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File #: 209228

December 30, 2024

VIA ELECTRONIC FILING

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

Re: Pennsylvania Public Utility Commission v. National Fuel Gas Distribution Corporation
Docket No. R-2025-

Dear Secretary Chiavetta:

Attached for filing on behalf of National Fuel Gas Distribution Corporation (“Distribution”) is data required by 52 Pa. Code §§ 53.64 and 53.65 to be filed before annual tariff filings for changes in rates for recovery of purchased gas costs. The attached data is compiled into 28 (Exhibit Nos. 1-27, 35) exhibits which are contained in a single volume.

As shown in the enclosed PGC Exhibit No. 21, Schedule 1, Page 4, Distribution proposes to increase rates for recovery of purchased gas costs for the principal rate schedules for sales service by \$1.6511 per Mcf. The amount of the increase is based upon a comparison between rates for recovery of purchased gas costs proposed in this filing and presently effective rates based upon Distribution’s most recent quarterly PGC filing that became effective on November 1, 2024.

It is noted also that Distribution is proposing to increase rates for recovery of purchased gas costs for monthly metered transportation service. Distribution proposes that the present rate of \$0.4700 per Mcf be increased to \$0.5100 per Mcf. This rate provides for recovery of the approximate costs of storage and transportation services which Distribution uses to balance monthly metered transportation customers’ usage with volumes delivered to Distribution for their accounts.

Rosemary Chiavetta, Secretary
December 30, 2024
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REQUEST FOR CONFIDENTIAL TREATMENT OF PROPRIETY INFORMATION

Pages 9-10 of PGC Exhibit No. 8, pages 1-18 of PGC Exhibit 9-A, pages 1-5 of PGC Exhibit 9-B, and page 2 of PGC Exhibit No. 12 contain information which Distribution considers to be proprietary and confidential. These pages have been stamped "CONFIDENTIAL." Copies of these pages are contained in a sealed envelope which also has been stamped "CONFIDENTIAL." The public or non-confidential filing contains versions of these pages on which the confidential material has been redacted. Further, Distribution has uploaded copies of the above-identified CONFIDENTIAL materials to the Pennsylvania Public Utility Commission's ("Commission") CONFIDENTIAL SharePoint website, as recommended by the Secretary's Bureau.

Distribution requests that the copies of the materials that have been stamped "CONFIDENTIAL" and that are contained in the envelope that has been stamped "CONFIDENTIAL" and also uploaded to the Commission's CONFIDENTIAL SharePoint site be given confidential treatment by the Commission, including its various offices and bureaus. That is, Distribution requests that the confidential materials be excluded from the Commission's public document folder and that the confidential copies not be disclosed to the public.

As indicated on the enclosed Certificate of Service, copies of the enclosed filing are being served upon the Bureau of Investigation and Enforcement, Office of Consumer Advocate, and Office of Small Business Advocate. Please direct all correspondence with regard to the enclosed filing to the undersigned. Respectfully submitted,

Respectfully submitted,



Anthony D. Kanagy

ADK/dmc
Enclosures

cc: Certificate of Service

CERTIFICATE OF SERVICE

I hereby certify that a true and correct copy of the foregoing has been served upon the following persons, in the manner indicated, in accordance with the requirements of 52 Pa. Code § 1.54 (relating to service by a participant).

VIA E-MAIL

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Date: December 30, 2024

A handwritten signature in blue ink, appearing to read "Anthony D. Kanagy", is written over a horizontal line.

Anthony D. Kanagy

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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 November 2024

<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	17,299,675	35,945,860	504,028	0	36,449,888
Storage	(62,715)	233,542	14,857,681	0	15,091,222
Transportation		1,007,502	27,551,666	7,897,084	36,456,252
Transportation Credit			(3,198,406)	0	(3,198,406)
Local Production	223,291	298,499			298,499
Peoples Gas Company	5,160	41,242			41,242
Exchange Gas	65,971	223,314			223,314
Off-System Sales	0	0			0
Off-System Sales Refund		0			0
Subtotal	17,531,382	37,749,958	39,714,969	7,897,084	85,362,011
Credit - Line Hits		<u>(6,930)</u>			<u>(6,930)</u>
Total		<u>37,743,029</u>			<u>85,355,081</u>

NATIONAL FUEL GAS DISTRIBUTION CORPORATION

Pennsylvania Division

Summary of Cost of Gas by Gas Supplier
Twelve Months Ended November 2024

<u>Supplier</u>	<u>Projected Quantity Purchased</u> Mcf	<u>Commodity Cost</u> \$	<u>Demand Cost</u> \$	<u>Total Projected Cost</u> \$
Upstream				
December 2023	1,507,703	4,264,797	119,288	4,384,084
January 2024	1,764,273	6,499,521	119,288	6,618,809
February	1,517,788	3,884,098	113,042	3,997,140
March	1,251,422	2,165,289	110,776	2,276,065
April	1,841,219	2,766,383	263	2,766,646
May	1,448,808	2,113,224	263	2,113,487
June	1,266,663	2,216,446	263	2,216,709
July	1,241,336	2,282,304	263	2,282,567
August	1,333,168	2,002,930	263	2,003,193
September	1,282,286	1,992,088	263	1,992,350
October	1,684,923	2,903,579	259	2,903,838
November	1,160,086	2,855,201	39,799	2,895,000
Total	17,299,675	35,945,860	504,028	36,449,888

NATIONAL FUEL GAS DISTRIBUTION CORPORATION

Pennsylvania Division
Summary of Cost of Gas by Gas Supplier
Twelve Months Ended November 2024

<u>Supplier</u>	Total Quantity <u>Purchased</u> Mcf	Commodity <u>Cost</u> \$	Total Projected <u>Cost</u> \$
Local Production			
December 2023	16,228	28,712	28,712
January 2024	17,809	31,853	31,853
February	17,641	28,405	28,405
March	15,452	14,107	14,107
April	18,778	21,180	21,180
May	24,823	24,970	24,970
June	18,943	25,045	25,045
July	15,046	24,593	24,593
August	22,048	23,942	23,942
September	18,878	19,609	19,609
October	15,736	23,183	23,183
November	<u>21,909</u>	<u>32,900</u>	<u>32,900</u>
Total	<u><u>223,291</u></u>	<u><u>298,499</u></u>	<u><u>298,499</u></u>

NATIONAL FUEL GAS DISTRIBUTION CORPORATION
 Pennsylvania Division
 Summary of Transportation Credits
 Twelve Months Ended November 2024

	2024												Total
	December	January	February	March	April	May	June	July	August	September	October	November	
Rate \$/Mcf	0.3700	0.3700	0.3700	0.3700	0.3700	0.3700	0.3700	0.3700	0.4700	0.4700	0.4700	0.4700	0.4700
Transportation Credit - \$	(354,402)	(394,740)	(459,556)	(386,967)	(340,610)	(229,998)	(179,735)	(142,104)	(137,929)	(149,994)	(160,673)	(261,698)	(3,198,406)

NATIONAL FUEL GAS DISTRIBUTION CORPORATION
 Pennsylvania Division
 Summary of Credit Due to Line Hills
 Twelve Months Ended November 2024

	2024												Total
	December	January	February	March	April	May	June	July	August	September	October	November	
Line Hills (Credit) Amount - \$	210	397	653	532	1,818	411	622	115	567	367	1,229	9	6,930

NATIONAL FUEL GAS DISTRIBUTION CORPORATION
 Pennsylvania Division
 Summary of Exchange Gas
 Twelve Months Ended November 2024

	2024												Total
	January	February	March	April	May	June	July	August	September	October	November		
Exchange Gas - Mcf	7,126	10,004	15,796	11,381	3,799	3,372	1,665	200	(683)	(776)	1,803		65,971
Commodity - \$	21,971	18,910	3,157	(8,552)	80,124	190,119	231,875	(37,244)	(105,551)	95,193	(262,846)		223,314

NATIONAL FUEL GAS DISTRIBUTION CORPORATION
 Pennsylvania Division
 Summary of Off-System Sales Refund
 Twelve Months Ended November 2024

	2024												Total	
	December	January	February	March	April	May	June	July	August	September	October	November		
Off-System Sales Margin - \$	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Off-System Sales Refund (75%) - \$	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Prior Period Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Net Off-System Sales Refund - \$	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Note: Effective August 1, 2001 Sharing 75% / 25% before tax

NATIONAL FUEL GAS DISTRIBUTION CORPORATION
Pennsylvania Division
Details of Upstream Purchases
Twelve Months Ended November 2024

	2024												Total
	December	January	February	March	April	May	June	July	August	September	October	November	
Purchase Volume - Mcf													
Spot	336,852	197,482	413,919	487,916	1,669,781	1,313,908	1,257,822	1,265,375	1,358,553	1,307,527	1,610,598	145,461	11,365,194
Contracted	1,195,396	1,602,653	1,133,764	784,345	206,011	163,731	33,261	(94)	0	0	104,885	1,037,666	6,261,618
Shrinkage	(24,545)	(35,862)	(29,895)	(20,839)	(34,573)	(28,831)	(24,420)	(23,945)	(25,385)	(25,241)	(30,560)	(23,041)	(327,137)
Total (Mcf)	1,507,703	1,764,273	1,517,788	1,251,422	1,841,219	1,448,808	1,266,663	1,241,336	1,333,168	1,282,286	1,684,923	1,160,086	17,299,675
Demand Costs - \$													
Spot	0	0	0	0	0	0	0	0	0	0	0	0	0
Contracted	119,288	119,288	113,042	110,776	263	263	263	263	263	263	259	39,799	504,028
Total Demand Costs - \$	119,288	119,288	113,042	110,776	263	263	263	263	263	263	259	39,799	504,028
Commodity Costs - \$													
Spot	729,766	439,104	658,907	741,874	2,440,344	1,912,469	2,162,683	2,278,227	1,988,853	1,988,150	2,757,836	331,974	18,440,188
Contracted	3,535,030	6,060,417	3,225,191	1,423,415	326,039	200,755	53,763	4,077	4,077	3,937	145,743	2,523,227	17,505,672
Total Commodity Costs - \$	4,264,797	6,499,521	3,884,098	2,165,289	2,766,383	2,113,224	2,216,446	2,282,304	2,002,930	1,992,088	2,903,579	2,855,201	35,945,860
Total Cost - \$	4,384,084	6,618,809	3,997,140	2,276,065	2,766,646	2,113,487	2,216,709	2,282,567	2,003,193	1,992,350	2,903,838	2,895,000	36,449,888

NATIONAL FUEL GAS DISTRIBUTION CORPORATION
Pennsylvania Division
Details of Storage
Twelve Months Ended November 2024

	2024												
	December	January	February	March	April	May	June	July	August	September	October	November	Total
Rental													
Demand - \$	1,068,702	1,068,706	1,227,330	1,227,377	1,511,029	1,228,901	1,227,894	1,226,797	1,224,889	1,224,724	1,225,420	1,224,494	14,686,263
Commodity - \$	57,965	166,011	(27,767)	45,142	28,478	38,324	40,194	37,961	42,229	37,919	30,208	26,068	522,732
Total	1,126,667	1,234,718	1,199,563	1,272,520	1,539,507	1,267,225	1,268,087	1,264,758	1,267,118	1,262,643	1,255,628	1,250,562	15,208,995
Gas Costs													
Injection - Mcf	(126,396)	4,170	(40,979)	(51,919)	(610,741)	(979,478)	(974,112)	(929,124)	(986,804)	(1,003,909)	(833,358)	36,713	(6,495,937)
Withdrawal - Mcf	1,064,073	1,954,751	1,398,246	1,076,116	140,197	87	185	15,729	6,938	3,638	29,907	743,355	6,433,222
Net (Injection)/Withdrawal	937,677	1,958,921	1,357,267	1,024,197	(470,544)	(979,391)	(973,927)	(913,395)	(979,866)	(1,000,271)	(803,451)	780,068	(62,715)
Demand - \$	2,491,502	5,224,638	3,619,967	2,731,636	(1,165,114)	(2,425,070)	(2,411,541)	(2,473,200)	(2,653,183)	(2,708,434)	(2,054,183)	1,994,400	171,418
Commodity - \$	2,772,523	4,426,073	3,309,288	2,497,197	(3,677,232)	(2,050,747)	(2,039,306)	(1,283,861)	(2,068,439)	(2,111,491)	(2,240,182)	2,174,986	(289,191)
Total	5,264,025	9,650,711	6,929,255	5,228,833	(4,842,346)	(4,475,817)	(4,450,846)	(3,757,061)	(4,721,623)	(4,819,925)	(4,294,365)	4,169,385	(117,773)
Total Storage Costs													
Demand - \$	3,560,204	6,283,345	4,847,297	3,959,013	345,915	(1,196,169)	(1,183,647)	(1,246,403)	(1,428,294)	(1,483,710)	(828,763)	3,218,894	14,857,681
Commodity - \$	2,830,488	4,592,084	3,281,522	2,542,340	(3,648,753)	(2,012,423)	(1,999,112)	(1,245,900)	(2,024,211)	(2,073,572)	(2,209,974)	2,201,054	233,542
Total	6,390,692	10,885,428	8,128,819	6,501,353	(3,302,838)	(3,208,592)	(3,182,759)	(2,492,303)	(3,452,505)	(3,557,282)	(3,038,737)	5,419,948	15,091,222

NATIONAL FUEL GAS DISTRIBUTION CORPORATION
 Pennsylvania Division
 Detail of Costs Related to Peoples Gas Company
 Twelve Months Ended November 2024

	2024												Total
	December	January	February	March	April	May	June	July	August	September	October	November	
Mcf	860	1,009	833	563	396	153	123	112	141	96	264	610	5,160
Amount - \$	4,278	7,642	6,854	5,196	3,606	1,524	1,290	1,228	1,486	1,042	2,240	4,857	41,242

NATIONAL FUEL GAS DISTRIBUTION CORPORATION
 Pennsylvania Division
 Transportation Charges
 Twelve Months Ended November 2024

	2024												Total
	December	January	February	March	April	May	June	July	August	September	October	November	
Demand - Distribution Charge - \$	538,517	538,517	682,005	682,005	682,005	682,005	682,005	682,005	682,005	682,005	682,005	682,005	7,897,084
Demand - Natural Gas Supply - \$	1,840,237	1,875,517	2,405,890	2,437,756	2,555,784	2,349,867	2,311,947	2,309,562	2,330,620	2,326,250	2,412,474	2,396,363	27,551,666
Total Demand - \$	2,378,754	2,414,034	3,087,895	3,119,761	3,237,189	3,031,872	2,993,952	2,991,567	3,012,625	3,008,255	3,094,479	3,078,368	35,448,750
Commodity - \$	135,544	180,853	109,295	120,631	80,957	57,529	37,099	34,408	39,011	36,732	72,140	103,304	1,007,502
Total Costs - \$	2,514,298	2,594,887	3,197,190	3,240,392	3,318,146	3,089,401	3,031,051	3,025,975	3,051,636	3,044,987	3,166,619	3,181,672	36,456,252

NATIONAL FUEL GAS DISTRIBUTION CORPORATION

Pennsylvania Division
Temperature Swing / Peaking Capacity Costs
Twelve Months Ended November 2024

	2024												Total
	December	January	February	March	April	May	June	July	August	September	October	November	
NFGSC EFT Capacity (Dth)	54,111	54,111	54,111	54,111	54,111	54,111	54,111	54,111	54,111	54,111	54,111	54,111	54,111
Rate (\$/Dth)	5.1512	2,7643	6.9865	6.9865	6.9865	6.9865	6.9865	6.9865	6.9865	6.9865	6.9865	6.9865	6.9865
Amount (\$)	278,737	278,737	378,047	378,047	378,047	378,047	378,047	378,047	378,047	378,047	378,047	378,047	378,047
NFGSC ESS Delivery (Dth)	43,445	43,445	43,445	43,445	43,445	43,445	43,445	43,445	43,445	43,445	43,445	43,445	43,445
Rate (\$/Dth)	2.7643	2.7643	3.2263	3.2263	3.2263	3.2263	3.2263	3.2263	3.2263	3.2263	3.2263	3.2263	3.2263
Amount (\$)	120,095	120,095	140,167	140,167	140,167	140,167	140,167	140,167	140,167	140,167	140,167	140,167	140,167
NFGSC ESS Capacity (Dth)	2,027,925	2,027,925	2,027,925	2,027,925	2,027,925	2,027,925	2,027,925	2,027,925	2,027,925	2,027,925	2,027,925	2,027,925	2,027,925
Rate (\$/Dth)	0.0502	0.0502	0.0589	0.0589	0.0589	0.0589	0.0589	0.0589	0.0589	0.0589	0.0589	0.0589	0.0589
Amount (\$)	101,802	101,802	119,445	119,445	119,445	119,445	119,445	119,445	119,445	119,445	119,445	119,445	119,445
NFGSC FSS Capacity (Dth)	10,666	10,666	10,666	10,666	10,666	10,666	10,666	10,666	10,666	10,666	10,666	10,666	10,666
Rate (\$/Dth)	2.6536	2.6536	3.1020	3.1020	3.1020	3.1020	3.1020	3.1020	3.1020	3.1020	3.1020	3.1020	3.1020
Amount (\$)	28,303	28,303	33,086	33,086	33,086	33,086	33,086	33,086	33,086	33,086	33,086	33,086	33,086
NFGSC FSS Capacity (Dth)	200,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000
Rate (\$/Dth)	0.0479	0.0479	0.0563	0.0563	0.0563	0.0563	0.0563	0.0563	0.0563	0.0563	0.0563	0.0563	0.0563
Amount (\$)	9,580	9,580	11,260	11,260	11,260	11,260	11,260	11,260	11,260	11,260	11,260	11,260	11,260
Grand Total Cost - Distribution Charge (\$)	538,517	538,517	682,005										
													7,897,084

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	16,898,767	41,360,901	19,506,601	5,449,184	66,316,687
Storage		7,490,582	19,698,495	0	27,189,077
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	4,049	31,617			31,617
Subtotal	16,999,694	49,116,456	33,688,197	5,449,184	88,253,837
Credit - Line Hits		<u>(4,758)</u>			<u>(4,758)</u>
Total		<u>49,111,699</u>			<u>88,249,080</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	5,499,224	2,226,977	681,148	8,407,349
January 2025	4,041,602	6,504,285	2,467,799	681,148	9,653,232
February	3,457,742	6,012,484	2,474,336	681,148	9,167,968
March	2,995,892	5,723,461	2,487,941	681,148	8,892,550
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	16,898,767	41,360,901	19,506,601	5,449,184	66,316,687

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
	<hr/>		
Total	96,878	233,356	233,356
	<hr/> <hr/>		

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)

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

	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>
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	2,101,887	1,577,659	1,035,526	(166,560)	(1,079,601)	(1,214,321)	(1,078,567)	2,639,821
Total Volume - Dth	3,399,284	4,239,641	3,627,171	3,142,691	1,783,576	730,564	424,101	379,779	17,726,807
Conversion Factor	1.0490	1.0490	1.0490	1.0490	1.0490	1.0490	1.0490	1.0490	
Total Volume - Mcf	3,240,500	4,041,602	3,457,742	2,995,892	1,700,263	696,439	404,291	362,039	16,898,767
Net Purchases - Mcf	3,240,500	4,041,602	3,457,742	2,995,892	1,700,263	696,439	404,291	362,039	16,898,767
Demand - Natural Gas Supply - \$	2,226,977	2,467,799	2,474,336	2,487,941	2,466,156	2,461,131	2,461,131	2,461,131	19,506,601
Demand - Distribution Charge - \$	681,148	681,148	681,148	681,148	681,148	681,148	681,148	681,148	5,449,184
Total Demand - \$	2,908,125	3,148,947	3,155,484	3,169,089	3,147,304	3,142,279	3,142,279	3,142,279	24,955,785
Commodity - \$ - PA	5,499,224	6,504,285	6,012,484	5,723,461	5,035,455	4,641,423	4,128,744	3,815,824	41,360,901
Net Commodity - \$	5,499,224	6,504,285	6,012,484	5,723,461	5,035,455	4,641,423	4,128,744	3,815,824	41,360,901
Total Cost - \$	8,407,349	9,653,232	9,167,968	8,892,550	8,182,759	7,783,702	7,271,023	6,958,103	66,316,687

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	76,228	58,561	41,422	3,658	42,842	47,921	42,808	373,720
Transportation Cost									
Demand	194,244	194,244	194,244	194,244	202,395	202,395	202,395	202,395	1,586,556
Commodity	174	3,971	2,885	994	1,160	422	1,371	403	11,380
Gas Cost									
Demand	3,821,746	5,500,682	4,128,432	2,706,631	(428,270)	(2,768,634)	(3,116,751)	(2,765,429)	7,078,407
Commodity	3,836,363	5,521,719	4,144,222	2,716,984	(429,908)	(2,779,222)	(3,128,670)	(2,776,006)	7,105,482
TOTAL COSTS									
Demand	5,344,702	7,023,638	5,651,388	4,229,587	1,203,796	(1,136,568)	(1,484,685)	(1,133,363)	19,698,495
Commodity	3,896,817	5,601,918	4,205,668	2,759,400	(425,090)	(2,735,958)	(3,079,378)	(2,732,795)	7,490,582
TOTAL	9,241,519	12,625,556	9,857,056	6,988,987	778,706	(3,872,526)	(4,564,063)	(3,866,158)	27,189,077

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

	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>
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

NATIONAL FUEL GAS DISTRIBUTION CORPORATION
 Pennsylvania Division
 Detail of Capacity Release
 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>		
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 - \$	<u>363,878</u>	<u>356,901</u>	<u>348,875</u>	<u>348,165</u>	<u>254,816</u>	<u>262,473</u>	<u>262,436</u>	<u>253,290</u>	<u>2,450,835</u>

NATIONAL FUEL GAS DISTRIBUTION CORPORATION

Pennsylvania Division
Temperature Swing/ Peaking Capacity Costs
Eight Months Ended July 2025

	2024	2025							Total
	December	January	February	March	April	May	June	July	
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	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	66,960,075	27,767,800	9,739,044	104,466,919
Storage		1,136,444	20,791,901	0	21,928,345
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	68,516,984	39,227,514	9,739,044	117,483,541
Credit - Line Hits		<u>(6,930)</u>			<u>(6,930)</u>
Total		<u>68,510,054</u>			<u>117,476,612</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	4,236,878	2,340,763	811,587	7,389,228
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	4,447,107	2,325,666	811,587	7,584,360
December	3,219,013	8,736,854	2,320,621	811,587	11,869,062
January 2026	4,032,154	8,443,488	2,284,793	811,587	11,539,868
February	3,450,057	7,014,687	2,294,844	811,587	10,121,118
March	2,990,097	5,085,031	2,309,960	811,587	8,206,578
April	1,697,686	5,717,543	2,309,960	811,587	8,839,090
May	698,722	5,274,028	2,304,915	811,587	8,390,530
June	407,124	4,575,544	2,309,960	811,587	7,697,091
July	364,531	4,253,846	2,309,960	811,587	7,375,393
Total	20,757,348	66,960,075	27,767,800	9,739,044	104,466,919

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>	<u>Projected Quantity Purchased</u> (Mcf)	<u>Commodity Cost</u> (\$)	<u>Total Projected 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										Total	
	August	September	October	November	December	January	February	March	April	May	June		July
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	1,984,027	1,695,328	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	4,229,729	3,619,110	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	4,032,154	3,450,057	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	4,032,154	3,450,057	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	4,236,878	3,776,022	5,399,046	4,447,107	8,736,854	8,443,488	7,014,687	5,085,031	5,717,543	5,274,028	4,575,544	4,253,846	66,960,075
Net Commodity - \$	4,236,878	3,776,022	5,399,046	4,447,107	8,736,854	8,443,488	7,014,687	5,085,031	5,717,543	5,274,028	4,575,544	4,253,846	66,960,075
Total Cost - \$	7,389,228	6,918,301	8,536,299	7,584,360	11,869,062	11,539,868	10,121,118	8,206,578	8,839,090	8,390,530	7,697,091	7,375,393	104,466,919

¹ See Exhibit 23, Schedule 1

NATIONAL FUEL GAS DISTRIBUTION CORPORATION
Pennsylvania Division
Details of Storage
Twelve Months Ended July 2026

	2025 August	September	October	November	December	January	February	March	April	May	June	July	Total
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	19,616	8,204	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	(3,196,542)	(3,033,264)	(2,963,690)	2,035,187	2,371,912	5,249,401	4,482,961	4,244,470	(329,424)	(2,862,959)	(3,149,502)	(2,855,685)	(7,135)
Commodity	(3,208,767)	(3,044,865)	(3,483,528)	2,392,164	2,787,950	6,170,158	5,269,285	4,988,960	(387,206)	(3,365,129)	(3,701,931)	(3,356,579)	1,060,512
TOTAL COSTS													
Demand	(1,564,476)	(1,401,198)	(1,129,250)	3,869,627	4,206,352	7,083,841	6,317,401	6,078,910	1,302,642	(1,230,893)	(1,517,436)	(1,223,619)	20,791,901
Commodity	(3,201,865)	(3,037,042)	(3,479,539)	2,393,613	2,789,399	6,193,749	5,280,235	4,993,281	(384,669)	(3,361,236)	(3,696,656)	(3,352,826)	1,136,444
TOTAL	(4,766,341)	(4,438,240)	(4,608,789)	6,263,240	6,995,751	13,277,590	11,597,636	11,072,191	917,973	(4,592,129)	(5,214,092)	(4,576,445)	21,928,345

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										Total	
	<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>	
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	
	<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>
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	<u>309,829</u>	<u>309,829</u>	<u>309,829</u>	<u>309,829</u>	<u>309,829</u>	<u>309,829</u>	<u>309,829</u>	<u>309,829</u>	<u>309,829</u>	<u>309,829</u>	<u>309,829</u>	<u>309,829</u>	<u>3,717,957</u>
Capacity Release Credit - \$	<u>350,742</u>	<u>351,310</u>	<u>361,429</u>	<u>378,546</u>	<u>466,933</u>	<u>459,956</u>	<u>451,930</u>	<u>451,220</u>	<u>357,871</u>	<u>365,529</u>	<u>365,491</u>	<u>356,345</u>	<u>4,717,307</u>

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NATIONAL FUEL GAS DISTRIBUTION CORPORATION

Response of National Fuel Gas Distribution Corporation to the Commission's Filing Requirement Codified at 52 Pa. Code Section 53.64(c)(1) --

A complete list . . . of . . . the quantity and price of gas delivered, produced, transported or stored, maximum daily quantity levels, maximum annual quantity levels, a detailed description of warrantee or penalty provisions, including liquidated damages, take or pay provisions or minimum bill or take provisions of the purchases, balancing provisions and copies of Federal tariffs and contract provisions relating to the purchases-including demand and commodity components. With regard to each contemplated future source of supply, production, transportation or storage, during each of the next 20 months for each source, provide the name of the source, the maximum daily quantity, the maximum annual quantity, the minimum take levels, a detailed description of warrantee or penalty provisions, including liquidated damages, take or pay provisions or minimum bill or take provisions of the purchases, balancing provisions and contractual or tariffed terms of the purchases, copies of applicable Federal tariffs, the expiration date of each contract, the date when each contract was most recently negotiated and the details of the negotiation-such as meeting held, offers made, and changes in contractual obligation - and whether current proceedings, negotiations or renegotiations are pending before the Federal Energy Regulatory Commission, and the like, to modify the price, quantity or another condition of purchase, and if so, the details of the proceedings, negotiations or renegotiations. Gas supply sources which individually represent less than 3% of the total system supply may be shown collectively, such as other local gas purchases.

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CONTENTS

- I. RATE DESIGN**
 - A.** Pipeline Service Contracts in General
 - B.** Transportation, Storage and Winter Gas Calls Capacity Contracts
 - C.** No Cost Gas Exchange Agreements
 - D.** Small Aggregation Transportation Customer (“SATC”) Capacity
- II. GAS PURCHASE CONTRACTS/AGREEMENTS**
 - A.** Take or Pay or Minimum Bill Provisions
 - B.** Term Gas Purchases
 - C.** Spot Gas Purchases
 - D.** Market Area Purchases
 - E.** Non-Firm Local Production Gas Purchases
 - F.** Gas Purchases pursuant to Tariff

I. RATE DESIGN

A. Pipeline Service Contracts In General

During the historic period through November 30, 2024, the majority of gas supplies for sale to customers of Distribution were transported through National Fuel Gas Supply Corporation (“Supply” or “NFGSC”), Tennessee Gas Pipeline Company, L.L.C. (“Tennessee” or “TGP”), Texas Eastern Transmission, LP (“Texas Eastern” or “TETCO”) and Columbia Gas Transmission, LLC (“Columbia”). In most instances, gas supplies are transported to facilities of Supply by the other pipelines and redelivered by Supply to Distribution for its customers. Supply owns and operates extensive pipeline and storage facilities in Pennsylvania and New York and is subject to the jurisdiction of the Federal Energy Regulatory Commission (“FERC”).

1 Most interstate pipelines have primarily designed their rates on a straight-
2 fixed variable (“SFV”) basis, “... assigning all fixed costs related to transportation
3 to the reservation charge.” See Order No. 636, FERC Statutes and Regulations,
4 Regulations Preambles ¶¶30,939 at 30,434 (1992). Therefore, Distribution pays
5 nearly all the costs of its contracted pipeline transportation and storage through
6 demand charges. A very small portion of the costs of these services is paid on a
7 volumetric basis. An exception to this has been Tennessee. Pursuant to a
8 Settlement among the parties in its most recent rate case, Tennessee charges SFV
9 designed rates applicable for zones 0, 1, 2 and 3, and modified-fixed variable
10 (“MFV”) rates applicable for zones 4, 5 and 6. TGP’s MFV rates collect a
11 portion of fixed costs through the commodity charge.

12 **B. Transportation, Storage and Winter Gas Calls Capacity**
13 **Contracts**

14 Distribution continually evaluates its market needs and available
15 opportunities to adjust its capacity mix and gas source diversity, seeking to
16 achieve the least cost for customers while maintaining an acceptable level of
17 reliability. All of Distribution's pipeline and storage service contracts contain
18 right of first refusal contractual provisions that allows the Company to consider
19 various options to retain or replace its existing capacity prior its contact
20 termination. Distribution’s current upstream transportation, storage and winter
21 gas calls capacity including notice dates and contract extension dates is
22 summarized on PGC Exhibit No. 4-A. Adjustments to transportation or storage

1 capacities that are expected to occur during the next 20 months are explained in
 2 PGC Exhibit No. 8. Significant adjustments to existing capacity are as follows:

3 **TGP**

4 Distribution previously extended the term of its FT-A Service
 5 Contract No. 2752 through March 31, 2027, which included two options to
 6 continue shortening existing long-haul capacity paths from the Gulf production
 7 region to short-haul capacity paths from Appalachian production region. See the
 8 table below for the first path shortening option notification exercised during the
 9 previous historical period and made effective during the current historic period.

Long-haul Reduction Optionality				
Option	Option Exercise Date	Effective Date	Long-haul Capacity Quantity	Short-haul Capacity
Current			17,500	56,500
1	6/20/2023	4/1/2024	8,750	65,250

10

11 **C. No Cost Gas Exchange Agreements and Other Utility**
 12 **Purchases**

13 Distribution has two Exchange Agreements with other Pennsylvania local
 14 distribution companies. These companies are Columbia Gas of Pennsylvania, Inc.
 15 and UGI Central Penn Gas, Inc. These agreements have allowed Distribution and
 16 its counterparties to avoid replacing extensive, aging pipeline facilities to remote
 17 pockets of customers by instead constructing more limited, less costly, facilities to
 18 connect to the system of the nearby, counterparty utility.

1 Pursuant to the agreements, each day, each company takes the volume of
2 gas that it requires from the other company. The agreements do not contemplate a
3 sale, but an even exchange of gas between parties. As such, Distribution and its
4 counterparties do not charge each other for the gas they provide to each other, as
5 they receive approximately equal volumes of gas in return on a daily basis, or
6 over the course of time. There are no reservation-of-capacity fees, volumetric
7 commodity fees or any other fees. The on-going exchange balance with each
8 company is monitored on a monthly basis and, if necessary, trued-up via
9 additional deliveries at an exchange or a balancing point. These agreements have
10 no set termination dates.

11 Details regarding the volumes of gas exchanged are reported in PGC Exhibit
12 No. 1, Schedule 1, Sheet 6.

13 In addition to the no cost exchange agreements, Distribution also relies on
14 firm sales service from Peoples Natural Gas Company, LLC (“Peoples”) at two
15 interconnections where Distribution avoided extensive pipeline replacement of
16 existing aging system segments to serve its customers. A third interconnection has
17 been constructed and placed into service on October 23, 2024 that also provides firm
18 sales service from Peoples to Distribution for serving its customers and allow
19 Distribution to retire a segment of its existing aging system.

20 **D. Small Aggregation Transportation Customer (“SATC”) Capacity**

21 As of November 2024, eighteen SATC suppliers take release of
22 Distribution’s Supply EFT and ESS and TGP FT-A zone 4 capacities.

1 **II. GAS PURCHASE CONTRACTS/AGREEMENTS**

2 Distribution predominately negotiates with suppliers for firm gas supplies
3 and rarely agrees to interruptible gas supply terms. Distribution purchases gas on
4 a Term (delivery period greater than one month) delivery basis and a Spot
5 (delivery period equal to, or less than, one month) delivery basis. This section
6 separately describes the contract type, negotiation and purchase activities of Term
7 and Spot purchases.

8 **A. Take or Pay or Minimum Bill Provisions**

9 As Distribution contracts for gas supplies, it has and will continue to avoid
10 take-or-pay provisions and minimum commodity bill provisions. Distribution
11 does have Term gas supply contracts under which it exercises its rights to fix or
12 cap prices in the forward market and, as a result, these actions trigger must take,
13 fixed volume requirements. Failure to accept delivery of these fixed volumes
14 from a supplier would possibly result in Distribution paying the Supplier for
15 supplies not received. Accordingly, the Company limits such must take, fixed
16 volumes and has not been subjected to such payments. The Company's Gas Cost
17 Management Plan ("Plan") mitigate this risk by limiting the quantity of fixed or
18 cap priced supplies in its gas supply portfolio. These contracts are discussed here
19 and in PGC Exhibit No. 8. Distribution also has other Term gas supply contracts
20 that contain demand charges. The demand charge paid reflects a payment for the
21 firm commitment by those suppliers. A "keep-whole" charge provision
22 negotiated with some Term suppliers is specified in their contracts. The keep-

1 whole charges provide Distribution the right to use flexibility in the contract and
2 to pay the Supplier the cost of doing so at the time and for the amount of
3 flexibility used. Distribution can generally avoid exercising this contract right by
4 incorporating adequate daily flexibility in the planned purchases. Such charges
5 allow the Company to avoid significant demand charges, which would otherwise
6 be necessary to reserve such flexibility.

7 **B. Term Gas Purchases**

8 In general, under its standard long-term firm contracts (“Master Gas
9 Purchase Contract” or “Master Contract” and North American Energy Standards
10 Board (“NAESB”) Contract) Distribution pays a commodity price that is
11 generally based upon published Spot price indices, NYMEX Settlement or a
12 negotiated cash price (“Cash”). Under most such contracts, Distribution pays a
13 demand charge for the firm dedication and/or flexible supply of the gas.
14 Distribution strives to negotiate strong liquidated damages language in its
15 contracts in order to encourage suppliers to deliver the contracted-for volumes.
16 Term supply arrangements are typically negotiated with take or release flexibility,
17 providing Distribution with the ability either to take the gas monthly or daily or to
18 release the gas to the supplier.

19 **1. Negotiation Process**

20 During the summer prior to winter delivery, Distribution begins securing
21 gas supplies on a Term basis, utilizing a competitive bidding process, when and
22 where it concludes that Term contracts are necessary to ensure reliable deliveries.

1 Gas supply availability is evaluated in order; first to assure adequate delivery
2 quantities; second to determine whether premiums for Term supplies are
3 necessary; third to determine the current market price for the premiums; and
4 finally to determine whether Spot supplies are available, and, if so, whether they
5 are sufficiently abundant to assure the same level of reliability without such
6 premiums (or demand charges). This evaluation order may vary by season.

7 Distribution develops and forwards a Request for Proposal (“RFP”)
8 specifying the commercial terms of the proposed purchase transactions to the
9 appropriate suppliers. Suppliers submit their bids to Distribution for review.
10 Distribution then narrows the search to a short list of producers and marketers
11 based upon the criteria set forth in the RFPs. Distribution’s primary goal is to
12 ensure reliability of supply and availability of competitive pricing. Any past
13 working relationship between the supplier and Distribution is also a consideration.
14 Following discussions with these potential suppliers, Distribution selects specific
15 suppliers, and final contract terms are negotiated and agreed to between the
16 parties.

17 **2. Contract Details**

18 Distribution currently has thirty-three (33) Term supply contracts. Current
19 Term supply arrangements made pursuant to these contracts are noted in PGC
20 Exhibit No. 4-B.

21 Distribution has been able to contract for winter supplies at desirable
22 points generally with very small premiums. At times Distribution may elect to

1 replace some Term supplies with lower cost monthly Spot purchases. In these
2 instances, Distribution utilized its take-or-release option prior to the beginning of
3 each winter month to convert certain monthly Term deliveries to a Term daily call
4 option and replace those deliveries with lower cost market area monthly Spot
5 purchases. Distribution's ratepayers realize the market area savings without
6 jeopardizing winter supply reliability. A description of the purchases made under
7 the Term and Spot supply contracts for this past winter is provided below.

8 **3. Recent Purchases**

9 **For the winter of 2023 – 2024 (November 2023 through March 2024),**

10 Distribution's Northeast Shale purchases accounted for 100% of the total
11 supplies. Distribution purchased an average total of approximately 51,900
12 Dth/day from the following categories of gas supplies:

13 Forward fixed price gas –

14 Approximately 14,000 Dth/day purchased from four suppliers.

15 Monthly priced gas (Cash, NYMEX or Index) –

16 Approximately 17,500 Dth/day purchased from five Term
17 suppliers and approximately 3,400 Dth/day purchased in the
18 monthly Spot market from two Spot suppliers.

19 Daily priced gas (Cash and Index) –

20 Approximately 6,000 Dth/day of daily priced gas was elected from
21 seven Term suppliers and 11,000 Dth/day was purchased in the
22 daily Spot market from nine Spot suppliers.

1 **For the summer of 2024 (April 2024 through October 2024),**
2 Distribution purchased 100% of the approximately 49,100 Dth/day of Northeast
3 Shale produced supplies from a variety of suppliers at market area receipt points
4 priced in the following categories:

5 Forward fixed price gas – 0 Dth/day

6 Monthly priced Term gas (Index) – 2,500 Dth/day

7 Monthly priced Spot gas (Cash, NYMEX or Index) –26,500 Dth/day

8 Daily priced gas (Cash and Index) –20,100 Dth/day

9 **4. Recent Negotiations or Renegotiations**

10 **For the winter of 2024 – 2025 (November 2024 through March 2025),**
11 in response to Distribution’s requests for winter supplies, eleven (11) bidders
12 submitted offers. The best offers selected, combined with previously contracted
13 supplies, resulted in Distribution entering into agreements with suppliers to
14 purchase up to approximately 113,000 Dth/day of firm gas supplies. Three
15 suppliers are providing approximately 14,000 Dth/day of firm fixed price base
16 load gas supplies, two suppliers are providing 7,500 Dth/day of firm index price
17 base load gas supplies, and six suppliers are providing approximately 55,500
18 Dth/day of firm gas supplies with take-or-release flexibility. Distribution can elect
19 to price these supplies on either first of the month pricing (Index, Cash or
20 NYMEX) or daily pricing (Index or Cash) depending on the desired flexibility
21 during the delivery month.

22 Distribution anticipates opportunities to replace some monthly and daily

1 Term supplies with lower cost monthly and daily Spot supplies during this winter
2 period. Take-or-release upstream firm supply contracts with low demand charges
3 provide backup supplies should these Spot producers fail to deliver.

4 Lastly, Distribution entered into three winter gas call agreements for up to
5 36,000 Dth/day.

6 **C. Spot Gas Purchases**

7 Distribution purchases Spot gas from time to time on a daily or month-to-
8 month basis at negotiated market prices such as NYMEX Settlement adjusted by
9 an agreed upon “basis”, Cash or published Spot indices. Spot purchases are
10 generally entered into under the standardized contracts developed by the Gas
11 Industry Standards Board (“GISB”) and the NAESB for use in the natural gas
12 industry. The commercial terms of each purchase are specified and confirmed by
13 both parties using a standardized transaction confirmation.

14 Spot contracts are used primarily during non-winter months for daily or
15 monthly Spot purchases when flexibility is required, and the added reliability
16 obtained with a long-term firm contract is less of an issue. To achieve market
17 area savings without jeopardizing winter supply reliability, Distribution may
18 suspend winter Term purchases by electing the daily take-or-release option rather
19 than base loading a Term supply contract for a given delivery month and
20 replacing that gas delivery with an alternate lower-cost monthly Spot purchase,
21 adhering to the purchase diversification guidelines prescribed in the Plan. To
22 ensure reliable delivery to the ratepayer, Distribution may revert to daily

1 nomination of the Term contract for the duration of an unlikely interruption of
2 these Spot purchases.

3 Spot contracts were used to purchase approximately 64% of system gas
4 purchased during the period beginning December 1, 2023, and ending November
5 30, 2024.

6 **D. Market Area Purchases**

7 Located in the market area, the Marcellus and Utica producing formations
8 underlie a large geographic area containing numerous pipeline interconnects and
9 their associated market area trading hubs. Northeast production has exceeded 36
10 Bcf/day resulting in many pipelines reversing flow directions to transport
11 abundant, low cost Northeast Shale gas from the Northeast to other regions of
12 North America. Distribution continues to categorize all gas purchased in the
13 northeast as being either Marcellus or Utica Shale produced gas. Since May
14 2015, 100% of Distribution's supply has been purchased in the northeast market
15 area. Distribution purchases significant quantities of gas at citygate receipt points
16 into its Supply EFT capacity and at pooling receipt points within TGP's zone 4
17 region, TETCO's M2 region, and Columbia's reticulated system. TGP's pooling
18 point at station 219, situated where the 300 line splits from the 200 line in
19 Western Pennsylvania, is an effective market area pooling point for Distribution
20 to purchase supplies sourced from multiple production basins including the
21 Marcellus and Utica shale basins. Distribution's purchases from these market
22 area receipt points and pools accounted for 100% of its purchases during the

1 historic period.

2 **E. Non-Firm Local Production Gas Purchases**

3 Distribution purchased during the historic period (November estimated),
4 non-firm local production and Appalachian gas delivered into its system and
5 Supply's system as follows:

- 6 1. 58,123 Dth pursuant to "life-of-reserves" or "dedicated" contracts
7 priced at an Appalachian index ("AI"),
- 8 2. 178,847 Dth pursuant to excess gas purchase and/or NAESB gas
9 purchase contracts priced at 80% of the AI.

10 The AI is the simple average of the first of the month index prices for gas
11 delivered to Eastern Gas Transmission and Storage, Inc. and to Columbia.

12 **F. Gas Purchases pursuant to Tariff**

13 Distribution purchased, pursuant to its tariff during the historic period
14 (excluding the month of November for which data is not yet available), 396,586
15 Mcf of PA Suppliers' Surplus Imbalances and 3,039 Mcf of SATC supplier
16 storage gas.

Transportation Capacity						
Pipeline & Rate Schedule	Contract	Dth/day	Contract Term	Contract Term Notice Period	Notice Date ⁽¹⁾	Contract End Date With Extension
Columbia Gas Transmission, Inc.						
FTS	80562	1,748	11/01/2004-3/31/2026	6 months	10/31/2025	
SST	80564	18,417	11/01/2004-3/31/2026	6 months	10/31/2025	
National Fuel Gas Supply Corp.						
EFT	E00528	291,130	8/1/1993 - 11/9/2026	12 months	11/9/2025	
EFT	E11178	9,000	4/1/2008 - 3/31/2025	6 months	10/31/2024	3/31/2026
EFT	E11969	10,000	11/1/2014 - 3/31/2025	6 months	10/31/2024	3/31/2026
EFT	E12642	10,000	11/1/2021 - 3/31/2025	12 months	3/31/2024	3/31/2026
FT	F12198	31,000	11/1/2017 - 3/31/2028	12 months	3/31/2027	
FST	N12464	14,000	4/1/2020 - 3/31/2026	12 months	3/31/2025	
Tennessee Gas Pipeline Company						
FT-A	2752	74,000	9/1/1993 - 3/31/2027	12 months	3/31/2026	
Texas Eastern Transmission LP						
FT-1	911316	10,000	11/1/2016 - 10/31/2025	12 months	10/31/2024	10/31/2026

Storage Capacity							
Pipeline & Rate Schedule	Contract	Capacity	Dth/day	Contract Term	Contract Term Notice Period	Notice Date ⁽¹⁾	Contract Term With Extension
Columbia Gas Transmission, Inc.							
FSS	80566	564,031	18,417	11/1/1993-3/31/2026	6 months	10/31/2025	
National Fuel Gas Supply Corp.							
ESS**	G00539	8,755,100	187,563	8/1/1993 - 11/9/2026	12 months	11/9/2025	
FSS	O02432	200,000	10,666	4/1/2010 - 3/31/2025	6 months	10/31/2024	3/31/2026
FSS	O12463	651,274	14,000	4/1/2020 - 3/31/2026	12 months	3/31/2025	

Winter Gas Calls			
Purchase Point	Dth/day	Contract Term	
NFGSC city gate receipt points	36,000	11/1/2024 - 3/31/2025	

⁽¹⁾ Notice date to extend contract exercised during historical period

**National Fuel Gas Distribution Corporation-Contract Terms
Firm Gas Purchase Contracts
Master & NAESB Gas Purchase Contract(s)**

Supplier	Contract Beginning Date	Current Purchase Term(s)
A	10/1/2003	11/1/2024 - 3/31/2025
B	7/1/1998	11/1/2024 - 3/31/2025
C	5/1/2013	11/1/2024 - 3/31/2025
D	3/28/2009	11/1/2024 - 3/31/2025
E	5/1/2009	11/1/2024 - 3/31/2025
F	11/28/2014	11/1/2024 - 3/31/2025
G	7/1/1997	11/1/2024 - 3/31/2025
H	9/4/2019	11/1/2024 - 3/31/2025
I	9/15/2011	11/1/2024 - 3/31/2025
J	10/1/2010	No Purchases Currently
K	2/1/2022	No Purchases Currently
L	6/24/2020	No Purchases Currently
M	7/13/2016	No Purchases Currently
N	4/30/2011	No Purchases Currently
O	10/28/2005	No Purchases Currently
P	9/20/2013	No Purchases Currently
Q	10/29/2004	No Purchases Currently
R	9/1/2013	No Purchases Currently
S	1/1/2018	No Purchases Currently
T	9/1/2015	No Purchases Currently
U	8/1/2010	No Purchases Currently
V	1/9/2017	No Purchases Currently
W	7/29/2013	No Purchases Currently
X	1/1/2001	No Purchases Currently
Y	8/20/2009	No Purchases Currently
Z	7/1/1998	No Purchases Currently
AA	8/15/2009	No Purchases Currently
AB	7/6/2006	No Purchases Currently
AC	6/6/2003	No Purchases Currently
AD	5/1/2009	No Purchases Currently
AE	6/15/1998	No Purchases Currently
AF	3/15/2023	No Purchases Currently
AG	5/15/2023	No Purchases Currently

NATIONAL FUEL GAS DISTRIBUTION CORPORATION

53.64 (c) (3) A complete listing of sources of gas supply, transportation or storage and their costs, including shut-in and curtailed sources of supply, both inside and outside this Commonwealth considered by or offered to the utility but not chosen for use during the past 12 months, which 12-month period shall end 2 months prior to the date of the tariff filing, and reasons why the gas supply, transportation or storage was not selected for use as part of the utility's supply mix. A similar listing of gas sources, transportation or storage and associated projected costs offered or considered but not chosen to meet supply for the next 20 months, along with reasons for nonselection.

Details of the gas supply, transportation and storage that Distribution acquired during the historic period and for the next 20 months are provided in PGC Exhibit Nos. 4 and 8. Distribution chooses gas supplies, transportation and storage based upon their level of reliability, operational effectiveness and cost.

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NATIONAL FUEL GAS DISTRIBUTION CORPORATION

3 53.64(c)(4) An annotated listing of Federal Energy Regulatory Commission or other
4 relevant non-Commission proceedings, including legal action necessary to relieve the
5 utility from existing contract terms which are or may be adverse to the interests of its
6 ratepayers, which affect the cost of the utility's gas supply, transportation or storage or
7 which might have an impact on the utility's efforts to provide its customers with reasonable
8 gas service at the lowest price possible. This list shall include docket numbers and shall
9 summarize what has transpired in the cases, and the degree of participation, if any, which
10 the utility has had in the cases. The initial list filed under this paragraph shall include all
11 cases for the past 3 years. Subsequent lists need only update prior lists and add new
12 cases.

13 **A. Distribution's Participation in Federal Energy Regulatory Commission**
14 **("FERC") Proceedings**

15 Distribution has specific capacity on the following interstate pipelines to serve its
16 Pennsylvania end-users: Columbia Gas Transmission, LLC ("Columbia"), National Fuel Gas
17 Supply Corporation ("Supply"), Tennessee Gas Pipeline Company, L.L.C. ("Tennessee"), and
18 Texas Eastern Transmission, LP ("Texas Eastern").

19 Distribution actively participates at the FERC in proceedings involving the individual
20 pipelines on which Distribution transports and/or stores gas, as well as generic industry-wide
21 proceedings that may have an impact on Distribution and its customers.

22 Distribution actively represents its positions at the FERC, asserting its interests as a local
23 distribution company in all cases where such action is appropriate, including FERC
24 rulemakings, generic proceedings, and the rate and certificate proceedings of Distribution's
25 upstream pipelines, including Supply. In this regard, Distribution's Deputy General Counsel
26 and Chief Regulatory Counsel, Regulatory Analyst II, and Assistant General Counsel, as well as
27 other regulatory and gas supply personnel in the Gas Supply Administration, Rates and
28 Regulatory Affairs, and Legal Departments, are responsible for identifying and/or reviewing

1 proceedings at FERC that affect or potentially affect Distribution and its customers. When such
2 a proceeding is identified, Distribution intervenes and participates to ensure appropriate
3 representation of Distribution and its customers. Such participation may include attending and
4 participating in customer meetings and public conferences, presenting comments, and/or filing
5 formal pleadings. Set forth at PGC Exhibit No. 6-A is a list of FERC proceedings in which
6 Distribution participated during the historic period of December 1, 2023 to November 30, 2024
7 (“Historic Period”).

8 **1. Individual Pipeline Proceedings at the FERC**

9 Distribution participated in several individual pipeline proceedings at the FERC during
10 the Historic Period. Distribution’s participation in these proceedings focuses upon major rate
11 filings, periodic adjustments to trackers/surcharge mechanisms that impact rates paid by
12 Distribution, various refunds/credits, modifications to pipeline tariff provisions impacting
13 service to Distribution, construction project/abandonment filings for facilities that potentially
14 impact service to Distribution, and other matters that may have a generic policy impact beyond
15 the scope of the pipeline’s filing. In addition, Distribution filed its FERC Form No. 552:
16 Annual Report of Natural Gas Transactions on April 17, 2024. Significant filings during the
17 Historic Period are detailed below.

18 **a. Columbia**

19 **i. Capital Cost Recovery Mechanism Rate Filings**

20 In January 2013, the FERC approved a settlement between Columbia and its customers
21 (“Modernization I Settlement”) in Docket No. RP12-1021 that established a Capital Cost-
22 Recovery Mechanism (“CCRM”) that allows Columbia to make annual limited filings under

1 Section 4 of the Natural Gas Act (“NGA”) to charge an additive capital demand rate (“CCRM
2 Rate”) to recover Columbia’s revenue requirement related to certain eligible projects
3 constructed as part of the modernization efforts between January 1, 2013 and December 31,
4 2017. In February 2016, Columbia filed a related settlement between Columbia and its
5 customers in Docket No. RP16-314 (“Modernization II Settlement”) that expanded the scope of
6 the CCRM to include storage facilities and additional transmission facilities and extended the
7 modernization period through December 31, 2021. The Modernization II Settlement was
8 discussed in detail in the 2016 PGC Exhibit No. 6 (incorporated herein by reference) and was
9 approved by FERC on March 17, 2016. In February 2022, the FERC approved a settlement
10 between Columbia and its customers in Docket No. RP20-1060, et al., which established that
11 Columbia’s CCRM shall remain in place for a third term commencing as of February 1, 2021.
12 On March 1, 2024, Columbia submitted its annual CCRM filing in Docket No. RP24-446
13 containing revised rates to become effective on April 1, 2024.

14 **ii. Operational Transaction Rate Adjustment Filings**

15 The Operational Transaction Rate Adjustment (“OTRA”) mechanism was initially
16 proposed by Columbia in April 2012 in Docket No. RP12-605 to recover the costs of certain
17 operational purchases and sales required to ensure a sufficient amount of gas flowing into its
18 system in northern Ohio. The OTRA mechanism is set forth in Section 49.4 of Columbia’s
19 Tariff and provides for Columbia to make filings to adjust its OTRA rates twice annually for a
20 summer season (April 1 to October 31) and a winter season (November 1 to March 31). These
21 semiannual filings address both prospective changes in the OTRA rate and prior over or under
22 recoveries. The Modernization II Settlement extended the OTRA mechanism through March

1 31, 2022. Thereafter, on February 25, 2022, in Docket Nos. RP20-1060 et al., the
2 Commission issued an order approving a Stipulation and Agreement of Settlement that
3 extended the OTRA mechanism through the term of the settlement, which continued through
4 the Historic Period.

5 Columbia submitted a filing at the FERC under Docket No. RP24-595 on March 28,
6 2024 to update the OTRA rate. The resulting OTRA demand surcharge of \$0.053/Dth,
7 effective May 1, 2024, was a decrease from the previous rate of \$0.091/Dth. The prior
8 OTRA rate was set in Docket No. RP24-121, which became effective on December 1, 2023.
9 Both aforementioned filings were approved by the FERC. On November 1, 2024, Columbia
10 filed under Docket No. RP25-160 to adjust the OTRA demand surcharge to \$0.084/Dth,
11 effective December 1, 2024.

12 **iii. Retainage Adjustment Mechanism Filing**

13 On February 29, 2024, Columbia submitted its annual Retainage Adjustment
14 Mechanism (“RAM”) filing under Docket No. RP24-464 to adjust its retainage percentages
15 taking into account both prospective changes in retainage requirements and unrecovered
16 retainage quantities from the period January 1, 2023 through December 31, 2023. The RAM
17 calculation reflects the retainage percentages required to compensate Columbia for company
18 use gas and lost and unaccounted for volumes. Effective April 1, 2024, transportation
19 retainage decreased from 2.132% to 2.128% and Storage Gas Loss Retainage increased from
20 0.405% to 0.550%.

1 **iv. Other Columbia Tracker Filings**

2 On February 29, 2024, Columbia filed its annual Electric Power Cost
3 Adjustment(“EPCA”) tracker filing under Docket No. RP24-462, increasing the EPCA rate
4 effective April 1, 2024 from \$0.066/Dth to \$0.086/Dth. The EPCA rate permits Columbia to
5 recover electric power costs that are incurred for the compression or processing of natural gas
6 and for company use and operations from its customers. On the same date, Columbia filed its
7 annual Transportation Cost Rate Adjustment (“TCRA”) tracker filing under Docket No.
8 RP24-463 increasing the TCRA rate from \$0.386/Dth to \$0.561/Dth, also to be effective April
9 1, 2024. The TCRA rate permits Columbia to recover transportation costs it incurs on other
10 interstate pipelines not otherwise recovered under the OTRA rates discussed above.

11 **v. General NGA Section 4 Rate Case**

12 On September 30, 2024, Columbia filed a general NGA Section 4 rate case in Docket No.
13 RP24-1103, which included a proposed rate increase of over 100% for both transportation and
14 storage services. The proposed as-filed rates are to become effective subject to refund on April
15 1, 2025. Distribution filed an individual Motion to Intervene and Protest on October 15, 2024,
16 and Distribution is participating in the proceeding as part of a customer group made up of
17 similarly situated local distribution companies. The first settlement conference was held on
18 December 12, 2024, and additional settlement conferences will be held in early 2025.

1 **b. Supply**

2 **i. Fuel Tracker Filing**

3 On February 16, 2024, Supply submitted its fuel tracker filing, to be effective April 1,
4 2024, to adjust Supply's Transportation Fuel and Company Use Retention ("TFUR"),
5 Transportation LAUF Retention ("TLAUF") and Storage Operating and LAUF Retention
6 ("SOLR"). The proposed retainage adjustments in the filing, which were derived from activity
7 during the annual base period commencing January 1, 2023, included an increase in the
8 TFUR from 0.72% to 0.78%, an increase in the TLAUF from 0.10% to 0.31%, and an
9 increase in SOLR from .45% to .84%.

10 **ii. Pipeline Safety & Greenhouse Gas Cost Adjustment Tracker**

11 On September 29, 2015, Supply filed an uncontested settlement of a rate case extension
12 under Docket No. RP15-1310 ("2015 Rate Settlement") which was addressed in detail in
13 Distribution's PGC Exhibit No. 6 in 2016. The 2015 Rate Settlement allowed Supply to
14 include in its tariff a cost recovery mechanism to recover the cost of service impact
15 associated with pipeline safety and greenhouse gas ("PS/GHG") costs. The provisions of the
16 cost recovery mechanism permit Supply to recover via reservation surcharges the cost-of-
17 service effect of two types of costs: i) pipeline safety costs incurred or projected to be
18 incurred by Supply to comply with new legislation and regulatory requirements for pipeline
19 safety and ii) greenhouse gas costs incurred or projected to be incurred by Supply to
20 comply with new legislation and new regulatory requirements.

1 On September 29, 2023, Supply submitted a PS/GHG tracker filing in Docket No.
2 RP23-1097 to update the PS/GHG surcharge rates. The new PS/GHG surcharge rates were
3 effective November 1, 2023 through January 31, 2024, at which time the surcharge
4 mechanism expired due to Supply's general NGA Section 4 rate case filing in Docket No.
5 RP23-929. The adjustments, which are in addition to the specified rates then in effect, were as
6 follows:

- 7 1) \$0.1210/Dth Storage PS/GHG Demand/Deliverability Surcharge;
- 8 2) \$0.0017/Dth Storage PS/GHG Capacity Surcharge;
- 9 3) \$0.0701/Dth Transmission PS/GHG Surcharge.

10 **iii. General NGA Section 4 Rate Case**

11 On July 31, 2023, Supply filed a general NGA Section 4 rate case in Docket No. RP23-
12 929 proposing an approximate 68% rate increase. Distribution participated in the proceeding
13 as part of a customer group made up of similarly situated local distribution companies. A
14 series of settlement negotiations resulted in a Stipulation & Agreement, which Supply filed on
15 March 27, 2024. The uncontested settlement was approved by FERC on June 11, 2024. The
16 settled rates went into effect as of February 1, 2024, reflecting an approximate increase of
17 31.9% from the rates that were in effect prior to the rate case.

18 **c. Tennessee**

19 **i. Fuel Tracker Filing**

20 On February 29, 2024, Tennessee filed its 2024 Fuel Tracker in Docket No. RP24-453
21 which became effective April 1, 2024. The purpose of this tracker was the recovery of (i) Fuel

1 and Losses for the prospective year based on quantities incurred by Tennessee during the
2 twelve-month period ending December 31, 2023 (“2023 Base Period”) and (ii) the balances as
3 of the end of the 2023 Base Period in the applicable Deferred F&LR subaccounts. Similarly,
4 the revised EPCR reflects Tennessee’s proposed recovery of (i) Electric Power Costs for the
5 prospective year based on costs incurred by Tennessee during the 2023 Base Period and (ii) the
6 balances as of the end of the 2023 Base Period in the applicable Deferred EPCR subaccounts.
7 In addition, the estimated volumes used to derive the revised F&LR and EPCR reflect actual
8 billable volumes realized by Tennessee during the 2023 Base Period. The fuel retention rate
9 between Zone 4 and Zone 4 decreased from 0.40% to 0.34%.

10 On March 1, 2021, Tennessee submitted a tariff filing in Docket RP21-552 proposing
11 to modify the methodology used for a fuel and electric power cost recovery mechanism
12 related to a particular expansion project. The project shipper protested the filing, claiming that
13 the methodology proposed by Tennessee was unduly discriminatory, and proposed a revised
14 methodology. Distribution intervened in the matter and joined a customer group of similarly
15 situated local distribution companies. A hearing was held, and the presiding Administrative
16 Law Judge issued an Initial Decision finding Tennessee’s proposed tariff records to be just
17 and reasonable. Thereafter, the project shipper filed exceptions to the Initial Decision, and
18 FERC Trial Staff filed a Brief Opposing Exceptions to the Initial Decision. The decision was
19 upheld, and thereafter the project shipper appealed to the D.C. Circuit. Distribution
20 intervened in the matter, which is currently still pending with the D C. Circuit.

1 **ii. PS/GHG Adjustment Tracker**

2 On September 30, 2024 Tennessee submitted a filing in Docket No. RP24-1115 to increase its
3 PS/GHG Reservation Surcharges from \$0.0462/Dth to \$0.0406/Dth and PS/GHG Commodity
4 Surcharges from \$0.0019/Dth to \$0.0017/Dth effective November 1, 2024. The filing
5 reflected Tennessee’s proposed recovery of (i) costs projected to be incurred by Tennessee
6 during an Annual Period from November 1, 2024 through October 31, 2025 and (ii) costs
7 incurred or projected to be incurred by Tennessee through October 31, 2024; the end of the
8 immediately preceding Annual Period.

9 **iii. FERC-Approved Stipulation and Agreement**

10 Following a series of negotiations between Tennessee and its customers, Tennessee
11 filed a Stipulation and Agreement on March 20, 2024 in Docket No. RP24-333 establishing a
12 phased-in 8% cumulative reduction in rates that were effective on December 31, 2023. The
13 phased-in reduction included a 2% rate reduction effective on January 1, 2024,¹ an additional
14 2% rate reduction effective on January 1, 2025, and an additional 4% rate reduction effective
15 on January 1, 2026. The FERC approved the Stipulation and Agreement on May 30, 2024.

16 **d. Texas Eastern**

17 **i. PCB Tracker Mechanism**

18 On March 18, 1992, FERC approved a settlement creating a PCB Cleanup surcharge
19 mechanism (“PCB Tracker”) under Docket No. RP88-27 (“1992 PCB Settlement”). The

¹ On January 23, 2024, Tennessee requested approval to implement the initial rate reduction on an interim basis, effective January 1, 2024. The FERC approved Tennessee’s request on February 21, 2024.

1 PCB Tracker had a 25-year lifetime which expired on March 31, 2017. In early August
2 2017, Texas Eastern filed a Joint Settlement Extension Agreement in Docket Nos. RP17-964
3 and RP17-967 (“2017 Settlement Extension”). On October 10, 2017, FERC issued a Letter
4 Order approving Texas Eastern’s filing of the Joint Settlement Extension Agreement. The 2017
5 Settlement Extension addressed the extension of, and certain modifications to, the 1992 PCB
6 Settlement. Significantly, the term of the 1992 PCB Settlement was extended from March 18,
7 2017 through November 30, 2027.

8 On October 30, 2024, Texas Eastern filed to adjust its PCB Tracker Mechanism rates
9 under Docket No. RP225-105, with an effective date of December 1, 2024. The filing was
10 accepted by FERC on November 15, 2024

11 **ii. Other Tracker Filings**

12 On December 28, 2023 and on June 27, 2024, Texas Eastern filed its semi-annual
13 Electric Power Cost Adjustment (“EPCA”) tracker filings under Docket Nos. RP24-
14 271(accepted by FERC January 23, 2024) and RP24-849 (accepted by FERC July 24, 2024),
15 respectively. These filings adjusted the EPCA rate effective February 1, 2024 and August 1,
16 2024, respectively. The EPCA rate permits Texas Eastern to recover electric compression
17 costs from its customers.

18 On October 31, 2024, Texas Eastern filed its annual Applicable Shrinkage Adjustment
19 (“ASA”) filing to be effective December 1, 2024 in Docket No. RP25-134. The ASA
20 calculation reflects the retainage percentages required to compensate Texas Eastern for

1 company use gas, including compression, and lost and unaccounted for volumes. The
2 filing was approved on November 20, 2024.

3 **iii. FERC-Approved Stipulation and Agreement**

4 Following a series of extensive negotiations, Texas Eastern filed a Stipulation and
5 Agreement on May 31, 2024 in Docket No. RP24-815 proposing an overall 8.75% rate
6 increase with the following two-step phase-in: 6% increase effective October 1, 2024, and
7 2.75% increase effective January 1, 2026. The FERC approved the Stipulation and
8 Agreement on July 31, 2024, and the first rate increase went into effect on October 1,
9 2024.

10 **e. Gas-Electric Communications of Operational Information with PJM**
11 **Interconnection, L.L.C. (“PJM”)**

12 There were no PJM filings during the Historic Period that warranted Distribution’s
13 regulatory involvement, however, Distribution and PJM share non-public, operational
14 information for the purpose of promoting reliable service or operational planning pursuant to
15 FERC Orders 787 and 787-A. FERC allows for electric transmission operators to share non-
16 public, operational information with LDCs, subject to various conditions, which are
17 reflected in PJM’s tariff.

18 **f. Distribution**

19 On August 20, 1981, FERC granted Distribution an Order No. 63 Certificate,
20 authorizing Distribution to sell, transport or assign gas to the same extent and in the same
21 manner that intrastate pipelines are authorized to engage in such activities by Subparts (C),

1 (D), and (E) of Part 284 and Section 284.203 of the Commission’s regulations. FERC’s
2 order granting Distribution’s Order No. 63 Certificate expressly provided that, prior to
3 charging a transportation rate for such service, Distribution was required to file for approval of
4 a rate methodology pursuant to 18 C.F.R. § 284.224(e)(2). Under current regulations,
5 intrastate pipelines operating under 18 C.F.R. § 284.224(e)(2) are required to amend their
6 transportation rate every five years; Distribution’s last such filing occurred on August 31,
7 2023. FERC accepted Distribution’s revised rates, as filed, on October 6, 2023. Finally,
8 Distribution submitted four FERC Form 549D – Quarterly Transportation and Storage
9 Report of Intrastate Natural Gas and Hinshaw Pipelines filings during the Historic Period.²

10 **2. FERC Rulemakings and General Federal Proceedings**

11 **a. American Gas Association**

12 Distribution is an active member of the American Gas Association (“AGA”). AGA is the
13 national trade association of local gas distribution companies (“LDCs”). AGA acts as an
14 advocate for LDCs and their customers before Congress, the Federal Energy Regulatory
15 Commission (“FERC”), the Commodity Futures Trading Commission (“CFTC”) (which
16 regulates certain aspects of energy trading), other federal agencies, and the courts. Regarding
17 FERC, AGA among other things, participates in FERC rulemakings and other proceedings to
18 ensure that LDCs and their customers can obtain necessary services from interstate pipelines
19 at rates, terms, and conditions that are just and reasonable. AGA also participates in FERC
20 proceedings to support the development of reasonable policies involving gas-electric

² FERC Form No. 549D were filed on February 1, 2024, April 30, 2024, August 1, 2024, and November 27, 2024.

1 coordination, in order to ensure that the growing use of natural gas for electric power
2 generation does not adversely affect service to residential and business/industrial natural gas
3 customers.

4 Through AGA, Distribution has participated in recommending positions to FERC, other
5 federal agencies, appellate courts and Congress on issues of importance to Distribution and
6 LDCs as a group. Distribution has found that active participation in AGA is an effective and
7 efficient way to ensure that its position is heard on large generic issues facing LDCs. As a
8 member of AGA, Distribution advocates the development of LDC positions consistent with
9 its own stance on such issues.

10 AGA filed several filings at FERC during the Historic Period. On June 4, 2024, AGA
11 submitted comments to express disappointment that the formal NAESB process to review the
12 force majeure provisions in the NAESB Base Contract for Sale and Purchase of Natural Gas
13 was prematurely ended before the matter could be fully discussed, Version 4.0 of the
14 Wholesale Electric Quadrant Business Practice Standards, Docket No. RM96-1-043. On
15 June 27, 2024 and July 29, 2024, AGA joined others and filed comments and reply
16 comments, respectively, in Petition for Rulemaking to Update Commission Regulations
17 Regarding Allocation of Interstate Pipeline Capacity, Docket No. RM22-17-000, which
18 concerns a petition for rulemaking requesting that the Commission conduct a rulemaking to
19 adopt a rule to preclude natural gas pipelines from the practice of aggregating bids on non-
20 contiguous segments of capacity in determining the highest-value bid for the purpose of
21 allocating capacity. On August 9, 2024, AGA filed reply comments in Florida Gas
22 Transmission Company, Docket No. RP23-466-002, concerning renewable natural gas tariff

1 related provisions. On October 8, 2024, AGA filed comments and a coalition letter in
2 Transcontinental Gas Pipe Line LLC, Docket No. CP21-34-004 regarding an emergency
3 certificate for the Regional Energy Access Expansion Project, which had its certificate
4 vacated by the D.C. Circuit Court of Appeals. On October 28, 2024, AGA and Edison
5 Electric Institute filed joint comments in Accounting for Transferability of Income Tax
6 Credits, Docket No. AI24-1-000 regarding FERC accounting matters.

7 AGA also intervened in several FERC dockets of interest to members throughout the
8 Historic Period. For example, AGA intervened in several dockets related to the certification
9 of facilities. These certificate cases included Docket No. CP24-124-000 (intervention filed
10 on May 13, 2024), Docket No. CP23-516-000 (intervention filed May 29, 2024), Docket No.
11 CP23-516-000 (intervention filed on May 29, 2024), Docket No. CP24-113-000 (intervention
12 filed on June 10, 2024), Docket No. CP16-116-000 (intervention filed on June 17, 2024),
13 Docket No. CP24-200-000 (intervention filed on June 27, 2024), Docket No. CP24-466-000
14 (intervention filed on July 12, 2024), Docket No. CP24-490-000 (intervention filed on
15 August 9, 2024), Docket No. CP24-508-000 (intervention filed on September 6, 2024), and
16 Docket No. CP24-520-000 (intervention filed on November 21, 2024).

17 Regarding other federal agencies, AGA is active in proceedings of interest to
18 members. For example, AGA was active at the CFTC during the Historic Period.
19 Specifically, AGA was active on the CFTC's Energy and Environmental Markets Advisory
20 Committee which advises the agency on energy derivative matters.

1 AGA also makes submissions in cases before the Supreme Court and the U.S.
2 Court of Appeals. For example, on September 4, 2024, AGA along with the Chamber of
3 Commerce and others filed a joint amicus brief in Seven County Infrastructure Coalition v.
4 Eagle County, Colorado, Supreme Court No. 23-975. The brief requests that the Supreme
5 Court address the scope of National Environmental Policy Act reviews. On September 20,
6 2024, AGA filed an amicus brief in New Jersey Conservation Foundation, et al, v. FERC,
7 Docket No. 23-1064. The filed brief is in support of the LDCs that contracted for capacity on
8 the pipeline project that received a FERC certificate.

9 On behalf of more than 200 LDCs, AGA provides a level of advocacy that individual
10 LDCs could not possibly achieve on their own. For example, AGA advocates in favor of
11 Low-Income Home Energy Assistance Program (“LIHEAP”) funding, which enables low-
12 income gas customers to avoid disconnection of service when they are unable to pay their gas
13 bills.

14 Furthermore, AGA holds numerous conferences, workshops, and webinars to help
15 members keep current on the latest issues facing the industry, along with the newest practices
16 and technologies in various fields, such as operations and engineering, accounting, legal,
17 information technology, finance, customer activities, government relations, and
18 communications. AGA also provides reference materials and standards that help member
19 companies to implement the best and most current operational and business practices.

20 All these services provided by AGA, benefit current natural gas customers by helping
21 AGA member companies to achieve operational, technological, and customer service

1 excellence, and helping those companies enhance the safe delivery of natural gas to
2 consumers.

3 **b. North American Energy Standards Board**

4 Distribution is a member of the North American Energy Standards Board (“NAESB”)
5 within the Wholesale Gas Quadrant, LDC Segment. NAESB is a broad-based standards
6 organization, which addresses standards/model business practices development for three
7 industry quadrants: Wholesale Gas, Wholesale Electric, and Retail (addressing both gas and
8 electric retail business practices). Distribution’s participation in NAESB helps to ensure that
9 the LDC position is recognized in resolving the many issues being addressed by this
10 organization. Distribution has closely monitored the ongoing NAESB compliance filings
11 made by the upstream pipelines, filing substantive comments as warranted.

FERC Filings for which NFG is the Author: Pipeline: COLUMBIA GAS TRANSMISSION**DateRange: 12/01/2023 – 11/30/2024**

Docket #	Document Type	Filing Date	Description
RP24-446	MOTION FOR LEAVE TO INTERVENE	3/5/2024	§4(D) RATE FILING: CCRM 2024 TO BE EFFECTIVE 4/1/2024
RP24-462	MOTION FOR LEAVE TO INTERVENE	3/5/2024	§4(D) RATE FILING: EPCA 2024 TO BE EFFECTIVE 4/1/2024
RP24-463	MOTION FOR LEAVE TO INTERVENE	3/5/2024	§4(D) RATE FILING: TCRA 2024 TO BE EFFECTIVE 4/1/2024
RP24-464	MOTION FOR LEAVE TO INTERVENE	3/5/2024	§4(D) RATE FILING: RAM 2024 TO BE EFFECTIVE 4/1/2024
RP24-595	MOTION FOR LEAVE TO INTERVENE	3/28/2024	§4(D) RATE FILING: OTRA SUMMER 2024 TO BE EFFECTIVE 5/1/2024
RP24-1103	INTERVENTION AND PROTEST	10/22/2024	GENERAL NGA §4 RATE CASE
RP25-160	MOTION FOR LEAVE TO INTERVENE	11/12/2024	§4(D) RATE FILING: OTRA WINTER 2024 TO BE EFFECTIVE 12/1/2024

FERC Filings for which NFG is the Author: Pipeline: NFG SUPPLY**DateRange: 12/01/2023 – 11/30/2024**

Docket #	Document Type	Filing Date	Description
RP24-524	MOTION FOR LEAVE TO INTERVENE	3/21/2024	§4(D) RATE FILING: UPDATE TO APPLICABLE RATES (PART 4) TO BE EFFECTIVE 4/1/2024
RP24-616	MOTION FOR LEAVE TO INTERVENE	4/4/2024	2024 PS/GHG COSTS TRUE-UP REPORT (GT&C SECTION 42.3(C))
RP24-969	MOTION FOR LEAVE TO INTERVENE	8/15/2024	§4(D) RATE FILING: GT&C SECTION 26.11 PRE-ARRANGED DEALS TO BE EFFECTIVE 9/12/2024

FERC Filings for which NFG is the Author: Pipeline: TENNESSEE GAS PIPELINE**DateRange: 12/01/2023 – 11/30/2024**

Docket #	Document Type	Filing Date	Description
RP24-453	MOTION FOR LEAVE TO INTERVENE	3/5/2024	§4(D) RATE FILING: 2024 ANNUAL FUEL ADJUSTMENT FILING TO BE EFFECTIVE 4/1/2024.
RP24-333-001	MOTION FOR LEAVE TO INTERVENE	3/26/2024	PETITION FOR APPROVAL OF SETTLEMENT IN DOCKET NOS. RP24-333 AND RP19-351.
RP24-788	MOTION FOR LEAVE TO INTERVENE	6/4/2024	§4(D) RATE FILING: PCB ADJUSTMENT PERIOD EXTENSION THROUGH 2026 TO BE EFFECTIVE 7/1/2024

FERC Filings for which NFG is the Author: Pipeline: TEXAS EASTERN TRANSMISSION**DateRange: 12/01/2023 – 11/30/2024**

Docket #	Document Type	Filing Date	Description
RP24-271	MOTION FOR LEAVE TO INTERVENE	1/2/2024	§4(D) RATE FILING: TETLP EPC FEB 2024 FILING TO BE EFFECTIVE 2/1/2024
RP24-779	MOTION FOR LEAVE TO INTERVENE	6/4/2024	TETLP MAY 2024 PENALTY DISBURSEMENT REPORT
RP24-849	MOTION FOR LEAVE TO INTERVENE	6/28/2024	§4(D) RATE FILING: TETLP EPC AUG 2024 FILING TO BE EFFECTIVE 8/1/2024
RP24-832	MOTION FOR LEAVE TO INTERVENE	6/28/2024	§4(D) RATE FILING: GT&C SECTION 14 MODIFICATION - EFF 7-18-24 TO BE EFFECTIVE 7/18/2024
RP25-61	MOTION FOR LEAVE TO INTERVENE	10/22/2024	COMPLIANCE FILING: TETLP OCTOBER 2024 PENALTY DISBURSEMENT REPORT TO BE EFFECTIVE N/A
RP25-134	MOTION FOR LEAVE TO INTERVENE	11/12/2024	§4(D) RATE FILING: TETLP ASA DEC 2023 FILING TO BE EFFECTIVE 12/1/2024

FERC Filings for which NFG is the Author – NFGDC FERC Required Filings**DateRange: 12/01/2023 – 11/30/2024**

Docket #	Document Type	Filing Date	Description
FORM 549D	REPORT / FORM	2/1/2024	QUARTERLY TRANSPORTATION AND STORAGE REPORT OF INTRASTATE NATURAL GAS AND HINSHAW PIPELINES
FORM 552	REPORT / FORM	4/17/2024	ANNUAL REPORT OF NATURAL GAS TRANSACTIONS
FORM 549D	REPORT / FORM	4/30/2024	QUARTERLY TRANSPORTATION AND STORAGE REPORT OF INTRASTATE NATURAL GAS AND HINSHAW PIPELINES
FORM 549D	REPORT / FORM	8/1/2024	QUARTERLY TRANSPORTATION AND STORAGE REPORT OF INTRASTATE NATURAL GAS AND HINSHAW PIPELINES
FORM 549D	REPORT / FORM	11/27/2024	QUARTERLY TRANSPORTATION AND STORAGE REPORT OF INTRASTATE NATURAL GAS AND HINSHAW PIPELINES

NATIONAL FUEL GAS DISTRIBUTION CORPORATION

53.64 (c) (5) A listing and updating, if necessary, of projections of gas supply and demand provided to the Commission for any purpose - see § 59.67 (relating to formats). In addition, provide an accounting of the difference between reported gas supply available and gas supply deliverable - including storage - from the utility to its customers under various circumstances and time periods.

Page 2 of this Exhibit provides a copy of National Fuel Gas Distribution Corporation's Form-IRP-GAS-1A: Annual Gas Demand Requirements, as filed in the Company's Annual Resource Planning Report (ARPR) for the Pennsylvania Division, pursuant to 52 Pa. Code §59.81-84.

Form-IRP-GAS-1A: Annual Gas Demand Requirements
Reporting Utility: National Fuel Gas Distribution Corporation - Pennsylvania Division
(Volumes in MMcf)

	Index Year: Actual Year:	Historical Data		Current Year 0 2024	Three Year Forecast			
		-2 2022	-1 2023		1 2025	2 2026	3 2027	
Firm Sales:								
Retail Residential		18,089	15,591	17,950	18,070	18,251	18,463	
Retail Commercial		3,370	2,898	3,228	3,538	3,595	3,659	
Retail Industrial		347	265	283	290	300	310	
Electric power generation		0	0	0	0	0	0	
Exchange with other utilities		0	0	0	0	0	0	
Unaccounted for Gas		(209)	(342)	33	33	33	34	
Company Use		8	6	10	15	12	14	
Other (Off-system)		0	0					
Subtotal Firm Sales		21,605	18,418	21,503	21,945	22,191	22,479	
Interruptible Sales:								
Retail		0	0	0	0	0	0	
Electric power generation		0	0	0	0	0	0	
Company's Own Plant		0	0	0	0	0	0	
Subtotal Interruptible		0	0	0	0	0	0	
Subtotal Firm and Interruptible Sales:		21,605	18,418	21,503	21,945	22,191	22,479	
Transportation:								
Firm Residential		2,004	1,750	1,927	1,849	1,786	1,728	
Firm Commercial		6,596	6,254	6,764	6,769	6,792	6,835	
Firm Industrial		16,903	16,048	18,185	19,190	19,497	19,423	
Interruptible Residential		0	0	0	0	0	0	
Interruptible Commercial		0	0	0	0	0	0	
Interruptible Industrial		0	0	0	0	0	0	
Electric power generation		0	0	0	0	0	0	
Subtotal Transportation		25,502	24,052	26,877	27,808	28,076	27,986	
Total Gas Requirements		47,107	42,470	48,380	49,753	50,267	50,465	
Increase (Decrease)			(4,637)	5,910	1,373	514	199	
Percent Change (%)			-9.8%	13.9%	2.8%	1.0%	0.4%	

NATIONAL FUEL GAS DISTRIBUTION CORPORATION

- 53.64 (c) (5) A listing and updating, if necessary, of projections of gas supply and demand provided to the Commission for any purpose – see § 59.67 (relating to formats). In addition, provide an accounting of the difference between reported gas supply available and gas supply deliverable – including storage – from the utility to its customers under various circumstances and time periods.**

Attached hereto as pages 2 – 5 are copies of National Fuel Gas Distribution Corporation's (a) Form-IRP-Gas-2A Natural Gas Supply – Annual Supply in accordance with PUC Docket No. L-920066: Integrated Resource Planning for Gas Utilities pursuant to 52 Pa. Code § 59.81 – 84 as filed in June 2024;(b) Form-IRP-Gas-2A Natural Gas Supply - Peak Day Supply; (c) Form-IRP-Gas-2B Natural Gas Transportation; (d) Form-IRP-Gas-2C Natural Gas Storage.

Form-IRP-GAS-2B: Natural Gas Transportation
Reporting Utility: National Fuel Gas Distribution Corporation - Pennsylvania Division
(Volumes in MMcf)

Index Year Actual Year	Historical Data				Current Year		Three Year Forecast					
	-2 2022		-1 2023		0 2024		1 2025		2 2026		3 2027	
City Gate Transportation Contracts (List): ¹	Annual	Peak	Annual	Peak	Annual	Peak	Annual	Peak	Annual	Peak	Annual	Peak
1. N.F.G.S.C. - EFT	21,133.8	170.1	17,844.8	214.1	21,771.5	264.8	21,944.9	266.5	22,190.9	269.5	22,479.5	272.5
Other - Transportation to end users	25,502.0	150.2	24,052.0	145.0	26,877.0	179.3	27,808.0	182.5	28,076.0	183.3	27,986.0	182.5
Total	46,635.8	320.3	41,896.8	359.1	48,648.5	444.1	49,752.9	449.0	50,266.9	452.8	50,465.5	455.0
Upstream Transportation Contracts:												
1. TGP Zone 4	7,330.5	58.9	7,659.2	59.8	6,768.2	61.9	6,649.0	62.3	6,657.0	62.7	6,713.9	63.2
2. Columbia G. T.	2,031.7	1.7	1,714.0	1.8	392.0	1.7	379.2	1.7	366.0	1.7	367.7	1.7
3. Texas Eastern	3,012.8	9.5	3,233.0	9.5	3,759.2	9.5	3,755.3	9.5	3,755.3	9.5	3,755.3	9.5
Other (NFGSC & NFGDC)	-	36.8	-	34.9	-	33.9	-	33.9	-	33.9	-	33.9
Total	12,375.0	106.9	12,606.2	106.0	10,919.4	107.0	10,783.5	107.4	10,780.3	107.8	10,836.9	108.3
Storage Related Transportation Contracts 2:												
1. ESS - NFGSC	6,063.0	21.1	6,228.4	86.2	5,725.4	114.7	5,954.4	117.6	5,969.5	120.2	5,985.5	122.7
2. FSS - NFGSC	212.3	9.5	9.5	6.3	171.3	10.2	133.3	10.2	133.3	10.2	133.3	10.2
3. FSS 2 - NFGSC	200.2	13.4	13.3	-	483.1	13.3	334.9	13.3	334.9	13.3	334.9	13.3
4. FSS-SST Col.	478.9	16.9	374.0	16.8	498.2	17.5	392.9	17.5	419.0	17.5	441.5	17.5
Other	-	-	-	-	-	-	-	-	-	-	-	-
Total	6,954.5	60.9	6,625.2	109.3	6,858.0	155.7	6,815.5	158.6	6,856.7	161.2	6,895.2	163.7

1 Rank contracts in order of magnitude for the current year. Reporting should proceed along rank ordering until 75% of total contract supplies is accounted for, or until ten contracts have been listed, whichever occurs first. Provide a separate sheet identifying the supplier for each contract listed. (Note: rank ordered based on annual).

2 Storage should net to zero (Net withdrawal activity on Sheet 2-C)

Form-IRP-GAS-2C: Natural Gas Storage
Reporting Utility: National Fuel Gas Distribution Corporation - Pennsylvania Division
(Volumes in MMcf)

Index Year Actual Year	Historical Data				Three Year Forecast							
	-2 2022		-1 2023		0 2024		1 2025		2 2026		3 2027	
Storage Contracts (List): ¹	Annual	Peak	Annual	Peak	Annual	Peak	Annual	Peak	Annual	Peak	Annual	Peak
1. NFGSC (ESS 1)	6,063.0	21.1	6,228.4	86.2	5,725.4	114.7	5,954.4	117.6	5,969.5	120.2	5,985.5	122.7
2. NFGSC (FSS)	212.3	9.5	9.5	6.3	171.3	10.2	133.3	10.2	133.3	10.2	133.3	10.2
3. NFGSC (FSS 2)	200.2	13.4	13.3	-	463.1	13.3	334.9	13.3	334.9	13.3	334.9	13.3
4. Columbia (FSS)	478.9	16.9	374.0	16.8	498.2	17.5	392.9	17.5	419.0	17.5	441.5	17.5
Other	-	-	-	-	-	-	-	-	-	-	-	-
Total	6,954.5	60.9	6,625.2	109.3	6,858.0	155.7	6,815.5	158.6	6,856.7	161.2	6,895.2	163.7

¹ Rank contracts in order of magnitude for the current year. Reporting should proceed along rank ordering until 75% of total contract supplies is accounted for, or until ten contracts have been listed, whichever occurs first. Provide a separate sheet identifying the supplier for each contract listed. (Note: rank ordered based on MDQ).

NATIONAL FUEL GAS DISTRIBUTION CORPORATION**Response of National Fuel Gas Distribution Corporation to the Commission's
Filing Requirement Codified at 52 Pa. Code §53.64(c)(6) --**

Each Section 1307(f) utility shall file with the Commission a statement of its current fuel procurement practices, detailed information concerning the staffing and expertise of its fuel procurement personnel, a discussion of its methodology for obtaining a least cost and reliable source of gas supply, including a discussion of any methodologies, assumptions, models or rules of thumb employed in selecting its gas supply, transportation and storage mix, its loss prevention strategy in the event of fraud, nonperformance or interruption of performance, its participation in capacity release and reallocation programs, the impact, if any, upon least cost fuel procurement by constraints imposed by local transportation end users, interruptible service, balancing, storage and dispatching options, and its strategy for improving its fuel procurement practices in the future and timetable for implementing these changes.

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- D. Storage Fill Agreements

1 E. Asset Management Arrangements
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3 **IV. STAFFING AND EXPERTISE OF FUEL PROCUREMENT**
4 **PERSONNEL**
5

6 This statement of gas purchase practices and strategy provides a
7 summary of the procedures for obtaining gas supplies during the historic
8 reconciliation period (the 12 months ended November 30, 2024), the procedures to
9 be used during the period December 1, 2024 through July 31, 2025 and expected to
10 be used during the period August 1, 2025 through July 31, 2026. The last
11 referenced period (August 1, 2025 through July 31, 2026) is the Application Period
12 during which, subject to quarterly adjustments, recovery rates set in this proceeding
13 will be in effect.

14 **I. CAPACITY RESERVED FOR DISTRIBUTION'S CUSTOMERS**

15 **A. Reservation of Capacity - Generally**

16 Distribution has entered into contracts for transportation and storage
17 capacity on National Fuel Gas Supply Corporation (“Supply”) and on upstream
18 interstate pipelines to meet the requirements of its firm sales customers.

19 Distribution’s system consists of numerous small, geographically
20 dispersed distribution systems serving local markets, many of which are not
21 interconnected by Distribution’s own facilities. Instead, Supply’s substantial
22 transmission system interconnects these distribution systems, providing the vital
23 interconnections between Distribution’s dispersed market areas and the upstream
24 pipelines. See PGC Exhibit No. 8-A for a map of Supply’s system. Supply’s

1 transmission facilities also interconnect Supply's extensive storage facilities and
2 Distribution's various local distribution systems.

3 As described above, several of Distribution's market areas are not
4 interconnected with other market areas of Distribution. They are supplied by
5 upstream pipeline, transportation and storage capacity contracted with Supply,
6 Columbia Gas Transmission LLC ("Columbia"), Tennessee Gas Pipeline
7 Company, L.L.C. ("Tennessee" or "TGP") and Texas Eastern Transmission, LP
8 ("Texas Eastern" or "TETCO"). All of Distribution's pipeline and storage capacity
9 is critical capacity. This mix of capacity meets Distribution's unique market
10 reliability requirements at the least cost to the customer. The capacity plays a
11 critical role in directly serving customer requirements including filling
12 Distribution's contracted storage capacity with Supply.

13 Distribution's contracts with Tennessee contain grandfathered
14 redundant delivery rights and "virtual" nomination points that allow Distribution to
15 direct its gas supplies to various market delivery points as needed to serve customer
16 requirements during the winter and to fill storage during the summer. The
17 Tennessee capacity is also required to provide the Company the ability to fill
18 certain storage capacity on Supply that can only be filled using Tennessee's Zone 4
19 capacity, and to meet the obligations under Supply's EFT tariff provisions that
20 require Distribution to deliver gas supplies to Supply receipt meters at the volumes
21 and pressures necessary to satisfy Distribution's market conditions. Distribution's
22 transportation and storage contracts with Columbia provide delivery capability to

1 serve the requirements of discrete markets and of the system in general. Because
2 the pipeline transportation and storage capacities that are maintained with Supply,
3 Columbia, Tennessee and Texas Eastern are critical to system operations, these
4 contracts cannot be replaced by substitute natural gas suppliers.

5 Distribution uses its pipeline transportation and storage capacity
6 year-round to serve its firm market requirements on a reliable basis. Generally,
7 during the winter season Distribution meets its sales requirements by purchasing
8 gas and withdrawing gas from storage and transporting it via upstream and Supply
9 pipelines to Distribution's system. In the summer, Distribution uses upstream
10 capacity that is not needed to serve market requirements, to inject gas into storage,
11 to be withdrawn in the winter.

12 **B. Winter 2024-2025 Pipeline and Storage**

13 Distribution has reserved firm transportation, storage and winter gas
14 supply capacity as shown in PGC Exhibit No. 4-A to meet its forecasted design day
15 market requirements for the winter 2024 – 2025.

16 **C. Release of Capacity to SATS Suppliers**

17 Distribution has reserved upstream pipeline and storage capacity to meet its
18 obligations to its Sales and Small Aggregation Transportation Customer ("SATC")
19 service customers. Pursuant to its tariff, Distribution releases a quantity of its
20 Supply EFT and ESS capacity and its Tennessee FT-A Z4 to Z4 capacity to Small
21 Aggregation Transportation Supplier ("SATS") service suppliers that serve
22 Distribution's SATC customers. This released capacity is sufficient for SATS

1 suppliers to comply with Distribution's daily delivery quantity requirement for
2 serving the SATC customer heating requirements up to 62 degree days (DD).
3 Under the current Customer Choice Program, SATS suppliers are assigned
4 (through capacity release) the assets they need to provide service to their SATC
5 customers, other than the retained capacity.

6 **D. Retained Capacity for Temperature Variability and Peaking**

7 Distribution retains capacity to meet the temperature variability and peaking
8 requirements of its combined sales and SATC customers. This capacity will be
9 used to serve temperature swing load which results from the variance between the
10 predicted and actual weather and associated customers' usage per DD. This
11 capacity will be retained and managed by Distribution to provide deliverability to
12 its sales and SATC customers on peak days. This capacity is designed to serve a
13 combined sales and SATC customer load equivalent to 12 DD, or when the gas
14 day's mean temperature varies from +2°F down to -9°F. The SATC customers,
15 therefore, need only be assigned capacity to serve their requirements equivalent to
16 62 HDD, or when the mean temperature of the gas day is 3°F and above. See PGC
17 Exhibit No. 8-B for the retained capacity calculation as of August 1, 2025.

18 **II. DISTRIBUTION'S LEAST COST PURCHASE STRATEGY**

19 **A. General**

20 Distribution continually reviews its mix of pipeline and storage
21 capacity to provide the critical link between Distribution and the primary sources of
22 its gas supply. Distribution uses this capacity to source the lowest cost gas supplies

1 that are consistent with maintaining adequate, reliable and reasonably continuous
2 service.

3 Distribution reviews its capacity portfolio annually to address its
4 market requirements based on annual market forecast updates. Distribution
5 evaluates its mix of capacity, focusing on its capacity costs, diversity and the
6 reliability of its gas supplies. Specifically, the primary objectives of Distribution's
7 capacity mix and least-cost gas procurement strategies can be summarized as
8 follows:

9 (1) Reservation of capacity needed (both transportation
10 and storage) to obtain gas supplies at the lowest possible cost while
11 assuring reliability and maintaining operational integrity.

12 (2) Maintenance of adequate and reliable supplies,
13 purchased under a variety of gas supply arrangements, appropriately
14 structured to meet the near and mid-term daily, winter season, peak
15 day and annual requirements of Distribution on a least-cost basis;
16 and

17 (3) Manage gas costs by the dispatching of gas to ensure
18 adequate supply coverage and maximization of lowest cost supplies,
19 within the constraints imposed by contract provisions and system
20 capacity considerations.

21 **B. Pipeline Costs**

1 Distribution actively participates in proceedings at the Federal
2 Energy Regulatory Commission (“FERC”), defending its interests as a local
3 distribution company in cases where such action is appropriate.

4 The most significant proceedings and Distribution’s involvement are
5 identified in PGC Exhibit No. 6.

6 **C. Ongoing Review of Capacity Contracts to Reduce Costs**

7 Distribution has contracted for transportation and storage capacity
8 sufficient to meet the design day and seasonal needs of its customers. PGC Exhibit
9 No. 8-C provides Distribution’s 2025-2026 load duration curve that illustrates the
10 utilization of its contracted firm capacity and winter gas call to serve the demand
11 for a projected design day and 15% colder than normal forecast. Distribution
12 continues to review its mix of capacity, to ensure and enhance reliability and reduce
13 costs, particularly in situations where there are options to renew or cancel existing
14 contracts. It is important to note that Distribution does not simply contract for all
15 its capacity needs each and every year. Distribution’s opportunities to adjust its
16 capacity mix is limited by its existing portfolio of contracts and their varying
17 contract terms. The requirements for the system change on a year-to-year basis,
18 going up or down as the customer demand shifts, therefore opportunities to adjust
19 contracts do not always line up with changes in Distribution’s updated forecasts of
20 its requirements.

21 **D. Storage Utilization Strategy**

1 Distribution uses its storage capacity primarily to ensure reliability
2 of system delivery. Based on normal temperatures during the 2024-2025 winter, it
3 is projected that approximately 40% of winter requirements and 65% of design day
4 requirements will be sourced from storage. Storage is also used to enhance
5 purchasing capabilities by facilitating the purchase of gas at higher year-round load
6 factors due to the ability to inject gas into storage during the summer months when
7 customer demand is lower. If Distribution did not have its current level of storage,
8 it would have to obtain additional upstream transportation capacity and pay year-
9 round demand charges for use only in the winter period. This would decrease the
10 year-round load factor that could result in a substantial cost increase to its
11 customers.

12 Furthermore, storage enables Distribution to purchase gas during the
13 summer, when prices are historically lower and less volatile, and inject this gas into
14 storage, to be withdrawn from storage in the winter when prices are historically
15 higher and more volatile. PGC Exhibit No. 8-D, depicts Distribution's daily send
16 out for the twelve months ending September 30, 2024, that shows the role of
17 storage in meeting Distribution's market needs. The graph illustrates withdrawals
18 from storage when "demand" exceeds "flowing gas supplies" and an injection into
19 storage when "flowing gas supplies" are greater than "demand".

20 In addition, the availability of storage and the consequent increase in
21 load factor on the upstream pipelines has reduced Distribution's need to rely on

1 peak day pipeline capacity or other peak shaving facilities typically relied upon by
2 other LDCs, e.g., propane and liquefied natural gas.

3 **E. Future Capacity and Procurement Plans**

4 Subject to its critical capacity requirements described above,
5 Distribution will continue to evaluate opportunities to adjust its portfolio of capacity to
6 enhance reliability and achieve savings for its customers. As previously discussed,
7 Distribution reviews its capacity portfolio annually to address its forecasted market
8 requirements.

9 Distribution anticipates that it will renew its current pipeline and
10 storage contracts per the notice dates as explained in PGC 4-A. Significant
11 changes to contracts are described below:

12 **(BEGIN CONFIDENTIAL PORTION)**

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(END CONFIDENTIAL PORTION)

F. No Cost Gas Exchange Agreements and Other Utility Purchases

Details of these Agreements and LDC tariff sales service purchases are provided in PGC Exhibit No. 4. Distribution does not expect to modify or add to the No Cost Exchange Agreements through the end of the Application Period.

H. Gas Supply Mix

(1) Mitigation of Commodity Price Volatility

Distribution purchases gas pursuant to its Gas Cost Management Plan (“Plan”) to reduce the effects of gas price volatility on sales customers. The Plan has continued to evolve as Distribution has gained experience under its Plan and responded to the changes in the marketplace. The overall goal of the Plan however, to mitigate price volatility through price diversification, has not changed.

The Plan diversifies pricing by requiring that for a normal winter season of November through March, approximately 40% of winter gas supplies will be withdrawn from storage at prices determined during the summer injection season, 12% will be forward priced during the summer, 24% will be monthly

1 priced and 24% will be daily priced. Storage and forward priced supplies enable
2 Distribution to achieve price certainty for approximately 52% of its required gas
3 supplies.

4 Similar to last year, each winter's forward prices are established by
5 entering into four winter physical supply transactions which specify the pricing of
6 quantities to be delivered during the winter months. These quantities are
7 purchased as a fixed price and/or an index price not to exceed an agreed upon price
8 cap. Under the Plan for the 2024-2025 winter season, on predetermined days during
9 the NYMEX trading period from April 2024 through October 2024, Distribution
10 fixed the contract price for a pro rata share of the gas that it would purchase under
11 the Plan for delivery during the period November 1, 2024 through March 31, 2025.

12 A copy of the currently executed Plan is provided as PGC No. 8-E.

13 Per the resolution reached in Docket Nos. R-2023-3037428, *et al.*,
14 the Company has updated its Plan to include fixed price purchases in its summer
15 gas buying strategy. Starting April 1, 2025, the Plan specifies that:

- 16 • Approximately 15-20% of the forecasted gas requirements will be
17 purchased at a fixed price during the summer before delivery.
- 18 • Approximately 30-35% will be priced monthly.
- 19 • Approximately 50% will be priced daily.

20 In May and June 2024, the Company entered into fixed price transactions for the
21 expected gas requirements for Summer 2025, to be delivered from April 1, 2025, to

1 October 31, 2025. The updated Plan, effective April 1, 2025, is documented as
2 PGC No. 8-F.

3 **(2) Term Purchase Supplies**

4 Distribution secures firm gas supplies on a Term (delivery period
5 greater than one month) basis when and where it concludes that it is necessary to
6 ensure reliable deliveries. For the period December 1, 2023 to November 30, 2024,
7 Distribution purchased Term supplies of approximately 6,700,000 Dth or 37% of
8 total supplies. Commodity prices are usually determined monthly or daily based
9 upon published price indices, NYMEX settle price, or negotiated rates (i.e., cash).
10 The monthly gas is a blend of negotiated rate (cash) priced, monthly index priced
11 and NYMEX priced transactions.

12 Pursuant to Distribution's Master Gas Purchase Contracts and North
13 American Energy Standards Board ("NAESB") Contracts, suppliers dedicate
14 quantities of gas to Distribution for typically seasonal terms. These contracts have
15 strong liquidated damages language to encourage suppliers to deliver the contracted
16 volumes. Distribution may pay a small premium for firm dedication of Term
17 supplies. The small premiums paid represent the price of the supply security
18 afforded under the Term contracts. Distribution's procedures for entering into firm
19 contracts and efforts to minimize premiums for Term supplies are more fully
20 described in PGC Exhibit No. 4.

21 The portfolio of Term purchases that includes a mix of baseload
22 supplies and flexible delivery supplies is formulated around Distribution's firm

1 upstream pipeline and storage capacity and extensive storage capacity on Supply's
2 system. The Term purchase agreements with delivery flexibility reserve
3 Distribution the right to take delivery from the supplier or release that delivery right
4 back to the supplier, who then may sell the gas to another party, commonly referred
5 to as take or release.

6 **(3) Spot Purchase Supplies**

7 Distribution has historically sought and obtained volumes of gas on
8 a Spot (delivery period equal to, or less than, one month) basis to supplement Term
9 purchases on pipelines where gas supplies were abundant and, therefore, where it
10 was not necessary to pay a premium for such gas in order to assure delivery. With
11 the continued growth of Northeast Shale gas, sourcing of such gas supplies has
12 shifted from the traditional sources in the Southwest and Canada to the Northeast
13 Shale region.

14 Through the methodology described in PGC Exhibit No. 4,
15 Distribution will continue to purchase lower cost market area quantities on a firm
16 Spot delivery basis.

17 For the period December 1, 2023 to November 30, 2024,
18 Distribution's summer and winter Spot gas purchases accounted for approximately
19 11,600,000 Dth of Spot gas or 63% of total supplies.

20 **(4) Non-Firm Local Production and Appalachian Supply**

21 Distribution's purchases during the historic period are reported in
22 PGC Exhibit No. 4. Distribution expects to continue to purchase non-firm,

1 dedicated and excess local production gas for the near-term into its system and
2 Supply's system at prices that do not increase the weighted average commodity
3 cost of gas supplies sold to its customers.

4 **(5) Tariff Purchase Supplies**

5 Distribution's purchases pursuant to its tariff during the historic
6 period are reported in PGC Exhibit No. 4. Distribution is not able to predict
7 whether such purchases will be required in the future.

8 **(6) General Supply Approach**

9 Firm transportation contracts and Term gas purchase contracts
10 assure security of supply and deliverability. Notwithstanding this fact, Distribution
11 has also purchased Spot gas at market prices instead of contracting for Term
12 supplies to the extent that reliability of such supply was not an issue. Distribution
13 makes the decision to select Spot purchases to the extent such supplies are needed
14 on a monthly and/or daily basis, comparing all alternative sources of gas and
15 selecting the least cost supplies from those offered.

16 For the 2023-2024 winter, Distribution has utilized Term contracts
17 to obtain firm commitments for delivery from its suppliers. The projected normal
18 weather core requirements are expected to be served by the following: 40% storage
19 withdrawals; 24% market-based monthly-priced gas; 24% market-based daily-
20 priced gas and 12% forward fix priced gas.

21 These purchasing plans have produced a well-balanced gas contract
22 portfolio that provides the mitigation of pricing risk through diversification of

1 contract terms and pricing provisions. The predetermined price of storage and
2 forward priced deliveries, representing approximately 52% of winter supplies. The
3 monthly and daily priced gas under the Term contracts, some of which back up
4 replacement monthly and daily Spot purchases, assure that a portion of the supplies
5 are priced at current market without the risk of lowering reliability. Again, this
6 type of gas supply mix diversification allows customers to continue to receive
7 service at a high level of reliability under a least cost purchase plan with reduced
8 exposure to price increases resulting from extreme weather.

9 **III. CREDITS FOR CAPACITY RELEASE, OFF-SYSTEM SALES, AND**
10 **STORAGE FILL AGREEMENTS**

11 **A. General Capacity Release and Off-System Sales Procedures**

12 The first step in determining whether capacity can be released, or an
13 off-system sale can be made, is to determine whether there are gas supplies and/or
14 capacity that will not be needed to meet the requirements of customers. This
15 determination requires consideration not only of projected requirements of
16 Distribution's customers, but also of the need, at various times of the year, to fill
17 storage fields in order to meet peak and winter requirements of customers.

18 While Distribution reviews its requirements and available capacity
19 continually, a review is conducted prior to the commencement of each calendar
20 month to determine, in the aggregate, whether Distribution has firm gas supplies
21 under contract that will not be purchased during the month. If so, Distribution will
22 seek to release capacity that it will not use during the next 30-day period or less.
23 Distribution's process for making such releases available is as follows.

1 Distribution sends an e-mail or instant message to potential customers notifying
2 them of available capacity to be released. Interested customers may contact
3 Distribution to place a bid. Distribution generates capacity release offers and posts
4 all release offers for bidding on the pipeline's electronic bulletin board. Biddable
5 offers may be posted with an interested customer as the pre-arranged bidder,
6 providing an opportunity for the pre-arranged bidder to match a higher bid from
7 any competing bidder.

8 When engaged in off-system sales, Distribution may sell gas at any
9 point on its transportation and storage capacity upstream of its capacity on Supply.

10 It is noted that the demand for and value of capacity release and
11 sales opportunities will vary by time of year and by weather conditions. It can be
12 expected that there will be greater demand for gas supplies and capacity, along with
13 greater margins and release credits, during winter periods, particularly when
14 weather is colder than normal.

15 **B. Capacity Releases**

16 Distribution retains the necessary capacity on upstream pipelines
17 and storages to provide service to its sales customers. Distribution also has
18 capacity to meet the difference between transportation customers' deliveries and
19 takes on the design day.

20 During periods when Distribution is not using all of its capacity to
21 serve its customers, Distribution generally markets its unutilized capacity to other
22 parties as discussed earlier.

1 Sharable revenues from releases of capacity are allocated 75% to
2 ratepayers and 25% to Distribution. The total value of all sharable releases for the
3 period ending November 30, 2024 was approximately \$1,000,000.

4 **C. Off-System Sales**

5 As approved under previous settlements of Distribution's 1307(f)
6 proceedings, Distribution retains 25% of the net revenues from off-system sales,
7 (before taxes) over the monthly average commodity cost of gas plus any variable
8 transportation costs to deliver the gas to the off-system customer. The monthly
9 average commodity cost of gas is defined as the monthly average commodity cost
10 of gas purchases for all supplies scheduled at the beginning of the month. This
11 method of using the monthly average commodity cost continues to be the
12 appropriate methodology. These contracts have a wide variety of price and
13 flexibility provisions which govern how Distribution purchases gas during a given
14 period. Distribution has set up its least-cost procurement program to include a mix
15 of both base-load and flexible contracts necessary to meet its system requirements.
16 Distribution plans its Term and Spot gas purchases on a monthly basis from its mix
17 of Master Gas Purchase Contracts, NAESB contracts or GISB contracts. The
18 pricing terms for the commodity cost of these gas supplies include but are not
19 limited to first of month and daily index prices, NYMEX settlement prices and
20 prices fixed in advance of the month of flow. Therefore, the weighted average
21 commodity cost of gas, plus the variable transportation cost to the point of the off-
22 system sale, is the appropriate basis for purposes of determining margin available

1 for sharing. Off-system sales that rely on system supply and whose margins are
2 derived from Distribution's weighted average commodity cost are referred to as
3 "WACC Sales".

4 If an additional, unscheduled purchase is made during the month
5 specifically for an off-system sale, such purchase is considered to be the gas used to
6 make the off-system sale, and the commodity cost of such purchase will be
7 assigned to the off-system sale up to the volume of the purchase. Such purchase
8 may either be transported directly to the sale point via idle but unreleased
9 transportation capacity or via displacement of system supply scheduled for delivery
10 to Distribution's Supply capacity. Under a displacement scenario, the additional
11 unscheduled purchase is delivered to Distribution's Supply capacity in a quantity
12 equal to the originally scheduled system supply delivery that was displaced to make
13 the sale. Annual off-system sale revenues have declined in recent years as
14 Distribution reduces capacity path lengths and places more emphasis on capacity
15 release transactions to optimize the value of its upstream capacity. No off-system
16 sales margins were generated during the 12 month historic period ending
17 November 30, 2024.

18 **D. Storage Fill Agreements**

19 Distribution allocates storage fill credits received under storage fill
20 agreements such that the ratepayers receive 75% and Distribution the remaining
21 25%.

1 In response to a request for proposal issued in March 2023,
2 Distribution entered into a storage fill agreement for the 2024 injection season.
3 The Supplier was required to deliver a portion of a seasonal injection requirement
4 associated with a specific city gate delivery point. In exchange for a discount
5 relative to what Distribution would have otherwise payed, the supplier was
6 provided the ability to choose the days of delivery. In general, Distribution would
7 attempt to purchase injection quantities evenly over the summer injection season in
8 order to diversify inventory gas costs. The total value of the discount was
9 approximately \$120,000.

10 **E. Asset Management Arrangements**

11 In light of the issuance of FERC Order No. 712 and its progeny, in
12 which the FERC clarified and encouraged the use of Asset Management
13 Arrangements (“AMA”), Distribution solicited an AMA proposal from
14 counterparties. The AMA proposal request was structured around filling
15 Distribution storage during the summer, requiring the asset manager to deliver
16 least-cost gas supplies to Distribution at the city gate and Distribution to release a
17 portion of its Tennessee capacity to the asset manager for the summer period.
18 Relative to comparable capacity release values of the asset, offers for an AMA
19 structured around the asset did not yield additional value. Distribution elected not
20 to execute an AMA agreement and instead optimized the pipeline capacity in the
21 off-system sales and capacity release markets.

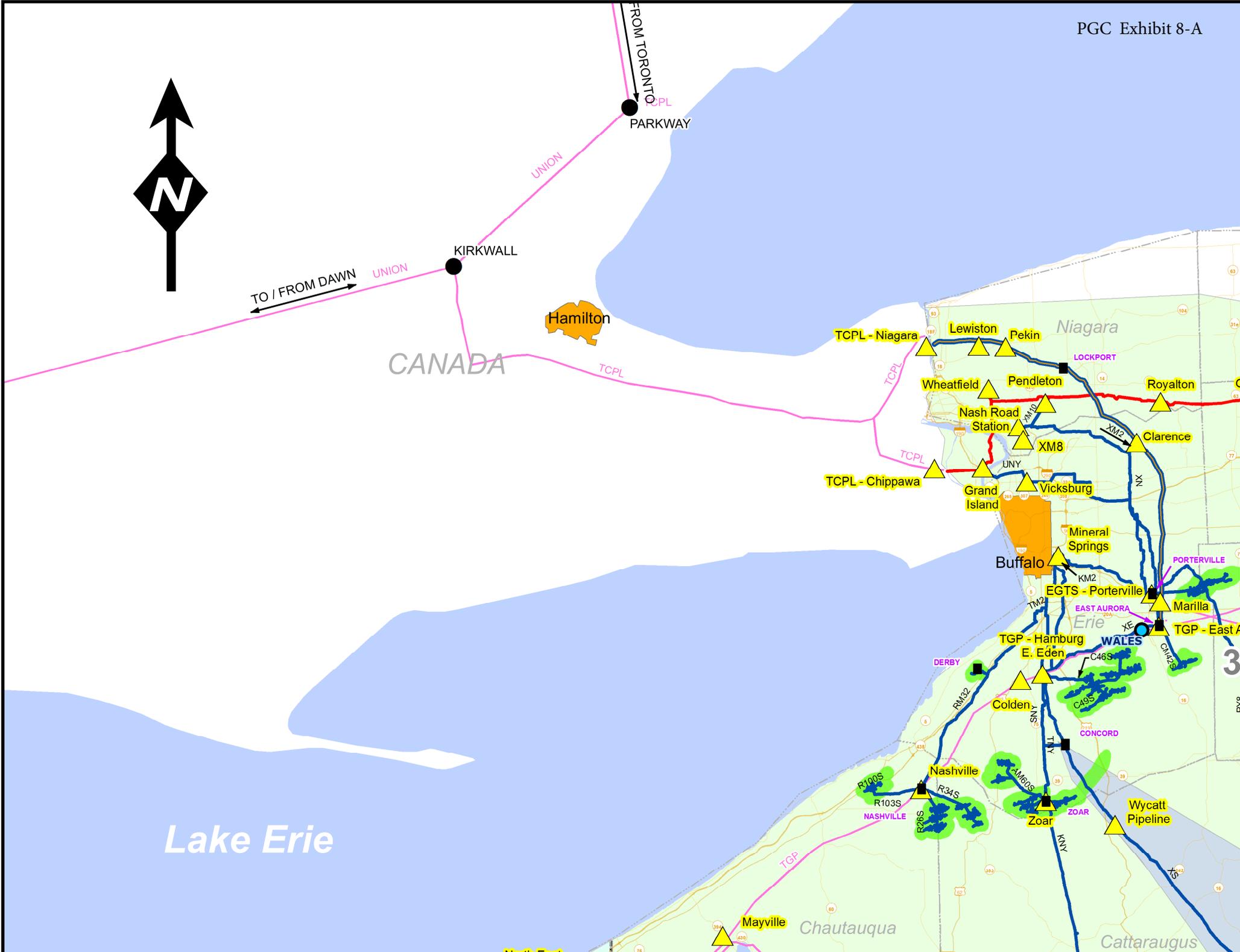
1 **IV. STAFFING AND EXPERTISE OF FUEL PROCUREMENT**
2 **PERSONNEL**

3 Distribution operates its gas planning, gas accounting, gas
4 procurement & optimization and transportation functions through its Gas Supply
5 Administration (“GSA”) Department from offices located in Williamsville, New
6 York.

7 As detailed in PGC Exhibit No. 8-G, GSA utilizes functional teams
8 that handle the duties and responsibilities of all the areas that encompass the
9 department. Distribution’s GSA Department is currently fully staffed with 14
10 employees.

11 The specific operational and transactional duties that are performed
12 by GSA employees include the following: projecting and monitoring
13 Distribution’s market forecasts and gas supply needs; negotiating and contracting
14 for all pipeline capacity, storage capacity and gas supplies as well as administering
15 those gas supply contracts; accounting for and paying all charges associated with
16 all gas supply contracts and all transportation contracts; daily nominations and
17 monitoring of scheduled volumes; optimization of unutilized pipeline capacity
18 through capacity release or off-system sales; and facilitating customer choice
19 transportation and system operator functions that include verifying, confirming, and
20 tracking capacity upstream and downstream of Distribution interconnects used by
21 marketers and transporters, nominating and tracking retained and released capacity
22 for aggregation services, forecasting and planning for transportation activity,
23 managing and tracking Distribution local production and marketer pooling

- 1 activities and on-system deliveries, coordinating marketer operational meetings,
- 2 and addressing other supplier-of-last-resort issues.



FROM TORONTO
TCPL
PARKWAY

TO / FROM DAWN
UNION

CANADA

Hamilton

TCPL - Niagara

Lewiston Pekin

Niagara

Wheatfield

Pendleton

Royalton

Nash Road Station

XM8

Clarence

TCPL - Chippawa

Grand Island

Vicksburg

Buffalo

Mineral Springs

EGTS - Porterville

Marilla

TGP - Hamburg

E. Eden

TGP - East A

Colden

Nashville

Zoar

Wycatt Pipeline

Mayville

Chautauqua

Cattaraugus

Lake Erie

National Fuel Gas Distribution Corporation - Pennsylvania Division

Calculation of Retained Capacity and SATS Released Transmission Capacity ("RTC") Mix
Capacity retained by NFGDC to meet temperature variability and peaking requirements of Sales and SATS customers

Winter 2025-2026 Design Peak Day 74 DD Requirement		Dth/day
Retail Sales		267,393
SATS Service		<u>23,006</u>
City gate total		290,399
Less: Base Load *		<u>(13,806)</u>
Heating load 74 DD		276,593
Heating load per DD		3,738

Calculation of Retained Capacity for 12 DD (74-62 DD)		Dth/day	
Total Retained Capacity Requirement	Heating load per DD*12 DD	44,856	
Contracts selected to meet RTC requirement			MSQ
	NFGSC FSS O02432	10,666	200,000
	NFGSC ESS G00539	34,190	1,595,921
Total Retained Capacity		44,856	

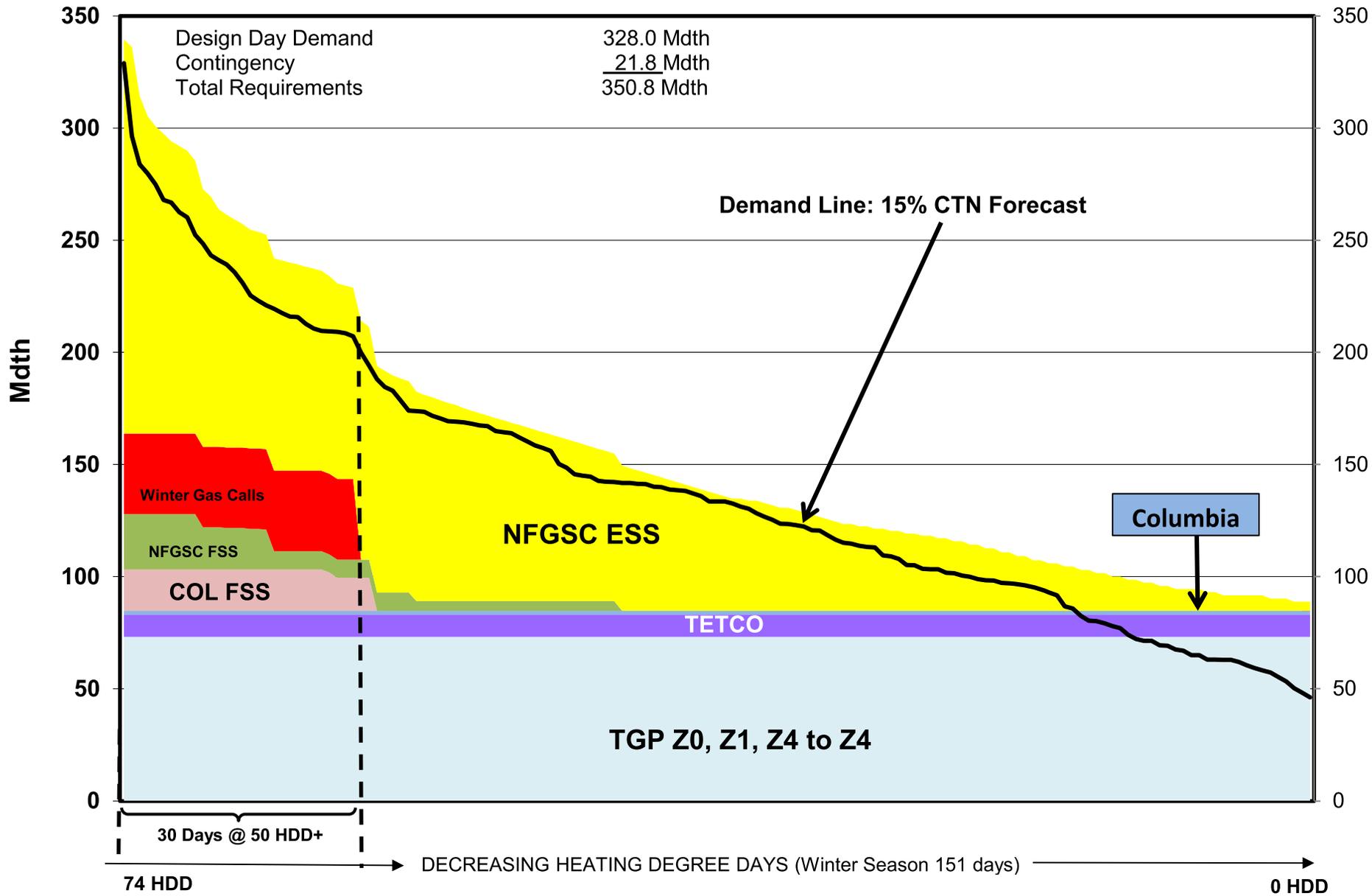
Calculation of Capacity Requirement for 62 DD		Dth/day	DD provided
	City gate Total	290,399	74
	Less: Retained Capacity	<u>44,856</u>	<u>12</u>
	Difference	245,543	62

Calculation of Released Transmission Capacity (RTC) Mix		Dth/day	Daily mix
	Upstream Capacity **	116,877	48%
	ESS	<u>128,666</u>	<u>52%</u>
	Total	245,543	100%

* Forecast for average day during July & August 2026

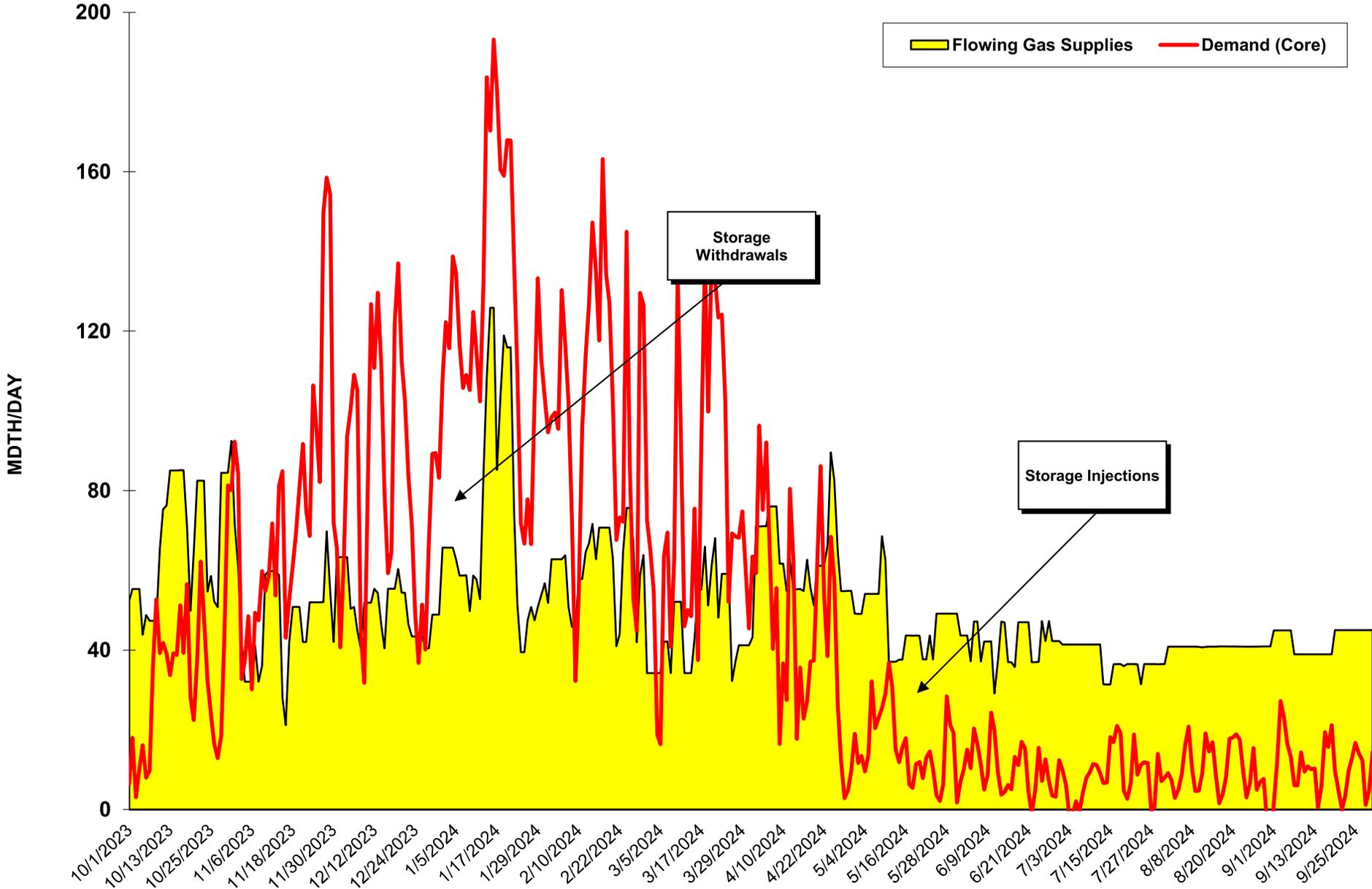
** Upstream Capacity is TGP, TETCO, Columbia FTS and FSS, NFGSC FSS; net of NFGSC retainage for fuel and line loss

National Fuel Gas Distribution Corporation - Pennsylvania 2025-2026 Load Duration Curve



Design Day based on 74 HDD: Forecast (December 2024)

NFGDC PA - Gas Supply vs Demand



**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.

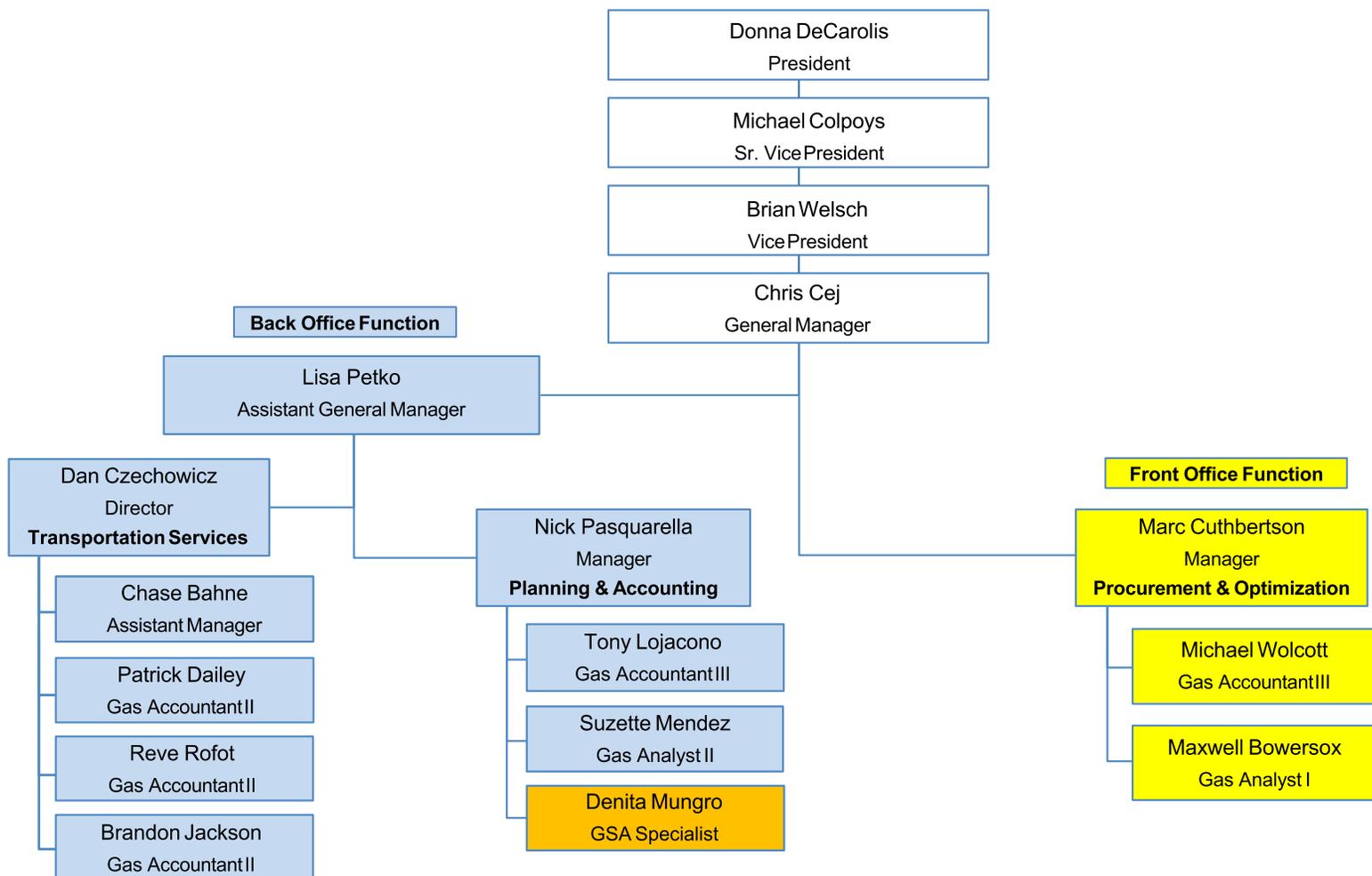
- III.** Monthly Pricing: Approximately 24% of winter and 30%-35% of summer forecasted demand requirements shall be priced at a mix of index and bid week negotiated (cash) prices.

- 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.

**National Fuel Gas Distribution Corporation
Gas Supply Administration
November 1, 2024**



NATIONAL FUEL GAS DISTRIBUTION CORPORATION

53.64 (c) (7) A list of off system sales, including transportation, storage or capacity releases by the utility at less than the weighted average price of gas, or at less than the original contract cost of transportation, storage or capacity supplied to the utility for its own customers.

A. Off-System Sales

Distribution did not have any Off-System Sales during the period of December 2023 through November 2024.

B. Capacity Releases

Attached as Exhibit 9-A and Exhibit 9-B are reports detailing all Transportation and Storage releases that were in effect during the historic period. These Exhibits include releases made pursuant to Distribution's state-approved marketer program and are identified as "Pennsylvania Energy Select" releases.

For further details concerning National Fuel Gas Distribution Corporation's capacity releases and off-system sales, refer to PGC Exhibit No. 8.

National Fuel Distribution Corporation
Transportation Capacity Release Report
12/1/2023 - 11/30/2024

National Fuel Distribution Corporation
Transportation Capacity Release Report
12/1/2023 - 11/30/2024

National Fuel Distribution Corporation
Transportation Capacity Release Report
12/1/2023 - 11/30/2024

**National Fuel Distribution Corporation
Transportation Capacity Release Report**

National Fuel Distribution Corporation
Transportation Capacity Release Report
12/1/2023 - 11/30/2024

**National Fuel Distribution Corporation
Transportation Capacity Release Report**

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Transportation Capacity Release Report
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Transportation Capacity Release Report
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Transportation Capacity Release Report**

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Transportation Capacity Release Report
12/1/2023 - 11/30/2024

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Transportation Capacity Release Report
12/1/2023 - 11/30/2024

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12/1/2023 - 11/30/2024

**National Fuel Distribution Corporation
Transportation Capacity Release Report**

National Fuel Distribution Corporation
Transportation Capacity Release Report
12/1/2023 - 11/30/2024

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12/1/2023 - 11/30/2024

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12/1/2023 - 11/30/2024

National Fuel Distribution Corporation
Transportation Capacity Release Report
12/1/2023 - 11/30/2024

NATIONAL FUEL GAS DISTRIBUTION CORPORATION

53.64 (c) (8) A list of agreements to transport gas by the utility through its system, for other utilities, pipelines, or jurisdictional customers including the quantity and price of the transportation.

National Fuel Gas Distribution Corporation maintains transportation agreements with its Daily Metered customers and Monthly Metered Natural Gas Suppliers who are responsible for the delivery requirements and imbalance resolution of Monthly Metered Transportation customers. Volumes are provided in summary format by revenue class. Please refer to PGC Exhibit No. 11 for transportation quantities by revenue class and service class. In addition, it should be noted that PGC Exhibit No. 11 includes prices by service class.

NATIONAL FUEL GAS DISTRIBUTION CORPORATION

- 53.64 (c) (9) A schedule depicting historic monthly end-user transportation throughput by customer. Each customer or account shall be identified solely by a unique alphanumeric code, the key to which may be provided subject to §5.423 (relating to orders to limit availability of proprietary information).

Daily Metered Transportation volumes and class type are listed on page 2. Monthly Metered Transportation Aggregation/SATC volumes and class type are listed on pages 3 and 4. The current base rates for Transportation Service for National Fuel Gas Distribution Corporation are shown on pages 5 through 6 extracted from Distribution's Tariff Gas - Pa. P.U.C. No. 9.

NATIONAL FUEL GAS DISTRIBUTION CORPORATION
PENNSYLVANIA DIVISION
TRANSPORTATION (CUSTOMER-OWNED GAS) SERVICE
VOLUMES IN MCF

Daily Metered Transportation Volumes

Commercial	Service Class Description	2023/12 Dec-23	2024/01 Jan-24	2024/02 Feb-24	2024/03 Mar-24	2024/04 Apr-24	2024/05 May-24	2024/06 Jun-24	2024/07 Jul-24	2024/08 Aug-24	2024/09 Sep-24	2024/10 Oct-24	2024/11 Nov-24	Total
	Large Com/Pub Authority - DMT	70,885.8	71,078.2	83,436.9	72,984.1	70,131.1	60,798.6	51,529.1	44,409.5	40,146.6	44,647.3	47,939.9	55,210.5	713,197.6
	# of Customers at Nov 2024	12												

Industrial	Service Class Description	Dec-23	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Total
	Intermediate Volume Industrial Service - DMT	70,688.2	70,089.1	88,198.9	79,790.6	63,742.2	59,344.5	42,452.8	36,881.0	36,320.5	38,541.4	37,967.3	49,449.2	673,465.7
	Large Com/Pub Authority - DMT	0	0	0	0	0	0	0	0	0	0	0	0	0
	Large Volume Industrial Service - DMT	289,310.6	170,616.5	243,017.4	175,316.9	211,824.0	231,723.5	147,750.0	117,069.6	108,791.8	112,450.2	118,195.4	138,522.8	2,064,688.7
	Large Volume Industrial Service - DMT Flex	0	37,748.5	0	0	0	0	0	0	0	0	0	0	37,748.5
	Large Industrial Service - DMT	335,923.8	325,512.9	406,715.1	360,513.1	344,804.1	309,031.3	255,981.0	224,252.0	234,763.0	234,006.0	224,392.0	255,936.4	3,511,830.7
	Large Industrial Service - DMT Flex	389,714.0	436,816.0	505,856.0	489,927.0	478,413.0	473,181.2	401,818.4	535,920.6	497,773.9	590,813.8	587,208.6	606,267.8	5,993,710.3
	Large Manufacturing Service - DMT Flex	162,966.6	196,206.9	202,835.2	190,156.4	133,280.9	165,046.4	259,392.6	-129,696.3	0	0	0	0	1,180,190.7
	Large Manufacturing Service - DMT	0	0	0	0	0	0	0	0	0	0	0	0	0
	DMT LMTS	0	0	0	0	0	0	0	0	0	0	0	0	0
	Total Industrial DMT	1,248,603.2	1,236,991.9	1,446,622.6	1,295,704.0	1,232,064.2	1,238,326.9	1,107,394.8	784,426.9	877,649.2	975,811.4	967,763.3	1,050,176.2	13,481,534.6
	# of Customers at Nov 2024	63												

Public Authority	Service Class Description	Dec-23	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Total
	Large Com/Pub Authority - DMT	21,006.5	22,236.0	23,738.7	23,648.3	20,730.8	15,780.0	3,331.0	7,019.1	6,644.1	6,952.9	7,039.1	12,488.8	170,615.3
	# of Customers at Nov 2024	2												

Total Daily Metered Transportation Volumes		1,340,495.5	1,330,306.1	1,553,798.2	1,392,336.4	1,322,926.1	1,314,905.5	1,162,254.9	835,855.5	924,439.9	1,027,411.6	1,022,742.3	1,117,875.5	14,345,347.5
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NATIONAL FUEL GAS DISTRIBUTION CORPORATION
PENNSYLVANIA DIVISION
TRANSPORTATION (CUSTOMER-OWNED GAS) SERVICE
VOLUMES IN MCF

Description	# of Customers at Nov 2024	Dec-23	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Total
Residential														
Residential	494	13,751.8	17,476.8	18,948.6	15,109.7	12,919.2	5,735.8	2,213.0	1,257.5	1,119.2	1,386.4	2,177.2	6,003.8	96,099.0
Small Com/Pub Auth <250 Mcf/Year	13	127.4	145.2	202.0	114.4	91.6	46.6	84.0	39.5	57.0	43.5	82.1	131.2	1,164.5
Small Com/Pub Auth 250-1000 Mcf/Year	29	1,404.3	1,336.2	1,428.6	1,081.6	1,042.8	503.2	550.0	327.2	416.2	289.0	727.2	929.0	10,035.3
Large Com/Public Authority	26	12,349.7	14,737.7	19,017.7	15,370.1	13,728.3	9,364.8	4,631.9	3,447.7	2,923.6	2,734.3	3,066.6	6,599.1	107,971.5
Total Residential MWNGS	562	27,633.2	33,695.9	39,596.9	31,675.8	27,781.9	15,650.4	7,478.9	5,071.9	4,516.0	4,453.2	6,053.1	13,663.1	217,270.3
SATC Residential	17,377	195,653.0	245,030.3	241,853.3	191,872.9	171,574.9	77,532.5	39,113.3	27,331.8	24,969.1	29,102.5	45,572.6	96,969.3	1,386,575.5
SATC Residential - E	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Small Com/Pub Auth <250 Mcf/Year	1	14.3	23.8	27.6	33.9	22.3	25.3	14.2	9.1	6.6	5.2	6.5	5.1	193.9
Small Com/Pub Auth 250-1000 Mcf/Year	1	51.3	60.9	67.5	82.9	58.1	23.1	10.6	6.5	4.7	5.9	6.0	25.8	403.3
Total Residential SATC	17,379	195,718.6	245,115.0	241,948.4	191,989.7	171,655.3	77,580.9	39,138.1	27,347.4	24,980.4	29,113.6	45,585.1	97,000.2	1,387,172.7
Total Residential	17,941	223,351.8	278,810.9	281,545.3	223,665.5	199,437.2	93,231.3	46,617.0	32,419.3	29,496.4	33,566.8	51,638.2	110,663.3	1,604,443.0
Commercial														
Residential	5	93.5	111.0	93.9	70.2	74.3	50.2	15.2	41.9	10.1	35.8	16.3	51.0	663.4
Small Com/Pub Auth <250 Mcf/Year	999	15,339.5	21,829.6	23,302.9	18,030.9	15,293.9	5,526.6	2,139.3	1,669.2	1,407.1	1,681.6	2,677.1	7,314.5	116,212.2
Small Com/Pub Auth 250-1000 Mcf/Year	1,075	72,587.5	95,128.1	97,828.8	78,589.7	67,911.5	31,230.3	16,921.9	13,170.4	11,678.4	13,877.4	18,115.8	35,156.3	552,196.1
Large Com/Public Authority	726	287,356.7	344,186.6	402,793.0	326,219.8	286,260.9	185,058.3	105,043.2	81,507.4	75,630.6	84,130.4	92,941.0	174,339.4	2,445,467.3
Total Commercial MWNGS	2,805	375,377.2	461,255.3	524,018.6	422,910.6	369,540.6	221,865.4	124,119.6	96,388.9	88,726.2	99,725.2	113,750.2	216,861.2	3,114,539.0
SATC Residential	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SATC Small Com/Pub Auth <250 Mcf/Year	741	11,099.1	15,069.4	15,865.2	12,254.3	10,212.8	3,714.8	1,635.2	1,055.9	895.5	1,079.0	1,699.9	4,475.8	79,056.9
SATC Small Com/Pub Auth 250-1000 Mcf/Year	308	18,769.0	24,233.2	24,614.3	19,341.2	16,941.4	7,548.8	4,574.8	3,528.9	3,415.9	3,695.9	4,814.3	8,879.4	140,357.1
SATC Large Com/Public Authority	48	9,643.6	12,356.8	11,674.8	8,922.8	8,697.3	4,700.4	3,458.9	2,613.7	2,591.5	2,815.1	3,207.3	6,053.8	76,736.0
Total Commercial SATC	1,097	39,511.7	51,659.4	52,154.3	40,518.3	35,851.5	15,964.0	9,668.9	7,198.5	6,902.9	7,590.0	9,721.5	19,409.0	296,150.0
Total Commercial	3,902	414,888.9	512,914.7	576,172.9	463,428.9	405,392.1	237,829.4	133,788.5	103,587.4	95,629.1	107,315.2	123,471.7	236,270.2	3,410,689.0

NATIONAL FUEL GAS DISTRIBUTION CORPORATION
PENNSYLVANIA DIVISION
TRANSPORTATION (CUSTOMER-OWNED GAS) SERVICE
VOLUMES IN MCF

Monthly Metered Transportation Volumes		# of Customers at Nov 2024	Dec-23	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Total
Industrial	Small Volume Industrial Service	65	3,925.9	5,771.0	5,945.2	4,892.2	3,911.0	1,456.0	438.4	294.9	208.8	304.0	678.4	2,900.4	30,756.2
	Intermediate Volume Industrial Service	263	231,189.3	269,881.6	310,005.4	268,462.3	243,599.1	169,447.5	126,326.8	107,668.0	98,496.5	105,906.0	114,397.8	147,646.4	2,193,026.7
	Large Industrial Service	1	27,499.0	24,331.0	34,208.0	33,146.0	33,345.0	15,032.0	23,379.0	27,658.0	28,632.0	26,651.0	30,946.0	30,426.0	335,253.0
	Large Volume Industrial Service	8	85,017.8	37,555.0	40,231.0	39,309.0	41,032.0	35,499.0	38,723.0	37,663.0	37,663.0	40,527.0	43,326.0	35,246.0	44,091.0
Total Industrial MWINGS	337	347,632.0	337,538.6	390,389.6	345,809.5	321,887.1	221,434.5	188,867.2	172,863.9	167,864.3	176,187.0	181,268.2	225,093.8	3,076,655.7	
Total Industrial SATC	SATC Small Volume Industrial Service	10	800.4	1,424.0	948.5	632.5	518.8	160.2	10.1	51.8	-18.4	54.2	3.6	103.1	4,688.8
	SATC Intermediate Volume Industrial Service	3	1,622.3	1,858.5	1,672.4	1,472.3	873.0	411.4	36.5	59.3	0.6	39.4	18.0	226.4	8,290.1
		13	2,422.7	3,282.5	2,620.9	2,104.8	1,391.8	571.6	46.6	111.1	-17.8	93.6	21.6	329.5	12,978.9
Total Industrial		350	350,054.7	340,821.1	393,010.5	347,914.3	323,278.9	222,006.1	188,913.8	172,795.0	167,846.5	176,280.6	181,289.8	225,423.3	3,089,634.6
Public Authority	Small Com/Pub Auth <250 Mcf/Year	156	2,569.9	3,664.4	3,676.1	2,738.3	2,087.5	824.2	451.9	260.2	112.2	297.5	496.6	1,111.4	18,290.2
	Small Com/Pub Auth 250-1000 Mcf/Year	150	9,896.0	12,487.5	13,919.1	10,563.9	9,256.3	3,635.4	1,466.4	815.4	650.7	740.0	1,157.8	3,866.3	68,454.8
	Large Com/Public Authority	255	188,628.8	221,121.3	276,612.6	223,104.5	198,098.6	128,781.5	60,526.0	38,897.0	31,936.9	36,723.0	43,721.3	96,138.8	1,544,288.3
	Large Com/Public Authority - E	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Public Authority MWINGS	561	201,092.7	237,273.2	294,207.8	236,406.7	209,442.4	133,241.1	62,444.3	39,972.6	32,869.8	37,760.5	45,375.7	101,116.5	1,631,033.3	
Total Public Authority SATC	SATC Small Com/Pub Auth <250 Mcf/Year	22	456.9	550.2	658.6	489.1	427.9	141.7	42.1	13.3	10.7	14.7	44.7	127.6	2,977.5
	SATC Small Com/Pub Auth 250-1000 Mcf/Year	20	1,246.2	1,718.1	1,638.4	1,310.2	1,085.5	363.8	174.7	283.0	143.0	89.6	154.0	490.4	8,696.9
	SATC Large Com/Public Authority	3	325.5	489.8	581.3	495.4	397.7	183.8	89.0	65.3	65.6	76.3	76.3	129.2	2,954.0
		45	2,028.6	2,758.1	2,878.3	2,294.7	1,911.1	689.3	305.8	219.3	219.3	159.4	275.0	747.2	14,628.4
Total Public Authority	606	203,121.3	240,031.3	297,086.1	238,701.4	211,353.5	133,930.4	62,750.1	40,334.2	32,919.1	37,919.9	45,650.7	101,863.7	1,645,661.7	
Total MWINGS/SATC	22,799	1,191,416.7	1,372,578.0	1,547,814.8	1,273,710.1	1,139,461.7	686,997.2	432,069.4	349,135.9	325,691.1	355,082.5	402,050.4	674,220.5	9,750,428.3	
Grand Total MWINGS/SATC & DMT	22,876	2,531,912.2	2,702,884.1	3,101,613.0	2,666,046.5	2,462,387.8	2,001,902.7	1,594,324.3	1,184,991.4	1,250,331.0	1,382,494.1	1,424,792.7	1,792,096.0	24,095,775.8	

National Fuel Gas Distribution Corporation
Pennsylvania Division
Current Rates

Monthly Metered Transportation Service

Daily Metered Transportation Service

Monthly Rates per Mcf:

Monthly Rates per Mcf:

Residential	\$3.4311	Residential	\$2.9611
Small Com/Pub <250 Mcf per year	\$2.7694	Small Com/Pub <250 Mcf per year	\$2.2994
Small Com/Pub 250-1000 Mcf per year	\$2.5255	Small Com/Pub 250-1000 Mcf per year	\$2.0555
Large Com/Pub Authority	\$2.1322	Large Com/Pub Authority	\$1.6622
Small Volume Industrial Service	\$2.5422	Small Volume Industrial Service	\$2.0722
Intermediate Volume Industrial Service	\$1.8047	Intermediate Volume Industrial Service	\$1.3347
Large Volume Industrial Service	\$1.4943	Large Volume Industrial Service	\$1.0243
Large Industrial Service	\$1.0693	Large Industrial Service	\$0.5993
		Large Manufacturing Service	\$0.5993

RATE SCHEDULE SATC

National Fuel Gas Distribution Corporation
Pennsylvania Division
Current Rates

Small Aggregation Transportation Customer (SATC) Service

Residential:

Basic Service Charge	\$14.00
Per Mcf	\$3.3287

Small Com/Pub Authority (< 250 Mcf per year):

Basic Service Charge	\$27.00
Per Mcf	\$2.6670

Small Com/Pub Authority (250-1000 Mcf per year):

Basic Service Charge	\$37.00
Per Mcf	\$2.4231

Large Commercial/Public Authority:

Basic Service Charge	\$151.00
Per Mcf	\$2.0298

Small Volume Industrial Service:

Basic Service Charge	\$82.00
Per Mcf	\$2.4398

Intermediate Volume Industrial Service:

Basic Service Charge	\$252.00
Per Mcf	\$1.7023

NATIONAL FUEL GAS DISTRIBUTION CORPORATION

53.64 (c) (10) A schematic system map, locating and identifying by name, pressure and capacity all interstate or intrastate transmission pipeline connections, compressor stations, utility transmission or distribution mains 6 inches or larger in size, storage facilities, including maximum daily injection and withdrawal rates, production fields and individual industrial or transportation customers which represents 5% or more of total system throughput in a month. Each customer or account shall be identified solely by a unique alphanumeric code, the key to which may be provided subject to §5.423.

In order to show all Distribution's Pennsylvania Division pipelines that are 6" and larger, Distribution would have to provide its detailed operating maps, which exceed 4,000 sheets.

Upon request, Distribution will provide an oversized schematic map of the National Fuel Gas System that shows the locations and diameter sizes of certain National Fuel Gas Supply Corporation ("Supply"), Distribution and upstream pipeline major transmission lines, and Distribution's major market areas.

Listed below are select supporting sheets from Supply's FERC Gas Tariff under Rate Schedule EFT that identify (1) pressure and capacities at Supply pipeline connections, (2) pressures at Supply's delivery points to Distribution and (3) storage injection and withdrawal levels for Supply's storages. These tariff sheets can be accessed through Supply's website.

<https://informationalpostings.natfuel.com/supply/docs/SupplyTariff.pdf#titlesheet>

Part 6 – Rate Schedules, Schedule 6.030: EFT Rate Schedule

§ 1 – Availability

§ 2 – Applicability and Character of Service

§ 3 – Rate

§ 4 – Operating Protocol for EFT Service

§ 5 – General Terms & Conditions

Distribution had five customers that represented 5% or more of Distribution's Pennsylvania Division throughput in a month.

(BEGIN CONFIDENTIAL PORTION)

(END CONFIDENTIAL PORTION)

Explanation of Rate Allocation and
Rate Structure Changes

National Fuel Gas Distribution Corporation (“Distribution”) has implemented a system wide customer choice program and has updated purchased gas cost charges associated with that program in addition to the modifications to Distribution’s Monthly Metered Transportation (“MMT”) and Daily Metered Transportation (“DMT”) rates to reflect the Federal Energy Regulatory Commission’s Order 636 as detailed in PGC Exhibit No. 24.

On October 30, 1998, Distribution filed its system wide customer choice program, which made aggregated transportation services available to all of Distribution’s small volume customers. The Commission permitted Distribution’s system wide customer choice program to become effective March 4, 1999. Distribution has been providing all customers with the opportunity to choose an alternative natural gas supplier (“NGS”) since April 1, 1999. Under Distribution’s system wide choice program, qualified NGSs other than Distribution are able to serve the aggregated gas supply requirements of their customers. Retail customers receive transportation service under Distribution’s Small Aggregation Transportation Customer Service (“Rate Schedule SATC”). NGSs are required to qualify for service under Distribution’s Small Aggregation Transportation Supplier Service (“Rate Schedule SATS”).

On October 1, 1999, Distribution filed its Restructuring Filing in compliance with the Natural Gas Choice and Competition Act (“Act”). 66 Pa. C.S. §§ 2201-12. In that filing Distribution proposed, among other things, modifications to the upstream capacity allocations associated with the system wide choice program. On June 8, 2000 the Commission adopted an Order in Distribution’s Restructuring proceeding. This filing reflects the changes to SATC and SATS service approved by the Commission in Distribution’s Restructuring proceeding. This filing also reflects the changes in Distribution’s Pennsylvania Division’s upstream capacity as explained in Distribution’s “Petition for Approval of Amendment to Reliability Plan and Approval of Contract for Storage Capacity” filed with the Commission on September 8, 2000. Specifically, the following capacity allocations were utilized in determining the purchased gas costs to include in SATC rates.

<u>Percent of NGS Peak Day Peak Day Delivery Requirements Met by Upstream Capacity</u>	<u>Capacity</u>
1. 52%	National Fuel Gas Supply Corporation (“NFGSC”) storage and associated transmission released to NGS

2. 48% Mandatory release of upstream capacity

On June 29, 2010 the Commission approved the Purchase of Receivable Program. The Company will purchase NGSs account receivables for SATC customers with annual consumption less than 1,000 Mcf per year. The Company also established the Merchant Function Charge which unbundles the uncollectible cost component associated with purchased gas costs from delivery charges and includes such uncollectible cost recovery from the Natural Gas Supply and Gas Adjustment Charge gas cost rates.

On November 9, 2012, Distribution filed a revision to Tariff Gas – Pa. P.U.C. No. 9 (R-2012-2333775) proposing to unbundle natural gas procurement costs from the Company’s distribution rates and recover these costs through a Gas Procurement Charge (“GPC”) that are to be included in the Company’s Price To Compare. The parties in this proceeding agreed to a settlement which set the GPC at \$0.1050 / Mcf. The settlement was approved by the Commission at the Public Meeting held on May 23, 2013 and the tariff became effective June 1, 2013.

On March 2, 2017, Distribution filed Supplement No. 184 to Tariff Gas - Pa. P.U.C. No. 9 to comply with Act 47 of the Public Utility Code (66 PA. C. S.) which allowed for elimination of the migration rider. The tariff language was revised so the E-factor is only applicable to sales customers. On March 17, 2017, the Secretary sent Distribution a letter stating that Commission Staff reviewed the tariff revisions and found that suspension or further investigation does not appear warranted at this time. The tariff became effective on May 1, 2017.

PGC Exhibit No. 13A provides the calculation of the purchased gas costs associated with temperature swing and peaking capacity that are included in SATC rates.

National Fuel Gas Distribution Corporation
 Pennsylvania Division
 Computation of Purchased Cost
 Of Gas Transported Under the Rate Schedule
 Small Aggregation Transportation Customer Service
 On or After Aug 1, 2025

PGC Exhibit No. 13A
 Page 1
 Prefiling

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)
Temperature Swing/Peaking Capacity Costs						
NFGSC EFT Capacity for Temperature Swing/Peaking	1/	64,108	12	769,296.0	\$ 6.9865	\$ 5,374,687
NFGSC ESS Delivery Costs for Temperature Swing/Peaking	1/	53,442	12	641,304.0	\$ 3.2263	\$ 2,069,039
NFGSC ESS Capacity Costs for Temperature Swing/Peaking	2/	2,494,566	12	29,934,791.5	\$ 0.0589	\$ 1,763,159
NFGSC FSS Delivery Costs for Temperature Swing/Peaking		10,666	12	127,992.0	\$ 3.1020	\$ 397,031
NFGSC FSS Capacity Costs for Temperature Swing/Peaking		200,000	12	2,400,000.0	\$ 0.0563	<u>\$ 135,120</u>
Total Temperature Swing/Peaking Costs						\$ 9,739,036
Total Distribution Charge Costs						\$ 9,739,036
Volumes (Mcf)						
SATC Volumes						1,793,197
Sales Volumes						<u>20,834,971</u>
Total Volumes						<u>22,628,168</u>
Distribution Charge Gas Cost (\$/Mcf)						<u>\$ 0.4304</u>

1/ Includes 19,252 Dth of Contingency Capacity

2/ Includes 898,645 Dth of Contingency Capacity

3/ MSQ divided by NFGSC ESS G00539 Dth per day

National Fuel Gas Distribution Corporation
Pennsylvania Division

53.64 (c) (12) – Five Year Consecutive Three Day Peak Data by Customer Class

A schedule depicting the most recent five year consecutive three day peak data by customer class (or such other historic peak day data as is actually utilized for system planning), daily volumetric throughput by customer class (including end-user transportation throughput), gas interruptions and high, low and average temperature during each day.

Page 2 of this Exhibit provides consecutive three day peak day throughput data (retail sales and transportation service), allocated by customer class, for the most recent five years. National Fuel Gas Distribution Corporation's Pennsylvania Division has not had any gas interruptions during the most recent five years.

In addition, the high, low and average temperatures for each of the three days are shown.

**NATIONAL FUEL GAS DISTRIBUTION CORPORATION
PENNSYLVANIA DIVISION
FIVE YEAR CONSECUTIVE THREE DAY PEAK DATA BY CUSTOMER CLASS
VOLUMES IN MCF**

	Residential	Commercial	Industrial	Pub Auth	Total	High Temp	Low Temp	Avg Temp	Gas Interruptions
NOV-OCT 2023-2024									
January 15, 2024	140,797	55,898	75,311	16,826	288,832	18	7	13	0
January 16, 2024	154,243	60,978	81,813	18,465	315,498	19	11	15	0
January 17, 2024	145,024	57,419	83,964	17,374	303,782	22	6	14	0
NOV-OCT 2022-2023									
December 23, 2023	181,715	70,695	83,204	23,516	359,130	42	-2	20	0
December 24, 2023	164,952	64,058	78,517	21,376	328,902	12	0	6	0
December 25, 2023	159,724	62,078	61,099	20,697	303,598	15	12	14	0
NOV-OCT 2021-2022									
January 26, 2022	159,705	60,375	80,563	19,617	320,259	19	6	13	0
January 27, 2022	132,456	50,339	74,014	16,353	273,162	28	5	17	0
January 28, 2022	144,252	54,618	76,378	17,748	292,996	29	13	21	0
NOV-OCT 2020-2021									
February 7, 2021	130,601	50,804	64,093	15,280	260,778	23	16	20	0
February 8, 2021	126,707	49,372	68,594	14,877	259,549	24	13	19	0
February 9, 2021	139,433	53,957	72,129	16,264	281,784	25	20	23	0
NOV-OCT 2019-2020									
January 19, 2020	132,442	47,681	66,678	15,860	262,662	34	22	28	0
January 20, 2020	126,275	45,744	74,897	15,112	262,029	26	20	23	0
January 21, 2020	134,181	48,399	79,822	16,058	278,460	27	20	24	0

National Fuel Gas Distribution Corporation
Pennsylvania Division

53.64 (c) (13) – Peak Day Methodology to Meet Future Demands

Identification and support for any design peak day methodology utilized to project future gas demands and any studies supporting the validity of such methodology.

National Fuel Gas Distribution Corporation's ("Distribution" or the "Company") projected 2026 design peak day gas demands under an extreme temperature scenario can be found on page 3. Detailed calculations and additional supporting documentation can be found on pages 4 through 17.

A design peak day analysis is performed by Distribution for capacity planning purposes and to allocate costs to customer classes. The use of the term "design peak day," by Distribution, refers to a calculated level of gas usage, based on the day in a winter season that has the highest number of degree days (i.e., the day with the lowest average temperature for which Distribution plans gas supplies and pipeline capacity). A peak day, in contrast, is the historical day of greatest gas usage in a winter period, which may not have occurred on the coldest day of the year. The peak may not occur on the coldest day of the year for several reasons (e.g., if the coldest day was not a business day and many businesses were not operating, the peak day might not be the coldest day).

Data based on 74 heating degree days is provided (page 17) since this was used for design peak day planning purposes. Based on the experience of the most recent 30 years, the Pennsylvania Division has experienced extreme heating degree days of 71. Therefore, it is realistic to expect similar extreme days to occur in the future.

Pages 4 through 12 represent the work papers used to compute the design peak day requirements. For the residential, commercial and public authority heat sensitive classes (both retail sales and transportation service), Distribution utilizes a method of extracting a base load volume and computing a daily heating volume for the temperature used in the design peak day analysis (74 degree days). Industrial classes are not generally sensitive to temperature, therefore, the design peak day sales are computed based on an operating schedule approach. For Small and Intermediate Volume Industrial Service, Distribution utilizes an operating schedule of 21 working days in a month. For Large Volume Industrial Service, Large Industrial Service, and Daily Metered Large Manufacturing Transportation Service, Distribution utilizes the actual operating schedule of each individual company (actual operating schedules are shown on pages 11 and 12 of this Exhibit).

The following examples are provided to illustrate the mechanics of the operating schedule calculations described above:

- Customer 27 on page 11 of this Exhibit operates 24 hours per day, 7 days per week. Customer 27's peak day consumption of 206 Mcf is equal to 6,385 Mcf of monthly consumption divided by an operating schedule factor of 31 days. The operating schedule factor is calculated by multiplying 7 days per week by 4.429 weeks. 4.429 weeks is calculated as 31 days divided by 7 days in a week.
- Customer 13 on page 12 of this Exhibit operates 24 hours per day, 6 days per week. Customer 13's peak day consumption of 842 Mcf is equal to 22,371 Mcf of monthly consumption divided by an operating schedule factor of 26.574 days. The operating schedule factor is calculated by multiplying 6 days per week by 4.429 weeks. 4.429 weeks is calculated as 31 days divided by 7 days in a week.

Page 9 provides the monthly gas requirements used to develop the design peak day and page 10 provides winter retail requirements for 2025-2026. The methodology employed to project gas requirements is similar to the methodology used in Distribution's last base rate proceeding, at docket number R-2022-3035730.

Econometric modeling results are also provided in this Exhibit, at the following page numbers:

- Residential – Pages 13 and 15
- Commercial – Pages 13 and 15
- Industrial – Pages 14 and 16
- Public Authority – Pages 14 and 16

As described above, page 17 of this Exhibit provides actual heating degree days for the most recent 30-year period.

National Fuel Gas Distribution Corporation
Pennsylvania Division
Projected Volumes in Mcf
Shrinkage

2026

74 DD
Base Case
Peak Day
Jan 2026

Retail Sales	
Residential	212,820
Commercial	37,130
Industrial	1,774
Public Authority	2,718
Subtotal Retail Sales	254,442
Company Use	79
Total Retail Sales	254,521
Retail Sales Shrinkage	382
Total Retail Sales Requirements	254,903

Transportation Service	
Residential MMT Transportation	4,196
Commercial MMT Transportation	43,786
Industrial MMT Transportation	27,510
Public Authority MMT Transportation	22,168
Total MMT Service	97,660
MMT Service Shrinkage	147
Total MMT Service Requirements	97,807

Residential SATC Transportation	18,300
Commercial SATC Transportation	3,266
Industrial SATC Transportation	80
Public Authority SATC Transportation	252
Total SATC Service	21,898
SATC Service Shrinkage	33
Total SATC Service Requirements	21,931

Residential DMT Transportation	0
Commercial DMT Transportation	3,287
Industrial DMT Transportation	43,149
Public Authority DMT Transportation	2,345
Total DMT Service	48,781
DMT Service Shrinkage	73
Total DMT Service Requirements	48,854
Total DMT Service Requirements (Dth - 1.049 Btu)	51,248

Residential Transportation Service	22,496
Commercial Transportation Service	50,339
Industrial Transportation Service	70,739
Public Authority Transportation Service	24,765
Total Transportation Service	168,339
Total Transportation Shrinkage	253
Total Transportation Requirements	168,592

Total Requirements	423,495
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NATIONAL FUEL GAS DISTRIBUTION CORPORATION 2024 Master Estimate

DIVISION: PENNSYLVANIA

PEAK DAY USED FOR CAPACITY ALLOCATION

WINTER PERIOD

VOLUMES IN MCF

Shrinkage

FY 2026						
	0.15%					
	NOAA					
	2006 - 2020					
				BASE		BASE
JANUARY NORMAL DEGREE DAYS =	1,116			CASE		CASE
				2024		2024
				62		74
Retail Sales	Jan-25	Jul-25	Aug-25	DEG DAYS		DEG DAYS
Residential	3,370,130	312,692	312,692	179,944		212,820
Commercial	587,981	54,555	54,555	31,395	Divided by 21 days	37,130
Industrial	37,261			1,774		1,774
Public Authority	43,036	3,993	3,993	2,298	Divided by 31 days	2,718
Company Use	2,446			79		79
Total Retail Sales	4,040,854			215,490		254,521
Total Retail Sales Shrinkage	6,070			324		382
Total Retail Sales Requirements	4,046,924			215,814		254,903

NATIONAL FUEL GAS DISTRIBUTION CORPORATION 2024 Master Estimate
 DIVISION: PENNSYLVANIA
 PEAK DAY USED FOR CAPACITY ALLOCATION
 WINTER PERIOD
 VOLUMES IN MCF

		FY 2026				
Shrinkage		0.15%				
NOAA 2006 - 2020					BASE CASE 2024	BASE CASE 2024
JANUARY NORMAL DEGREE DAYS =		1,116			52	MMT
Residential					62	SATC
Transportation Service		Jan-25	Jul-25	Aug-25	DEG DAYS	DEG DAYS
Monthly Metered Transportation (MMT)						
Residential						
		38,048	3,530	3,530	1,722	2,403
Small Com/Pub Auth LL (<250 Mcf/Yr)		220	20	20	10	14
Small Com/Pub Auth UL (250-1,000 Mcf/Yr)		2,228	207	207	101	141
Large Commercial/Pub Authority		25,932	2,406	2,406	1,174	1,638
Residential MMT Service						
		66,428	6,163	6,163	3,007	4,196
Residential MMT Shrinkage						
		100	9	9	5	6
Residential MMT Requirements						
		66,528	6,172	6,172	3,012	4,202
Small Aggregation Transportation Customer (SATC)						
Residential SATC Service						
		289,744	26,883	26,883	15,471	18,297
Small Com/Pub Auth LL (<250 Mcf/Yr)		40	4	4	2	3
Residential SATC Service						
		289,784	26,887	26,887	15,473	18,300
Residential SATC Shrinkage						
		435	40	40	23	27
Residential SATC Requirements						
		290,219	26,927	26,927	15,496	18,327
Daily Metered Transportation (DMT)						
Residential DMT Service						
		0	0	0	0	0
Residential DMT Service						
		0	0	0	0	0
Residential DMT Shrinkage						
		0	0	0	0	0
Residential DMT Requirements						
		0	0	0	0	0
Summary:						
Residential Transportation Service						
		356,211	33,051	33,051	18,480	22,496
Residential Transportation Shrinkage						
		535	49	49	28	33
Residential Transportation Requirements						
		356,746	33,100	33,100	18,508	22,529

NATIONAL FUEL GAS DISTRIBUTION CORPORATION 2024 Master Estimate
 DIVISION: PENNSYLVANIA
 PEAK DAY USED FOR CAPACITY ALLOCATION
 WINTER PERIOD
 VOLUMES IN MCF

		FY 2026					
Shrinkage		0.15%					
NOAA 2006 - 2020							
JANUARY NORMAL DEGREE DAYS =		1,116		BASE CASE 2024		BASE CASE 2024	
				52 MMT 62 SATC		74	
Commercial Transportation Service		Jan-25	Jul-25	Aug-25	DEG DAYS	DEG DAYS	
Monthly Metered Transportation (MMT)							
Residential Sales Service		235	22	22	11	15	
Small Commercial LL (<250 Mcf/Yr)		31,590	2,931	2,931	1,430	1,995	
Small Commercial UL (250-1,000 Mcf/Yr)		130,708	12,128	12,128	5,916	8,254	
Large Commercial (>1,000 Mcf/Yr)		530,835	49,253	49,253	24,028	33,522	
Commercial MMT Service		693,367	64,333	64,333	31,385	43,786	
Commercial MMT Shrinkage		1,042	97	97	47	66	
Commercial MMT Requirements		694,409	64,430	64,430	31,432	43,852	
Small Aggregation Transportation Customer (SATC)							
Residential Sales Service		0	0	0	0	0	
Small Commercial LL (<250 Mcf/Yr)		14,078	1,306	1,306	752	889	
Small Commercial UL (250-1,000 Mcf/Yr)		23,499	2,180	2,180	1,255	1,484	
Large Commercial (>1,000 Mcf/Yr)		14,143	1,312	1,312	755	893	
Commercial SATC Service		51,721	4,799	4,799	2,762	3,266	
Commercial SATC Shrinkage		78	7	7	4	5	
Commercial SATC Requirements		51,799	4,806	4,806	2,766	3,271	
Daily Metered Transportation (DMT)							
Large Commercial (>1,000 Mcf/Yr) DMT		72,189	42,832	45,263	2,984	3,287	
Commercial DMT Service		72,189	42,832	45,263	2,984	3,287	
Commercial DMT Shrinkage		108	64	68	4	5	
Commercial DMT Requirements		72,297	42,896	45,331	2,988	3,292	
Summary:							
Commercial Transportation		817,277	111,964	114,395	37,131	50,339	
Commercial Transportation Shrinkage		1,228	168	172	55	76	
Commercial Transportation Requirements		818,505	112,132	114,567	37,186	50,415	

NATIONAL FUEL GAS DISTRIBUTION CORPORATION
DIVISION: PENNSYLVANIA
PEAK DAY USED FOR CAPACITY ALLOCATION
WINTER PERIOD
VOLUMES IN MCF

2024 Master Estimate

	FY 2026		
Shrinkage	0.15%		
		BASE CASE 2024 62 SATC	BASE CASE 2024 74
Industrial			
Transportation Service	Jan-25	DEG DAYS	DEG DAYS
Monthly Metered Transportation (MMT)			
Small Volume Industrial Service-SVIS	7,304	236	} 348 Divided by 21 days (assumes Peak Day is during work week)
Intermediate Volume Industrial Service-IVIS	473,461	15,314	
			} 22,606
Large Volume Industrial Service -LVIS	0	0	} 0 Divided by 31 days (assumes average day)
Large Volume Industrial Service -LVIS Load Balancing	44,038	2,254	
			} 2,254
Large Volume Industrial Service -LVIS	0	1,290	} 1,290 Large Vol Peak Day
Large Industrial Service -LIS	44,038	3,545	} 3,545
Industrial Monthly Metered Transportation MMT Service	0	0	0
Industrial MMT Shrinkage	32,732	1,012	1,012
Industrial MMT Service Requirements	557,535	20,106	27,510
Small Aggregation Transportation Customer (SATC)			
Small Volume Industrial Service-SVIS	0	0	} 0 Divided by 31 days
Intermediate Volume Industrial Service (IVIS)	0	0	
			} 0 Divided by 21 days
Industrial SATC	1,674	54	80
Industrial SATC Shrinkage	0	0	0
Industrial SATC Requirements	1,674	54	80
Daily Metered Transportation (DMT)			
Intermediate Volume Industrial Service-IVIS	0	0	} 0 Divided by 21 days
Large Volume Industrial Service -LVIS			
LVIS Daily Metered	0	0	} 0
LVIS Daily Metered Flex	0	0	
LVIS Daily Metered Transportation	232,127	7,957	} 7,957 Divided by 31 days
Large Industrial Service -LIS			} 0 Large Vol Peak Day
LIS Daily Metered	0	0	
LIS Daily Metered Flex Rate	0	0	} 0
LIS Daily Metered Transportation	402,755	11,998	} 11,998
Daily Metered Large Manufacturing Transportation Service - DMLMTS	1,164,524	33,233	} 33,233
Industrial DMT Service	0	0	0
Industrial DMT Shrinkage	0	0	0
Industrial DMT Requirements	1,453,864	43,149	43,149
Summary:			
Industrial Transportation	0	0	0
Industrial Transportation Shrinkage	0	0	0
Industrial Transportation Requirements	2,013,073	63,309	70,739

NATIONAL FUEL GAS DISTRIBUTION CORPORATION 2024 Master Estimate
DIVISION: PENNSYLVANIA
PEAK DAY USED FOR CAPACITY ALLOCATION

WINTER PERIOD

VOLUMES IN MCF

Shrinkage

		FY 2026				
NOAA 2006 - 2020					BASE	BASE
JANUARY NORMAL DEGREE DAYS =		1,116			CASE 2024	CASE 2024
Public Authority					52	MMT
Transportation Service					62	SATC
		Jan-25	Jul-25	Aug-25	DEG DAYS	DEG DAYS
Monthly Metered Transportation (MMT)						
Small Public Auth-LL (< 250 Mcf/Yr)		4,170	387	387	189	263
Small Public Auth-UL (250-1,000 Mcf/Yr)		16,997	1,577	1,577	769	1,073
Large Public Auth (>1,000 Mcf/Yr)		329,893	30,609	30,609	14,933	20,832
Public Authority MMT Service		351,060	32,573	32,573	15,891	22,168
Public Authority MMT Shrinkage		527	49	49	24	33
Public Authority MMT Requirements		351,587	32,622	32,622	15,915	22,201
Small Aggregation Transportation Customer (SATC)						
Small Public Auth-LL (< 250 Mcf/Yr)		834	77	77	45	53
Small Public Auth-UL (250-1,000 Mcf/Yr)		2,193	203	203	117	138
Large Public Authority (>1,000 Mcf/Yr)		969	90	90	52	61
Public Authority SATC Service		3,997	371	371	214	252
Public Authority SATC Shrinkage		6	1	1	0	0
Public Authority SATC Requirements		4,003	372	372	214	252
Daily Metered Transportation (DMT)						
Large Public Authority DMT Service		42,615	13,714	14,513	2,039	2,345
Large Public Authority DMT Service		42,615	13,714	14,513	2,039	2,345
Public Authority DMT Shrinkage		64	21	22	3	4
Public Authority DMT Requirements		42,679	13,735	14,535	2,042	2,349
Summary:						
Public Authority Transportation		397,671	46,657	47,456	18,144	24,765
Public Authority Transportation Shrinkage		597	71	72	27	37
Public Authority Transportation Requirements		398,268	46,728	47,528	18,171	24,802

National Fuel Gas Distribution Corporation
Pennsylvania Division
Projected Gas Requirements - Calendar Month
Volumes in Mcf

	Nov-25	Dec-25	Jan-26	Feb-26	Mar-26	Apr-26	May-26	Jun-26	Jul-26	Aug-26	Sep-26	Oct-26	Total
Retail Sales													
Residential	1,754,552	2,692,629	3,370,130	2,883,719	2,501,540	1,424,488	590,641	347,436	312,692	312,692	312,692	872,494	17,375,706
Commercial	306,114	469,779	587,981	503,118	436,440	248,528	103,048	60,617	54,555	54,555	54,555	151,976	3,031,265
Industrial	19,399	29,771	37,261	31,883	27,658	15,750	6,530	3,841	3,457	3,457	3,457	9,203	191,668
Public Authority	22,405	34,384	43,036	36,825	31,944	18,190	7,542	3,993	3,993	3,993	3,993	11,253	221,996
Subtotal Retail Sales	2,102,470	3,226,563	4,038,408	3,455,545	2,997,581	1,706,956	707,762	416,331	374,698	374,698	374,698	1,044,926	20,820,636
Company Use	791	791	1,717	2,446	2,518	2,288	1,447	715	202	97	87		13,890
Total Retail Sales	2,103,261	3,227,354	4,040,125	3,457,991	3,000,099	1,709,244	709,209	417,046	374,900	374,795	374,785	1,045,717	20,834,526
Retail Sales Shrinkage	3,160	4,848	6,069	5,195	4,507	2,568	1,065	627	563	563	563	1,571	31,299
Total Retail Sales Requirements	2,106,421	3,232,202	4,046,194	3,463,186	3,004,606	1,711,812	710,274	417,673	375,463	375,358	375,348	1,047,288	20,865,825
Transportation Service													
Residential MMT Transportation	34,584	53,074	66,428	56,840	49,307	28,078	11,642	6,848	6,163	6,163	6,163	17,386	342,677
Commercial MMT Transportation	360,980	553,979	693,367	593,294	514,664	293,073	121,518	71,481	64,333	64,333	64,333	179,836	3,575,191
Industrial MMT Transportation	312,608	448,594	545,479	471,402	424,748	272,417	158,208	117,756	112,781	113,308	114,867	194,844	3,287,012
Public Authority MMT Transportation	182,768	280,486	351,060	300,391	260,580	148,386	61,526	36,192	32,573	32,573	32,573	89,857	1,808,963
Total MMT Service	890,939	1,336,133	1,656,334	1,421,928	1,249,300	741,954	352,893	232,277	215,850	216,377	217,936	481,923	9,013,844
MMT Service Shrinkage	1,338	2,007	2,488	2,136	1,877	1,115	530	349	324	325	327	724	13,540
Total MMT Service Requirements	892,277	1,338,140	1,658,822	1,424,064	1,251,177	743,069	353,423	232,626	216,174	216,702	218,263	482,647	9,027,384
Residential SATC Transportation	150,867	231,528	289,784	247,959	215,097	122,486	50,787	29,875	26,887	26,887	26,887	71,655	1,490,698
Commercial SATC Transportation	26,927	41,323	51,721	44,256	38,391	21,861	9,064	5,332	4,799	4,799	4,799	11,498	264,769
Industrial SATC Transportation	858	1,319	1,649	1,411	1,224	697	289	170	153	153	153	430	8,504
Public Authority SATC Transportation	2,081	3,193	3,997	3,420	2,967	1,689	700	412	371	371	371	1,030	20,603
Total SATC Service	180,733	277,362	347,150	297,046	257,678	146,734	60,841	35,789	32,210	32,210	32,210	84,613	1,784,575
SATC Service Shrinkage													0
Total SATC Service Requirements	180,733	277,362	347,150	297,046	257,678	146,734	60,841	35,789	32,210	32,210	32,210	84,613	1,784,575
Residential DMT Transportation	0	0	0	0	0	0	0	0	0	0	0	0	0
Commercial DMT Transportation	57,115	65,411	69,747	72,189	66,068	58,972	50,097	46,277	42,783	42,832	45,263	57,032	673,787
Industrial DMT Transportation	1,130,282	1,305,187	1,254,434	1,453,864	1,346,822	1,367,734	1,143,173	1,022,578	1,128,485	1,111,109	1,166,468	1,212,427	14,642,560
Public Authority DMT Transportation	26,512	35,321	42,223	42,615	38,423	32,173	23,341	12,012	13,619	13,714	14,513	26,431	320,896
Total DMT Service	1,213,909	1,405,918	1,366,404	1,568,668	1,451,312	1,458,879	1,216,611	1,080,866	1,184,886	1,167,655	1,226,244	1,295,890	15,637,243
DMT Service Shrinkage	1,824	2,112	2,053	2,357	2,180	2,192	1,828	1,624	1,780	1,754	1,842	1,947	23,493
Total DMT Service Requirements	1,215,733	1,408,030	1,368,457	1,571,025	1,453,492	1,461,071	1,218,439	1,082,490	1,186,666	1,169,409	1,228,086	1,297,837	15,660,736
Residential Transportation Service	185,450	284,602	356,211	304,799	264,404	150,564	62,429	36,723	33,051	33,051	33,051	89,041	1,833,375
Commercial Transportation Service	445,022	660,713	814,835	709,739	619,123	373,906	180,680	123,090	111,915	111,964	114,395	248,366	4,513,747
Industrial Transportation Service	1,443,748	1,755,098	1,801,562	1,926,677	1,772,793	1,640,848	1,301,669	1,140,503	1,241,419	1,224,570	1,281,488	1,407,701	17,938,076
Public Authority Transportation Service	211,361	319,000	397,280	346,426	301,970	182,249	85,568	48,616	46,562	46,557	47,456	117,318	2,150,462
Total Transportation Service	2,285,581	3,019,413	3,369,888	3,287,642	2,958,290	2,347,566	1,630,346	1,348,389	1,432,946	1,416,242	1,476,389	1,862,426	26,435,661
Total Transportation Shrinkage	3,434	4,536	5,062	4,939	4,444	3,527	2,449	2,026	2,153	2,128	2,218	2,798	39,714
Total Transportation Requirements	4,574,596	6,043,363	6,744,838	6,580,222	5,921,024	4,698,659	3,263,140	2,699,890	2,868,046	2,834,611	2,954,996	3,727,650	26,475,375
Total Requirements	4,395,164	6,255,735	7,420,623	6,755,321	5,966,953	4,062,685	2,342,978	1,768,578	1,810,513	1,793,678	1,853,906	2,912,385	47,341,200

National Fuel Gas Distribution Corporation
Pennsylvania Division
Projected Retail Gas Requirements - Calendar Month
Volumes in Mcf

	WINTER PERIOD - CALENDAR MONTH					Total
	Nov-25	Dec-25	Jan-26	Feb-26	Mar-26	
Retail Sales						
Residential	1,754,552	2,692,629	3,370,130	2,883,719	2,501,540	13,202,570
Commercial	306,114	469,779	587,981	503,118	436,440	2,303,432
Industrial	19,399	29,771	37,261	31,883	27,658	145,972
Public Authority	22,405	34,384	43,036	36,825	31,944	168,595
Subtotal Retail Sales	2,102,470	3,226,563	4,038,408	3,455,545	2,997,581	15,820,568
Company Use	791	791	1,717	2,446	2,518	8,263
Total Retail Sales	2,103,261	3,227,354	4,040,125	3,457,991	3,000,099	15,828,831
Subtotal Retail Sales Shrinkage	3,160	4,848	6,069	5,195	4,507	23,779
Total Retail Sales Requirements	2,106,421	3,232,202	4,046,194	3,463,186	3,004,606	15,852,610

NFGDC - Pennsylvania Division
Volumes in Mcf
Consumption Month: January 2026

LIS CUSTOMERS

	Hours/Day	Days/Week
Customer 1	24.00	7.00
Customer 2	24.00	7.00
Customer 3	24.00	7.00
Customer 4	24.00	7.00
Customer 5	24.00	5.00
Customer 6	24.00	7.00
Customer 7	24.00	7.00
Customer 8	24.00	7.00
Customer 9	24.00	7.00
Customer 10	24.00	5.00
Customer 11	24.00	7.00
Customer 12	24.00	7.00
Customer 13	24.00	6.00
Customer 14	20.00	6.00
Customer 15	24.00	6.00
Customer 16	24.00	7.00
Customer 17	24.00	6.00
Customer 18	24.00	5.00
Total LIS		

	JANUARY 2026			TOTAL
	MMT	MMT Flex	DMT Flex	
Customer 1			106,279	106,279
Customer 2			90,000	90,000
Customer 3			16,725	16,725
Customer 4			80,000	80,000
Customer 5			55,670	55,670
Customer 6	31,366		33,741	31,366
Customer 7			12,956	12,956
Customer 8			33,591	33,591
Customer 9			21,258	21,258
Customer 10			33,530	33,530
Customer 11			156,428	156,428
Customer 12			22,371	22,371
Customer 13			23,565	23,565
Customer 14			45,141	45,141
Customer 15			146,940	146,940
Customer 16			50,352	50,352
Customer 17			29,894	29,894
Customer 18			608,165	608,165
Total LIS	31,366	0	350,274	989,805

	2026 PEAK DAY				TOTAL
	MMT	MMT Flex	DMT	DMT Flex	
Customer 1			3,428		3,428
Customer 2			2,903		2,903
Customer 3			540		540
Customer 4			2,581		2,581
Customer 5			2,514		2,514
Customer 6	1,012		1,088		1,012
Customer 7			419		419
Customer 8			1,084		1,084
Customer 9			960		960
Customer 10			1,082		1,082
Customer 11			6,129		6,129
Customer 12			842		842
Customer 13			1,039		1,039
Customer 14			1,806		1,806
Customer 15			3,548		3,548
Customer 16			1,895		1,895
Customer 17			1,350		1,350
Customer 18			20,146		20,146
Total LIS	1,012	0	13,062	20,146	34,220

DMLMTS CUSTOMERS

Hours/Day	Days/Week

	EXTREME PEAK DAY			TOTAL
	MMT	MMT Flex	DMT Flex	
	0	0	0	0
	0	0	0	0
	0	0	0	0

	EXTREME PEAK DAY				TOTAL
	MMT	MMT Flex	DMT	DMT Flex	
	0	0	0	0	0
	0	0	0	0	0
	0	0	0	0	0

Total DMLMTS

Actual Mcf/Account Forecasting - Regression Results

RES E & LIRA - Retail and Transportation

SUMMARY OUTPUT

<i>Regression Statistics</i>	
Multiple R	0.997554993
R Square	0.995115964
Adjusted R Square	0.994995371
Standard Error	0.414437493
Observations	84

ANOVA

	<i>df</i>	<i>SS</i>	<i>MS</i>	<i>F</i>	<i>Significance F</i>
Regression	2	2834.640423	1417.320211	8251.823018	2.48623E-94
Residual	81	13.91243327	0.171758435		
Total	83	2848.552856			

	<i>Coefficients</i>	<i>Standard Error</i>	<i>t Stat</i>	<i>P-value</i>	<i>Lower 95%</i>	<i>Upper 95%</i>	<i>Lower 95.0%</i>	<i>Upper 95.0%</i>
Intercept	3.704123216	0.579824103	6.388356741	9.93793E-09	2.550455129	4.857791303	2.550455129	4.857791303
Actual DD	0.014514844	0.000113391	128.0072044	2.93985E-95	0.014289232	0.014740456	0.014289232	0.014740456
Price	-0.29619602	0.071340542	-4.15186114	8.10432E-05	-0.438141324	-0.15425072	-0.438141324	-0.154250723

Non RES E & LIRA - Retail and Transportation

SUMMARY OUTPUT

<i>Regression Statistics</i>	
Multiple R	0.950658712
R Square	0.903751987
Adjusted R Square	0.901375493
Standard Error	24.9800434
Observations	84

ANOVA

	<i>df</i>	<i>SS</i>	<i>MS</i>	<i>F</i>	<i>Significance F</i>
Regression	2	474601.2623	237300.6311	380.2879078	6.71996E-42
Residual	81	50544.20803	624.0025683		
Total	83	525145.4703			

	<i>Coefficients</i>	<i>Standard Error</i>	<i>t Stat</i>	<i>P-value</i>	<i>Lower 95%</i>	<i>Upper 95%</i>	<i>Lower 95.0%</i>	<i>Upper 95.0%</i>
Intercept	-43.3913932	34.94865089	-1.24157563	0.217976482	-112.9282459	26.14545948	-112.9282459	26.14545948
Actual DD	0.188393064	0.006834585	27.56466954	6.47375E-43	0.174794385	0.201991743	0.174794385	0.201991743
Price	9.94719478	4.300020785	2.31328993	0.023243118	1.391502234	18.50288733	1.391502234	18.50288733

Commercial - Retail and Transportation

SUMMARY OUTPUT

<i>Regression Statistics</i>	
Multiple R	0.992081261
R Square	0.984225229
Adjusted R Square	0.983671728
Standard Error	3.227106067
Observations	60

ANOVA

	<i>df</i>	<i>SS</i>	<i>MS</i>	<i>F</i>	<i>Significance F</i>
Regression	2	37036.74089	18518.37044	1778.18232	4.38478E-52
Residual	57	593.6101733	10.41421357		
Total	59	37630.35106			

	<i>Coefficients</i>	<i>Standard Error</i>	<i>t Stat</i>	<i>P-value</i>	<i>Lower 95%</i>	<i>Upper 95%</i>	<i>Lower 95.0%</i>	<i>Upper 95.0%</i>
Intercept	84.54235341	35.40790173	2.387669115	0.020293332	13.6392532	155.4454536	13.6392532	155.4454536
Month	-0.00164226	0.000796637	-2.06149116	0.04382735	-0.003237498	-4.7022E-05	-0.003237498	-4.70221E-05
Actual DD	0.06349226	0.001078347	58.87926536	9.51139E-53	0.061332908	0.065651612	0.061332908	0.065651612

Industrial - Retail and Transportation
SUMMARY OUTPUT

<i>Regression Statistics</i>	
Multiple R	0.949233832
R Square	0.901044869
Adjusted R Square	0.899631224
Standard Error	58.70718993
Observations	72

ANOVA					
	<i>df</i>	<i>SS</i>	<i>MS</i>	<i>F</i>	<i>Significance F</i>
Regression	1	2196790.919	2196790.919	637.3913108	6.92067E-37
Residual	70	241257.3905	3446.53415		
Total	71	2438048.31			

	<i>Coefficients</i>	<i>Standard Error</i>	<i>t Stat</i>	<i>P-value</i>	<i>Lower 95%</i>	<i>Upper 95%</i>	<i>Lower 95.0%</i>	<i>Upper 95.0%</i>
Intercept	318.8425394	10.53317479	30.27031695	6.04788E-42	297.8347847	339.8502941	297.8347847	339.8502941
Actual DD	0.433103173	0.017154904	25.24660989	6.92067E-37	0.398888795	0.46731755	0.398888795	0.46731755

Public Authority - Retail and Transportation
SUMMARY OUTPUT

<i>Regression Statistics</i>	
Multiple R	0.97517143
R Square	0.950959319
Adjusted R Square	0.95011379
Standard Error	23.55266691
Observations	60

ANOVA					
	<i>df</i>	<i>SS</i>	<i>MS</i>	<i>F</i>	<i>Significance F</i>
Regression	1	623898.0333	623898.0333	1124.69156	1.13511E-39
Residual	58	32174.23089	554.7281187		
Total	59	656072.2641			

	<i>Coefficients</i>	<i>Standard Error</i>	<i>t Stat</i>	<i>P-value</i>	<i>Lower 95%</i>	<i>Upper 95%</i>	<i>Lower 95.0%</i>	<i>Upper 95.0%</i>
Intercept	40.9902896	4.660814645	8.794662032	2.89782E-12	31.66065543	50.31992377	31.66065543	50.31992377
Actual DD	0.261884515	0.007808958	33.5364214	1.13511E-39	0.246253187	0.277515843	0.246253187	0.277515843

Account Forecasting - Regression Results

RES E & LIRA - Retail and Transportation

SUMMARY OUTPUT

<i>Regression Statistics</i>	
Multiple R	0.797912
R Square	0.636664
Adjusted R Square	0.632233
Standard Error	2561.802
Observations	84

ANOVA

	<i>df</i>	<i>SS</i>	<i>MS</i>	<i>F</i>	<i>Significance F</i>
Regression	1	942990529.7	9.43E+08	143.6866109	1.02679E-19
Residual	82	538151905.3	6562828		
Total	83	1481142435			

	<i>Coefficients</i>	<i>Standard Error</i>	<i>t Stat</i>	<i>P-value</i>	<i>Lower 95%</i>	<i>Upper 95%</i>	<i>ower 95.0%</i>	<i>pper 95.0%</i>
Intercept	-25700.7	16667.7582	-1.54194	0.12693785	-58858.21902	7456.742	-58858.2	7456.742
Month	4.540366	0.378776223	11.98694	1.02679E-19	3.786859404	5.293873	3.786859	5.293873

Non RES E & LIRA - Retail and Transportation

SUMMARY OUTPUT

<i>Regression Statistics</i>	
Multiple R	0.906738
R Square	0.822174
Adjusted R Square	0.821175
Standard Error	11.92097
Observations	180

ANOVA

	<i>df</i>	<i>SS</i>	<i>MS</i>	<i>F</i>	<i>Significance F</i>
Regression	1	116953.0617	116953.1	822.9776753	1.16877E-68
Residual	178	25295.51604	142.1096		
Total	179	142248.5778			

	<i>Coefficients</i>	<i>Standard Error</i>	<i>t Stat</i>	<i>P-value</i>	<i>Lower 95%</i>	<i>Upper 95%</i>	<i>ower 95.0%</i>	<i>pper 95.0%</i>
Intercept	-611.897	23.91484241	-25.5865	1.55986E-61	-659.0896442	-564.703	-659.09	-564.703
Month of Year	0.016117	0.000561824	28.68759	1.16877E-68	0.015008673	0.017226	0.015009	0.017226

Commercial - Retail and Transportation

SUMMARY OUTPUT

<i>Regression Statistics</i>	
Multiple R	0.872
R Square	0.760385
Adjusted R Square	0.758941
Standard Error	197.0094
Observations	168

ANOVA

	<i>df</i>	<i>SS</i>	<i>MS</i>	<i>F</i>	<i>Significance F</i>
Regression	1	20445634.32	20445634	526.7769332	2.23677E-53
Residual	166	6442907.962	38812.7		
Total	167	26888542.28			

	<i>Coefficients</i>	<i>Standard Error</i>	<i>t Stat</i>	<i>P-value</i>	<i>Lower 95%</i>	<i>Upper 95%</i>	<i>ower 95.0%</i>	<i>pper 95.0%</i>
Intercept	4406.421	440.1521508	10.01113	9.39318E-19	3537.403015	5275.439	3537.403	5275.439
Month	0.236336	0.010297119	22.95162	2.23677E-53	0.21600539	0.256666	0.216005	0.256666

Industrial - Retail and Transportation

SUMMARY OUTPUT

<i>Regression Statistics</i>	
Multiple R	0.788461
R Square	0.621671
Adjusted R Square	0.619546
Standard Error	8.434088
Observations	180

ANOVA

	<i>df</i>	<i>SS</i>	<i>MS</i>	<i>F</i>	<i>Significance F</i>
Regression	1	20805.97706	20805.98	292.4905787	2.03344E-39
Residual	178	12661.82294	71.13384		
Total	179	33467.8			

	<i>Coefficients</i>	<i>Standard Error</i>	<i>t Stat</i>	<i>P-value</i>	<i>Lower 95%</i>	<i>Upper 95%</i>	<i>ower 95.0%</i>	<i>pper 95.0%</i>
Intercept	843.8011	16.91974719	49.87079	1.5485E-106	810.4119708	877.1902	810.412	877.1902
Month	-0.0068	0.00039749	-17.1024	2.03344E-39	-0.007582417	-0.00601	-0.00758	-0.00601

Public Authority - Retail and Transportation

SUMMARY OUTPUT

<i>Regression Statistics</i>	
Multiple R	0.727483
R Square	0.529231
Adjusted R Square	0.522506
Standard Error	21.67439
Observations	72

ANOVA

	<i>df</i>	<i>SS</i>	<i>MS</i>	<i>F</i>	<i>Significance F</i>
Regression	1	36968.34102	36968.34	78.6930377	4.56103E-13
Residual	70	32884.53398	469.7791		
Total	71	69852.875			

	<i>Coefficients</i>	<i>Standard Error</i>	<i>t Stat</i>	<i>P-value</i>	<i>Lower 95%</i>	<i>Upper 95%</i>	<i>ower 95.0%</i>	<i>pper 95.0%</i>
Intercept	-407.722	178.430702	-2.28504	0.025343839	-763.5909136	-51.8533	-763.591	-51.8533
Month	0.035823	0.004038249	8.87091	4.56103E-13	0.027768908	0.043877	0.027769	0.043877

**National Fuel Gas Distribution Corporation
Pennsylvania Division
Heating Degree Days**

YEAR	NOV - MAR HEATING SEASON	HEATING DEGREE DAYS	MEAN TEMPERATURE
1	1994 - 1995	57	8
2	1995 - 1996	64	1
3	1996 - 1997	61	4
4	1997 - 1998	45	20
5	1998 - 1999	56	9
6	1999 - 2000	54	11
7	2000 - 2001	53	12
8	2001 - 2002	47	18
9	2002 - 2003	59	6
10	2003 - 2004	58	7
11	2004 - 2005	62	3
12	2005 - 2006	50	15
13	2006 - 2007	60	5
14	2007 - 2008	56	9
15	2008 - 2009	64	1
16	2009 - 2010	55	10
17	2010 - 2011	59	6
18	2011 - 2012	51	14
19	2012 - 2013	54	11
20	2013 - 2014	68	-3
21	2014 - 2015	71	-6
22	2015 - 2016	54	11
23	2016 - 2017	52	13
24	2017 - 2018	58	7
25	2018 - 2019	63	2
26	2019 - 2020	51	14
27	2020 - 2021	49	16
28	2021 - 2022	56	9
29	2022 - 2023	59	6
30	2023 - 2024	52	13

National Fuel Gas Distribution Corporation
Pennsylvania Division

53.64 (c) (14) – Historic and Future Minimum Gas Entitlements

Analysis and data demonstrating on a historic and projected future basis the minimum gas entitlements needed to provide reliable and uninterrupted service to priority one customers during peak periods.

As defined in National Fuel Gas Distribution Corporation’s (“Distribution” or the “Company”) Tariff, the Priority 1 category is composed of residential and firm critical commercial and public authority essential human needs customers. Essential human needs use includes any buildings where persons normally dwell, including but not limited to: apartment houses, dormitories, hotels, hospitals and nursing homes. It also includes use from natural gas sewage plants.

Page 2 shows by North American Industry Classification System (“NAICS”) code, volumes for January 2024 for commercial and public authority Priority 1 customers. January 15, 2024 is the most recent historic peak day experienced since it was the day with the greatest gas usage, as described in greater detail in Exhibit 14. The average temperature for January 15, 2024 was 13 degrees Fahrenheit or 52 degree days (on a midnight to midnight basis). Historical residential peak day usage (140,797 Mcf) was calculated using the same methodology described in Exhibit 14. Historical commercial and public authority Priority 1 peak day usage (14,807 Mcf) was calculated by allocating commercial/public authority Priority 1 service on a monthly basis (20.36%) to the commercial/public authority peak day.

The peak day gas supply that was needed to meet the January 2023 peak day, as well as the projected peak day gas supply that will be needed for priority 1 customers, is shown below. It should be noted that the projection for January 2026 is based on the peak day calculation presented in Exhibit 15.

	Historic Jan 2024	Future Jan 2026
Residential	140,797	233,406
Commercial	<u>14,807</u>	<u>23,404</u>
Total	155,604 Mcf	256,810 Mcf

National Fuel Gas Distribution Corporation
Pennsylvania Division
Priority One Categories by NAICS Code
January 2024 Volumes in Mcf

<u>NAICS</u>	<u>CATEGORY NAME</u>	<u>CUST</u>	<u>MCF</u>
221310	Water Supply and Irrigation Systems	49	5677.2
221320	Sewage Treatment Facilities	49	9103.2
531110	Lessors of Residential Buildings and Dwellings	725	48206.1
562211	Hazardous Waste Treatment and Disposal	12	472
562212	Solid Waste Landfill	2	302.5
562213	Solid Waste Combustors and Incinerators	2	441.7
562920	Materials Recovery Facilities	2	56.3
621492	Kidney Dialysis Centers	8	560.5
621610	Home Health Care Services	27	449.8
622110	General Medical and Surgical Hospitals	109	96028
622210	Psychiatric and Substance Abuse Hospitals	10	338.5
622310	Specialty (except Psychiatric and Substance Abuse) Hospitals	5	2147.3
623110	Nursing Care Facilities (Skilled Nursing Facilities)	135	32353.4
623210	Residential Intellectual and Developmental Disabilities Facilities	60	2035.2
623220	Residential Mental Health and Substance Abuse Facilities	13	1700.6
623311	Continuing Care Retirement Communities	5	3925.6
623312	Assisted Living Facilities for the Elderly	14	4270
623990	Other Residential Care Facilities	15	1296.2
721110	Hotels (except Casino Hotels) and Motels	156	13431.3
721191	Bed-and-Breakfast Inns	3	150.4
721211	RV (Recreational Vehicle) Parks and Campgrounds	16	688.9
721214	Recreational and Vacation Camps (except Campgrounds)	10	841.4
721310	Rooming and Boarding Houses	15	22229.9
813110	Religious Organizations	424	41623.4
922120	Police Protection	24	1536.9
922140	Correctional Institutions	16	21851.3
922160	Fire Protection	161	8168.9
		<u>2,067</u>	<u>319,887</u>

NATIONAL FUEL GAS DISTRIBUTION CORPORATION

53.65 (1) Whenever a Section 1307(f) gas utility purchases gas, transportation or storage from an affiliated interest... it must ... file evidence to meet its burden pursuant to 66 Pa. C.S. Section 1317 (b). Such evidence ... shall include:

- (a) The costs of the affiliated gas, transportation or storage as compared to the average market price of other gas, transportation or storage and the price of other sources of gas, transportation or storage.

Attached hereto on pages 2 and 3 is the calculation of the average price charged by each of the upstream pipeline companies providing transportation or storage service to Distribution's Pennsylvania Division. Page 2 compares the average transportation cost by pipeline to Distribution's Pennsylvania Division for the timeframe December 2023 through November 2024. It is noted that services provided by the pipelines are not interchangeable. Some provide long distance transportation from distant sources of supply. Others provide services that are more regional in nature. National Fuel Gas Supply Corporation provides transportation services that connect the Company's numerous local distribution systems to long line interstate pipelines and local sources of supply. Page 3 shows the average storage rental cost to Distribution's Pennsylvania Division for the timeframe December 2023 through November 2024. Like transportation, storage services are not interchangeable. Some services are peaking services that cannot be used to meet seasonal demand. Other services do not have adequate capacity to meet Distribution's requirements or would require Distribution to incur additional charges for transportation services.

<u>Pipeline</u>	<u>Demand</u> (\$)	<u>Amount</u> <u>Commodity</u> (\$)	<u>Total</u> (\$)	<u>Volume</u> (Mcf)	<u>Unit Cost</u> (\$/Mcf)
Columbia	\$1,896,964	\$17,898	\$1,914,862	1,972,355	\$ 0.9709
Eastern Gas	\$0	\$86	\$86	7,275	\$ 0.0118
Tennessee	\$5,142,733	\$404,310	\$5,547,043	8,771,738	\$ 0.6324
Texas Eastern	\$772,460	\$145,186	\$917,647	3,204,157	\$ 0.2864
Gross Total (Non-Affiliated)	\$7,812,157	\$567,480	\$8,379,637	13,955,525	\$0.6005
NFGSC (Affiliated)	\$31,253,718	\$436,361	\$31,690,078	19,110,843	\$1.6582

<u>Pipeline</u>	<u>Demand</u> (\$)	<u>Amount</u> <u>Commodity</u> (\$)	<u>Total</u> (\$)	<u>Volume</u> (Mcf)	<u>Unit Cost</u> (\$/Mcf)
Columbia	\$991,389	\$42,640	\$1,034,029	859,030	\$1.2037
Gross Total (Non-Affiliated)	\$991,389	\$42,640	\$1,034,029	859,030	\$1.2037
NFGSC (Affiliated)	\$14,421,804	\$509,092	\$14,930,896	12,145,806	\$1.2293

NATIONAL FUEL GAS DISTRIBUTION CORPORATION

53.65 Whenever a gas utility under 66 Pa. C.S. § 1307(f) (relating to sliding scale of rates; adjustments) purchases gas, transportation or storage from an affiliated interest ... it shall... file evidence to meet its burden under 66 Pa. C.S. § 1317(b) (relating to regulation of natural gas costs). The evidence ... shall include statements regarding:

- (2) Estimates of the quantity of gas, transportation or storage available to the utility from all sources.**

Distribution has contracted for transportation and storage capacity based on its geographic location, its interconnections with National Fuel Gas Supply Corporation ("Supply") and upstream pipelines that are accessible via Supply. The transportation and storage available to Distribution from Supply and other upstream pipelines are provided in PGC Exhibit No. 7.

Distribution primarily accesses gas supplies from the Northeast shale producing region, but with these pipelines it is possible for Distribution to access gas supplies from nearly any area of the United States and Canada.

NATIONAL FUEL GAS DISTRIBUTION CORPORATION

53.65 Whenever a gas utility under 66 Pa. C.S. § 1307(f) (relating to sliding scale of rates; adjustments) purchases gas, transportation, or storage from an affiliated interest ... it shall ... file evidence to meet its burden under 66 Pa. C.S. § 1317(b) (relating to regulation of natural gas costs). The evidence ... shall include statements regarding:

- (3) Efforts made by the utility to obtain gas, transportation, or storage from nonaffiliated sources.**
- (4) The specific reasons why the utility has purchased gas, transportation, or storage from an affiliated interest and demonstration that the purchases are consistent with a least cost fuel procurement policy.**

- (3) PGC Exhibit No. 8 provides Distribution's efforts to obtain gas, transportation, or storage from non-affiliated sources.
- (4) PGC Exhibit No. 8 provides the explanation of Distribution's historical purchasing policies as well as an explanation of the reason for the transportation and storage capacity purchased by Distribution from Supply.

Distribution made one automatic, non-discretionary purchases of monthly imbalance gas from National Fuel Resources, Inc. ("NFR"), its former affiliate, during the historical period ended November 30, 2024 (excluding November 2024 for which data is not yet available). These purchases represent prior period adjustments as NFR is no longer an active affiliate serving Distribution customers. These purchases totaled 1 Mcf of monthly surplus imbalance gas and were relative to Distribution's SATC and MMNGS services. These transactions with NFR were performed in the ordinary course of business under Distribution's tariff and in a non-discriminating manner.

NATIONAL FUEL GAS DISTRIBUTION CORPORATION

- 53.65** Whenever a gas utility under 66 Pa. C.S. § 1307(f) (relating to sliding scale of rates; adjustments) purchases gas, transportation, or storage from an affiliated interest ... it shall ... file evidence to meet its burden under 66 Pa. C.S. § 1317(b) (relating to regulation of natural gas costs). The evidence ... shall include statements regarding:
- (5) The sources and amounts of all gas, transportation or storage which have been withheld from the market by the utility or affiliated interest and the reasons why the gas, transportation or storage has been withheld.**

Distribution has not withheld any gas, transportation or storage from the market. As explained in PGC Exhibit No. 8, Distribution purchases gas from marketers and producers that originates primarily in the Northeast, as well as from local producers, and transports these purchases on its pipeline capacity to meet its customers' needs. Consistent with previous 1307(f) filings, Distribution does not consider gas it has contracted for but not taken due to operational or market conditions to be subject to this requirement.

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)	68,510,054
3	S = Projected Sales for the Computation Year (See Exhibit 22)	<u>20,834,971</u>
4	Unit Commodity Cost (Line 2 / Line 3)	3.2882
5	Storage Interest (Exhibit 21B, Sheet 2)	<u>(0.0040)</u>
6	Total Commodity Cost (Line 4 + Line 5)	3.2842
7	E = Experienced Net Overcollection to be Refunded (See Schedule 5 - COMMODITY)	2,243,608
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>0.1077</u>
12	Projected Sales Commodity Cost per Mcf (Line 6 - Line 11)	<u><u>3.1765</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)	39,227,514
3	Projected Sales for Computation Year (Exhibit 22)	<u>20,834,971</u>
4	Unit Demand Cost (Line 2 / Line 3)	<u>1.8828</u>
5	E = Experienced Net Undercollection to be Recovered (See Schedule 2 - DEMAND - NGS)	(7,345,643)
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>(0.3526)</u>
8	Projected Sales Demand Cost per Mcf (Line 4 - Line 7)	<u><u>2.2354</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 Charge	Gas Adjustment Charge	Distribution Charge	Total Gas Costs
	(\$)	(\$)	(\$)	(\$)
Projected Gas Costs				
Demand	1.8828	0.3526	0.4387	2.6741
Commodity	<u>3.2842</u>	<u>(0.1077)</u>	<u>0.0000</u>	<u>3.1765</u>
Total Projected Gas Costs	5.1670	0.2449	0.4387	5.8506
Current Gas Costs (11/24)	<u>4.4732</u>	<u>(0.6413)</u>	<u>0.3676</u>	<u>4.1995</u>
Increase / (Decrease)	<u>0.6938</u>	<u>0.8862</u>	<u>0.0711</u>	<u>1.6511</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)	(7,063,922)
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>(7,345,643)</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:

**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>	6,668,552	(1,767,158)	7.75%	14 / 12	(159,781)
	2,820,784		4,901,394					
January (2025)								
Demand	<u>3,674,039</u>	1.7376	<u>6,384,009</u>	8,535,377	(2,151,368)	7.75%	13 / 12	(180,625)
	3,674,039		6,384,009					
February								
Demand	<u>3,623,246</u>	1.7376	<u>6,295,753</u>	7,230,572	(934,818)	7.75%	12 / 12	(72,448)
	3,623,246		6,295,753					
March								
Demand	<u>3,138,511</u>	1.7376	<u>5,453,476</u>	5,878,070	(424,594)	7.75%	11 / 12	(30,164)
	3,138,511		5,453,476					

PGC Exhibit 21
Schedule 3
Sheet 2
DEMAND - NGS

**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)
April								
Demand	<u>2,305,097</u>	1.7376	<u>4,005,337</u>					
	2,305,097		4,005,337	3,093,979	911,358	7.75%	10 / 12	58,859
May								
Demand	<u>1,407,621</u>	1.7376	<u>2,445,882</u>					
	1,407,621		2,445,882	841,275	1,604,607	7.75%	9 / 12	93,268
June								
Demand	<u>583,423</u>	1.7376	<u>1,013,756</u>					
	583,423		1,013,756	536,176	477,580	7.75%	8 / 12	24,675
July								
Demand	<u>286,570</u>	1.7376	<u>497,945</u>					
	286,570		497,945	904,195	(406,250)	7.75%	7 / 12	(18,366)
Total	17,839,292		35,547,799	41,962,319	(6,414,519)			(649,403)

PGC Exhibit 21
Schedule 3
Sheet 3
DEMAND - NGS

**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

PGC Exhibit 2
Schedule 3
Sheet 1
DEMAND - DI

**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)
February								
Distribution Charge	3,623,246	0.3676	1,332,042					
SATC	<u>337,716</u>	0.3676	<u>124,157</u>					
	3,960,963		1,456,199	681,148	775,051	7.75%	12 / 12	60,066
March								
Distribution Charge	3,138,511	0.3676	1,153,835					
SATC	<u>297,537</u>	0.3676	<u>109,386</u>					
	3,436,048		1,263,221	681,148	582,073	7.75%	11 / 12	41,351
April								
Distribution Charge	2,305,097	0.3676	847,441					
SATC	<u>220,671</u>	0.3676	<u>81,127</u>					
	2,525,768		928,568	681,148	247,420	7.75%	10 / 12	15,979
May								
Distribution Charge	1,407,621	0.3676	517,495					
SATC	<u>131,727</u>	0.3676	<u>48,428</u>					
	1,539,348		565,923	681,148	(115,225)	7.75%	9 / 12	(6,697)
June								
Distribution Charge	583,423	0.3676	214,488					
SATC	<u>52,227</u>	0.3676	<u>19,201</u>					
	635,650		233,689	681,148	(447,459)	7.75%	8 / 12	(23,119)
July								
Distribution Charge	286,570	0.3676	105,354					
SATC	<u>24,358</u>	0.3676	<u>8,955</u>					
	310,929		114,309	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 2
Schedule 3
Sheet 2
DEMAND - D

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)	791,137
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>397,533</u>
24	Total Amount to be Refunded	<u><u>2,243,608</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>	PGC	PGC	Cost of	Over / (Under)	Interest	Interest	Interest
		<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)
December	Commodity	<u>2,820,784</u> 2,820,784	2.7450	<u>7,743,051</u> 7,743,051	9,400,901	(1,657,850)	7.75%	14 / 12	(149,897)
January (2025)	Commodity	<u>3,674,039</u> 3,674,039	2.7450	<u>10,085,236</u> 10,085,236	12,150,662	(2,065,426)	7.75%	13 / 12	(173,410)
February	Commodity	<u>3,623,246</u> 3,623,246	2.7450	<u>9,945,812</u> 9,945,812	10,256,112	(310,300)	7.75%	12 / 12	(24,048)
March	Commodity	<u>3,138,511</u> 3,138,511	2.7450	<u>8,615,212</u> 8,615,212	8,518,644	96,568	7.75%	11 / 12	6,860

**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)
April	Commodity	<u>2,305,097</u> 2,305,097	2.7450	<u>6,327,493</u> 6,327,493	4,641,950	1,685,543	7.75%	10 / 12	108,858
May	Commodity	<u>1,407,621</u> 1,407,621	2.7450	<u>3,863,920</u> 3,863,920	1,938,835	1,925,085	7.75%	9 / 12	111,896
June	Commodity	<u>583,423</u> 583,423	2.7450	<u>1,601,497</u> 1,601,497	1,083,511	517,986	7.75%	8 / 12	26,763
July	Commodity	<u>286,570</u> 286,570	2.7450	<u>786,636</u> 786,636	1,121,085	(334,449)	7.75%	7 / 12	(15,120)
	Total	17,839,292		55,582,687	54,806,618	776,068			15,069

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>	PGC	PGC	Cost of	Over / (Under)	Interest	Interest	Interest
	Mcf	Rate	Revenue	Fuel	Collections	Rate	Weight	Expense / (Income)
	(1)	\$ / Mcf	(3 = 1 x 2)	(4)	(5 = 3 - 4)	%	(7)	(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)	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

**NATIONAL FUEL GAS DISTRIBUTION CORPORATION
PENNSYLVANIA DIVISION
STATEMENT OF TOTAL OVER / (UNDER) COLLECTIONS
TWELVE MONTHS ENDED JULY 2024 (ESTIMATE)**

COMMODITY

		<u>Sales</u>	PGC	PGC	Cost of	Over / (Under)	Interest	Interest	Interest
		Mcf	Rate	Revenue	Fuel	Collections	Rate	Weight	Expense / (Income)
		(1)	\$ / Mcf	(3 = 1 x 2)	(4)	(5 = 3 - 4)	(6)	(7)	(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)	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)								
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)

**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

**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)
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 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)
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)

**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)	<u>PGC</u> Rate \$ / Mcf (2)	<u>PGC</u> Revenue \$ (3 = 1 x 2)	<u>Cost of</u> Fuel \$ (4)	<u>Over / (Under)</u> Collections \$ (5 = 3 - 4)	<u>Interest</u> Rate % (6)	<u>Interest</u> Weight (7)	<u>Interest</u> Expense / (Income) \$ (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			103,432					
			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			97,011					
			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			120,197					
			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			99,995					
			4,984,839	6,120,578	(1,135,739)	8.50%	11 / 12	(88,493)

**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			<u>108,457</u>					
			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			<u>105,699</u>					
			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			<u>129,359</u>					
			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			<u>66,745</u>					
			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)**

DEMAND - NGS

	<u>Sales</u> Mcf (1)	<u>PGC</u> Rate \$ / Mcf (2)	<u>PGC</u> Revenue \$ (3 = 1 x 2)	<u>Cost of</u> Fuel \$ (4)	<u>Over / (Under)</u> Collections \$ (5 = 3 - 4)	<u>Interest</u> Rate % (6)	<u>Interest</u> Weight (7)	<u>Interest</u> Expense / (Income) \$ (8 = 5 x 6 x 7)
December								
Natural Gas Supply Charge			4,663,119					
Standby / Priority			100,784					
Standby Overruns			17,523					
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Overdelivery / Upstream Cap. Surcharge			103,432					
			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			97,011					
			6,066,226	7,893,410	(1,827,183)	8.50%	13 / 12	(168,253)
February								
Natural Gas Supply Charge			5,947,872					
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LBS - Demand			0					
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			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			99,995					
			4,984,839	6,120,578	(1,135,739)	8.50%	11 / 12	(88,493)

**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)	<u>PGC</u> Rate \$ / Mcf (2)	<u>PGC</u> Revenue \$ (3 = 1 x 2)	<u>Cost of</u> Fuel \$ (4)	<u>Over / (Under)</u> Collections \$ (5 = 3 - 4)	<u>Interest</u> Rate % (6)	<u>Interest</u> Weight (7)	<u>Interest</u> Expense / (Income) \$ (8 = 5 x 6 x 7)
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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			<u>108,457</u>					
			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			<u>105,699</u>					
			2,055,336	923,962	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			<u>129,359</u>					
			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			<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)

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)			85,212					
			<u>8,576</u>	582,040	(488,252)	8.50%	18 / 12	(62,252)
			93,788					
September			97,326					
			<u>9,691</u>	582,040	(475,023)	8.50%	17 / 12	(57,201)
			107,017					
October			162,160					
			<u>16,169</u>	582,040	(403,711)	8.50%	16 / 12	(45,754)
			178,329					
November			438,048					
			<u>42,065</u>	582,096	(101,983)	8.50%	15 / 12	(10,836)
			480,113					
December			911,897					
			<u>86,599</u>	538,517	459,979	8.50%	14 / 12	45,615
			998,496					
January (2024)			1,145,707					
			<u>109,297</u>	538,517	716,486	8.50%	13 / 12	65,976
			1,255,003					

PGC Exhibit 2
Schedule 7
Sheet 2 of 5
DEMAND - DC

**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)
February								
			1,167,007					
			<u>109,927</u>					
			1,276,935	682,005	594,930	8.50%	12 / 12	50,569
March								
			931,622					
			<u>88,050</u>					
			1,019,672	682,005	337,667	8.50%	11 / 12	26,310
April								
			837,564					
			<u>79,461</u>					
			917,025	682,005	235,020	8.50%	10 / 12	16,647
May								
			365,804					
			<u>35,118</u>					
			400,923	682,005	(281,082)	8.50%	9 / 12	(17,919)
June								
			175,609					
			<u>17,438</u>					
			193,047	682,005	(488,958)	8.50%	8 / 12	(27,708)
July								
			117,120					
			<u>11,937</u>					
			129,057	682,005	(552,948)	8.50%	7 / 12	(27,417)
			7,049,405	7,497,280	(447,875)			(43,969)

PGC Exhibit 2
Schedule 7
Sheet 3 of 5
DEMAND - DC

**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>	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					

**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)
February								
			1,167,007					
			<u>109,927</u>					
			1,276,935	682,005	594,930	8.50%	12 / 12	50,569
March								
			931,622					
			<u>88,050</u>					
			1,019,672	682,005	337,667	8.50%	11 / 12	26,310
April								
			837,564					
			<u>79,461</u>					
			917,025	682,005	235,020	8.50%	10 / 12	16,647
May								
			365,804					
			<u>35,118</u>					
			400,923	682,005	(281,082)	8.50%	9 / 12	(17,919)
June								
			175,609					
			<u>17,438</u>					
			193,047	682,005	(488,958)	8.50%	8 / 12	(27,708)
July								
			117,120					
			<u>11,937</u>					
			129,057	682,005	(552,948)	8.50%	7 / 12	(27,417)
				7,049,405	7,497,280			(43,969)

PGC Exhibit 2.
Schedule 7
Sheet 5 of 5
DEMAND - DC

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	<u>410,772</u>	
	22,138,635	
(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	<u>0</u>	
	0	<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		<u>Refund / (Surcharge)</u> 316,780
September 2024		308,835
October 2024		469,991
November 2024		949,325
December 2024	0.7843	2,212,341
January - July 2025	0.7843	<u>11,779,016</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>
		(379,960)
		<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)	
	<u>(520,240)</u>	
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	
	<u>0</u>	
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)	
	<u>(49,636)</u>	
		<u>(569,876)</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		(607,590)
Estimated amount refunded / (recovered) during the period August 2024 through July 2025		
SALES	<u>Rate</u>	<u>Mcf</u>
August 2024		<u>(7,569)</u>
September 2024		(8,235)
October 2024		(12,698)
November 2024		(27,999)
December 2024	(0.0255)	2,820,784
January - July 2025	(0.0255)	<u>15,018,508</u>
		<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)	<u>1,397,094</u>
		<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	
	<hr/>	
	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	
	<hr/>	
	0	
		<hr/>
		0
		<hr/> <hr/>
		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	<u>1,734</u>	
	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	<u>0</u>	
	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	<u>0</u>	
	0	
		<u>101,680</u>
		<u><u>0</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 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		0
		<u>0</u>
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		0
		<u>0</u>
		<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>17,839,292</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>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)
	<u>(408,543)</u>
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>(408,543)</u>
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)
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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)

	<u>MMNGS Mcf</u>	<u>SATC Mcf</u>	<u>Refund / (Surcharge)</u>
SATC			
August 2024			
September 2024			
October 2024			
November 2024			
December 2024	(0.0091)	0	0
January - July 2025	(0.0091)	<u>0</u>	<u>0</u>
		0	0

	<u>(186,183)</u>
Amount to be Recovered	in PGC 2024
	<u><u>(14,467)</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 2024 through July 2025 in C-Factor (PGC 2025 - C factor)	244,270

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)	<u>15,018,508</u>	<u>(141,174)</u>	
		17,839,292	(153,263)	
				<u>(153,263)</u>
Amount to be Refunded		in PGC 2024		<u><u>397,533</u></u>

**NATIONAL FUEL GAS DISTRIBUTION CORPORATION
PENNSYLVANIA DIVISION
STATEMENT OF TOTAL OVER / (UNDER) COLLECTIONS
TWELVE MONTHS ENDED NOVEMBER 2024**

DEMAND - NGS

	<u>PGC Revenue</u> \$ (1)	<u>Cost of Fuel</u> \$ (2)	<u>Over / (Under) Collections</u> \$ (3 = 1 - 2)
December (2023)			
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	(271,154.52)
January (2024)			
Demand	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)
February			
Demand	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)
March			
Demand	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)

**NATIONAL FUEL GAS DISTRIBUTION CORPORATION
PENNSYLVANIA DIVISION
STATEMENT OF TOTAL OVER / (UNDER) COLLECTIONS
TWELVE MONTHS ENDED NOVEMBER 2024**

DEMAND - NGS

	<u>PGC Revenue</u>	<u>Cost of Fuel</u>	<u>Over / (Under) Collections</u>
	\$	\$	\$
	(1)	(2)	(3 = 1 - 2)
April			
Demand	4,255,965		
Standby / Priority	130,599		
Standby Overruns	(423)		
NGV - Demand	9,335		
LBS - Demand	0		
Overdelivery / Upstream Cap. Surcharge	<u>108,457</u>		
	4,503,933	2,560,752	1,943,181
May			
Demand	1,858,602		
Standby / Priority	79,219		
Standby Overruns	2,245		
NGV - Demand	9,571		
LBS - Demand	0		
Overdelivery / Upstream Cap. Surcharge	<u>105,699</u>		
	2,055,336	923,963	1,131,374
June			
Demand	891,867		
Standby / Priority	45,783		
Standby Overruns	162		
NGV - Demand	8,652		
LBS - Demand	0		
Overdelivery / Upstream Cap. Surcharge	<u>129,359</u>		
	1,075,824	948,828	126,996
July			
Demand	594,908		
Standby / Priority	24,813		
Standby Overruns	839		
NGV - Demand	9,275		
LBS - Demand	0		
Overdelivery / Upstream Cap. Surcharge	<u>66,745</u>		
	696,579	921,318	(224,739)

**NATIONAL FUEL GAS DISTRIBUTION CORPORATION
PENNSYLVANIA DIVISION
STATEMENT OF TOTAL OVER / (UNDER) COLLECTIONS
TWELVE MONTHS ENDED NOVEMBER 2024**

DEMAND - NGS

	<u>PGC Revenue</u>	<u>Cost of Fuel</u>	<u>Over / (Under) Collections</u>
	\$	\$	\$
	(1)	(2)	(3 = 1 - 2)
August			
Demand	526,747		
Standby / Priority	26,443		
Standby Overruns	(797)		
NGV - Demand	7,427		
LBS - Demand	0		
Overdelivery / Upstream Cap. Surcharge	97,873		
	<u>657,693</u>	764,659	(106,967)
September			
Demand	594,534		
Standby / Priority	29,069		
Standby Overruns	520		
NGV - Demand	11,096		
LBS - Demand	0		
Overdelivery / Upstream Cap. Surcharge	90,791		
	<u>726,010</u>	692,809	33,201
October			
Demand	908,714		
Standby / Priority	35,294		
Standby Overruns	(313)		
NGV - Demand	8,629		
LBS - Demand	0		
Overdelivery / Upstream Cap. Surcharge	95,370		
	<u>1,047,695</u>	1,423,296	(375,602)
November			
Demand	1,954,250		
Standby / Priority	60,741		
Standby Overruns	263		
NGV - Demand	9,509		
LBS - Demand	0		
Overdelivery / Upstream Cap. Surcharge	94,087		
	<u>2,118,849</u>	5,393,357	(3,274,508)
Total	35,045,445	39,714,969	(4,669,524)

**NATIONAL FUEL GAS DISTRIBUTION CORPORATION
PENNSYLVANIA DIVISION
STATEMENT OF TOTAL OVER / (UNDER) COLLECTIONS
TWELVE MONTHS ENDED NOVEMBER 2024**

DEMAND - DC

	<u>PGC Revenue</u> \$ (1)	<u>Cost of Fuel</u> \$ (2)	<u>Over / (Under) Collections</u> \$ (3 = 1 - 2)
December (2023)			
Distribution Charge	911,897		
SATC	86,599		
	998,496	538,517	459,979
January (2024)			
Distribution Charge	1,145,707		
SATC	109,297		
	1,255,003	538,517	716,486
February			
Distribution Charge	1,167,007		
SATC	109,927		
	1,276,935	682,005	594,930
March			
Distribution Charge	931,622		
SATC	88,050		
	1,019,672	682,005	337,667
April			
Distribution Charge	837,564		
SATC	79,461		
	917,025	682,005	235,020
May			
Distribution Charge	365,804		
SATC	35,118		
	400,923	682,005	(281,082)

**NATIONAL FUEL GAS DISTRIBUTION CORPORATION
PENNSYLVANIA DIVISION
STATEMENT OF TOTAL OVER / (UNDER) COLLECTIONS
TWELVE MONTHS ENDED NOVEMBER 2024**

DEMAND - DC

	<u>PGC Revenue</u>	<u>Cost of Fuel</u>	<u>Over / (Under) Collections</u>
	\$	\$	\$
	(1)	(2)	(3 = 1 - 2)
June			
Distribution Charge	175,609		
SATC	17,438		
	193,047	682,005	(488,958)
July			
Distribution Charge	117,120		
SATC	11,937		
	129,057	682,005	(552,948)
August			
Distribution Charge	106,598		
SATC	11,069		
	117,667	682,005	(564,338)
September			
Distribution Charge	123,614		
SATC	12,557		
	136,171	682,005	(545,834)
October			
Distribution Charge	188,445		
SATC	18,661		
	207,106	682,005	(474,899)
November			
Distribution Charge	396,788		
SATC	39,672		
	436,459	682,005	(245,546)
Total	7,087,563	7,897,084	(809,521)

**NATIONAL FUEL GAS DISTRIBUTION CORPORATION
PENNSYLVANIA DIVISION
STATEMENT OF TOTAL OVER / (UNDER) COLLECTIONS
TWELVE MONTHS ENDED NOVEMBER 2024**

COMMODITY

	<u>PGC Revenue</u> \$ (3 = 1 x 2)	<u>Cost of Fuel</u> \$ (4)	<u>Over / (Under) Collections</u> \$ (5 = 3 - 4)
December (2023)			
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		
	<hr/> 7,072,466	7,259,767	(187,301)
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		
	<hr/> 8,825,598	11,333,527	(2,507,929)
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		
	<hr/> 8,359,267	7,328,431	1,030,835
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		
	<hr/> 5,785,050	4,850,187	934,862

**NATIONAL FUEL GAS DISTRIBUTION CORPORATION
PENNSYLVANIA DIVISION
STATEMENT OF TOTAL OVER / (UNDER) COLLECTIONS
TWELVE MONTHS ENDED NOVEMBER 2024**

COMMODITY

	<u>PGC Revenue</u>	<u>Cost of Fuel</u>	<u>Over / (Under) Collections</u>
	\$	\$	\$
	(3 = 1 x 2)	(4)	(5 = 3 - 4)
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		
	<u>5,191,494</u>	(786,996)	5,978,490
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		
	<u>2,227,452</u>	264,536	1,962,916
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		
	<u>1,032,568</u>	470,265	562,303
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		
	<u>704,461</u>	1,328,392	(623,931)

**NATIONAL FUEL GAS DISTRIBUTION CORPORATION
PENNSYLVANIA DIVISION
STATEMENT OF TOTAL OVER / (UNDER) COLLECTIONS
TWELVE MONTHS ENDED NOVEMBER 2024**

COMMODITY

	<u>PGC Revenue</u>	<u>Cost of Fuel</u>	<u>Over / (Under) Collections</u>
	\$	\$	\$
	(3 = 1 x 2)	(4)	(5 = 3 - 4)
August			
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		
	<u>761,891</u>	5,347	756,543
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		
	<u>1,038,791</u>	(130,019)	1,168,810
October			
Commodity	1,512,673		
Reimbursement of NFGSC Transfer Fee	54		
Market Rate Differential	0		
City Gate Imbalance	424		
Sales Cashout	2,435		
OFO Penalty	0		
	<u>1,565,311</u>	885,131	680,180
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		
	<u>3,247,838</u>	4,934,461	(1,686,623)
Total	45,812,185	37,743,029	8,069,156

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 Differential \$/ Mcf (3)	Cost Charged	Cost Paid	Storage	Interest Weight (7)	Interest Rate ¹ % (8)	Gross Storage Interest Expense / (Revenue) \$(9 = [6 x (7 x 8)])
					Through PGC But Not Paid By Distribution \$ (4 = 2 x 3)	By Distribution But Not Charged Through PGC \$ (5 = 1 x 3)	(Net Paid) / Net Charged \$(6 = 4 + 5)			
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	4.1211	123,250	(3,434,351)	(3,311,101)	10 / 12	7.75%	(213,842)
November	Closed	(36,713)	743,355	4.1211	3,063,440	151,298	3,214,738	9 / 12	7.75%	186,857
December	Open	0	855,548	4.1211	3,525,798	0	3,525,798	8 / 12	7.75%	182,166
January 2025	Open	0	1,887,752	4.1211	7,779,612	0	7,779,612	7 / 12	7.75%	351,703
February	Open	0	1,613,062	4.1211	6,647,588	0	6,647,588	6 / 12	7.75%	257,594
March	Open	0	1,529,554	4.1211	6,303,443	0	6,303,443	5 / 12	7.75%	203,549
April	Open	120,188	0	4.1211	0	(495,308)	(495,308)	4 / 12	7.75%	(12,795)
May	Open	1,047,390	0	4.1211	0	(4,316,398)	(4,316,398)	3 / 12	7.75%	(83,630)
June	Open	1,151,775	0	4.1211	0	(4,746,577)	(4,746,577)	2 / 12	7.75%	(61,310)
July	Open	1,044,793	0	4.1211	0	(4,305,694)	(4,305,694)	1 / 12	7.75%	(27,808)
TOTAL		6,151,504	6,669,753		27,481,853	(24,435,635)	3,046,218			244,270
Estimated Storage Interest Expense Due to PGC Customers										<u><u>\$244,270</u></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	4.1211	0	(4,862,473)	(4,862,473)	12 / 12	7.75%	(376,842)
September	Open	1,119,977	0	4.1211	0	(4,615,537)	(4,615,537)	11 / 12	7.75%	(327,895)
October	Open	1,083,736	0	4.6604	0	(5,050,690)	(5,050,690)	10 / 12	7.75%	(326,190)
November	Open	0	734,092	4.6604	3,421,194	0	3,421,194	9 / 12	7.75%	198,857
December	Open	0	855,548	4.6604	3,987,231	0	3,987,231	8 / 12	7.75%	206,007
January 2026	Open	0	1,887,752	4.6604	8,797,756	0	8,797,756	7 / 12	7.75%	397,732
February	Open	0	1,613,062	4.6604	7,517,580	0	7,517,580	6 / 12	7.75%	291,306
March	Open	0	1,529,554	4.6604	7,128,395	0	7,128,395	5 / 12	7.75%	230,188
April	Open	120,188	0	4.6604	0	(560,131)	(560,131)	4 / 12	7.75%	(14,470)
May	Open	1,047,390	0	4.6604	0	(4,881,300)	(4,881,300)	3 / 12	7.75%	(94,575)
June	Open	1,151,775	0	4.6604	0	(5,367,777)	(5,367,777)	2 / 12	7.75%	(69,334)
July	Open	1,044,793	0	4.6604	0	(4,869,194)	(4,869,194)	1 / 12	7.75%	(31,447)
TOTAL		6,747,756	6,620,008		30,852,156	(30,207,102)	645,054			83,336
Estimated Storage Interest Expense Due to PGC Customers										\$83,336
PGC Volumes (Exhibit 22)										20,834,971
PGC (Passback) / Recovery Rate \$/Mcf										(\$0.0040)

1 The storage over / (under) interest rate is based upon the prime interest rate in effect within 60 days of this filing.

Section 53.64 (i) (1) (v)

"

(i) Utilities shall comply with the following:

(1) Concurrent with the filing of a tariff reflecting increases or decreases in purchased gas expenses, gas utilities under 66 Pa. C.S. Section 1307(f) recovering expenses under that section must file a statement for the 12-month period ending 2 months prior to the filing date under 66 Pa. C.S. Section 1307(f) as published in accordance with subsection (b) which shall specify:

. . ."

(v) How these costs are consistent with a least cost procurement policy, as required by 66 Pa. C.S. Section 1318 (relating to determination of just and reasonable natural gas rates).

. . ."

Explanation that Over/Under Collections
for the Twelve Months Ended November 30, 2024
Resulted from a Least-Cost Procurement Policy

As shown on Exhibit No. 21-A Demand - NGS, sheets 1 through 3 and Exhibit No. 21-A Demand – DC sheets 1 and 2, National Fuel Gas Distribution Corporation ("Distribution") under-collected demand gas costs by a net amount of \$5,479,045 during the twelve months ended November 30, 2024. In Exhibit 21-A Commodity sheets 1 through 3, Distribution over-collected commodity gas costs by \$8,069,156 for the twelve months ended November 30, 2024. The total gas cost over-recovery for the period is \$2,590,111.

Distribution under-collected its projected demand gas costs primarily because actual demand costs were higher than projected demand costs. Demand costs were projected for the twelve months ended November 2024 at \$2.4033/Mcf. Actual

1 demand costs for the period were \$2.7158/Mcf. This resulted in an under-recovery of
2 \$0.3125/Mcf or \$5.47 million [$\$0.3125 \times 17,531,382$ Mcf] for the period.

3 Distribution over-collected its commodity costs primarily because actual
4 commodity costs were lower than projected. Projected commodity costs were
5 \$2.6132/Mcf for the period. Actual commodity costs were \$2.1529/Mcf for the period.
6 This resulted in an over-recovery of commodity costs of \$.4603/Mcf or \$8 million [$\$.4603$
7 $\times 17,531,382$ Mcf] for the period.

8 Despite the over-recovery of total gas costs, gas costs would have been
9 higher if not for Distribution's "least cost" fuel procurement practices.

10 Distribution's Pennsylvania Division contracts for pipeline capacity on
11 Tennessee Gas Pipeline Company, LLC ("Tennessee" or "TGP"), Texas Eastern
12 Transmission, LP ("Texas Eastern" or "TETCO") and Columbia Gas Transmission, LLC
13 ("Columbia"). Distribution also contracts for pipeline capacity on National Fuel Gas
14 Supply Corporation's ("Supply" or "NFGSC") transmission system. Supply's transmission
15 lines interconnect facilities of these pipelines with the Pennsylvania gas distribution lines
16 owned and operated by Distribution. Distribution uses this pipeline capacity to acquire
17 gas supplies at the lowest cost that is consistent with maintaining adequate, reliable and
18 reasonably continuous service.

19 Distribution's Pennsylvania Division also contracts for storage capacity in
20 Supply's substantial storage fields and storage capacity on Columbia. Distribution's
21 contracted storage service with Supply permits Distribution to obtain gas supplies at a
22 lower cost than would otherwise be the case. The storage fields enable Distribution to
23 maintain lower interstate pipeline entitlements than would be possible without storage
24 facilities. Distribution can rely upon gas withdrawn from storage, instead of current

1 pipeline deliveries, to meet a substantial portion of its customers' peak day and winter
2 requirements. Storage facilities also afford Distribution the flexibility to take advantage
3 of lower priced gas in the off-season.

4 Distribution's least cost procurement policy is explained in PGC Exhibit
5 8. Distribution capitalizes upon its judicious use of locally produced gas, its contracted
6 storage service, its diversified pipeline capacity and its portfolio of competitively priced
7 gas supply contracts to reduce its purchased gas costs to the lowest practical level that
8 is consistent with providing reliable service.

NATIONAL FUEL GAS DISTRIBUTION CORPORATION

Statement to show actual retail sales for the twelve months ended November 2024 and projected retail sales for the twenty months ending July 2026.

Page 2 provides actual retail sales for the twelve months ended November 2024.

Pages 3 and 4 provide projected retail sales for the twenty months ending July 2026.

National Fuel Gas Distribution Corporation
Pennsylvania Division
Actual Retail Sales (Mcf)
Twelve Months Ended November 30, 2024

	Mcf
December 2023	2,519,762
January 2024	3,190,135
February 2024	3,191,697
March 2024	2,522,519
April 2024	2,224,370
May 2024	995,876
June 2024	504,447
July 2024	351,604
August 2024	326,202
September 2024	377,301
October 2024	563,095
November 2024	1,184,580
Total	<u>17,951,587</u>

National Fuel Gas Distribution Corporation
Pennsylvania Division
Projected Retail Sales (Mcf)
Eight Months Ended July 31, 2025

	Mcf
December 2024	2,820,784
January 2025	3,674,039
February 2025	3,623,246
March 2025	3,138,511
April 2025	2,305,097
May 2025	1,407,621
June 2025	583,423
July 2025	286,570
Total	<hr/> 17,839,292

National Fuel Gas Distribution Corporation
Pennsylvania Division
Projected Retail Sales (Mcf)
Twelve Months Ending July 31, 2026

	Mcf
August 2025	252,919
September 2025	319,976
October 2025	738,543
November 2025	1,613,468
December 2025	2,833,448
January 2026	3,696,688
February 2026	3,646,442
March 2026	3,157,680
April 2026	2,315,231
May 2026	1,408,128
June 2026	575,407
July 2026	277,041
Total	<hr/> 20,834,971

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.	1,193,869	1,326,520	1,488,063	1,567,451	1,566,092	1,452,624	1,281,969	1,095,545	10,972,133
	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>2,101,887</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>2,639,821</u>
Total for NFGDC PAD		<u>3,399,284</u>	<u>4,239,641</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>17,726,807</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.	1,201,013	1,165,894	1,886,892	966,573	1,593,514	1,436,404	1,360,076	940,104	1,564,990	1,451,540	1,236,268	1,094,691	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>1,984,027</u>	<u>1,695,328</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>4,229,729</u>	<u>3,619,110</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	47.0555	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
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	3,302,194	3,884,117	4,195,223	4,123,824	3,960,722	3,667,576	3,168,549	2,840,447	29,142,652
	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	470,348	488,173	431,340	791,839	681,779	702,630	685,413	721,089	4,972,611
	Transp. Cost	6,840	6,840	6,178	12,493	12,090	12,493	12,090	12,493	81,517
NFGSC	Demand (D1)	2,389,381	2,641,222	2,651,293	2,661,364	2,656,318	2,651,293	2,651,293	2,651,293	20,953,457
	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>\$2,908,125</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>\$24,955,785</u>
	Commodity	<u>\$5,499,224</u>	<u>\$6,504,285</u>	<u>\$6,012,484</u>	<u>\$5,723,461</u>	<u>\$5,035,455</u>	<u>\$4,641,423</u>	<u>\$4,128,744</u>	<u>\$3,815,824</u>	<u>\$41,360,901</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	80,199	61,446	42,416	4,818	43,264	49,292	43,211	385,100
PAD Storage Gas	Demand	3,821,746	5,500,682	4,128,432	2,706,631	(428,270)	(2,768,634)	(3,116,751)	(2,765,429)	7,078,407
	Commodity	3,836,363	5,521,719	4,144,222	2,716,984	(429,908)	(2,779,222)	(3,128,670)	(2,776,006)	7,105,482
Total NFGDC PAD	Demand	8,252,827	10,172,585	8,806,872	7,398,676	4,351,100	2,005,711	1,657,594	2,008,916	44,654,280
	Commodity	9,396,041	12,106,203	10,218,152	8,482,861	4,610,365	1,905,465	1,049,366	1,083,029	48,851,483
	Total	<u>\$17,648,868</u>	<u>\$22,278,788</u>	<u>\$19,025,024</u>	<u>\$15,881,537</u>	<u>\$8,961,465</u>	<u>\$3,911,176</u>	<u>\$2,706,960</u>	<u>\$3,091,945</u>	<u>\$93,505,764</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	3,098,671	2,733,715	4,440,909	2,909,756	5,446,687	5,159,340	4,761,076	3,034,858	4,691,755	4,202,776	3,457,558	3,180,513	47,117,613
	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	496,575	1,002,033	563,348	495,040	945,609	739,306	734,934	716,977	756,130	8,494,314
	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>\$4,236,878</u>	<u>\$3,776,022</u>	<u>\$5,399,046</u>	<u>\$4,447,107</u>	<u>\$8,736,854</u>	<u>\$8,443,488</u>	<u>\$7,014,687</u>	<u>\$5,085,031</u>	<u>\$5,717,543</u>	<u>\$5,274,028</u>	<u>\$4,575,544</u>	<u>\$4,253,846</u>	<u>\$66,960,075</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	77,688	70,784	67,090	2,748	44,531	49,292	44,391	571,013
PAD Storage Gas	Demand	(3,196,542)	(3,033,264)	(2,963,690)	2,035,187	2,371,912	5,249,401	4,482,961	4,244,470	(329,424)	(2,862,959)	(3,149,502)	(2,855,685)	(7,135)
	Commodity	(3,208,767)	(3,044,865)	(3,483,528)	2,392,164	2,787,950	6,170,158	5,269,285	4,988,960	(387,206)	(3,365,129)	(3,701,931)	(3,356,579)	1,060,512
Total NFGDC PAD	Demand	1,587,874	1,741,081	2,008,003	7,006,880	7,338,560	10,180,221	9,423,832	9,200,457	4,424,189	1,885,609	1,604,111	1,897,928	58,298,745
	Commodity	1,078,951	779,618	1,961,626	6,871,172	11,561,983	14,691,334	12,354,756	10,141,081	5,333,085	1,953,430	922,905	941,658	68,591,600
	Total	<u>\$2,666,825</u>	<u>\$2,520,699</u>	<u>\$3,969,629</u>	<u>\$13,878,052</u>	<u>\$18,900,543</u>	<u>\$24,871,555</u>	<u>\$21,778,588</u>	<u>\$19,341,538</u>	<u>\$9,757,274</u>	<u>\$3,839,039</u>	<u>\$2,527,016</u>	<u>\$2,839,586</u>	<u>\$126,890,345</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	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	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	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
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	259,855	38,170	0	0	0	0	0	298,025
Gas Cost		Withdrawal	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	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	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	259,855	38,170	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	2.5885	2.5885	2.6157	2.6157	2.6157	2.6157	2.6157	2.6157	2.6157	2.6157	2.6157	2.6157
		Commodity	2.5984	2.5984	3.0745	3.0745	3.0745	3.0745	3.0745	3.0745	3.0745	3.0745	3.0745	3.0745
	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	2.5885	2.5885	2.6157	2.6157	2.6157	2.6157	2.6157	2.6157	2.6157	2.6157	2.6157	2.6157
		Commodity	2.5984	2.5984	3.0745	3.0745	3.0745	3.0745	3.0745	3.0745	3.0745	3.0745	3.0745	3.0745
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	2.5885	2.5885	2.6157	2.6157	2.6157	2.6157	2.6157	2.6157	2.6157	2.6157	2.6157	2.6157
		Commodity	2.5984	2.5984	3.0745	3.0745	3.0745	3.0745	3.0745	3.0745	3.0745	3.0745	3.0745	3.0745
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	2.5885	2.5885	2.6157	2.6157	2.6157	2.6157	2.6157	2.6157	2.6157	2.6157	2.6157	2.6157
		Commodity	2.5984	2.5984	3.0745	3.0745	3.0745	3.0745	3.0745	3.0745	3.0745	3.0745	3.0745	3.0745

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	3,449	2,506	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	3,971	2,885	994	0	0	0	0	8,024	
		Demand	0	0	0	0	(162,581)	(56,409)	(191,140)	(53,204)	(463,334)	
		Commodity	0	0	0	0	(163,203)	(56,624)	(191,871)	(53,408)	(465,106)	
	Withdrawal	Demand	25,631	583,487	423,908	145,999	0	0	0	0	1,179,025	
		Commodity	25,729	585,718	425,530	146,558	0	0	0	0	1,183,535	
	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	68,802	49,494	40,559	0	0	0	0	218,983	
Injection		Demand	0	0	0	0	0	(2,560,632)	(2,774,018)	(2,560,632)	(7,895,282)	
		Commodity	0	0	0	0	0	(2,570,426)	(2,784,627)	(2,570,426)	(7,925,479)	
Withdrawal		Demand	3,796,115	4,343,741	3,124,770	2,560,632	0	0	0	0	13,825,258	
		Commodity	3,810,634	4,360,354	3,136,721	2,570,426	0	0	0	0	13,878,135	
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	949	5,100	0	0	0	0	0	6,049
	Injection	Demand	0	0	0	0	0	(67,301)	(67,301)	(67,301)	(201,903)	
		Commodity	0	0	0	0	0	(67,558)	(67,558)	(67,558)	(202,674)	
	Withdrawal	Demand	0	64,446	334,183	0	0	0	0	0	398,629	
		Commodity	0	64,692	335,461	0	0	0	0	0	400,153	
	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	3,028	1,461	0	0	0	0	0	4,489
Injection		Demand	0	0	0	0	(265,689)	(84,292)	(84,292)	(84,292)	(518,565)	
		Commodity	0	0	0	0	(266,705)	(84,614)	(84,614)	(84,614)	(520,547)	
Withdrawal		Demand	0	509,008	245,571	0	0	0	0	0	754,579	
		Commodity	0	510,955	246,510	0	0	0	0	0	757,465	
Total Cost			<u>\$9,241,519</u>	<u>\$12,625,556</u>	<u>\$9,857,056</u>	<u>\$6,988,987</u>	<u>\$778,706</u>	<u>(\$3,872,526)</u>	<u>(\$4,564,063)</u>	<u>(\$3,866,158)</u>	<u>\$27,189,077</u>	
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	\$76,228	\$58,561	\$41,422	\$3,658	\$42,842	\$47,921	\$42,808	\$373,720
		Storage Transp.	Demand	\$194,244	\$194,244	\$194,244	\$194,244	\$202,395	\$202,395	\$202,395	\$202,395	\$1,586,556
	Commodity		\$174	\$3,971	\$2,885	\$994	\$1,160	\$422	\$1,371	\$403	\$11,380	
	Gas Cost	Demand	\$3,821,746	\$5,500,682	\$4,128,432	\$2,706,631	(\$428,270)	(\$2,768,634)	(\$3,116,751)	(\$2,765,429)	\$7,078,407	
		Commodity	\$3,836,363	\$5,521,719	\$4,144,222	\$2,716,984	(\$429,908)	(\$2,779,222)	(\$3,128,670)	(\$2,776,006)	\$7,105,482	
	Total Cost			<u>\$9,241,519</u>	<u>\$12,625,556</u>	<u>\$9,857,056</u>	<u>\$6,988,987</u>	<u>\$778,706</u>	<u>(\$3,872,526)</u>	<u>(\$4,564,063)</u>	<u>(\$3,866,158)</u>	<u>\$27,189,077</u>

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	(276,108)	(321,039)	(128,431)	0	0	0	0	0	(55,712)	(122,234)	(193,149)	(114,960)	(1,211,633)	
		Commodity	(277,164)	(322,267)	(150,958)	0	0	0	0	0	(65,484)	(143,674)	(227,027)	(135,124)	(1,321,698)	
	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	693,644	479,149	173,411	0	0	0	0	1,346,204	
	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	10,654	1,565	0	0	0	0	0	0	12,219
Injection		Withdrawal	0	0	0	0	0	0	0	0	0	0	0	0	0	
		Demand	(2,774,018)	(2,560,632)	(2,682,073)	0	0	0	0	0	0	(2,587,539)	(2,803,167)	(2,587,539)	(15,994,968)	
		Commodity	(2,784,627)	(2,570,426)	(3,152,515)	0	0	0	0	0	0	(3,041,400)	(3,294,849)	(3,041,400)	(17,885,217)	
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	2,392,164	2,787,950	4,308,650	4,562,100	4,815,549	0	0	0	0	18,866,413	
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		(62,124)	(67,301)	(68,008)	0	0	0	0	0	(5,231)	(68,008)	(68,008)	(68,008)	(406,688)	
	Commodity		(62,362)	(67,558)	(79,937)	0	0	0	0	0	(6,149)	(79,937)	(79,937)	(79,937)	(455,817)	
	Withdrawal	Demand	0	0	0	0	0	313,884	94,165	0	0	0	0	0	408,049	
		Commodity	0	0	0	0	0	368,940	110,682	0	0	0	0	0	479,622	
	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			(84,292)	(84,292)	(85,178)	0	0	0	0	0	(268,481)	(85,178)	(85,178)	(85,178)	(777,777)	
Commodity			(84,614)	(84,614)	(100,118)	0	0	0	0	0	(315,573)	(100,118)	(100,118)	(100,118)	(885,273)	
Withdrawal		Demand	0	0	0	0	0	679,703	99,841	0	0	0	0	0	779,544	
		Commodity	0	0	0	0	0	798,924	117,354	0	0	0	0	0	916,278	
Total Cost			(4,766,341)	(4,438,240)	(4,608,789)	6,263,240	6,995,751	13,277,590	11,597,636	11,072,191	917,973	(4,592,129)	(5,214,092)	(4,576,445)	21,928,345	
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	\$19,616	\$8,204	\$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	(\$3,196,542)	(\$3,033,264)	(\$2,963,690)	\$2,035,187	\$2,371,912	\$5,249,401	\$4,482,961	\$4,244,470	(\$329,424)	(\$2,862,959)	(\$3,149,502)	(\$2,855,685)	(\$7,135)	
		Commodity	(\$3,208,767)	(\$3,044,865)	(\$3,483,528)	\$2,392,164	\$2,787,950	\$6,170,158	\$5,269,285	\$4,988,960	(\$387,206)	(\$3,365,129)	(\$3,701,931)	(\$3,356,579)	\$1,060,512	
	Total Cost			(4,766,341)	(4,438,240)	(4,608,789)	6,263,240	6,995,751	13,277,590	11,597,636	11,072,191	917,973	(4,592,129)	(5,214,092)	(4,576,445)	21,928,345

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	\$2,908,125	\$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	\$37,463,318
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	\$4,431,081	\$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	\$55,797,452
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	\$4,431,081	\$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	\$55,797,452
Total Receipt Volume (Dt)	1,731,483	1,267,926	1,967,013	2,187,266	2,097,511	2,158,627	1,999,291	1,857,575	1,681,241	1,499,451	1,666,919	1,602,280	21,716,583
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	1,954,087	2,164,833	2,077,215	2,141,282	1,985,709	1,854,471	1,678,080	1,496,369	1,662,518	1,598,022	21,555,925
Unit Storage Demand Gas Cost													\$2.5885
Unit Storage Commodity Gas Cost (\$/Dt)													
Upstream Purchased Gas Cost	\$3,073,152	\$2,700,516	\$5,499,224	\$6,504,285	\$6,012,484	\$5,723,461	\$5,035,455	\$4,641,423	\$4,128,744	\$3,815,824	\$4,236,878	\$3,776,022	\$55,147,469
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	\$80,199	\$61,446	\$42,416	\$4,818	\$43,264	\$49,292	\$43,211	\$50,840	\$48,461	\$540,677
Total Commodity Cost	\$3,126,543	\$2,759,484	\$5,560,470	\$6,621,697	\$6,105,689	\$5,796,996	\$5,070,069	\$4,716,944	\$4,211,513	\$3,895,978	\$4,325,200	\$3,824,483	\$56,015,067
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	\$5,560,470	\$6,621,697	\$6,105,689	\$5,796,996	\$5,070,069	\$4,716,944	\$4,211,513	\$3,895,978	\$4,325,200	\$3,824,483	\$56,015,067
Total Receipt Volume (Dt)	1,731,483	1,267,926	1,967,013	2,187,266	2,097,511	2,158,627	1,999,291	1,857,575	1,681,241	1,499,451	1,666,919	1,602,280	21,716,583
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	1,954,087	2,164,833	2,077,215	2,141,282	1,985,709	1,854,471	1,678,080	1,496,369	1,662,518	1,598,022	21,555,925
Unit Storage Commodity Gas Cost (\$/Dt)													\$2.5984

* 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	2,297,150	1,969,524	1,569,876	1,955,866	1,881,430	1,681,057	1,521,812	1,643,160	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	2,273,522	1,950,867	1,558,900	1,943,219	1,877,795	1,676,928	1,518,236	1,638,759	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	\$4,447,107	\$8,736,854	\$8,443,488	\$7,014,687	\$5,085,031	\$5,717,543	\$5,274,028	\$4,575,544	\$4,253,846	\$4,523,191	\$4,059,401	\$67,529,767
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	\$77,688	\$70,784	\$67,090	\$2,748	\$44,531	\$49,292	\$44,391	\$49,661	\$48,461	\$569,834
Total Commodity Cost	\$5,445,154	\$4,479,008	\$8,822,386	\$8,572,913	\$7,129,537	\$5,194,215	\$5,756,752	\$5,356,640	\$4,663,616	\$4,340,406	\$4,615,560	\$4,107,862	\$68,484,050
Less: Offsystem Sales Purchase	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Net Commodity Cost	\$5,445,154	\$4,479,008	\$8,822,386	\$8,572,913	\$7,129,537	\$5,194,215	\$5,756,752	\$5,356,640	\$4,663,616	\$4,340,406	\$4,615,560	\$4,107,862	\$68,484,050
Total Receipt Volume (Dt)	2,275,825	1,461,932	2,533,286	2,297,150	1,969,524	1,569,876	1,955,866	1,881,430	1,681,057	1,521,812	1,643,160	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	2,273,522	1,950,867	1,558,900	1,943,219	1,877,795	1,676,928	1,518,236	1,638,759	1,597,327	22,275,144
Unit Storage Commodity Gas Cost (\$/Dt)													\$3.0745

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	<u>\$0.0014</u>											
		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	<u>\$0.0014</u>											
		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 | 1. V1 - FTS Rates - Version 91.0.0 Eff 4/1/25 (pending Rate Case) |
| 2. V8 - SST Rates - Version 90.0.0 - Eff 12/1/24 | 2. V8 - SST Rates - Version 91.0.0 Eff 4/1/25 (pending Rate Case) |
| 3. V9 - FSS Rates - Version 11.0.0 | 3. V9 - FSS Rates - Version 12.0.0 (Pending Rate Case) |
| 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	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	Demand (STX)	0	0	0	0	0	0	0	0	0	0	0	
		Reservation	0	0	0	0	0	0	0	0	0	0	0	
	Volumes	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
		FT-1	Demand (STX)	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
		Reservation	Demand (WLA)	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
	Rates	Demand (ELA)	\$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	
	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		
	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	
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	Demand (STX)	0	0	0	0	0	0	0	0	0	0	0	0		
		Reservation	0	0	0	0	0	0	0	0	0	0	0	0		
	Volumes	Demand (ELA)	0	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	0	
		Demand (M1 - M2)	0	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	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
		Reservation	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
	Rates	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	\$0.0389	
Commodity Total	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		
	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		
	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	\$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-1
2. Part 4 Statements of Rates - 2. Rate Sch. FT-1
3. Part 4 Statements of Rates - 16. Percentages for
4. Part 4 Statements of Rates - 16. Percentages for
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	Reservation	0	0	0	0	0	0	0	0	0	0	0
	(0-4)	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	Reservation	8,750	8,750	8,750	8,750	8,750	8,750	8,750	8,750	8,750	8,750	8,750
	(1-4)	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	Reservation	65,250	65,250	65,250	65,250	65,250	65,250	65,250	65,250	65,250	65,250	65,250
	(4-4)	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	Exh23Sch3Sht9 \$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	
		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	\$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%		
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
				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%		
		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
				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%		
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		
		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	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
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	Exh23Sch3Sh9 \$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		
		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)	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			
		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	\$0.0381	\$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			
		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			
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)	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	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 Re
 2. Part 4 - Applicable Rates, Section 4.020 Storage Rates - V
 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

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

1 Summary of Modifications to
2 National Fuel Gas Distribution Corporation's
3 Transportation Service Rates
4

5 A) Background

6 Since August 1, 1993, National Fuel Gas
7 Distribution Corporation ("Distribution") has included
8 gas costs associated with providing imbalance services
9 to its transportation customers within the
10 transportation service rates that Distribution
11 charges. Over the last thirty two Distribution
12 1307(f) proceedings, the Commission has consistently
13 recognized that transportation customers should be
14 responsible for paying the costs of service which can
15 be fairly determined as having been incurred for the
16 benefit of transportation customers.

17 The Commission has determined that
18 transportation customers cause Distribution to incur
19 costs associated with storage and transportation
20 service contracted by Distribution with National Fuel
21 Gas Supply Corporation ("Supply"). Such costs have
22 been recovered from transportation customers through a
23 number of services offered to transportation customers
24 including: (1) Monthly Metered Transportation ("MMT")
25 charges, (2) overdelivery charges for Daily Metered

1 Transportation ("DMT") customers, (3) sales service to
2 MMT and DMT customers, and (4) the release of firm
3 capacity on Supply to transportation customers.

4 The allocation of purchased gas costs to
5 transportation customers, as well as the design of
6 transportation rates, are explained in greater detail
7 below.

8 B) Purchased Gas Costs Associated
9 with Transportation Service

10
11 Purchased gas costs associated with
12 transportation service relate to the costs incurred by
13 Distribution in order to support the differences
14 between what transportation customers use on a daily
15 basis and what the transportation customers deliver to
16 Distribution's system on a daily basis.

17 In the previous 1307(f) proceedings
18 addressing the issue, the Commission recognized that
19 the Federal Energy Regulatory Commission's ("FERC")
20 Order 636 imposed additional costs on Distribution in
21 order to provide MMT and DMT transportation services.
22 Distribution determined the level of additional costs
23 after a review of Distribution's design peak day
24 requirements and supply sources. The term "design
25 peak day" refers to the practice that is standard in

1 the natural gas industry under which pipeline
2 capacity, storage capacity and natural gas supply
3 planning are based upon customers' requirements on the
4 coldest winter day reasonably expected to be
5 experienced. For this proceeding, Distribution has
6 updated this review for the design peak day
7 requirements forecasted during the twelve months
8 ending July 2026. This updated review has lead to the
9 conclusion that Distribution forecasts that 146,661
10 Mcf of gas be delivered into its system to meet MMT
11 and DMT transportation service customers' design peak
12 day (at 74 heating degree days) requirements, but only
13 109,880 Mcf are delivered on that day. This
14 difference, 36,781 Mcf (146,661 Mcf less 109,880 Mcf),
15 must come from somewhere. In fact, this difference is
16 made up by increased withdrawals of gas from Supply's
17 storage facilities, in excess of volumes required for
18 sales service customers. This conclusion is
19 inescapable irrespective of whether the transportation
20 service customer moves gas supplies only on
21 Distribution's system or whether it moves gas supplies
22 on both Distribution's system and Supply's system.
23 Based on the foregoing, in order for Distribution's

1 rates to be fair to all customers, Distribution must
2 recover from transportation service customers costs
3 associated with use of Supply's storage facilities,
4 including costs for injection and withdrawal of gas
5 into and from storage, storage capacity costs, storage
6 deliverability costs and shrinkage.

7 In designing an appropriate form of
8 transportation rate which will include a provision for
9 recovery of costs associated with use of Supply's
10 storage and deliverability capacity to meet design
11 peak day requirements of transportation service
12 customers, realities of measurement of customer's gas
13 use and gas delivered to Distribution for customer's
14 accounts must be recognized. Presently, it is
15 impossible to determine the extent to which all
16 transportation customers individually place demands on
17 Supply's storage capacity. In order to make such
18 determination for an individual transportation service
19 customer, it would be necessary to have daily metering
20 facilities both at the premises where the customer
21 receives service from Distribution and at the point of
22 delivery of the customer's gas supplies to
23 Distribution for transportation to the customer. Only

1 by having daily data concerning amounts delivered to
2 Distribution for the customer's account and amounts
3 used by the customer could the actual shortfall, which
4 must be made up on peak day utilizing Supply's storage
5 services, be quantified.

6 Installation of such metering facilities,
7 together with communication facilities to transmit
8 daily metering information to Distribution for
9 analysis, for all transportation service customers
10 would be exceedingly expensive, since Distribution
11 presently has approximately 4,300 MMT and DMT
12 transportation service customers in Pennsylvania and
13 receives gas supplies for customers' accounts at
14 hundreds of points of delivery.

15 The total purchased gas costs associated
16 with transportation customer imbalances are provided
17 on PGC Exhibit No.24A. Tables I through V on PGC
18 Exhibit No.24A present the calculation of purchased
19 gas costs associated with transportation customer
20 imbalances. Purchased gas costs associated with
21 transportation imbalances can be segregated into two
22 general components: (1) costs associated with storage
23 requirements (Tables I through IV), and (2)

1 transportation costs associated with moving such gas
2 from storage (Table V).

3 The storage costs associated with
4 transportation customer imbalances (Tables I through
5 IV) were calculated using Supply's Enhanced Storage
6 Service ("ESS") rates. Four rate components are
7 included in Supply's ESS Rate Schedule: (1)
8 deliverability, (2) capacity, (3) injection and
9 withdrawal, and (4) shrinkage.

10 The deliverability cost component is
11 summarized in Table I of PGC Exhibit No.24A. The
12 storage deliverability requirement in Table I of
13 30,978 Mcf is equal to the MMT design peak day
14 deficiency of 27,313 Mcf calculated in PGC Exhibit No.
15 26-B, plus a local production amount of 2,280 Mcf
16 which is a balancing requirement for monthly metered
17 local production deliveries that MMNGS customers rely
18 on during a winter period, plus an amount of 1,385 Mcf
19 of allocated contingency capacity. Contingency
20 capacity assures reliability in the event a marketer
21 fails to deliver its required supplies, as well as to
22 protect the sales customers should there be a capacity
23 or supplier failure, or should the system experience

1 load requirements that exceed current peak day
2 projections. The total deliverability requirement is
3 30,978 Mcf (27,313 Mcf + 2,280 Mcf + 1385 Mcf).

4 The design peak day deficiency requirements
5 of DMT customers are excluded from the MMT storage
6 deliverability calculation, because, in a previous
7 Distribution 1307(f) proceeding (R-953487), the
8 Commission modified the DMT service so that, during
9 critical supply situations, a DMT customer's access to
10 overdelivered gas supplies is extremely limited. In
11 effect, a DMT customer's access to peak day storage
12 deliverability is interruptible. Since such access is
13 interruptible, it is not appropriate to allocate such
14 costs to transportation customers.

15 Table II of PGC Exhibit No.24A calculates
16 the ESS capacity costs associated with total
17 overdeliveries of transportation customers. The
18 capacity charged to transportation customers is equal
19 to the average monthly balancing storage inventories
20 the 12 months ended July 2024.

21 The storage injection and withdrawal costs
22 associated with balancing transportation customers'
23 usage and deliveries are provided in Table III of PGC

1 Exhibit No.24A.

2 Supply's ESS rate is also subject to a
3 shrinkage factor of 0.84%. The cost of shrinkage for
4 storage services related to transportation customers
5 is the average storage capacity reserved for
6 transportation service multiplied by the shrinkage
7 factor times Distribution's average commodity cost of
8 purchased gas. Table IV of PGC Exhibit No.24A shows
9 the shrinkage cost calculation.

10 In addition to storage service, it is
11 necessary for such gas to be moved from storage
12 fields. In order to move gas from ESS storage,
13 Enhanced Firm Transportation ("EFT") is required also.
14 Supply's ESS service does not include the associated
15 costs of transportation service. Table V of PGC
16 Exhibit No.24A summarizes costs of Supply's EFT
17 capacity which must be used by Distribution in order
18 to move gas from storage to meet monthly metered
19 transportation customers' design peak day deficiency
20 requirements.

21 The total purchased gas costs associated
22 with transportation customer imbalances is the sum of

1 the costs identified on Tables I through V of PGC
2 Exhibit No.24A.

3 C) MMT Rate Proposed By Distribution

4 The unit MMT rate resulting from the costs
5 incurred to support transportation imbalances is
6 \$0.5100/Mcf ($\$0.5100/\text{Mcf} = \$4,099,227$ divided by
7 $8,037,921$ Mcf). The current MMT rate is $\$0.47/\text{Mcf}$.
8 The Company is proposing an increase to the rate to
9 $\$0.51/\text{Mcf}$.

10 D) Charges for Transportation

11 Overdeliveries and Underdeliveries for
12 Daily Metered Transportation Customers

13
14 Distribution established its DMT rate
15 schedule in the first 1307(f) proceeding affected by
16 Order 636. Distribution implemented substantial
17 changes to its banking/balancing services for
18 transportation customers in that proceeding. These
19 changes were due to the fact that, following Supply's
20 restructuring proceeding under FERC Order 636,
21 Distribution in fact provided banking/balancing
22 service by use of Supply's storage facilities and
23 upstream pipeline capacity - not by changes in levels
24 of gas purchases from Supply at different times.
25 Following restructuring, Distribution scheduled

1 deliveries of gas to it and for its account into
2 storage. All differences between the volume of gas
3 scheduled by Distribution from gas producers and the
4 volume of gas delivered to Distribution's customers,
5 including transportation imbalances, other than
6 shrinkage, will cause increases or decreases in the
7 volumes of gas injected into or withdrawn from storage
8 facilities. Therefore, banking and balancing charges
9 were based on costs incurred to provide the service,
10 primarily storage-related costs and costs of upstream
11 pipeline capacity on Supply.

12 DMT service includes a 2% tolerance level
13 for imbalance charges to recognize the potential for
14 measurement errors of the DMT customer's consumption.
15 A balancing tolerance of 2% is reasonable and should
16 be achievable by most DMT customers. Therefore, so
17 long as a customer has a banked balance which does not
18 exceed 2% of the volume of gas transported by
19 Distribution to it in the billing month, there will be
20 no additional charge for banking/balancing service.

21 If, however, the customer has an
22 overdelivery imbalance in excess of 2% of the volume
23 of gas transported to the customer by Distribution

1 during the billing month, but less than 37% of the
2 volume transported, the customer will incur an
3 additional charge. The amount of the additional
4 charge is currently \$0.6351 per Mcf. Distribution is
5 not proposing to change this rate at this time.

6 A greater charge will be applied to
7 transportation service customers using Distribution's
8 banking/balancing service when volumes in storage
9 exceed 37% of the volume of gas Distribution delivered
10 to the customer during the billing month.

11 Historically, approximately thirty-seven percent of
12 sales customers' normal winter requirements are met
13 with gas from storage. The remainder of sales
14 customers' requirements are met by gas transported on
15 upstream pipelines. Therefore, to the extent that a
16 transportation customer has banked more than 37% of
17 its requirements, it is using storage to a greater
18 degree than are sales customers. The transportation
19 customer is, therefore, preventing the use of storage
20 for sales customers and requiring the use of upstream
21 capacity. It is only fair that when a transportation
22 customer meets more than 37% of its requirements
23 through storage it should contribute to recovery of

1 the costs of upstream capacity. The additional rate
2 for use of banking/balancing service in excess of 37%
3 of volumes delivered to transportation service
4 customers during a billing month is designed to
5 provide a contribution to recovery of costs of
6 upstream pipeline capacity and to provide a further
7 incentive for transportation customers and their
8 suppliers to match customer usage with deliveries. All
9 banked volumes exceeding 37% of monthly transportation
10 deliveries are currently billed at a \$0.7624 per Mcf
11 rate. Distribution is not proposing to change this
12 rate at this time.

13 It is important to recognize that
14 Distribution did not design its charges for
15 overdeliveries to be a gas storage service.
16 Distribution has designed the overdelivery rates to
17 provide an incentive to its transportation customers
18 and their marketers to match as closely as possible a
19 customer's gas usage with the customer's
20 transportation deliveries. Distribution believes its
21 overdelivery charge achieves this incentive while at
22 the same time providing a mechanism that recovers the
23 costs of overdelivery services.

1 When a DMT customer on any day uses gas
2 supplies in excess of current deliveries and prior
3 "banked" volumes, the customer is using Distribution's
4 gas supplies for which it must, under the
5 restructuring procedures pursuant to FERC Order 636,
6 contract directly with producers or other gas
7 suppliers. When a DMT service customer is truly
8 drawing upon Distribution's gas supplies, it is only
9 fair that the customer compensate Distribution, and
10 Distribution's sales customers, for use of such gas
11 supply.

12 Therefore, in its first 1307(f) proceeding
13 affected by Order 636, Distribution proposed, and the
14 Commission accepted (with the exception of a 2% daily
15 delivery tolerance for DMT underdeliveries), that
16 transportation customer's use of Distribution's gas
17 supplies be considered a sale of gas by Distribution
18 to the customer, which cannot be eliminated by
19 subsequent overdeliveries. Distribution is not
20 proposing to change this requirement for DMT customers
21 in this proceeding.

Table I

MMT Storage Deliverability Requirement (Mcf)	30,978	
Multiplied by:		
Dth Conversion Factor	<u>1.0490</u>	
Equals:		
Storage Deliverability Requirement (Dth)	32,496	
Multiplied by:		
Monthly ESS Deliverability Charge (\$ per Dth)	<u>\$ 3.2263</u>	
Equals:		
Monthly Deliverability Cost	\$ 104,841	
Multiplied by:		
Number of Months in the Year	<u>12</u>	
Equals:		
Total Annual Deliverability Costs		\$ 1,258,093

Table II

Capacity Requirement (Mcf)	136,617	
Multiplied by:		
Dth Conversion Factor	<u>1.0490</u>	
Equals:		
Capacity Requirement (Dth)	143,311	
Multiplied by:		
Monthly ESS Capacity Charge (\$ per Dth)	<u>\$ 0.0589</u>	
Equals:		
Monthly Capacity Cost	\$ 8,441	
Multiplied by:		
Number of Months in the Year	<u>12</u>	
Equals:		
Total Annual Capacity Cost		\$ 101,292

Table III

Capacity Requirement (Mcf)	136,617	
Multiplied by:		
Dth Conversion Factor	<u>1.0490</u>	
Equals:		
Capacity Requirement (Dth)	143,311	
Multiplied by:		
ESS Injection/Withdrawal Charge (\$ per Dth)	<u>\$ 0.0820</u>	
Equals:		
Total ESS Injection/Withdrawal Charge		\$ 11,751

Table IV

Capacity Requirement (Mcf)	136,617	
Multiplied by:		
Shrinkage Factor	<u>0.84%</u>	
Equals:		
Amount of Shrinkage (Mcf)	1,148	
Multiplied by:		
Average Upstream Commodity Gas Cost (\$/Mcf)	<u>\$ 3.2334</u>	
Equals:		
Shrinkage Cost		\$ 3,711

Table V

Storage Deliverability Requirement (Mcf)	30,978	
Multiplied by:		
Dth Conversion Factor	<u>1.0490</u>	
Equals:		
Storage Deliverability Requirement (Dth)	32,496	
Multiplied by:		
Monthly EFT Reservation Charge (\$ per Dth)	<u>\$ 6.9865</u>	
Equals:		
Monthly EFT Reservation Cost	\$ 227,032	
Multiplied by:		
Number of Months in the Year	<u>12</u>	
Equals:		
Total Annual EFT Reservation Costs		<u>\$ 2,724,380</u>
Total Cost		\$ 4,099,227
MMT Volumes		8,037,921
MMT Unit Costs		<u>\$ 0.5100</u>
Current MMT Rate		<u>\$0.4700</u> effective 11/1/2024
Proposed MMT Rate		<u>\$0.5100</u>

MMT Volumes - Actual TME Consumption (Mcf)

Source: PA Revenue Report - EFACT Volumes tab. Use the "DUAL" Total

Billed Revenue Month	
Dec 23	957,789
Jan 24	1,066,788
Feb	1,242,046
Mar	1,045,864
Apr	920,561
May	612,344
Jun	379,122
Jul	302,578
Aug	293,231
Sept	319,040
Oct	341,822
Nov 24	556,736
	8,037,921

National Fuel Gas Distribution Corporation
2025 1307(f) Filing
NYMEX Price Projection

Projected Month		NYMEX ¹ Settle/Average (\$/Dth)
November	2024	\$2.346
December	2024	\$2.998
January	2025	\$3.228
February	2025	\$3.091
March	2025	\$2.821
April	2025	\$2.799
May	2025	\$2.897
June	2025	\$3.053
July	2025	\$3.210
August	2025	\$3.246
September	2025	\$3.222
October	2025	\$3.296
November	2025	\$3.550
December	2025	\$3.972
January	2026	\$4.198
February	2026	\$4.001
March	2026	\$3.554
April	2026	\$3.259
May	2026	\$3.286
June	2026	\$3.419
July	2026	\$3.559
August	2026	\$3.595
September	2026	\$3.563
October	2026	\$3.626
November	2026	\$3.854
December	2026	<u>\$4.237</u>
Average		<u><u>\$3.421</u></u>
August 2025-July 2026		<u><u>\$3.547</u></u>

Footnote:

1. NYMEX Settle as of November 18, 2024
CME Group - Henry Hub Natural Gas Future Settlements

National Fuel Gas Distribution Corporation
Pennsylvania Division

Design Peak Day

National Fuel Gas Distribution Corporation (“Distribution” or the “Company”) identifies design peak day requirements for capacity planning purposes on pages 2 and 3 of this Exhibit.

With respect to page 2, Column A contains total requirements on a throughput basis in Mcf. Columns B and C contain the Monthly Metered Transportation (“MMT”) imbalance requirement in Mcf, at 52 and 22 heating degree days respectively. It should be noted that the MMT imbalance requirement at 22 heating degree days is the difference between 74 heating degree days and 52 heating degree days. Column D contains the Daily Metered Transportation (“DMT”) imbalance requirement in Mcf, which is calculated as 2% of DMT requirements.

Page 3 provides a calculation of the MMT requirements in Mcf, at 52 heating degree days. For heat sensitive customer classes (residential, commercial and public authority), Distribution utilizes a method of extracting a base load volume and computing a daily heating volume for 52 heating degree days. The daily base load volume is added to the daily heating volume to determine the base case peak day requirements at 52 heating degree days. Gas usage of customers in the industrial classes (i.e., Small Volume Industrial Service, Intermediate Volume Industrial Service, Large Volume Industrial Service, and Large Industrial Service) represents an average day.

National Fuel Gas Distribution Corporation
Pennsylvania Division
2025 Extreme Peak Day for Capacity Allocation
Volumes in Mcf

	(A)	(B)	(C)	(D)
	74	52	22	Daily Metered
	Degree	Degree	Degree	Transportation
	Days	Days	Days	(DMT) Imbalance
Retail Sales				
Residential	211,080			
Commercial	37,130			
Industrial - SVIS and IVIS ⁽¹⁾	1,774			
Public Authority	2,718			
Company Use	79			
Total Retail Sales	252,781			
Retail Shrinkage (0.15%)	380			
Total Retail Sales Requirements	253,161			
Transportation Service				
Small Aggregation Transportation (SATC)				
Residential	18,150			
Commercial	3,266			
Industrial - SVIS and IVIS ⁽¹⁾	80			
Public Authority	252			
Small Aggregation Transportation (SATC) Service	21,748			
Small Aggregation Transportation (SATC) Shrinkage (0.15%)	33			
Small Aggregation Transportation (SATC) Requirements	21,781			
Monthly Metered Transportation (MMT)				
Residential	4,176	2,993	1,183	
Commercial	43,786	31,385	12,401	
Industrial - SVIS and IVIS ⁽¹⁾	22,954	15,550	7,404	
Industrial - LVIS ⁽²⁾	1,290	1,290	0	
Industrial - LIS ⁽³⁾	3,545	3,545	0	
Public Authority	22,168	15,891	6,277	
Monthly Metered Transportation (MMT) Service	97,919	70,654	27,265	
Monthly Metered Transportation (MMT) Shrinkage (0.15%)	147	106	41	
Monthly Metered Transportation (MMT) Requirements	98,066	70,760	27,306	
Daily Metered Transportation (DMT)				
Commercial	3,287			
Industrial - IVIS ⁽⁴⁾	0			
Industrial - LVIS ⁽²⁾	7,957			
Industrial - LIS ⁽³⁾	11,998			
Industrial - DMLMTS ⁽⁵⁾	33,233			
Public Authority	2,345			
Daily Metered Transportation (DMT) Service	58,820			
Daily Metered Transportation (DMT) Shrinkage (0.15%)	73			
Daily Metered Transportation (DMT) Requirements	58,893			
Daily Metered Transportation (DMT) Imbalance (2% of DMT Requirements)				1,178
Total Transportation Service	178,487			
Total Transportation Service Shrinkage (0.15%)	253			
Total Transportation Service Requirements	178,740			
Total Throughput	431,268			
Total Throughput Shrinkage (0.15%)	633			
Total Requirements	431,901			

Footnotes:

- (1) SVIS is Small Volume Industrial Service and IVIS is Intermediate Volume Industrial Service.
- (2) LVIS is Large Volume Industrial Service.
- (3) LIS is Large Industrial Service.
- (4) IVIS is Intermediate Volume Industrial Service.
- (5) DMLMTS is Daily Metered Large Manufacturing Transportation Service.

National Fuel Gas Distribution Corporation
 Pennsylvania Division
 2025 Extreme Peak Day for Capacity Allocation
 Volumes in Mcf
 Shrinkage 0.15%

BASE CASE

JANUARY NORMAL DEGREE DAYS =	1,116						2025
	Jan-25	Monthly Base Load	Monthly Heat Load	Heat Load/ Normal DD	Daily Heat Load @ 52 DD	Daily Base Load @ Normal DD	52 DEG DAYS
Transportation Service							
Monthly Metered Transportation (MMT)							
Residential	66,117	6,135	59,982	54	2,795	198	2,993
Commercial	693,367	64,333	629,034	564	29,310	2,075	31,385
Industrial - SVIS and IVIS ⁽¹⁾	480,765						15,509
Industrial - LVIS ⁽²⁾	0						0
Industrial - LIS ⁽³⁾	44,038						1,421
Public Authority	351,060	32,573	318,487	285	14,840	1,051	15,891
MMT Transportation Service	1,635,347						67,199
MMT Transportation Shrinkage	2,457						101
MMT Transportation Requirements	1,637,804						67,300

Footnotes:

- (1) SVIS is Small Volume Industrial Service and IVIS is Intermediate Volume Industrial Service.
- (2) LVIS is Large Volume Industrial Service.
- (3) LIS is Large Industrial Service.

National Fuel Gas Distribution Corporation
 Pennsylvania Division

Capacity Allocation

2026 Design Peak Day (74 DD) Citygate Requirements
 BTU factor: 1.049

Capacity:	Capacity Requirements (Mcf)	Capacity Requirements (Dth)
Distribution's Capacity Requirement		
- Retail	254,903	267,393
- Small Aggregation Transportation Customers (SATC)	21,931	23,006
- Monthly Metered Transportation (MMT) Imbalance	27,313	28,651
- Daily Metered Transportation (DMT) Imbalance (2% of DMT)	977	1,025
- Priority Standby Requirement	6,211	6,515
- Local Production Balancing	2,280	2,392
Total	313,615	328,982
Non-SATC Transportation Capacity Requirement		
- MMT Customers	97,807	102,600
- DMT Customers	48,854	51,248
Sub-Total	146,661	153,848
- Less Priority Standby Requirement from Distribution	(6,211)	(6,515)
- Less MMT Balancing from Distribution	(27,313)	(28,651)
- Less DMT Balancing from Distribution	(977)	(1,025)
- Less Local Production Balancing from Distribution	(2,280)	(2,392)
Total Non-SATC Transportation Capacity Requirement	109,880	115,265
Sub-Total Capacity Requirement	423,495	444,247
Plus:		
Contingency Capacity Requirement	20,791	21,810
Total Capacity Requirement	444,286	466,057

National Fuel Gas Distribution Corporation
Pennsylvania Division

Historical Loss and Unaccounted For

National Fuel Gas Distribution Corporation (“Distribution” or the “Company”) considers twelve-month periods ending in August to be proper periods in which to measure unaccounted-for-gas. During these periods, receipts and deliveries are least affected by weather, demonstrating the most representative level of unaccounted-for-gas. Page 2 of this Exhibit provides the Company’s actual, experienced level of unaccounted-for-gas for the sixty months ended August 2024, August 2023, August 2022, August 2021, and August 2020. This page also provides the Company Use percentage for the same sixty month periods.

Pages 3 and 4 of this Exhibit show the monthly unaccounted-for-gas levels from August 2020 through August 2024. The Gas Received Total (Column 4) includes Gas Received From Production Facilities (Column 1), Gas Received From Interstate Pipelines (Column 2) and Gas Received From Other Sources (Column 3). The Gas Delivered Total (Column 7) includes Gas Delivered To Customers (Column 5) and Gas Delivered To Interstate Pipeline (Column 6). The Adjustments Total (Column 10) includes Located & Repaired Breaks in Mains/Services (Column 8) and Distribution Company Use (Column 9). Distribution Unaccounted-For-Gas (Column 11) is calculated as follows: Gas Received Total (Column 4) – Gas Delivered Total (Column 7) – Adjustments Total (Column 10). Percent Unaccounted-For-Gas (Column 12) is calculated by dividing Distribution Unaccounted-For-Gas (Column 11) by the Gas Received Total (Column 4). The 12 month Unaccounted-For-Gas percent is shown in Column 13 and the 60 month Unaccounted-For-Gas percent is shown in Column 14. The 12 month Company Use percent is shown in Column 15 and the 60 month Company Use percent is shown in Column 16.

National Fuel Gas Distribution Corporation
Pennsylvania Division
Historical Loss and Unaccounted For
Summary

Month Ended	Unaccounted-		Company Use		Total	
	For-Gas	60-Month Average				
Aug-24	-0.44%	0.02%	0.02%	-0.42%	-0.42%	-0.42%
Aug-23	-0.35%	0.02%	0.02%	-0.34%	-0.34%	-0.34%
Aug-22	-0.15%	0.02%	0.02%	-0.13%	-0.13%	-0.13%
Aug-21	-0.08%	0.02%	0.02%	-0.07%	-0.07%	-0.07%
Aug-20	-0.04%	0.02%	0.02%	-0.03%	-0.03%	-0.03%

National Fuel Gas Distribution Corporation
Pennsylvania Division
Historical Loss and Unaccounted For
Volumes in Mcf

	A			B			C			D			E			
	(1) Gas Received From Production Facilities	(2) Gas Received From Interstate Pipelines	(3) Gas Received From Other Sources	(4) Gas Received Total	(5) Gas Delivered To Customers	(6) Gas Delivered To Interstate Pipeline	(7) Gas Delivered Total	(8) Located & Repaired Breaks in Mains/Services	(9) Distribution Company Use	(10) Adjustments Total	(11) Distribution Unaccounted- For- Gas	(12) Percent Unaccounted- For- Gas	(13) Unaccounted- For- Gas	(14) 60 Mth Unaccounted- For- Gas	(15) 12 Mth Company Use	(16) 60 Mth Company Use
Aug-24	185,479	1,538,424	2,175	1,726,165	1,388,573	0	1,744,455	148	65	213	-18,503	-1.07%	-0.41%	-0.44%	0.01%	0.02%
Jul-24	186,571	1,408,657	3,302	1,598,969	1,264,842	0	1,572,811	34	173	207	25,951	1.62%	-0.45%	-0.44%	0.01%	0.02%
Jun-24	183,629	1,495,687	4,704	1,684,278	1,319,656	0	1,693,139	170	255	425	-9,286	-0.55%	-0.47%	-0.46%	0.01%	0.02%
May-24	205,203	1,909,898	6,115	2,021,966	1,485,109	0	2,079,237	128	365	493	-57,764	-2.86%	-0.48%	-0.47%	0.01%	0.02%
Apr-24	193,878	1,937,257	13,277	3,465,894	2,088,932	0	3,508,546	363	700	1,063	-43,715	-1.26%	-0.53%	-0.51%	0.01%	0.02%
Mar-24	194,888	4,587,257	15,394	4,798,926	2,957,526	0	5,645,215	1,066	904	1,010	-157,299	-3.28%	-0.61%	-0.58%	0.01%	0.02%
Feb-24	189,199	5,361,008	20,683	5,572,693	2,737,099	0	6,445,215	1,311	1,228	1,359	-74,579	-1.34%	-0.34%	-0.47%	0.01%	0.02%
Jan-24	197,264	6,375,235	15,145	6,889,474	3,176,930	0	6,740,832	1,221	1,087	1,219	147,423	2.14%	-0.21%	-0.55%	0.01%	0.02%
Dec-23	197,798	4,974,761	11,040	5,984,992	2,565,318	0	5,662,001	50	833	883	22,108	0.39%	-0.77%	-0.37%	0.01%	0.02%
Nov-23	204,956	4,445,106	16,591	4,665,393	2,461,785	0	4,610,162	94	372	466	54,765	1.17%	-0.46%	-0.41%	0.01%	0.02%
Oct-23	214,555	2,676,628	7,607	2,898,065	1,843,630	0	2,923,329	320	114	434	-24,698	-0.85%	-0.34%	-0.32%	0.01%	0.02%
Sep-23	208,976	1,590,944	6,314	1,735,181	1,333,753	0	1,770,305	2	49	51	-37,175	-2.14%	-0.44%	-0.35%	0.01%	0.02%
Aug-23	195,424	1,484,997	6,783	1,707,756	1,737,926	0	1,737,926	235	30	265	-37,435	-2.20%	-0.62%	-0.35%	0.01%	0.02%
Jul-23	197,424	1,397,558	6,173	1,601,155	1,580,214	0	1,580,214	373	50	423	20,518	1.28%	-0.80%	-0.34%	0.01%	0.02%
Jun-23	206,476	1,499,433	6,477	1,712,386	1,726,124	0	1,726,124	162	226	388	-14,126	-0.82%	-0.78%	-0.34%	0.01%	0.02%
May-23	211,957	1,915,054	8,291	2,411,302	2,491,338	0	2,491,338	178	384	562	-80,598	-3.34%	-0.84%	-0.46%	0.01%	0.02%
Apr-23	200,506	3,175,443	7,414	3,383,363	3,463,779	0	3,463,779	155	659	814	-81,230	-2.40%	-0.92%	-0.49%	0.01%	0.02%
Mar-23	185,027	5,493,793	11,169	5,709,589	5,753,045	2	5,753,045	2	1,042	1,044	-44,500	-0.78%	-0.99%	-0.38%	0.02%	0.02%
Feb-23	204,622	5,339,487	19,776	5,544,285	5,559,492	10	5,559,492	10	12,102	12,200	-16,427	-0.30%	-1.20%	-0.24%	0.02%	0.02%
Jan-23	211,610	5,818,905	8,838	6,031,353	6,122,211	3	6,122,211	5	12,022	12,025	-92,063	-1.53%	-0.92%	-0.31%	0.02%	0.02%
Dec-22	208,955	6,084,031	13,865	6,306,831	6,161,663	0	6,161,663	5	10,211	10,216	144,162	2.29%	-0.48%	-0.15%	0.02%	0.02%
Nov-22	212,684	4,211,842	10,209	4,434,712	4,318,782	0	4,318,782	81	389	470	115,465	2.69%	-0.67%	-0.12%	0.02%	0.02%
Oct-22	226,544	2,845,360	1,405	3,084,496	3,153,301	0	3,153,301	212	262	474	-69,279	-2.25%	-0.65%	-0.13%	0.02%	0.02%
Sep-22	226,544	1,641,459	3,219	1,871,222	1,888,332	0	1,888,332	74	26	100	-117,210	-6.26%	-0.69%	-0.16%	0.02%	0.02%
Aug-22	215,975	1,458,382	2,866	1,675,923	1,648,823	0	1,648,823	530	34	564	-117,952	-7.27%	-0.55%	-0.15%	0.02%	0.02%
Jul-22	240,081	1,535,341	4,189	1,777,611	1,816,103	0	1,816,103	283	255	538	-39,030	-2.20%	-0.40%	-0.16%	0.02%	0.02%
Jun-22	250,605	2,028,053	6,660	2,285,318	2,404,088	0	2,404,088	13	445	458	-119,228	-5.22%	-0.29%	-0.15%	0.02%	0.02%
May-22	233,874	3,708,949	9,912	3,953,735	4,068,787	0	4,068,787	15	929	944	-116,996	-3.96%	-0.23%	-0.08%	0.02%	0.02%
Apr-22	222,164	5,235,081	6,587	5,463,832	5,599,055	0	5,599,055	221	1,428	1,649	-136,872	-2.51%	-0.31%	-0.19%	0.02%	0.02%
Mar-22	201,088	6,267,195	12,811	6,481,094	6,377,309	0	6,377,309	30	1,602	1,632	102,153	1.58%	-0.16%	-0.02%	0.02%	0.02%
Feb-22	216,014	7,837,455	7,616	8,061,085	7,957,773	0	7,957,773	5	1,475	1,480	101,832	1.26%	-0.55%	-0.13%	0.02%	0.02%
Jan-22	231,533	5,219,937	9,286	5,459,146	5,400,009	0	5,400,009	50	1,027	1,077	58,060	1.06%	-0.63%	-0.19%	0.02%	0.02%
Dec-21	237,250	4,648,372	9,286	4,894,908	4,774,517	0	4,774,517	285	455	740	119,651	2.44%	-0.50%	-0.04%	0.02%	0.02%
Nov-21	256,605	2,244,176	3,073	2,503,854	2,586,466	0	2,586,466	421	24	497	-83,109	-3.32%	-0.37%	-0.11%	0.02%	0.02%
Oct-21	242,526	1,758,952	3,657	2,005,135	2,059,031	0	2,059,031	215	24	239	-54,135	-2.70%	-0.40%	-0.07%	0.02%	0.02%
Sep-21	244,835	1,700,956	2,779	1,948,570	1,990,830	0	1,990,830	197	23	220	-41,632	-2.14%	-0.40%	-0.09%	0.02%	0.02%
Aug-21	241,483	1,600,415	1,918	1,843,816	1,819,595	0	1,819,595	61	40	101	24,222	1.31%	-0.35%	-0.08%	0.02%	0.02%
Jul-21	248,454	1,690,050	5,613	1,944,117	1,933,455	0	1,933,455	582	267	849	9,762	0.50%	-0.48%	-0.11%	0.02%	0.02%
Jun-21	267,867	2,376,503	5,162	2,644,532	2,735,668	0	2,735,668	1,120	441	1,561	-92,904	-3.51%	-0.75%	-0.15%	0.02%	0.02%
May-21	247,042	3,949,332	9,157	3,605,531	3,760,328	0	3,760,328	627	627	690	-154,937	-4.30%	-0.65%	-0.17%	0.02%	0.02%
Apr-21	244,566	4,715,164	13,178	4,973,908	5,035,688	0	5,034,982	16	1,263	1,269	-62,363	-1.23%	-0.43%	-0.04%	0.02%	0.02%
Mar-21	211,901	6,432,053	18,408	6,662,362	6,748,925	0	6,748,925	36	1,602	1,638	81,681	1.23%	-0.95%	-0.14%	0.02%	0.02%
Feb-21	238,263	6,536,538	11,059	6,785,660	6,714,262	0	6,714,262	191	1,395	1,386	71,817	1.06%	-0.43%	-0.08%	0.02%	0.02%
Jan-21	242,510	5,865,235	12,578	6,120,323	6,002,599	0	6,002,599	378	968	977	116,315	1.90%	-0.31%	0.08%	0.02%	0.02%
Dec-20	240,834	4,767,189	-10,564	3,968,446	3,784,497	0	3,784,497	704	269	973	182,874	4.81%	-0.05%	-0.01%	0.02%	0.02%
Nov-20	261,400	2,617,859	966	2,880,225	2,977,795	0	2,977,795	281	34	315	-98,543	-3.10%	-0.13%	-0.06%	0.02%	0.02%
Oct-20	265,969	1,428,128	3,952	1,698,079	1,750,326	0	1,750,326	0	34	32	-52,562	-3.10%	-0.14%	-0.02%	0.02%	0.02%
Sep-20	255,606	1,257,820	3,205	1,516,631	1,536,705	0	1,536,705	0	32	32	-20,106	-1.33%	-0.22%	-0.04%	0.02%	0.02%
Aug-20	230,957	1,297,294	2,520	1,530,771	1,563,000	0	1,563,000	2	58	60	-32,289	-2.11%	-0.20%	-0.04%	0.02%	0.02%
Jul-20	238,478	1,372,204	4,902	1,615,584	1,724,757	0	1,724,757	1	183	184	-109,357	-6.77%	-0.11%	-0.01%	0.02%	0.02%
Jun-20	264,304	2,470,050	-3,029	2,771,313	2,777,313	0	2,777,313	1	618	618	-46,607	-1.71%	-0.03%	0.05%	0.02%	0.02%
May-20	247,955	3,725,648	17,088	3,990,691	4,048,452	0	4,048,452	1	863	864	-58,625	-1.47%	-0.17%	0.01%	0.02%	0.02%
Apr-20	256,165	4,556,290	9,349	4,821,804	5,114,838	0	5,114,838	446	1,098	1,544	-294,578	-6.11%	-0.41%	-0.02%	0.02%	0.02%

National Fuel Gas Distribution Corporation
Pennsylvania Division
Historical Loss and Unaccounted For
Volumes in Mcf

	A			B			C			D			E		
	(1) Gas Received From Production Facilities	(2) Gas Received From Interstate Pipelines	(3) Gas Received From Other Sources	(4) Gas Received Total	(5) Gas Delivered To Customers	(6) Gas Delivered To Interstate Pipeline	(7) Gas Delivered Total	(8) Located & Repaired Breaks in Mains/Services	(9) Distribution Company Use	(10) Adjustments Total	(11) Distribution Unaccounted- For- Gas	(12) Percent Unaccounted- For- Gas	(13) 12 Mth Unaccounted- For- Gas	(14) 60 Mth Unaccounted- For- Gas	(15) 12 Mth Company Use
Feb-20	228,067	6,097,201	10,586	6,335,854	6,184,617	0	6,184,617	43	1,451	1494	2.36%	0.25%	0.09%	0.02%	0.02%
Jan-20	229,733	6,256,155	12,641	6,500,529	6,367,404	0	6,367,404	396	3,544	3940	1.99%	-0.63%	0.08%	0.02%	0.02%
Dec-19	239,046	5,816,981	12,472	6,068,499	5,840,886	0	5,840,886	256	-1,151	-896	3.77%	0.26%	0.08%	0.01%	0.02%
Nov-19	250,270	5,084,826	6,808	5,341,904	5,075,540	0	5,075,540	188	521	709	4.97%	-0.35%	0.05%	0.02%	0.02%
Oct-19	270,715	2,511,449	4,037	2,786,201	3,008,502	0	3,008,502	77	104	181	-7.99%	-0.35%	0.02%	0.02%	0.02%
Sep-19	251,091	1,553,776	3,601	1,818,468	1,898,570	7,064	1,905,634	27	29	56	-4.80%	-0.01%	0.08%	0.02%	0.02%
Aug-19	269,838	1,589,120	3,305	1,862,263	1,874,171	0	1,874,171	223	21	244	-0.65%	-0.01%	0.07%	0.02%	0.02%
Jul-19	279,584	1,655,727	3,080	1,898,391	1,877,517	0	1,877,517	1	30	31	-1.58%	0.02%	0.08%	0.02%	0.02%
Jun-19	279,591	1,715,999	4,288	1,997,798	2,032,454	0	2,032,454	14	256	250	-1.75%	0.05%	0.08%	0.02%	0.02%
May-19	235,207	2,285,578	7,107	2,587,892	2,740,149	0	2,740,149	181	466	647	-5.31%	0.04%	0.09%	0.02%	0.02%
Apr-19	287,384	3,560,809	9,540	3,857,733	3,984,745	0	3,984,745	128	911	1039	-3.32%	-0.40%	0.10%	0.02%	0.02%
Mar-19	279,413	6,052,292	9,761	6,381,466	6,367,195	0	6,367,195	43	1,484	1527	0.20%	0.18%	0.10%	0.02%	0.02%
Feb-19	255,203	6,251,527	16,507	6,523,237	6,792,455	0	6,792,455	52	1,708	1760	-4.15%	0.69%	0.05%	0.02%	0.02%
Jan-19	275,501	7,610,930	5,823	7,892,254	7,335,271	0	7,335,271	90	1,409	1499	7.04%	0.91%	0.15%	0.02%	0.02%
Dec-18	324,740	5,779,316	7,167	6,111,223	6,180,536	0	6,180,536	2	1,277	1279	-1.16%	0.34%	0.05%	0.02%	0.02%
Nov-18	369,722	2,916,485	5,331	3,302,976	5,234,544	0	5,234,544	908	552	1460	4.83%	0.92%	0.11%	0.02%	0.02%
Oct-18	385,607	2,915,985	1,334	3,302,976	3,287,606	66,364	3,353,970	2735	118	2853	-1.63%	0.56%	0.08%	0.02%	0.02%
Sep-18	337,326	1,538,355	2,164	1,877,845	1,913,178	52,738	1,965,916	25	37	62	-4.69%	0.40%	0.06%	0.02%	0.02%
Aug-18	365,384	1,599,990	2,112	1,967,486	1,890,876	72,320	1,963,196	14	16	30	0.39%	0.39%	0.06%	0.02%	0.02%
Jul-18	322,530	1,545,640	4,351	1,872,521	1,826,082	59,770	1,885,852	104	16	120	-0.72%	0.30%	0.04%	0.02%	0.02%
Jun-18	354,439	1,560,637	5,506	1,920,582	1,890,932	67,968	1,958,900	41	72	113	-2.00%	0.28%	0.05%	0.02%	0.02%
May-18	369,061	1,735,778	8,114	2,112,953	2,412,417	73,321	2,485,738	36	486	522	-17.67%	1.07%	0.20%	0.02%	0.02%
Apr-18	347,986	4,571,425	9,607	4,929,018	4,764,127	0	4,764,127	46	1,183	1229	3.32%	1.07%	0.20%	0.02%	0.02%
Mar-18	348,779	6,127,242	7,940	6,483,961	6,218,200	0	6,218,200	5	1,291	1296	-0.05%	0.06%	0.06%	0.02%	0.02%
Feb-18	318,283	5,440,159	15,878	5,774,320	5,941,641	0	5,941,641	119	1,569	1977	-2.93%	-0.01%	-0.08%	0.02%	0.02%
Jan-18	339,718	7,575,053	17,557	7,930,328	7,649,122	0	7,649,122	324	1,732	2056	5.52%	-0.02%	-0.02%	0.02%	0.02%
Dec-17	350,566	6,591,406	1,581	6,943,553	6,719,608	0	6,719,608	198	1,227	1425	3.20%	-0.68%	-0.06%	0.02%	0.02%
Nov-17	359,116	4,325,973	10,211	4,695,500	4,616,147	0	4,616,147	37	446	483	1.68%	-0.28%	-0.15%	0.02%	0.02%
Oct-17	295,705	2,280,207	9,852	2,585,764	2,721,004	0	2,721,004	123	72	195	-5.24%	-0.55%	-0.11%	0.02%	0.02%
Sep-17	365,197	1,564,711	10,791	1,940,699	1,967,741	62,249	2,029,990	197	54	251	-4.61%	-0.26%	-0.05%	0.02%	0.02%

VI. Terms and Conditions of Settlement

E. Design Day Forecasting

49. Distribution will analyze its design day forecasting model with the goal of focusing on forecasting requirements for days with 50 Heating Degree Days (HDD) or greater. This analysis will include evaluation of the use of daily sendout data, as available. Distribution will provide the results of its analysis as part of its 2025 PGC pre-filing, including the workpapers and Excel files regarding the analysis. The Company will not be required to propose any changes to its design day forecasting model as a result of this review.

Response:

National Fuel Gas Distribution (Company) completed an analysis on its design day forecasting model as agreed to in the Joint Petition for Settlement of the Section 1307(f) Rate Investigation. To complete the analysis, the Company utilized historical daily sendout data to evaluate all instances within the past 7 years where the heating degree days (HDD) during a 24-hour period (ending at 11:59pm) were at or above 50 HDD (as seen in Exhibit 35 Workpaper 1). The Company chose to utilize 7 years because that is the maximum amount of daily data that the Company has available.

Utilizing a linear regression methodology, where volumetric usage for heat sensitive customers is directly correlated to the number HDDs, the Company determined what the anticipated usage per account would be if the design peak day was 74 HDD (as shown in Exhibit 35 Workpaper 2). The Company chose this methodology to address the argument made in the OCA Statement One Direct Testimony of Jerome D. Mierzwa on behalf of the Pennsylvania Office of the Consumer Advocate (pages 10 – 12) during the 2024 1307f proceedings. Specifically, that using monthly data does not do as good of a job at predicting the usage per HDD of weather sensitive customers as daily data does.

Based on its findings, the Company believes its design day forecasted volumes, developed utilizing its model are reasonable when compared to the results of the method utilizing the daily data regression. As detailed on pages 3-5 of Exhibit 35 Workpaper 2, the regression output result shows statistically insignificant results. For example, the residential r squared is .56, the commercial is .52, and the public authority is .47. These results show that in this situation, the HDD does not accurately forecast daily volumes. Additionally, as noted on page 1 of Exhibit 35 Workpaper 2, the variances between the daily data method and the Company's method are below 10% or a minimal difference in the outcome; thus, there is no additional benefit to the Company changing its methodology. Finally, and most importantly, the Company does not feel the daily data forecast properly account for the needs of our customers on a 74 HDD. As can be seen on page 2 of Exhibit 35 Workpaper 2 there are several instances in which the daily data forecast would leave the Company with insufficient capacity to meet our customer's needs, creating a potential risk.