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October 18, 2021

**VIA ELECTRONIC FILING**

Ms. Antonia Dunston  
Interim Chief Clerk  
North Carolina Utilities Commission  
430 N. Salisbury Street, Dobbs Building  
Raleigh, North Carolina 27603

**Re: Docket No. G-9, Sub 781**  
**Docket No. G-9, Sub 786**  
**Docket No. G-9, Sub 722**

Dear Ms. Dunston:

Pursuant to Paragraph Nos. III.D.1.d. and III.D.2.c. of the Stipulation of Partial Settlement filed in the above-referenced dockets on September 7, 2021 (“Stipulation”), Piedmont Natural Gas Company, Inc. (“Piedmont”) submits the attached Supplemental Settlement Testimony and Exhibits of Pia K. Powers and the Second Supplemental Testimony of Adam Long regarding Piedmont’s final recommendation with respect to the total revenue requirement and rates in this proceeding, including the Robeson Liquefied Natural Gas (“LNG”) Plant and the Pender-Onslow Expansion project.

Thank you for your assistance with this matter. If you have any questions regarding this filing, you may reach me at the number shown above.

Sincerely,

/s/ James H. Jeffries IV  
James H. Jeffries IV

JHJ/rkg

Enclosures

cc: Lucy Edmondson  
Elizabeth Culpepper  
Bruce Barkley  
Pia Powers  
Parties of Record

**CERTIFICATE OF SERVICE**

The undersigned hereby certifies that a copy of the attached is being served this date upon all of the parties to this docket electronically or by depositing a copy of the same in the United States Mail, First Class Postage Prepaid, at the addresses contained in the official service list in this proceeding.

This the 18th day of October, 2021.

/s/ Richard K. Goley  
Richard K. Goley

**Before the  
North Carolina Utilities Commission**

**Docket No. G-9, Sub 781**

**General Rate Case**

**Supplemental Settlement Testimony and Exhibits  
of  
Pia K. Powers**

**On Behalf Of  
Piedmont Natural Gas Company, Inc.**

1 **Q. Please state your name, business address and title.**

2 A. My name is Pia K. Powers. My business address is 4720 Piedmont Row  
3 Drive, Charlotte, North Carolina. I am the Managing Director of Gas  
4 Rates & Regulatory for Piedmont Natural Gas Company, Inc. (“Piedmont”  
5 or “Company”).

6 **Q. Are you the same Pia K. Powers who prefiled Direct Testimony in this**  
7 **docket on March 22, 2021 and Settlement Testimony on September 7,**  
8 **2021?**

9 A. Yes, I am.

10 **Q. What is the purpose of your Supplemental Settlement Testimony in**  
11 **this proceeding?**

12 A. The Stipulation of Partial Settlement (“Stipulation”) between Piedmont  
13 and the Public Staff - North Carolina Utilities Commission (“Public  
14 Staff”), the Carolina Utility Customers Association, Inc. and the Carolina  
15 Industrial Group for Fair Utility Rates IV, which was filed in this docket  
16 on September 7, 2021, provides for two updates. Specifically, Section  
17 III.D.1. of the Stipulation provides for the overall stipulated revenue  
18 increase and proposed rates to be updated for the actual amounts closed to  
19 plant through August 31, 2021 for the Company’s Robeson LNG project.  
20 Section III.D.2. of the Stipulation provides for a similar update for the  
21 Company’s Pender Onslow Expansion project. My Supplemental  
22 Settlement Testimony explains these updates and their impact to the  
23 stipulated revenue increase and proposed rates.

1 **Q. Did the Stipulation filed on September 7, 2021 present the overall**  
2 **revenue increase and proposed rates including the impact of the**  
3 **Robeson LNG and Pender Onslow Expansion projects?**

4 A. The Stipulation and some of its accompanying exhibits included the  
5 *estimated* impact to the overall revenue requirement and proposed rates of  
6 the Robeson LNG and Pender Onslow Expansion projects. The impact  
7 was estimated at that time because the Company's books and records for  
8 the month of August 2021 including the actual plant balance for these two  
9 projects, had not yet been finalized. Exhibits A2, C2, E2, J2, K2 and L2  
10 of the Stipulation include the impact of the Robeson LNG and Pender  
11 Onslow Expansion projects based on their estimated plant in service  
12 amounts as of August 31, 2021.<sup>1</sup>

13 On September 20, 2021, Piedmont filed in this docket the actual  
14 amounts closed to plant through August 31, 2021 for these two projects,  
15 which were ultimately different than the amounts estimated and used for  
16 the September 7, 2021 Stipulation filing. The fact that the actual amounts  
17 closed to plant for these two projects ended up being different than the  
18 estimates used for Stipulation Exhibits A2, C2, E2, J2, K2 and L2 drives  
19 the need to present this Supplemental Settlement Testimony.

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<sup>1</sup> Note that the information presented in Exhibits B, D, F, G, H and I of the Stipulation are unaffected by the Robeson LNG and Pender Onslow Expansion projects. For this reason, only one version of each of these exhibits was presented in the Stipulation, and no further update is needed to them at this time.

1 **Q. Do you have any exhibits supporting your Supplemental Settlement**  
2 **Testimony?**

3 A. Yes, I have two. Supplemental Settlement Exhibit\_\_(PKP-1) is a  
4 reconciliation schedule identifying the settled adjustments to Piedmont's  
5 revenue increase request as now updated for the actual Robeson LNG and  
6 Pender Onslow Expansion plant amounts. For comparative purposes,  
7 Supplemental Settlement Exhibit\_\_(PKP-1) also shows the settled  
8 adjustments based on the estimated Robeson LNG and Pender Onslow  
9 Expansion Projects costs as of August 31, 2021 presented in the  
10 September 7, 2021 filing.

11 Supplemental Settlement Exhibit\_\_(PKP-2) contains Stipulation  
12 Exhibits A3, C3, E3, J3, K3 and L3, reflecting the overall stipulated  
13 revenue increase and proposed rates in alignment with the actual Robeson  
14 LNG and Pender Onslow Expansion plant amounts as of August 31, 2021.  
15 These A3 *et seq.* Stipulation Exhibits effectually replace the A2 *et seq.*  
16 Stipulation Exhibits which were based upon the estimated Robeson LNG  
17 and Pender Onslow Expansion Projects costs as of August 31, 2021.

18 **Q. Were these exhibits prepared by you or under your direction and**  
19 **supervision?**

20 A. Yes.

1 **Q. Please explain how the Public Staff pursued its investigation of the**  
2 **actual Robeson LNG and Pender Onslow plant amounts.**

3 A. Throughout the course of this proceeding, many of the Public Staff's data  
4 requests to Piedmont investigated the need, construction process,  
5 operational status and costs for the Robeson LNG and Pender Onslow  
6 Expansion projects. In the time since the Stipulation was filed, Piedmont  
7 responded to additional data requests from Public Staff regarding the  
8 operational status and actual amounts closed to plant through August 31,  
9 2021 for these two projects. Public Staff and Piedmont also continued  
10 discussions and collaboration to accordingly update the overall stipulated  
11 revenue increase and proposed rates.

12 **Q. How much difference was there between the estimated and actual**  
13 **plant amounts for Robeson LNG and Pender Onslow projects as of**  
14 **August 31, 2021?**

15 A. Stipulation Exhibit A2 included a combined plant in service balance for  
16 these two projects of approximately \$255.2 million. The actual combined  
17 August 31, 2021 plant in service balance for these two projects amounted  
18 to \$256.8 million, which reflects a difference of \$1.6 million above the  
19 estimated amount used for the September 7, 2021 Stipulation filing.  
20 These amounts, including the detail by utility plant account, are shown in  
21 the Company's September 20, 2021 filing in this docket.

1 Q. **How was the overall stipulated revenue increase updated for the**  
2 **actual Robeson LNG and Pender Onslow Expansion plant amounts at**  
3 **August 31, 2021?**

4 A. The estimated August 31, 2021 plant in service amounts for these two  
5 projects, which was embedded in the total settled plant in service amount  
6 shown in Stipulation Exhibit A2, were replaced with the actual August 31,  
7 2021 plant in service amounts for these two projects. Corresponding  
8 updates were made to other elements of the settled rate base (namely,  
9 accumulated depreciation and the lead lag component of working capital)  
10 and to operating expense (namely, depreciation expense and property tax  
11 expense, with flow-thru effects to operations & maintenance expense and  
12 income tax expense). Based on these updates, the stipulated annual  
13 margin revenue increase changed from \$67,137,199 to \$67,314,874,  
14 which is an increase of \$177,675. This comparative difference in the  
15 stipulated revenue increase is shown in my Supplemental Settlement  
16 Exhibit\_(PKP-1). The update to August 31, 2021 actuals for these  
17 projects has no bearing on cost of gas revenues. Therefore, the stipulated  
18 cost of gas revenue increase remains unchanged at \$6,931,287. In total,  
19 the overall stipulated revenue increase changed from \$74,068,486 to  
20 \$74,246,161 as a result of the update to August 31, 2021 actual plant  
21 amounts for these two projects.



1 **Q. Does Piedmont plan to implement proposed rates prior to the**  
2 **Commission's approval of the Stipulation?**

3 A. Yes. On October 12, 2021, Piedmont filed a Motion for Expedited  
4 Approval of Notice and Undertaking Required by N.C. Gen. Stat. § 62-  
5 135(c) to Implement Temporary Rates, Subject to Refund. The  
6 Commission issued its Order Approving Public Notice of Interim Rates  
7 Subject to Refund and Financial Undertaking on October 14, 2021, as  
8 requested by the Company in order to accommodate the timely publication  
9 of the public notice in newspapers of general circulation in the Company's  
10 service territory ten days prior to the effective date of the temporary rates.  
11 The temporary rates that Piedmont proposed and that the Commission  
12 approved the Company to implement effective November 1, 2021 subject  
13 to refund are the proposed base margin rates and cost of gas demand rates  
14 shown on Stipulation Exhibit K2.

15 **Q. What are you requesting the Commission do in this case?**

16 A. I am requesting that the Commission approve the terms of the Stipulation,  
17 as updated with the A3 *et seq.* Stipulation Exhibits, as just and reasonable  
18 and the appropriate resolution of this case.

19 **Q. Does this conclude your Settlement Testimony?**

20 A. Yes, thank you.

**SUPPLEMENTAL SETTLEMENT  
EXHIBIT\_(PKP-1)**

**Piedmont Natural Gas Company, Inc.**  
Docket No. G-9, Sub 781  
**SUMMARY OF SETTLEMENT ADJUSTMENTS**  
*Including Robeson LNG and Pender-Onslow*  
For The Test Year Ended December 31, 2020

Line No.	Item	Settlement with ESTIMATED Robeson LNG & Pender-Onslow Project Costs	Settlement with ACTUAL Robeson LNG & Pender-Onslow Project Costs	Difference
1	<b>Increase in Revenue Requirement as Requested by the Company in its 3/22/2021 Filed Application</b>	<b>\$109,025,725</b>	<b>\$109,025,725</b>	<b>\$0</b>
2	Adjustment to the Company's Request per its 7/28/2021 Update Filing	(12,153,620)	(12,153,620)	0
3	<b>Increase in Revenue Requirement as Requested per the Company's Update Filing</b>	<b>\$96,872,105</b>	<b>\$96,872,105</b>	<b>\$0</b>
	<u>Settlement Adjustments to Margin Revenue:</u>			
4	Change in Equity ratio from 52% to 51.60%	(1,935,965)	(1,935,965)	0
5	Change in cost of long-term debt from 4.08% to 4.08%	0	0	0
6	Change in cost of short-term debt from 0.35% to 0.20%	(46,446)	(46,446)	0
7	Change in return on equity from 10.25% to 9.60%	(20,743,428)	(20,743,428)	0
8	Plant in Service Updates and Related Items	(254,099)	(77,463)	176,636
9	ADIT - updated balance to June 30, 2021	0	0	0
10	Design Day Allocation Change - removed Public Staff adjustment	0	0	0
11	Cash working capital - Lead Lag based on pro forma revenues and expenses	(1,215,364)	(1,216,202)	(838)
12	Other working capital - June 30, 2021 updates	0	0	0
13	EOP Revenues & Commodity COG - moved to line 47	0	0	0
14	Adjustment to other operating revenues	(1,905,124)	(1,905,124)	0
15	Adjustment to the Demand Cost of Gas - moved to line 48	0	0	0
16	Robeson LNG Adjustment - Lines 456 and 457, land, and operating expenses	0	0	0
17	Special Contract (Original Lincoln CT) - remove plant previously recovered through lump sum payment	(111,287)	(111,287)	0
18	Payroll and Related Expenses	(15,965)	(15,965)	0
19	Other Benefits	(1,313,594)	(1,313,594)	0
20	Pension OPEB LTD Expense	(436,672)	(436,672)	0
21	Customer Payment Fees	0	0	0
22	Board Expenses	(362,829)	(362,829)	0
23	Executive Compensation	(270,949)	(270,949)	0
24	Incentive Plans	(367,973)	(367,973)	0
25	Rate Case Expenses - 4 year amortization, no unamortized balance from G-9 Sub 743	(175,794)	(175,794)	0
26	Sponsorships & Donations	(63,771)	(63,771)	0
27	Uncollectibles	(1,015,778)	(1,015,778)	0
28	Inflation Adjustment	(160,589)	(160,589)	0
29	Nonutility Adjustment - operating expenses and rate base	(547,483)	(547,483)	0
30	Deferral: PIM-T Costs - update actual expenses @ June 30, 2021, 4 year amort, adj reg asset EOP bal	(272,957)	(272,957)	0
31	Deferral: Environ Costs - update actual expenses @ June 30, 2021, 4 year amort, adj reg asset EOP bal	26,407	26,407	0
32	Deferral: PIM-D Costs - update actual expenses @ June 30, 2021, 4 year amort, adj reg asset EOP bal	389,477	389,477	0
33	Deferral: Eastern NCNG, 4 year amortization	(138,435)	(138,435)	0
34	Deferral: Undercollection of Regulatory Fee, 4 year amortization	(54,416)	(54,416)	0
35	COVID Expense Adjustment	(438,384)	(438,384)	0
36	Regulatory Fee Expense	3,797	3,797	0
37	Advertising - remove promotional, image, competitive, & non-recurring	(384,905)	(384,905)	0
38	Aviation Expense	(192,202)	(192,202)	0
39	Interest on customer deposits	(490)	(490)	0
40	Lobbying Expenses	(76,564)	(76,564)	0
41	Amortization of Federal protected EDIT, net of tax	1,652,340	1,652,340	0
42	Change in retention factor - Uncollectibles and Regulatory Fee changes	(88,311)	(88,311)	0
43	Adjust cash working capital for recommended revenue increase	782,540	784,417	1,877
44	Rounding	308	308	0
45	Total Settlement Adjustments to Margin Revenue (Sum of Lines 4 thru 44)	(29,734,906)	(29,557,231)	177,675
46	<b>Settlement Increase in Margin Revenue (Line 3 + Line 45)</b>	<b>\$67,137,199</b>	<b>\$67,314,874</b>	<b>\$177,675</b>
47	Decrease in Commodity Cost of Gas - update CU & LAUF gas factor	(2,035,207)	(2,035,207)	0

**Piedmont Natural Gas Company, Inc.**  
Docket No. G-9, Sub 781  
**SUMMARY OF SETTLEMENT ADJUSTMENTS**  
*Including Robeson LNG and Pender-Onslow*  
For The Test Year Ended December 31, 2020

Line No.	Item	Settlement with ESTIMATED Robeson LNG & Pender-Onslow Project Costs	Settlement with ACTUAL Robeson LNG & Pender-Onslow Project Costs	Difference
48	Increase in Demand Cost of Gas - update of fixed gas costs	8,966,494	8,966,494	0
49	<b>Settlement Increase in Cost of Gas Revenues (Line 47 + Line 48)</b>	<b>6,931,287</b>	<b>6,931,287</b>	<b>0</b>
50	<b>Total Settlement Revenue Requirement Increase (Line 46 + Line 49)</b>	<b>\$74,068,486</b>	<b>\$74,246,161</b>	<b>\$177,675</b>
<u>EDIT Rider impacts on Revenue Requirement:</u>				
51	Annual Amount of Federal Unprotected EDIT Rider, 3 year remaining flow back	(25,562,970)	(25,562,970)	0
52	Annual Amount of State EDIT Rider, 1 year remaining flow back	(22,201,275)	(22,201,275)	0
53	Annual EDIT Rider Impact (Line 51 + Line 52)	<b>(\$47,764,245)</b>	<b>(\$47,764,245)</b>	<b>\$0</b>
54	Change in Revenue Requirement for Year 1, including EDIT Rider Impact (Line 50 + Line 53)	26,304,241	26,481,916	177,675 [1]
55	Change in Revenue Requirement for Years 2 & 3, including EDIT Rider Impact (Line 50 + Line 51)	48,505,516	48,683,191	177,675 [1]
56	Change in Revenue Requirement for Years 4 & thereafter, including EDIT Rider Impact (Line 50)	74,068,486	74,246,161	177,675 [1]

[1] Year 1 = Nov 1, 2021 thru Oct 31, 2022  
Year 2 = Nov 1, 2022 thru Oct 31, 2023  
Year 3 = Nov 1, 2023 thru Oct 31, 2024  
Year 4 = Nov 1, 2024 thru Oct 31, 2025

**SUPPLEMENTAL SETTLEMENT  
EXHIBIT\_(PKP-2)**

**Piedmont Natural Gas Company, Inc.**  
Docket No. G-9, Sub 781  
**STATEMENT OF NET OPERATING INCOME FOR RETURN, RATE BASE AND OVERALL RETURN**  
*UPDATED TO INCLUDE ROBESON LNG AND PENDER-ON SLOW ACTUALS*  
For The Test Year Ended December 31, 2020

Line No.	Item	Per Company (a)	Public Staff Adjustments (b)	After Public Staff Adjustments (c)	Margin Revenue Increase (d)	Cost of Gas Revenue Increase (e)	After Rate Increase (f)
<b>NET OPERATING INCOME FOR RETURN</b>							
<b>Operating Revenues:</b>							
1	Sales and transportation of gas	\$1,112,696,326	\$0	\$1,112,696,326	\$67,314,874	\$6,931,287	\$1,186,942,487
2	Other operating revenues	1,136,144	1,894,155	3,030,299			3,030,299
3	Total operating revenues	1,113,832,470	1,894,154.84	1,115,726,625	67,314,874	6,931,287	1,189,972,786
4	Cost of gas	363,753,310	6,879,660	370,632,970			370,632,970
5	<b>Margin</b>	750,079,160	(4,985,505)	745,093,655	67,314,874	6,931,287	819,339,816
<b>Operating Expenses:</b>							
6	Operating and maintenance	219,043,033	(5,397,256)	213,645,777	387,581	39,908	\$214,073,266
7	Depreciation	174,742,293	(467,584)	174,274,710			174,274,710
8	General taxes	37,141,210	(142,102)	36,999,108			36,999,108
9	State income tax (2.5%)	5,684,100	18,835	5,702,935	1,668,647	172,284	7,543,866
10	Federal income tax (21%)	42,489,648	154,257	42,643,905	13,666,218	1,411,010	57,721,133
11	Amortization of investment tax credits	(28,065)	0	(28,065)			(28,065)
12	Amortization of EDIT	0	1,265,387	1,265,387			1,265,387
13	Total operating expenses	479,072,219	(4,568,463)	474,503,756	15,722,445	1,623,203	491,849,404
14	Interest on customer deposits	(895,159)	375	(894,784)			(894,784)
15	Net operating income for return	\$270,111,782	(\$416,667)	\$269,695,115	\$51,592,429	\$5,308,084	\$326,595,628
<b>RATE BASE</b>							
16	Plant in service	\$7,088,221,950	(\$6,583,837)	\$7,081,638,114	\$0	0	\$7,081,638,114
17	Accumulated depreciation	(1,685,129,720)	4,263,445	(1,680,866,275)	0	0	(1,680,866,275)
18	Net plant in service	5,403,092,230	(2,320,391)	5,400,771,839	0	0	5,400,771,839
19	Working Capital - Other	105,078,018	0	105,078,018	0	0	105,078,018
20	Working Capital - Lead Lag	71,838,820	(14,428,450)	57,410,370	9,305,960	0	66,716,330
21	Deferred Regulatory Assets	66,864,624	1,873,378	68,738,002	0	0	68,738,002
22	Deferred Income Taxes	(910,549,794)	389,930	(910,159,864)	0	0	(910,159,864)
23	Original cost rate base	\$4,736,323,899	(\$14,485,533)	\$4,721,838,365	\$9,305,960	\$0	\$4,731,144,325
24	Overall Rate of Return on Rate Base	5.70%		5.71%			6.90%

Piedmont Natural Gas Company, Inc.  
 Docket No. G-9, Sub 781  
 Stipulated Revenue by Rate Class  
 Updated to Include Robeson LNG and Pender-Onslow Actuals

Line No.	(rates and volumes per dekatherm) Rate Schedule	Volumes (1)	Number of Bills (2)	Margin Rates (3)	COG Demand Rates (4)	COG Commodity Rates (5)	Total "Clean" Proposed Rates (6)	Total Stipulated Revenues (7)
1	<b>101 - Residential Service</b>							
2	Bills - Winter		3,515,352	10.00			10.00	35,153,519
3	Bills - Summer		4,916,305	10.00			10.00	49,163,053
4	DTs - Winter	30,582,570		9.3887	1.4780	3.2970	14.1637	433,162,347
5	DTs - Summer	8,681,879		9.3887	0.9147	3.2970	13.6004	118,077,032
6	Integrity Management Rider Revenues							-
7								
8								
9	<b>Experimental Motor Vehicle Fuel</b>							
10	<b>143 / 101 - Residential Service</b>							
11	Bills - Winter		-	10.00			10.00	-
12	Bills - Summer		-	10.00			10.00	-
13	DTs - Winter	-		9.3887	1.4780	3.2970	14.1637	-
14	DTs - Summer	-		9.3887	0.9147	3.2970	13.6004	-
15								
16								
17	<b>RESIDENTIAL SERVICE</b>							
18	Bills		8,431,657					
19	Winter Dts	30,582,570						
20	Summer Dts	8,681,879						
21	Total Dts	39,264,449						
22								
23	Revenues						\$	635,555,950
24								

Piedmont Natural Gas Company, Inc.  
 Docket No. G-9, Sub 781  
 Stipulated Revenue by Rate Class  
 Updated to Include Robeson LNG and Pender-Onslow Actuals

Line No.	(rates and volumes per dekatherm) Rate Schedule	Volumes (1)	Number of Bills (2)	Margin Rates (3)	COG Demand Rates (4)	COG Commodity Rates (5)	Total "Clean" Proposed Rates (6)	Total Stipulated Revenues (7)
25								
26	<b>102- Small General Service</b>							
27	Bills		865,235	22.00			22.00	19,035,177
28	DTs - Winter	17,200,095		6.5703	1.2741	3.2970	11.1414	191,633,134
29	DTs - Summer	7,759,515		6.5703	0.8226	3.2970	10.6899	82,948,436
30	Integrity Management Rider Revenues							-
31	Minimum Margin Agreement Revenues							-
32								
33								
34	<b>Experimental Motor Vehicle Fuel</b>							
35	<b>143 / 102- Small General Service</b>							
36	Bills		108	22.00				2,376
37	Winter Dts	6,927		6.5703	1.2741	3.2970	11.1414	77,172
38	Summer Dts	4,947		6.5703	0.8226	3.2970	10.6899	52,884
39								
40								
41	<b>152- Medium General Service</b>							
42	Bills		6,225	75.00			75.00	466,888
43	Winter - First 500 DTs	1,260,433		5.5475	1.1101	3.2970	9.9546	12,547,107
44	Winter - Over 500 DTs	1,621,520		5.5475	0.7329	3.2970	9.5774	15,529,943
45	Total Winter DTs	2,881,953						28,077,049
46								
47								
48	Summer - First 500 DTs	1,266,956		5.5475	1.0445	3.2970	9.8890	12,528,923
49	Summer - Over 500 DTs	887,172		5.5475	0.6963	3.2970	9.5408	8,464,333
50	Total Summer DTs	2,154,128						20,993,256
51								
52	Integrity Management Rider Revenues							-
53	Minimum Margin Agreement Revenues							65,978
54								
55								
56	<b>Experimental Motor Vehicle Fuel</b>							
57	<b>143 / 152- Medium General Service</b>							
58	Bills		-	75.00			75.00	-
59	Winter - First 500 DTs	-		5.5475	1.1101	3.2970	9.9546	-
60	Winter - Over 500 DTs	-		5.5475	0.7329	3.2970	9.5774	-
61	Total Winter DTs	-						-
62								
63								
64	Summer - First 500 DTs	-		5.5475	1.0445	3.2970	9.8890	-
65	Summer - Over 500 DTs	-		5.5475	0.6963	3.2970	9.5408	-
66	Total Summer DTs	-						-
67								
68								
69	<b>Experimental Motor Vehicle Fuel</b>							
70	<b>144- Medium General Transportation Service</b>							
71	Bills		-	75.00			75.00	-
72	Winter - First 500 DTs	-		5.5475	1.1101	0.0470	6.7046	-
73	Winter - Over 500 DTs	-		5.5475	0.7329	0.0470	6.3274	-
74	Total Winter DTs	-						-
75								
76								
77	Summer - First 500 DTs	-		5.5475	1.0445	0.0470	6.6390	-
78	Summer - Over 500 DTs	-		5.5475	0.6963	0.0470	6.2908	-
79	Total Summer DTs	-						-
80								
81								
82	<b>142 - Natural Gas Vehicle Fuel - Company Stations</b>							
83	DTs - Winter	33,028		6.3678	1.3449	3.2970	11.0097	363,631
84	DTs - Summer	45,052		6.3678	1.3449	3.2970	11.0097	496,011
85	Compression Charge Revenues			4.0000			4.0000	312,322
86	Integrity Management Rider Revenues							-
87								
88	<b>SMALL &amp; MEDIUM GENERAL / NGV FUEL SERVICE</b>							
89	Bills		871,568					
90	Winter Dts	20,122,002						
91	Summer Dts	9,963,642						
92	Total Dts	30,085,644						
93								
94	Revenues						\$	344,524,315
95								



Piedmont Natural Gas Company, Inc.  
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Line No.	(rates and volumes per dekatherm)	Volumes (1)	Number of Bills (2)	Margin Rates (3)	COG Demand Rates (4)	COG Commodity Rates (5)	Total "Clean" Proposed Rates (6)	Total Stipulated Revenues (7)
96								
97	<b>103 - Large General Sales Service</b>							
98	Bills		940	350.00			350.00	329,000
99	Demand	175,455		2,4200	12.7500	-	15,1700	2,661,645
100	Winter - First 1,500 DTs	540,463		1.0351	0.8968	3.2970	5,2289	2,826,025
101	Winter - Next 3,000 DTs	472,780		0.4369	0.8918	3.2970	4,6257	2,186,939
102	Winter - Next 9,000 DTs	166,002		0.3832	0.5468	3.2970	4,2270	701,688
103	Winter - Next 16,500 DTs	7,041		0.3189	0.4438	3.2970	4,0597	28,585
104	Winter - Next 30,000 DTs	-		0.2798	0.4368	3.2970	4,0136	-
105	Winter - Over 60,000 DTs	-		0.2131	0.0968	3.2970	3,6069	-
106	Total Winter DTs	1,186,286						5,743,238
107								
108	Summer - First 1,500 DTs	657,365		0.3770	0.8356	3.2970	4,5096	2,964,455
109	Summer - Next 3,000 DTs	420,922		0.2742	0.5856	3.2970	4,1568	1,749,690
110	Summer - Next 9,000 DTs	121,663		0.2398	0.3606	3.2970	3,8974	474,169
111	Summer - Next 16,500 DTs	3,058		0.2056	0.2656	3.2970	3,7682	11,524
112	Summer - Next 30,000 DTs	-		0.1720	0.1356	3.2970	3,6046	-
113	Summer - Over 60,000 DTs	-		0.1369	0.0006	3.2970	3,4345	-
114	Total Summer DTs	1,203,009						5,199,837
115								
116	Integrity Management Rider Revenues							-
117	Minimum Margin Agreement Revenues							35,732
118								
119								
120	<b>Experimental Motor Vehicle Fuel</b>							
121	<b>143 / 103 - Large General Sales Service</b>							
122	Bills		36	350.00			350.00	12,600
123	Demand	8,419		2,4200	12.7500	-	15,1700	127,709
124	Winter - First 1,500 DTs	22,500		1.0351	0.8968	3.2970	5,2289	117,650
125	Winter - Next 3,000 DTs	29,515		0.4369	0.8918	3.2970	4,6257	136,527
126	Winter - Next 9,000 DTs	24,500		0.3832	0.5468	3.2970	4,2270	103,562
127	Winter - Next 16,500 DTs	-		0.3189	0.4438	3.2970	4,0597	-
128	Winter - Next 30,000 DTs	-		0.2798	0.4368	3.2970	4,0136	-
129	Winter - Over 60,000 DTs	-		0.2131	0.0968	3.2970	3,6069	-
130	Total Winter DTs	76,515						357,739
131								
132	Summer - First 1,500 DTs	31,500		0.3770	0.8356	3.2970	4,5096	142,052
133	Summer - Next 3,000 DTs	45,994		0.2742	0.5856	3.2970	4,1568	191,187
134	Summer - Next 9,000 DTs	40,008		0.2398	0.3606	3.2970	3,8974	155,927
135	Summer - Next 16,500 DTs	-		0.2056	0.2656	3.2970	3,7682	-
136	Summer - Next 30,000 DTs	-		0.1720	0.1356	3.2970	3,6046	-
137	Summer - Over 60,000 DTs	-		0.1369	0.0006	3.2970	3,4345	-
138	Total Summer DTs	117,502						489,166
139								
140	Integrity Management Rider Revenues							-
141	Minimum Margin Agreement Revenues							-
142	Compression Charge Revenues							143,569
143								
144								
145	<b>104 - Interruptible Sales Service</b>							
146	Bills		208	350.00			350.00	72,800
147	Winter - First 1,500 DTs	126,290		1.0607	1.1018	3.2970	5,4595	689,478
148	Winter - Next 3,000 DTs	167,195		0.4444	1.4218	3.2970	5,1632	863,259
149	Winter - Next 9,000 DTs	86,368		0.3900	1.0768	3.2970	4,7638	411,441
150	Winter - Next 16,500 DTs	-		0.3269	0.8338	3.2970	4,4577	-
151	Winter - Next 30,000 DTs	-		0.2866	0.6418	3.2970	4,2254	-
152	Winter - Over 60,000 DTs	-		0.2176	0.5384	3.2970	4,0530	-
153	Total Winter DTs	379,853						1,964,179
154								
155	Summer - First 1,500 DTs	146,785		0.5886	0.9749	3.2970	4,8605	713,449
156	Summer - Next 3,000 DTs	117,722		0.4294	0.8549	3.2970	4,5813	539,318
157	Summer - Next 9,000 DTs	34,380		0.3769	0.8049	3.2970	4,4788	153,982
158	Summer - Next 16,500 DTs	3,243		0.3210	0.6799	3.2970	4,2979	13,938
159	Summer - Next 30,000 DTs	-		0.2682	0.6549	3.2970	4,2201	-
160	Summer - Over 60,000 DTs	-		0.2139	0.5749	3.2970	4,0858	-
161	Total Summer DTs	302,130						1,420,688
162								
163	Integrity Management Rider Revenues							-
164	Minimum Margin Agreement Revenues							-
165								

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Line No.	(rates and volumes per dekatherm)	Volumes (1)	Number of Bills (2)	Margin Rates (3)	COG Demand Rates (4)	COG Commodity Rates (5)	Total "Clean" Proposed Rates (6)	Total Stipulated Revenues (7)
166								
167	<b>Experimental Motor Vehicle Fuel</b>							
168	<b>143 / 104 - Interruptible Sales Service</b>							
169	Bills			350.00			350.00	-
170	Winter - First 1,500 DTs	-		1.0607	1.1018	3.2970	5.4595	-
171	Winter - Next 3,000 DTs	-		0.4444	1.4218	3.2970	5.1632	-
172	Winter - Next 9,000 DTs	-		0.3900	1.0768	3.2970	4.7638	-
173	Winter - Next 16,500 DTs	-		0.3269	0.8338	3.2970	4.4577	-
174	Winter - Next 30,000 DTs	-		0.2866	0.6418	3.2970	4.2254	-
175	<u>Winter - Over 60,000 DTs</u>	-		0.2176	0.5384	3.2970	4.0530	-
176	Total Winter DTs	-						-
177								
178	Summer - First 1,500 DTs	-		0.5886	0.9749	3.2970	4.8605	-
179	Summer - Next 3,000 DTs	-		0.4294	0.8549	3.2970	4.5813	-
180	Summer - Next 9,000 DTs	-		0.3769	0.8049	3.2970	4.4788	-
181	Summer - Next 16,500 DTs	-		0.3210	0.6799	3.2970	4.2979	-
182	Summer - Next 30,000 DTs	-		0.2682	0.6549	3.2970	4.2201	-
183	<u>Summer - Over 60,000 DTs</u>	-		0.2139	0.5749	3.2970	4.0858	-
184	Total Summer DTs	-						-
185								
186								
187	<b>113 - Large General Transportation Service</b>							
188	Bills		3,516	350.00			350.00	1,230,600
189	Demand	1,686,422		2,4200	0.7500	-	3,1700	5,345,958
190	Winter - First 1,500 DTs	2,006,761		1.0351	0.8968	0.0470	1.9789	3,971,179
191	Winter - Next 3,000 DTs	2,722,361		0.4369	0.8918	0.0470	1.3757	3,745,151
192	Winter - Next 9,000 DTs	3,029,365		0.3832	0.5468	0.0470	0.9770	2,959,689
193	Winter - Next 16,500 DTs	1,990,377		0.3189	0.4438	0.0470	0.8097	1,611,609
194	Winter - Next 30,000 DTs	1,724,440		0.2798	0.4368	0.0470	0.7636	1,316,783
195	<u>Winter - Over 60,000 DTs</u>	3,001,054		0.2131	0.0968	0.0470	0.3569	1,071,076
196	Total Winter DTs	14,474,358						14,675,487
197								
198	Summer - First 1,500 DTs	2,644,564		0.3770	0.8356	0.0470	1.2596	3,331,093
199	Summer - Next 3,000 DTs	3,206,097		0.2742	0.5856	0.0470	0.9068	2,907,288
200	Summer - Next 9,000 DTs	3,460,313		0.2398	0.3606	0.0470	0.6474	2,240,207
201	Summer - Next 16,500 DTs	2,415,870		0.2056	0.2656	0.0470	0.5182	1,251,904
202	Summer - Next 30,000 DTs	2,141,810		0.1720	0.1356	0.0470	0.3546	759,486
203	<u>Summer - Over 60,000 DTs</u>	3,512,795		0.1369	0.0006	0.0470	0.1845	648,111
204	Total Summer DTs	17,381,449						11,138,089
205								
206	Integrity Management Rider Revenues							-
207	Minimum Margin Agreement Revenues							37,655
208								
209								
210	<b>Experimental Motor Vehicle Fuel</b>							
211	<b>143 / 113 - Large General Transportation Service</b>							
212	Bills		108	350.00			350.00	37,800
213	Demand	45,423		2,4200	0.7500	-	3,1700	143,992
214	Winter - First 1,500 DTs	67,394		1.0351	0.8968	0.0470	1.9789	133,366
215	Winter - Next 3,000 DTs	94,486		0.4369	0.8918	0.0470	1.3757	129,984
216	Winter - Next 9,000 DTs	58,028		0.3832	0.5468	0.0470	0.9770	56,693
217	Winter - Next 16,500 DTs	82,500		0.3189	0.4438	0.0470	0.8097	66,800
218	Winter - Next 30,000 DTs	47,512		0.2798	0.4368	0.0470	0.7636	36,280
219	<u>Winter - Over 60,000 DTs</u>	-		0.2131	0.0968	0.0470	0.3569	-
220	Total Winter DTs	349,919						423,123
221								
222	Summer - First 1,500 DTs	94,500		0.3770	0.8356	0.0470	1.2596	119,032
223	Summer - Next 3,000 DTs	143,006		0.2742	0.5856	0.0470	0.9068	129,678
224	Summer - Next 9,000 DTs	87,207		0.2398	0.3606	0.0470	0.6474	56,458
225	Summer - Next 16,500 DTs	115,500		0.2056	0.2656	0.0470	0.5182	59,852
226	Summer - Next 30,000 DTs	79,645		0.1720	0.1356	0.0470	0.3546	28,242
227	<u>Summer - Over 60,000 DTs</u>	-		0.1369	0.0006	0.0470	0.1845	-
228	Total Summer DTs	519,859						393,262
229								
230	Integrity Management Rider Revenues							-
231	Minimum Margin Agreement Revenues							10,988
232	Compression Charge Revenues							1,096,104
233								

Piedmont Natural Gas Company, Inc.  
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Line No.	(rates and volumes per dekatherm)	Volumes (1)	Number of Bills (2)	Margin Rates (3)	COG Demand Rates (4)	COG Commodity Rates (5)	Total "Clean" Proposed Rates (6)	Total Stipulated Revenues (7)
234								
235	<b>114 - Interruptible Transportation Service</b>							
236	Bills		2,891	350.00			350.00	1,011,850
237	Winter - First 1,500 DTs	1,583,831		1.0607	0.9292	0.0470	2.0369	3,226,105
238	Winter - Next 3,000 DTs	2,392,971		0.4444	0.8784	0.0470	1.3698	3,277,891
239	Winter - Next 9,000 DTs	3,198,909		0.3900	0.5737	0.0470	1.0107	3,233,138
240	Winter - Next 16,500 DTs	2,248,444		0.3269	0.2690	0.0470	0.6429	1,445,525
241	Winter - Next 30,000 DTs	2,132,135		0.2866	0.1675	0.0470	0.5011	1,068,413
242	<u>Winter - Over 60,000 DTs</u>	<u>1,362,136</u>		<u>0.2176</u>	<u>0.0659</u>	<u>0.0470</u>	<u>0.3305</u>	<u>450,186</u>
243	Total Winter DTs	12,918,426						12,701,258
244								
245	Summer - First 1,500 DTs	2,242,062		0.5886	0.4367	0.0470	1.0723	2,404,164
246	Summer - Next 3,000 DTs	3,162,517		0.4294	0.3047	0.0470	0.7811	2,470,242
247	Summer - Next 9,000 DTs	3,786,414		0.3769	0.2031	0.0470	0.6270	2,374,081
248	Summer - Next 16,500 DTs	2,689,562		0.3210	0.1016	0.0470	0.4696	1,263,018
249	Summer - Next 30,000 DTs	2,474,718		0.2682	0.0508	0.0470	0.3660	905,747
250	<u>Summer - Over 60,000 DTs</u>	<u>1,510,970</u>		<u>0.2139</u>	<u>-</u>	<u>0.0470</u>	<u>0.2609</u>	<u>394,212</u>
251	Total Summer DTs	15,866,243						9,811,464
252								
253	Integrity Management Rider Revenues							-
254	Minimum Margin Agreement Revenues							822,409
255								
256								
257	<b>Experimental Motor Vehicle Fuel</b>							
258	<b>143 / 114 - Interruptible Transportation Service</b>							
259	Bills		-	350.00			350.00	-
260	Winter - First 1,500 DTs	-		1.0607	0.9292	0.0470	2.0369	-
261	Winter - Next 3,000 DTs	-		0.4444	0.8784	0.0470	1.3698	-
262	Winter - Next 9,000 DTs	-		0.3900	0.5737	0.0470	1.0107	-
263	Winter - Next 16,500 DTs	-		0.3269	0.2690	0.0470	0.6429	-
264	Winter - Next 30,000 DTs	-		0.2866	0.1675	0.0470	0.5011	-
265	<u>Winter - Over 60,000 DTs</u>	<u>-</u>		<u>0.2176</u>	<u>0.0659</u>	<u>0.0470</u>	<u>0.3305</u>	<u>-</u>
266	Total Winter DTs	-						-
267								
268	Summer - First 1,500 DTs	-		0.5886	0.4367	0.0470	1.0723	-
269	Summer - Next 3,000 DTs	-		0.4294	0.3047	0.0470	0.7811	-
270	Summer - Next 9,000 DTs	-		0.3769	0.2031	0.0470	0.6270	-
271	Summer - Next 16,500 DTs	-		0.3210	0.1016	0.0470	0.4696	-
272	Summer - Next 30,000 DTs	-		0.2682	0.0508	0.0470	0.3660	-
273	<u>Summer - Over 60,000 DTs</u>	<u>-</u>		<u>0.2139</u>	<u>-</u>	<u>0.0470</u>	<u>0.2609</u>	<u>-</u>
274	Total Summer DTs	-						-
275								
276								
277	<b>LARGE GENERALSERVICE</b>							
278	Bills		7,699					
279	Demand Dts	1,915,718						
280	Winter Dts	29,385,356						
281	Summer Dts	35,390,191						
282	<u>Total Dts</u>	<u>64,775,547</u>						
283								
284	Revenues						\$	77,437,939
285								

Piedmont Natural Gas Company, Inc.  
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Line No.	(rates and volumes per dekatherm) Rate Schedule	Volumes (1)	Number of Bills (2)	Margin Rates (3)	COG Demand Rates (4)	COG Commodity Rates (5)	Total "Clean" Proposed Rates (6)	Total Stipulated Revenues (7)
286								
287	<b>105 - Outdoor Gas Light Service</b>							
288	Bills		675					
289	Fixtures		5,397	20.27			20.27	109,390
290	DTs - Winter	3,593						
291	DTs - Summer	5,042						
292								
293								
294	<b>T-10 (675) - Military Operations Transportation</b>							
295	Bills		12					
296	Demand	84,000		-	10.0000		10.0000	840,000
297	DTs - Winter	745,667		1.4931	0.2516	0.0470	1.7917	1,336,011
298	DTs - Summer	514,826		0.3100	0.2516	0.0470	0.6086	313,323
299	Integrity Management Rider Revenues							
300								
301								
302	<b>Power Generation Contracts</b>							
303	Bills		194					
304	DTs - Winter	117,470,161						44,300,413
305	DTs - Summer	156,858,541						61,998,863
306								
307								
308	<b>Municipals Contracts</b>							
309	Bills		37					
310	DTs - Winter	4,204,171						4,213,561
311	DTs - Summer	2,847,562						5,484,045
312								
313								
314	<b>Special Contracts Military</b>							
315	Bills		36					
316	DTs - Winter	609,756						3,708,499
317	DTs - Summer	424,056						3,986,096
318								
319								
320	<b>Special Contracts</b>							
321	Bills		109					
322	DTs - Winter	2,111,542						1,410,569
323	DTs - Summer	2,576,984						1,720,773
324								
325								
326	<b>SPECIAL TARIFFS &amp; CONTRACTS</b>							
327	Bills		1,063					
328	Demand Dts	84,000						
329	Winter Dts	125,144,889						
330	Summer Dts	163,227,010						
331	Total Dts	288,371,899						
332								
333	Revenues							\$ 129,423,543
334								
335								
336	<b>GRAND TOTAL - ALL TARIFFS &amp; CONTRACTS</b>							
337	Bills		9,311,988					
338	Demand Dts	1,999,718						
339	Winter Dts	205,234,817						
340	Summer Dts	217,262,722						
341	Total Dts	422,497,539						
342								
343	Revenues							\$ 1,186,941,747
344								
345								
346	<b>SALES AND TRANSPORTATION</b>							
347	Total Sales	72,624,021						\$ 998,747,555
348	Total Transportation	62,770,746						61,369,373
349	Total Special Contracts including Power Generation	287,102,772						126,824,819
350	Total Annual	422,497,539						\$ 1,186,941,747
351								
352	Other Operating Revenues							3,030,299
353	Total Operating Revenue <sup>1</sup>							\$ 1,189,972,046
354								

<sup>1</sup>/ The target Total Stipulated Revenues used for this exhibit is \$1,189,972,786 as shown in Stipulation Exhibit A3 in the Supplemental Settlement Testimony of Pia K. Powers, Exhibit\_(PKP-2). The calculations shown in this exhibit yield a rounding difference of \$740 from the target Total Stipulated Revenues.

**Piedmont Natural Gas Company, Inc.**  
**Docket No. G-9, Sub 781**  
**Summary of Volumetric Throughput**

Description		Volumes (DT)
Line No.		
1	Sales	72,624,021 <sup>1/</sup>
2	Transportation	62,770,746
3	Total Sales and Transportation (Line 1 + Line 2)	135,394,767
4	Special Contracts including Power Generation	287,102,772
5	<b>Total Throughput (Line 3 + Line 4)</b>	<b>422,497,539</b>

1/ Includes Outdoor Gaslight Service.

**Piedmont Natural Gas Company, Inc.**  
**Docket No. G-9, Sub 781**  
**Summary of Customer Bills and Dekatherms by Rate Schedule**

Line No.	Rate Class	Proforma Number of Customer Bills			Proforma Normalized Customer Usage			%
		Winter (Nov - Mar)	Summer (Apr - Oct)	Annual	Winter Dts (Nov - Mar)	Summer Dts (Nov - Mar)	Annual Dts	
1	101 - Residential Service	3,515,352	4,916,305	8,431,657	30,582,570.2	8,681,879.3	39,264,449.5	9.29%
2	102- Small General Service	361,474	503,870	865,343	17,207,021.1	7,764,461.6	24,971,482.7	5.91%
3	152- Medium General Service	2,589	3,636	6,225	2,881,952.8	2,154,127.8	5,036,080.6	1.19%
4	142 - Natural Gas Vehicle Fuel - Company Stations	-	-	-	33,028.2	45,052.2	78,080.4	0.02%
5	144- Experimental Motor Fuel Vehicle Medium General Transportation Service	-	-	-	-	-	-	0.00%
6	103 - Large General Sales Service	402	574	976	1,262,800.5	1,320,510.2	2,583,310.7	0.61%
7	104 - Interruptible Sales Service	87	121	208	379,852.5	302,130.0	681,982.5	0.16%
8	113 - Large General Transportation Service	1,513	2,111	3,624	14,824,277.0	17,901,307.6	32,725,584.6	7.75%
9	114 - Interruptible Transportation Service	1,213	1,678	2,891	12,918,425.7	15,866,243.4	28,784,669.1	6.81%
10	105 - Outdoor Gas Light Service	282	393	675	3,593.0	5,041.6	8,634.6	0.00%
11	T-10 - Military Operations Transportation	5	7	12	745,666.8	514,825.7	1,260,492.5	0.30%
12	Power Generation Contracts	82	112	194	117,470,161.1	156,858,541.1	274,328,702.1	64.93%
13	Municipals Contracts	16	21	37	4,204,170.7	2,847,562.1	7,051,732.8	1.67%
14	Special Contracts Military	15	21	36	609,756.3	424,055.5	1,033,811.8	0.24%
15	Other Special Contracts	46	63	109	2,111,541.5	2,576,983.9	4,688,525.4	1.11%
16	<b>Total</b>	<b>3,883,075</b>	<b>5,428,912</b>	<b>9,311,988</b>	<b>205,234,817.4</b>	<b>217,262,722.0</b>	<b>422,497,539.3</b>	<b>100.00%</b>

**Piedmont Natural Gas Company, Inc**  
**Docket No. G-9 Sub 781**  
**Factors for the Margin Decoupling Tracker Mechanism**  
*Updated to Include Robeson LNG and Pender-Onslow Actuals*

	R Factor Winter (\$/therm)	R Factor Summer (\$/therm)	Heat Factor (therms/HDD)	Base Factor (therms/month)
101 - Residential Service	0.93887	0.93887	0.14424	8.53612
102- Small General Service	0.65703	0.65703	0.66877	111.56444
152- Medium General Service				
First 5,000 therms	0.55475	0.55475	10.82083	5240.74216
Over 5,000 therms	0.55475	0.55475	10.82083	5240.74216
<b>Normal Heating Degree Days<sup>1</sup></b>	<b>15 - 15</b>	<b>1 - 31</b>		
January	696.3	732.8		
February	711.0	560.2		
March	458.7	402.0		
April	273.7	154.2		
May	87.0	38.3		
June	12.5	1.6		
July	0.4	0.1		
August	-	-		
September	1.5	17.4		
October	68.2	173.3		
November	317.4	435.2		
December	539.7	651.3		
<b>Winter</b>	<b>2,723.1</b>	<b>2,781.5</b>		
<b>Summer</b>	<b>443.3</b>	<b>384.9</b>		
<b>Annual</b>	<b>3,166.4</b>	<b>3,166.4</b>		

1/ Normal Heating Degree Days are computed using a thirty-year average of heating degree days through the end of the Test Period, December 31, 2020.

**Piedmont Natural Gas Company, Inc.**  
**Docket No. G-9, Sub 781**  
**Comparison of End of Period Revenues to Stipulated Revenues by Class**  
*Updated to Include Robeson LNG and Pender-Onslow Actuals*

	[A]	[B]	[C]	[D]	[E]	[F]
Line No.	Revenue Class	Tariff Rate Schedule	End of Period Revenues	Total Revenue Increase (Decrease) <sup>1</sup>	Total Stipulated Revenues <sup>1</sup>	Overall Percent Increase (Decrease)
1	Residential Service	101	589,322,493	46,233,457	635,555,950	7.8%
2	Small General Service	102	271,583,679	22,165,501	293,749,180	8.2%
3	Medium General Service	152	46,058,357	3,544,814	49,603,172	7.7%
4	Natural Gas Vehicle Fuel	142	1,095,716	76,248	1,171,963	7.0%
5	Outdoor Gas Light Service	105	102,158	7,232	109,390	7.1%
6	Large General Sales Service	103	14,851,002	249,232	15,100,234	1.7%
7	Large General Transportation Service	113	32,051,843	2,481,215	34,533,058	7.7%
8	Firm Large General Service	103 / 113	46,902,845	2,730,447	49,633,292	5.8%
9	Interruptible Large General Sales Service	104	3,481,316	(23,650)	3,457,666	-0.7%
10	Interruptible Large General Transportation Service	114	25,013,809	(666,829)	24,346,981	-2.7%
11	Interruptible Large General Service	104 / 114	28,495,125	(690,479)	27,804,647	-2.4%
12	Military Operations Transportation Service	T-10	2,278,997	210,337	2,489,334	9.2%
13	<b>Tariff Sales and Transportation Revenue</b>		<b>985,839,371</b>	<b>74,277,557</b>	<b>1,060,116,928</b>	<b>7.5%</b>
14	Power Generation Special Contracts		106,299,276	-	106,299,276	0.0%
15	Other Special Contracts		20,557,679	(32,136)	20,525,543	-0.2%
16	<b>Total Sales and Transportation Revenue</b>		<b>1,112,696,326</b>	<b>74,245,421</b>	<b>1,186,941,747</b>	<b>6.7%</b>
17	Other Revenues		3,030,299	-	3,030,299	0.0%
18	<b>Total Operating Revenue</b>		<b>1,115,726,625</b>	<b>74,245,421</b>	<b>1,189,972,046</b>	<b>6.7%</b>

1/ The target Total Stipulated Revenues used for this exhibit is \$1,189,972,786 as shown in Stipulation Exhibit A3 in the Supplemental Settlement Testimony of Pia K. Powers, Exhibit\_(PKP-2). The calculations shown in this exhibit yield a rounding difference of \$740 from the target Total Stipulated Revenues.



Piedmont Natural Gas Company, Inc.  
Docket No. G-9, Sub 781  
Comparison of End of Period Revenues to Proposed Revenues by Class  
Updated to Include Robeson LNG and Pender-Onslow Actuals

Line No.	[A] Revenue Class	[B] Tariff Rate Schedule	[C] End of Period Revenues	[D] Stipulated Margin Revenue Increase (Decrease) <sup>1</sup>	[E] Stipulated Revenues Before COG Change <sup>1</sup>	[F] Margin Percent Increase (Decrease)	[G] Stipulated COG Demand Revenue Increase (Decrease) <sup>1</sup>	[H] Stipulated COG Commodity Revenue Increase (Decrease) <sup>1</sup>	[I] Total Stipulated Revenues <sup>1</sup>	[J] COG Percent Increase (Decrease)	[K] Overall Percent Increase (Decrease)
1	Residential Service	101	589,322,493	41,770,249	631,092,742	7.1%	5,044,322	(581,114)	635,555,950	0.7%	7.8%
2	Small General Service	102	271,583,679	19,166,354	290,750,032	7.1%	3,368,725	(369,578)	293,749,180	1.0%	8.2%
3	Medium General Service	152	46,058,357	3,064,471	49,122,828	6.7%	554,877	(74,534)	49,603,172	1.0%	7.7%
4	Natural Gas Vehicle Fuel	142	1,095,716	77,403	1,173,119	7.1%	-	(1,156)	1,171,963	-0.1%	7.0%
5	Outdoor Gas Light Service	105	102,158	7,232	109,390	7.1%	-	-	109,390	0.0%	7.1%
6	Large General Sales Service	103	14,851,002	287,465	15,138,467	1.9%	-	(38,233)	15,100,234	-0.3%	1.7%
7	Large General Transportation Service	113	32,051,843	2,965,554	35,017,396	9.3%	-	(484,339)	34,533,058	-1.4%	7.7%
8	Firm Large General Service	103 / 113	46,902,845	3,253,018	50,155,864	6.9%	-	(522,572)	49,633,292	-1.0%	5.8%
9	Interruptible Large General Sales Service	104	3,481,316	(13,557)	3,467,759	-0.4%	-	(10,093)	3,457,666	-0.3%	-0.7%
10	Interruptible Large General Transportation Service	114	25,013,809	(240,815)	24,772,994	-1.0%	-	(426,013)	24,346,981	-1.7%	-2.7%
11	Interruptible Large General Service	104 / 114	28,495,125	(254,372)	28,240,753	-0.9%	-	(436,106)	27,804,647	-1.5%	-2.4%
12	Military Operations Transportation Service	T-10	2,278,997	228,992	2,507,989	10.0%	-	(18,655)	2,489,334	-0.7%	9.2%
13	<b>Tariff Sales and Transportation Revenue</b>		<b>985,839,371</b>	<b>67,313,347</b>	<b>1,053,152,718</b>	<b>6.8%</b>	<b>8,967,924</b>	<b>(2,003,715)</b>	<b>1,060,116,928</b>	<b>0.7%</b>	<b>7.5%</b>
14	Power Generation Special Contracts		106,299,276	-	106,299,276	0.0%	-	-	106,299,276	0.0%	0.0%
15	Other Special Contracts		20,557,679	-	20,557,679	0.0%	-	(32,136)	20,525,543	-0.2%	-0.2%
16	<b>Total Sales and Transportation Revenue</b>		<b>1,112,696,326</b>	<b>67,313,347</b>	<b>1,180,009,673</b>	<b>6.0%</b>	<b>8,967,924</b>	<b>(2,035,851)</b>	<b>1,186,941,747</b>	<b>0.6%</b>	<b>6.7%</b>
17	Other Revenues		3,030,299	-	3,030,299	0.0%	-	-	3,030,299	0.0%	0.0%
18	<b>Total Operating Revenue</b>		<b>1,115,726,625</b>	<b>67,313,347</b>	<b>1,183,039,972</b>	<b>6.0%</b>	<b>8,967,924</b>	<b>(2,035,851)</b>	<b>1,189,972,046</b>	<b>0.6%</b>	<b>6.7%</b>

1/ The target Total Stipulated Revenues used for this exhibit is \$1,189,972,786 as shown in Stipulation Exhibit A3 in the Supplemental Settlement Testimony of Pia K. Powers, Exhibit\_(PKP-2). The calculations shown in this exhibit yield a rounding difference of \$740 from the target Total Stipulated Revenues.

Piedmont Natural Gas Company, Inc.  
 Docket No. G-9, Sub 781  
 Stipulated Revenue by Rate Element  
 Updated to Include Robeson LNG and Pender-Onslow Actuals

Line No.	(rates and volumes per dekatherm) Rate Schedule	Volumes (1)	Number of Bills (2)	Margin Rates (3)	Margin Revenues (4)	COG Demand Rates (5)	COG Demand Revenues (6)	COG Commodity Rates (7)	COG Commodity Revenues (8)
1	<b>101 - Residential Service</b>								
2	Bills - Winter		3,515,352	10.00	35,153,519				
3	Bills - Summer		4,916,305	10.00	49,163,053				
4	DTs - Winter	30,582,570		9.3887	287,130,575	1.4780	45,201,038	3.2970	100,830,733
5	DTs - Summer	8,681,879		9.3887	81,511,560	0.9147	7,941,315	3.2970	28,624,156
6	Integrity Management Rider Revenues				-				
7									
8									
9	<b>Experimental Motor Vehicle Fuel</b>								
10	<b>143 / 101 - Residential Service</b>								
11	Bills - Winter		-	10.00	-				
12	Bills - Summer		-	10.00	-				
13	DTs - Winter	-		9.3887	-	1.4780	-	3.2970	-
14	DTs - Summer	-		9.3887	-	0.9147	-	3.2970	-
15									
16									
17	<b>RESIDENTIAL SERVICE</b>								
18	Bills		8,431,657						
19	Winter Dts	30,582,570							
20	Summer Dts	8,681,879							
21	Total Dts	39,264,449							
22									
23	Revenues				\$ 452,958,707		\$ 53,142,353		\$ 129,454,889
24									

Piedmont Natural Gas Company, Inc.  
 Docket No. G-9, Sub 781  
 Stipulated Revenue by Rate Element  
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Line No.	(rates and volumes per dekatherm)	Volumes (1)	Number of Bills (2)	Margin Rates (3)	Margin Revenues (4)	COG Demand Rates (5)	COG Demand Revenues (6)	COG Commodity Rates (7)	COG Commodity Revenues (8)
25	<b>102- Small General Service</b>								
26	Bills		865,235	22.00	19,035,177				
27	DTs - Winter	17,200,095		6.5703	113,009,782	1.2741	21,914,641	3.2970	56,708,712
28	DTs - Summer	7,759,515		6.5703	50,962,340	0.8226	6,382,977	3.2970	25,583,120
29	Integrity Management Rider Revenues				-				
30	Minimum Margin Agreement Revenues				-				
31									
32									
33									
34	<b>Experimental Motor Vehicle Fuel</b>								
35	<b>143 / 102- Small General Service</b>								
36	Bills		108	22.00	2,376				
37	Winter Dts	6,927		6.5703	45,510	1.2741	8,825	3.2970	22,837
38	Summer Dts	4,947		6.5703	32,504	0.8226	4,069	3.2970	16,311
39									
40									
41	<b>152- Medium General Service</b>								
42	Bills		6,225	75.00	466,888				
43	Winter - First 500 DTs	1,260,433		5.5475	6,992,252	1.1101	1,399,207	3.2970	4,155,648
44	Winter - Over 500 DTs	1,621,520		5.5475	8,995,381	0.7329	1,188,412	3.2970	5,346,150
45	Total Winter DTs	2,881,953			15,987,633		2,587,619		9,501,798
46									
47									
48	Summer - First 500 DTs	1,266,956		5.5475	7,028,436	1.0445	1,323,335	3.2970	4,177,152
49	Summer - Over 500 DTs	887,172		5.5475	4,921,588	0.6963	617,738	3.2970	2,925,007
50	Total Summer DTs	2,154,128			11,950,024		1,941,073		7,102,159
51									
52	Integrity Management Rider Revenues				-				
53	Minimum Margin Agreement Revenues				65,978				
54									
55									
56	<b>Experimental Motor Vehicle Fuel</b>								
57	<b>143 / 152- Medium General Service</b>								
58	Bills		-	75.00	-				
59	Winter - First 500 DTs	-		5.5475	-	1.1101	-	3.2970	-
60	Winter - Over 500 DTs	-		5.5475	-	0.7329	-	3.2970	-
61	Total Winter DTs	-			-		-		-
62									
63									
64	Summer - First 500 DTs	-		5.5475	-	1.0445	-	3.2970	-
65	Summer - Over 500 DTs	-		5.5475	-	0.6963	-	3.2970	-
66	Total Summer DTs	-			-		-		-
67									
68									
69	<b>Experimental Motor Vehicle Fuel</b>								
70	<b>144- Medium General Transportation Service</b>								
71	Bills		-	75.00	-				
72	Winter - First 500 DTs	-		5.5475	-	1.1101	-	0.0470	-
73	Winter - Over 500 DTs	-		5.5475	-	0.7329	-	0.0470	-
74	Total Winter DTs	-			-		-		-
75									
76									
77	Summer - First 500 DTs	-		5.5475	-	1.0445	-	0.0470	-
78	Summer - Over 500 DTs	-		5.5475	-	0.6963	-	0.0470	-
79	Total Summer DTs	-			-		-		-
80									
81									
82	<b>142 - Natural Gas Vehicle Fuel - Company Stations</b>								
83	DTs - Winter	33,028		6.3678	210,317	1.3449	44,420	3.2970	108,894
84	DTs - Summer	45,052		6.3678	286,883	1.3449	60,591	3.2970	148,537
85	Compression Charge Revenues			4.0000	312,322				
86	Integrity Management Rider Revenues				-				
87									
88									
89	<b>SMALL &amp; MEDIUM GENERAL / NGV FUEL SERVICE</b>		871,568						
90	Bills	-							
91	Winter Dts	20,122,002							
92	Summer Dts	9,963,642							
93	Total Dts	30,085,644							
94	Revenues				\$ 212,387,733		\$ 32,944,214		\$ 99,192,368

Piedmont Natural Gas Company, Inc.  
 Docket No. G-9, Sub 781  
 Stipulated Revenue by Rate Element  
 Updated to Include Robeson LNG and Pender-Onslow Actuals

Line No.	(rates and volumes per dekatherm)	Volumes (1)	Number of Bills (2)	Margin Rates (3)	Margin Revenues (4)	COG Demand Rates (5)	COG Demand Revenues (6)	COG Commodity Rates (7)	COG Commodity Revenues (8)
96	<b>103 - Large General Sales Service</b>								
97	Bills		940	350.00	329,000				
98	Demand	175,455		2.4200	424,600	12.7500	2,237,045	-	-
99	Winter - First 1,500 DTs	540,463		1.0351	559,433	0.8968	484,687	3.2970	1,781,906
100	Winter - Next 3,000 DTs	472,780		0.4369	206,558	0.8918	421,625	3.2970	1,558,756
101	Winter - Next 9,000 DTs	166,002		0.3832	63,612	0.5468	90,770	3.2970	547,307
102	Winter - Next 16,500 DTs	7,041		0.3189	2,245	0.4438	3,125	3.2970	23,215
103	Winter - Next 30,000 DTs	-		0.2798	-	0.4368	-	3.2970	-
104	Winter - Over 60,000 DTs	-		0.2131	-	0.0968	-	3.2970	-
105	<u>Total Winter DTs</u>	<u>1,186,286</u>			<u>831,848</u>		<u>1,000,207</u>		<u>3,911,183</u>
106	Summer - First 1,500 DTs	657,365		0.3770	247,827	0.8356	549,294	3.2970	2,167,333
107	Summer - Next 3,000 DTs	420,922		0.2742	115,417	0.5856	246,492	3.2970	1,387,781
108	Summer - Next 9,000 DTs	121,663		0.2398	29,175	0.3606	43,872	3.2970	401,122
109	Summer - Next 16,500 DTs	3,058		0.2056	629	0.2656	812	3.2970	10,083
110	Summer - Next 30,000 DTs	-		0.1720	-	0.1356	-	3.2970	-
111	Summer - Over 60,000 DTs	-		0.1369	-	0.0006	-	3.2970	-
112	<u>Total Summer DTs</u>	<u>1,203,009</u>			<u>393,047</u>		<u>840,470</u>		<u>3,966,319</u>
113	Integrity Management Rider Revenues				-				
114	Minimum Margin Agreement Revenues				35,732				
115									
116	<b>Experimental Motor Vehicle Fuel</b>								
117	<b>143 / 103 - Large General Sales Service</b>								
118	Bills		36	350.00	12,600				
119	Demand	8,419		2.4200	20,373	12.7500	107,336	-	-
120	Winter - First 1,500 DTs	22,500		1.0351	23,290	0.8968	20,178	3.2970	74,183
121	Winter - Next 3,000 DTs	29,515		0.4369	12,895	0.8918	26,321	3.2970	97,310
122	Winter - Next 9,000 DTs	24,500		0.3832	9,388	0.5468	13,397	3.2970	80,777
123	Winter - Next 16,500 DTs	-		0.3189	-	0.4438	-	3.2970	-
124	Winter - Next 30,000 DTs	-		0.2798	-	0.4368	-	3.2970	-
125	Winter - Over 60,000 DTs	-		0.2131	-	0.0968	-	3.2970	-
126	<u>Total Winter DTs</u>	<u>76,515</u>			<u>45,573</u>		<u>59,896</u>		<u>252,270</u>
127	Summer - First 1,500 DTs	31,500		0.3770	11,876	0.8356	26,321	3.2970	103,856
128	Summer - Next 3,000 DTs	45,994		0.2742	12,611	0.5856	26,934	3.2970	151,641
129	Summer - Next 9,000 DTs	40,008		0.2398	9,594	0.3606	14,427	3.2970	131,906
130	Summer - Next 16,500 DTs	-		0.2056	-	0.2656	-	3.2970	-
131	Summer - Next 30,000 DTs	-		0.1720	-	0.1356	-	3.2970	-
132	Summer - Over 60,000 DTs	-		0.1369	-	0.0006	-	3.2970	-
133	<u>Total Summer DTs</u>	<u>117,502</u>			<u>34,081</u>		<u>67,682</u>		<u>387,403</u>
134	Integrity Management Rider Revenues				-				
135	Minimum Margin Agreement Revenues				-				
136	Compression Charge Revenues				143,569				
137									
138	<b>104 - Interruptible Sales Service</b>								
139	Bills		208	350.00	72,800				
140	Winter - First 1,500 DTs	126,290		1.0607	133,955	1.1018	139,146	3.2970	416,377
141	Winter - Next 3,000 DTs	167,195		0.4444	74,301	1.4218	237,717	3.2970	551,241
142	Winter - Next 9,000 DTs	86,368		0.3900	33,684	1.0768	93,001	3.2970	284,756
143	Winter - Next 16,500 DTs	-		0.3269	-	0.8338	-	3.2970	-
144	Winter - Next 30,000 DTs	-		0.2866	-	0.6418	-	3.2970	-
145	Winter - Over 60,000 DTs	-		0.2176	-	0.5384	-	3.2970	-
146	<u>Total Winter DTs</u>	<u>379,853</u>			<u>241,940</u>		<u>469,865</u>		<u>1,252,374</u>
147	Summer - First 1,500 DTs	146,785		0.5886	86,398	0.9749	143,101	3.2970	483,951
148	Summer - Next 3,000 DTs	117,722		0.4294	50,550	0.8549	100,640	3.2970	388,128
149	Summer - Next 9,000 DTs	34,380		0.3769	12,958	0.8049	27,673	3.2970	113,352
150	Summer - Next 16,500 DTs	3,243		0.3210	1,041	0.6799	2,205	3.2970	10,692
151	Summer - Next 30,000 DTs	-		0.2682	-	0.6549	-	3.2970	-
152	Summer - Over 60,000 DTs	-		0.2139	-	0.5749	-	3.2970	-
153	<u>Total Summer DTs</u>	<u>302,130</u>			<u>150,946</u>		<u>273,619</u>		<u>996,123</u>
154	Integrity Management Rider Revenues				-				
155	Minimum Margin Agreement Revenues				-				
156									
157									
158									
159									
160									
161									
162									
163									
164									
165									

Piedmont Natural Gas Company, Inc.  
 Docket No. G-9, Sub 781  
 Stipulated Revenue by Rate Element  
 Updated to Include Robeson LNG and Pender-Onslow Actuals

Line No.	(rates and volumes per dekatherm)	Volumes (1)	Number of Bills (2)	Margin Rates (3)	Margin Revenues (4)	COG Demand Rates (5)	COG Demand Revenues (6)	COG Commodity Rates (7)	COG Commodity Revenues (8)
166									
167	<b>Experimental Motor Vehicle Fuel</b>								
168	<b>143 / 104 - Interruptible Sales Service</b>								
169	Bills			350.00	-				
170	Winter - First 1,500 DTs	-		1.0607	-	1.1018	-	3.2970	-
171	Winter - Next 3,000 DTs	-		0.4444	-	1.4218	-	3.2970	-
172	Winter - Next 9,000 DTs	-		0.3900	-	1.0768	-	3.2970	-
173	Winter - Next 16,500 DTs	-		0.3269	-	0.8338	-	3.2970	-
174	Winter - Next 30,000 DTs	-		0.2866	-	0.6418	-	3.2970	-
175	<u>Winter - Over 60,000 DTs</u>	-		0.2176	-	0.5384	-	3.2970	-
176	Total Winter DTs	-			-		-		-
177									
178	Summer - First 1,500 DTs	-		0.5886	-	0.9749	-	3.2970	-
179	Summer - Next 3,000 DTs	-		0.4294	-	0.8549	-	3.2970	-
180	Summer - Next 9,000 DTs	-		0.3769	-	0.8049	-	3.2970	-
181	Summer - Next 16,500 DTs	-		0.3210	-	0.6799	-	3.2970	-
182	Summer - Next 30,000 DTs	-		0.2682	-	0.6549	-	3.2970	-
183	<u>Summer - Over 60,000 DTs</u>	-		0.2139	-	0.5749	-	3.2970	-
184	Total Summer DTs	-			-		-		-
185									
186									
187	<b>113 - Large General Transportation Service</b>								
188	Bills		3,516	350.00	1,230,600		-		
189	Demand	1,686,422		2.4200	4,081,141	0.7500	1,264,817	-	-
190	Winter - First 1,500 DTs	2,006,761		1.0351	2,077,198	0.8968	1,799,663	0.0470	94,318
191	Winter - Next 3,000 DTs	2,722,361		0.4369	1,189,399	0.8918	2,427,801	0.0470	127,951
192	Winter - Next 9,000 DTs	3,029,365		0.3832	1,160,853	0.5468	1,656,457	0.0470	142,380
193	Winter - Next 16,500 DTs	1,990,377		0.3189	634,731	0.4438	883,329	0.0470	93,548
194	Winter - Next 30,000 DTs	1,724,440		0.2798	482,498	0.4368	753,236	0.0470	81,049
195	<u>Winter - Over 60,000 DTs</u>	3,001,054		0.2131	639,525	0.0968	290,502	0.0470	141,050
196	Total Winter DTs	14,474,358			6,184,204		7,810,988		680,295
197									
198	Summer - First 1,500 DTs	2,644,564		0.3770	997,001	0.8356	2,209,798	0.0470	124,295
199	Summer - Next 3,000 DTs	3,206,097		0.2742	879,112	0.5856	1,877,490	0.0470	150,687
200	Summer - Next 9,000 DTs	3,460,313		0.2398	829,783	0.3606	1,247,789	0.0470	162,635
201	Summer - Next 16,500 DTs	2,415,870		0.2056	496,703	0.2656	641,655	0.0470	113,546
202	Summer - Next 30,000 DTs	2,141,810		0.1720	368,391	0.1356	290,429	0.0470	100,665
203	<u>Summer - Over 60,000 DTs</u>	3,512,795		0.1369	480,902	0.0006	2,108	0.0470	165,101
204	Total Summer DTs	17,381,449			4,051,891		6,269,269		816,928
205									
206	Integrity Management Rider Revenues				-				
207	Minimum Margin Agreement Revenues				37,655				
208									
209									
210	<b>Experimental Motor Vehicle Fuel</b>								
211	<b>143 / 113 - Large General Transportation Service</b>								
212	Bills		108	350.00	37,800				
213	Demand	45,423		2.4200	109,925	0.7500	34,068	-	-
214	Winter - First 1,500 DTs	67,394		1.0351	69,759	0.8968	60,439	0.0470	3,168
215	Winter - Next 3,000 DTs	94,486		0.4369	41,281	0.8918	84,262	0.0470	4,441
216	Winter - Next 9,000 DTs	58,028		0.3832	22,236	0.5468	31,729	0.0470	2,727
217	Winter - Next 16,500 DTs	82,500		0.3189	26,309	0.4438	36,614	0.0470	3,878
218	Winter - Next 30,000 DTs	47,512		0.2798	13,294	0.4368	20,753	0.0470	2,233
219	<u>Winter - Over 60,000 DTs</u>	-		0.2131	-	0.0968	-	0.0470	-
220	Total Winter DTs	349,919			172,879		233,797		16,446
221									
222	Summer - First 1,500 DTs	94,500		0.3770	35,627	0.8356	78,964	0.0470	4,442
223	Summer - Next 3,000 DTs	143,006		0.2742	39,212	0.5856	83,744	0.0470	6,721
224	Summer - Next 9,000 DTs	87,207		0.2398	20,912	0.3606	31,447	0.0470	4,099
225	Summer - Next 16,500 DTs	115,500		0.2056	23,747	0.2656	30,677	0.0470	5,429
226	Summer - Next 30,000 DTs	79,645		0.1720	13,699	0.1356	10,800	0.0470	3,743
227	<u>Summer - Over 60,000 DTs</u>	-		0.1369	-	0.0006	-	0.0470	-
228	Total Summer DTs	519,859			133,197		235,632		24,433
229									
230	Integrity Management Rider Revenues				-				
231	Minimum Margin Agreement Revenues				10,988				
232	Compression Charge Revenues				1,096,104				
233									

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Line No.	(rates and volumes per dekatherm)	Volumes (1)	Number of Bills (2)	Margin Rates (3)	Margin Revenues (4)	COG Demand Rates (5)	COG Demand Revenues (6)	COG Commodity Rates (7)	COG Commodity Revenues (8)
234	Rate Schedule								
235	<b>114 - Interruptible Transportation Service</b>								
236	Bills		2,891	350.00	1,011,850				
237	Winter - First 1,500 DTs	1,583,831		1.0607	1,679,970	0.9292	1,471,696	0.0470	74,440
238	Winter - Next 3,000 DTs	2,392,971		0.4444	1,063,436	0.8784	2,101,986	0.0470	112,470
239	Winter - Next 9,000 DTs	3,198,909		0.3900	1,247,575	0.5737	1,835,214	0.0470	150,349
240	Winter - Next 16,500 DTs	2,248,444		0.3269	735,016	0.2690	604,831	0.0470	105,677
241	Winter - Next 30,000 DTs	2,132,135		0.2866	611,070	0.1675	357,133	0.0470	100,210
242	<u>Winter - Over 60,000 DTs</u>	<u>1,362,136</u>		<u>0.2176</u>	<u>296,401</u>	<u>0.0659</u>	<u>89,765</u>	<u>0.0470</u>	<u>64,020</u>
243	Total Winter DTs	12,918,426			5,633,467		6,460,624		607,166
244									
245	Summer - First 1,500 DTs	2,242,062		0.5886	1,319,678	0.4367	979,109	0.0470	105,377
246	Summer - Next 3,000 DTs	3,162,517		0.4294	1,357,985	0.3047	963,619	0.0470	148,638
247	Summer - Next 9,000 DTs	3,786,414		0.3769	1,427,099	0.2031	769,021	0.0470	177,961
248	Summer - Next 16,500 DTs	2,689,562		0.3210	863,349	0.1016	273,260	0.0470	126,409
249	Summer - Next 30,000 DTs	2,474,718		0.2682	663,719	0.0508	125,716	0.0470	116,312
250	<u>Summer - Over 60,000 DTs</u>	<u>1,510,970</u>		<u>0.2139</u>	<u>323,197</u>	<u>-</u>	<u>-</u>	<u>0.0470</u>	<u>71,016</u>
251	Total Summer DTs	15,866,243			5,955,027		3,110,723		745,713
252									
253	Integrity Management Rider Revenues				-				
254	Minimum Margin Agreement Revenues				822,409		-		-
255									
256									
257	<b>Experimental Motor Vehicle Fuel</b>								
258	<b>143 / 114 - Interruptible Transportation Service</b>								
259	Bills		-	350.00	-				
260	Winter - First 1,500 DTs	-		1.0607	-	0.9292	-	0.0470	-
261	Winter - Next 3,000 DTs	-		0.4444	-	0.8784	-	0.0470	-
262	Winter - Next 9,000 DTs	-		0.3900	-	0.5737	-	0.0470	-
263	Winter - Next 16,500 DTs	-		0.3269	-	0.2690	-	0.0470	-
264	Winter - Next 30,000 DTs	-		0.2866	-	0.1675	-	0.0470	-
265	<u>Winter - Over 60,000 DTs</u>	<u>-</u>		<u>0.2176</u>	<u>-</u>	<u>0.0659</u>	<u>-</u>	<u>0.0470</u>	<u>-</u>
266	Total Winter DTs	-			-		-		-
267									
268	Summer - First 1,500 DTs	-		0.5886	-	0.4367	-	0.0470	-
269	Summer - Next 3,000 DTs	-		0.4294	-	0.3047	-	0.0470	-
270	Summer - Next 9,000 DTs	-		0.3769	-	0.2031	-	0.0470	-
271	Summer - Next 16,500 DTs	-		0.3210	-	0.1016	-	0.0470	-
272	Summer - Next 30,000 DTs	-		0.2682	-	0.0508	-	0.0470	-
273	<u>Summer - Over 60,000 DTs</u>	<u>-</u>		<u>0.2139</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>0.0470</u>	<u>-</u>
274	Total Summer DTs	-			-		-		-
275									
276									
277	<b>LARGE GENERALSERVICE</b>								
278	Bills		7,699						
279	Demand Dts	1,915,718							
280	Winter Dts	29,385,356							
281	Summer Dts	35,390,191							
282	Total Dts	64,775,547							
283									
284	Revenues				\$ 33,305,247		\$ 30,476,038		\$ 13,656,654
285									

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Line No.	(rates and volumes per dekatherm) Rate Schedule	Volumes (1)	Number of Bills (2)	Margin Rates (3)	Margin Revenues (4)	COG Demand Rates (5)	COG Demand Revenues (6)	COG Commodity Rates (7)	COG Commodity Revenues (8)
287	<b>105 - Outdoor Gas Light Service</b>								
288	Bills		675						
289	Fixtures		5,397	20.27	109,390				
290	DTs - Winter	3,593							
291	DTs - Summer	5,042							
292									
293									
294	<b>T-10 (675) - Military Operations Transportation</b>								
295	Bills		12						
296	Demand	84,000		-	-	10.0000	840,000		
297	DTs - Winter	745,667		1.4931	1,113,355	0.2516	187,610	0.0470	35,046
298	DTs - Summer	514,826		0.3100	159,596	0.2516	129,530	0.0470	24,197
299	Integrity Management Rider Revenues								
300									
301									
302	<b>Power Generation Contracts</b>								
303	Bills		194						
304	DTs - Winter	117,470,161			41,677,015		2,291,140		332,257
305	DTs - Summer	156,858,541			58,327,840		3,216,703		454,320
306									
307									
308	<b>Municipals Contracts</b>								
309	Bills		37						
310	DTs - Winter	4,204,171			3,043,561		1,170,000		-
311	DTs - Summer	2,847,562			3,846,045		1,638,000		-
312									
313									
314	<b>Special Contracts Military</b>								
315	Bills		36						
316	DTs - Winter	609,756			2,821,737		245,173		641,590
317	DTs - Summer	424,056			3,428,259		154,259		405,578
318									
319									
320	<b>Special Contracts</b>								
321	Bills		109						
322	DTs - Winter	2,111,542			1,386,988		-		23,581
323	DTs - Summer	2,576,984			1,690,890		-		29,883
324									
325									
326	<b>SPECIAL TARIFFS &amp; CONTRACTS</b>								
327	Bills		1,063						
328	Demand Dts	84,000							
329	Winter Dts	125,144,889							
330	Summer Dts	163,227,010							
331	Total Dts	288,371,899							
332									
333	Revenues				\$ 117,604,676		\$ 9,872,414		\$ 1,946,453
334									
335									
336	<b>GRAND TOTAL - ALL TARIFFS &amp; CONTRACTS</b>								
337	Bills		9,311,988						
338	Demand Dts	1,999,718							
339	Winter Dts	205,234,817							
340	Summer Dts	217,262,722							
341	Total Dts	422,497,539							
342									
343	Revenues				\$ 816,256,363		\$ 126,435,019		\$ 244,250,364
344									
345									
346	<b>SALES AND TRANSPORTATION</b>								
347	Total Sales	72,624,021			\$ 668,191,939		\$ 91,142,687		\$ 239,412,929
348	Total Transportation	62,770,746			31,842,089		26,577,058		2,950,225
349	Total Special Contracts including Power Generation	287,102,772			116,222,335		8,715,275		1,887,210
350	Total Annual	422,497,539			\$ 816,256,363		\$ 126,435,019		\$ 244,250,364

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Line No.	(rates and volumes per dekatherm) Rate Schedule	Volumes (1)	Number of Bills (2)	Tax Rider 3 Year Amort Rates (3)	Tax Rider 3 Year Amort Revenues (4)	Tax Rider 5 Year Amort Rates (5)	Tax Rider 5 Year Amort Revenues (6)
1	<b>101 - Residential Service</b>						
2	Bills - Winter		3,515,352				
3	Bills - Summer		4,916,305				
4	DTs - Winter	30,582,570		(0.3659)	(11,190,162)	(0.4213)	(12,884,437)
5	DTs - Summer	8,681,879		(0.3659)	(3,176,700)	(0.4213)	(3,657,676)
6	Integrity Management Rider Revenues						
7							
8							
9	<b>Experimental Motor Vehicle Fuel</b>						
10	<b>143 / 101 - Residential Service</b>						
11	Bills - Winter		-				
12	Bills - Summer		-				
13	DTs - Winter	-		(0.3659)	-	(0.4213)	-
14	DTs - Summer	-		(0.3659)	-	(0.4213)	-
15							
16							
17	<b>RESIDENTIAL SERVICE</b>						
18	Bills		8,431,657				
19	Winter Dts	30,582,570					
20	Summer Dts	8,681,879					
21	Total Dts	39,264,449					
22							
23	Revenues				\$ (14,366,862)		\$ (16,542,112)
24							



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Line No.	(rates and volumes per dekatherm) Rate Schedule	Volumes (1)	Number of Bills (2)	Tax Rider 3 Year Amort Rates (3)	Tax Rider 3 Year Amort Revenues (4)	Tax Rider 5 Year Amort Rates (5)	Tax Rider 5 Year Amort Revenues (6)
25							
26	<b>102- Small General Service</b>						
27	Bills		865,235				
28	DTs - Winter	17,200,095		(0.2239)	(3,851,101)	(0.2578)	(4,434,184)
29	DTs - Summer	7,759,515		(0.2239)	(1,737,355)	(0.2578)	(2,000,403)
30	Integrity Management Rider Revenues						
31	Minimum Margin Agreement Revenues						
32							
33							
34	<b>Experimental Motor Vehicle Fuel</b>						
35	<b>143 / 102- Small General Service</b>						
36	Bills		108				
37	Winter Dts	6,927		(0.2239)	(1,551)	(0.2578)	(1,786)
38	Summer Dts	4,947		(0.2239)	(1,108)	(0.2578)	(1,275)
39							
40							
41	<b>152- Medium General Service</b>						
42	Bills		6,225				
43	Winter - First 500 DTs	1,260,433		(0.2239)	(282,211)	(0.2578)	(324,940)
44	Winter - Over 500 DTs	1,621,520		(0.2239)	(363,058)	(0.2578)	(418,028)
45	Total Winter DTs	2,881,953			(645,269)		(742,967)
46							
47							
48	Summer - First 500 DTs	1,266,956		(0.2239)	(283,671)	(0.2578)	(326,621)
49	Summer - Over 500 DTs	887,172		(0.2239)	(198,638)	(0.2578)	(228,713)
50	Total Summer DTs	2,154,128			(482,309)		(555,334)
51							
52	Integrity Management Rider Revenues						
53	Minimum Margin Agreement Revenues						
54							
55							
56	<b>Experimental Motor Vehicle Fuel</b>						
57	<b>143 / 152- Medium General Service</b>						
58	Bills		-				
59	Winter - First 500 DTs	-		(0.2239)	-	(0.2578)	-
60	Winter - Over 500 DTs	-		(0.2239)	-	(0.2578)	-
61	Total Winter DTs	-			-		-
62							
63							
64	Summer - First 500 DTs	-		(0.2239)	-	(0.2578)	-
65	Summer - Over 500 DTs	-		(0.2239)	-	(0.2578)	-
66	Total Summer DTs	-			-		-
67							
68							
69	<b>Experimental Motor Vehicle Fuel</b>						
70	<b>144- Medium General Transportation Service</b>						
71	Bills		-				
72	Winter - First 500 DTs	-		(0.2239)	-	(0.2578)	-
73	Winter - Over 500 DTs	-		(0.2239)	-	(0.2578)	-
74	Total Winter DTs	-			-		-
75							
76							
77	Summer - First 500 DTs	-		(0.2239)	-	(0.2578)	-
78	Summer - Over 500 DTs	-		(0.2239)	-	(0.2578)	-
79	Total Summer DTs	-			-		-
80							
81							
82	<b>142 - Natural Gas Vehicle Fuel - Company Stations</b>						
83	DTs - Winter	33,028		(0.2239)	(7,395)	(0.2578)	(8,515)
84	DTs - Summer	45,052		(0.2239)	(10,087)	(0.2578)	(11,614)
85	Compression Charge Revenues						
86	Integrity Management Rider Revenues						
87							
88	<b>SMALL &amp; MEDIUM GENERAL / NGV FUEL SERVICE</b>						
89	Bills	-	871,568				
90	Winter Dts	20,122,002					
91	Summer Dts	9,963,642					
92	Total Dts	30,085,644					
93							
94	Revenues				\$ (6,736,176)		\$ (7,756,079)
95							

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96	Rate Schedule						
97	<b>103 - Large General Sales Service</b>						
98	Bills		940				
99	Demand	175,455					
100	Winter - First 1,500 DTs	540,463		(0.0179)	(9,674)	(0.0207)	(11,188)
101	Winter - Next 3,000 DTs	472,780		(0.0179)	(8,463)	(0.0207)	(9,787)
102	Winter - Next 9,000 DTs	166,002		(0.0179)	(2,971)	(0.0207)	(3,436)
103	Winter - Next 16,500 DTs	7,041		(0.0179)	(126)	(0.0207)	(146)
104	Winter - Next 30,000 DTs	-		(0.0179)	-	(0.0207)	-
105	Winter - Over 60,000 DTs	-		(0.0179)	-	(0.0207)	-
106	Total Winter DTs	1,186,286			(21,235)		(24,556)
107							
108	Summer - First 1,500 DTs	657,365		(0.0179)	(11,767)	(0.0207)	(13,607)
109	Summer - Next 3,000 DTs	420,922		(0.0179)	(7,535)	(0.0207)	(8,713)
110	Summer - Next 9,000 DTs	121,663		(0.0179)	(2,178)	(0.0207)	(2,518)
111	Summer - Next 16,500 DTs	3,058		(0.0179)	(55)	(0.0207)	(63)
112	Summer - Next 30,000 DTs	-		(0.0179)	-	(0.0207)	-
113	Summer - Over 60,000 DTs	-		(0.0179)	-	(0.0207)	-
114	Total Summer DTs	1,203,009			(21,534)		(24,902)
115							
116	Integrity Management Rider Revenues						
117	Minimum Margin Agreement Revenues						
118							
119							
120	<b>Experimental Motor Vehicle Fuel</b>						
121	<b>143 / 103 - Large General Sales Service</b>						
122	Bills		36				
123	Demand	8,419					
124	Winter - First 1,500 DTs	22,500		(0.0179)	(403)	(0.0207)	(466)
125	Winter - Next 3,000 DTs	29,515		(0.0179)	(528)	(0.0207)	(611)
126	Winter - Next 9,000 DTs	24,500		(0.0179)	(439)	(0.0207)	(507)
127	Winter - Next 16,500 DTs	-		(0.0179)	-	(0.0207)	-
128	Winter - Next 30,000 DTs	-		(0.0179)	-	(0.0207)	-
129	Winter - Over 60,000 DTs	-		(0.0179)	-	(0.0207)	-
130	Total Winter DTs	76,515			(1,370)		(1,584)
131							
132	Summer - First 1,500 DTs	31,500		(0.0179)	(564)	(0.0207)	(652)
133	Summer - Next 3,000 DTs	45,994		(0.0179)	(823)	(0.0207)	(952)
134	Summer - Next 9,000 DTs	40,008		(0.0179)	(716)	(0.0207)	(828)
135	Summer - Next 16,500 DTs	-		(0.0179)	-	(0.0207)	-
136	Summer - Next 30,000 DTs	-		(0.0179)	-	(0.0207)	-
137	Summer - Over 60,000 DTs	-		(0.0179)	-	(0.0207)	-
138	Total Summer DTs	117,502			(2,103)		(2,432)
139							
140	Integrity Management Rider Revenues						
141	Minimum Margin Agreement Revenues						
142	Compression Charge Revenues						
143							
144							
145	<b>104 - Interruptible Sales Service</b>						
146	Bills		208				
147	Winter - First 1,500 DTs	126,290		(0.0150)	(1,894)	(0.0172)	(2,172)
148	Winter - Next 3,000 DTs	167,195		(0.0150)	(2,508)	(0.0172)	(2,876)
149	Winter - Next 9,000 DTs	86,368		(0.0150)	(1,296)	(0.0172)	(1,486)
150	Winter - Next 16,500 DTs	-		(0.0150)	-	(0.0172)	-
151	Winter - Next 30,000 DTs	-		(0.0150)	-	(0.0172)	-
152	Winter - Over 60,000 DTs	-		(0.0150)	-	(0.0172)	-
153	Total Winter DTs	379,853			(5,698)		(6,533)
154							
155	Summer - First 1,500 DTs	146,785		(0.0150)	(2,202)	(0.0172)	(2,525)
156	Summer - Next 3,000 DTs	117,722		(0.0150)	(1,766)	(0.0172)	(2,025)
157	Summer - Next 9,000 DTs	34,380		(0.0150)	(516)	(0.0172)	(591)
158	Summer - Next 16,500 DTs	3,243		(0.0150)	(49)	(0.0172)	(56)
159	Summer - Next 30,000 DTs	-		(0.0150)	-	(0.0172)	-
160	Summer - Over 60,000 DTs	-		(0.0150)	-	(0.0172)	-
161	Total Summer DTs	302,130			(4,532)		(5,197)
162							
163	Integrity Management Rider Revenues						
164	Minimum Margin Agreement Revenues						
165							

Piedmont Natural Gas Company, Inc.  
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 Stipulated Tax Rider Elements  
 Updated to Include Robeson LNG and Pender-Onslow Actuals

Line No.	(rates and volumes per dekatherm)	Volumes (1)	Number of Bills (2)	Tax Rider 3 Year Amort Rates (3)	Tax Rider 3 Year Amort Revenues (4)	Tax Rider 5 Year Amort Rates (5)	Tax Rider 5 Year Amort Revenues (6)
166							
167	<b>Experimental Motor Vehicle Fuel</b>						
168	<b>143 / 104 - Interruptible Sales Service</b>						
169	Bills						
170	Winter - First 1,500 DTs	-		(0.0150)	-	(0.0172)	-
171	Winter - Next 3,000 DTs	-		(0.0150)	-	(0.0172)	-
172	Winter - Next 9,000 DTs	-		(0.0150)	-	(0.0172)	-
173	Winter - Next 16,500 DTs	-		(0.0150)	-	(0.0172)	-
174	Winter - Next 30,000 DTs	-		(0.0150)	-	(0.0172)	-
175	<u>Winter - Over 60,000 DTs</u>	-		(0.0150)	-	(0.0172)	-
176	Total Winter DTs	-			-		-
177							
178	Summer - First 1,500 DTs	-		(0.0150)	-	(0.0172)	-
179	Summer - Next 3,000 DTs	-		(0.0150)	-	(0.0172)	-
180	Summer - Next 9,000 DTs	-		(0.0150)	-	(0.0172)	-
181	Summer - Next 16,500 DTs	-		(0.0150)	-	(0.0172)	-
182	Summer - Next 30,000 DTs	-		(0.0150)	-	(0.0172)	-
183	<u>Summer - Over 60,000 DTs</u>	-		(0.0150)	-	(0.0172)	-
184	Total Summer DTs	-			-		-
185							
186							
187	<b>113 - Large General Transportation Service</b>						
188	Bills		3,516				
189	Demand	1,686,422					
190	Winter - First 1,500 DTs	2,006,761		(0.0179)	(35,921)	(0.0207)	(41,540)
191	Winter - Next 3,000 DTs	2,722,361		(0.0179)	(48,730)	(0.0207)	(56,353)
192	Winter - Next 9,000 DTs	3,029,365		(0.0179)	(54,226)	(0.0207)	(62,708)
193	Winter - Next 16,500 DTs	1,990,377		(0.0179)	(35,628)	(0.0207)	(41,201)
194	Winter - Next 30,000 DTs	1,724,440		(0.0179)	(30,867)	(0.0207)	(35,696)
195	<u>Winter - Over 60,000 DTs</u>	3,001,054		(0.0179)	(53,719)	(0.0207)	(62,122)
196	Total Winter DTs	14,474,358			(259,091)		(299,619)
197							
198	Summer - First 1,500 DTs	2,644,564		(0.0179)	(47,338)	(0.0207)	(54,742)
199	Summer - Next 3,000 DTs	3,206,097		(0.0179)	(57,389)	(0.0207)	(66,366)
200	Summer - Next 9,000 DTs	3,460,313		(0.0179)	(61,940)	(0.0207)	(71,628)
201	Summer - Next 16,500 DTs	2,415,870		(0.0179)	(43,244)	(0.0207)	(50,009)
202	Summer - Next 30,000 DTs	2,141,810		(0.0179)	(38,338)	(0.0207)	(44,335)
203	<u>Summer - Over 60,000 DTs</u>	3,512,795		(0.0179)	(62,879)	(0.0207)	(72,715)
204	Total Summer DTs	17,381,449			(311,128)		(359,796)
205							
206	Integrity Management Rider Revenues						
207	Minimum Margin Agreement Revenues						
208							
209							
210	<b>Experimental Motor Vehicle Fuel</b>						
211	<b>143 / 113 - Large General Transportation Service</b>						
212	Bills		108				
213	Demand	45,423					
214	Winter - First 1,500 DTs	67,394		(0.0179)	(1,206)	(0.0207)	(1,395)
215	Winter - Next 3,000 DTs	94,486		(0.0179)	(1,691)	(0.0207)	(1,956)
216	Winter - Next 9,000 DTs	58,028		(0.0179)	(1,039)	(0.0207)	(1,201)
217	Winter - Next 16,500 DTs	82,500		(0.0179)	(1,477)	(0.0207)	(1,708)
218	Winter - Next 30,000 DTs	47,512		(0.0179)	(850)	(0.0207)	(984)
219	<u>Winter - Over 60,000 DTs</u>	-		(0.0179)	-	(0.0207)	-
220	Total Winter DTs	349,919			(6,264)		(7,243)
221							
222	Summer - First 1,500 DTs	94,500		(0.0179)	(1,692)	(0.0207)	(1,956)
223	Summer - Next 3,000 DTs	143,006		(0.0179)	(2,560)	(0.0207)	(2,960)
224	Summer - Next 9,000 DTs	87,207		(0.0179)	(1,561)	(0.0207)	(1,805)
225	Summer - Next 16,500 DTs	115,500		(0.0179)	(2,067)	(0.0207)	(2,391)
226	Summer - Next 30,000 DTs	79,645		(0.0179)	(1,426)	(0.0207)	(1,649)
227	<u>Summer - Over 60,000 DTs</u>	-		(0.0179)	-	(0.0207)	-
228	Total Summer DTs	519,859			(9,305)		(10,761)
229							
230	Integrity Management Rider Revenues						
231	Minimum Margin Agreement Revenues						
232	Compression Charge Revenues						
233							

Piedmont Natural Gas Company, Inc.  
 Docket No. G-9, Sub 781  
 Stipulated Tax Rider Elements  
 Updated to Include Robeson LNG and Pender-Onslow Actuals

Line No.	(rates and volumes per dekatherm)	Volumes (1)	Number of Bills (2)	Tax Rider 3 Year Amort Rates (3)	Tax Rider 3 Year Amort Revenues (4)	Tax Rider 5 Year Amort Rates (5)	Tax Rider 5 Year Amort Revenues (6)
234							
235	<b>114 - Interruptible Transportation Service</b>						
236	Bills		2,891				
237	Winter - First 1,500 DTs	1,583,831		(0.0150)	(23,757)	(0.0172)	(27,242)
238	Winter - Next 3,000 DTs	2,392,971		(0.0150)	(35,895)	(0.0172)	(41,159)
239	Winter - Next 9,000 DTs	3,198,909		(0.0150)	(47,984)	(0.0172)	(55,021)
240	Winter - Next 16,500 DTs	2,248,444		(0.0150)	(33,727)	(0.0172)	(38,673)
241	Winter - Next 30,000 DTs	2,132,135		(0.0150)	(31,982)	(0.0172)	(36,673)
242	Winter - Over 60,000 DTs	1,362,136		(0.0150)	(20,432)	(0.0172)	(23,429)
243	Total Winter DTs	12,918,426			(193,776)		(222,197)
244							
245	Summer - First 1,500 DTs	2,242,062		(0.0150)	(33,631)	(0.0172)	(38,563)
246	Summer - Next 3,000 DTs	3,162,517		(0.0150)	(47,438)	(0.0172)	(54,395)
247	Summer - Next 9,000 DTs	3,786,414		(0.0150)	(56,796)	(0.0172)	(65,126)
248	Summer - Next 16,500 DTs	2,689,562		(0.0150)	(40,343)	(0.0172)	(46,260)
249	Summer - Next 30,000 DTs	2,474,718		(0.0150)	(37,121)	(0.0172)	(42,565)
250	Summer - Over 60,000 DTs	1,510,970		(0.0150)	(22,665)	(0.0172)	(25,989)
251	Total Summer DTs	15,866,243			(237,994)		(272,899)
252							
253	Integrity Management Rider Revenues						
254	Minimum Margin Agreement Revenues				-		-
255							
256							
257	<b>Experimental Motor Vehicle Fuel</b>						
258	<b>143 / 114 - Interruptible Transportation Service</b>						
259	Bills		-				
260	Winter - First 1,500 DTs	-		(0.0150)	-	(0.0172)	-
261	Winter - Next 3,000 DTs	-		(0.0150)	-	(0.0172)	-
262	Winter - Next 9,000 DTs	-		(0.0150)	-	(0.0172)	-
263	Winter - Next 16,500 DTs	-		(0.0150)	-	(0.0172)	-
264	Winter - Next 30,000 DTs	-		(0.0150)	-	(0.0172)	-
265	Winter - Over 60,000 DTs	-		(0.0150)	-	(0.0172)	-
266	Total Winter DTs	-			-		-
267							
268	Summer - First 1,500 DTs	-		(0.0150)	-	(0.0172)	-
269	Summer - Next 3,000 DTs	-		(0.0150)	-	(0.0172)	-
270	Summer - Next 9,000 DTs	-		(0.0150)	-	(0.0172)	-
271	Summer - Next 16,500 DTs	-		(0.0150)	-	(0.0172)	-
272	Summer - Next 30,000 DTs	-		(0.0150)	-	(0.0172)	-
273	Summer - Over 60,000 DTs	-		(0.0150)	-	(0.0172)	-
274	Total Summer DTs	-			-		-
275							
276							
277	<b>LARGE GENERALSERVICE</b>						
278	Bills		7,699				
279	Demand Dts	1,915,718					
280	Winter Dts	29,385,356					
281	Summer Dts	35,390,191					
282	Total Dts	64,775,547					
283							
284	Revenues				\$ (1,074,029)		\$ (1,237,721)
285							

Piedmont Natural Gas Company, Inc.  
 Docket No. G-9, Sub 781  
 Stipulated Tax Rider Elements  
 Updated to Include Robeson LNG and Pender-Onslow Actuals

Line No.	(rates and volumes per dekatherm) Rate Schedule	Volumes (1)	Number of Bills (2)	Tax Rider 3 Year Amort Rates (3)	Tax Rider 3 Year Amort Revenues (4)	Tax Rider 5 Year Amort Rates (5)	Tax Rider 5 Year Amort Revenues (6)
286							
287	<b>105 - Outdoor Gas Light Service</b>						
288	Bills		675				
289	Fixtures		5,397				
290	DTs - Winter	3,593					
291	DTs - Summer	5,042					
292							
293							
294	<b>T-10 (675) - Military Operations Transportation</b>						
295	Bills		12				
296	Demand	84,000					
297	DTs - Winter	745,667		(0.0179)	(13,347)	(0.0207)	(15,435)
298	DTs - Summer	514,826		(0.0179)	(9,215)	(0.0207)	(10,657)
299	Integrity Management Rider Revenues						
300							
301							
302	<b>Power Generation Contracts</b>						
303	Bills		194				
304	DTs - Winter	117,470,161		-	-	-	-
305	DTs - Summer	156,858,541		-	-	-	-
306							
307							
308	<b>Municipals Contracts</b>						
309	Bills		37				
310	DTs - Winter	4,204,171		-	-	-	-
311	DTs - Summer	2,847,562		-	-	-	-
312							
313							
314	<b>Special Contracts Military</b>						
315	Bills		36				
316	DTs - Winter	609,756		-	-	-	-
317	DTs - Summer	424,056		-	-	-	-
318							
319							
320	<b>Special Contracts</b>						
321	Bills		109				
322	DTs - Winter	2,111,542		-	-	-	-
323	DTs - Summer	2,576,984		-	-	-	-
324							
325							
326	<b>SPECIAL TARIFFS &amp; CONTRACTS</b>						
327	Bills		1,063				
328	Demand Dts	84,000					
329	Winter Dts	125,144,889					
330	Summer Dts	163,227,010					
331	Total Dts	288,371,899					
332							
333	Revenues				\$ (22,563)		\$ (26,092)
334							
335							
336	<b>GRAND TOTAL - ALL TARIFFS &amp; CONTRACTS</b>						
337	Bills		9,311,988				
338	Demand Dts	1,999,718					
339	Winter Dts	205,234,817					
340	Summer Dts	217,262,722					
341	Total Dts	422,497,539					
342							
343	Revenues <sup>1</sup>				\$ (22,199,630)		\$ (25,562,004)
344							
345							
346	<b>SALES AND TRANSPORTATION</b>						
347	Total Sales	72,624,021			\$ (21,159,509)		\$ (24,363,396)
348	Total Transportation	62,770,746			(1,040,121)		(1,198,608)
349	Total Special Contracts including Power Generation	287,102,772			-		-
350	Total Annual	422,497,539			\$ (22,199,630)		\$ (25,562,004)

1/ The targeted flow-back of annual revenues for the State EDIT Rider - 3 Year Amortization and Federal Unprotected EDIT Rider - 5 Year Amortization is \$22,201,275 and \$25,562,970, respectively. The calculations shown in this exhibit yield a rounding difference of \$1,645 and \$966, respectively.

**Piedmont Natural Gas Company, Inc.**  
**Docket No. G-9, Sub 781**  
**Computation of Tax Rider Rates**  
*Updated to Include Robeson LNG and Pender-Onslow Actuals*

Line No.	State EDIT Rider - 3 Year Amortization (Ending on 10/31/2022)	Notes	Small & Medium				Interruptible Large General (104, 114)	Total
			Residential (101)	General (102, 142, 152, 144)	Firm Large General (103, 113, T-10)	General		
1	Customer Class Apportionment	see table below	64.72%	30.34%	2.96%	1.98%	100.00%	
2	EDIT Rider Amount	[ = Line 1 x Line 16]	\$ (14,367,634)	\$ (6,736,837)	\$ (656,269)	\$ (440,535)	<b>(22,201,275)</b>	
3	Annualized Throughput (DTs)	Stipulation Exhibit C3, Schedule 3 <sup>1</sup>	39,264,449	30,085,644	36,569,388	29,466,652	135,386,133	
4	Rider Rate Per DT	[ = Line 2 / Line 3]	(0.3659)	(0.2239)	(0.0179)	(0.0150)		
5	Rider Rate Per Therm	[ = Line 4 / 10 ]	(0.03659)	(0.02239)	(0.00179)	(0.00150)		
<b>Federal Unprotected EDIT Rider - 5 Year Amortization</b>								
<b>(Ending on 10/31/2024)</b>								
Line No.		Notes	Small & Medium				Interruptible Large General (104, 114)	Total
			Residential (101)	General (102, 142, 152, 144)	Firm Large General (103, 113, T-10)	General		
6	Customer Class Apportionment	see table below	64.72%	30.34%	2.96%	1.98%	100.00%	
7	EDIT Rider Amount	[ = Line 6 x Line 17]	\$ (16,543,167)	\$ (7,756,923)	\$ (755,641)	\$ (507,240)	<b>(25,562,970)</b>	
8	Annualized Throughput (DTs)	Stipulation Exhibit C3, Schedule 3 <sup>1</sup>	39,264,449	30,085,644	36,569,388	29,466,652	135,386,133	
9	Rider Rate Per DT	[ = Line 7 / Line 8]	(0.4213)	(0.2578)	(0.0207)	(0.0172)		
10	Rider Rate Per Therm	[ = Line 9 / 10 ]	(0.04213)	(0.02578)	(0.00207)	(0.00172)		

**Derivation of Customer Class Apportionment Percentages**

	Annual Amount	Allocation %
11	Margin Revenues per Stipulation Exhibit K3 <sup>1</sup>	
12	Residential (101)	\$ 452,958,707 64.72%
13	Sm & Med General Service (102, 142, 152, 144)	\$ 212,387,733 30.34%
14	Large General Service - Firm (103, 113, T-10)	\$ 20,689,758 2.96%
15	Large General Service - Interruptible (104, 114)	\$ 13,888,440 1.98%
	<b>Total</b>	<b>\$ 699,924,638 100.00%</b>

**Annual Amounts per Supplemental Settlement Testimony of Pia K. Powers, Exhibit\_(PKP-1) - EDIT Rider Impacts**

	Annual Amount
16	State EDIT - 3 Year Amortization \$ (22,201,275)
17	Federal Unprotected EDIT - 5 Year Amortization \$ (25,562,970)

1/ Stipulation Exhibits as shown in the Supplemental Settlement Testimony of Pia K. Powers dated October 18, 2021, Exhibit\_(PKP-2).

**Before the  
North Carolina Utilities Commission**

**Docket No. G-9, Sub 781**

**General Rate Case**

**Second Supplemental Testimony  
of  
Adam Long**

**On Behalf Of  
Piedmont Natural Gas Company, Inc.**

1 **Q. Please state your name and business address.**

2 A. My name is Adam Long and my business address is 4720 Piedmont  
3 Row Drive Charlotte, North Carolina.

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

5 A. I am employed by Piedmont Natural Gas Company, Inc. (“Piedmont”  
6 or the “Company”), as Vice President – Gas Pipeline Operations.

7 **Q. Have you previously testified in this proceeding?**

8 A. Yes, I submitted prefiled rebuttal testimony in this proceeding on August  
9 25, 2021 and supplemental testimony on September 7, 2021. I also filed  
10 an Affidavit on October 11, 2021 in this proceeding in which I attested to  
11 the completion of the testing of the liquefaction function of the Robeson  
12 LNG plant which completed the full functionality assessment program  
13 previously agreed to with the Public Staff.

14 **Q. Please describe your educational and professional background.**

15 A. I have a BS in Mechanical Engineering from North Carolina State  
16 University, 1996. I have more than 20 years of pipeline facility and LNG  
17 experience.

18 **Q. What is the purpose of your Second Supplemental testimony?**

19 A. In accordance with Paragraph No. III.D.1.d. of the Stipulation of Partial  
20 Settlement (“Stipulation”), my testimony will support my Affidavit filing  
21 of October 11, 2021 and discuss Piedmont’s final recommendation  
22 regarding the total revenue requirement and rates in this case, including  
23 the Robeson Liquefied Natural Gas (“LNG”) Plant and the Pender-Onslow



1 Expansion Project. Specifically, my Second Supplemental testimony  
2 addresses the operability and “used and useful” status of these two  
3 projects.

4 **Q. Are both of these projects currently operable in providing service to**  
5 **customers?**

6 A. Yes, they are. For the Robeson LNG project, construction and  
7 commissioning of the plant are complete and we have demonstrated the  
8 ability to receive and process natural gas, to liquify that natural gas, the  
9 ability to store the liquified natural gas and the ability to vaporize liquified  
10 natural gas. We have demonstrated these abilities to our own satisfaction  
11 but also to the satisfaction of the Public Staff engineers who have been  
12 monitoring this process. The plant is currently operational and is available  
13 for use in the normal course of our operations. The same is true with  
14 regard to Lines 456 and 457, which were constructed in conjunction with  
15 the plant itself to facilitate operations and interconnection with our pre-  
16 existing transmission system.

17 With regard to the Pender-Onslow Expansion project, those  
18 facilities are complete and have been commissioned and are in active use  
19 supporting deliverability to customers in the eastern part of our system.<sup>1</sup>

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<sup>1</sup> I would note, however, that a portion of the project was not complete as of August 31, 2021, but that portion of the project – which is not critical to the operability of the rest of the project – was designated as a new stand-alone project at that time in order to segregate costs for the incomplete portion from those portions that are complete and closed to plant.

1 **Q. In your Supplemental Testimony you described two issues the**  
2 **Company was dealing with in the Commissioning process for the**  
3 **Robeson LNG plant, have those been resolved?**

4 A. Yes, they have. They were discovered in our efforts to demonstrate the  
5 ability to liquify natural gas and have both been addressed and resolved  
6 and have demonstrated the ability to liquify natural gas.

7 **Q. Have the Robeson and Pender-Onslow facilities been closed to plant?**

8 A. Yes. Except with regard to the small the portion of the Pender-Onslow  
9 Expansion project not in service as described above, these facilities (and  
10 lines 456 and 457) have all been closed to plant effective August 31, 2021.

11 **Q. In your opinion as pipeline operator for these projects, are the**  
12 **Robeson LNG facilities (inclusive of lines 456 and 457) and the**  
13 **completed portion of the Pender-Onslow Expansion project facilities**  
14 **used and useful and otherwise eligible for rate base treatment under**  
15 **the Stipulation?**

16 A. Yes. From my perspective as a subject matter expert and the operator of  
17 these projects, they are complete, operable, operating, and closed to plant  
18 and are otherwise indistinguishable from Piedmont's other general plant in  
19 service included in rate base in this proceeding. It is my understanding  
20 that the Public Staff agrees with this assessment.

21 **Q. Does this conclude your testimony?**

22 A. Yes, it does.