volume Industrial, Large Volume Industrial and Large Industrial Service Classes increase.
Pages 36, 36A, 41, 41A, 42, 53, 55, 65, 66, 76
2. Gas Adjustment Charges increase for Residential, Commercial and Public Authority, Small Volumes Industrial, Intermediate Volume Industrial, and Large Industrial Service
Pages 36, 41, 41A, 42, 53, 55, 65, 76
3. 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 increase.
Pages 36A, 41, 41A, 42, 53, 55, 66 and 76A.
4. Demand Charges for Load Balancing Service increase.
Pages 48, 61, 72, 79, 82
5. Commodity Charges for Sales Services increase.
Pages 50, 62, 73, 80
6. Commodity Charges for Transportation Service increase.
Page 50, 63, 74, 81
7. Components of Natural Gas Vehicle rates increase.
Pages 83 and 84.
8. Priority Standby Service monthly rate increase.
Pages 93, 95
9. The price for purchase of gas by Distribution from a transportation service customer in the event of a curtailment or interruption will increase.
Pages 106, 117 and 146G.
10. Purchased gas costs in Rider A increase.
Page 147
11. The Price to Compare shown in Rider H increases.
Page 169.
12. MMT Service Rates increased for Residential, "Small" Commercial/ Public Authority >25,000, "Large" Commercial/ Public Authority, Intermediate Volume Industrial, Large Volume Industrial, and Large Industrial Service Classes.
Pages 100 and 101

LIST OF CHANGES MADE BY THIS TARIFF

INCREASE:

13. SATC Transportation Service rates increase for Residential and Small Volume Industrial.
Page 119A, 120, 121
14. Certain Demand Transfer Recovery Rates ("DTR") increase.
Page 127.
15. SATC Alternative Capacity Release Rate increase.
Page 131.
16. The Merchant Function Charge in Rider G increase.
Page 168.

DECREASE:

1. Components of Natural Gas Vehicle rates decrease.

PGC EXHIBIT NO. 28

NATIONAL FUEL GAS
DISTRIBUTION CORPORATION

Supplement No. 280 to
Gas - Pa. P.U.C. No. 9

Two-Hundred-Forty-Seventh Revised Page No. 4

Canceling Two-Hundred-Forty-Fourth and Two-Hundred-Forty-Sixth Revised Page No. 4

TABLE OF CONTENTS

		<u>Page</u>
List of Changes.....	2	Two-Hundred-Forty-Seventh Revised
	3	Eighty-Seventh Revised
	3A	Sixth Revised
	3B	First Revised
	3C	First Revised
Table of Contents.....	4	Two-Hundred-Forty-Seventh Revised
	5	One-Hundred-Thirty-Seventh Revised
	6	One-Hundred-Forty-Seventh Revised
	7	One-Hundred-Fifty-Eighth Revised
	7A	One-Hundred-Eighty-Ninth Revised
	Description of Territory.....	8
9		Second Revised
Rules and Regulations.....	10	Third Revised
	11	Sixth Revised
	12	Sixth Revised
	13	Second Revised
	14	Original
	15	Second Revised
	16	Second Revised
	16A	First Revised
	16B	Fourth Revised
	17	Fourth Revised
	18	Original
	19	Original
	20	Fourth Revised
	20A	Original
	20	Fifth Revised
	22	Third Revised
	22A	First Revised
	23	Second Revised
	24	Fourth Revised
	25	Second Revised
	26	First Revised
	27	Third Revised
	28	First Revised
	29	Third Revised
	30	First Revised
	31	First Revised
	32	Seventh Revised
	33	First Revised
	34	Ninth Revised
	34A	Second Revised
35	Third Revised	
35A	Third Revised	
35B	First Revised	
35C	Fifth Revised	
35D	Third Revised	
35E	Ninth Revised	
35F	Original	
35G	Original	
35H	Original	
Residential Service Schedule.....	36	One-Hundred-Twenty-Second Revised
	36A	Fifty-Ninth Revised
Rate Schedule CAP Customer	37	Fourteenth Revised
Assistance Program Service	37A	One-Hundred-Nineteenth Revised

TABLE OF CONTENTS (Cont'd)

	<u>Page</u>	
Rate Schedule CAP (Con't)		
Customer Assistance Program Service	37B	One-Hundred-Third Revised
	37C	Thirteenth Revised
	37D	Sixth Revised
	38	Fourth Revised
	39	Third Revised
Commercial and Public Authority		
Service Rate Schedule	40	Second Revised
	40A	First Revised
	41	One-Hundred-Twenty-Third Revised
	41A	Seventy-Seventh Revised
	42	One-Hundred-Twenty-Third Revised
	42A	First Revised
Commercial Rider BDS - Business		
Development Service Rider	43	Original
	44	Original
	45	Original
Rate Schedule CPA-LBS		
Load Balancing Service for		
Commercial and Public Authority Customers....	46	Second Revised
	47	Original
	48	One-Hundred-Seventh Revised
	49	Sixth Revised
	50	One-Hundred-Fourteenth-Revised
	51	Fifth Revised
Rate Schedule SVIS		
Small Volume Industrial Service.....	52	Original
	53	One-Hundred-Twentieth Revised
	53A	First Revised
Rate Schedule IVIS		
Intermediate Volume Industrial Service	54	Original
	55	One-Hundred-Twentieth Revised
	55A	First Revised
Intermediate Volume Industrial Service		
Rider BDS - Business Development		
Service Rider	56	Original
	57	Original
	58	Original
Rate Schedule IVI-LBS		
Load Balancing Service for		
Intermediate Volume Industrial Customers	59	Second Revised
	60	Original
	61	One-Hundred-Seventh Revised
	62	One-Hundred-Tenth Revised
	63	Forty-Seventh Revised
Rate Schedule LVIS		
Large Volume Industrial Service	64	Original
	65	One-Hundred-Nineteenth Revised
	66	Seventy-Fourth Revised
Large Volume Industrial Service		
BDS - Business Development		
Service Rider	67	Original
	68	Original
	69	Original

TABLE OF CONTENTS (Cont'd)

	<u>Page</u>	
Rate Schedule for		
Daily Metered Transportation Service.....	109	Original
	110	Fourth Revised
	111	Tenth Revised
	112	Tenth Revised
	113	Eighth Revised
	114	First Revised
	115	Original
	116	Seventh Revised
	117	One-Hundred-Twelfth Revised
	118	Sixth Revised
 Monthly Metered Natural Gas Supplier Service		
	118A	Fifth Revised
	118B	Twelfth Revised
	118C	Sixth Revised
	118D	Ninth Revised
	118E	Eighth Revised
	118F	Tenth Revised
	118G	Fourth Revised
	118H	Seventh Revised
	118I	Seventh Revised
	118J	Fourth Revised
 Rate Schedule SATC		
Small Aggregation Transportation Customer Service	119	Forty-Fourth Revised
	119A	Sixty-Sixth Revised
	120	One-Hundred-Twentieth Revised
	121	One-Hundred-Twenty-Fifth Revised
	121A	First Revised
	122	Original
	123	First Revised
 Rate Schedule SATS		
Small Aggregation Transportation Supplier Service	124	Original
	125	Fifth Revised
	125A	Fifth Revised
	126	Thirty-Ninth Revised
	127	Seventy-Fifth Revised
	128	Fourth Revised
	129	Eighth Revised
	130	Second Revised
	131	Seventy-Ninth Revised
	132	Original
	133	Third Revised
	134	Tenth Revised
	135	Tenth Revised
	135A	Original
	136	Twelfth Revised
	136A	Original
	137	Second Revised
	138	Fourth Revised
	139	First Revised
	139A	Original
	140	Ninth Revised
	141	Second Revised

TABLE OF CONTENTS (Cont'd)

	<u>Page</u>	
Rate Schedule SATS (Cont'd)		
Small Aggregation Transportation Supplier	142	Original
Service	143	Original
	144	Original
	145	Original
	146	Original
Daily Metered Large Manufacturing	146A	Original
Transportation Service	146B	Original
	146C	Fourth Revised
	146D	Original
	146E	Original
	146F	Fourth Revised
	146G	Eighty-Second Revised
	146H	Third Revised
Rider A -		
Section 1307(f) Purchased Gas Costs	147	One-Hundred-Ninth Revised
	147A	First Revised
	147B	First Revised
	148	Fourth Revised
	149	Fourth Revised
	150	Sixth Revised
	151	Fourth Revised
	152	Seventh Revised
	153	Original
	154	Fourth Revised
	155	Eleventh Revised
	156	Original
Rider B -		
State Tax Adjustment Surcharge.....	157	Eighty-First Revised
Rider C -	158	Eighth Revised
Weather Normalization Adjustment	159	Sixth Revised
	160	First Revised
	161	First Revised
Rider E -		
Customer Education Charge.....	162	Twenty-Fourth Revised
	163	First Revised
Rider F -		
CAP Discount Rate	164	One-Hundred-Twenty-Sixth Revised
	165	Tenth Revised
	166	Ninth Revised
	167	Ninetieth Revised
Rider G		
Merchant Function Charge (MFC) Rider	168	Seventy-First Revised
Rider H		
Gas Procurement Charge (GPC)	169	Fifty-Eighth Revised
TCJA Temporary Surcharge.....	170	Tenth Revised
Rider I OPEB Temporary Surcredit.	171	Sixth Revised
	171A	First Revised
DSIC - Distribution System Improvement Charge...	172	Original
	173	Original
	174	Original
	175	Original

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

\$14.00 per Month

Distribution Charges

33.998¢ per 100 cubic feet

(I)

Gas Adjustment Charge

2.387¢ per 100 cubic feet

Purchased Gas Cost Component
(Rider A)

(I)

0.043¢ per 100 cubic feet

Merchant Function Charge
(Rider G)

(I)

2.430¢ Per 100 cubic feet

Total Gas Adjustment Charge

(I)

(D) Indicates Decrease

(I) Indicates Increase

RESIDENTIAL SERVICE RATE SCHEDULE (cont.)

Natural Gas Supply Charge			
51.372¢	per 100 cubic feet	Purchased Gas Cost Component (Rider A)	(I)
0.926¢	per 100 cubic feet	Merchant Function Charge (Rider G)	(I)
<u>1.149¢</u>	per 100 cubic feet	Gas Procurement Charge (Rider H)	
53.447¢	per 100 cubic feet Charge	Total Natural Gas Supply	(I)

The Natural Gas Supply Charge shall include a Merchant Function Charge (Rider G) to recover uncollectible costs associated with purchase gas costs of 1.8032% and the Gas Procurement Charge (Rider H) to recover costs of procuring natural gas pursuant to 52 Pa. Code §62.223. The above non-purchased gas cost rates shall be subject to surcharges in accordance with the provisions of Rider B - State Tax Adjustment Surcharge and DSIC - Distribution System Improvement Charge. Residential rate classes shall be subject to Rider F - CAP Discount Charge as set forth in this tariff.

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

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			
\$27.00	per Month		
Distribution Charges			
27.381¢	per 100 cubic feet		(I)
Gas Adjustment Charge			
2.387¢	per 100 cubic feet	Purchased Gas Cost Component (Rider A)	(I)
<u>0.008¢</u>	per 100 cubic feet	Merchant Function Charge (Rider G)	(I)
2.395¢	per 100 cubic feet	Total Gas Adjustment Charge	(I)
Natural Gas Supply Charge			
51.372¢	per 100 cubic feet	Purchased Gas Cost Component (Rider A)	(I)
0.175¢	per 100 cubic feet	Merchant Function Charge (Rider G)	(I)
<u>1.149¢</u>	per 100 cubic feet	Gas Procurement Charge (Ride H)	
52.696¢	per 100 cubic feet	Total Natural Gas Supply Charge	(I)

The Natural Gas Supply Charge shall include a Merchant Function Charge (Rider G) to recover uncollectible costs associated with purchase gas costs of 0.3398% and the Gas Procurement Charge (Rider H) to recover costs of procuring natural gas pursuant to 52 Pa. Code §62.223.

The above non-purchased gas cost rates shall be subject to surcharges in accordance with the provisions of Rider B - State Tax Adjustment Surcharge and DSIC - Distribution System Improvement Charge 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			
	\$37.00	per Month	
Distribution Charges			
	24.942¢	per 100 cubic feet	(I)
Gas Adjustment Charge			
	2.387¢	per 100 cubic feet	Purchased Gas Cost Component (I)
	<u>0.008¢</u>	per 100 cubic feet	Merchant Function Charge (I)
	2.395¢	per 100 cubic feet	Total Gas Adjustment Charge (I)
Natural Gas Supply Charge			
	51.372¢	per 100 cubic feet	Purchased Gas Cost Component (I)
	0.175¢	per 100 cubic feet	Merchant Function Charge (I)
	<u>1.149¢</u>	per 100 cubic feet	Gas Procurement Charge (Rider H)
	52.696¢	per 100 cubic feet	Total Natural Gas Supply Charge (I)

The Natural Gas Supply Charge shall include a Merchant Function Charge (Rider G) to recover uncollectible costs associated with purchase gas costs of 0.3398% and the Gas Procurement Charge (Rider H) to recover costs of procuring natural gas pursuant to 52 Pa. Code §62.223.

The above non-purchased gas cost rates shall be subject to surcharges in accordance with the provisions of Rider B - State Tax Adjustment Surcharge and DSIC - Distribution System Improvement Charge as set forth in this tariff.

(D) Indicates Decrease

(I) Indicates Increase

PGC EXHIBIT NO. 28

NATIONAL FUEL GAS
DISTRIBUTION CORPORATION

Supplement No. 280 to
Gas - Pa. P.U.C. No. 9
One-Hundred-Twenty-Third Revised Page No. 42
Canceling One-Hundred-Twenty-Second Revised Page No. 42

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

For "Large" Commercial/Public Authority Customers:

Basic Service Charge	\$151.00	per Month		
Distribution Charges	21.009¢	per 100 cubic feet		(I)
Gas Adjustment Charge	2.387¢	per 100 cubic feet	Purchased Gas Cost Component (Rider A)	(I)
	<u>0.008¢</u>	per 100 cubic feet	Merchant Function Charge (Rider G)	(I)
	2.395¢	per 100 cubic feet	Total Gas Adjustment Charge	(I)
Natural Gas Supply Charge	51.372¢	per 100 cubic feet	Purchased Gas Cost Component (Rider A)	(I)
	0.175¢	per 100 cubic feet	Merchant Function Charge (Rider G)	(I)
	<u>1.149¢</u>	per 100 cubic feet	Gas Procurement Charge (Rider H)	(I)
	52.696¢	per 100 cubic feet	Total Natural Gas Supply Charge	(I)

The Natural Gas Supply Charge shall include a Merchant Function Charge (Rider G) to recover uncollectible costs associated with purchase gas costs of 0.3398% and the Gas Procurement Charge (Rider H) to recover costs of procuring natural gas pursuant to 52 Pa. Code §62.223.

The above non-purchased gas cost rates shall be subject to surcharges in accordance with the provisions of Rider B - State Tax Adjustment Surcharge and DSIC - Distribution System Improvement Charge 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

- 1. The purchased gas demand costs applicable to the Residential, Commercial and Public Authority, Small Volume Industrial, Intermediate Volume Industrial, Large Volume Industrial and Large Industrial classes, the "DC", shall be obtained from Rider "A" - Section 1307(f) Purchased Gas Costs.
- 2. The number 12 shall be multiplied by the sum of (a) the volume of gas (expressed in Mcf) purchased from the Company by all Residential, Commercial and Public Authority, Small Volume Industrial, Intermediate Volume Industrial, Large Volume Industrial and Large Industrial customers, during the Company peak Sales Month and (b) the volume of service (expressed in Mcf) to all customers under the "Monthly Volume" provisions of Rate Schedule SB, during the Company Peak Sales Month.
 - (a) "Company Peak Sales Month" is defined as the calendar month within which the Company experienced the System-Wide Peak Sales Day, such month being December, January or February preceding the Section 1307(f) Application Period for which the determination of the rate per Gas BDU is being made.
 - (b) "System-Wide Peak Sales Day" is defined as the day of maximum gas purchased by the Company, including all volumes of gas purchased from the Company throughout its entire system in the states of Pennsylvania and New York.
- 3. The amount determined in Item 1 above shall be divided by the amount determined in Item 2 above to determine the amount included in the rate for recovery of purchased gas costs.
- 4. The rate per Gas BDU shall be the amount for purchased gas demand costs (Item 3).

The current rate per Gas BDU is as follows:

Purchased Gas Demand Cost	\$1.2613/BDU	(I)
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Each time there is a change in the provision for recovery of purchased gas costs pursuant to Rider "A" of this tariff, a recomputation shall be made, under Items 1, 2 and 3, above, of the component to be included in the rate for purchased gas demand costs and the rate per Gas BDU shall be changed accordingly.

(D) Indicates Decrease

(I) Indicates Increase

NATIONAL FUEL GAS
DISTRIBUTION CORPORATION

Supplement No. 280 to
Gas - Pa. P.U.C. No. 9
One-Hundred-Fourteenth Revised Page No. 50
Canceling One-Hundred-Thirteenth Revised Page No. 50

B. COMMODITY CHARGES FOR SALES AND FOR TRANSPORTATION SERVICE

1. Commodity Charge for Sales Service

The monthly Commodity Charge for Sales Service shall be the product of multiplying the rate per Mcf, determined as provided below, by the volume of gas sold to the Customer by the Company during the applicable billing cycle.

The rate per Mcf shall be determined as follows and shall be \$3.6844 (I)
per Mcf, subject to revision as provided below:

The current components of the rate are as follows:

Purchased Gas Commodity		
Costs, set forth in Rider "A"	\$3.1278/Mcf	(I)
Non Gas Costs	\$0.5566/Mcf	

a. Determination of Rate per Mcf

The rate per Mcf shall be the sum of:

1. The net amount per Mcf for recovery of the commodity component of purchased gas costs and for recovery or refund of "E" factor amounts, the "PGCC", as determined in Rider "A" - Section 1307(f) Purchased Gas Costs of this tariff; plus
2. The amount of \$0.5566 per Mcf for recovery of non-gas costs.

Each time there is a change in the provision for recovery of purchased gas costs pursuant to Rider "A" of this tariff, a recomputation shall be made of the commodity component of purchased gas costs (Item 1, above) and the rate per Mcf shall be changed accordingly. The component included in the rate for recovery of non-gas costs shall remain constant until changed in accordance with a procedure, other than a proceeding pursuant to Section 1307(f) of the Public Utility Code, 66 Pa.C.S. Section 1307(f).

2. Commodity Charge for Transportation Service

The monthly Commodity Charge for Transportation Service shall be the product of multiplying the rate per Mcf, determined as provided below, by the volume of gas transported by the Company to the Customer's load balancing facilities.

The rate per Mcf for transportation of gas under this rate schedule shall be \$1.0266 per Mcf, which includes \$0.5566 for recovery of non-gas costs and \$0.4700 for recovery of purchased gas.

(D) Indicates Decrease

(I) Indicates Increase

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

MONTHLY RATE

Basic Service Charge			
\$82.00	per Month		
Distribution Charges			
25.109¢	per 100 cubic feet		(I)
Gas Adjustment Charge			
2.387¢	per 100 cubic feet	Purchased Gas Cost Component (Rider A)	(I)
<u>0.008¢</u>	per 100 cubic feet	Merchant Function Charge (Rider G)	(I)
2.395¢	per 100 cubic feet	Total Gas Adjustment Charge	(I)
Natural Gas Supply Charge			
51.372¢	per 100 cubic feet	Purchased Gas Cost Component (Rider A)	(I)
0.175¢	per 100 cubic feet	Merchant Function Charge (Rider G)	(I)
<u>1.149¢</u>	per 100 cubic feet	Gas Procurement Charge (Rider H)	
52.696¢	per 100 cubic feet	Total Natural Gas Supply Charge	(I)

The Natural Gas Supply Charge shall include a Merchant Function Charge (Rider G) to recover uncollectible costs associated with purchase gas costs of 0.3398% and the Gas Procurement Charge (Rider H) to recover costs of procuring natural gas pursuant to 52 Pa. Code §62.223.

The above non-purchased gas cost rates shall be subject to surcharges in accordance with the provisions of Rider B - State Tax Adjustment Surcharge and DSIC - Distribution System Improvement Charge.

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

PGC EXHIBIT NO. 28

NATIONAL FUEL GAS
DISTRIBUTION CORPORATION

Supplement No. 280 to
Gas - Pa. P.U.C. No. 9
One-Hundred-Twentieth Revised Page No. 55
Canceling One-Hundred-Nineteenth Revised Page No. 55

IVIS

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

Basic Service Charge			
\$252.00	per Month		
Distribution Charges			
17.734¢	per 100 cubic feet		(I)
Gas Adjustment Charge			
2.387¢	per 100 cubic feet	Purchased Gas Cost Component (Rider A)	(I)
<u>0.008¢</u>	per 100 cubic feet	Merchant Function Charge (Rider G)	(I)
2.395¢	per 100 cubic feet	Total Gas Adjustment Charge	(I)
Natural Gas Supply Charge			
51.372¢	per 100 cubic feet	Purchased Gas Cost Component (Rider A)	(I)
0.175¢	per 100 cubic feet	Merchant Function Charge (Rider G)	(I)
<u>1.149¢</u>	per 100 cubic feet	Gas Procurement Charge (Rider H)	
52.696¢	per 100 cubic feet	Total Natural Gas Supply Charge	(I)

The Natural Gas Supply Charge shall include a Merchant Function Charge (Rider G) to recover uncollectible costs associated with purchase gas costs of 0.3398% and the Gas Procurement Charge (Rider H) to recover costs of procuring natural gas pursuant to 52 Pa. Code §62.223.

The above non-purchased gas cost rates shall be subject to surcharges in accordance with the provisions of Rider B - State Tax Adjustment Surcharge and DSIC - Distribution System Improvement Charge 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

(D) Indicates Decrease

(I) Indicates Increase

Industrial and Large Industrial customers, during the Company peak Sales Month defined in Rate Schedule CPA-LBS and (b) the volumes of service (expressed in Mcf) to all customers under the "Monthly Volume" provisions of Rate Schedule SB, during the Company Peak Sales Month defined in Rate Schedule CPA-LBS.

- 3. The amount determined in Item 1 above shall be divided by the amount determined in Item 2 above to determine the amount included in the rate for recovery of purchased gas costs.
- 4. The rate per Gas BDU shall be the amount for purchased gas demand costs (Item 3).

The current rate per Gas BDU is as follows:

Purchased Gas Demand Cost	\$1.2613/BDU	(I)
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Each time there is a change in the provision for recovery of purchased gas costs pursuant to Rider "A" of this tariff, a recomputation shall be made, under Items 1, 2 and 3, above, of the component to be included in the rate for purchased gas demand costs and the rate per Gas BDU shall be changed accordingly.

b. Determination of Customer's Gas BDUs

The Customer's Gas BDUs shall be determined as follows: The actual volumes of gas purchased by the Customer from the Company and used by the Customer in the separately-metered load balancing facilities during such Customer's Peak billing Cycle, as defined hereinafter, shall be multiplied by a fraction. The numerator shall be the number 30. The denominator shall be the number of days of service for which such Customer was billed in such Customer's Peak Billing Cycle.

The Customer's Peak Billing Cycle shall be the single billing cycle of maximum delivery to the Customer's separately-metered load balancing facilities that ended during one of the months of December, January, February and March during the period beginning with the most recently-completed billing cycle ended in December and ending with the current billing cycle.

If the customer used no gas under this rate schedule during the most recently concluded billing cycles ended in December, January, February or March, then the level of Gas BDUs applicable to Customer shall be zero (0).

(D) Indicates Decrease

(I) Indicates Increase

2. Margin Demand Charge

- a. The rate per Margin BDU shall be \$.5122 per Margin BDU.
- b. Determination of Customer's Margin BDUs

The Customer's Margin BDUs shall be determined as follows: The actual deliveries of gas to the Customer by Company, including not only volumes of gas purchased by the Customer from the Company and used by the Customer in the separately-metered load balancing facilities but also volumes of Customer-owned gas transported to the Customer's load balancing facilities through the Company's facilities, during such Customer's Peak billing Cycle, as defined hereinafter, shall be multiplied by a fraction. The numerator shall be the number 30. The denominator shall be the number of days of service for which such Customer was billed in such Customer's Peak Billing Cycle.

The Customer's Peak Billing Cycle shall be the single billing cycle of maximum delivery to the Customer's separately-metered load balancing facilities that ended during one of the months of December, January, February and March during the period beginning with the most recently-completed billing cycle ended in December and ending with the current billing cycle.

If the customer used no gas under this rate schedule during the most recently concluded billing cycles ended in December, January, February or March, then the level of Margin BDUs applicable to Customer shall be zero (0).

B. COMMODITY CHARGES FOR SALES AND FOR TRANSPORTATION SERVICE

1. Commodity Charge for Sales Service

The monthly Commodity Charge for Sales Service shall be the product of multiplying the rate per Mcf, determined as provided below, by the volume of gas sold to the Customer by the Company during the applicable billing cycle.

The rate per Mcf shall be determined as follows and shall be \$3.5086 per (I) Mcf, subject to revision as provided below:

The current components of the rate are as follows:

Purchased Gas Commodity		
Costs, set forth in Rider "A"	\$3.1278/Mcf	(I)
Non Gas Costs	\$0.3808/Mcf	

a. Determination of Rate per Mcf

The rate per Mcf shall be the sum of:

- 1. The net amount per Mcf for recovery of the commodity component of purchased gas costs and for recovery or refund of "E" factor amounts, the "PGCC", as determined in Rider "A" - Section 1307(f) Purchased Gas Costs of this tariff; plus

(D) Indicates Decrease

(I) Indicates Increase

2. The amount of \$0.3808 per Mcf for recovery of non-gas costs.

Each time there is a change in the provision for recovery of purchased gas costs pursuant to Rider "A" of this tariff, a recomputation shall be made of the commodity component of purchased gas costs (Item 1, above) and the rate per Mcf shall be changed accordingly. The component included in the rate for recovery of non-gas costs shall remain constant until changed in accordance with a procedure, other than a proceeding pursuant to Section 1307(f) of the Public Utility Code, 66 Pa.C.S. Section 1307(f).

2. Commodity Charge for Transportation Service

The monthly Commodity Charge for Transportation Service shall be the product of multiplying the rate per Mcf, determined as provided below, by the volume of gas transported by the Company to the Customer's load balancing facilities.

The rate per Mcf for transportation of gas under this rate schedule shall be \$0.8908 per Mcf, which includes \$0.3808 for recovery of non-gas costs and \$0.5100 for recovery of purchased gas. (I)

V. SURCHARGE

The non-purchased gas cost Demand Charges and the non-purchased gas cost Commodity Charge for Sales Service and the non-purchased gas cost Commodity Charge for Transportation Service shall be subject to surcharges in accordance with provisions of Rider B - State Tax Adjustment Surcharge and DSIC - Distribution System Improvement Charge.

VI. AMOUNTS TO BE INCLUDED IN OVER/UNDERCOLLECTION OF GAS COSTS

Purchased gas cost revenues billed under this rate schedule shall be included as revenues for recovery of gas costs for purposes of computing Factor "E" of Company's 1307(f) rate in accordance with procedures set forth in Rider "A" - Section 1307(f) Purchased Gas Costs.

VII. SPECIAL PROVISIONS

Monthly metered Special Provisions A through J contained in the Company's Rate Schedule for Transportation Service shall apply to transportation service under this rate schedule.

VIII. 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			
\$1,023.00	per Month		
Distribution Charges			
14.630¢	per 100 cubic feet		(I)
Gas Adjustment Charge			
2.387¢	per 100 cubic feet	Purchased Gas Cost Component	(I)
		(Rider A)	
<u>0.008¢</u>	per 100 cubic feet	Merchant Function Charge	(I)
		(Rider G)	
2.395¢	Per 100 cubic feet	Total Gas Adjustment Charge	(I)

(D) Indicates Decrease

(I) Indicates Increase

LVIS
Large Volume Industrial Service (Cont'd)

Natural Gas Supply Charge			
51.372¢	per 100 cubic feet	Purchased Gas Cost Component (Rider A)	(I)
0.175¢	per 100 cubic feet	Merchant Function Charge (Rider G)	(I)
<u>1.149¢</u>	per 100 cubic feet	Gas Procurement Charge (Rider H)	
52.696¢	per 100 cubic feet	Total Natural Gas Supply Charge	(I)

The Natural Gas Supply Charge shall include a Merchant Function Charge (Rider G) to recover uncollectible costs associated with purchase gas costs of 0.3398% and the Gas Procurement Charge (Rider H) to recover costs of procuring natural gas pursuant to 52 Pa. Code §62.223.

The above non-purchased gas cost rates shall be subject to surcharges in accordance with provisions of Rider B - State Tax Adjustment Surcharge and DSIC - Distribution System Improvement Charge.

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.

APPLICABLE PERIOD

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

(D) Indicates Decrease

(I) Indicates Increase

Commercial and Public Authority, Small Volume Industrial, Intermediate Volume Industrial, Large Volume Industrial and Large Industrial customers, during the Company Peak Sales Month defined in Rate Schedule CPA-LBS and (b) the volume of service (expressed in Mcf) to all customers under the "Monthly Volume" provisions of Rate Schedule SB, during the Company Peak Sales Month defined in Rate Schedule CPA-LBS.

- 3. The amount determined in Item 1 above shall be divided by the amount determined in Item 2 above to determine the amount included in the rate for recovery of purchased gas costs.
- 4. The rate per Gas BDU shall be the amount for purchased gas demand costs (Item 3).

The current rate per Gas BDU is as follows:

Purchased Gas Demand Cost	\$1.2613/BDU	(I)
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Each time there is a change in the provision for recovery of purchased gas costs pursuant to Rider "A" of this tariff, a recomputation shall be made, under Items 1, 2 and 3, above, of the component to be included in the rate for purchased gas demand costs and the rate per Gas BDU shall be changed accordingly.

b. Determination of Customer's Gas BDUs

The Customer's Gas BDUs shall be determined as follows: The actual volumes of gas purchased by the Customer from the Company and used by the Customer in the separately-metered qualifying load balancing facilities during such Customer's Peak billing Cycle, as defined hereinafter, shall be multiplied by a fraction. The numerator shall be the number 30. The denominator shall be the number of days of service for which such Customer was billed in such Customer's Peak Billing Cycle.

The Customer's Peak Billing Cycle shall be the single billing cycle of maximum delivery to the Customer's separately-metered qualifying load balancing facilities that ended during on of the months of December, January, February and March during the period beginning with the most recently-completed billing cycle and ending with the current billing cycle.

If the customer used no gas under this rate schedule during the most recently concluded billing cycles ended in December, January, February or March, then the level of Gas BDUs applicable to Customer shall be zero (0).

(D) Indicates Decrease

(I) Indicates Increase

2. Margin Demand Charge

- a. The rate per Margin BDU shall be \$.3182 per Margin BDU.
- b. Determination of Customer's Margin BDUs

The Customer's Margin BDUs shall be determined as follows: The actual deliveries of gas to the Customer by Company, including not only volumes of gas purchased by the Customer from the Company and used by the Customer in the separately-metered load balancing facilities but also volumes of Customer-owned gas transported to the Customer's load balancing facilities through the Company's facilities, during such Customer's Peak billing Cycle, as defined hereinafter, shall be multiplied by a fraction. The numerator shall be the number 30. The denominator shall be the number of days of service for which such Customer was billed in such Customer's Peak Billing Cycle.

The Customer's Peak Billing Cycle shall be the single billing cycle of maximum delivery to the Customer's separately-metered load balancing facilities that ended during one of the months of December, January, February and March during the period beginning with the most recently-completed billing cycle ended in December and ending with the current billing cycle.

If the customer used no gas under this rate schedule during the most recently concluded billing cycles ended in December, January, February or March, then the level of Margin BDUs applicable to Customer shall be zero (0).

B. COMMODITY CHARGES FOR SALES AND FOR TRANSPORTATION SERVICE

1. Commodity Charge for Sales Service

The monthly Commodity Charge for Sales Service shall be the product of multiplying the rate per Mcf, determined as provided below, by the volume of gas sold to the Customer by the Company during the applicable billing cycle.

The rate per Mcf shall be determined as follows and shall be \$3.3751 per (I) Mcf, subject to revision as provided below:

The current components of the rate are as follows:

Purchased Gas Commodity		
Costs, set forth in Rider "A"	\$3.1278/Mcf	(I)
Non Gas Costs	\$0.2473/Mcf	

a. Determination of Rate per Mcf

The rate per Mcf shall be the sum of:

- 1. The net amount per Mcf for recovery of the commodity component of purchased gas costs and for recovery or refund of "E" factor amounts, the "PGCC", as determined in Rider "A" - Section 1307(f) Purchased Gas Costs of this tariff; plus

D) Indicates Decrease

(I) Indicates Increase

2. The amount of \$0.2473 per Mcf for recovery of non-gas costs.

Each time there is a change in the provision for recovery of purchased gas costs pursuant to Rider "A" of this tariff, a recomputation shall be made of the commodity component of purchased gas costs (Item 1, above) and the rate per Mcf shall be changed accordingly. The component included in the rate for recovery of non-gas costs shall remain constant until changed in accordance with a procedure, other than a proceeding pursuant to Section 1307(f) of the Public Utility Code, 66 Pa.C.S. Section 1307(f).

2. Commodity Charge for Transportation Service

The monthly Commodity Charge for Transportation Service shall be the product of multiplying the rate per Mcf, determined as provided below, by the volume of gas transported by the Company to the Customer's load balancing facilities.

The rate per Mcf for transportation of gas under this rate schedule shall be \$0.7573 per Mcf, which includes \$0.2473 for recovery of non-gas costs (I) and \$0.5100 for recovery of purchased gas.

V. SURCHARGE

The non-purchased gas cost Demand Charges and the non-purchased gas cost Commodity Charge for Sales Service and the non-purchased gas cost Commodity Charge for Transportation Service shall be subject to surcharges in accordance with provisions of Rider B - State Tax Adjustment Surcharge and DSIC - Distribution System Improvement Charge as set forth in this tariff.

VI. AMOUNTS TO BE INCLUDED IN OVER/UNDERCOLLECTION OF GAS COSTS

Purchased gas cost revenues billed under this rate schedule shall be included as revenues for recovery of gas costs for purposes of computing Factor "E" of Company's 1307(f) rate in accordance with procedures set forth in Rider "A" - Section 1307(f) Purchased Gas Costs.

VII. SPECIAL PROVISIONS

Monthly metered Special Provisions A through J contained in the Company's Rate Schedule for Transportation Service shall apply to transportation service under this rate schedule.

VIII. 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

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			
	\$1,165.00	per Month	
Distribution Charges			
	10.380¢	per 100 cubic feet	(I)
Gas Adjustment Charge			
	2.387¢	per 100 cubic feet	Purchased Gas Cost Component (I)
			(Rider A)
	0.008¢	per 100 cubic feet	Merchant Function Charge (I)
			(Rider G)
	2.395¢	per 100 cubic feet	Total Gas Adjustment Charge (I)

(D) Indicates Decrease

(I) Indicates Increase

NATIONAL FUEL GAS
DISTRIBUTION CORPORATION

Supplement No. 280 to
Gas - Pa. P.U.C. No. 9
Fifty-Ninth Revised Page No. 76A
Canceling Fifty-Eighth Revised Page No. 76A

LIS
Large Industrial Service (Cont'd)

Natural Gas Supply Charge			
51.372¢ per 100 cubic feet		Purchased Gas Cost Component (Rider A)	(I)
0.175¢ per 100 cubic feet		Merchant Function Charge (Rider G)	(I)
<u>1.149¢</u> per 100 cubic feet		Gas Procurement Charge (Rider H)	
52.696¢ per 100 cubic feet		Total Natural Gas Supply Charge	(I)

The Natural Gas Supply Charge shall include a Merchant Function Charge (Rider G) to recover uncollectible costs associated with purchase gas costs of 0.3398% and the Gas Procurement Charge (Rider H) to recover costs of procuring natural gas pursuant to 52 Pa. Code §62.223.

The above non-purchased gas cost rates shall be subject to surcharges in accordance with provisions of Rider B - State Tax Adjustment Surcharge and DSIC - Distribution System Improvement Charge.

GAS SHORTAGE CURTAILMENT

Service under this schedule to an LIS Industrial Customer is subject to curtailment and excess consumption penalty as set forth in Rule 26 of this tariff.

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

LBS and (b) volume of service (expressed in Mcf) to all customers under the "Monthly Volume" provisions of Rate Schedule SB, during the Company Peak Sales Month defined in Rate Schedule CPA-LBS.

- 3. The amount determined in Item 1 above shall be divided by the amount determined in Item 2 above to determine the amount included in the rate for recovery of purchased gas costs.
- 4. The rate per Gas BDU shall be the amount for purchased gas demand costs (Item 3).

The current rate per Gas BDU is as follows:

Purchased Gas Demand Cost	\$1.2613/BDU	(I)
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Each time there is a change in the provision for recovery of purchased gas costs pursuant to Rider "A" of this tariff, a recomputation shall be made, under Items 1, 2 and 3, above, of the component to be included in the rate for purchased gas demand costs and the rate per Gas BDU shall be changed accordingly.

b. Determination of Customer's Gas BDUs

The Customer's Gas BDUs shall be determined as follows: The actual volumes of gas purchased by the Customer from the Company and used by the Customer in the separately-metered load balancing facilities during such Customer's Peak billing Cycle, as defined hereinafter, shall be multiplied by a fraction. The numerator shall be the number 30. The denominator shall be the number of days of service for which such Customer was billed in such Customer's Peak Billing Cycle.

The Customer's Peak Billing Cycle shall be the single billing cycle of maximum delivery to the Customer's separately-metered load balancing facilities that ended during one of the months of December, January, February and March during the period beginning with the most recently-completed billing cycle ended in December and ending with the current billing cycle.

If the customer used no gas under this rate schedule during the most recently concluded billing cycles ended in December, January, February or March, then the level of Gas BDUs applicable to Customer shall be zero (0).

(D) Indicates Decrease

(I) Indicates Increase

2. Margin Demand Charge

- a. The rate per Margin BDU shall be \$.2517 per Margin BDU.
- b. Determination of Customer's Margin BDUs

The Customer's Margin BDUs shall be determined as follows: The actual deliveries of gas to the Customer by Company, including not only volumes of gas purchased by the Customer from the Company and used by the Customer in the separately-metered load balancing facilities but also volumes of Customer-owned gas transported to the Customer's load balancing facilities through the Company's facilities, during such Customer's Peak billing Cycle, as defined hereinafter, shall be multiplied by a fraction. The numerator shall be the number 30. The denominator shall be the number of days of service for which such Customer was billed in such Customer's Peak Billing Cycle.

The Customer's Peak Billing Cycle shall be the single billing cycle of maximum delivery to the Customer's separately-metered load balancing facilities that ended during one of the months of December, January, February and March during the period beginning with the most recently-completed billing cycle ended in December and ending with the current billing cycle.

If the customer used no gas under this rate schedule during the most recently concluded billing cycles ended in December, January, February or March, then the level of Margin BDUs applicable to Customer shall be zero (0).

B. COMMODITY CHARGES FOR SALES AND FOR TRANSPORTATION SERVICE

1. Commodity Charge for Sales Service

The monthly Commodity Charge for Sales Service shall be the product of multiplying the rate per Mcf, determined as provided below, by the volume of gas sold to the Customer by the Company during the applicable billing cycle.

The rate per Mcf shall be determined as follows and shall be \$3.3202 per (I) Mcf, subject to revision as provided below:

The current components of the rate are as follows:

Purchased Gas Commodity		
Costs, set forth in Rider "A"	\$3.1278/Mcf	(I)
Non Gas Costs	\$0.1924/Mcf	

a. Determination of Rate per Mcf

The rate per Mcf shall be the sum of:

(D) Indicates Decrease

(I) Indicates Increase

1. The net amount per Mcf for recovery of the commodity component of purchased gas costs and for recovery or refund of "E" factor amounts, the "PGCC", as determined in Rider "A" - Section 1307(f) Purchased Gas Costs of this tariff; plus

2. The amount of \$.1924 per Mcf for recovery of non-gas costs.

Each time there is a change in the provision for recovery of purchased gas costs pursuant to Rider "A" of this tariff, a recomputation shall be made of the commodity component of purchased gas costs (Item 1, above) and the rate per Mcf shall be changed accordingly. The component included in the rate for recovery of non-gas costs shall remain constant until changed in accordance with a procedure, other than a proceeding pursuant to Section 1307(f) of the Public Utility Code, 66 Pa.C.S. Section 1307(f).

2. Commodity Charge for Transportation Service

The monthly Commodity Charge for Transportation Service shall be the product of multiplying the rate per Mcf, determined as provided below, by the volume of gas transported by the Company to the Customer's load balancing facilities.

The rate per Mcf for transportation of gas under this rate schedule shall be \$0.7024 per Mcf, which includes \$0.1924 for recovery of non-gas costs and \$0.5100 for recovery of purchased gas. (I)

V. SURCHARGE

The non-purchased gas cost Demand Charges and the non-purchased gas cost Commodity Charge for Sales Service and the non-purchased gas cost Commodity Charge for Transportation Service shall be subject to surcharges in accordance with provisions of Rider B - State Tax Adjustment Surcharge and DSIC - Distribution System Improvement Charge as set forth in this tariff.

VI. AMOUNTS TO BE INCLUDED IN OVER/UNDERCOLLECTION OF GAS COSTS

Purchased gas cost revenues billed under this rate schedule shall be included as revenues for recovery of gas costs for purposes of computing Factor "E" of Company's 1307(f) rate in accordance with procedures set forth in Rider "A" - Section 1307(f) Purchased Gas Costs.

VII. SPECIAL PROVISIONS

Monthly metered Special Provisions A through J contained in the Company's Rate Schedule for Transportation Service shall apply to transportation service under this rate schedule.

VIII. 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

RATE SCHEDULE - NGV

NATURAL GAS VEHICLE SERVICE

I. APPLICABILITY

Throughout the territory served under this tariff.

II. AVAILABILITY

Sales Service under this rate schedule is available for use of natural gas by a customer directly in a natural gas motor vehicle ("NGV").

III. NATURE OF SERVICE

Service provided in this rate schedule shall be firm service subject to the curtailment priorities of Rule 26. For curtailment purposes, service under this rate schedule shall be defined as curtailment priority number (6), firm large noncritical commercial and industrial requirements other than requirement for boiler fuel use.

IV. RATE

Rates per 100 cu. Ft. shall be established by the Company on the first day of each calendar month for each of the categories set forth below to compete with alternative vehicle fuels. The rates shall not be less than the 100% load factor base cost of gas, plus the take-or-pay surcharge, plus the surcharge for Transition Cost, plus the incremental operating cost incurred by the Company for operating Company owned NGV compression equipment on a per Ccf basis, if any, plus \$0.01 per cu. ft., plus the state tax adjustment surcharge, and not more than the tailblock rate of the Commercial and Public Authority Service Rate Schedule, including all applicable surcharges, plus the incremental operating cost incurred by the Company for operating Company owned NGV compression equipment on a per Ccf basis, if any.

The 100% load factor base cost of gas shall be \$0.43891 per 100 cu. ft. (I)
(as calculated by adding the purchase gas components of the Load Balancing Service Rates).

Purchased Gas 100% Load Factor Demand	\$0.12613/Ccf	(I)
Cost		
plus		
Purchased Gas Commodity Cost	<u>\$0.31278/Ccf</u>	(I)
Equals		
100% Load Factor Base Cost of Gas	\$0.43891/Ccf	(I)

The incremental operating cost for compression shall be \$0.13436/Ccf.

(D) Indicates Decrease

(I) Indicates Increase

PGC EXHIBIT NO. 28

NATIONAL FUEL GAS
DISTRIBUTION CORPORATION

Supplement No. 280 to
Gas - Pa. P.U.C. No. 9
One-Hundred-Thirty-First Revised Page No. 83
Canceling One-Hundred-Thirtieth Revised Page No. 83

Natural gas vehicle customers are classified into the following categories:

NGV(1) All natural gas vehicle customers utilizing Company owned filling facilities. A uniform rate shall be established each month within the parameters set forth above, for customers utilizing Company-owned filling facilities.

The minimum NGV(1) rate shall be: \$0.58275/Ccf (I)

The current components of the minimum NGV(1) rate are as follows:

100% load factor base cost of gas: \$0.43891/Ccf (I)
Incremental operating cost of Company owned NGV compression equipment: \$0.13436/Ccf
Transition Cost Surcharge \$0.00000/Ccf
State Tax Adjustment Surcharge \$(0.00052)/Ccf (D)
Minimum allowable Non-Gas cost \$0.01000/Ccf

The maximum NGV(1) rate shall be: \$0.89455/Ccf (I)

The current components of the maximum NGV(1) rate are as follows:

Tailblock rate of the Commercial and Public Authority Service Rate schedule: \$0.76100/Ccf (I)
Incremental operating cost of Company owned NGV compression equipment: \$0.13436/Ccf
State Tax Adjustment Surcharge \$(0.00081)/Ccf (D)

NGV(2) Natural gas vehicle customers utilizing customer owned filling facilities. A uniform rate will be established each month within the parameters set forth above, to customers utilizing customer owned filling facilities.

The minimum NGV(2) rate shall be: \$0.44851/Ccf (I)

The current components of the minimum NGV(2) rate are as follows:

100% load factor base cost of gas: \$0.43891/Ccf (I)
Transition Cost Surcharge \$0.00000/Ccf
State Tax Adjustment Surcharge \$(0.00040)/Ccf (D)
Minimum allowable Non-Gas cost \$0.01000/Ccf

The maximum NGV(2) rate shall be: \$0.76032/Ccf (I)

(D) Indicates Decrease

(I) Indicates Increase

PGC EXHIBIT NO. 28

NATIONAL FUEL GAS
DISTRIBUTION CORPORATION

Supplement No. 280 to
Gas - Pa. P.U.C. No. 9
One-Hundred-Twenty-Sixth Revised Page No. 84
Canceling One-Hundred-Twenty-Fifth Revised Page No. 84

The current components of the maximum NGV(2) rate are as follows:

Tailblock rate of the Commercial and Public Authority		(I)
Service Rate schedule:	\$0.76100/Ccf	
State Tax Adjustment Surcharge	\$(0.00068)/Ccf	(D)

V. SURCHARGE

All non-purchased gas cost charges under this rate schedule will be subject to surcharges in accordance with provisions of Rider B - State Tax Adjustment Surcharge and DSIC - Distribution System Improvement Charge as set forth in this tariff.

VI. AMOUNTS TO BE INCLUDED IN OVER/UNDERCOLLECTION OF GAS COSTS

Purchased gas cost revenues billed under this rate schedule shall be included as revenues for recovery of gas costs for purposes of computing Factor "E" of Company's 1307(f) rate in accordance with procedures set forth in Rider "A" - section 1307(f) Purchased Gas Costs. Purchased gas cost revenues recovered under this rate schedule shall be the 100% load factor base cost of gas as defined above.

VII. 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

RATE SCHEDULE PSB

PRIORITY STANDBY SERVICE

APPLICABILITY

Throughout the territory served under this tariff.

AVAILABILITY OF SERVICE

Service under this rate schedule is available to all customers under the Residential, Commercial and Public Authority, and SVIS Rate Schedules which enter into a contract for service under this Rate Schedule. A customer will be permitted to enter into a contract, prepared by the Company, for service under this rate schedule, however, only if the Company projects that sufficient volumes of gas will be available to the Company during the period of the customer's contract for Priority Standby Service.

Service under this rate schedule is mandatory for all customers categorized as Priority 1 under the curtailment priorities of Rule 26 who enter into contracts with the Company to receive Transportation Service and who do not have dual or alternate fuel equipment on site which is installed and operable with sufficient amounts of alternate fuel available on site during each winter period of each year commencing on December 1 and ending on March 31 of the following year. Service under this rate schedule is voluntary for all other customers.

NATURE OF SERVICE

Priority standby service shall permit the customer to purchase gas on a firm basis subject to curtailment priorities of Rule 26. The Company will take all reasonable steps to obtain or to maintain gas supplies sufficient to enable the Company to provide reasonably continuous service to each Customer receiving Priority Standby Service.

MONTHLY RATE

The monthly rate shall be \$1.2284 per Mcf, which shall be applied to the total monthly volumes transported by the customer during the month. (I)

The rate shall equal the PGDC portion of the commodity rate applicable to the corresponding sales rate classification.

(D) Indicates Decrease

(I) Indicates Increase

MONTHLY RATE

The monthly rate shall be \$0.5764 per Mcf, which shall be applied to the Monthly Volume, as defined below. (I)

MONTHLY VOLUME

The Mcf volume of gas to which the Monthly Rate set forth above shall be applied, shall be determined for each billing cycle, as set forth below;

1. The volume of gas specified in the Service Agreement under this rate schedule shall be adjusted for each billing cycle by, multiplying such volume, expressed in Mcf, by a fraction. The numerator of the fraction shall be the number of days in the billing cycle applicable to the customer and the denominator shall be thirty (30).
2. If the volume determined under item 1, above, is greater than the sum of the Mcf volume of gas purchased by the customer under rate schedules other than load balancing rate schedules during the billing cycle, the Monthly Rate shall be applied to the difference between: (a) the volume determined under item 1, above, and (b) the Mcf volume of gas purchased by the customer under the rate schedules other than load balancing rate schedules during such billing cycle.
3. If the volume determined under item 1, above, is equal to or less than the Mcf volume of gas purchased by the customer under rate schedules other than load balancing rate schedules during the billing cycle, then the Monthly Volume shall be zero (0) Mcf.

(D) Indicates Decrease

(I) Indicates Increase

NATIONAL FUEL GAS
DISTRIBUTION CORPORATION

Supplement No. 280 to
Gas - Pa. P.U.C. No. 9
Fifty-Seventh Revised Page No. 100
Canceling Fifty-Fourth and Fifty-Sixth Revised Page No. 100

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

MONTHLY RATES

Commodity Rates

The commodity rates set forth below contain a component, presently (I)
\$0.5100 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:

\$3.4711 Mcf (I)

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:

\$2.8094 per Mcf for Small Commercial/Public Authority using not more (I)
than 250 Mcf per year

\$2.5655 per Mcf for Small Commercial/Public Authority using greater (I)
than 250 Mcf but not more than 1,000 Mcf per year

\$2.1772 per Mcf for Large Commercial/Public Authority (I)

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:

\$2.8094 per Mcf for Small Commercial/Public Authority using not more (I)
than 250 Mcf per year

\$2.5655 per Mcf for Small Commercial/Public Authority using greater (I)
than 250 Mcf but not more than 1,000 Mcf per year

\$2.1722 per Mcf for Large Commercial/Public Authority (I)

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

\$2.5822per Mcf for SVIS Customers (I)

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

\$2.5822 per Mcf for SVIS Customers (I)

(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:
\$1.8447 per Mcf for IVIS Customers (I)

For transportation of gas to Intermediate Volume Industrial Customers, the monthly rate for transportation of gas produced outside the Commonwealth of Pennsylvania shall be:
\$1.8447 per Mcf for IVIS Customers (I)

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:
\$1.5343 per Mcf (I)

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:
\$1.5343 per Mcf (I)

For transportation of gas to Large Industrial Customers, the monthly rate for transportation of gas produced within the Commonwealth of Pennsylvania shall be:
\$1.1093 per Mcf (I)

For transportation of gas to Large Industrial Customers, the monthly rate for transportation of gas produced outside the Commonwealth of Pennsylvania shall be:
\$1.1093 per Mcf (I)

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

PGC EXHIBIT NO. 28

NATIONAL FUEL GAS
DISTRIBUTION CORPORATION

Supplement No. 280 to
Gas - Pa. P.U.C. No. 9
One-Hundred-Thirteenth Revised Page No.106
Canceling One-Hundred-Twelfth Revised Page No.106

E. In the event of interruption or curtailment of transportation service, pursuant to items C and D, above, and during such period of interruption or curtailment, the MMT Customer must sell to the Company all or a portion of the MMT Customer's supply of gas at the higher of (1) the Transportation Service Customer's cost of purchased gas at the point of delivery to the Company or (2) the Company's average cost of purchased gas per Mcf, as determined based upon the Company's Section 1307(f) Rate, which is \$5.5714.

(I)

F. If for any reason (including the default of an MMNGS Supplier), the MMNGS Supplier fails to provide sufficient daily deliveries of natural gas supplies to meet the MMT Customers DDQ pursuant to the terms of MMNGS supply service, and/or MMT Customer's MMNGS Supplier does not provide complete compensation to the Company for services provided under Rate Schedule MMNGS, Special Provision D.3, the Company shall charge the MMT Customer for the deficient daily deliveries under the applicable gas sales rate schedule plus applicable surcharge as set forth in Rate Schedule SB Special Provisions.

(D) Indicates Decrease

(I) Indicates Increase

E. In the event of interruption or curtailment of transportation service, pursuant to items C and D, above, and during such period of interruption or curtailment, the DMT Service Customer must sell to the Company all or a portion of the DMT Service Customer's supply of gas at the higher of (1) the Transportation Service Customer's cost of purchased gas at the point of delivery to the Company or (2) the Company's average cost of purchased gas per Mcf, as determined based upon the Company's Section 1307(f) Rate, which is \$5.5714.

(I)

F. If a Gas Service Customer receiving gas transported by the Company uses less than the amount of gas delivered into the Company's system for transportation to such Customer ("excess deliveries"), the Gas Service Customer receiving gas transported by the Company may use such gas during the banking/balancing period defined below, following which the Company shall have the right, but not the obligation, to purchase remaining excess deliveries of gas from the DMT service Customer at a rate equal to the lowest of (1) the cost at which it was acquired by the DMT Service Customer, including pipeline transportation charges, or (2) the Company's average commodity delivered cost of gas to National Fuel Gas Supply Corporation, or (3) the Company's average commodity cost of locally produced gas during the month when excess deliveries were received by the Company. The cost at which the DMT Service Customer acquired the gas will be determined from such Customer's contract with the supplier or by a sworn affidavit setting forth the Customer's cost of gas, including cost of delivery of such gas to the Company's system. Upon request by the Company, the DMT Service Customer will be required to furnish to the Company the DMT service Customer's choice of (1) a copy of this contract or (2) an affidavit. The banking/balancing period shall be the three billing months after the billing month in which the Company received excess deliveries in behalf of the Customer.

G. "Underdeliveries" are volumes of gas taken from the Company by a Gas Service Customer in excess of the sum of (1) any excess deliveries of the customer at the beginning of the day and (2) the volume of gas delivered to the Company for the customer's account, after adjustment for line losses less volumes of volumes of gas determined to be sales by the Company to the customer. Cumulative underdeliveries, as determined each day, in excess of two percent of the volume of gas delivered by the Company to the customer that day, shall be a sale of gas by the Company to the customer under the applicable rate schedule plus applicable surcharges as set forth in Rate Schedule SB Special Provisions and shall not be recharacterized as transportation service under any circumstances. Cumulative underdeliveries of not more than two percent of the volume of gas delivered to a customer by the Company on any day may be offset by volumes of gas delivered to the Company for the customer's account, after adjustment for line losses, in excess of the volume of gas taken by the customer from the Company on subsequent days within the same billing month.

(D) Indicates Decrease

(I) Indicates Increase

NATIONAL FUEL GAS
DISTRIBUTION CORPORATION

Supplement No. 280 to
Gas - Pa. P.U.C. No. 9
Sixty-Sixth Revised Page No. 119A
Canceling Sixty-Fifth Revised Page No. 119A

RATE SCHEDULE SATC
SMALL AGGREGATION TRANSPORTATION CUSTOMER SERVICE (Cont'd)

RATES AND CHARGES

A. Customer Transportation Service Rates

The Company will provide transportation services to deliver gas supplies to the SATC Customer(s). The Customer shall be billed the charges for the transportation services rendered for it at the appropriate charges provided herein for which service the SATC Customer qualifies.

The SATC Customer shall pay the following transportation charges for the transportation of gas. The commodity rates set forth below contain a component, presently \$0.04387 per Ccf, for the recovery of purchased gas demand costs and shall be adjusted pursuant to Rider A of the tariff. Such purchased gas costs collected through these rates shall be included as revenues for the recovery of purchased gas costs as specified in Rider A of this tariff. (I)

(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:

\$14.00 Basic Service Charge
\$0.33998 per 100 cubic feet (I)

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:

\$27.00 Basic Service Charge
\$0.27381 per 100 cubic feet (I)

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:

\$37.00 Basic Service Charge
\$0.24942 per 100 cubic feet (I)

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

\$151.00 Basic Service Charge
\$0.21009 per 100 cubic feet (I)

(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:

\$82.00 Basic Service Charge
\$0.25109 per 100 cubic feet (I)

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:

\$252.00 Basic Service Charge
\$0.17734 per 100 cubic feet (I)

B. Miscellaneous Customer Surcharges

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

2. The above non-purchased gas cost SATC rates shall be subject to surcharges in accordance with provisions of Rider B - State Tax Adjustment Surcharge and DSIC - Distribution System Improvement Charge.

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

RATE SCHEDULE SATS
SMALL AGGREGATION TRANSPORTATION SUPPLIER SERVICE (Cont.)

C. Total Upstream Capacity Requirements for SATS Suppliers

SATS Suppliers shall be required to provide sufficient firm pipeline transportation and storage capacity to meet the estimated extreme day requirements of their SATC Customer groups as further described below. The SATS Suppliers' estimated extreme day requirements of their SATC Customer Group used for Supplier capacity allocations and requirements shall be based on a sixty-two (62) degree day extreme peak day calculation. The Company shall utilize peaking and temperature swing storage capacity retained by the Company and recovered through SATC rates to provide for any variances between actual and forecasted usage and for any peak delivery requirements for days colder than sixty-two (62) degree days.

Such sufficient pipeline transportation and storage capacity shall be provided through the following means:

1. Released ESS Storage Capacity and Associated EFT Capacity

a. Requirements To Be Met Through ESS Storage

52% of extreme peak day requirements shall be provided through the Company's ESS storage and associated EFT transportation capacity on NFGSC. Such NFGSC Storage and transmission capacity shall be released to SATS Suppliers at the maximum rate under the pipeline's FERC gas tariff. (D)

b. Initial Assignment of ESS Storage Capacity

In a month a SATS Supplier begins to serve SATC customers, it shall be provided with an initial assignment of storage capacity, based on the percentage set forth at C.1.a. above, to meet the Supplier's requirements for the upcoming winter period. Approximately fifteen days prior to the close of nominations for the month, the Company will calculate the quantity of storage capacity released to match the SATS Supplier's winter requirements based on the number of SATC Customers aggregated by the Supplier. If the initial assignment takes place in a month other than April, the Company will transfer storage gas to the Supplier pursuant to C.1.c below. The SATS Supplier shall be responsible for all taxes and pipeline fees associated with moving or transferring the storage gas to the Company.

(D) Indicates Decrease

(I) Indicates Increase

RATE SCHEDULE SATS
SMALL AGGREGATION TRANSPORTATION SUPPLIER SERVICE (Cont.)

c. Additional Assignments of ESS Storage Capacity

Approximately fifteen days prior to the close of nominations for each month, the Company will recalculate the quantity of storage capacity released to match the SATS Supplier's revised winter requirements based on the number of SATC Customers aggregated by the Supplier. If additional SATC Customers join a SATS Supplier's SATC Customer Group, the Company will release additional capacity as required, based on the percentage set forth at C.1.a. above. In addition, the SATS Supplier will be required to pay the Company for storage gas transferred and all taxes and pipeline fees associated with moving or transferring the storage gas to the Supplier. The storage gas transfer rate shall be the sum of (1) the higher of the Company's average cost of gas based upon the Company's Section 1307f rate, or the DMI for the first day of month in which gas is transferred plus all transportation costs to the Company's City Gate, plus (2) the demand Transfer Recovery Rate ("DTR Rate"). The DTR rate shall equal the per Mcf System Average Unrecovered Demand Charge revenue beginning in the month of April through the initial month that storage capacity is released to the Supplier. The System Average Unrecovered demand Charge Revenue shall equal the sum of the differences between the average demand charge revenues and the average fixed demand costs beginning the month of April through the initial month that storage capacity is released to the Supplier.

The DTR by month shall be as follows:

Capacity Transfer <u>Month</u>	DTR <u>\$/Mcf</u>	
April	\$0.00	
May	\$0.00	
June	\$0.00	
July	\$0.00	
August	\$0.00	
September	\$0.00	
October	\$0.00	
November	\$0.94	(I)
December	\$1.31	(I)
January	\$1.09	(I)
February	\$0.56	(I)
March	\$0.00	

(D) Indicates Decrease

(I) Indicates Increase

RATE SCHEDULE SATS
SMALL AGGREGATION TRANSPORTATION SUPPLIER SERVICE (Cont.)

2. Released Transmission Capacity Not Included in SATC
Transportation Rates

48% of extreme peak day requirements is to be provided by the release of pipeline capacity upstream of NFGSC and the release of associated EFT transportation capacity on NFGSC which is not included in transportation rates. All such capacity shall be released to SATS Suppliers, and SATS Suppliers shall take such released capacity, at the maximum rate under the pipeline's FERC gas tariff. The actual pipeline capacity path upstream of NFGSC to be released to the Supplier by the Company shall be designated by the Company from its available capacity. The Company will attempt to accommodate a Supplier's request for particular capacity on a first-come first-serve basis. (I)

As an alternative to the above, the Company may designate an alternative capacity path(s) from its available capacity. The capacity release rate for the pipeline capacity path released to the Supplier shall be \$7.1451/Dth which equals the weighted average demand cost of upstream capacity, however, capacity released on NFGSC will be released at the maximum rate under NFGSC's FERC gas tariff. The Company will post a listing of the alternative capacity path(s) designated, including the associated quantity of capacity, on its web site. (I)

For capacity termination notices, prior to the termination notice date of any capacity contract in this Section C.2., the Company will issue a request for proposals to qualified Suppliers under this tariff to determine if the Company should terminate, renew, or replace such contract, in whole or in part. The Company will terminate a proportionate share of the capacity contract if: (1) Suppliers demonstrate that they will provide comparable firm capacity to serve the Company's core customers, (2) the Suppliers agree to assign such comparable capacity at the contracted price to the Company upon Company request if such capacity is required to meet supply requirements of SATC Customers due to the termination of the SATS Supplier pursuant to Section H.1. or if the Supplier has reduced the level of delivery requirements from the previous periods requirements, and 3) the Commission approves such comparable capacity. Comparable capacity must have firm rights for at least the seven (7) winter months, and such capacity must have primary delivery rights into available primary receipt rights on NFGSC held by the Company. Comparable capacity must have firm capacity rights sufficient in volume and duration (with renewal rights) to serve the customers to be served by the SATS Supplier. The Company will post a listing of capacity contracts, including the associated quantity of capacity, that it determines to be of critical status on its web site.

(D) Indicates Decrease

(I) Indicates Increase

E. In the event of interruption or curtailment of transportation service, pursuant to items C and D, above, and during such period of interruption or curtailment, the DMLMT Service customer must sell to the Company all or a portion of the DMLMT Service Customer's supply of gas at the higher of (1) the Transportation Service Customer's cost of purchased gas at the point of delivery to the Company or (2) the Company's average cost of purchased gas per Mcf, as determined based upon the Company's Section 1307(f) Rate which is \$5.5714.

(I)

F. If a Gas Service Customer receiving gas transported by the Company uses less than the amount of gas delivered into the Company's system for transportation to such Customer ("excess deliveries"), the Gas Service Customer receiving gas transported by the Company may use such gas during the banking/balancing period defined below, following which the Company shall have the right, but not the obligation, to purchase remaining excess deliveries of gas from the DMLMT Service Customer at a rate equal to the lowest of (1) the cost at which it was acquired by the DMLMT Service Customer, including pipeline transportation charges, or (2) the Company's average commodity delivered cost of gas to National Fuel Gas Supply Corporation, or (3) the Company's average commodity cost of locally-produced gas during the month when excess deliveries were received by the Company. The cost at which the DMLMT Service Customer acquired the gas will be determined from such Customer's contract with the supplier or by a sworn affidavit setting forth the Customer's cost of gas, including cost of delivery of such gas to the Company's system. Upon request by the Company, the DMLMT service Customer will be required to furnish to the Company the DMLMT Service Customer's choice of (1) a copy of this contract or (2) an affidavit. The banking/balancing period shall be the three billing months after the billing month in which the Company received excess deliveries in behalf of the Customer.

G. "Underdeliveries" are volumes of gas taken from the Company by a Gas Service Customer in excess of the sum of (1) any excess deliveries of the customer at the beginning of the day and (2) the volume of gas delivered to the Company for the customer's account, after adjustment for line losses less volumes of gas determined to be sales by the Company to the customer. Cumulative underdeliveries, as determined each day, in excess of two percent of the volume of gas delivered by the Company to the customer that day, shall be a sale of gas by the Company to the customer under the applicable rate schedule plus applicable surcharges as set forth in Rate Schedule SB Special Provisions and shall not be recharacterized as transportation service under any circumstances. Cumulative underdeliveries of not more than two percent of the volume of gas delivered to a customer by the Company on any day may be offset by volumes of gas delivered to the Company for the customer's account, after adjustment for line losses, in excess of the volume of gas taken by the customer from the Company on subsequent days within the same billing month.

(D) Indicates Decrease

(I) Indicates Increase

RIDER A
SECTION 1307(F) PURCHASED GAS COSTS
PROVISION FOR RECOVERY OF PURCHASED GAS COSTS

Rates for each Mcf (1,000 cubic feet) of gas supplied under Residential, Low Income Residential Assistance Service, Commercial and Public Authority, Commercial and Public Authority Load Balancing Service ("LBS"), Small Volume Industrial, Intermediate Volume Industrial, Intermediate Volume Industrial LBS, Large Industrial, Large Industrial LBS, Large Volume Industrial, Large Volume Industrial LBS and Natural Gas Vehicle Service rate schedules of this tariff, shall include \$1.9604 per Mcf for recovery of purchased gas commodity costs, calculated in the manner set forth below, pursuant to Section 1307(f) of the Public Utility Code. (I)

Rates for each Mcf (1,000 cubic feet) of gas supplied under Residential, Commercial and Public Authority, Small Volume Industrial Service, Intermediate Volume Industrial, Large Volume Industrial Service, Large Industrial Service and Standby Service rate schedules of this tariff, shall include \$1.8715 per Mcf for recovery of purchased gas demand costs, calculated in the manner set forth below, pursuant to Section 1307(f) of the Public Utility Code. (I)

Rates for each Mcf (1,000 cubic feet) of gas transported under the Small Aggregation Transportation Customer Rate Schedule shall include \$0.3676 per Mcf for the recovery of purchased gas demand costs. (I)

Such rates for gas service shall be increased or decreased, from time to time, as provided by Section 1307(f) of the Public Utility Code and the Commission's regulations, to reflect changes in the level of purchased gas costs.

The amounts per Mcf for recovery of purchased gas costs (commodity and demand) included in rates under each rate schedule of the tariff are as follows:

	Distribution		Gas Adjustment	Natural Gas	
	Total	Charges	Charge	Supply Charge	
Residential	\$5.8146	\$0.4387	\$0.2387	\$5.1372	(I)
Low Income Residential Assistance Service	\$5.8146	\$0.4387	\$0.2387	\$5.1372	(I)
Commercial/Public Authority	\$5.8146	\$0.4387	\$0.2387	\$5.1372	(I)
Small Volume Industrial	\$5.8146	\$0.4387	\$0.2387	\$5.1372	(I)
Intermediate Volume Industrial	\$5.8146	\$0.4387	\$0.2387	\$5.1372	(I)
Large Volume Industrial	\$5.8146	\$0.4387	\$0.2387	\$5.1372	(I)
Large Industrial	\$5.8146	\$0.4387	\$0.2387	\$5.1372	(I)
Standby	\$0.5764				(I)
Priority Standby	\$1.2284				(I)
Small Aggregation Transportation Customer Rate Schedule	\$0.4387	\$0.4387			(I)

(I) Indicates Decrease

(I) Indicates Increase

Rider G
Merchant Function Charge (MFC) Rider

Applicability:

The Merchant Function Charge (MFC) shall be added to the Natural Gas Supply Charge and Gas Adjustment Charge of Residential, CAP, Commercial and Public Authority, SVIS, IVIS, LVIS and LIS rate schedules.

Such charges shall be updated quarterly and effective each February 1, May 1, August 1, and November 1 of the year. The charge will also be updated whenever there is a change to the Sales Service Rate Customer Charge, Distribution Charge, Natural Gas Supply Charge or Gas Adjustment Charge.

Calculation of Rate:

For customers receiving service in the Residential classification, the MFC shall equal 1.8032% times the Natural Gas Supply Charge and the Gas Adjustment Clause as calculated for Rider A.

The current Residential MFC Charge is:

Natural Gas Supply Charge per Mcf	\$0.0926	(I)
Gas Adjustment clause (E-Factor) per Mcf	\$0.0043	(I)
Total Residential MFC per Mcf	\$0.0969	(I)

For customers receiving service in the Non-Residential classifications, the MFC shall equal 0.3398% times the Natural Gas Supply Charge and Gas Adjustment Clause as calculated for Rider A.

The current Non-Residential MFC Charge is:

Natural Gas Supply Charge per Mcf	\$0.0175	(I)
Gas Adjustment clause (E-Factor) per Mcf	\$0.0008	(I)
Total Non-Residential MFC per Mcf	\$0.0183	(I)

(C) Indicates Change

(D) Indicates Decrease

(I) Indicates Increase

Rider H
Gas Procurement Charge (GPC)

APPLICABILITY

Effective June 1, 2013, the Gas Procurement Charge will be included in the Natural Gas Supply Charge of Residential, CAP, Commercial and Public Authority, SVIS, IVIS, LVIS and LIS rate schedules.

The charge is designed to recover the costs of procuring natural gas pursuant to 52 Pa. Code §62.223. The natural gas procurement costs included in the GPC charge will only be updated in a base rate case.

The GPC to be included in the Natural Gas Supply Charge shall be \$0.1149 / Mcf and is not reconcilable.

	Residential (¢ per 100 cubic feet)	Non Residential (¢ per 100 cubic feet)	
Price To Compare Component			
Natural Gas Supply Charge			
Purchased Gas Cost Component (Rider A)	51.372	51.372	(I)
Merchant Function Charge associated with Natural Gas Supply Charge (Rider G)	0.926	0.175	(I)
Gas Procurement Charge (Rider H)	<u>1.149</u>	<u>1.149</u>	
Subtotal Natural Gas Supply Charge	53.447	52.696	(I)
Gas Adjustment Charge			
Purchased Gas Cost Component (Rider A)	2.387	2.387	(I)
Merchant Function Charge associated with Gas Adjustment Charge (Rider G)	<u>0.043</u>	<u>0.008</u>	(I)
Subtotal Gas Adjustment Charge	2.430	2.395	(I)
Total Price To Compare	<u>55.877</u>	<u>55.091</u>	(I)

(C) Indicates Change

(D) Indicates Decrease

(I) Indicates Increase

National Fuel Gas Distribution Corporation
Pennsylvania Division
Computation of Weighted Average Cost of Capacity
for Mandatory Release Capacity Under the Rate Schedule
Small Aggregation Transportation Supplier Service
On or After August 1, 2025

Computation Year: Twelve Months Ended July 2026

	Total Pa. Monthly Capacity Dth (A)	Applicable # of Months in Rate Yr (B)	Total Pa Annual Capacity Dth (C)	Demand Rate \$/Dth (D)	Total Demand Cost (E=DxC)
Texas Eastern	10,000	12	120,000	\$ 6.7790	\$ 813,480
TGP 1-4	8,750	12	105,000	\$ 12.3661	\$ 1,298,441
TGP 4-4	65,250	12	783,000	\$ 4.4075	\$ 3,451,073
Columbia - FTS	1,748	12	20,976	\$ 10.6660	\$ 223,730
Columbia FSS Demand				\$ 2.9300	\$ 647,542
Columbia FSS Capacity				\$ 0.0523	\$ 353,986
Columbia SST	18,417		165,756	\$ 10.5470	\$ 1,748,229
Total	<u>104,165</u>		<u>1,194,732</u>		<u>8,536,479</u>
Total Mandatory Release Capacity (Dth)					<u>1,194,732</u>
Weighted Average Cost of Capacity (\$/Dth)				<u>\$</u>	<u>7.1451</u>

Columbia Annual Capacity is 6 months at 18,417 and 6 months at 9,209.

National Fuel Gas Distribution Corporation

Pennsylvania Division

Calculation of Demand Transfer Recovery Rate

Storage Cycle April 2025 - March 2026

Month	Total Normal Sales Load Pattern (MMcf)	Demand Charge Rate	Demand Charge Revenue (\$000)	Fixed Demand Cost (\$000)	Demand Cost (Under) Over Recovery (\$000)	Cumulative Demand Cost (Under) Over Recovery (\$000)	Storage Transfer Volumes @ 52% of Peak Day Requirements (MMcf)	Demand Cost in Storage Rate	Demand Cost Recovered in Storage Rate (\$000)	(Under) Over Recovery of Demand Cost (\$000)	Demand Transfer Recovery Rate	
1 Apr	2,305.10	\$ 2.24	\$ 5,161.34	\$ 4,495.52	\$ 665.82	\$ 665.82	877.84	\$ 2.69	\$ 2,358.58	\$ 3,024.40	\$ -	Apr
2 May	1,407.62	\$ 2.24	\$ 3,151.80	\$ 4,495.52	\$ (1,343.72)	\$ (677.90)	1,755.68	\$ 2.69	\$ 4,717.15	\$ 4,039.25	\$ -	May
3 Jun	583.42	\$ 2.24	\$ 1,306.34	\$ 4,495.52	\$ (3,189.18)	\$ (3,867.08)	2,633.51	\$ 2.69	\$ 7,075.73	\$ 3,208.65	\$ -	Jun
4 Jul	286.57	\$ 2.24	\$ 641.66	\$ 4,495.52	\$ (3,853.86)	\$ (7,720.94)	3,511.35	\$ 2.69	\$ 9,434.30	\$ 1,713.36	\$ -	Jul
5 Aug	252.92	\$ 2.69	\$ 679.54	\$ 4,495.52	\$ (3,815.98)	\$ (11,536.92)	4,389.19	\$ 2.69	\$ 11,792.88	\$ 255.95	\$ -	Aug
6 Sep	319.98	\$ 2.69	\$ 859.71	\$ 4,495.52	\$ (3,635.81)	\$ (15,172.73)	5,267.03	\$ 2.69	\$ 14,151.45	\$ (1,021.28)	\$ 0.19	Sep
7 Oct	738.54	\$ 2.69	\$ 1,984.32	\$ 4,495.52	\$ (2,511.21)	\$ (17,683.94)	6,144.87	\$ 2.69	\$ 16,510.03	\$ (1,173.91)	\$ 0.19	Oct
8 Nov	1,613.47	\$ 2.69	\$ 4,335.07	\$ 4,495.52	\$ (160.46)	\$ (17,844.39)	4,915.89	\$ 2.69	\$ 13,208.02	\$ (4,636.37)	\$ 0.94	Nov
9 Dec	2,833.45	\$ 2.69	\$ 7,612.91	\$ 4,495.52	\$ 3,117.39	\$ (14,727.01)	3,686.92	\$ 2.69	\$ 9,906.02	\$ (4,820.99)	\$ 1.31	Dec
10 Jan	3,696.69	\$ 2.69	\$ 9,932.26	\$ 4,495.52	\$ 5,436.74	\$ (9,290.27)	2,457.95	\$ 2.69	\$ 6,604.01	\$ (2,686.26)	\$ 1.09	Jan
11 Feb	3,646.44	\$ 2.69	\$ 9,797.26	\$ 4,495.52	\$ 5,301.74	\$ (3,988.53)	1,228.97	\$ 2.69	\$ 3,302.01	\$ (686.53)	\$ 0.56	Feb
12 Mar	3,157.68	\$ 2.69	\$ 8,484.05	\$ 4,495.52	\$ 3,988.53	\$ 0.00	-	\$ 2.69	\$ -	\$ 0.00	\$ -	Mar
	<u>20,841.88</u>		<u>\$ 53,946.27</u>	<u>\$ 53,946.27</u>								

Pennsylvania Division - Design Day Capacity	2025-2026
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Firm Requirements	Dth/day
Retail 74 DD (NFGDC Provided)	267,393
Unbundled Aggregated @ 62 DD	19,439
Unbundled Aggregated @ 12 DD	3,567
Priority Standby @ 52 DD	6,515
MMT Imbalance	28,651
DMT Imbalance	1,025
Local Production Balancing	2,392
Contingency Capacity	21,810
Total Forecasted Requirements	350,792

Intermediate Capacity	
NFGSC EFT - E00528	291,130
NFGSC EFT - E11178	9,000
NFGSC EFT E11969	10,000
NFGSC EFT - E12642	10,000
NFGSC FT - 31,000 Receipt	30,662
Total Intermediate Capacity	350,792

Upstream Pipeline	
COL FTS	1,748
TGP FT-A Z0, L, 4 to 4 (74,000 less SATS)	65,428
TGP FT-A Z0 to Z4 SATS	8,572
TET FT1- (M2 to M2)	10,000
Total Upstream Pipeline	85,748

Deliveries from Storage	
NFGSC ESS-1 (187,563 Less SATS)	177,611
NFGSC ESS-1 SATS update 6/19	9,952
COL FSS	18,417
NFGSC FSS (19 - day)	10,666
Total Storage Deliveries	230,646

* NFGSC Fuel Rate	1.09%
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Winter Gas Calls	35,925
Total NFGSC Citygate	35,925
Total (Pipeline + Storage + Citygate)	352,319
Less NFGSC Fuel non-NFSTOR*	(1,527)
Total Upstream FT + Storage + App (net NFGSC fuel)	350,792

Total Capacity Available	350,792
Total Capacity Required	350,792

NATIONAL FUEL GAS DISTRIBUTION CORPORATION

National Fuel Gas Distribution Corporation hereby provides its Proposed Reliability Plan as well as its Supply Plan, as required by Sections 1317(c) and (d) of the Public Utility Code:

Distribution's projected design day requirements for customers utilizing the system during the application period of August 1, 2025 through July 31, 2026 are provided in PGC Exhibit Nos. 15, 24, 26-A, 26-B and 30. Distribution's projected winter seasonal requirements for customers utilizing the system are provided in PGC Exhibit No. 15.

Distribution's capacity that ensures the deliverability of the supplies necessary to meet the Company's projected design day and seasonal requirements is provided in PGC Exhibit Nos. 4, 4-A and 8. Distribution's plan for natural gas supply acquisition is set forth in PGC Exhibit No. 8.

NATIONAL FUEL GAS DISTRIBUTION CORPORATION

National Fuel Gas Distribution Corporation hereby provides as Attachment A its supply mix summaries for the twelve-month period ended November 30, 2024.

National Fuel Gas Distribution Corporation
Supply Mix Portfolio
Dec-23

<u>Description</u>	<u>Total Cost</u> \$	<u>Total Quantity</u> Dths	<u>Avg Rate</u> \$/Dth
Daily	\$650,161	323,911	\$ 2.01
First of Month	\$1,576,213	690,773	\$ 2.28
Forward	\$1,664,778	558,000	\$ 2.98
<u>Local Production</u>	<u>\$16,399</u>	<u>10,167</u>	<u>\$ 1.61</u>
Total	\$3,907,551	1,582,851	\$ 2.47

National Fuel Gas Distribution Corporation
Supply Mix Portfolio
Jan-24

<u>Description</u>	<u>Total Cost</u> \$	<u>Total Quantity</u> Dths	<u>Avg Rate</u> \$/Dth
Daily	\$3,646,915	634,077	\$ 5.75
First of Month	\$1,461,992	659,773	\$ 2.22
Forward	\$1,664,778	558,000	\$ 2.98
<u>Local Production</u>	<u>\$17,083</u>	<u>10,423</u>	<u>\$ 1.64</u>
Total	\$6,790,768	1,862,273	\$ 3.65

National Fuel Gas Distribution Corporation
Supply Mix Portfolio
Feb-24

<u>Description</u>	<u>Total Cost</u> \$	<u>Total Quantity</u> Dths	<u>Avg Rate</u> \$/Dth
Daily	\$651,866	429,883	\$ 1.52
First of Month	\$1,449,891	660,707	\$ 2.19
Forward	\$1,557,373	522,000	\$ 2.98
<u>Local Production</u>	<u>\$15,873</u>	<u>10,596</u>	<u>\$ 1.50</u>
Total	\$3,675,002	1,623,186	\$ 2.26

National Fuel Gas Distribution Corporation
Supply Mix Portfolio
Mar-24

<u>Description</u>	<u>Total Cost</u> \$	<u>Total Quantity</u> Dths	<u>Avg Rate</u> \$/Dth
Daily	\$502,845	366,610	\$ 1.37
First of Month	\$988,280	713,000	\$ 1.39
Forward	\$731,290	248,000	\$ 2.98
<u>Local Production</u>	<u>\$10,608</u>	<u>10,947</u>	<u>\$ 0.97</u>
Total	\$3,166,510	1,648,557	\$ 1.92

National Fuel Gas Distribution Corporation
Supply Mix Portfolio
Apr-24

<u>Description</u>	<u>Total Cost</u> \$	<u>Total Quantity</u> Dths	<u>Avg Rate</u> \$/Dth
Daily	\$963,291	677,428	\$ 1.42
First of Month	\$1,486,985	1,109,714	\$ 1.34
Forward	\$0	0	\$ -
<u>Local Production</u>	<u>\$12,356</u>	<u>11,938</u>	<u>\$ 1.04</u>
Total	\$2,462,632	1,799,080	\$ 1.37

National Fuel Gas Distribution Corporation
Supply Mix Portfolio
May-24

<u>Description</u>	<u>Total Cost</u> \$	<u>Total Quantity</u> Dths	<u>Avg Rate</u> \$/Dth
Daily	\$579,551	381,160	\$ 1.52
First of Month	\$1,377,174	1,032,297	\$ 1.33
Forward	\$0	0	\$ -
<u>Local Production</u>	<u>\$12,900</u>	<u>12,356</u>	<u>\$ 1.04</u>
Total	\$1,969,624	1,425,813	\$ 1.38

National Fuel Gas Distribution Corporation
Supply Mix Portfolio
Jun-24

<u>Description</u>	<u>Total Cost</u> \$	<u>Total Quantity</u> Dths	<u>Avg Rate</u> \$/Dth
Daily	\$974,587	575,787	\$ 1.69
First of Month	\$1,221,827	759,000	\$ 1.61
Forward	\$0	0	\$ -
<u>Local Production</u>	<u>\$12,159</u>	<u>9,529</u>	<u>\$ 1.28</u>
Total	\$2,208,573	1,344,316	\$ 1.64

National Fuel Gas Distribution Corporation
Supply Mix Portfolio
Jul-24

<u>Description</u>	<u>Total Cost</u> \$	<u>Total Quantity</u> Dths	<u>Avg Rate</u> \$/Dth
Daily	\$890,096	613,045	\$ 1.45
First of Month	\$1,402,116	716,100	\$ 1.96
Forward	\$0	0	\$ -
<u>Local Production</u>	<u>\$18,506</u>	<u>12,231</u>	<u>\$ 1.51</u>
Total	\$2,310,717	1,341,376	\$ 1.72

National Fuel Gas Distribution Corporation
Supply Mix Portfolio
Aug-24

<u>Description</u>	<u>Total Cost</u> \$	<u>Total Quantity</u> Dths	<u>Avg Rate</u> \$/Dth
Daily	\$1,041,548	713,149	\$ 1.46
First of Month	\$945,795	716,100	\$ 1.32
Forward	\$0	0	\$ -
<u>Local Production</u>	<u>\$8,185</u>	<u>8,318</u>	<u>\$ 0.98</u>
Total	\$1,995,528	1,437,567	\$ 1.39

National Fuel Gas Distribution Corporation
Supply Mix Portfolio
Sep-24

<u>Description</u>	<u>Total Cost</u> \$	<u>Total Quantity</u> Dths	<u>Avg Rate</u> \$/Dth
Daily	\$1,039,151	678,102	\$ 1.53
First of Month	\$1,003,393	738,000	\$ 1.36
Forward	\$0	0	\$ -
<u>Local Production</u>	<u>\$10,375</u>	<u>9,751</u>	<u>\$ 1.06</u>
Total	\$2,052,919	1,425,853	\$ 1.44

National Fuel Gas Distribution Corporation
Supply Mix Portfolio
Oct-24

<u>Description</u>	<u>Total Cost</u> \$	<u>Total Quantity</u> Dths	<u>Avg Rate</u> \$/Dth
Daily	\$1,109,319	660,273	\$ 1.68
First of Month	\$1,702,007	1,063,298	\$ 1.60
Forward	\$0	0	\$ -
<u>Local Production</u>	<u>\$14,298</u>	<u>10,799</u>	<u>\$ 1.32</u>
Total	\$2,825,623	1,734,370	\$ 1.63

National Fuel Gas Distribution Corporation
Supply Mix Portfolio
Nov-24

<u>Description</u>	<u>Total Cost</u> \$	<u>Total Quantity</u> Dths	<u>Avg Rate</u> \$/Dth
Daily	\$1,108,693	505,915	\$ 2.19
First of Month	\$558,525	300,000	\$ 1.86
Forward	\$1,205,750	419,990	\$ 2.87
<u>Local Production</u>	<u>\$15,184</u>	<u>10,846</u>	<u>\$ 1.40</u>
Total	\$2,888,152	1,236,751	\$ 2.34

Criteria of a Sound Rate Structure¹

Revenue-related Attributes:

1. Effectiveness in yielding total revenue requirements under the fair-return standard without any socially undesirable expansion of the rate base or socially undesirable level of product quality and safety.
2. Revenue stability and predictability, with a minimum of unexpected changes seriously adverse to utility companies.
3. Stability and predictability of the rates themselves, with a minimum of unexpected changes seriously adverse to ratepayers and with a sense of historical continuity. (Compare “The best tax is an old tax.”)

Cost-related Attributes:

4. Static efficiency of the rate classes and rate blocks in discouraging wasteful use of service while promoting all justified types and amounts of use:
 - (a) in the control of the total amounts of service supplied by the company; and
 - (b) in the control of the relative uses of alternative types of service by ratepayers (on-peak versus off-peak service or higher quality versus lower quality service).
5. Reflection of all the present and future private and social costs and benefits occasioned by a service’s provision (i.e., all internalities and externalities).
6. Fairness of the specific rates in the apportionment of total costs of service among the different ratepayers so as to avoid arbitrariness and capriciousness and to attain equity in three dimensions: (1) horizontal (i.e., equals treated equally); (2) vertical (i.e., unequals treated unequally); and (3) anonymous (i.e., no ratepayer’s demands can be diverted away uneconomically from an incumbent by a potential entrant).
7. Avoidance of undue discrimination in rate relationships so as to be, if possible, compensatory (i.e., subsidy free with no intercustomer burdens).
8. Dynamic efficiency in promoting innovation and responding economically to changing demand and supply patterns.

¹ Principles of Public Utility Rates, Second Edition, Bonbright, James C., Albert L. Danielsen, David R. Kamerschen; Public Utilities Reports, Inc., 1988, pages 383-384.

Practical-related Attributes:

9. The related, practical attributes of simplicity, certainty, convenience of payment, economy in collection, understandability, public acceptability, and feasibility of application.
10. Freedom from controversies as to proper interpretation.

**National Fuel Gas Distribution Corporation
 Pennsylvania Division
 Calculation of PSB Service Rates and SB Service Rates**

Peak Capacity Requirement (52DD)		6,201
PLUS PAD Shrink @.15		<u>9</u>
MCF (See PGC Exhibit No. 26-B)		6,210
BTU		1.049
Dth		6,515
Upstream Capacity Rate	\$	7.1451 /Dth
Annualized Upstream Capacity Amount	\$	558,570
EFT Rate	\$	6.9865
Annualized EFT Amount	\$	546,171
Total Annualized Amount	\$	1,104,741
Normalized Annual Priority Standby (PSB) Volumes		899,312 Mcf
Calculated PSB Rate	\$	1.2284 \$/Mcf
Average Sales Load Factor		46.9231%
Standby (SB) Service Rate	\$	0.5764 \$/Mcf