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April 28, 2025

Chairman David Jones
ATTN: Ectory Lawless, Docket Clerk
Tennessee Public Utility Commission
502 Deaderick Street, 4th Floor
Nashville, TN 37243

Electronically Filed in TPUC Docket Room on April 28, 2025 at 4:22 p.m.

Re: Chattanooga Gas Company's Petition for Extension of its Pipe Replacement Program
Docket No. 25-00021

Dear Chairman Jones:

Attached for filing is the above-referenced docket is the Supplemental Testimony of Ashley K. Vette.

Should you have any questions, please do not hesitate to contact me.

Yours truly,

Butler Snow LLP

J. W. Luna

Enclosure

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Q. Please state your name, position, and business address.

A. My name is Ashley K. Vette, and I am the Manager of Rates and Tariff Administration for Southern Company Gas. My business address is Ten Peachtree Place NE, Atlanta, Georgia 30309.

Q. Are you the same Ashley K. Vette who previously filed direct testimony in this proceeding?

A. Yes, I am.

Q. What is the purpose of your testimony?

A. The purpose of my testimony is to provide additional analysis and understanding of the projected ratepayer impacts under the current seven-year pipeline replacement program ("PRP") timeline and the proposed ten-year timeline. Our further analysis confirms that the requested three-year PRP extension would still be beneficial ratepayers, meriting approval of CGC's Petition.

Q. Why did you prepare an additional analysis?

A. On March 21, 2025, I and other members of our team participated in an informal virtual meeting with representatives of the Consumer Advocate to answer their questions regarding the requested PRP extension. At the conclusion of that meeting, they requested the supporting material for the ratepayer impacts table I presented on page 3 of my direct testimony. Subsequently, CGC received six detailed informal data requests from the Consumer Advocate seeking further supporting documentation. In preparing the response to those informal data requests, I identified a potential ambiguity in the presentation of the rate impact information I provided on page 3 of my direct testimony. After some further consideration, I determined that there is a better way to analyze and present the information to demonstrate that the requested three-year PRP extension is in the public interest.

Q. Can you describe how you performed this further analysis?

A. Yes. At the most basic level, I calculated the rate impact of proceeding with the PRP under the current timeline, by calculating the rate impact variance with the seven-year PRP allocated to each Rate Schedule on an equal percentage basis as approved by the Commission. I then compared that to the rate impact variance with a three-year extension of the PRP, allocated in the same way. Unlike the prior analysis, though, I focused this analysis solely on costs associated with PRP, removing unrelated or outdated forecasted variables. I also included in this assessment, updated information that was not available at the time we originally filed this case. This additional information, including supporting material was provided in response to the Consumer Advocate's request and filed in this docket on April 10, 2025.

Q. What were the results of this analysis?

While a more conservative approach, subject to the small correction explained below, the results continue to show a significant reduction in rate impacts through 2028 versus what is projected if the PRP is extended for three additional years. For example, for the typical residential customer, without the requested three-year extension, projected monthly bills would be higher by $0.66 in 2027, $1.78 in 2028, and $1.51 in 2029. These results are presented in Exhibit A and a summary of is presented below.

Monthly Bill Impact with 10 Year PRP Program vs 7 Year Program				
	2027	2028	2029	2030
Residential R-1	$ (0.66)	$ (1.78)	$ (1.51)	$ 0.56
Small Commercial C-1	$ (1.40)	$ (3.77)	$ (3.20)	$ 1.18
Industrial F-1 T-2	$ (304.01)	$ (819.68)	$ (695.46)	$ 255.25

Q. You mentioned a small correction to the information you filed on April 10, 2025. Please explain.

A. The table above is identical to the information filed on April 10, 2025, with the exception of the 2027 "Monthly Bill Impact with 10 Year PRP vs 7 Year Program." Unfortunately, in preparing this supplemental testimony, we identified an error that occurred in the formatting of the spreadsheet prior to filing that resulted in understating the 2027 monthly bill impact figures. Only these three numbers were affected—the remaining numbers on that table, the other tables in the spreadsheet, and supporting information in other sheets of the spreadsheet were unaffected.

Q. Are the results of the analysis comparable to what is presented in the table on page 3 of your direct testimony?

A. Yes. The analysis still demonstrates that it is in the ratepayers interest to extend the PRP by three years.

Q. Does this conclude your supplemental testimony?

A. Yes.

	2027	2028	2029	2030	Summary
Revenue Requirement Impact	$ 960,009	$ 2,534,397	$ 2,065,376	$ (737,021)	

Monthly Bill Impact with 10 Year PRP Program vs 7 Year Program				
	2027	2028	2029	2030
Residential R-1	$ (0.66)	$ (1.78)	$ (1.51)	$ 0.56
Small Commercial C-1	$ (1.40)	$ (3.77)	$ (3.20)	$ 1.18
Industrial F-1 T-2	$ (304.01)	$ (819.68)	$ (695.46)	$ 255.25

Rate Impact with 10 Year PRP Program vs 7 Year Program				
Residential R-1	2027	2028	2029	2030
Winter Base Use Charge	$ (0.52)	$ (1.40)	$ (1.19)	$ 0.44
Summer Base Use Charge	$ (0.43)	$ (1.16)	$ (0.98)	$ 0.36
Commodity Charge/Therm	$ (0.00361)	$ (0.00969)	$ (0.00823)	$ 0.00304
Small Commercial C-1	2027	2028	2029	2030
Winter				
Base Use Charge	$ (0.96)	$ (2.59)	$ (2.20)	$ 0.81
Commodity Charge/Therm	$ (0.00575)	$ (0.01542)	$ (0.01310)	$ 0.00484
Summer				
Base Use Charge	$ (0.83)	$ (2.23)	$ (1.90)	$ 0.70
Commodity Charge/Therm	$ (0.00451)	$ (0.01211)	$ (0.01029)	$ 0.00380
Industrial F-1 T-2	2027	2028	2029	2030
Base Use Charge	$ (9.30)	$ (24.94)	$ (21.19)	$ 7.82
Demand Charge	$ (0.19)	$ (0.52)	$ (0.44)	$ 0.16
Commodity Charge				
First 1,500 Dths	$ (0.0251)	$ (0.0673)	$ (0.0571)	$ 0.0211
Next 2,500 Dths	$ (0.0214)	$ (0.0574)	$ (0.0488)	$ 0.0180
Next 11,000 Dths	$ (0.0122)	$ (0.0326)	$ (0.0277)	$ 0.0102
Over 15,000 Dths	$ (0.0075)	$ (0.0201)	$ (0.0171)	$ 0.0063

September

ARM Vintage Effective	2024 September 2025	2025 September 2026	2026 September 2027	2027 September 2028	2028 September 2029	2029 September 2030	2030 September 2031	2031 September 2032	2032 September 2033
7yr PRP - Impact	$ -	$ -	$ 960,009	$ 2,534,397	$ 2,065,376	$ (737,021)	$ -	$ -	$ -

Margin (included in Schedule 17.1 of Docket 24-00024) $ 59,611,088

		Base Rates Effective 9/1/2024						
		Historic Year	**2024**	**2025**	**2026**	**2027**	**2028**	**2029**
		Rate Effective Year	**2025**	**2026**	**2027**	**2028**	**2029**	**2030**
		Rate Impact Variance with 7 Year PRP	0.0%	0.0%	1.6%	4.3%	3.5%	-1.2%
R-1	WINTER (NOV - APR)							
Residential	Base Use Charge/Bill	$32.50	$ 32.50	$ 32.50	$ 33.02	$ 34.42	$ 35.61	$ 35.17
General Service	Commodity Charge/Therm	$0.22429	$ 0.22429	$ 0.22429	$ 0.22790	$ 0.23759	$ 0.24582	$ 0.24278
			$ -	$ -	$ -	$ -	$ -	$ -
	SUMMER (MAY - OCT)		$ -	$ -	$ -	$ -	$ -	$ -
	Base Use Charge/Bill	$26.80	$ 26.80	$ 26.80	$ 27.23	$ 28.39	$ 29.37	$ 29.01
	Commodity Charge/Therm	$0.22429	$ 0.22429	$ 0.22429	$ 0.22790	$ 0.23759	$ 0.24582	$ 0.24278
			$ -	$ -	$ -	$ -	$ -	$ -
Non-Metered Gas Light	18 Therm per Light per Month	$0.22429	$ 0.22429	$ 0.22429	$ 0.22790	$ 0.23759	$ 0.24582	$ 0.24278
			$ -	$ -	$ -	$ -	$ -	$ -
C-1	WINTER (NOV - APR)		$ -	$ -	$ -	$ -	$ -	$ -
Commercial & Industrial	Base Use Charge/Bill	$59.90	$ 59.90	$ 59.90	$ 60.86	$ 63.45	$ 65.65	$ 64.84
General Service	Flat Rate / Therms	$0.35703	$ 0.35703	$ 0.35703	$ 0.36278	$ 0.37820	$ 0.39130	$ 0.38646
			$ -	$ -	$ -	$ -	$ -	$ -
	SUMMER (MAY - OCT)		$ -	$ -	$ -	$ -	$ -	$ -
	Base Use Charge/Bill	$51.70	$ 51.70	$ 51.70	$ 52.53	$ 54.76	$ 56.66	$ 55.96
	Flat Rate / Therms	$0.28025	$ 0.28025	$ 0.28025	$ 0.28476	$ 0.29687	$ 0.30716	$ 0.30336
			$ -	$ -	$ -	$ -	$ -	$ -
Non-Metered Gas Light (C-1 & C-2)	WINTER (NOV - APR)		$ -	$ -	$ -	$ -	$ -	$ -
	18 Therm per Light per Month	$0.35703	$ 0.35703	$ 0.35703	$ 0.36278	$ 0.37820	$ 0.39130	$ 0.38646
			$ -	$ -	$ -	$ -	$ -	$ -
	SUMMER (MAY - OCT)		$ -	$ -	$ -	$ -	$ -	$ -
	18 Therm per Light per Month	$0.28025	$ 0.28025	$ 0.28025	$ 0.28476	$ 0.29687	$ 0.30716	$ 0.30336
			$ -	$ -	$ -	$ -	$ -	$ -
Air Conditioning	SUMMER (MAY - OCT)		$ -	$ -	$ -	$ -	$ -	$ -
	Flat Rate / Therm	$0.07553	$ 0.07553	$ 0.07553	$ 0.07675	$ 0.08001	$ 0.08278	$ 0.08176
			$ -	$ -	$ -	$ -	$ -	$ -
F-1	Base Use Charge	$577.40	$ 577.40	$ 577.40	$ 586.70	$ 611.64	$ 632.83	$ 625.01
Large Volume	Demand Charge / Demand Unit	$12.00	$ 12.00	$ 12.00	$ 12.19	$ 12.71	$ 13.15	$ 12.99
Firm Service	Commodity Charge / Dth		$ -	$ -	$ -	$ -	$ -	$ -
	First 1,500 Dths	$1.5568	$ 1.5568	$ 1.5568	$ 1.5819	$ 1.6492	$ 1.7063	$ 1.6852
	Next 2,500 Dths	$1.3294	$ 1.3294	$ 1.3294	$ 1.3508	$ 1.4082	$ 1.4570	$ 1.4390
	Next 11,000 Dths	$0.7553	$ 0.7553	$ 0.7553	$ 0.7675	$ 0.8001	$ 0.8278	$ 0.8176
	Over 15,000 Dths	$0.4663	$ 0.4663	$ 0.4663	$ 0.4738	$ 0.4939	$ 0.5110	$ 0.5047
			$ -	$ -	$ -	$ -	$ -	$ -
			$ -	$ -	$ -	$ -	$ -	$ -
T-2	Customer Charge	$577.40	$ 577.40	$ 577.40	$ 586.70	$ 611.64	$ 632.83	$ 625.01
Interruptible Transportatio	Demand Charge/Demand Unit	$12.00	$ 12.00	$ 12.00	$ 12.19	$ 12.71	$ 13.15	$ 12.99
Service with Firm Backup	Transportation Charge/Dth		$ -	$ -	$ -	$ -	$ -	$ -
	First 1,500 Dths	$1.5568	$ 1.5568	$ 1.5568	$ 1.5819	$ 1.6492	$ 1.7063	$ 1.6852
	Next 2,500 Dths	$1.3294	$ 1.3294	$ 1.3294	$ 1.3508	$ 1.4082	$ 1.4570	$ 1.4390
	Next 11,000 Dths	$0.7553	$ 0.7553	$ 0.7553	$ 0.7675	$ 0.8001	$ 0.8278	$ 0.8176
	Over 15,000 Dths	$0.4663	$ 0.4663	$ 0.4663	$ 0.4738	$ 0.4939	$ 0.5110	$ 0.5047
			$ -	$ -	$ -	$ -	$ -	$ -

Rates Effective 9/1/2027

R-1

Month	Therms	Customer Charge	Commodity Charge	Base Total	Total Bill	Customer Charge	Non-PGA Per Therm Rate	Base
Jan	121.27	$ (0.52)	$ (0.44)	$ (0.96)	$ (0.96)	$ (0.52)	$ (0.00361)	$ (0.00361)
Feb	105.88	$ (0.52)	$ (0.38)	$ (0.90)	$ (0.90)	$ (0.52)	$ (0.00361)	$ (0.00361)
Mar	83.57	$ (0.52)	$ (0.30)	$ (0.82)	$ (0.82)	$ (0.52)	$ (0.00361)	$ (0.00361)
Apr	44.63	$ (0.52)	$ (0.16)	$ (0.68)	$ (0.68)	$ (0.52)	$ (0.00361)	$ (0.00361)
May	19.73	$ (0.43)	$ (0.07)	$ (0.50)	$ (0.50)	$ (0.43)	$ (0.00361)	$ (0.00361)
Jun	10.43	$ (0.43)	$ (0.04)	$ (0.47)	$ (0.47)	$ (0.43)	$ (0.00361)	$ (0.00361)
Jul	10.23	$ (0.43)	$ (0.04)	$ (0.47)	$ (0.47)	$ (0.43)	$ (0.00361)	$ (0.00361)
Aug	10.23	$ (0.43)	$ (0.04)	$ (0.47)	$ (0.47)	$ (0.43)	$ (0.00361)	$ (0.00361)
Sep	10.74	$ (0.43)	$ (0.04)	$ (0.47)	$ (0.47)	$ (0.43)	$ (0.00361)	$ (0.00361)
Oct	31.51	$ (0.43)	$ (0.11)	$ (0.54)	$ (0.54)	$ (0.43)	$ (0.00361)	$ (0.00361)
Nov	66.32	$ (0.52)	$ (0.24)	$ (0.76)	$ (0.76)	$ (0.52)	$ (0.00361)	$ (0.00361)
Dec	104.54	$ (0.52)	$ (0.38)	$ (0.90)	$ (0.90)	$ (0.52)	$ (0.00361)	$ (0.00361)
	619.08	**$ (5.70)**	**$ (2.23)**	**$ (7.94)**	**$ (7.94)**			
				$ (0.66)				

Residential R-1	2027	2028	2029	2030
Winter Base Use Charge	$ (0.52)	$ (1.40)	$ (1.19)	$ 0.44
Summer Base Use Charge	$ (0.43)	$ (1.16)	$ (0.98)	$ 0.36
Commodity Charge/Therm	$ (0.00361)	$ (0.00969)	$ (0.00823)	$ 0.00304

Rates Effective 9/1/2028

R-1

Month	Therms	Customer Charge	Commodity Charge	Base Total	Total Bill	Customer Charge	Non-PGA Per Therm Rate	Base
Jan	121.27	$ (1.40)	$ (1.18)	$ (2.58)	$ (2.58)	$ (1.40)	$ (0.00969)	$ (0.00969)
Feb	105.88	$ (1.40)	$ (1.03)	$ (2.43)	$ (2.43)	$ (1.40)	$ (0.00969)	$ (0.00969)
Mar	83.57	$ (1.40)	$ (0.81)	$ (2.21)	$ (2.21)	$ (1.40)	$ (0.00969)	$ (0.00969)
Apr	44.63	$ (1.40)	$ (0.43)	$ (1.83)	$ (1.83)	$ (1.40)	$ (0.00969)	$ (0.00969)
May	19.73	$ (1.16)	$ (0.19)	$ (1.35)	$ (1.35)	$ (1.16)	$ (0.00969)	$ (0.00969)
Jun	10.43	$ (1.16)	$ (0.10)	$ (1.26)	$ (1.26)	$ (1.16)	$ (0.00969)	$ (0.00969)
Jul	10.23	$ (1.16)	$ (0.10)	$ (1.26)	$ (1.26)	$ (1.16)	$ (0.00969)	$ (0.00969)
Aug	10.23	$ (1.16)	$ (0.10)	$ (1.26)	$ (1.26)	$ (1.16)	$ (0.00969)	$ (0.00969)
Sep	10.74	$ (1.16)	$ (0.10)	$ (1.26)	$ (1.26)	$ (1.16)	$ (0.00969)	$ (0.00969)
Oct	31.51	$ (1.16)	$ (0.31)	$ (1.47)	$ (1.47)	$ (1.16)	$ (0.00969)	$ (0.00969)
Nov	66.32	$ (1.40)	$ (0.64)	$ (2.04)	$ (2.04)	$ (1.40)	$ (0.00969)	$ (0.00969)
Dec	104.54	$ (1.40)	$ (1.01)	$ (2.41)	$ (2.41)	$ (1.40)	$ (0.00969)	$ (0.00969)
	619.08	**$ (15.36)**	**$ (6.00)**	**$ (21.36)**	**$ (21.36)**			
				$ (1.78)				

Rates Effective 9/1/2029

R-1

Month	Therms	Customer Charge	Commodity Charge	Base Total	Total Bill	Customer Charge	Non-PGA Per Therm Rate	Base
Jan	121.27	$ (1.19)	$ (1.00)	$ (2.19)	$ (2.19)	$ (1.19)	$ (0.00823)	$ (0.00823)
Feb	105.88	$ (1.19)	$ (0.87)	$ (2.06)	$ (2.06)	$ (1.19)	$ (0.00823)	$ (0.00823)
Mar	83.57	$ (1.19)	$ (0.69)	$ (1.88)	$ (1.88)	$ (1.19)	$ (0.00823)	$ (0.00823)
Apr	44.63	$ (1.19)	$ (0.37)	$ (1.56)	$ (1.56)	$ (1.19)	$ (0.00823)	$ (0.00823)
May	19.73	$ (0.98)	$ (0.16)	$ (1.14)	$ (1.14)	$ (0.98)	$ (0.00823)	$ (0.00823)
Jun	10.43	$ (0.98)	$ (0.09)	$ (1.07)	$ (1.07)	$ (0.98)	$ (0.00823)	$ (0.00823)
Jul	10.23	$ (0.98)	$ (0.08)	$ (1.06)	$ (1.06)	$ (0.98)	$ (0.00823)	$ (0.00823)
Aug	10.23	$ (0.98)	$ (0.08)	$ (1.06)	$ (1.06)	$ (0.98)	$ (0.00823)	$ (0.00823)
Sep	10.74	$ (0.98)	$ (0.09)	$ (1.07)	$ (1.07)	$ (0.98)	$ (0.00823)	$ (0.00823)
Oct	31.51	$ (0.98)	$ (0.26)	$ (1.24)	$ (1.24)	$ (0.98)	$ (0.00823)	$ (0.00823)
Nov	66.32	$ (1.19)	$ (0.55)	$ (1.74)	$ (1.74)	$ (1.19)	$ (0.00823)	$ (0.00823)
Dec	104.54	$ (1.19)	$ (0.86)	$ (2.05)	$ (2.05)	$ (1.19)	$ (0.00823)	$ (0.00823)
	619.08	**$ (13.02)**	**$ (5.10)**	**$ (18.12)**	**$ (18.12)**			
				$ (1.51)				

Rates Effective 9/1/2030

R-1

Month	Therms	Customer Charge	Commodity Charge	Base Total	Total Bill	Customer Charge	Non-PGA Per Therm Rate	Base
Jan	121.27	$ 0.44	$ 0.37	$ 0.81	$ 0.81	$ 0.44	$ 0.00304	$ 0.00304
Feb	105.88	$ 0.44	$ 0.32	$ 0.76	$ 0.76	$ 0.44	$ 0.00304	$ 0.00304
Mar	83.57	$ 0.44	$ 0.25	$ 0.69	$ 0.69	$ 0.44	$ 0.00304	$ 0.00304
Apr	44.63	$ 0.44	$ 0.14	$ 0.58	$ 0.58	$ 0.44	$ 0.00304	$ 0.00304
May	19.73	$ 0.36	$ 0.06	$ 0.42	$ 0.42	$ 0.36	$ 0.00304	$ 0.00304
Jun	10.43	$ 0.36	$ 0.03	$ 0.39	$ 0.39	$ 0.36	$ 0.00304	$ 0.00304
Jul	10.23	$ 0.36	$ 0.03	$ 0.39	$ 0.39	$ 0.36	$ 0.00304	$ 0.00304
Aug	10.23	$ 0.36	$ 0.03	$ 0.39	$ 0.39	$ 0.36	$ 0.00304	$ 0.00304
Sep	10.74	$ 0.36	$ 0.03	$ 0.39	$ 0.39	$ 0.36	$ 0.00304	$ 0.00304
Oct	31.51	$ 0.36	$ 0.10	$ 0.46	$ 0.46	$ 0.36	$ 0.00304	$ 0.00304
Nov	66.32	$ 0.44	$ 0.20	$ 0.64	$ 0.64	$ 0.44	$ 0.00304	$ 0.00304
Dec	104.54	$ 0.44	$ 0.32	$ 0.76	$ 0.76	$ 0.44	$ 0.00304	$ 0.00304
	619.08	**$ 4.80**	**$ 1.88**	**$ 6.68**	**$ 6.68**			

Rates Effective 9/1/2027

C-1

Month	Therms	Customer Charge	Commodity Charge	Base Total	Total Bill	Customer Charge	Non-PGA Per Therm Rate	Base
Jan	231.25	$ (0.96)	$ (1.33)	$ (2.29)	$ (2.29)	$ (0.96)	$ (0.00575)	$ (0.00575)
Feb	255.22	$ (0.96)	$ (1.47)	$ (2.43)	$ (2.43)	$ (0.96)	$ (0.00575)	$ (0.00575)
Mar	190.10	$ (0.96)	$ (1.09)	$ (2.05)	$ (2.05)	$ (0.96)	$ (0.00575)	$ (0.00575)
Apr	84.89	$ (0.96)	$ (0.49)	$ (1.45)	$ (1.45)	$ (0.96)	$ (0.00575)	$ (0.00575)
May	32.58	$ (0.83)	$ (0.15)	$ (0.98)	$ (0.98)	$ (0.83)	$ (0.00451)	$ (0.00451)
Jun	22.45	$ (0.83)	$ (0.10)	$ (0.93)	$ (0.93)	$ (0.83)	$ (0.00451)	$ (0.00451)
Jul	19.42	$ (0.83)	$ (0.09)	$ (0.92)	$ (0.92)	$ (0.83)	$ (0.00451)	$ (0.00451)
Aug	20.32	$ (0.83)	$ (0.09)	$ (0.92)	$ (0.92)	$ (0.83)	$ (0.00451)	$ (0.00451)
Sep	19.49	$ (0.83)	$ (0.09)	$ (0.92)	$ (0.92)	$ (0.83)	$ (0.00451)	$ (0.00451)
Oct	21.96	$ (0.83)	$ (0.10)	$ (0.93)	$ (0.93)	$ (0.83)	$ (0.00451)	$ (0.00451)
Nov	50.99	$ (0.96)	$ (0.29)	$ (1.25)	$ (1.25)	$ (0.96)	$ (0.00575)	$ (0.00575)
Dec	134.58	$ (0.96)	$ (0.77)	$ (1.73)	$ (1.73)	$ (0.96)	$ (0.00575)	$ (0.00575)
	619.08	**$ (10.74)**	**$ (6.06)**	**$ (16.80)**	**$ (16.80)**			

Small Commercial C-1	2027	2028	2029	2030
Winter				
Base Use Charge	$ (0.96)	$ (2.59)	$ (2.20)	$ 0.81
Commodity Charge/Therm	$ (0.00575)	$ (0.01542)	$ (0.01310)	$ 0.00484
Summer				
Base Use Charge	$ (0.83)	$ (2.23)	$ (1.90)	$ 0.70
Commodity Charge/Therm	$ (0.00451)	$ (0.01211)	$ (0.01029)	$ 0.00380

Rates Effective 9/1/2028

C-1

Month	Therms	Customer Charge	Commodity Charge	Base Total	Total Bill	Customer Charge	Non-PGA Per Therm Rate	Base
Jan	231.25	$ (2.59)	$ (3.57)	$ (6.16)	$ (6.16)	$ (2.59)	$ (0.01542)	$ (0.01542)
Feb	255.22	$ (2.59)	$ (3.94)	$ (6.53)	$ (6.53)	$ (2.59)	$ (0.01542)	$ (0.01542)
Mar	190.10	$ (2.59)	$ (2.93)	$ (5.52)	$ (5.52)	$ (2.59)	$ (0.01542)	$ (0.01542)
Apr	84.89	$ (2.59)	$ (1.31)	$ (3.90)	$ (3.90)	$ (2.59)	$ (0.01542)	$ (0.01542)
May	32.58	$ (2.23)	$ (0.39)	$ (2.62)	$ (2.62)	$ (2.23)	$ (0.01211)	$ (0.01211)
Jun	22.45	$ (2.23)	$ (0.27)	$ (2.50)	$ (2.50)	$ (2.23)	$ (0.01211)	$ (0.01211)
Jul	19.42	$ (2.23)	$ (0.24)	$ (2.47)	$ (2.47)	$ (2.23)	$ (0.01211)	$ (0.01211)
Aug	20.32	$ (2.23)	$ (0.25)	$ (2.48)	$ (2.48)	$ (2.23)	$ (0.01211)	$ (0.01211)
Sep	19.49	$ (2.23)	$ (0.24)	$ (2.47)	$ (2.47)	$ (2.23)	$ (0.01211)	$ (0.01211)
Oct	21.96	$ (2.23)	$ (0.27)	$ (2.50)	$ (2.50)	$ (2.23)	$ (0.01211)	$ (0.01211)
Nov	50.99	$ (2.59)	$ (0.79)	$ (3.38)	$ (3.38)	$ (2.59)	$ (0.01542)	$ (0.01542)
Dec	134.58	$ (2.59)	$ (2.08)	$ (4.67)	$ (4.67)	$ (2.59)	$ (0.01542)	$ (0.01542)
	619.08	**$ (28.92)**	**$ (16.25)**	**$ (45.20)**	**$ (45.20)**			

Rates Effective 9/1/2029

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Month	Therms	Customer Charge	Commodity Charge	Base Total	Total Bill	Customer Charge	Non-PGA Per Therm Rate	Base
Jan	231.25	$ (2.20)	$ (3.03)	$ (5.23)	$ (5.23)	$ (2.20)	$ (0.01310)	$ (0.01310)
Feb	255.22	$ (2.20)	$ (3.34)	$ (5.54)	$ (5.54)	$ (2.20)	$ (0.01310)	$ (0.01310)
Mar	190.10	$ (2.20)	$ (2.49)	$ (4.69)	$ (4.69)	$ (2.20)	$ (0.01310)	$ (0.01310)
Apr	84.89	$ (2.20)	$ (1.11)	$ (3.31)	$ (3.31)	$ (2.20)	$ (0.01310)	$ (0.01310)
May	32.58	$ (1.90)	$ (0.34)	$ (2.24)	$ (2.24)	$ (1.90)	$ (0.01029)	$ (0.01029)
Jun	22.45	$ (1.90)	$ (0.23)	$ (2.13)	$ (2.13)	$ (1.90)	$ (0.01029)	$ (0.01029)
Jul	19.42	$ (1.90)	$ (0.20)	$ (2.10)	$ (2.10)	$ (1.90)	$ (0.01029)	$ (0.01029)
Aug	20.32	$ (1.90)	$ (0.21)	$ (2.11)	$ (2.11)	$ (1.90)	$ (0.01029)	$ (0.01029)
Sep	19.49	$ (1.90)	$ (0.20)	$ (2.10)	$ (2.10)	$ (1.90)	$ (0.01029)	$ (0.01029)
Oct	21.96	$ (1.90)	$ (0.23)	$ (2.13)	$ (2.13)	$ (1.90)	$ (0.01029)	$ (0.01029)
Nov	50.99	$ (2.20)	$ (0.67)	$ (2.87)	$ (2.87)	$ (2.20)	$ (0.01310)	$ (0.01310)
Dec	134.58	$ (2.20)	$ (1.76)	$ (3.96)	$ (3.96)	$ (2.20)	$ (0.01310)	$ (0.01310)
	619.08	**$ (24.60)**	**$ (13.81)**	**$ (38.41)**	**$ (38.41)**			

Rates Effective 9/1/2030

C-1

Month	Therms	Customer Charge	Commodity Charge	Base Total	Total Bill	Customer Charge	Non-PGA Per Therm Rate	Base
Jan	231.25	$ 0.81	$ 1.12	$ 1.93	$ 1.93	$ 0.81	$ 0.00484	$ 0.00484
Feb	255.22	$ 0.81	$ 1.24	$ 2.05	$ 2.05	$ 0.81	$ 0.00484	$ 0.00484
Mar	190.10	$ 0.81	$ 0.92	$ 1.73	$ 1.73	$ 0.81	$ 0.00484	$ 0.00484
Apr	84.89	$ 0.81	$ 0.41	$ 1.22	$ 1.22	$ 0.81	$ 0.00484	$ 0.00484
May	32.58	$ 0.70	$ 0.12	$ 0.82	$ 0.82	$ 0.70	$ 0.00380	$ 0.00380
Jun	22.45	$ 0.70	$ 0.09	$ 0.79	$ 0.79	$ 0.70	$ 0.00380	$ 0.00380
Jul	19.42	$ 0.70	$ 0.07	$ 0.77	$ 0.77	$ 0.70	$ 0.00380	$ 0.00380
Aug	20.32	$ 0.70	$ 0.08	$ 0.78	$ 0.78	$ 0.70	$ 0.00380	$ 0.00380
Sep	19.49	$ 0.70	$ 0.07	$ 0.77	$ 0.77	$ 0.70	$ 0.00380	$ 0.00380
Oct	21.96	$ 0.70	$ 0.08	$ 0.78	$ 0.78	$ 0.70	$ 0.00380	$ 0.00380
Nov	50.99	$ 0.81	$ 0.25	$ 1.06	$ 1.06	$ 0.81	$ 0.00484	$ 0.00484
Dec	134.58	$ 0.81	$ 0.65	$ 1.46	$ 1.46	$ 0.81	$ 0.00484	$ 0.00484
	619.08	**$ 9.06**	**$ 5.10**	**$ 14.16**	**$ 14.16**			

Rates Effective 9/1/2027

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Month	Demand Volume	Commodity 1st 1500 Dth	Commodity Next 2500	Commodity Next 11000	Commodity Over 15000	Total Commodity Volume	Customer Charge	Commodity Charge	Commodity Charge	Commodity Charge	Demand Charge	Base Total
Jan	520	1,500	2,500	8,452	-	12,452	$ (9.30)	$ (37.65)	$ (53.50)	$ (103.11)	$ (98.86)	$ (302.42)
Feb	520	1,500	2,500	7,962	-	11,962	$ (9.30)	$ (37.65)	$ (53.50)	$ (97.14)	$ (98.86)	$ (296.45)
Mar	520	1,500	2,500	9,111	-	13,111	$ (9.30)	$ (37.65)	$ (53.50)	$ (111.15)	$ (98.86)	$ (310.46)
Apr	520	1,500	2,500	8,887	-	12,887	$ (9.30)	$ (37.65)	$ (53.50)	$ (108.42)	$ (98.86)	$ (307.73)
May	520	1,500	2,500	9,450	-	13,450	$ (9.30)	$ (37.65)	$ (53.50)	$ (115.29)	$ (98.86)	$ (314.60)
Jun	520	1,500	2,500	8,962	-	12,962	$ (9.30)	$ (37.65)	$ (53.50)	$ (109.33)	$ (98.86)	$ (308.64)
Jul	520	1,500	2,500	9,392	-	13,392	$ (9.30)	$ (37.65)	$ (53.50)	$ (114.59)	$ (98.80)	$ (313.84)
Aug	520	1,500	2,500	8,671	-	12,671	$ (9.30)	$ (37.65)	$ (53.50)	$ (105.79)	$ (98.80)	$ (305.04)
Sep	520	1,500	2,500	6,475	-	10,475	$ (9.30)	$ (37.65)	$ (53.50)	$ (78.99)	$ (98.80)	$ (278.24)
Oct	520	1,500	2,500	8,961	-	12,961	$ (9.30)	$ (37.65)	$ (53.50)	$ (109.32)	$ (98.80)	$ (308.57)
Nov	520	1,500	2,500	8,632	-	12,632	$ (9.30)	$ (37.65)	$ (53.50)	$ (105.31)	$ (98.80)	$ (304.56)
Dec	476	1,500	2,500	8,746	-	12,746	$ (9.30)	$ (37.65)	$ (53.50)	$ (106.70)	$ (90.42)	$ (297.57)
												$ (3,648.12)

Month	Demand Charge	Customer Charge	Commodity 1st 1500 Dth	Commodity Next 2500	Commodity Next 11000	Commodity Over 15000	Demand Rate
Jan	$ 10,486.80	$ (9.30)	$ (0.0251)	$ (0.0214)	$ (0.0122)	$ (0.0075)	$ (0.19)
Feb	$ 10,486.80	$ (9.30)	$ (0.0251)	$ (0.0214)	$ (0.0122)	$ (0.0075)	$ (0.19)
Mar	$ 10,486.80	$ (9.30)	$ (0.0251)	$ (0.0214)	$ (0.0122)	$ (0.0075)	$ (0.19)
Apr	$ 10,486.80	$ (9.30)	$ (0.0251)	$ (0.0214)	$ (0.0122)	$ (0.0075)	$ (0.19)
May	$ 10,463.60	$ (9.30)	$ (0.0251)	$ (0.0214)	$ (0.0122)	$ (0.0075)	$ (0.19)
Jun	$ 10,463.60	$ (9.30)	$ (0.0251)	$ (0.0214)	$ (0.0122)	$ (0.0075)	$ (0.19)
Jul	$ 10,434.46	$ (9.30)	$ (0.0251)	$ (0.0214)	$ (0.0122)	$ (0.0075)	$ (0.19)
Aug	$ 10,434.46	$ (9.30)	$ (0.0251)	$ (0.0214)	$ (0.0122)	$ (0.0075)	$ (0.19)
Sep	$ 11,058.82	$ (9.30)	$ (0.0251)	$ (0.0214)	$ (0.0122)	$ (0.0075)	$ (0.19)
Oct	$ 10,946.49	$ (9.30)	$ (0.0251)	$ (0.0214)	$ (0.0122)	$ (0.0075)	$ (0.19)
Nov	$ 10,946.49	$ (9.30)	$ (0.0251)	$ (0.0214)	$ (0.0122)	$ (0.0075)	$ (0.19)
Dec	$ 9,591.91	$ (9.30)	$ (0.0251)	$ (0.0214)	$ (0.0122)	$ (0.0075)	$ (0.19)

Industrial F-1 T-2	2027	2028	2029	2030
Base Use Charge	$ (9.30)	$ (24.94)	$ (21.19)	$ 7.82
Demand Charge	$ (0.19)	$ (0.52)	$ (0.44)	$ 0.16
Commodity Charge				
First 1,500 Dths	$ (0.0251)	$ (0.0673)	$ (0.0571)	$ 0.0211
Next 2,500 Dths	$ (0.0214)	$ (0.0574)	$ (0.0488)	$ 0.0180
Next 11,000 Dths	$ (0.0122)	$ (0.0326)	$ (0.0277)	$ 0.0102
Over 15,000 Dths	$ (0.0075)	$ (0.0201)	$ (0.0171)	$ 0.0063

Rates Effective 9/1/2028

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Month	Demand Volume	Commodity 1st 1500 Dth	Commodity Next 2500	Commodity Next 11000	Commodity Over 15000	Total Commodity Volume	Customer Charge	Commodity Charge	Commodity Charge	Commodity Charge	Demand Charge	Base Total
Jan	520	1,500	2,500	8,452	-	12,452	$ (24.94)	$ (100.95)	$ (143.50)	$ (275.54)	$ (270.56)	$ (815.48)
Feb	520	1,500	2,500	7,962	-	11,962	$ (24.94)	$ (100.95)	$ (143.50)	$ (259.57)	$ (270.56)	$ (799.52)
Mar	520	1,500	2,500	9,111	-	13,111	$ (24.94)	$ (100.95)	$ (143.50)	$ (297.01)	$ (270.56)	$ (836.96)
Apr	520	1,500	2,500	8,887	-	12,887	$ (24.94)	$ (100.95)	$ (143.50)	$ (289.71)	$ (270.56)	$ (829.66)
May	520	1,500	2,500	9,450	-	13,450	$ (24.94)	$ (100.95)	$ (143.50)	$ (308.07)	$ (270.56)	$ (848.02)
Jun	520	1,500	2,500	8,962	-	12,962	$ (24.94)	$ (100.95)	$ (143.50)	$ (292.15)	$ (270.56)	$ (832.09)
Jul	520	1,500	2,500	9,392	-	13,392	$ (24.94)	$ (100.95)	$ (143.50)	$ (306.19)	$ (270.40)	$ (845.98)
Aug	520	1,500	2,500	8,671	-	12,671	$ (24.94)	$ (100.95)	$ (143.50)	$ (282.68)	$ (270.40)	$ (822.47)
Sep	520	1,500	2,500	6,475	-	10,475	$ (24.94)	$ (100.95)	$ (143.50)	$ (211.08)	$ (270.40)	$ (750.87)
Oct	520	1,500	2,500	8,961	-	12,961	$ (24.94)	$ (100.95)	$ (143.50)	$ (292.12)	$ (270.40)	$ (831.91)
Nov	520	1,500	2,500	8,632	-	12,632	$ (24.94)	$ (100.95)	$ (143.50)	$ (281.40)	$ (270.40)	$ (821.19)
Dec	476	1,500	2,500	8,746	-	12,746	$ (24.94)	$ (100.95)	$ (143.50)	$ (285.11)	$ (247.47)	$ (801.97)
												$ (9,836.12)

Month	Demand Charge	Customer Charge	Commodity 1st 1500 Dth	Commodity Next 2500	Commodity Next 11000	Commodity Over 15000	Demand Rate
Jan	$ 10,486.80	$ (24.94)	$ (0.07)	$ (0.06)	$ (0.03)	$ (0.02)	$ (0.52)
Feb	$ 10,486.80	$ (24.94)	$ (0.07)	$ (0.06)	$ (0.03)	$ (0.02)	$ (0.52)
Mar	$ 10,486.80	$ (24.94)	$ (0.07)	$ (0.06)	$ (0.03)	$ (0.02)	$ (0.52)
Apr	$ 10,486.80	$ (24.94)	$ (0.07)	$ (0.06)	$ (0.03)	$ (0.02)	$ (0.52)
May	$ 10,463.60	$ (24.94)	$ (0.07)	$ (0.06)	$ (0.03)	$ (0.02)	$ (0.52)
Jun	$ 10,463.60	$ (24.94)	$ (0.07)	$ (0.06)	$ (0.03)	$ (0.02)	$ (0.52)
Jul	$ 10,434.46	$ (24.94)	$ (0.07)	$ (0.06)	$ (0.03)	$ (0.02)	$ (0.52)
Aug	$ 10,434.46	$ (24.94)	$ (0.07)	$ (0.06)	$ (0.03)	$ (0.02)	$ (0.52)
Sep	$ 11,058.82	$ (24.94)	$ (0.07)	$ (0.06)	$ (0.03)	$ (0.02)	$ (0.52)
Oct	$ 10,946.49	$ (24.94)	$ (0.07)	$ (0.06)	$ (0.03)	$ (0.02)	$ (0.52)
Nov	$ 10,946.49	$ (24.94)	$ (0.07)	$ (0.06)	$ (0.03)	$ (0.02)	$ (0.52)
Dec	$ 9,591.91	$ (24.94)	$ (0.07)	$ (0.06)	$ (0.03)	$ (0.02)	$ (0.52)

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Month	Demand Volume	Commodity 1st 1500 Dth	Commodity Next 2500	Commodity Next 11000	Commodity Over 15000	Total Commodity Volume	Customer Charge	Commodity Charge	Commodity Charge	Commodity Charge	Demand Charge	Base Total
Jan	520	1,500	2,500	8,452	-	12,452	$ (21.19)	$ (85.65)	$ (122.00)	$ (234.12)	$ (228.93)	$ (691.89)
Feb	520	1,500	2,500	7,962	-	11,962	$ (21.19)	$ (85.65)	$ (122.00)	$ (220.56)	$ (228.93)	$ (678.33)
Mar	520	1,500	2,500	9,111	-	13,111	$ (21.19)	$ (85.65)	$ (122.00)	$ (252.37)	$ (228.93)	$ (710.14)
Apr	520	1,500	2,500	8,887	-	12,887	$ (21.19)	$ (85.65)	$ (122.00)	$ (246.16)	$ (228.93)	$ (703.94)
May	520	1,500	2,500	9,450	-	13,450	$ (21.19)	$ (85.65)	$ (122.00)	$ (261.77)	$ (228.93)	$ (719.54)
Jun	520	1,500	2,500	8,962	-	12,962	$ (21.19)	$ (85.65)	$ (122.00)	$ (248.24)	$ (228.93)	$ (706.01)
Jul	520	1,500	2,500	9,392	-	13,392	$ (21.19)	$ (85.65)	$ (122.00)	$ (260.17)	$ (228.80)	$ (717.81)
Aug	520	1,500	2,500	8,671	-	12,671	$ (21.19)	$ (85.65)	$ (122.00)	$ (240.19)	$ (228.80)	$ (697.83)
Sep	520	1,500	2,500	6,475	-	10,475	$ (21.19)	$ (85.65)	$ (122.00)	$ (179.35)	$ (228.80)	$ (636.99)
Oct	520	1,500	2,500	8,961	-	12,961	$ (21.19)	$ (85.65)	$ (122.00)	$ (248.21)	$ (228.80)	$ (705.85)
Nov	520	1,500	2,500	8,632	-	12,632	$ (21.19)	$ (85.65)	$ (122.00)	$ (239.10)	$ (228.80)	$ (696.74)
Dec	476	1,500	2,500	8,746	-	12,746	$ (21.19)	$ (85.65)	$ (122.00)	$ (242.26)	$ (209.40)	$ (680.49)
												$ (8,345.56)

Month	Demand Charge	Customer Charge	Commodity 1st 1500 Dth	Commodity Next 2500	Commodity Next 11000	Commodity Over 15000	Demand Rate
Jan	$ 10,486.80	$ (21.19)	$ (0.0571)	$ (0.0488)	$ (0.0277)	$ (0.0171)	$ (0.4400)
Feb	$ 10,486.80	$ (21.19)	$ (0.0571)	$ (0.0488)	$ (0.0277)	$ (0.0171)	$ (0.4400)
Mar	$ 10,486.80	$ (21.19)	$ (0.0571)	$ (0.0488)	$ (0.0277)	$ (0.0171)	$ (0.4400)
Apr	$ 10,486.80	$ (21.19)	$ (0.0571)	$ (0.0488)	$ (0.0277)	$ (0.0171)	$ (0.4400)
May	$ 10,463.60	$ (21.19)	$ (0.0571)	$ (0.0488)	$ (0.0277)	$ (0.0171)	$ (0.4400)
Jun	$ 10,463.60	$ (21.19)	$ (0.0571)	$ (0.0488)	$ (0.0277)	$ (0.0171)	$ (0.4400)
Jul	$ 10,434.46	$ (21.19)	$ (0.0571)	$ (0.0488)	$ (0.0277)	$ (0.0171)	$ (0.4400)
Aug	$ 10,434.46	$ (21.19)	$ (0.0571)	$ (0.0488)	$ (0.0277)	$ (0.0171)	$ (0.4400)
Sep	$ 11,058.82	$ (21.19)	$ (0.0571)	$ (0.0488)	$ (0.0277)	$ (0.0171)	$ (0.4400)
Oct	$ 10,946.49	$ (21.19)	$ (0.0571)	$ (0.0488)	$ (0.0277)	$ (0.0171)	$ (0.4400)
Nov	$ 10,946.49	$ (21.19)	$ (0.0571)	$ (0.0488)	$ (0.0277)	$ (0.0171)	$ (0.4400)
Dec	$ 9,591.91	$ (21.19)	$ (0.0571)	$ (0.0488)	$ (0.0277)	$ (0.0171)	$ (0.4400)

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Month	Demand Volume	Commodity 1st 1500 Dth	Commodity Next 2500	Commodity Next 11000	Commodity Over 15000	Total Commodity Volume	Customer Charge	Commodity Charge	Commodity Charge	Commodity Charge	Demand Charge	Base Total
Jan	520	1,500	2,500	8,452	-	12,452	$ 7.82	$ 31.65	$ 45.00	$ 86.21	$ 83.25	$ 253.93
Feb	520	1,500	2,500	7,962	-	11,962	$ 7.82	$ 31.65	$ 45.00	$ 81.22	$ 83.25	$ 248.93
Mar	520	1,500	2,500	9,111	-	13,111	$ 7.82	$ 31.65	$ 45.00	$ 92.93	$ 83.25	$ 260.65
Apr	520	1,500	2,500	8,887	-	12,887	$ 7.82	$ 31.65	$ 45.00	$ 90.65	$ 83.25	$ 258.36
May	520	1,500	2,500	9,450	-	13,450	$ 7.82	$ 31.65	$ 45.00	$ 96.39	$ 83.25	$ 264.11
Jun	520	1,500	2,500	8,962	-	12,962	$ 7.82	$ 31.65	$ 45.00	$ 91.41	$ 83.25	$ 259.13
Jul	520	1,500	2,500	9,392	-	13,392	$ 7.82	$ 31.65	$ 45.00	$ 95.80	$ 83.20	$ 263.47
Aug	520	1,500	2,500	8,671	-	12,671	$ 7.82	$ 31.65	$ 45.00	$ 88.45	$ 83.20	$ 256.12
Sep	520	1,500	2,500	6,475	-	10,475	$ 7.82	$ 31.65	$ 45.00	$ 66.04	$ 83.20	$ 233.71
Oct	520	1,500	2,500	8,961	-	12,961	$ 7.82	$ 31.65	$ 45.00	$ 91.40	$ 83.20	$ 259.07
Nov	520	1,500	2,500	8,632	-	12,632	$ 7.82	$ 31.65	$ 45.00	$ 88.04	$ 83.20	$ 255.71
Dec	476	1,500	2,500	8,746	-	12,746	$ 7.82	$ 31.65	$ 45.00	$ 89.21	$ 76.14	$ 249.82
												$ 3,063.01

Month	Demand Charge	Customer Charge	Commodity 1st 1500 Dth	Commodity Next 2500	Commodity Next 11000	Commodity Over 15000	Demand Rate
Jan	$ 10,486.80	$ 7.82	$ 0.0211	$ 0.0180	$ 0.0102	$ 0.0063	$ 0.1600
Feb	$ 10,486.80	$ 7.82	$ 0.0211	$ 0.0180	$ 0.0102	$ 0.0063	$ 0.1600
Mar	$ 10,486.80	$ 7.82	$ 0.0211	$ 0.0180	$ 0.0102	$ 0.0063	$ 0.1600
Apr	$ 10,486.80	$ 7.82	$ 0.0211	$ 0.0180	$ 0.0102	$ 0.0063	$ 0.1600
May	$ 10,463.60	$ 7.82	$ 0.0211	$ 0.0180	$ 0.0102	$ 0.0063	$ 0.1600
Jun	$ 10,463.60	$ 7.82	$ 0.0211	$ 0.0180	$ 0.0102	$ 0.0063	$ 0.1600
Jul	$ 10,434.46	$ 7.82	$ 0.0211	$ 0.0180	$ 0.0102	$ 0.0063	$ 0.1600
Aug	$ 10,434.46	$ 7.82	$ 0.0211	$ 0.0180	$ 0.0102	$ 0.0063	$ 0.1600
Sep	$ 11,058.82	$ 7.82	$ 0.0211	$ 0.0180	$ 0.0102	$ 0.0063	$ 0.1600
Oct	$ 10,946.49	$ 7.82	$ 0.0211	$ 0.0180	$ 0.0102	$ 0.0063	$ 0.1600
Nov	$ 10,946.49	$ 7.82	$ 0.0211	$ 0.0180	$ 0.0102	$ 0.0063	$ 0.1600
Dec	$ 9,591.91	$ 7.82	$ 0.0211	$ 0.0180	$ 0.0102	$ 0.0063	$ 0.1600