

# Holland & Knight

Nashville City Center | 511 Union Street, Suite 2700 | Nashville, TN 37219 | T 615.244.6380 | F 615.244.6804  
Holland & Knight LLP | [www.hklaw.com](http://www.hklaw.com)

Paul S. Davidson  
+1 (615) 850-8942  
[paul.davidson@hklaw.com](mailto:paul.davidson@hklaw.com)

Electronically Filed in TPUC Docket  
Room on September 5, 2023 at 3:54 p.m.

September 5, 2023

## **VIA ELECTRONIC MAIL**

Mr. David Jones, Chairman  
c/o Ectory Lawless  
Tennessee Public Utility Commission  
502 Deaderick Street, Fourth Floor  
Nashville, Tennessee 37243

**Re: Petition of Piedmont Natural Gas Company, Inc. For Approval of its  
2023 Annual Review of Rates Mechanism Pursuant to Tenn. Code Ann.  
§ 65-5-103(d)(6)  
Docket No. 23-00035**

Dear Chairman Jones:

Enclosed for filing, please find the original and four copies of Piedmont Natural Gas Company, Inc.'s ("Piedmont" or the "Company") ARM Settlement Rates. These documents reflect the new rate, revenue, billing determinant, and other related impacts as dictated by the Settlement Agreement between the Company and the Consumer Advocate Division, Office of the Tennessee Attorney General, which was filed with the TPUC on August 21, 2023, in Docket No. 23-00035, as well as the Settlement Testimony of Kally Couzens.

This material is also being filed today by way of email to the Commission's docket manager, Ectory Lawless. Please file the original and provide a "filed" stamped copy of same via email. As per TPUC's request, we will also file via U.S. mail the original and four copies to TPUC's office for filing of same.

If you have any questions regarding this letter, you may reach me at the number shown above.

Mr. David Jones, Chairman  
September 5, 2023  
Page 2

Sincerely yours,

HOLLAND & KNIGHT LLP



Paul S. Davidson  
Equity Partner

PSD:jv

cc: Pia Powers  
Brian Heslin  
James H. Jeffries IV  
Brian Franklin  
Kelly Cashman-Grams  
Michelle Mairs  
David Foster  
Karen Stachowski  
Victoria Glover

# Schedule A

**Piedmont Natural Gas Company, Inc**  
**2023 Annual ARM Filing**  
**TPUC Docket No. 23-00035**  
**Comparison of Present and Proposed Settlement Rates**

Schedule A

<u>Rate Schedule</u>	<u>Description</u>	<u>Present Total Billing Revenue Rates <sup>1</sup> &lt;1&gt;</u>	<u>Change in Revenue Rates <sup>2</sup> &lt;2&gt;</u>	<u>Proposed Total Billing Revenue Rates <sup>3</sup> &lt;3&gt;</u>
Residential 301 301	Monthly Charge-Nov.-Mar.	\$17.45	-	\$17.45
	Monthly Charge-Apr.-Oct.	\$13.45	-	\$13.45
	Nov.- Mar. per TH	0.90746	\$0.19509	1.10255
	Apr.- Oct. per TH	0.81458	\$0.17036	0.98494
Small General 302 302	Monthly Charge	\$44.00	-	\$44.00
	Nov.- Mar. per TH	0.92503	\$0.16967	1.09470
	Apr.- Oct. per TH	0.83336	\$0.14876	0.98212
Medium General 352 352	Monthly Charge	\$225.00	-	\$225.00
	Nov.- Mar. per TH	0.85489	\$0.14026	0.99515
	Apr.- Oct. per TH	0.77477	\$0.12420	0.89897
Motor Vehicle Fuel 343 343	Monthly Charge	varies by customer per their corresponding rate schedule		
	Nov.- Mar. per TH	varies by customer per their corresponding rate schedule		
	Apr.- Oct. per TH	varies by customer per their corresponding rate schedule		
303 Firm General Sales	Monthly Charge	\$800.00	-	\$800.00
	Demand Charge per TH	1.57477	-	1.57477
	First 15,000 TH/TH	0.48416	\$0.07728	0.56144
	Next 25,000 TH/TH	0.46516	\$0.07178	0.53694
	Next 50,000 TH/TH	0.43716	\$0.03028	0.46744
	Over 90,000 TH/TH	0.37716	\$0.05228	0.42944
304 Interruptible General Sales	Monthly Charge	\$800.00	-	\$800.00
	First 15,000 TH/TH	0.43186	\$0.03952	0.47138
	Next 25,000 TH/TH	0.40736	\$0.03602	0.44338
	Next 50,000 TH/TH	0.38786	\$0.02279	0.41065
	Over 90,000 TH/TH	0.33721	\$0.00917	0.34638
313 Firm Transportation	Monthly Charge	\$800.00	-	\$800.00
	Demand Charge per TH	1.57477	-	1.57477
	First 15,000 TH/TH	0.18739	\$0.07728	0.26467
	Next 25,000 TH/TH	0.16839	\$0.07178	0.24017
	Next 50,000 TH/TH	0.14039	\$0.03028	0.17067
	Over 90,000 TH/TH	0.08039	\$0.05228	0.13267
314 Interruptible Transportation	Monthly Charge	\$800.00	-	\$800.00
	First 15,000 TH/TH	0.13509	\$0.03952	0.17461
	Next 25,000 TH/TH	0.11059	\$0.03602	0.14661
	Next 50,000 TH/TH	0.09109	\$0.02279	0.11388
	Over 90,000 TH/TH	0.04044	\$0.00917	0.04961
310 Resale Service	Demand Charge per TH	1.57477	-	1.57477
	Commodity Charge	0.78779	\$0.01928	0.80707

Footnotes:

1/ Total Billing Revenue Rates effective for bills rendered on and after the first billing cycle of May 2023 as reflected on the Eighty-Fourth Revised Sheet No. 1.

2/ The change in the proposed billing rates herein reflect the revenue changes as presented in the Settlement Agreement in Piedmont's 2023 ARM proceeding. The rate changes exclude the pending October 1, 2023, Purchased Gas Adjustment ("PGA") changes to the PGA Commodity component and the Actual Cost Adjustment ("ACA") components of Piedmont's billing rates as submitted by the Company in its August 21, 2023 letter to the TPUC.

3/ Total Settlement Proposed Billing Revenue Rates effective for bills rendered on and after the first billing cycle of October 2023 as reflected on the Eighty-Fifth Revised Sheet No. 1.

# Schedule B

PIEDMONT NATURAL GAS COMPANY, INC.  
Tennessee Service Territory  
Billing Rates Effective<sup>1</sup>: October 1, 2023

Rate Schedule	Description	SETTLEMENT PROPOSED	-----Cumulative PGA-----				-----Current ACA-----		Current IPA	SETTLEMENT PROPOSED		Total Adj. Factor (Sum Col.2 thru Col.7)	Billing Rate <sup>3</sup> (Col.1 + Col.8)							
		Tariff Base Rate Per 2023 Annual ARM Filing	Demand	Commodity	Demand	Commodity	ARM Rider Rates	Rate Case Rider <sup>2</sup>												
		<1>								<2>	<3>			<4a>	<4b>	<5>	<6>	<7>	<8>	<9>
Residential 301 301	Monthly Charge-Nov.-Mar.	\$17.45											\$17.45							
	Monthly Charge-Apr.-Oct.	\$13.45											\$13.45							
	Nov.- Mar. per TH	0.68231	0.07577	0.33031	(0.00495)	(0.04102)	0.00748	0.05164	0.00101	0.42024	1.10255									
	Apr.- Oct. per TH	0.56470	0.07577	0.33031	(0.00495)	(0.04102)	0.00748	0.05164	0.00101	0.42024	0.98494									
Small General 302 302	Monthly Charge	\$44.00											\$44.00							
	Nov.- Mar. per TH	0.68353	0.07577	0.33031	(0.00495)	(0.04102)	0.00748	0.04273	0.00085	0.41117	1.09470									
	Apr.- Oct. per TH	0.57095	0.07577	0.33031	(0.00495)	(0.04102)	0.00748	0.04273	0.00085	0.41117	0.98212									
Medium General 352 352	Monthly Charge	\$225.00											\$225.00							
	Nov.- Mar. per TH	0.58398	0.07577	0.33031	(0.00495)	(0.04102)	0.00748	0.04273	0.00085	0.41117	0.99515									
	Apr.- Oct. per TH	0.48780	0.07577	0.33031	(0.00495)	(0.04102)	0.00748	0.04273	0.00085	0.41117	0.89897									
Motor Vehicle Fuel 343 343	Monthly Charge	varies by customer per their corresponding rate schedule																		
	Nov.- Mar. per TH	varies by customer per their corresponding rate schedule																		
	Apr.- Oct. per TH	varies by customer per their corresponding rate schedule																		
303 Firm General Sales	Monthly Charge	\$800.00											\$800.00							
	Demand Charge per TH	0.80000	0.82829		(0.05352)						0.77477	1.57477								
	First 15,000 TH/TH	0.24500		0.33031		(0.04102)	0.00748	0.01928	0.00039	0.31644	0.56144									
	Next 25,000 TH/TH	0.22050		0.33031		(0.04102)	0.00748	0.01928	0.00039	0.31644	0.53694									
	Next 50,000 TH/TH	0.15100		0.33031		(0.04102)	0.00748	0.01928	0.00039	0.31644	0.46744									
	Over 90,000 TH/TH	0.11300		0.33031		(0.04102)	0.00748	0.01928	0.00039	0.31644	0.42944									
304 Interruptible General Sales	Monthly Charge	\$800.00											\$800.00							
	First 15,000 TH/TH	0.17000		0.33031		(0.04102)	0.00748	0.00452	0.00009	0.30138	0.47138									
	Next 25,000 TH/TH	0.14200		0.33031		(0.04102)	0.00748	0.00452	0.00009	0.30138	0.44338									
	Next 50,000 TH/TH	0.10927		0.33031		(0.04102)	0.00748	0.00452	0.00009	0.30138	0.41065									
	Over 90,000 TH/TH	0.04500		0.33031		(0.04102)	0.00748	0.00452	0.00009	0.30138	0.34638									
313 Firm Transportation	Monthly Charge	\$800.00											\$800.00							
	Demand Charge per TH	0.80000	0.82829		(0.05352)						0.77477	1.57477								
	First 15,000 TH/TH	0.24500						0.01928	0.00039	0.01967	0.26467									
	Next 25,000 TH/TH	0.22050						0.01928	0.00039	0.01967	0.24017									
	Next 50,000 TH/TH	0.15100						0.01928	0.00039	0.01967	0.17067									
	Over 90,000 TH/TH	0.11300						0.01928	0.00039	0.01967	0.13267									
314 Interruptible Transportation	Monthly Charge	\$800.00											\$800.00							
	First 15,000 TH/TH	0.17000						0.00452	0.00009	0.00461	0.17461									
	Next 25,000 TH/TH	0.14200						0.00452	0.00009	0.00461	0.14661									
	Next 50,000 TH/TH	0.10927						0.00452	0.00009	0.00461	0.11388									
	Over 90,000 TH/TH	0.04500						0.00452	0.00009	0.00461	0.04961									
310 Resale Service	Demand Charge per TH	0.80000	0.82829		(0.05352)					0.77477	1.57477									
	Commodity Charge	0.49063		0.33031		(0.04102)	0.00748	0.01928	0.00039	0.31644	0.80707									

Footnotes:

1/ Rates effective for bills rendered on and after the first billing cycle of October 2023

2/ Rate Case Rider rates as approved by the Tennessee Public Utility Commission in the March 21, 2022 Hearing in Docket No. 20-00086. These Rider rates are effective beginning April 1, 2022, and terminate at the earlier of April 1, 2025 or when the approved rider amount has been fully recovered.

3/ In accordance with the Tennessee Public Service Commission order in Docket U-7074 customers metered inside Davidson County are required to pay an additional 6.40% for collection of the Metro Franchise Fee. Customers served by the Ashland City, Fairview, Franklin, Greenbrier, Hartsville, Mt. Juliet and White House systems are required to pay 5.0%. Customers served by the Nolensville system are required to pay 3%.

# Schedule C

**Piedmont Natural Gas Company, Inc**  
**2023 Annual ARM Filing**  
**TPUC Docket No. 23-00035**  
**Annual Base Rate Reset Revenue Changes by Rate Schedule per Settlement**

Line No.	[A] Revenue Class and Type	Tariff Rate Schedule	[B] Annual Base Rate Reset End of Period Revenues	[C] Revenue Increase (Decrease)		[D] Annual Base Rate Reset Revenues At Proposed Rates	[E] % Change
1	Residential Service Margin	301	97,224,201	17,240,051		114,464,252	17.7%
2	Small General Service Margin	302	42,462,137	7,529,907		49,992,044	17.7%
3	Medium General Service Margin	352	9,673,223	1,715,420		11,388,642	17.7%
4	Large General Sales Service Firm Margin	303	3,081,199	546,763		3,627,962	17.7%
5	Large General Transportation Service Firm Margin	313	5,455,941	967,965		6,423,905	17.7%
6	Sub-Total Large General Service Firm Margin	303 / 313	8,537,139	1,514,728		10,051,867	17.7%
7	Large General Sales Service Interruptible Margin	304	59,978	10,599		70,577	17.7%
8	Large General Transportation Service Interruptible Margin	314	6,776,533	1,201,737		7,978,270	17.7%
9	Sub-Total Large General Service Interruptible Margin	304 / 314	6,836,510	1,212,336		8,048,846	17.7%
10	Resale Service Margin	310	4,810	-		4,810	0.0%
11	<b>Sales &amp; Transportation Margin Revenue</b>	ALL	<b>\$ 164,738,020</b>	<b>\$ 29,212,442</b>		<b>\$ 193,950,462</b>	<b>17.7%</b>
12	Sales & Transportation Purchased Gas Revenue	ALL	89,439,153	-		89,439,153	0.0%
13	<b>Sales &amp; Transportation Revenue (Margin + PGA)</b>		<b>\$ 254,177,173</b>	<b>\$ 29,212,442</b>	1/	<b>\$ 283,389,615</b>	<b>11.5%</b>
14	Forfeited Discount Revenues		1,273,815	118,194		1,392,008	9.3%
15	Other Operating Revenues		2,514,285	-		2,514,285	0.0%
16	<b>Total Operating Revenue (Margin + PGA)</b>		<b>\$ 257,965,272</b>	<b>\$ 29,330,636</b>		<b>\$ 287,295,908</b>	<b>11.4%</b>

Footnote:

1/ The Annual Base Rate Reset revenue increase for Sales & Transportation Revenues as reflected on Exhibit A of the Settlement Agreement is \$29,212,489. The calculations shown in this schedule yield a rounding difference of \$47 from the targeted revenue increase.



# Schedule D

**Piedmont Natural Gas Company, Inc**  
**2023 Annual ARM Filing**  
**TPUC Docket No. 23-00035**  
**Billing Determinants and Proposed Revenues (Proof of Revenues) per Settlement**

Line No.	Rate Schedule	Normalized Dekatherms (A)	Base Rate Reset Billing Determinants (B)	PROPOSED Total Base Rate [C = E + G + I] (C)	PROPOSED Base Rate Reset Total Revenues (D)	PROPOSED Base Margin Rate Component (E)	PROPOSED Base Rate Reset Base Margin Revenues (F)	Current Base COG Demand Rate Component (G)	Base Rate Reset Base COG Demand Revenues (H)	Current Base COG Commodity Rate Component (I)	Base Rate Reset Base COG Commodity Revenues (J)
1	<b>301 - Residential Service</b>										
2	Bills - Winter		896,541	\$17.45	\$15,644,640	\$17.45	\$15,644,640				
3	Bills - Summer		1,250,407	\$13.45	\$16,817,974	\$13.45	\$16,817,974				
4	DTs - Winter	9,377,352	9,377,352	\$10.8839	\$102,062,164	\$6.8231	\$63,982,612	\$0.7577	\$7,105,220	\$3.3031	\$30,974,332
5	DTs - Summer	3,190,902	3,190,902	\$9.7078	\$30,976,641	\$5.6470	\$18,019,025	\$0.7577	\$2,417,747	\$3.3031	\$10,539,869
6	<b>301 / 343 - Residential Service</b>										
7	<b>Motor Vehicle Fuel</b>										
8	Bills - Winter		-	\$17.45	-	\$17.45	-				
9	Bills - Summer		-	\$13.45	-	\$13.45	-				
10	DTs - Winter	-	-	\$10.8839	-	\$6.8231	-	\$0.7577	-	\$3.3031	-
11	DTs - Summer	-	-	\$9.7078	-	\$5.6470	-	\$0.7577	-	\$3.3031	-
12	<b><u>TOTAL RESIDENTIAL SERVICE</u></b>										
13	Bills - Annual		2,146,948								
14	DTs - Winter	9,377,352	9,377,352								
15	DTs - Summer	3,190,902	3,190,902								
16	DTs - Annual	12,568,255	12,568,255								
17	Revenues				\$165,501,420		\$114,464,252		\$9,522,966		\$41,514,201
18	<b>302 - Small General Service</b>										
19	Bills - Annual		214,663	\$44.00	\$9,445,172	\$44.00	\$9,445,172				
20	DTs - Winter	4,196,480	4,196,480	\$10.8961	\$45,725,270	\$6.8353	\$28,684,202	\$0.7577	\$3,179,673	\$3.3031	\$13,861,394
21	DTs - Summer	2,074,654	2,074,654	\$9.7703	\$20,269,990	\$5.7095	\$11,845,236	\$0.7577	\$1,571,965	\$3.3031	\$6,852,789
22	<b>302 / 343 - Small General Service</b>										
23	<b>Motor Vehicle Fuel</b>										
24	Bills - Annual		12	\$44.00	528	\$44.00	528				
25	DTs - Winter	961	961	\$10.8961	10,469	\$6.8353	6,567	\$0.7577	728	\$3.3031	3,174
26	DTs - Summer	1,811	1,811	\$9.7703	17,692	\$5.7095	10,339	\$0.7577	1,372	\$3.3031	5,981
27	<b>352 - Medium General Service</b>										
28	Bills - Annual		4,953	\$225.00	\$1,114,425	\$225.00	\$1,114,425				
29	DTs - Winter	1,192,971	1,192,971	\$9.9006	\$11,811,128	\$5.8398	\$6,966,711	\$0.7577	\$903,914	\$3.3031	\$3,940,502
30	DTs - Summer	674,340	674,340	\$8.9388	\$6,027,794	\$4.8780	\$3,289,432	\$0.7577	\$510,948	\$3.3031	\$2,227,414
31	<b>352 / 343 - Medium General Service</b>										
32	<b>Motor Vehicle Fuel</b>										
33	Bills - Annual		13	\$225.00	\$2,925	\$225.00	\$2,925				
34	DTs - Winter	1,217	1,217	\$9.9006	\$12,048	\$5.8398	\$7,106	\$0.7577	\$922	\$3.3031	\$4,020
35	DTs - Summer	1,649	1,649	\$8.9388	\$14,737	\$4.8780	\$8,042	\$0.7577	\$1,249	\$3.3031	\$5,445
36	<b><u>TOTAL SMALL &amp; MEDIUM GENERAL SERVICE</u></b>										
37	Bills - Annual		219,641								
38	DTs - Winter	5,391,629	5,391,629								
39	DTs - Summer	2,752,454	2,752,454								
40	DTs - Annual	8,144,083	8,144,083								
41	Revenues				\$94,452,177		\$61,380,687		\$6,170,771		\$26,900,719

**Piedmont Natural Gas Company, Inc**  
**2023 Annual ARM Filing**  
**TPUC Docket No. 23-00035**  
**Billing Determinants and Proposed Revenues (Proof of Revenues) per Settlement**

Line No.	Rate Schedule	Normalized Dekatherms (A)	Base Rate Reset Billing Determinants (B)	PROPOSED Total Base Rate [C = E + G + I] (C)	PROPOSED Base Rate Reset Total Revenues (D)	PROPOSED Base Margin Rate Component (E)	PROPOSED Base Rate Reset Base Margin Revenues (F)	Current Base COG Demand Rate Component (G)	Base Rate Reset Base COG Demand Revenues (H)	Current Base COG Commodity Rate Component (I)	Base Rate Reset Base COG Commodity Revenues (J)
42	<b>303 - Large General Sales Service</b>										
43	Bills - Annual		685	\$800.00	\$548,000	\$800.00	\$548,000				
44	DTs - Demand	89,977	89,977	\$16.2829	\$1,465,086	\$8.0000	\$719,816	\$8.2829	\$745,270		
45	DTs - First 1,500	628,157	628,157	\$5.7531	\$3,613,848	\$2.4500	\$1,538,984			\$3.3031	\$2,074,864
46	DTs - Next 2,500	303,003	303,003	\$5.5081	\$1,668,969	\$2.2050	\$668,121			\$3.3031	\$1,000,848
47	DTs - Next 5,000	12,276	12,276	\$4.8131	\$59,087	\$1.5100	\$18,537			\$3.3031	\$40,550
48	DTs - Over 9,000	-	-	\$4.4331	-	\$1.1300	-			\$3.3031	-
49	Minimum Margin Agreement Revenues				\$22,780		\$22,780				
50	<b>303 / 343 - Large General Sales Service</b>										
51	<b>Motor Vehicle Fuel</b>										
52	Bills - Annual		12	\$800.00	\$9,600	\$800.00	\$9,600				
53	DTs - Demand	1,181	1,181	\$16.2829	\$19,230	\$8.0000	\$9,448	\$8.2829	\$9,782		
54	DTs - First 1,500	18,000	18,000	\$5.7531	\$103,556	\$2.4500	\$44,100			\$3.3031	\$59,456
55	DTs - Next 2,500	22,030	22,030	\$5.5081	\$121,343	\$2.2050	\$48,576			\$3.3031	\$72,767
56	DTs - Next 5,000	-	-	\$4.8131	-	\$1.5100	-			\$3.3031	-
57	DTs - Over 9,000	-	-	\$4.4331	-	\$1.1300	-			\$3.3031	-
58	<b>304 - Interruptible General Sales Service</b>										
59	Bills - Annual		25	\$800.00	\$20,000	\$800.00	\$20,000				
60	DTs - First 1,500	22,893	22,893	\$5.0031	\$114,535	\$1.7000	\$38,918			\$3.3031	\$75,618
61	DTs - Next 2,500	8,210	8,210	\$4.7231	\$38,778	\$1.4200	\$11,659			\$3.3031	\$27,119
62	DTs - Next 5,000	-	-	\$4.3958	-	\$1.0927	-			\$3.3031	-
63	DTs - Over 9,000	-	-	\$3.7531	-	\$0.4500	-			\$3.3031	-
64	Minimum Margin Agreement Revenues				-		-				
65	<b>304 / 343 - Interruptible General Sales Service</b>										
66	<b>Motor Vehicle Fuel</b>										
67	Bills - Annual		-	\$800.00	-	\$800.00	-				
68	DTs - First 1,500	-	-	\$5.0031	-	\$1.7000	-			\$3.3031	-
69	DTs - Next 2,500	-	-	\$4.7231	-	\$1.4200	-			\$3.3031	-
70	DTs - Next 5,000	-	-	\$4.3958	-	\$1.0927	-			\$3.3031	-
71	DTs - Over 9,000	-	-	\$3.7531	-	\$0.4500	-			\$3.3031	-
72	<b>313 - Firm Transportation Service</b>										
73	Bills - Annual		837	\$800.00	\$669,600	\$800.00	\$669,600				
74	DTs - Demand	138,262	138,262	\$16.2829	\$2,251,306	\$8.0000	\$1,106,096	\$8.2829	\$1,145,210		
75	DTs - First 1,500	970,131	970,131	\$2.4500	\$2,376,821	\$2.4500	\$2,376,821			-	-
76	DTs - Next 2,500	567,803	567,803	\$2.2050	\$1,252,006	\$2.2050	\$1,252,006			-	-
77	DTs - Next 5,000	189,001	189,001	\$1.5100	\$285,392	\$1.5100	\$285,392			-	-
78	DTs - Over 9,000	72,006	72,006	\$1.1300	\$81,367	\$1.1300	\$81,367			-	-
79	Minimum Margin Agreement Revenues				\$243,156		\$243,156				
79	<b>313 / 343 - Firm Transportation Service</b>										
80	<b>Motor Vehicle Fuel</b>										
81	Bills - Annual		24	\$800.00	\$19,200	\$800.00	\$19,200				
82	DTs - Demand	8,938	8,938	\$16.2829	\$145,537	\$8.0000	\$71,504	\$8.2829	\$74,033		
83	DTs - First 1,500	36,000	36,000	\$2.4500	\$88,200	\$2.4500	\$88,200			-	-
84	DTs - Next 2,500	48,044	48,044	\$2.2050	\$105,937	\$2.2050	\$105,937			-	-
85	DTs - Next 5,000	60,000	60,000	\$1.5100	\$90,600	\$1.5100	\$90,600			-	-
86	DTs - Over 9,000	30,112	30,112	\$1.1300	\$34,027	\$1.1300	\$34,027			-	-

**Piedmont Natural Gas Company, Inc**  
**2023 Annual ARM Filing**  
**TPUC Docket No. 23-00035**  
**Billing Determinants and Proposed Revenues (Proof of Revenues) per Settlement**

Line No.	Rate Schedule	Normalized Dekatherms (A)	Base Rate Reset Billing Determinants (B)	PROPOSED Total Base Rate [C = E + G + I] (C)	PROPOSED Base Rate Reset Total Revenues (D)	PROPOSED Base Margin Rate Component (E)	PROPOSED Base Rate Reset Base Margin Revenues (F)	Current Base COG Demand Rate Component (G)	Base Rate Reset Base COG Demand Revenues (H)	Current Base COG Commodity Rate Component (I)	Base Rate Reset Base COG Commodity Revenues (J)
87	<b>314 - Interruptible Transportation Service</b>										
88	Bills - Annual		589	\$800.00	\$471,200	\$800.00	\$471,200				
89	DTs - First 1,500	830,841	830,841	\$1.7000	\$1,412,430	\$1.7000	\$1,412,430			-	-
90	DTs - Next 2,500	1,120,101	1,120,101	\$1.4200	\$1,590,544	\$1.4200	\$1,590,544			-	-
91	DTs - Next 5,000	1,328,137	1,328,137	\$1.0927	\$1,451,255	\$1.0927	\$1,451,255			-	-
92	DTs - Over 9,000	6,784,092	6,784,092	\$0.4500	\$3,052,842	\$0.4500	\$3,052,842			-	-
	Minimum Margin Agreement Revenues				-		-				
93	<b>314 / 343 - Interruptible Transportation Service</b>										
94	<b>Motor Vehicle Fuel</b>										
95	Bills - Annual		-	\$800.00	-	\$800.00	-				
96	DTs - First 1,500	-	-	\$1.7000	-	\$1.7000	-			-	-
97	DTs - Next 2,500	-	-	\$1.4200	-	\$1.4200	-			-	-
98	DTs - Next 5,000	-	-	\$1.0927	-	\$1.0927	-			-	-
99	DTs - Over 9,000	-	-	\$0.4500	-	\$0.4500	-			-	-
100	<b>310 - Resale Service</b>										
101	Bills - Annual		24								
102	DTs - Demand	600	600	\$16.2829	\$9,770	\$8.0000	\$4,800	\$8.2829	\$4,970		
103	DTs - Annual	2	2	\$8.2094	\$17	\$4.9063	\$10			\$3.3031	\$7
104	<b>310 / 343- Resale Service</b>										
105	<b>Motor Vehicle Fuel</b>										
106	Bills - Annual		-								
107	DTs - Demand	-	-	\$16.2829	-	\$8.0000	-	\$8.2829	-		
108	DTs - Annual	-	-	\$8.2094	-	\$4.9063	-			\$3.3031	-
109	<b>TOTAL TARIFF LARGE VOLUME</b>										
110	Bills - Annual	-	2,196								
111	DTs - Demand	238,958	238,958								
112	DTs - Annual	13,050,839	13,050,839								
113	Revenues				\$23,436,018		\$18,105,524		\$1,979,265		\$3,351,229
114	<b>Special Contracts</b>										
115	Bills - Annual		-								
116	DTs - Annual	-	-		-		-		-		-
117	<b>GRAND TOTAL - ALL TARIFF &amp; SPECIAL CONTRACT</b>										
118	Bills - Annual	-	2,368,785								
119	DTs - Demand	238,958	238,958								
120	DTs - Annual	33,763,176	33,763,176								
121	Revenues				\$283,389,615		\$193,950,462		\$17,673,003		\$71,766,150

Piedmont Natural Gas Company, Inc  
2023 Annual ARM Filing  
TPUC Docket No. 23-00035  
Billing Determinants and Proposed Revenues (Proof of Revenues) per Settlement

Line No.	Rate Schedule	Normalized Dekatherms (A)	Base Rate Reset Billing Determinants (B)	PROPOSED Total Base Rate [C = E + G + I] (C)	PROPOSED Base Rate Reset Total Revenues (D)	PROPOSED Base Margin Rate Component (E)	PROPOSED Base Rate Reset Base Margin Revenues (F)	Current Base COG Demand Rate Component (G)	Base Rate Reset Base COG Demand Revenues (H)	Current Base COG Commodity Rate Component (I)	Base Rate Reset Base COG Commodity Revenues (J)
122	<b>SALES AND TRANSPORTATION</b>	<i>Dts</i>	<i>Dts</i>								
123	Total Sales	21,726,908	21,726,908		\$267,768,197		\$179,548,287		\$16,453,760		\$71,766,150
124	Total Transportation	12,036,268	12,036,268		15,621,418		14,402,175		1,219,243		-
125	Total Annual	33,763,176	33,763,176		\$283,389,615		\$193,950,462		\$17,673,003		\$71,766,150
126	Other Operating Revenues				3,906,293		3,906,293				
127	Grand Total Operating Revenues				\$287,295,908		\$197,856,755		\$17,673,003		\$71,766,150
128	Base Rate Reset Revenues at Current Rates				\$257,965,272		\$168,526,120		\$17,673,003		\$71,766,150
129	Revenue Adjustment for Forfeited Discounts per Settlement				118,194		118,194		-		-
130	Revenue Adjustment for Sales & Transportation Revenues per Settlement				29,212,442 1/		29,212,442 1/		-		-
131	Grand Total Operating Revenues				\$287,295,908		\$197,856,755		\$17,673,003		\$71,766,150

Footnote:

1/ The Annual Base Rate Reset revenue increase for Sales & Transportation Revenues as reflected on Exhibit A of the Settlement Agreement is \$29,212,489. The calculations shown in this schedule yield a rounding difference of \$47 from the targeted revenue increase.

# Schedule E

Piedmont Natural Gas Company, Inc  
2023 Annual ARM Filing  
TPUC Docket No. 23-00035  
ARM Rider Rates per Settlement

Line No.	ARM Rider Rate Period	Residential Service (RS 301)	Small / Medium General Service (RS 302,352)	Large General Service - Firm (RS 303,313,310)	Large General Service - Interruptible (RS 304,314)	Total
	<i>October 1, 2023 - September 30, 2024</i>					
1	Customer Class Margin Apportionment Percent	59.02%	31.65%	5.19%	4.15%	100.00%
2	HBP Revenue Requirement Deficiency (Sufficiency) plus Carrying Costs for Recovery (Refund)	\$6,489,659	\$3,480,036	\$570,173	\$456,337	<b>\$10,996,205</b>
3	ARM Reconciliation Deferred Account Balance @ March 31 of year after HBP	-	-	-	-	<i>n/a for this filing</i>
4	Total Amount for Recovery in this Rider	\$6,489,659	\$3,480,036	\$570,173	\$456,337	<b>\$ 10,996,205</b>
5	Throughput from Annual Base Rate Reset (Dekatherms)	12,568,255	8,144,083	2,956,565	10,094,274	33,763,176
6	Rate per Dekatherm	\$0.51640	\$0.42730	\$0.19280	\$0.04520	
7	<b>Proposed ARM Rider Rate per therm</b>	<b>\$0.05164</b>	<b>\$0.04273</b>	<b>\$0.01928</b>	<b>\$0.00452</b>	

# Schedule F



**Piedmont Natural Gas Company, Inc**  
**2023 ARM Annual Filing**  
**TPUC Docket No. 23-00035**  
**Annual Base Rate Reset Margin Revenue Change and ARM Rider Revenue Change by Customer Class per Settlement**

Line No.	[A] Revenue Class and Type	Tariff Rate Schedule	[B] Annual Base Rate Reset End of Period Revenues	[C] Annual Base Rate Reset Revenue Increase	[D] ARM Rider Revenue Increase	[E] Revenues At Proposed Rates	[F] % Change
1	Residential Service Margin	301	97,224,201	17,240,051	6,490,247	120,954,498	24.4%
2	Small / Medium General Service Margin	302 / 352	52,135,360	9,245,327	3,479,966	64,860,653	24.4%
3	Large General Sales Service Firm Margin	303 / 313 / 310	8,541,949	1,514,728	570,321	10,626,999	24.4%
4	Large General Sales Service Interruptible Margin	304 / 314	6,836,510	1,212,336	456,261	8,505,107	24.4%
5	<b>Sales &amp; Transportation Margin Revenue</b>	ALL	<b>\$ 164,738,020</b>	<b>\$ 29,212,442</b>	<b>\$ 10,996,796</b>	<b>\$ 204,947,258</b>	<b>24.4%</b>
6	Sales & Transportation Purchased Gas Revenue (PGA)	ALL	89,439,153	-	-	89,439,153	0.0%
7	<b>Sales &amp; Transportation Revenue (Margin + PGA)</b>		<b>\$ 254,177,173</b>	<b>\$ 29,212,442</b>	<b>1/ \$ 10,996,796</b>	<b>2/ \$ 294,386,411</b>	<b>15.8%</b>
8	Forfeited Discount Revenues		1,273,815	118,194	-	1,392,008	9.3%
9	Other Operating Revenues		2,514,285	-	-	2,514,285	0.0%
10	<b>Total Operating Revenue (Margin + PGA)</b>		<b>\$ 257,965,272</b>	<b>\$ 29,330,636</b>	<b>\$ 10,996,796</b>	<b>\$ 298,292,703</b>	<b>15.6%</b>

## Footnotes:

1/ The Annual Base Rate Reset revenue increase for Sales & Transportation Revenues as reflected on Exhibit A of the Settlement Agreement is \$29,212,489. The calculations shown in this schedule yield a rounding difference of \$47 from the targeted revenue increase.

2/ The ARM Rider revenue increase for Sales & Transportation Revenues as reflected on Exhibit A of the Settlement Agreement is \$10,996,205. The calculations shown in this schedule yield a rounding difference of \$591 from the targeted revenue increase.

# Schedule G

**Piedmont Natural Gas Company, Inc**  
**2023 Annual ARM Filing**  
**TPUC Docket No. 23-00035**  
**Factors for the Weather Normalization Adjustment ("WNA") per Settlement**

Line No.	[A] <b>Rate Schedule</b>	[B] <b>November thru March "R" Value (\$ / therm)</b>	[C] <b>October &amp; April "R" Value (\$ / therm)</b>	[D] <b>Heat Sensitive Factor (HSF) (therms / HDD)</b>	[E] <b>Base Load Factor (BL) (therms / month)</b>
1	301 - Residential Service	0.68231	0.56470	0.15299	15.24309
2	302 - Small General Service	0.68353	0.57095	0.57985	127.18158
3	352 - Medium General Service	0.58398	0.48780	7.11719	1,845.88795
<b>Cycle Billing Normal Heating Degree Days <sup>1</sup></b>					
4	January	746.7			
5	February	785.1			
6	March	517.9			
7	April	297.0			
8	May	104.1			
9	June	12.9			
10	July	-			
11	August	0.1			
12	September	1.3			
13	October	53.7			
14	November	311.5			
15	December	571.2			
16	<b>Winter</b>	<b>2,932.4</b>			
17	<b>Summer</b>	<b>469.1</b>			
18	<b>Annual</b>	<b>3,401.5</b>			

Footnote:

1/ The monthly normal heating degree days herein represent cycle billing inclusive of the Leap Year February 29 heating degree value for the month of February.

# Schedule H

Piedmont Natural Gas Company, Inc.  
2023 Annual ARM Filing  
TPUC Docket No. 23-00035  
Normal Daily Heating Degree Days per Settlement

Normal Daily Heating Degree Days <sup>1,2</sup>													
DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
1	23.5	22.6	17.6	10.7	2.8	0.5	0.0	0.0	0.0	1.7	9.7	20.0	
2	23.9	23.5	18.5	8.2	2.1	0.2	0.0	0.0	0.0	2.2	10.9	19.4	
3	24.4	24.9	21.4	7.3	3.3	0.1	0.0	0.0	0.0	2.7	11.5	18.0	
4	24.7	26.1	18.9	9.3	3.9	0.1	0.0	0.0	0.0	2.2	10.8	17.4	
5	25.9	26.0	18.0	10.4	3.0	0.1	0.0	0.0	0.1	2.1	10.0	20.2	
6	27.3	24.2	17.7	8.8	2.0	0.1	0.0	0.0	0.3	1.9	11.1	21.8	
7	27.8	23.2	16.7	7.3	1.8	0.1	0.0	0.0	0.1	2.9	11.8	22.9	
8	27.0	23.2	16.0	7.8	1.2	0.0	0.0	0.0	0.1	2.9	12.4	22.5	
9	25.1	23.8	15.8	8.3	1.2	0.0	0.0	0.0	0.0	2.9	11.6	20.6	
10	23.9	23.9	14.7	7.1	1.8	0.0	0.0	0.0	0.0	3.4	12.7	22.2	
11	23.3	23.5	15.9	4.7	1.7	0.0	0.0	0.0	0.1	3.4	12.9	22.5	
12	21.6	25.6	15.2	5.2	1.9	0.0	0.0	0.0	0.1	3.3	16.7	23.0	
13	24.0	27.0	14.6	6.8	2.4	0.0	0.0	0.1	0.3	3.0	16.6	21.8	
14	25.8	24.0	14.3	5.9	2.2	0.0	0.0	0.0	0.1	3.6	16.1	20.5	
15	26.8	22.8	12.6	6.8	2.3	0.0	0.0	0.0	0.1	3.9	16.7	21.1	
16	27.6	22.5	12.9	6.7	2.0	0.0	0.0	0.0	0.2	6.0	16.8	19.8	
17	27.3	23.7	12.1	6.3	1.5	0.0	0.0	0.0	0.2	6.7	16.5	21.6	
18	29.0	23.1	10.9	5.1	1.8	0.0	0.0	0.0	0.1	6.6	16.8	23.6	
19	27.9	21.4	12.1	5.2	1.2	0.0	0.0	0.0	0.2	7.2	15.9	24.3	
20	26.5	17.4	12.2	4.5	0.9	0.0	0.0	0.0	0.1	6.6	16.8	24.6	
21	26.2	15.5	13.8	5.4	1.3	0.0	0.0	0.0	0.1	5.9	15.8	22.4	
22	25.9	18.4	13.2	4.8	1.0	0.0	0.0	0.0	0.7	6.3	17.8	22.7	
23	26.3	17.7	11.2	5.0	0.3	0.0	0.0	0.0	0.9	6.9	17.5	24.0	
24	26.3	18.7	11.0	4.5	0.3	0.0	0.0	0.0	0.9	7.9	17.3	24.9	
25	26.8	19.1	11.5	3.3	0.4	0.0	0.0	0.0	0.8	7.4	17.2	27.6	
26	25.1	20.4	11.3	4.9	0.2	0.0	0.0	0.0	1.0	7.6	18.0	25.3	
27	24.8	19.1	10.6	5.2	0.2	0.0	0.0	0.0	1.2	9.0	18.2	22.2	
28	25.3	18.6	9.4	3.8	0.1	0.0	0.0	0.0	1.3	9.6	18.8	22.1	
29	25.1	3.6	10.6	3.1	0.3	0.0	0.0	0.0	1.9	9.7	17.2	22.3	
30	26.0		9.5	2.7	0.1	0.0	0.0	0.0	2.0	8.7	16.7	22.4	
31	24.7		10.1		0.1		0.0	0.0		7.9		21.9	
<b>Calendar Total</b>	<b>795.8</b>	<b>623.5</b>	<b>430.3</b>	<b>185.1</b>	<b>45.3</b>	<b>1.2</b>	<b>0.0</b>	<b>0.1</b>	<b>12.9</b>	<b>162.1</b>	<b>448.8</b>	<b>685.6</b>	<b>3,390.7</b>
<b>Cycle Total</b>	<b>746.7</b>	<b>785.1</b>	<b>507.1</b>	<b>297.0</b>	<b>104.1</b>	<b>12.9</b>	<b>0.0</b>	<b>0.1</b>	<b>1.3</b>	<b>53.7</b>	<b>311.5</b>	<b>571.2</b>	<b>3,390.7</b>

<b>30-YEAR AVERAGE TOTAL</b>	<b>3,390.7</b>
<b>NON-LEAP YEAR TOTAL</b>	<b>3,387.1</b>
<b>LEAP YEAR TOTAL<sup>3</sup></b>	<b>3,401.5</b>

## Footnotes:

1/ Consistent with the requirements of the Company's billing system, daily heating degree days are reflected out to one decimal place

2/ The values herein reflect the 30-year average degree days for the period ended December 31, 2022

3/ The Heating Degree Day value for February 29 is 14.4 (= 3.6 x 4).