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September 30, 2015

**VIA E-FILING**

Rosemary Chiavetta  
Secretary  
Pennsylvania Public Utility Commission  
Commonwealth Keystone Building  
400 North Street  
Harrisburg, PA 17120-3265

**Re: Quarterly Purchased Gas Cost Filing of Columbia Gas of Pennsylvania, Inc.  
Supplement No. 236 to Tariff Gas Pa. P.U.C. No. 9.  
Docket No. R-2015-2469665**

Secretary Chiavetta:

Enclosed for filing on behalf of Columbia Gas of Pennsylvania, Inc. ("Columbia") is Supplement No. 236 to Tariff Gas Pa. P.U.C. No. 9 ("Supplement No. 236"). Supplement No. 236 issued September 30, 2015, to be effective October 1, 2015, changes Columbia's rates for the cost of purchased gas supplies. This filing is made in compliance with the Commission's regulations that permit gas utilities to update their gas cost recovery rate on a quarterly basis.

Customers served under Columbia's residential, small general service, and large general service sales schedules will experience a decrease of (\$0.12164)/Therm in their gas supply and pass-through charges, effective October 1, 2015. The gas cost changes are reflected in the attached tariff rate schedules and Purchased Gas Cost Rider.

In accordance with the Commission's decision in Columbia's 2015 1307(f) proceeding docketed at R-2015-2469665, the Company has reflected the entire projected off system sales and capacity release margin to be credited to customers in the calculation of the Purchased Gas Demand Cost factor. Previously, the credit was divided between the Purchased Gas Commodity Cost factor and the Purchased Gas Demand Cost factor. The total projected Off System Sales and Capacity Release Credit is (\$.01208)/Therm as reflected at Line 24 on Exhibit 1-A, Schedule 1, Sheet 1 of 2. As per the Settlement approved at this docket, the basis for the credit is \$5,750,708.

Copies of the enclosed filing have been served on the parties designated on this letter.

Please direct any inquiry with regard to this filing to me at (724) 416-6370 or to Columbia's Counsel, Theodore J. Gallagher (724.416.6355), both at the address written above, or to Columbia's outside counsel, Michael W. Hassell, Post & Schell P.C., 17 North Second Street, 12th Floor, Harrisburg, Pennsylvania 17101, (717.612.6029).

Sincerely,

A handwritten signature in black ink that reads "Nancy J. D. Krajovic". The signature is written in a cursive style with a large initial 'N'.

Nancy J. D. Krajovic

Enclosure

c: Theodore J. Gallagher, Esquire  
Andrew S. Tubbs, Esquire  
Michael W. Hassell, Esquire  
Todd Stewart, Esquire, Counsel for NGS Parties  
Bureau of Investigation and Enforcement  
Office of Consumer Advocate  
Office of Small Business Advocate

**COLUMBIA GAS OF PENNSYLVANIA, INC.**

121 Champion Way, Suite 100

Canonsburg, Pennsylvania

**RATES AND RULES**

**FOR**

**FURNISHING GAS SERVICE**

**IN**

**THE TERRITORY AS DESCRIBED HEREIN**

ISSUED: September 30, 2015

EFFECTIVE: October 1, 2015

ISSUED BY: M. R. KEMPIC, PRESIDENT  
121 CHAMPION WAY, SUITE 100  
CANONSBURG, PENNSYLVANIA 15317

**NOTICE**

This Tariff Supplement Makes a Change to the Existing Tariff - See List of Changes Made by This Tariff Supplement on Page Nos. 2 through 2a

**LIST OF CHANGES MADE BY THIS TARIFF SUPPLEMENT**

<b>Page</b>	<b>Page Description</b>	<b>Revision Description</b>
Cover	Tariff Cover Page	Supplement No., Issue and Effective Date.
2-2a	List of Changes	List of Changes.
16	Rate Summary	The "Gas Supply Charge" has decreased. The "Gas Cost Adjustment" has decreased. The "Pass-through Charge" has decreased. The "Total Effective Rate" has decreased.
17	Rate Summary	The "Gas Supply Charge" has decreased. The "Gas Cost Adjustment" has decreased. The "Pass-through Charge" has decreased. The "Total Effective Rate" has decreased.
18	Rate Summary	The "Gas Supply Charge" has decreased. The "Gas Cost Adjustment" has decreased. The "Pass-through Charge" has decreased. The "Total Effective Rate" has decreased.
19	Rate Summary	The "Gas Supply Charge" has decreased. The "Gas Cost Adjustment" has decreased. The "Pass-through Charge" has decreased. The "Total Effective Rate" has decreased.
20	Rate Summary	The "Supplier Refunds" have expired. The "Residential Price-to-Compare" has decreased. The "Commercial Price-to-Compare" has decreased. The "Standby Service" has increased.
21	Rider Summary	The "Merchant Function Charge – Rider MFC" has decreased.
21a	Gas Supply Charge Summary	The "PGCC" has decreased. The "Rider MFC" has decreased. The "Total Gas Supply Charge" has decreased.

**LIST OF CHANGES MADE BY THIS TARIFF SUPPLEMENT**

Page	Page Description	Revision Description
21b	Pass-through Charge Summary	<p>The "PGDC" has decreased.</p> <p>The "PGDC "E" Factor" has increased.</p> <p>The "Capacity Assignment Factor" has decreased.</p> <p>The "Pipeline Refunds" have expired.</p> <p>The "Total Pass-through Charge" has decreased.</p>
21c	Price-to-Compare Summary	<p>The "PGCC" has decreased.</p> <p>The "Gas Cost Adjustment" has decreased.</p> <p>The "Capacity Assignment Factor" has increased.</p> <p>The "Rider MFC" has decreased.</p> <p>The "Total Price-to-Compare" has decreased.</p>
151	Rider PGC	The rates for "Rider PGC – Purchased Gas Cost" have changed.
154	Rider PGC	The rates for "Rider PGC – Purchased Gas Cost" have changed.
158	Purchased Gas Cost Rider	The last sentence referring to the sharing mechanism that went into effect on October 1, 2002, appearing at the end of the "Sharing of Capacity Release Revenues" section has been removed.
159	Purchased Gas Cost Rider	The last paragraph in the "Sharing Mechanism for Off-System Sales and Capacity Release Revenues" has been revised.

Columbia Gas of Pennsylvania, Inc.

<b>Rate Summary</b>						
Rate per thm						
Residential Rate Schedules	Distribution Charge	Gas Supply Charge 1/	Gas Cost Adjustment	Pass-Through Charge 2/	State Tax Adjustment Surcharge 3/	Total Effective Rate
<b><u>Rate RSS - Residential Sales Service</u></b>						
Customer Charge	\$ 16.75	-	-	-	0.00	16.75
Usage Charge	\$ 0.42138	0.32416	(0.07077)	0.17373	0.00000	0.84850
Customer Transferring from Rate Schedule RDS - Usage Charge	\$ 0.42138	0.32416	-	0.17373	0.00000	0.91927
<b><u>Rate RDS - Residential Distribution Service</u></b>						
Customer Charge	\$ 16.75	-	-		0.00	16.75
Usage Charge:						
Customers Electing CHOICE - 1st Year	\$ 0.42138	-	(0.07077) 5/	0.14330	0.00000	0.49391
Customers Electing CHOICE - 2nd Year	\$ 0.42138	-	-	0.14330	0.00000	0.56468

1/ Please see Page No. 21a for rate components.

2/ Please see Page No. 21b for rate components.

3/ The STAS percentage is reflected on Page No. 20 and is applied to the Customer Charge and the Distribution Charge.

4/ If a customer transfers to RSS from RDS, the Gas Cost Adjustment shall not be billed for twelve billing cycles.

5/ If a customer transfers to RDS from RSS, the Gas Cost Adjustment shall be billed for twelve billing cycles.

Issued: September 30, 2015

Mark R. Kempic - President

Effective: October 1, 2015

Columbia Gas of Pennsylvania, Inc.

**Rate Summary**

Rate per thm

Commercial / Industrial Rate Schedules <= 64,400 therms - 12 Months Ending October	Distribution Charge	Gas Supply Charge 1/	Gas Cost Adjustment	Pass-through Charge 2/	State Tax Adjustment Surcharge 3/	Total Effective Rate
<b><u>Rate SGSS - Small General Sales Service</u></b>						
Customer Charge:						
Annual Throughput <= 6,440 thm	\$ 21.25	-	-	-	0.00	21.25
Annual Throughput > 6,440 thm and <= 64,400 thm	\$ 48.00	-	-	-	0.00	48.00
Usage Charge	\$ 0.31385	0.32106	(0.07077)	0.10460	0.00000	0.66874
Customers Transferring from Rate Schedule SCD - Usage Charge	\$ 0.31385	0.32106	-	4/ 0.10460	0.00000	0.73951
<b><u>Rate SCD - Small Commercial Distribution</u></b>						
Customer Charge:						
Annual Throughput <= 6,440 thm	\$ 21.25	-	-	-	0.00	21.25
Annual Throughput > 6,440 thm and <= 64,400 thm	\$ 48.00	-	-	-	0.00	48.00
Usage Charge:						
Customers Electing CHOICE - 1st Year	\$ 0.31385	-	(0.07077) 5/	0.07417	0.00000	0.31725
Customers Electing CHOICE - 2nd Year	\$ 0.31385	-	-	0.07417	0.00000	0.38802
<b><u>Rate SGDS - Small General Distribution Service</u></b>						
Customer Charge:						
Annual Throughput <= 6,440 thm	\$ 21.25	-	-	-	-	21.25
Annual Throughput > 6,440 thm and <= 64,400 thm	\$ 48.00	-	-	-	-	48.00
Usage Charge:						
Priority One DS	\$ 0.28791	-	-	5/ 0.10460	0.00000	0.39251 6/
Non-Priority One DS	\$ 0.28791	-	-	5/	0.00000	0.28791 6/

1/ Please see Page 21a for rate components.

2/ Please see Page 21b for rate components.

3/ The STAS percentage is reflected on Page No. 20 and is applied to the Customer Charge and the Distribution Charge.

4/ If a customer transfers to SGSS from SCD or SGDS, the Gas Cost Adjustment shall not be billed for twelve billing cycles.

5/ If a customer transfers to SCD or SGDS from SGSS, the Gas Cost Adjustment shall be billed for twelve billing cycles.

6/ Plus Rider EBS Option 1 or 2 - See Page 21.

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Mark R. Kempic - President

Columbia Gas of Pennsylvania, Inc.

Canceling Eighty-Ninth and Ninetieth Revised Page No. 18

<b>Rate Summary</b>							
Rate per thm							
Commercial / Industrial Rate Schedules > 64,400 therms - 12 Months Ending October	Distribution Charge	Gas Supply Charge	Gas Cost Adjustment	Pass-through Charge	State Tax Adjustment Surcharge	Total Effective Rate	
		1/		2/	3/		
<b><u>Rate LGSS - Large General Sales Service</u></b>							
Customer Charge:							
Annual Throughput > 64,400 thm and <= 110,000 thm	\$	170.00			0.00	170.00	
Annual Throughput > 110,000 thm and <= 540,000 thm	\$	640.00			0.00	640.00	
Annual Throughput > 540,000 thm and <= 1,074,000 thm	\$	1,300.00			0.00	1,300.00	
Annual Throughput > 1,074,000 thm and <= 3,400,000 thm	\$	2,300.00			0.00	2,300.00	
Annual Throughput > 3,400,000 thm and <= 7,500,000 thm	\$	4,800.00			0.00	4,800.00	
Annual Throughput > 7,500,000 thm	\$	7,400.00			0.00	7,400.00	
Usage Charge:							
First 11,000 thm per billing cycle	\$	0.22209	0.31947	(0.07077) 4/	0.10451	0.00000	0.57530
Next 43,000 thm per billing cycle	\$	0.18672	0.31947	(0.07077) 4/	0.10451	0.00000	0.53993
Next 54,000 thm per billing cycle	\$	0.16663	0.31947	(0.07077) 4/	0.10451	0.00000	0.51984
All thm per billing cycle over 108,000	\$	0.11416	0.31947	(0.07077) 4/	0.10451	0.00000	0.46737
<b><u>Rate SDS - Small Distribution Service</u></b>							
Customer Charge:							
Annual Throughput > 64,400 thm and <= 110,000 thm	\$	170.00	-	-	0.00	170.00	
Annual Throughput > 110,000 thm and <= 540,000 thm	\$	640.00	-	-	0.00	640.00	
Usage Charge	\$	0.16738	-	- 5/	0.00000	0.16738 6/	
<b><u>Rate LDS - Large Distribution Service</u></b>							
Customer Charge:							
Annual Throughput > 540,000 thm and <= 1,074,000 thm	\$	1,300.00	-	-	0.00	1,300.00	
Annual Throughput > 1,074,000 thm and <= 3,400,000 thm	\$	2,300.00	-	-	0.00	2,300.00	
Annual Throughput > 3,400,000 thm and <= 7,500,000 thm	\$	4,800.00	-	-	0.00	4,800.00	
Annual Throughput > 7,500,000 thm	\$	7,400.00	-	-	0.00	7,400.00	
Usage Charge:							
Annual Throughput > 540,000 thm and <= 1,074,000 thm	\$	0.11359	-	- 5/	0.00000	0.11359 6/	
Annual Throughput > 1,074,000 thm and <= 3,400,000 thm	\$	0.09982	-	- 5/	0.00000	0.09982 6/	
Annual Throughput > 3,400,000 thm and <= 7,500,000 thm	\$	0.08263	-	- 5/	0.00000	0.08263 6/	
Annual Throughput > 7,500,000 thm	\$	0.04800	-	- 5/	0.00000	0.04800 6/	

1/ Please see Page 21a for rate components.

2/ Please see Page 21b for rate components.

3/ The STAS percentage is reflected on Page No. 20 and is applied to the Customer Charge and the Distribution Charge.

4/ If a customer transfers to LGSS from SDS or LDS, the Gas Cost Adjustment shall not be billed for twelve billing cycles.

5/ If a customer transfers to SDS or LDS from LGSS, the Gas Cost Adjustment shall be billed for twelve billing cycles.

6/ Plus Rider EBS Option 1 or 2 - See Page 21.



Columbia Gas of Pennsylvania, Inc.

Canceling Twentieth and Twenty-First Revised Page No. 19

<b>Rate Summary</b>						
Rate per thm						
Main Line Service Rate Schedules Commercial / Industrial	Distribution Charge	Gas Supply Charge 1/	Gas Cost Adjustment	Pass-through Charge 2/	State Tax Adjustment Surcharge 3/	Total Effective Rate
<b><u>Rate MLSS - Main Line Sales Service</u></b>						
Customer Charge:						
Annual Throughput > 274,000 thm and <= 540,000 thm	\$ 469.34	-	-	-	0.00	469.34
Annual Throughput > 540,000 thm and <= 1,074,000 thm	\$ 1,149.00	-	-	-	0.00	1,149.00
Annual Throughput > 1,074,000 thm and <= 3,400,000 thm	\$ 2,050.00	-	-	-	0.00	2,050.00
Annual Throughput > 3,400,000 thm and <= 7,500,000 thm	\$ 4,096.00	-	-	-	0.00	4,096.00
Annual Throughput > 7,500,000 thm	\$ 7,322.00	-	-	-	0.00	7,322.00
Usage Charge:						
MLS Class I Annual Throughput > 274,000 thm	\$ 0.00936	0.31947	(0.07077) 4/	0.10451	0.00000	0.36257
MLS Class II:						
Annual Throughput > 2,146,000 thm and <= 3,400,000 thm	\$ 0.04474	0.31947	(0.07077) 4/	0.10451	0.00000	0.39795
Annual Throughput > 3,400,000 thm and <= 7,500,000 thm	\$ 0.03869	0.31947	(0.07077) 4/	0.10451	0.00000	0.39190
Annual Throughput > 7,500,000 thm	\$ 0.03351	0.31947	(0.07077) 4/	0.10451	0.00000	0.38672
<b><u>Rate MLDS - Main Line Distribution Service</u></b>						
Customer Charge:						
Annual Throughput > 274,000 thm and <= 540,000 thm	\$ 469.34	-	-	-	0.00	469.34
Annual Throughput > 540,000 thm and <= 1,074,000 thm	\$ 1,149.00	-	-	-	0.00	1,149.00
Annual Throughput > 1,074,000 thm and <= 3,400,000 thm	\$ 2,050.00	-	-	-	0.00	2,050.00
Annual Throughput > 3,400,000 thm and <= 7,500,000 thm	\$ 4,096.00	-	-	-	0.00	4,096.00
Annual Throughput > 7,500,000 thm	\$ 7,322.00	-	-	-	0.00	7,322.00
Usage Charge:						
MLS Class I Annual Throughput > 274,000 thm	\$ 0.00936	-	-	-	0.00000	0.00936 6/
MLS Class II:						
Annual Throughput > 2,146,000 thm and <= 3,400,000 thm	\$ 0.04474	-	-	5/	0.00000	0.04474 6/
Annual Throughput > 3,400,000 thm and <= 7,500,000 thm	\$ 0.03869	-	-	5/	0.00000	0.03869 6/
Annual Throughput > 7,500,000 thm	\$ 0.03351	-	-	5/	0.00000	0.03351 6/

1/ Please see Page 21a for rate components.

2/ Please see Page 21b for rate components.

3/ The STAS percentage is reflected on Page No. 20 and is applied to the Customer Charge and the Distribution Charge.

4/ If a customer transfers to MLSS from MLDS, the Gas Cost Adjustment shall not be billed for twelve billing cycles.

5/ If a customer transfers to MLDS from MLSS, the Gas Cost Adjustment shall be billed for twelve billing cycles.

6/ Plus Rider EBS Option 1 or 2 - See Page 21.

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Mark R. Kempic - President

Columbia Gas of Pennsylvania, Inc.

Canceling Eighty-Ninth and Ninetieth Revised Page No. 20

<b>Other Rates Summary</b>		
Rate per thm		
Description	Rate \$/ thm	Applicable Rate Schedules
<b>TCO Modernization Refund- Settlement - Residential</b>	\$ -	RSS/RDS
<b>TCO Modernization Refund-Settlement - Non-Residential</b>	\$ -	SGSS/SGDS/SCD/LGSS/MLSS
<b>Price to Compare for Residential Gas Supply</b>	\$ 0.28382	RSS
<b>Price to Compare for Commercial Gas Supply</b>	\$ 0.28072	SGSS (< = 64,400 thms)
<b>State Tax Adjustment Surcharge Percentage</b>	0.00000%	Customer and Distribution Charges on all rates
<b>Rate SS - Standby Service</b>	\$ 0.75485	Per therm based on a customer's Maximum Daily Firm Requirement. See Pages 134 - 136 herein for detail.

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Mark R. Kempic - President

Columbia Gas of Pennsylvania, Inc.

Canceling One Hundred-Second and One Hundred-Fourth Revised Page No. 21

<b>Rider Summary</b>		
Rate per thm		
Riders	Rate \$/ thm	Applicable Rate Schedules
<b>Customer Choice - Rider CC</b>	\$ 0.00009	RSS/RDS/SGSS/SGDS/SCD/DGDS
<b>Universal Service Plan - Rider USP</b>	\$ 0.06913	RSS/RDS
<b>Distribution System Improvement Charge - Rider DSIC</b>	0.00000%	This percentage is applied to a portion of the Distribution Charge and the Customer Charge. See Pages 177-180 for Rider DSIC details.
<b>Elective Balancing Service - Rider EBS:</b>		
Option 1 - Small Customer	\$ 0.01626	SGDS/SDS
Option 1 - Large Customer	\$ 0.00656	LDS/MLDS
Option 2 - Small Customer	\$ 0.00697	SGDS/SDS
Option 2 - Large Customer	\$ 0.00226	LDS/MLDS
<b>Gas Procurement Charge - Rider GPC</b>	\$ 0.00695	RSS/SGSS/LGSS/MLSS
<b>Merchant Function Charge - Rider MFC</b>	\$ 0.00469	RSS
<b>Merchant Function Charge - Rider MFC</b>	\$ 0.00159	SGSS
<b>Purchased Gas Cost - Rider PGC</b>	Pg. 21a & 21b	Rate Schedules specified on Page 21a & 21b

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Columbia Gas of Pennsylvania, Inc.

Canceling Thirteenth and Fourteenth Revised Page No. 21a

<b>Gas Supply Charge Summary</b>				
Rate per thm				
Rate Schedule	<u>PGCC</u>	<u>Rider GPC</u>	<u>Rider MFC</u>	Total Gas Supply <u>Charge</u>
Rate CAP - Customer Assistance Plan	\$ -	-	-	-
Rate RSS - Residential Sales Service	\$ 0.31252	0.00695	0.00469	0.32416
Rate SGSS - Small General Sales Service	\$ 0.31252	0.00695	0.00159	0.32106
Rate LGSS - Large General Sales Service	\$ 0.31252	0.00695	-	0.31947
Rate MLSS Main Line Sales Service	\$ 0.31252	0.00695	-	0.31947

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Mark R. Kempic - President

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Columbia Gas of Pennsylvania, Inc.

Canceling Twenty-First and Twenty-Third Revised Page No. 21b

Rate Schedule	Pass-through Charge Summary							Total Pass-through Charge
	PGDC	PGDC "E" Factor	Capacity Assignment Factor	Pipeline Refund	Rider CC	Rider USP	Rate per thm	
Rate CAP - Customer Assistance Plan	\$	0.11819	(0.01368)	(0.03043)	-	-	-	0.07408
Rate RSS - Residential Sales Service	\$	0.11819	(0.01368)	-	-	0.00009	0.06913	0.17373
Rate SGSS - Small General Sales Service	\$	0.11819	(0.01368)	-	-	0.00009	-	0.10460
Rate LGSS - Large General Sales Service	\$	0.11819	(0.01368)	-	-	-	-	0.10451
Rate MLSS Main Line Sales Service	\$	0.11819	(0.01368)	-	-	-	-	0.10451
Rate RDS - Residential Distribution Service	\$	0.11819	(0.01368)	(0.03043)	-	0.00009	0.06913	0.14330
Rate SCD - Small Commercial Distribution (Choice)	\$	0.11819	(0.01368)	(0.03043)	-	0.00009	-	0.07417
Rate SGDS - Small General Distribution Service								
Priority One (P1)	\$	0.11819	(0.01368)	-	-	0.00009	-	0.10460
Non-Priority One (NP1)		-	-	-	-	-	-	-
Rate SDS - Small Distribution Service	\$	-	-	-	-	-	-	-
Rate LDS - Large Distribution Service	\$	-	-	-	-	-	-	-
Rate MLDS - Main Line Distribution Service	\$	-	-	-	-	-	-	-

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Effective: October 1, 2015

Mark R. Kempic - President

Columbia Gas of Pennsylvania, Inc.

Canceling Thirteenth and Fourteenth Revised Page No. 21c

Price-to-Compare (PTC) Summary						
Rate per thm						
<u>Customer Class</u>	<u>PGCC</u>	<u>Gas Cost Adjustment</u>	<u>Capacity Assignment Factor</u>	<u>Rider GPC</u>	<u>Rider MFC</u>	<u>Total Price-to-Compare</u>
Residential	\$ 0.31252	(0.07077)	0.03043	0.00695	0.00469	0.28382
Commercial < = 64,400 thm/year	\$ 0.31252	(0.07077)	0.03043	0.00695	0.00159	0.28072

Issued: September 30, 2015

Mark R. Kempic - President

Effective: October 1, 2015

## RIDER PGC - PURCHASED GAS COST

### PROVISIONS FOR RECOVERY OF PURCHASED GAS COSTS

#### RIDER PGC APPLICABLE TO SALES SERVICE CUSTOMERS

Rates for each thm of gas supplied to sales customers subject to this Rider under the Rate RSS, Rate SGSS, Rate LGSS, and Rate MLSS rate schedules shall include \$0.34626 per thm for recovery of purchased gas costs. (D)(I)  
This rate includes the commodity cost component (CC) of \$0.31252 per thm, the commodity "E" Factor component (CE) of (\$0.07077) per thm, the demand cost component (DC) of \$0.11819 per thm, and the demand "E" Factor component of (\$0.01368) per thm.

#### RIDER PGC APPLICABLE TO SGDS PRIORITY ONE CUSTOMERS

Rates for each thm of gas distributed under the Rate SGDS rate schedules for Priority-One Service customers shall include \$0.10451 per thm for recovery of Purchased Gas Demand Costs (PGDC). This rate includes the DC of \$0.11819 per thm and the demand "E" Factor component of (\$0.01368) per thm. (D)(I)

#### RIDER PGC CHARGED TO CHOICE DISTRIBUTION SERVICE CUSTOMERS

Rates for each thm of gas distributed under Rate RDS and Rate SCD shall include \$0.07408 per thm for recovery of Purchased Gas Demand Costs. This rate includes the DC of \$0.11819 per thm, the Capacity Assignment Factor (CAF) of (\$0.03043) per thm and the DC "E" Factor component of (\$0.01368) per thm. The CAF represents costs not assignable to Choice Distribution Service customers. (D)(I)

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

### PRESENTATION ON CUSTOMER BILLS

For sales service customers served under Rate RSS, Rate SGSS, Rate LGSS and Rate MLSS, the Pass-through Charge includes the PGDC of \$0.11819 per thm plus the demand "E" Factor of (\$0.01368) per thm. The two factors total \$0.10451 per thm. The Gas Supply Charge includes the PGCC of \$0.31252 per thm. The Gas Cost Adjustment is the commodity "E" Factor of (\$0.07077) per thm. (D)(I)

For General Distribution Service customers served under Priority-One Rate SGDS, the Pass-through Charge includes the PGDC of \$0.11819 per thm and the demand "E" Factor component of (\$0.01368) per thm, totaling \$0.10451 per thm. (D)(I)

For Choice Distribution Service customers served under Rate RDS or Rate SCD, the Pass-through Charge includes the PGDC of \$0.11819 per thm, the CAF of (\$0.03043) per thm and the demand "E" Factor component of (\$0.01368) per thm, all of which total \$0.07408 per thm. (D)(I)

### QUARTERLY UPDATES

The Company's rates for recovery of purchased gas costs are also subject to quarterly adjustments under procedures set forth in the Commission's regulations at 52.Pa. Code § 53.64 (i) (5). Such updates shall reflect, in addition to the provisions of the regulation, adjustments to the projected commodity cost of purchased gas based upon more current versions of the same sources of data and using the same methods to project the commodity cost of purchased gas approved by the Commission in the Company's most recent annual proceeding for recovery of purchased gas costs under section 1307(f) of the Public Utility Code.

(D) Indicates Decrease (I) Indicates Increase

## RIDER PGC - PURCHASED GAS COST (Continued)

### COMPUTATION OF PURCHASED GAS DEMAND COSTS PER THM – Continued

Supplier refunds that are not included in "CE" will be included in the calculation of "DE" with interest added at the annual rate of six percent (6%) calculated from the month received to the effective month such refund is refunded. The period over which such refunds will be made shall be established by the Commission.

"S" - projected thms of gas to be billed to customers under the distribution charges of the Rate RSS, Rate SGSS, Rate LGSS, and Rate MLSS rate schedules plus the projected thm of gas to be distributed to customers under Rate RDS, Rate SCD and SGDS Priority One Distribution rate schedules of this Tariff during the period when rates will be in effect.

### PROVISION OF PURCHASED GAS DEMAND COST CREDIT DUE TO CUSTOMERS ELECTING CHOICE DISTRIBUTION SERVICE – CAPACITY ASSIGNMENT FACTOR (CAF) (D)(I)

The Purchased Gas Demand Cost (PGDC) rate included in the Pass-through Charge billed to Choice Distribution Service customers served under Rate RDS or Rate SCD shall be \$0.07408 per thm. Such rate shall be equal to the PGDC component of \$0.10451 per thm as calculated above, less the CAF of \$0.03043 per thm. The CAF shall be equal to the projected annual cost of assigned Firm Capacity less estimated annual storage commodity costs (storage injection, withdrawal, shrinkage and commodity transportation cost) with the net divided by the estimated, normalized annual usage of customers electing Choice Distribution Service. The CAF of \$0.03043 per thm representing costs not assignable to CHOICE customers shall be included in the Price-to-Compare.

### DETERMINATION OF OVER/UNDERCOLLECTION OF GAS COSTS

#### Commodity E-factor

In computing the experienced over/under collection of purchased gas commodity costs for a period defined by the Commission, the following procedure shall be used:

- (a) All experienced purchased gas commodity costs actually incurred by the Company to service customers pursuant to all rate schedules of this Tariff.

Experienced purchased gas commodity costs shall include, but not be limited to, the following:

- (1) payments to suppliers to accept assignment of capacity on interstate pipelines other than Columbia Gas Transmission Corporation to the extent permitted under the Rules Applicable to Distribution Service;
- (2) costs paid for employing futures, options and other risk management tools, including but not limited to, supplier related costs associated with the fixed price contracts or financial contracts utilized by the Company to lessen the impact of price volatility for PGC customers; and
- (3) the index price of gas purchased from distribution customers under the provisions of the Deliveries in Excess of Consumption section of Paragraph 3 of the Rules Applicable to Distribution Service.

(D) Indicates Decrease (I) Indicates Increase



## PURCHASED GAS COST RIDER (Continued)

### RATE NGV GAS COST CREDIT - Continued

For interruptible sales under Rate NGV, an amount for recovery of upstream capacity costs, which is the greater of the following:

- a. The average rate per thm of all final accepted bids for thirty day recallable capacity received by the Company five days prior to the commencement of each month of the contract; or
- b. \$.00465/thm in December, January and February, and \$.00093/thm in all other months.

#### 2. Commodity Costs

The amount to be credited for recovery of commodity costs shall be determined on a monthly basis and shall equal the highest cost of spot purchases scheduled to commence on the first day of each month, including transportation and retainage. If no spot purchases are scheduled, the amount to be credited shall be the average commodity cost of gas purchased during the months, including transportation and retainage.

### SHARING OF CAPACITY RELEASE REVENUE

Capacity release credits derived from "administrative releases" shall be excluded from the foregoing sharing calculation, and all such credits actually derived shall be included in the "E" Factor in their entirety. "Administrative releases" are defined as follows:

- (i) Revenues for release of capacity to a producer or marketer where Columbia purchased the gas transported by the producer or marketer for its system supply;
- (ii) Revenues from releases of capacity at full margin to certain end-use customers where such releases were the result of the conversion of pre-Federal Energy Regulatory Commission Order No. 636 buy-sell arrangements; and
- (iii) Revenues from releases of capacity used in serving end users in a Commission-approved unbundling of service, provided that the benchmark would be adjusted to reflect the assignment of such capacity.

(C) Indicates Change

**PURCHASED GAS COST RIDER (Continued)**

**SHARING MECHANISM FOR OFF-SYSTEM SALES AND CAPACITY RELEASE REVENUES**

The sharing mechanism for the off-system sales and capacity release revenues shall be as follows. Customers shall receive 75% of all net proceeds through credits in the PGC rates. The Company will calculate the projected credit for each PGC application period (October through the following September) based upon an average of the three most recently completed PGC application periods for which data are available at the time of the PGC pre-filing made by March 1. Each September, the credits actually received by customers in the PGC application period then ending will be reconciled to the customers' share of the net proceeds actually realized during that period, and any difference will be included in the E-factors for the following PGC application period.

The projected off-system sales and capacity release margins credited to the PGC will be reflected in the Purchased Gas Demand Cost (PGDC). The reconciliation of prior year projections and actual off-system sales and capacity release margins will be reflected in the Demand "E" Factor.

(C)

(C) Indicates Change

COLUMBIA GAS OF PENNSYLVANIA, INC.  
COMPUTATION OF CHANGE IN RATE PURSUANT TO SECTION 1307(f)  
APPLICATION PERIOD: OCTOBER, 2015 THROUGH SEPTEMBER, 2016

Line No.	Description	Amount
		(1)
1	<u>Purchased Gas Commodity Cost</u>	\$
2	Commodity Cost of Gas (Exhibit 1-B, Schedule 1)	107,704,715
3	Projected tariff sales for the twelve billing periods of	
4	October, 2015 through September, 2016	344,628,945 Therms
5	PGCC prior to Off System Sales Credit (Line 2 / Line 4)	0.31252
6	Off System Sales and Capacity Release Credit	<u>0.00000</u>
7	PGCC (Line 5 + Line 6)	0.31252
8	<u>Commodity (Over)/Under Collection</u>	
9	Commodity E-Factor	
10	(Exhibit No. 1-E)	(24,552,807)
11	Projected sales for the twelve billing periods of	
12	October, 2015 through September, 2016	<u>346,961,450</u> Therms
13	Commodity E-Factor (Line 10/ Line 12)	(0.07077)
14	<u>Purchased Gas Demand Cost</u>	
15	Demand cost of gas (Exhibit 1-B, Schedule 1)	62,602,665
16	Less: Purchased Gas Demand recovered under Rate SS	
17	(Exhibit 1-A, Schedule 2, Sheet 2)	604,182
18	Less: Purchased Gas Demand Cost allocated to Rates LTS, STS,	
19	SGS-TS and MLS (Exh 1-A, Sch 2, Page 3)	<u>0</u>
20	Subtotal (Line 15 - Line 17 - Line 19)	61,998,483
21	Projected sales for the twelve billing periods of	
22	October, 2015 through September, 2016	1_/ 475,918,191 Therms
23	PGDC Rate prior to Capacity Release Credit (Line 20 / Line 22)	0.13027
24	Off System Sales and Capacity Release Credit	<u>(0.01208)</u>
25	PGDC Rate	0.11819
26	<u>Demand (Over)/Under Collection</u>	
27	Demand E- Factor	
28	(Exhibit No. 1-E)	(6,509,238)
29	Projected sales for the twelve billing periods of	
30	October, 2015 through September, 2016	1_/ 475,918,191 Therms
31	Demand E-Factor (Line 28 / Line 30)	(0.01368)
32	<u>Total Purchased Gas Cost</u>	
33	PGCC Rate (Line 7)	0.31252
34	PGDC Rate (Line 25)	<u>0.11819</u>
35	PGC Rate	0.43071
36	Currently effective PGC	<u>0.49565</u>
37	Increase (Decrease) in PGC	(0.06494)
38	<u>Net (Over) Under Collection</u>	
39	Commodity E-Factor (Line 13)	(0.07077)
40	Demand E-Factor (Line 31)	<u>(0.01368)</u>
41	E-Factor	(0.08445)
42	Currently effective E-Factor	<u>(0.02775)</u>
43	Increase (Decrease) in E-Factor	(0.05670)
44	PGC Rate	0.43071
45	E-Factor	<u>(0.08445)</u>
46	Total Rate	0.34626
47	Currently effective Rate	<u>0.46790</u>
48	Increase (Decrease) in Rate	(0.12164)

1\_/\_ Includes 131,289,246 Therm Transportation Quantities for the Company's Choice Program

COLUMBIA GAS OF PENNSYLVANIA, INC.  
PURCHASED GAS COST RECOVERED UNDER RATES SS  
AND COMPUTATION OF DAILY PURCHASED GAS DEMAND  
APPLICATION PERIOD: OCTOBER, 2015 THROUGH SEPTEMBER, 2016

<u>Line</u> <u>No.</u>	<u>Description</u>	<u>Detail</u> (1)	<u>Total</u> (2)
1	Total estimated demand charges for the period		
2	October, 2015 through September, 2016	62,602,665	
3	Estimated Demand Quantity (Therms) 1_/	82,934,160	
4	Daily purchased gas demand rate (Line 2 / line 3)	<u>\$0.75485</u> per Therm	
5	Daily purchased gas demand (Therms)	800,400 Therms	
6	Daily purchased gas demand rate per Therm	<u>\$0.75485</u>	
7	Total rate SS Daily Demand Cost to be		
8	Recovered (Line 5 x Line 6)		<u>\$604,182</u>

1\_/ Monthly Demand Billing Determinants x 12

COLUMBIA GAS OF PENNSYLVANIA, INC.  
SUMMARY OF PROJECTED SALES QUANTITIES AND REVENUES FOR THE PERIOD  
SALES AT PGCC AND PGDC RATES  
OCTOBER, 2015 THROUGH SEPTEMBER, 2016

Line No.	Month	Sales Subject To PGCC (1) Therms	PGCC Rate 1_ (2) \$/Therm	PGCC Revenue (3=1x2) \$	Sales Subject To PGDC (4) Therms	PGDC Rate 1_ (5) \$/Therm	PGDC Revenue (6=4x5) \$	Purchased Gas Cost Revenue (7=3+6) \$
1	October - 2015	8,585,485	0.31252	2,683,136	12,615,965	0.13027	1,643,482	4,326,618
2	November	22,887,597	0.31252	7,152,832	32,273,653	0.13027	4,204,289	11,357,121
3	December	48,128,766	0.31252	15,041,202	65,982,344	0.13027	8,595,520	23,636,722
4	January - 2016	65,571,273	0.31252	20,492,334	89,382,868	0.13027	11,643,906	32,136,240
5	February	65,480,932	0.31252	20,464,101	89,159,046	0.13027	11,614,749	32,078,850
6	March	56,902,270	0.31252	17,783,097	77,429,688	0.13027	10,086,765	27,869,862
7	April	35,156,355	0.31252	10,987,064	48,501,272	0.13027	6,318,261	17,305,325
8	May	16,739,634	0.31252	5,231,470	23,703,039	0.13027	3,087,795	8,319,265
9	June	8,867,974	0.31252	2,771,419	12,712,455	0.13027	1,656,052	4,427,471
10	July	5,718,059	0.31252	1,787,008	8,327,457	0.13027	1,084,818	2,871,826
11	August	5,097,869	0.31252	1,593,186	7,654,204	0.13027	997,113	2,590,299
12	September	<u>5,492,731</u>	0.31252	<u>1,716,588</u>	<u>8,176,200</u>	0.13027	<u>1,065,114</u>	<u>2,781,702</u>
13	Total	344,628,945		107,703,437	475,918,191		61,997,864	169,701,301

1\_  
Excludes refunds and experienced over/undercollections

COLUMBIA GAS OF PENNSYLVANIA, INC.  
SUMMARY OF PROJECTED SALES QUANTITIES AND REVENUES FOR THE PERIOD  
SALES AT STANDBY RATE  
OCTOBER, 2015 THROUGH SEPTEMBER, 2016

Line No.	Month	Daily Purchased Gas Demand Quantity (1) Therms	Daily Gas Demand Rate (2) \$/Therm	Daily Purchased Gas Demand Revenue (3=1x2) \$
1	October - 2015	66,700	0.75485	50,348
2	November	66,700	0.75485	50,348
3	December	66,700	0.75485	50,348
4	January - 2016	66,700	0.75485	50,348
5	February	66,700	0.75485	50,348
6	March	66,700	0.75485	50,348
7	April	66,700	0.75485	50,348
8	May	66,700	0.75485	50,348
9	June	66,700	0.75485	50,348
10	July	66,700	0.75485	50,348
11	August	66,700	0.75485	50,348
12	September	<u>66,700</u>	0.75485	<u>50,348</u>
13	Total	800,400		604,182

COLUMBIA GAS OF PENNSYLVANIA, INC.  
SUMMARY OF PROJECTED SALES QUANTITIES AND REVENUES FOR THE PERIOD  
SALES AT BANKING AND BALANCING RATES  
OCTOBER, 2015 THROUGH SEPTEMBER, 2016

Line No.	Month	Lg. Quantity GDS			Sm. Quantity GDS			Total Trans.
		Deliveries (1) Therms	Rate (2) \$/Therm	Revenue (3=1x2) \$	Deliveries (4) Therms	Rate (5) \$/Therm	Revenue (6=4x5) \$	Revenue (7=3+6) \$
1	October 2015	0	0.00226	0	0	0.00697	0	0
2	November	0	0.00226	0	0	0.00697	0	0
3	December	0	0.00226	0	0	0.00697	0	0
4	January 2016	0	0.00226	0	0	0.00697	0	0
5	February	0	0.00226	0	0	0.00697	0	0
6	March	0	0.00226	0	0	0.00697	0	0
7	April	0	0.00226	0	0	0.00697	0	0
8	May	0	0.00226	0	0	0.00697	0	0
9	June	0	0.00226	0	0	0.00697	0	0
10	July	0	0.00226	0	0	0.00697	0	0
11	August	0	0.00226	0	0	0.00697	0	0
12	September	<u>0</u>	<u>0.00226</u>	<u>0</u>	<u>0</u>	<u>0.00697</u>	<u>0</u>	<u>0</u>
13	Total	0		0	0		0	0

COLUMBIA GAS OF PENNSYLVANIA, INC.  
SUMMARY OF PROJECTED TOTAL OVER/UNDERCOLLECTION  
FOR THE 2015 1307(f) PERIOD  
OCTOBER, 2015 THROUGH SEPTEMBER, 2016

Line No.	Month	Commodity Recoveries PGCC Revenue	Total Commodity Cost of Gas 1_/_	Commodity Over/ Undercollection	Demand Recoveries PGDC Revenue	Total Demand Cost of Gas 1_/_	Demand Over/ Undercollection	Total Over/ Undercollection
		(1)	(2)	(3=1-2)	(4)	(5)	(6=4-5)	(7=3+6)
		\$	\$	\$	\$	\$	\$	\$
1	October 2015	2,683,136	3,974,655	(1,291,519)	1,693,830	5,863,906	(4,170,076)	(5,461,595)
2	November	7,152,832	11,555,433	(4,402,601)	4,254,637	5,922,063	(1,667,426)	(6,070,027)
3	December	15,041,202	19,177,272	(4,136,070)	8,645,868	5,971,403	2,674,465	(1,461,605)
4	January 2016	20,492,334	23,403,029	(2,910,695)	11,694,254	5,971,403	5,722,851	2,812,156
5	February	20,464,101	21,155,448	(691,347)	11,665,097	5,971,403	5,693,694	5,002,347
6	March	17,783,097	15,767,428	2,015,669	10,137,113	5,971,403	4,165,710	6,181,379
7	April	10,987,064	6,321,180	4,665,884	6,368,609	4,488,514	1,880,095	6,545,979
8	May	5,231,470	2,603,248	2,628,222	3,138,143	4,488,514	(1,350,371)	1,277,851
9	June	2,771,419	932,984	1,838,435	1,706,400	4,488,514	(2,782,114)	(943,679)
10	July	1,787,008	839,932	947,076	1,135,166	4,488,514	(3,353,348)	(2,406,272)
11	August	1,593,186	841,957	751,229	1,047,461	4,488,514	(3,441,053)	(2,689,823)
12	September	1,716,588	1,132,150	584,438	1,115,462	4,488,514	(3,373,052)	(2,788,613)
13	Total	107,703,437	107,704,715	(1,279)	62,602,046	62,602,665	(619)	(1,897)

1\_/\_ Refer to Exhibit 1-B, Schedule No. 1.



Columbia Gas of Pennsylvania, Inc.  
Capacity Assignment Factor  
Assignment of FT Only

Purchased Gas Demand Charge (PGDC) Paid By the CHOICE Customer  
Rates Based on Projected Costs For 12 Months Ending September, 2016

\$62,602,665	1. Projected Demand Costs Oct. 2015 through Sept. 2016 (Exh. 1-B, Sch. 1 from Oct. 2014 PGC)
(604,182)	1a. Less Purchased Gas Demand Costs Recovered Under Rate SS (Exhibit 1-A, Schedule 1, Sheet 2)
0	1b. Less Purchased Gas Demand Allocated to Rates LTS, STS, SGS-TS, and MLS
(6,509,238)	1c. Experienced Demand Net Over Collection (Exhibit No. 1-E)
<u>\$55,489,245</u>	2. Total Adjusted Demand Costs per 1307(f) Filing (1) + (1a) + (1b) + (1c)
\$126.06 per Dth	3. Unit FT Demand Charge Per Dth of Gulf/TCO capacity the marketer would pay Gulf and TCO. (Exhibit 1-A, Schedule 3, Sheet 2)
47,592 MMDth	4. Projected Sales & Choice Requirements for 12 billing periods of October, 2015 through September, 2016
47,830 MMDth	5. Projected Sales & Choice Requirements 12 months ended September 2016, including Unaccounted For @ 0.5%
21,755 MMDth	6. Annual Injections and Withdrawals, Normal Weather
1 Dth	7a. Quantity Delivered to the Customer
<u>0.5%</u>	7b. Unaccounted-for & Co. Use Factor from Volume Balancing System
1.0050 Dth	7c. Quantity Delivered to the City Gate. (7a)/(1-7b)
\$1.1659 per Dth	8. Unit Demand Charge: (2) / (4)
(\$0.1208) per Dth	9. OSS and Capacity Release Credit
0.0028 Dth	10. Average Daily FT Delivery: (7c) / 365 days
\$0.3530 per Dth	11. Annual Demand Charge for the Assigned FT Capacity payable to the pipeline(s): (3) X (10)
\$0.8129 per Dth	12. Annual Demand Charge for other capacity that CPA retains (8) - (11)
0.4571 Dth	13. Quantity Injected and Withdrawn to Deliver 1 Dth to the Customer: (6) / (4)
\$0.0070	14a. Injection Charge @ \$0.0153/Dth
\$0.0017	14b. FSS Shrinkage @ 0.13 percent for gas at \$2.8028/Dth
\$0.0070	14c. Withdrawal Charge @ \$0.0153/Dth
\$0.0089	14d. SST Commodity Charge @ \$0.0194/Dth
<u>\$0.0241</u>	14e. SST retention @ 1.885% for gas at \$2.8028/Dth
<u>\$0.0487</u> per Dth	14f. Total Annual Variable Storage Costs
\$0.3530 per Dth	15. Credit to Purchased Gas Demand Charge for the CHOICE Customer:
(0.0487) per Dth	15a. For Demand Cost Paid to Pipelines: = (11)
<u>\$0.3043</u> per Dth	15b. Less Storage Costs: = (14f)
<u>\$0.03043</u> per Therm	15c. Net Credit: (15a) + (15b)
	15d. Per Therm: (15c)/10 - Capacity Assignment Factor
<u>\$0.7408</u> per Dth	16. Purchased Gas Demand Charge Paid By the CHOICE Customer: (8)+(9) - (15c)
<u>\$0.07408</u> per Therm	17. Per Therm: (16)/10

Columbia Gas of Pennsylvania, Inc. (CPA)  
CPA Capacity Assignment (PCA): Assignment of FT Capacity Only  
CPA Capacity on TCO and Gulf. Cost of the Capacity Allocated to Marketers.

	<u>TCO</u> FT Capacity	<u>CGT</u> FTS-1 Capacity	<u>Total:</u> TCO and Gulf
<u>1 CPA FT Capacity on TCO and Columbia Gulf</u>			
2 CPA Contract: Dth/d	127,373	43,632	
<u>3 Projected Demand Costs</u>			
4. Annual Demand Cost 1/	\$9,371,088	\$2,247,060	
4a. Monthly Billing Determinants	127,373	43,632	
4b. Annual Demand Charge (4/ 4a)	\$73.57	\$51.50	
4c. Monthly Demand Charge (4b / number of months)	\$6.131	\$4.292	
<u>Transportation Pilot: Allocation Capacity and Costs.</u>			
5. Capacity Allocation:	1.0000	1.0192 2/	
6. Number of Months	12	12	
7. Unit Annual Cost of City Gate Capacity: (4c) x (5) x (6) \$/Dth	\$73.57	\$52.49	<u><u>\$126.06</u></u>

Notes:

1/ Projected demand costs for the period 12 months ended September, 2016.

2/  $1.020 \text{ Dth/day} = 1.000 / (1 - \text{retention}) = 1.000 / (1 - 0.01885)$

Retention Factor on TCO FTS 1.885%

COLUMBIA GAS OF PENNSYLVANIA, INC.

Summary of Total Estimated Purchased Gas Costs  
For the Period October 2015 Through September 2016

Line No.	Description	2015			2016									Total
		October	November	December	January	February	March	April	May	June	July	August	September	
1	Total Quantity													
2	DTH	1,532,000	3,780,000	6,266,000	7,506,000	6,824,000	5,084,000	2,289,000	902,000	296,000	268,000	232,000	340,000	35,319,000
3	Total Demand Costs	5,863,906	5,922,063	5,971,403	5,971,403	5,971,403	5,971,403	4,488,514	4,488,514	4,488,514	4,488,514	4,488,514	4,488,514	62,602,665
4	Total Commodity Costs	<u>3,974,655</u>	<u>11,555,433</u>	<u>19,177,272</u>	<u>23,403,029</u>	<u>21,155,448</u>	<u>15,767,428</u>	<u>6,321,180</u>	<u>2,603,248</u>	<u>932,984</u>	<u>839,932</u>	<u>841,957</u>	<u>1,132,150</u>	<u>107,704,715</u>
5	Total Estimated Gas Costs (Line 5 = Line 3 + Line 4)	<u><u>9,838,561</u></u>	<u><u>17,477,496</u></u>	<u><u>25,148,675</u></u>	<u><u>29,374,432</u></u>	<u><u>27,126,851</u></u>	<u><u>21,738,831</u></u>	<u><u>10,809,694</u></u>	<u><u>7,091,762</u></u>	<u><u>5,421,498</u></u>	<u><u>5,328,446</u></u>	<u><u>5,330,471</u></u>	<u><u>5,620,664</u></u>	<u><u>170,307,380</u></u>

COLUMBIA GAS OF PENNSYLVANIA, INC.

Summary of Total Estimated Purchased Gas Costs  
Demand Costs

Line No.	Description	2015			2016									Total
		October	November	December	January	February	March	April	May	June	July	August	September	
		\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$
1	Columbia Gas Transmission	4,919,957	4,919,957	4,919,957	4,919,957	4,919,957	4,919,957	3,558,238	3,558,238	3,558,238	3,558,238	3,558,238	3,558,238	50,869,170
2	Columbia Gulf Transmission	187,255	187,255	187,255	187,255	187,255	187,255	187,255	187,255	187,255	187,255	187,255	187,255	2,247,060
3	Texas Eastern Transmission	237,612	237,612	286,952	286,952	286,952	286,952	237,612	237,612	237,612	237,612	237,612	237,612	3,048,704
4	Dominion Transmission	166,253	201,416	201,416	201,416	201,416	201,416	165,264	165,264	165,264	165,264	165,264	165,264	2,164,917
5	Tennessee Gas	355,330	344,713	344,713	344,713	344,713	344,713	344,713	344,713	344,713	344,713	344,713	344,713	4,147,173
6	National Fuel Gas	16,271	16,271	16,271	16,271	16,271	16,271	16,271	16,271	16,271	16,271	16,271	16,271	195,252
7	Equitrans	6,228	39,839	39,839	39,839	39,839	39,839	4,161	4,161	4,161	4,161	4,161	4,161	230,389
8	LT-FTS Contract Demand	0	0	0	0	0	0	0	0	0	0	0	0	0
9	Less Elective Balancing Svc. Credit	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	300,000
10	Total Demand Cost	<u>5,863,906</u>	<u>5,922,063</u>	<u>5,971,403</u>	<u>5,971,403</u>	<u>5,971,403</u>	<u>5,971,403</u>	<u>4,488,514</u>	<u>4,488,514</u>	<u>4,488,514</u>	<u>4,488,514</u>	<u>4,488,514</u>	<u>4,488,514</u>	<u>62,602,665</u>

COLUMBIA GAS OF PENNSYLVANIA, INC.

Summary of Total Estimated Purchased Gas Costs  
Commodity Costs

Line No.	Description	2015			2016									Total
		October	November	December	January	February	March	April	May	June	July	August	September	
		\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$
1	Term	2,219,122	1,897,682	6,345,375	7,821,285	7,308,041	1,900,312	2,140,216	2,535,211	2,626,165	2,759,151	2,767,190	2,598,226	42,917,976
2	Spot	4,299,862	810,811	1,804,594	338,892	317,478	1,530,836	10,438,434	9,242,381	7,252,248	7,077,075	7,000,734	6,638,248	56,751,593
3	Local	55,286	53,655	59,224	61,688	56,140	61,028	54,810	57,398	55,440	58,916	59,158	56,385	689,128
4	Propane	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Storage	(2,599,615)	8,793,285	10,968,079	15,181,164	13,473,789	12,275,252	(6,312,280)	(9,231,742)	(9,000,869)	(9,055,210)	(8,985,125)	(8,160,709)	7,346,018
6	Financial Hedges	0	0	0	0	0	0	0	0	0	0	0	0	0
7	Less LT-FTS Contract Demand	0	0	0	0	0	0	0	0	0	0	0	0	0
8	Total Commodity Cost	<u>3,974,655</u>	<u>11,555,433</u>	<u>19,177,272</u>	<u>23,403,029</u>	<u>21,155,448</u>	<u>15,767,428</u>	<u>6,321,180</u>	<u>2,603,248</u>	<u>932,984</u>	<u>839,932</u>	<u>841,957</u>	<u>1,132,150</u>	<u>107,704,715</u>

COLUMBIA GAS OF PENNSYLVANIA, INC.

Summary of Total Estimated Purchased Gas Costs  
Commodity Quantities

Line No.	Description	2015			2016									Total
		October	November	December	January	February	March	April	May	June	July	August	September	
	<u>Term</u>													
1	Total-DTH	783,000	670,000	2,142,000	2,573,000	2,438,000	628,000	721,000	843,000	861,000	895,000	895,000	843,000	14,292,000
	<u>Spot</u>													
2	Total-DTH	1,797,000	290,000	666,000	155,000	145,000	554,000	3,915,000	3,456,000	2,694,000	2,593,000	2,558,000	2,434,000	21,257,000
	<u>Local</u>													
3	Total-DTH	22,000	21,000	22,000	22,000	20,000	22,000	21,000	22,000	21,000	22,000	22,000	21,000	258,000
	<u>Propane</u>													
4	Total-DTH	0	0	0	0	0	0	0	0	0	0	0	0	0
	<u>Storage</u>													
5	Total-DTH	(1,070,000)	2,799,000	3,436,000	4,756,000	4,221,000	3,880,000	(2,368,000)	(3,419,000)	(3,280,000)	(3,242,000)	(3,243,000)	(2,958,000)	(488,000)
	<u>Total - All Sources</u>													
6	Total-DTH	<u>1,532,000</u>	<u>3,780,000</u>	<u>6,266,000</u>	<u>7,506,000</u>	<u>6,824,000</u>	<u>5,084,000</u>	<u>2,289,000</u>	<u>902,000</u>	<u>296,000</u>	<u>268,000</u>	<u>232,000</u>	<u>340,000</u>	<u>35,319,000</u>

COLUMBIA GAS OF PENNSYLVANIA, INC.

Summary of Total Estimated Purchased Gas Demand Costs  
Columbia Gas Transmission Corporation

Line No.	Description	2015			2016									Total
		October	November	December	January	February	March	April	May	June	July	August	September	
		\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$
<u>Columbia Gas Transmission</u>														
<u>FTS</u>														
1	Billing Determinant-Dth	132,588	132,588	132,588	132,588	132,588	132,588	132,588	132,588	132,588	132,588	132,588	132,588	132,588
2	Less Capacity Release (1)	5,215	5,215	5,215	5,215	5,215	5,215	5,215	5,215	5,215	5,215	5,215	5,215	5,215
3	Net Billing Determinant - Dth	127,373	127,373	127,373	127,373	127,373	127,373	127,373	127,373	127,373	127,373	127,373	127,373	127,373
4	Demand Rate	6.1310	6.1310	6.1310	6.1310	6.1310	6.1310	6.1310	6.1310	6.1310	6.1310	6.1310	6.1310	6.1310
5	Demand Cost	780,924	780,924	780,924	780,924	780,924	780,924	780,924	780,924	780,924	780,924	780,924	780,924	9,371,088
<u>FSS-Reservation</u>														
6	Billing Determinant-Dth	456,876	456,876	456,876	456,876	456,876	456,876	456,876	456,876	456,876	456,876	456,876	456,876	456,876
7	Demand Rate	1.5010	1.5010	1.5010	1.5010	1.5010	1.5010	1.5010	1.5010	1.5010	1.5010	1.5010	1.5010	1.5010
8	Demand Cost	685,771	685,771	685,771	685,771	685,771	685,771	685,771	685,771	685,771	685,771	685,771	685,771	8,229,252
<u>FSS-Capacity</u>														
9	Total-DTH	25,341,126	25,341,126	25,341,126	25,341,126	25,341,126	25,341,126	25,341,126	25,341,126	25,341,126	25,341,126	25,341,126	25,341,126	25,341,126
10	Demand Rate	0.0288	0.0288	0.0288	0.0288	0.0288	0.0288	0.0288	0.0288	0.0288	0.0288	0.0288	0.0288	0.0288
11	Demand Cost	729,824	729,824	729,824	729,824	729,824	729,824	729,824	729,824	729,824	729,824	729,824	729,824	8,757,888
<u>SST</u>														
12	Billing Determinant-Dth	456,876	456,876	456,876	456,876	456,876	456,876	228,438	228,438	228,438	228,438	228,438	228,438	228,438
13	Demand Rate	5.9610	5.9610	5.9610	5.9610	5.9610	5.9610	5.9610	5.9610	5.9610	5.9610	5.9610	5.9610	5.9610
14	Demand Cost	2,723,438	2,723,438	2,723,438	2,723,438	2,723,438	2,723,438	1,361,719	1,361,719	1,361,719	1,361,719	1,361,719	1,361,719	24,510,942
15	Total TCO Demand Cost	4,919,957	4,919,957	4,919,957	4,919,957	4,919,957	4,919,957	3,558,238	3,558,238	3,558,238	3,558,238	3,558,238	3,558,238	50,869,170

(1) Columbia has included in the application period a projection for the release of 5,215 Dth of capacity to be released at the applicable maximum rate to a large industrial customer on Columbia's system and not subject to recall.

COLUMBIA GAS OF PENNSYLVANIA, INC.

Summary of Total Estimated Purchased Gas Demand Costs  
Columbia Gulf Transmission Company

Line No.	Description	2015			2016									Total
		October	November	December	January	February	March	April	May	June	July	August	September	
		\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$
	<u>Columbia Gulf Transmission</u>													
	<u>FTS-1</u>													
1	Billing Determinant-Dth	43,632	43,632	43,632	43,632	43,632	43,632	43,632	43,632	43,632	43,632	43,632	43,632	
2	Demand Rate	4.2917	4.2917	4.2917	4.2917	4.2917	4.2917	4.2917	4.2917	4.2917	4.2917	4.2917	4.2917	
3	Demand Cost	187,255	187,255	187,255	187,255	187,255	187,255	187,255	187,255	187,255	187,255	187,255	187,255	2,247,060
4	Total Columbia Gulf Demand Cost	187,255	187,255	187,255	187,255	187,255	187,255	187,255	187,255	187,255	187,255	187,255	187,255	2,247,060



COLUMBIA GAS OF PENNSYLVANIA, INC.

Summary of Total Estimated Purchased Gas Demand Costs  
Texas Eastern Transmission Corporation

Line No.	Description	2015			2016									Total
		October	November	December	January	February	March	April	May	June	July	August	September	
		\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$
<u>FT1-TCO Delmont</u>														
1	Billing Determinant-Dth	3,082	3,082	3,082	3,082	3,082	3,082	3,082	3,082	3,082	3,082	3,082	3,082	
2	Demand Rate	9.1250	9.1250	9.1250	9.1250	9.1250	9.1250	9.1250	9.1250	9.1250	9.1250	9.1250	9.1250	
3	Demand Cost	28,123	28,123	28,123	28,123	28,123	28,123	28,123	28,123	28,123	28,123	28,123	28,123	337,476
<u>FT1-Uniontown</u>														
4	Billing Determinant-Dth	11,753	11,753	11,753	11,753	11,753	11,753	11,753	11,753	11,753	11,753	11,753	11,753	
5	Demand Rate	9.1250	9.1250	9.1250	9.1250	9.1250	9.1250	9.1250	9.1250	9.1250	9.1250	9.1250	9.1250	
6	Demand Cost	107,246	107,246	107,246	107,246	107,246	107,246	107,246	107,246	107,246	107,246	107,246	107,246	1,286,952
<u>CDS - Eagle/Rockwood</u>														
7	Billing Determinant-Dth	2,342	2,342	2,342	2,342	2,342	2,342	2,342	2,342	2,342	2,342	2,342	2,342	
8	Demand Rate	15.0013	15.0013	15.0013	15.0013	15.0013	15.0013	15.0013	15.0013	15.0013	15.0013	15.0013	15.0013	
9	Demand Cost	35,133	35,133	35,133	35,133	35,133	35,133	35,133	35,133	35,133	35,133	35,133	35,133	421,596
<u>CDS - Rockwood</u>														
10	Billing Determinant-Dth	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	
11	Demand Rate	12.9477	12.9477	12.9477	12.9477	12.9477	12.9477	12.9477	12.9477	12.9477	12.9477	12.9477	12.9477	
12	Demand Cost	64,739	64,739	64,739	64,739	64,739	64,739	64,739	64,739	64,739	64,739	64,739	64,739	776,868
<u>CDS - Chambersburg</u>														
13	Billing Determinant-Dth	158	158	158	158	158	158	158	158	158	158	158	158	
14	Demand Rate	15.0080	15.0080	15.0080	15.0080	15.0080	15.0080	15.0080	15.0080	15.0080	15.0080	15.0080	15.0080	
15	Demand Cost	2,371	2,371	2,371	2,371	2,371	2,371	2,371	2,371	2,371	2,371	2,371	2,371	28,452
<u>FT1-TCO @ Eagle Zone 3 Zone 3</u>														
16	Billing Determinant-Dth	0	0	10,000	10,000	10,000	10,000	0	0	0	0	0	0	
17	Demand Rate	0.0000	0.0000	4.9340	4.9340	4.9340	4.9340	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
18	Demand Cost	0	0	49,340	49,340	49,340	49,340	0	0	0	0	0	0	197,360
19	Total TETCO Demand Cost	237,612	237,612	286,952	286,952	286,952	286,952	237,612	237,612	237,612	237,612	237,612	237,612	3,048,704

COLUMBIA GAS OF PENNSYLVANIA, INC.

Summary of Total Estimated Purchased Gas Demand Costs  
Dominion Transmission

Line No.	Description	2015			2016									Total
		October	November	December	January	February	March	April	May	June	July	August	September	
		\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$
	<u>Dominion Transmission</u>													
	<u>GSS - Reservation</u>													
1	Billing Determinant-Dth	24,000	24,000	24,000	24,000	24,000	24,000	24,000	24,000	24,000	24,000	24,000	24,000	
2	Demand Rate	1.8625	1.8625	1.8625	1.8625	1.8625	1.8625	1.8625	1.8625	1.8625	1.8625	1.8625	1.8625	
3	Demand Cost	44,700	44,700	44,700	44,700	44,700	44,700	44,700	44,700	44,700	44,700	44,700	44,700	536,400
	<u>GSS - Capacity</u>													
4	Billing Determinant-Dth	1,871,176	1,871,176	1,871,176	1,871,176	1,871,176	1,871,176	1,871,176	1,871,176	1,871,176	1,871,176	1,871,176	1,871,176	
5	Demand Rate	0.0145	0.0145	0.0145	0.0145	0.0145	0.0145	0.0145	0.0145	0.0145	0.0145	0.0145	0.0145	
6	Demand Cost	27,132	27,132	27,132	27,132	27,132	27,132	27,132	27,132	27,132	27,132	27,132	27,132	325,584
	<u>FTNN</u>													
7	Billing Determinant-Dth	0	6,000	6,000	6,000	6,000	6,000	0	0	0	0	0	0	
8	Total-DTH	0.0000	4.1564	4.1564	4.1564	4.1564	4.1564	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
9	Demand Cost	0	24,938	24,938	24,938	24,938	24,938	0	0	0	0	0	0	124,690
	<u>FT</u>													
10	Billing Determinant-Dth	22,717	25,177	25,177	25,177	25,177	25,177	22,479	22,479	22,479	22,479	22,479	22,479	
11	Total-DTH	4.1564	4.1564	4.1564	4.1564	4.1564	4.1564	4.1564	4.1564	4.1564	4.1564	4.1564	4.1564	
12	Demand Cost	94,421	104,646	104,646	104,646	104,646	104,646	93,432	93,432	93,432	93,432	93,432	93,432	1,178,243
13	Total DTI Demand Cost	166,253	201,416	201,416	201,416	201,416	201,416	165,264	165,264	165,264	165,264	165,264	165,264	2,164,917

COLUMBIA GAS OF PENNSYLVANIA, INC.

Summary of Total Estimated Purchased Gas Demand Costs  
Tennessee Gas Pipeline Company

Line No.	Description	2015			2016									Total
		October	November	December	January	February	March	April	May	June	July	August	September	
		\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$
<u>Tennessee Gas FT-A (Direct) New Castle - 500 Line</u>														
1	Billing Determinant-Dth	7,600	7,600	7,600	7,600	7,600	7,600	7,600	7,600	7,600	7,600	7,600	7,600	
2	Demand Rate	15.3455	14.8863	14.8863	14.8863	14.8863	14.8863	14.8863	14.8863	14.8863	14.8863	14.8863	14.8863	
3	Demand Cost	116,626	113,136	113,136	113,136	113,136	113,136	113,136	113,136	113,136	113,136	113,136	113,136	1,361,122
<u>Tennessee Gas FT-A (Direct) New Castle - 800 Line</u>														
4	Billing Determinant-Dth	8,400	8,400	8,400	8,400	8,400	8,400	8,400	8,400	8,400	8,400	8,400	8,400	
5	Demand Rate	15.3455	14.8863	14.8863	14.8863	14.8863	14.8863	14.8863	14.8863	14.8863	14.8863	14.8863	14.8863	
6	Demand Cost	128,902	125,045	125,045	125,045	125,045	125,045	125,045	125,045	125,045	125,045	125,045	125,045	1,504,397
<u>Tennessee Gas FT-A (Direct) Pitt Teminal - 500 Line</u>														
7	Billing Determinant-Dth	7,600	7,600	7,600	7,600	7,600	7,600	7,600	7,600	7,600	7,600	7,600	7,600	
8	Demand Rate	5.4628	5.3001	5.3001	5.3001	5.3001	5.3001	5.3001	5.3001	5.3001	5.3001	5.3001	5.3001	
9	Demand Cost	41,517	40,281	40,281	40,281	40,281	40,281	40,281	40,281	40,281	40,281	40,281	40,281	484,608
<u>Tennessee Gas FT-A (Direct) TCO - 500 Line</u>														
10	Billing Determinant-Dth	12,500	12,500	12,500	12,500	12,500	12,500	12,500	12,500	12,500	12,500	12,500	12,500	
11	Demand Rate	5.4628	5.3001	5.3001	5.3001	5.3001	5.3001	5.3001	5.3001	5.3001	5.3001	5.3001	5.3001	
12	Total-DTH	68,285	66,251	66,251	66,251	66,251	66,251	66,251	66,251	66,251	66,251	66,251	66,251	797,046
13	Total Tennessee Gas Demand Cost	355,330	344,713	344,713	344,713	344,713	344,713	344,713	344,713	344,713	344,713	344,713	344,713	4,147,173

COLUMBIA GAS OF PENNSYLVANIA, INC.

Summary of Total Estimated Purchased Gas Demand Costs  
National Fuel Gas Supply

Line No.	Description	2015			2016									Total
		October	November	December	January	February	March	April	May	June	July	August	September	
		\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$
	<u>National</u>													
1	Billing Determinant-Dth	4,304	4,304	4,304	4,304	4,304	4,304	4,304	4,304	4,304	4,304	4,304	4,304	
2	Demand Rate	3.7805	3.7805	3.7805	3.7805	3.7805	3.7805	3.7805	3.7805	3.7805	3.7805	3.7805	3.7805	
3	Demand Cost	16,271	16,271	16,271	16,271	16,271	16,271	16,271	16,271	16,271	16,271	16,271	16,271	195,252
4	Total National Fuel Demand Cost	16,271	16,271	16,271	16,271	16,271	16,271	16,271	16,271	16,271	16,271	16,271	16,271	195,252

COLUMBIA GAS OF PENNSYLVANIA, INC.

Summary of Total Estimated Purchased Gas Demand Costs  
Equitrans

Line No.	Description	2015			2016									Total
		October	November	December	January	February	March	April	May	June	July	August	September	
		\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$
	<u>Equitrans FTS</u>													
1	Billing Determinant-Dth	1,121	6,509	6,509	6,509	6,509	6,509	749	749	749	749	749	749	
2	Demand Rate	5.5559	6.1206	6.1206	6.1206	6.1206	6.1206	5.5559	5.5559	5.5559	5.5559	5.5559	5.5559	
3	Demand Cost	6,228	39,839	39,839	39,839	39,839	39,839	4,161	4,161	4,161	4,161	4,161	4,161	230,389
4	Total Equitrans Demand Cost	6,228	39,839	39,839	39,839	39,839	39,839	4,161	4,161	4,161	4,161	4,161	4,161	230,389

COLUMBIA GAS OF PENNSYLVANIA, INC.

Summary of Total Estimated Purchased Gas Commodity Costs  
Term Contracts

Line No.	Description	2015			2016									Total
		October	November	December	January	February	March	April	May	June	July	August	September	
<u>TERM</u>														
<u>COLUMBIA GULF - TCO</u>														
1	Quantity - DTH	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Rate-\$/DTH	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
3	Cost-\$	0	0	0	0	0	0	0	0	0	0	0	0	0
<u>COLUMBIA TRANSMISSION</u>														
4	Quantity - DTH	0	0	514,000	1,022,000	1,309,000	0	0	0	0	0	0	0	2,845,000
5	Rate-\$/DTH	0.0000	0.0000	2.7631	2.8773	2.8803	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
6	Cost-\$	0	0	1,420,233	2,940,601	3,770,313	0	0	0	0	0	0	0	8,131,147
<u>TEXAS EASTERN</u>														
7	Quantity - DTH	703,000	705,000	691,000	691,000	646,000	721,000	683,000	704,000	677,000	699,000	699,000	678,000	8,297,000
8	Rate-\$/DTH	2.7806	2.8558	2.9764	3.0933	3.0964	3.0619	2.9497	2.9487	2.9810	3.0207	3.0322	3.0280	0.0000
9	Cost-\$	1,954,762	2,013,339	2,056,692	2,137,470	2,000,274	2,207,630	2,014,645	2,075,885	2,018,137	2,111,469	2,119,508	2,052,984	24,762,795
<u>TENNESSEE GAS PIPELINE</u>														
10	Quantity - DTH	0	0	1,111,000	1,111,000	684,000	0	0	0	0	0	0	0	2,906,000
11	Rate-\$/DTH	0.0000	0.0000	3.0994	3.2157	3.2188	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12	Cost-\$	0	0	3,443,433	3,572,643	2,201,659	0	0	0	0	0	0	0	9,217,735
<u>CAP</u>														
10	Quantity - DTH	243,000	235,000	243,000	235,000	220,000	235,000	228,000	235,000	228,000	235,000	235,000	228,000	2,800,000
11	Rate-\$/DTH	3.3045	3.3045	3.3045	3.3045	3.3045	3.3045	3.3045	3.3045	3.3045	3.3045	3.3045	3.3045	3.3045
12	Cost-\$	802,994	776,558	802,994	776,558	726,990	776,558	753,426	776,558	753,426	776,558	776,558	753,426	9,252,604
<u>LESS CAP BILLING</u>														
10	Quantity - DTH	(163,000)	(270,000)	(417,000)	(486,000)	(421,000)	(328,000)	(190,000)	(96,000)	(44,000)	(39,000)	(39,000)	(63,000)	(2,556,000)
11	Rate-\$/DTH	3.3045	3.3045	3.3045	3.3045	3.3045	3.3045	3.3045	3.3045	3.3045	3.3045	3.3045	3.3045	3.3045
12	Cost-\$	(538,634)	(892,215)	(1,377,977)	(1,605,987)	(1,391,195)	(1,083,876)	(627,855)	(317,232)	(145,398)	(128,876)	(128,876)	(208,184)	(8,446,305)
13	Total - DTH	783,000	670,000	2,142,000	2,573,000	2,438,000	628,000	721,000	843,000	861,000	895,000	895,000	843,000	14,292,000
14	Total Term Commodity													
15	Cost-\$	2,219,122	1,897,682	6,345,375	7,821,285	7,308,041	1,900,312	2,140,216	2,535,211	2,626,165	2,759,151	2,767,190	2,598,226	42,917,976

COLUMBIA GAS OF PENNSYLVANIA, INC.

Summary of Total Estimated Purchased Gas Commodity Costs  
Spot and Local Purchases

Line No.	Description	2015			2016									Total
		October	November	December	January	February	March	April	May	June	July	August	September	
	<u>SPOT</u>													
	<u>Base</u>													
1	Quantity - DTH	1,797,000	290,000	666,000	155,000	145,000	392,000	3,883,000	3,456,000	2,694,000	2,593,000	2,558,000	2,434,000	21,063,000
2	Rate-\$/DTH	2.3928	2.7959	2.7096	2.1864	2.1895	2.7795	2.6658	2.6743	2.6920	2.7293	2.7368	2.7273	
3	Cost-\$	4,299,862	810,811	1,804,594	338,892	317,478	1,089,564	10,351,301	9,242,381	7,252,248	7,077,075	7,000,734	6,638,248	56,223,188
	<u>Swing</u>													
4	Quantity - DTH	0	0	0	0	0	162,000	32,000	0	0	0	0	0	194,000
5	Rate-\$/DTH	0.0000	0.0000	0.0000	0.0000	0.0000	2.7239	2.7229	0.0000	0.0000	0.0000	0.0000	0.0000	
6	Cost-\$	0	0	0	0	0	441,272	87,133	0	0	0	0	0	528,405
7	Total - DTH	1,797,000	290,000	666,000	155,000	145,000	554,000	3,915,000	3,456,000	2,694,000	2,593,000	2,558,000	2,434,000	21,257,000
8	Total Spot													
9	Commodity Cost - \$	4,299,862	810,811	1,804,594	338,892	317,478	1,530,836	10,438,434	9,242,381	7,252,248	7,077,075	7,000,734	6,638,248	56,751,593
	<u>Local Direct</u>													
10	Quantity - DTH	22,000	21,000	22,000	22,000	20,000	22,000	21,000	22,000	21,000	22,000	22,000	21,000	258,000
11	Rate-\$/DTH	2.5130	2.5550	2.6920	2.8040	2.8070	2.7740	2.6100	2.6090	2.6400	2.6780	2.6890	2.6850	
12	Cost-\$	55,286	53,655	59,224	61,688	56,140	61,028	54,810	57,398	55,440	58,916	59,158	56,385	689,128
13	Total - DTH	22,000	21,000	22,000	22,000	20,000	22,000	21,000	22,000	21,000	22,000	22,000	21,000	258,000
14	Total Local													
15	Commodity Cost - \$	55,286	53,655	59,224	61,688	56,140	61,028	54,810	57,398	55,440	58,916	59,158	56,385	689,128

COLUMBIA GAS OF PENNSYLVANIA, INC.

Summary of Total Estimated Purchased Gas Commodity Costs  
Propane Purchases

Line No.	Description	2015			2016									Total
		October	November	December	January	February	March	April	May	June	July	August	September	
	<u>PROPANE</u>													
1	Quantity - DTH	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Rate-\$/Dth	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
3	Cost-\$	0	0	0	0	0	0	0	0	0	0	0	0	0
4	Total Propane													
5	Commodity Cost \$	0	0	0	0	0	0	0	0	0	0	0	0	0



COLUMBIA GAS OF PENNSYLVANIA, INC.

Summary of Total Estimated Purchased Gas Commodity Costs

Storage

Line No.	Description	2015			2016									Total
		October	November	December	January	February	March	April	May	June	July	August	September	
<u>DOMINION TRANSMISSION - GSS</u>														
1	Injections - DTH	(293,000)	0	0	0	0	0	(286,000)	(211,000)	(211,000)	(211,000)	(211,000)	(211,000)	(1,634,000)
2	Injection Rate - \$/Dth	2.5266	2.8156	2.9008	2.9898	2.9511	2.9005	2.7128	2.7389	2.7779	2.8191	2.8279	2.8177	
3	Withdrawals - DTH	0	106,000	380,000	528,000	317,000	148,000	75,000	0	0	0	0	0	1,554,000
4	Withdrawal Rate - \$/Dth	3.0773	3.0773	3.0773	3.0773	3.0773	3.0764	2.9818	2.9121	2.8822	2.8707	2.8641	2.8584	
5	Cost-\$	(740,294)	326,194	1,169,374	1,624,814	975,504	455,307	(552,226)	(577,908)	(586,137)	(594,830)	(596,687)	(594,535)	308,576
6	Injection Rate \$/Dth	0.0318	0.0318	0.0318	0.0318	0.0318	0.0318	0.0318	0.0318	0.0318	0.0318	0.0318	0.0318	
7	Withdrawal Rate \$/Dth	0.0220	0.0220	0.0220	0.0220	0.0220	0.0220	0.0220	0.0220	0.0220	0.0220	0.0220	0.0220	
8	Cost - \$	9,317	2,332	8,360	11,616	6,974	3,256	10,745	6,710	6,710	6,710	6,710	6,710	86,150
<u>EQUITRANS - SS</u>														
9	Injections - DTH	(161,000)	0	0	0	0	0	(161,000)	(161,000)	(161,000)	(161,000)	(161,000)	(161,000)	(1,127,000)
10	Injection Rate - \$/Dth	2.5266	2.8156	2.9008	2.9898	2.9511	2.9005	2.7128	2.7389	2.7779	2.8191	2.8279	2.8177	
11	Withdrawals - DTH	0	75,000	375,000	375,000	300,000	0	0	0	0	0	0	0	1,125,000
12	Withdrawal Rate - \$/Dth	3.0773	3.0773	3.0773	3.0773	3.0773	3.0764	2.9818	2.9121	2.8822	2.8707	2.8641	2.8584	
13	Cost-\$	(406,783)	230,798	1,153,988	1,153,988	923,190	0	(436,761)	(440,963)	(447,242)	(453,875)	(455,292)	(453,650)	367,398
14	Inject/With. Rate \$/DTH	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
15	Cost - \$	0	0	0	0	0	0	0	0	0	0	0	0	0
<u>TCO - FSS</u>														
16	Injections - DTH	(887,000)	0	(11,000)	0	0	(56,000)	(2,060,000)	(3,474,000)	(3,472,000)	(3,474,000)	(3,474,000)	(3,130,000)	(20,038,000)
17	Injection Rate - \$/Dth	2.5266	2.8156	2.9008	2.9898	2.9511	2.9005	2.7128	2.7389	2.7779	2.8191	2.8279	2.8177	
18	Withdrawals - DTH	0	2,846,000	3,454,000	4,903,000	4,536,000	4,299,000	0	0	0	0	0	0	20,038,000
19	Withdrawal Rate - \$/Dth	3.0773	3.0773	3.0773	3.0773	3.0773	3.0764	2.9818	2.9121	2.8822	2.8707	2.8641	2.8584	
20	Cost-\$	(2,241,094)	8,757,996	10,597,085	15,088,002	13,958,633	13,063,016	(5,588,368)	(9,514,939)	(9,644,869)	(9,793,553)	(9,824,125)	(8,819,401)	6,038,383
21	Inject/With. Rate \$/DTH	0.0153	0.0153	0.0153	0.0153	0.0153	0.0153	0.0153	0.0153	0.0153	0.0153	0.0153	0.0153	
22	Cost - \$	13,571	43,544	53,015	75,016	69,401	66,632	31,518	53,152	53,122	53,152	53,152	47,889	613,164
23	Quantity - DTH	(1,341,000)	3,027,000	4,198,000	5,806,000	5,153,000	4,391,000	(2,432,000)	(3,846,000)	(3,844,000)	(3,846,000)	(3,846,000)	(3,502,000)	(82,000)
24	Total Purchase Cost	(3,388,171)	9,314,988	12,920,447	17,866,804	15,857,327	13,518,323	(6,577,355)	(10,533,810)	(10,678,248)	(10,842,258)	(10,876,104)	(9,867,586)	6,714,357
25	Total Inject/With. Cost	22,888	45,876	61,375	86,632	76,375	69,888	42,263	59,862	59,832	59,862	59,862	54,599	699,314

COLUMBIA GAS OF PENNSYLVANIA, INC.

Summary of Total Estimated Purchased Gas Commodity Costs  
Storage Transportation Charges

Line No.	Description	2015			2016									Total
		October	November	December	January	February	March	April	May	June	July	August	September	
<u>TCO - SST</u>														
1	Injections - DTH	(887,000)	0	(11,000)	0	0	(56,000)	(2,060,000)	(3,474,000)	(3,472,000)	(3,474,000)	(3,474,000)	(3,130,000)	(20,038,000)
2	Withdrawals - DTH	0	2,846,000	3,454,000	4,903,000	4,536,000	4,299,000	0	0	0	0	0	0	20,038,000
3	Trans. Chrg. \$/Dth	0.0196	0.0194	0.0194	0.0194	0.0194	0.0194	0.0196	0.0196	0.0196	0.0196	0.0196	0.0196	
4	Cost-\$	17,385	55,212	67,221	95,118	87,998	84,487	40,376	68,090	68,051	68,090	68,090	61,348	781,466
<u>DOMINION TRANSMISSION - GSS</u>														
5	Injections - DTH	(293,000)	0	0	0	0	0	(286,000)	(211,000)	(211,000)	(211,000)	(211,000)	(211,000)	(1,634,000)
6	Withdrawals - DTH	0	106,000	380,000	528,000	317,000	148,000	75,000	0	0	0	0	0	1,554,000
7	Rate-\$/DTH	0.0196	0.0182	0.0182	0.0182	0.0182	0.0182	0.0196	0.0196	0.0196	0.0196	0.0196	0.0196	
8	Cost-\$	5,743	1,929	6,916	9,610	5,769	2,694	7,076	4,136	4,136	4,136	4,136	4,136	60,417
<u>EQUITRANS - SS</u>														
9	Injections - DTH	(161,000)	0	0	0	0	0	(161,000)	(161,000)	(161,000)	(161,000)	(161,000)	(161,000)	(1,127,000)
10	Withdrawals - DTH	0	75,000	375,000	375,000	300,000	0	0	0	0	0	0	0	1,125,000
11	Rate-\$/DTH	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
12	Cost-\$	0	0	0	0	0	0	0	0	0	0	0	0	0
13	Total Storage - DTH	(1,341,000)	3,027,000	4,198,000	5,806,000	5,153,000	4,391,000	(2,432,000)	(3,846,000)	(3,844,000)	(3,846,000)	(3,846,000)	(3,502,000)	(82,000)
14	Total EUB - DTH	271,000	(228,000)	(762,000)	(1,050,000)	(932,000)	(511,000)	64,000	427,000	564,000	604,000	603,000	544,000	(406,000)
15	Total DTH	(1,070,000)	2,799,000	3,436,000	4,756,000	4,221,000	3,880,000	(2,368,000)	(3,419,000)	(3,280,000)	(3,242,000)	(3,243,000)	(2,958,000)	(488,000)
16	Total Purchase Cost	(3,388,171)	9,314,988	12,920,447	17,866,804	15,857,327	13,518,323	(6,577,355)	(10,533,810)	(10,678,248)	(10,842,258)	(10,876,104)	(9,867,586)	6,714,357
17	Total Choice Bank Cost	742,540	(624,720)	(2,087,880)	(2,877,000)	(2,553,680)	(1,400,140)	175,360	1,169,980	1,545,360	1,654,960	1,758,891	1,586,794	(909,536)
18	Total Inject/With. Cost	22,888	45,876	61,375	86,632	76,375	69,888	42,263	59,862	59,832	59,862	59,862	54,599	699,314
19	Total Transp. Charge	23,128	57,141	74,137	104,728	93,767	87,181	47,452	72,226	72,187	72,226	72,226	65,484	841,883
20	Total Storage Cost	(2,599,615)	8,793,285	10,968,079	15,181,164	13,473,789	12,275,252	(6,312,280)	(9,231,742)	(9,000,869)	(9,055,210)	(8,985,125)	(8,160,709)	7,346,018

COLUMBIA GAS OF PENNSYLVANIA, INC.  
STATEMENT OF EXPERIENCED NET OVER (UNDER) COLLECTION

<u>Line No.</u>	<u>Description</u>	<u>Total Demand</u> \$	<u>Total Commodity</u> \$	<u>Total Amount</u> \$
1	Remaining Balance - Over (Under) Collection from 2014 - 1307(f)			
2	(See Schedule 2a and 2b herein)	(817,913)	(260,042)	(1,077,955)
3	Unified Credit for Off-system Sales and Capacity Release for the			
4	period October, 2014 through September, 2015			
5	(See Schedule 3a and 3b herein)	1,072,118	1,543,096	2,615,214
6	Over (Under) Collection for the period October, 2014 through			
7	September 2015 (See Schedule 4 herein)	5,381,588	22,117,584	27,499,172
8	Interest on Over (Under) Collection for the period October, 2014 through			
9	September, 2015 (See Schedule 4 herein)	873,445	1,152,169	2,025,614
12	Supplier Refunds and Interest received on Supplier Refunds			
13	between September, 2014 and September, 2015			
14	(See Schedule 5 herein)	<u>0</u>	<u>0</u>	<u>0</u>
15	TOTAL EXPERIENCED NET OVER (UNDER) COLLECTION	<u>6,509,238</u>	<u>24,552,807</u>	<u>31,062,045</u>

COLUMBIA GAS OF PENNSYLVANIA, INC.

RECONCILIATION OF COMMODITY COST OF GAS  
FROM 2014 - 1307(f)

COMMODITY

Line No.	Month	Sales Subject to Commodity		Amount Recovered	Net Commodity Over (Under) Collection
		E-Factor	Rate		
		Therm	\$/Therm	\$	\$
1	True-up of Net Commodity Costs Included in 2014 1307(f):				1,075,577
2	Beginning Balance Adjustment				41,757 2/
3	Beginning Balance Adjustment				(868) 3/
4	October, 2014	4,599,210	(0.00494)	(22,720)	
5		5,104,880	0.00252	12,864	
6	November	23,348,960	(0.00494)	(115,344)	
7		220,150	0.00252	555	
8	December	52,063,270	(0.00494)	(257,193)	
9		9,150	0.00252	23	
10	January, 2015 1_/	36,341,730	(0.00321)	(116,657)	
11		30,789,280	(0.00494)	(152,099)	
12	February	72,545,340	(0.00321)	(232,871)	
13		745,130	(0.00494)	(3,681)	
14	March	71,574,170	(0.00321)	(229,753)	
15		22,350	(0.00494)	(110)	
16	April	38,539,130	(0.00321)	(123,711)	
17	May	15,876,200	(0.00321)	(50,963)	
18	June	8,215,450	(0.00321)	(26,372)	
19	July	6,570,070	(0.00321)	(21,090)	
20	August	5,936,090	(0.00321)	(19,055)	
21	September Est.	5,710,569	(0.00321)	(18,331)	
22	Amount Collected/(Passed Back) during 2014 1307(f) Period				<u>(1,376,508)</u>
23	Amount to be Collected in the 2015 1307(f)				<u>(260,042)</u>

1\_/ Rate in effect January 1, 2015.

2\_/ Adjustment to true-up the actual unified sharing mechanism for period ending September 2014 - \$69,593 (60% Commodity).

3/ Adjustment reflects the over-refunded position of the Tennessee Gas Pipeline rate refund (Docket No. P-2012-2314912). Due to the remaining balance being under \$20K, it is being included in the commodity e-factor for recovery. This represents true-up of September estimate included in original beginning balance of \$13,030 to actual \$13,898.

COLUMBIA GAS OF PENNSYLVANIA, INC.

Exhibit 1-E  
Schedule 2b

RECONCILIATION OF DEMAND COST OF GAS  
FROM 2014 - 1307(f)

DEMAND

Line No.	Month	Sales Subject to Demand E-Factor Therm	Rate \$/Therm	Amount \$	Net Demand Over (Under) Collection \$
1	True-up of Net Demand Costs Included in 2014 1307(f):				11,478,517
2	Beginning Balance Adjustment				27,837 2/
3	Beginning Balance Adjustment				(450) 3/
4	Beginning Balance Adjustment				(8,929) 4/
5	October, 2014	6,079,500	(0.02355)	(143,172)	
6		6,877,900	(0.01784)	(122,702)	
7	November	32,133,330	(0.02355)	(756,741)	
8		(49,880)	(0.01784)	890	
9	December	70,304,800	(0.02355)	(1,655,678)	
10	January, 2015 1_/	48,671,940	(0.02454)	(1,194,409)	
11		42,260,860	(0.02355)	(995,243)	
12	February	98,989,940	(0.02454)	(2,429,213)	
13		(57,190)	(0.02355)	1,347	
14	March	96,361,330	(0.02454)	(2,364,707)	
15	April	51,808,380	(0.02454)	(1,271,378)	
16	May	21,320,670	(0.02454)	(523,209)	
17	June	10,854,830	(0.02454)	(266,378)	
18	July	8,501,380	(0.02454)	(208,624)	
19	August	7,632,010	(0.02454)	(187,290)	
20	September Est.	8,083,991	(0.02454)	(198,381)	
21	Amount Collected/(Passed Back) in the 2014 1307(f) Period				<u>(12,314,888)</u>
22	Amount to be Collected in the 2015 1307(f)				<u><u>(817,913)</u></u>

1\_/ Rate in effect January 1, 2015.

2/ Adjustment to true-up the actual unified sharing mechanism for period ending September 2014 - \$69,593 (40% Demand).

3/ Amount represents an exchange fee that was recorded in February 2014. It was not included in the total demand over/(under) collection in the January 2015 PGC filing and should have been.

4\_/ Correction for a Negotiated Sales Service customer that was being billed the correct rate of \$.0226 per therm but accounting was recording recoveries at a rate of \$.0697 per therm. Correction includes the period October 2012 - February 2015.

COLUMBIA GAS OF PENNSYLVANIA, INC.

RECONCILIATION OF OFF SYSTEM COMMODITY COST OF GAS  
FROM 2014 - 1307(f)

COMMODITY

Line No.	Month	Sales Subject to Off-System Sales	Rate	Amount	Net Commodity Over (Under) Collection
		Credit Therm	\$/Therm	\$	\$
1	October, 2014	4,497,090	(0.01052)	(47,309)	
2		4,770,940	(0.01033)	(49,284)	
3	November	22,739,090	(0.01052)	(239,215)	
4		97,230	(0.01033)	(1,004)	
5	December	50,877,240	(0.01052)	(535,229)	
6		7,980	(0.01033)	(82)	
7	January, 2015 1_/	65,784,780	(0.01052)	(692,056)	
8	February	71,874,670	(0.01052)	(756,122)	
9	March	70,134,070	(0.01052)	(737,810)	
10	April	37,420,400	(0.01052)	(393,663)	
11	May	15,188,570	(0.01052)	(159,784)	
12	June	7,740,340	(0.01052)	(81,428)	
13	July	6,144,090	(0.01052)	(64,636)	
14	August	5,471,530	(0.01052)	(57,560)	
15	September Est.	5,416,846	(0.01052)	(56,985)	
16	Amount Passed Back in the 2014 1307 (f)				<u>(3,872,168)</u>
17	Unified Sharing Mechanism - \$9,025,440 (60% Commodity)				5,415,264
18	Amount to be Passed Back in the 2015 1307(f)				<u><u>1,543,096</u></u>

1\_/ Rate in effect January 1, 2015.

COLUMBIA GAS OF PENNSYLVANIA, INC.

RECONCILIATION OF OFF SYSTEM DEMAND COST OF GAS  
FROM 2014 - 1307(f)

DEMAND

Line No.	Month	Sales Subject to Off-System Sales Credit Therm	Rate \$/Therm	Amount \$	Net Demand Over (Under) Collection \$
1	October, 2014	6,079,500	(0.00498)	(30,276)	
2		6,877,900	(0.00489)	(33,633)	
3	November	32,133,330	(0.00498)	(160,024)	
4		(49,880)	(0.00489)	244	
5	December	70,304,800	(0.00498)	(350,118)	
6	January, 2015 1_/	90,932,800	(0.00498)	(452,845)	
7	February	98,932,750	(0.00498)	(492,685)	
8	March	96,361,330	(0.00498)	(479,879)	
9	April	51,808,380	(0.00498)	(258,006)	
10	May	21,320,670	(0.00498)	(106,177)	
11	June	10,854,830	(0.00498)	(54,057)	
12	July	8,501,380	(0.00498)	(42,337)	
13	August	7,632,010	(0.00498)	(38,007)	
14	September Est.	8,083,991	(0.00498)	(40,258)	
15	Amount Passed Back in the 2014 1307(f)				<u>(2,538,058)</u>
16	Unified Sharing Mechanism - \$9,025,440 (40% Demand)				3,610,176
17	Amount to be Passed Back in the 2015 1307(f)				<u>1,072,118</u>

1\_/\_ Rate in effect January 1, 2015.

COLUMBIA GAS OF PENNSYLVANIA, INC.  
STATEMENT OF COMMODITY OVER/(UNDER) COLLECTIONS FROM GAS COST RATE  
OCTOBER, 2014 THROUGH SEPTEMBER, 2015

Line No.	Month	Total Commodity Sales Revenue (1) \$	Rate Schedule NSS Gas Cost Recovery (2) \$	Total Commodity Purchase Gas Cost Recovery (3 = 1 + 2) \$	Total Commodity Cost of Fuel (4) \$	Total Commodity Over/(Under) Collection (5 = 3 - 4) \$	Number of Months (6)	Rate (7)	Commodity Over/(Under) Collection Interest (8 = 5 x 6 x 7)	Total Commodity Over/(Under) Collection (9 = 5 + 8)
Reference:		Sch. 4, Pg. 2	Sch. 4, Pg. 3							
<i>Actuals through August 2015; Projections for September 2015</i>										
1	October, 2014	3,872,293	15,398	3,887,691	8,689,400	(4,801,709)	18 / 12	8.00%	(576,205)	(5,377,914)
2	November	9,977,447	22,928	10,000,375	22,223,017	(12,222,642)	17 / 12	8.00%	(1,385,233)	(13,607,875)
3	December	22,240,612	39,207	22,279,820	21,886,125	393,695	16 / 12	8.00%	41,994	435,689
4	January, 2015	29,216,189	35,751	29,251,940	30,535,634	(1,283,694)	15 / 12	8.00%	(128,369)	(1,412,063)
5	February	32,475,262	30,270	32,505,533	32,950,933	(445,400)	14 / 12	8.00%	(41,571)	(486,971)
6	March	31,631,941	23,340	31,655,281	12,977,219	18,678,062	13 / 12	8.00%	1,618,765	20,296,827
7	April	16,567,866	25,296	16,593,163	3,057,706	13,535,457	12 / 12	8.00%	1,082,837	14,618,294
8	May	6,424,980	12,421	6,437,401	1,844,831	4,592,570	11 / 12	8.00%	336,788	4,929,358
9	June	3,274,095	11,577	3,285,672	2,279,682	1,005,990	10 / 12	8.00%	67,066	1,073,056
10	July	2,611,795	6,702	2,618,497	2,394,059	224,438	9 / 12	8.00%	13,466	237,904
11	August	2,188,251	6,457	2,194,708	885,807	1,308,901	8 / 12	8.00%	69,808	1,378,709
12	September Est.	<u>2,194,124</u>	<u>0</u>	<u>2,194,124</u>	<u>1,062,207</u>	<u>1,131,917</u>	7 / 12	8.00%	<u>52,823</u>	<u>1,184,740</u>
13	TOTAL	<u><u>162,674,855</u></u>	<u><u>229,348</u></u>	<u><u>162,904,205</u></u>	<u><u>140,786,620</u></u>	<u><u>22,117,584</u></u>			<u><u>1,152,169</u></u>	<u><u>23,269,753</u></u>



COLUMBIA GAS OF PENNSYLVANIA, INC.  
STATEMENT OF DEMAND OVER/(UNDER) COLLECTIONS FROM GAS COST RATE  
OCTOBER, 2014 THROUGH SEPTEMBER, 2015

Line No.	Month	Total Demand Sales Revenue (1) \$	Total Banking and Balancing Revenue (2) \$	Total Standby Demand Revenue (3) \$	NSS Capacity Release Revenue (4) \$	Demand Purchased Gas Cost Recovery (5 = 1+2+3+4) \$	Demand Cost of Fuel (6) \$	Total Demand Over/(Under) Collection (7 = 5 - 6) \$	Number of Months (8)	Rate (9)	Demand Over/(Under) Collection Interest (10 = 7 x 8 x 9)	Total Demand Over/(Under) Collection (11 = 7 + 10)
	Reference:	Sch. 4, Pg. 4	Sch. 4, Pg. 6	Sch. 4, Pg. 5	Sch. 4, Pg. 6							
	<i>Actuals through August 2015; Projections for September 2015</i>											
1	October, 2014	1,660,446	268	40,402	814	1,701,931	5,524,571	(3,822,640)	18 / 12	8.00%	(458,717)	(4,281,357)
2	November	3,975,279	450	40,562	830	4,017,121	5,663,794	(1,646,673)	17 / 12	8.00%	(186,623)	(1,833,296)
3	December	8,715,808	659	40,562	1,656	8,758,685	5,289,598	3,469,087	16 / 12	8.00%	370,036	3,839,123
4	January, 2015	11,271,112	785	40,562	1,800	11,314,259	5,409,237	5,905,022	15 / 12	8.00%	590,502	6,495,524
5	February	12,255,712	774	40,344	1,643	12,298,473	5,544,182	6,754,291	14 / 12	8.00%	630,400	7,384,691
6	March	11,932,792	558	48,128	1,678	11,983,155	5,553,548	6,429,606	13 / 12	8.00%	557,233	6,986,839
7	April	6,359,396	(163)	47,324	1,336	6,407,892	4,061,999	2,345,893	12 / 12	8.00%	187,671	2,533,564
8	May	2,555,216	118	47,400	208	2,602,941	4,136,468	(1,533,527)	11 / 12	8.00%	(112,459)	(1,645,986)
9	June	1,303,053	104	47,400	42	1,350,599	4,250,522	(2,899,922)	10 / 12	8.00%	(193,328)	(3,093,250)
10	July	1,051,666	57	50,711	23	1,102,457	4,194,217	(3,091,759)	9 / 12	8.00%	(185,506)	(3,277,265)
11	August	973,624	52	49,920	21	1,023,617	4,193,617	(3,170,000)	8 / 12	8.00%	(169,067)	(3,339,067)
12	September Est.	<u>1,091,420</u>	<u>0</u>	<u>49,920</u>	<u>0</u>	<u>1,141,340</u>	<u>4,499,131</u>	<u>(3,357,791)</u>	7 / 12	8.00%	<u>(156,697)</u>	<u>(3,514,488)</u>
13	TOTAL	<u>63,145,523</u>	<u>3,661</u>	<u>543,235</u>	<u>10,051</u>	<u>63,702,471</u>	<u>58,320,883</u>	<u>5,381,588</u>			<u>873,445</u>	<u>6,255,033</u>

COLUMBIA GAS OF PENNSYLVANIA, INC.  
DETAIL OF COMMODITY GAS COST RECOVERY  
OCTOBER, 2014 THROUGH SEPTEMBER, 2015

LINE NO.	MONTH	SALES	COMMODITY	TOTAL
		SUBJECT TO COMMODITY COST OF GAS	COST OF GAS	COMMODITY COST RECOVERY
		(1)	(2)	(3 = 1 x 2)
		THERM	\$/THERM	\$
1	October, 2014 Est. Old	4,932,054	0.40060	1,975,781
2	October, 2014 Est. New	4,304,002	0.43691	1,880,462
3	September, 2014 Est.	(6,280,037)	0.40060	(2,515,783)
4	September, 2014 Act.	6,319,387	0.40060	2,531,546
5	September - Interruptible Less NSS Act.	0	0.39829	0
6	September Act. Prior Period Adjustments		0.00000	287
7	Total	9,275,406		3,872,293
8	November, 2014 Est.	22,886,776	0.43691	9,999,461
9	October, 2014 Est. Old	(4,932,054)	0.40060	(1,975,781)
10	October, 2014 Est. New	(4,304,002)	0.43691	(1,880,462)
11	October, 2014 Act. Old	4,903,864	0.40060	1,964,488
12	October, 2014 Act. New	4,279,402	0.43691	1,869,714
13	October - Interruptible Less NSS Act.	0	0.41288	0
14	October Act. Prior Period Adjustments		0.00000	26
15	Total	22,833,985		9,977,447
16	December, 2014 Est.	50,959,167	0.43691	22,264,570
17	November, 2014 Est.	(22,886,776)	0.43691	(9,999,461)
18	November, 2014 Act.	22,831,025	0.43691	9,975,103
19	November - Interruptible Less NSS Act.	370	0.46040	170
20	November Act. Prior Period Adjustments		-	230
21	Total	50,903,787		22,240,612
22	January, 2015 Est. Old	30,556,782	0.43691	13,350,564
23	January, 2015 Est. New	35,298,351	0.45061	15,905,790
24	December, 2014 Est.	(50,959,167)	0.43691	(22,264,570)
25	December, 2014 Act.	50,866,527	0.43691	22,224,094
26	December - Interruptible Less NSS Act.	0	0.67290	0
27	December Act. Prior Period Adjustments	0	-	311
28	Total	65,762,493		29,216,189

COLUMBIA GAS OF PENNSYLVANIA, INC.  
DETAIL OF COMMODITY GAS COST RECOVERY  
OCTOBER, 2014 THROUGH SEPTEMBER, 2015

LINE NO.	MONTH	SALES	COMMODITY	TOTAL
		SUBJECT TO	COST OF	COMMODITY
		COMMODITY	GAS	COST
		COST OF GAS		RECOVERY
		(1)	(2)	(3 = 1 x 2)
		THERM	\$/THERM	\$
1	February, 2015 Est.	71,897,699	0.45061	32,397,822
2	January, 2015 Est. Old	(30,556,782)	0.43691	(13,350,564)
3	January, 2015 Est. New	(35,298,351)	0.45061	(15,905,790)
4	January, 2015 Act. Old	30,516,191	0.43691	13,332,829
5	January, 2015 Act. New	35,251,462	0.45061	15,884,661
6	January - Interruptible Less NSS Act.	158,650	0.71910	114,085
7	January Act. Prior Period Adjustments		-	2,218
8	Total	<u>71,968,869</u>		<u>32,475,262</u>
9	March, 2015 Est.	70,063,686	0.45061	31,571,398
10	February, 2015 Est.	(71,897,699)	0.45061	(32,397,822)
11	February, 2015 Act.	71,923,499	0.45061	32,409,448
12	February - Interruptible Less NSS Act.	23,030	2.13850	49,250
13	February Act. Prior Period Adjustments		-	(332)
14	Total	<u>70,112,516</u>		<u>31,631,941</u>
15	April, 2015 Est. Old	26,403,569	0.45061	11,897,712
16	April, 2015 Est. New	10,784,556	0.42292	4,561,005
17	March, 2015 Est.	(70,063,686)	0.45061	(31,571,398)
18	March, 2015 Act.	70,296,676	0.45061	31,676,385
19	March - Interruptible Less NSS Act.	9,160	0.45370	4,156
20	March Act. Prior Period Adjustments		-	6
21	Total	<u>37,430,275</u>		<u>16,567,866</u>
22	May, 2015 Est.	15,213,181	0.42292	6,433,959
23	April, 2015 Est. Old	(26,403,569)	0.45061	(11,897,712)
24	April, 2015 Est. New	(10,784,556)	0.42292	(4,561,005)
25	April, 2015 Act. Old	26,392,883	0.45061	11,892,897
26	April, 2015 Act. New	10,780,192	0.42292	4,559,159
27	April - Interruptible Less NSS Act.	(9,160)	0.27834	(2,550)
28	April Act. Prior Period Adjustments	<u>0</u>	-	<u>232</u>
29	Total	<u>15,188,971</u>		<u>6,424,980</u>

COLUMBIA GAS OF PENNSYLVANIA, INC.  
DETAIL OF COMMODITY GAS COST RECOVERY  
OCTOBER, 2014 THROUGH SEPTEMBER, 2015

LINE NO.	MONTH	SALES	COMMODITY	TOTAL
		SUBJECT TO COMMODITY COST OF GAS	COST OF GAS	COMMODITY COST RECOVERY
		(1)	(2)	(3 = 1 x 2)
		THERM	\$/THERM	\$
1	June, 2015 Est.	7,770,216	0.42292	3,286,180
2	May, 2015 Est.	(15,213,181)	0.42292	(6,433,959)
3	May, 2015 Act.	15,183,511	0.42292	6,421,410
4	May - Interruptible Less NSS Act.	0	0.31281	0
5	May Act. Prior Period Adjustments	0	-	463
6	Total	7,740,546		3,274,095
7	July, 2015 Est. Old	3,290,005	0.42292	1,391,409
8	July, 2015 Est. New	2,976,671	0.37614	1,119,645
9	July, 2015 CAP	394,319	0.38302	151,032
10	June, 2015 Est.	(7,770,216)	0.42292	(3,286,180)
11	June, 2015 Act.	7,650,016	0.42292	3,235,345
12	June - Interruptible Less NSS Act.	580	0.30135	175
13	June Act. Prior Period Adjustments		-	369
14	Total	6,541,375		2,611,795
15	August, 2015 Est.	5,598,756	0.37614	2,105,916
16	August, 2015 CAP	347,700	0.38302	133,176
17	July, 2015 Est. Old	(3,290,005)	0.42292	(1,391,409)
18	July, 2015 Est. New	(2,976,671)	0.37614	(1,119,645)
19	July, 2015 Act. Old	3,223,209	0.42292	1,363,160
20	July, 2015 Act. New	2,916,237	0.37614	1,096,913
21	July - Interruptible Less NSS Act.	1,710	0.30430	520
22	July Act. Prior Period Adjustments		-	(381)
23	Total	5,820,936		2,188,251
24	September, 2015 Est.	5,416,846	0.37614	2,037,492
25	September, 2015 Est. CAP	408,938	0.38302	156,631
26	Total	5,825,784		2,194,124
27	TOTAL	369,404,943		162,674,855

COLUMBIA GAS OF PENNSYLVANIA, INC.  
DETAIL OF NSS COMMODITY COST RECOVERY  
OCTOBER, 2014 THROUGH SEPTEMBER, 2015

LINE NO.	MONTH	RATE SCHEDULE		NSS GAS COST RECOVERY (3=1*2) \$
		NSS VOLUMES (1) THERM	RATE (2) \$/THERM	
1	October, 2014 Est.	35,003	0.40043	14,016
2	September, 2014 Act.	24,490	0.39546	9,685
3	September, 2014 Est.	<u>(20,996)</u>	0.39546	<u>(8,303)</u>
4		38,497		15,398
5	November, 2014 Est.	60,001	0.35192	21,116
6	October, 2014 Act.	39,530	0.40043	15,829
7	October, 2014 Est.	<u>(35,003)</u>	0.40043	<u>(14,016)</u>
8		64,528		22,928
9	December, 2014 Est.	82,998	0.42346	35,146
10	November, 2014 Act.	71,540	0.35192	25,176
11	November, 2014 Est.	<u>(60,001)</u>	0.35192	<u>(21,116)</u>
12		94,537		39,207
13	January, 2015 Est.	100,004	0.30422	30,423
14	December, 2014 Act.	95,580	0.42346	40,474
15	December, 2014 Est.	<u>(82,998)</u>	0.42346	<u>(35,146)</u>
16		112,586		35,751
17	February, 2015 Est.	100,001	0.26931	26,931
18	January, 2015 Act.	110,980	0.30422	33,762
19	January, 2015 Est.	<u>(100,004)</u>	0.30422	<u>(30,423)</u>
20		110,977		30,270
21	March, 2015 Est.	80,000	0.29175	23,340
22	February, 2015 Act.	100,000	0.26931	26,931
23	February, 2015 Est.	<u>(100,001)</u>	0.26931	<u>(26,931)</u>
24		79,999		23,340
25	April, 2015 Est.	59,994	0.25407	15,243
26	March, 2015 Act.	114,460	0.29175	33,394
27	March, 2015 Est.	<u>(80,000)</u>	0.29175	<u>(23,340)</u>
28		94,454		25,296
29	May, 2015 Est.	34,999	0.23043	8,065
30	April, 2015 Act.	77,140	0.25407	19,599
31	April, 2015 Est.	<u>(59,994)</u>	0.25407	<u>(15,243)</u>
32		52,145		12,421
33	June, 2015 Est.	25,003	0.27095	6,775
34	May, 2015 Act.	55,840	0.23043	12,867
35	May, 2015 Est.	<u>(34,999)</u>	0.23043	<u>(8,065)</u>
36		45,844		11,577
37	July, 2015 Est.	25,001	0.26647	6,662
38	June, 2015 Act.	25,150	0.27095	6,814
39	June, 2015 Est.	<u>(25,003)</u>	0.27095	<u>(6,775)</u>
40		25,148		6,702
41	August, 2015 Est.	24,997	0.27827	6,956
42	July, 2015 Act.	23,130	0.26647	6,163
43	July, 2015 Est.	<u>(25,001)</u>	0.26647	<u>(6,662)</u>
44		23,126		6,457
45	September, 2015 Est.	<u>0</u>	-	<u>0</u>
46		0		0
47	TOTAL	<u>741,841</u>		<u>229,348</u>

COLUMBIA GAS OF PENNSYLVANIA, INC.  
DETAIL OF DEMAND GAS COST RECOVERY  
OCTOBER, 2014 THROUGH SEPTEMBER, 2015

LINE NO.	MONTH	VOLUMES SUBJ. TO DEMAND	COST OF GAS	DEMAND COST RECOVERY
		(1) THERM	(2) \$/THERM	(3 = 1 x 2) \$
1	October, 2014 Est. Old	4,932,054	0.13886	684,865
2	October, 2014 Est. New	4,304,002	0.13167	566,708
3	October Choice - Est. Old	1,772,738	0.11153	197,713
4	October Choice - Est. New	1,603,905	0.10258	164,529
5	October Est. Priority One Transportation Old	196,635	0.13886	27,305
6	October Est. Priority One Transportation New	171,595	0.13167	22,594
7	September, 2014 Est.	(6,280,037)	0.13886	(872,046)
8	September 2014 Act.	6,319,387	0.13886	877,510
9	September Choice - Est.	(2,170,966)	0.11153	(242,128)
10	September Choice - Act.	2,170,966	0.11153	242,128
11	September Est. Priority One Transportation	(302,330)	0.13886	(41,982)
12	September Act. Priority One Transportation	239,450	0.13886	33,250
13	Prior Period Adjustment		0.00000	0
14	Total	<u>12,957,399</u>		<u>1,660,446</u>
15	November, 2014 Est. New	22,886,775	0.13167	3,013,502
16	November Choice - Est. New	8,552,422	0.10258	877,307
17	November Est. Priority One Transportation New	737,650	0.13167	97,126
18	October Est. Old	(4,932,054)	0.13886	(684,865)
19	October Est. New	(4,304,002)	0.13167	(566,708)
20	October Act. Old	4,903,864	0.13886	680,951
21	October Act. New	4,279,402	0.13167	563,469
22	October Choice - Est. Old	(1,772,738)	0.11153	(197,713)
23	October Choice - Est. New	(1,603,905)	0.10258	(164,529)
24	October Choice - Act. Old	1,772,738	0.11153	197,713
25	October Choice - Act. New	1,603,905	0.10258	164,529
26	October Est. Priority One Transportation Old	(196,635)	0.13886	(27,305)
27	October Est. Priority One Transportation New	(171,595)	0.13167	(22,594)
28	October Act. Priority One Transportation Old	174,949	0.13886	24,293
29	October Act. Priority One Transportation New	<u>152,671</u>	0.13167	<u>20,102</u>
30	Total	<u>32,083,447</u>		<u>3,975,279</u>
31	December, 2014 Est.	50,959,167	0.13167	6,709,794
32	December Choice - Est.	18,605,181	0.10258	1,908,519
33	December Est. Priority One Transportation	890,860	0.13167	117,300
34	November Est.	(22,886,775)	0.13167	(3,013,502)
35	November Act.	22,831,025	0.13167	3,006,161
36	November Choice - Est.	(8,552,422)	0.10258	(877,307)
37	November Choice - Act.	8,552,422	0.10258	877,307
38	November Est. Priority One Transportation	(737,650)	0.13167	(97,126)
39	November Act. Priority One Transportation	<u>642,990</u>	0.13167	<u>84,662</u>
40	Total	<u>70,304,798</u>		<u>8,715,808</u>
41	January, 2015 Est. Old	30,556,782	0.13167	4,023,411
42	January, 2015 Est. New	35,298,351	0.13155	4,643,498
43	January Choice - Est. Old	11,071,158	0.10258	1,135,679
44	January Choice - Est. New	12,737,783	0.10218	1,301,547
45	January Est. Priority One Transportation Old	550,397	0.13167	72,471
46	January Est. Priority One Transportation New	635,803	0.13155	83,640
47	December 2014 Est.	(50,959,167)	0.13167	(6,709,794)
48	December 2014 Act.	50,866,527	0.13167	6,697,596
49	December Choice - Est.	(18,605,181)	0.10258	(1,908,519)
50	December Choice - Act.	18,605,181	0.10258	1,908,519
51	December Est. Priority One Transportation	(890,860)	0.13167	(117,300)
52	December Act. Priority One Transportation	<u>1,066,020</u>	0.13167	<u>140,363</u>
53	Total	<u>90,932,794</u>		<u>11,271,112</u>

COLUMBIA GAS OF PENNSYLVANIA, INC.  
DETAIL OF DEMAND GAS COST RECOVERY  
OCTOBER, 2014 THROUGH SEPTEMBER, 2015

LINE NO.	MONTH	VOLUMES SUBJ.	COST OF	DEMAND
		TO DEMAND	GAS	COST
		COST OF GAS		RECOVERY
		(1)	(2)	(3 = 1 x 2)
		THERM	\$/THERM	\$
1	February, 2015 Est. New	71,897,699	0.13155	9,458,142
2	February Choice - Est. New	25,838,760	0.10218	2,640,205
3	February Est. Priority One Transportation New	1,319,540	0.13155	173,585
4	January Est. Old	(30,556,782)	0.13167	(4,023,411)
5	January Est. New	(35,298,351)	0.13155	(4,643,498)
6	January Act. Old	30,516,191	0.13167	4,018,067
7	January Act. New	35,251,462	0.13155	4,637,330
8	January Choice - Est. Old	(11,071,158)	0.10258	(1,135,679)
9	January Choice - Est. New	(12,737,783)	0.10218	(1,301,547)
10	January Choice - Act. Old	11,071,158	0.10258	1,135,679
11	January Choice - Act. New	12,737,783	0.10218	1,301,547
12	January Est. Priority One Transportation Old	(550,397)	0.13167	(72,471)
13	January Est. Priority One Transportation New	(635,803)	0.13155	(83,640)
14	January Act. Priority One Transportation Old	533,800	0.13167	70,285
15	January Act. Priority One Transportation New	616,630	0.13155	81,118
16	Prior Period Adjustments		0.00000	0
17	Total	98,932,749		12,255,712
18	March, 2015 Est.	70,063,686	0.13155	9,216,878
19	March Choice - Est.	25,316,367	0.10218	2,586,826
20	March Est. Priority One Transportation	1,056,080	0.13155	138,927
21	February Est.	(71,897,699)	0.13155	(9,458,142)
22	February Act.	71,923,499	0.13155	9,461,536
23	February Choice - Est.	(25,838,760)	0.10218	(2,640,205)
24	February Choice - Act.	25,838,760	0.10218	2,640,205
25	February Est. Priority One Transportation	(1,319,540)	0.13155	(173,585)
26	February Act. Priority One Transportation	1,218,940	0.13155	160,352
27	Total	96,361,333		11,932,792
28	April, 2015 Est. Old	26,403,569	0.13155	3,473,390
29	April, 2015 Est. New	10,784,556	0.12776	1,377,835
30	April Choice - Est. Old	9,630,914	0.10218	984,087
31	April Choice - Est. New	3,895,651	0.09780	380,995
32	April Est. Priority One Transportation Old	507,153	0.13155	66,716
33	April Est. Priority One Transportation New	207,147	0.12776	26,465
34	March Est.	(70,063,686)	0.13155	(9,216,878)
35	March Act.	70,296,676	0.13155	9,247,528
36	March Choice - Est.	(25,316,367)	0.10218	(2,586,826)
37	March Choice - Act.	25,316,367	0.10218	2,586,826
38	March Est. Priority One Transportation	(1,056,080)	0.13155	(138,927)
39	March Act. Priority One Transportation	1,202,480	0.13155	158,186
	Total	51,808,380		6,359,396
40	May, 2015 Est.	15,213,181	0.12776	1,943,636
41	May Choice - Est. New	5,633,486	0.09780	550,955
42	May Est. Priority One Transportation New	445,010	0.12776	56,854
43	April, 2014 Est. Old	(26,403,569)	0.13155	(3,473,390)
44	April, 2014 Est. New	(10,784,556)	0.12776	(1,377,835)
45	April, 2014 Act. Old	26,392,883	0.13155	3,471,984
46	April, 2014 Act. New	10,780,192	0.12776	1,377,277
47	April Choice - Est. Old	(9,630,914)	0.10218	(984,087)
48	April Choice - Est. New	(3,895,651)	0.09780	(380,995)
49	April Choice - Act. Old	9,630,914	0.10218	984,087
50	April Choice - Act. New	3,895,651	0.09780	380,995
51	April Est. Priority One Transportation - Old	(507,153)	0.13155	(66,716)
52	April Est. Priority One Transportation - New	(207,147)	0.12776	(26,465)
53	April Act. Priority One Transportation - Old	538,358	0.13155	70,821
54	April Act. Priority One Transportation - New	219,893	0.12776	28,094
55	Total	21,320,578		2,555,216

COLUMBIA GAS OF PENNSYLVANIA, INC.  
DETAIL OF DEMAND GAS COST RECOVERY  
OCTOBER, 2014 THROUGH SEPTEMBER, 2015

LINE NO.	MONTH	VOLUMES SUBJ.	COST OF	DEMAND
		TO DEMAND	GAS	COST
		COST OF GAS		RECOVERY
		(1)	(2)	(3 = 1 x 2)
		THERM	\$/THERM	\$
1	June, 2015 Est.	7,770,216	0.12776	992,723
2	June Choice - Est.	2,795,734	0.09780	273,423
3	June Est. Priority One Transportation	357,300	0.12776	45,649
4	May Est.	(15,213,181)	0.12776	(1,943,636)
5	May Act.	15,183,511	0.12776	1,939,845
6	May Choice - Est.	(5,633,486)	0.09780	(550,955)
7	May Choice - Act.	5,633,486	0.09780	550,955
8	May Est. Priority One Transportation	(445,010)	0.12776	(56,854)
9	May Act. Priority One Transportation	406,260	0.12776	51,904
	Total	10,854,830		1,303,053
10	July, 2015 Est. Old	3,290,005	0.12776	420,331
11	July, 2015 Est. New	2,976,671	0.13501	401,880
12	July Choice - Est. Old	1,120,154	0.09780	109,551
13	July Choice - Est. New	1,038,138	0.10511	109,119
14	July Est. Priority One Transportation Old	155,862	0.12776	19,913
15	July Est. Priority One Transportation New	141,018	0.13501	19,039
16	June 2015 Est.	(7,770,216)	0.12776	(992,723)
17	June 2015 Act.	7,650,016	0.12776	977,366
18	June Choice - Est.	(2,795,734)	0.09780	(273,423)
19	June Choice - Act.	2,795,734	0.09780	273,423
20	June Est. Priority One Transportation	(357,300)	0.12776	(45,649)
21	June Act. Priority One Transportation	257,030	0.12776	32,838
22	Total	8,501,378		1,051,666
23	August, 2015 Est.	5,598,756	0.13501	755,888
24	August Choice - Est. New	1,923,314	0.10511	202,160
25	August Est. Priority One Transportation New	302,680	0.13501	40,865
26	July 2015 Est. Old	(3,290,005)	0.12776	(420,331)
27	July, 2015 Est. New	(2,976,671)	0.13501	(401,880)
28	July 2015 Act. Old	3,223,209	0.12776	411,797
29	July 2015 Act. New	2,916,237	0.13501	393,721
30	July Choice - Est. Old	(1,120,154)	0.09780	(109,551)
31	July Choice - Est. New	(1,038,138)	0.10511	(109,119)
32	July Choice - Act. Old	1,120,154	0.09780	109,551
33	July Choice - Act. New	1,038,138	0.10511	109,119
34	July Est. Priority One Transportation Old	(155,862)	0.12776	(19,913)
35	July Est. Priority One Transportation New	(141,018)	0.13501	(19,039)
36	July Act. Priority One Transportation Old	121,469	0.12776	15,519
37	July Act. Priority One Transportation New	109,901	0.13501	14,838
38	Total	7,632,010		973,624
39	September, 2015 Est.	8,083,991	0.13501	1,091,420
40	Total	8,083,991		1,091,420
41	TOTAL	483,281,674		63,145,523



COLUMBIA GAS OF PENNSYLVANIA, INC.  
DETAIL OF STANDBY DEMAND COST RECOVERY  
OCTOBER, 2014 THROUGH SEPTEMBER, 2015

LINE NO.	MONTH	STANDBY VOLUMES	STANDBY DEMAND RATE	STANDBY GAS DEMAND RECOVERIES
		(1)	(2)	(3 = 1 x 2)
		THERM	\$/THERM	\$
1	October, 2014 Est.	0		0
2	September, 2014 Act.	54,300	0.74405	40,402
3	September, 2014 Est.	0	-	0
4		<u>54,300</u>		<u>40,402</u>
5	November, 2014 Est.	0	-	0
6	October, 2014 Act.	53,000	0.76533	40,562
7	October, 2014 Est.	0	-	0
8		<u>53,000</u>		<u>40,562</u>
9	December, 2014 Est.	0	-	0
10	November, 2014 Act.	53,000	0.76533	40,562
11	November, 2014 Est.	0	-	0
12		<u>53,000</u>		<u>40,562</u>
13	January, 2015 Est.	0	-	0
14	December, 2014 Act.	53,000	0.76533	40,562
15	December, 2014 Est.	0	-	0
16		<u>53,000</u>		<u>40,562</u>
17	February, 2015 Est.	0	-	0
18	January, 2015 Act.	52,710	0.76539	40,344
19	January, 2015 Est.	0	-	0
20		<u>52,710</u>		<u>40,344</u>
21	March, 2015 Est.	0	-	0
22	February, 2015 Act.	62,880	0.76539	48,128
23	February, 2015 Est.	0	-	0
24		<u>62,880</u>		<u>48,128</u>
25	April, 2015	0	-	0
26	March, 2015 Act.	61,830	0.76539	47,324
27	March, 2015 Est.	0	-	0
28		<u>61,830</u>		<u>47,324</u>
29	May, 2015	0	-	0
30	April, 2015 Act.	61,830	0.76661	47,400
31	April, 2015 Est.	0	-	0
32		<u>61,830</u>		<u>47,400</u>
33	June, 2015	0	-	0
34	May, 2015 Act.	61,830	0.76661	47,400
35	May, 2015 Est.	0	-	0
36		<u>61,830</u>		<u>47,400</u>
37	July, 2015	0	-	0
38	June, 2015 Act.	66,150	0.76661	50,711
39	June, 2015 Est.	0	-	0
40		<u>66,150</u>		<u>50,711</u>
41	August, 2015	0	-	0
42	July, 2015 Act.	66,700	0.74843	49,920
43	July, 2015 Est.	0	-	0
44		<u>66,700</u>		<u>49,920</u>
45	September, 2015	0	-	0
46	August, 2015 Act.	66,700	0.74843	49,920
47	August, 2015 Est.	0	-	0
48		<u>66,700</u>		<u>49,920</u>
49	TOTAL	<u>713,930</u>		<u>543,235</u>

COLUMBIA GAS OF OF PENNSYLVANIA, INC.  
DETAIL OF NSS BANKING & BALANCING AND CAPACITY RELEASE REVENUE  
OCTOBER, 2014 THROUGH SEPTEMBER, 2015

LINE NO.	DESCRIPTION	NSS-BANKING & BALANCING			NSS-CAPACITY RELEASE		
		VOLUME	RATE	AMOUNT	VOLUME	RATE	AMOUNT
		(1)	(2)	(3=1 x 2)	(4)	(5)	(6=4 x 5)
		THERM	\$/THERM	\$	THERM	\$/THERM	\$
1	October, 2014 Est.	35,003	0.00697	244	35,003	0.02112	739
2	September, 2014 Act.	24,490	0.00697	171	24,490	0.02150	527
3	September, 2014 Est.	<u>(20,996)</u>	0.00697	<u>(146)</u>	<u>(20,996)</u>	0.02150	<u>(451)</u>
4		38,497		268	38,497		814
5	November, 2014 Est.	60,001	0.00697	418	60,001	0.01224	734
6	October, 2014 Act.	39,530	0.00697	276	39,530	0.02112	835
7	October, 2014 Est.	<u>(35,003)</u>	0.00697	<u>(244)</u>	<u>(35,003)</u>	0.02112	<u>(739)</u>
8		64,528		450	64,528		830
9	December, 2014 Est.	82,998	0.00697	579	82,998	0.01825	1,515
10	November, 2014 Act.	71,540	0.00697	499	71,540	0.01224	876
11	November, 2014 Est.	<u>(60,001)</u>	0.00697	<u>(418)</u>	<u>(60,001)</u>	0.01224	<u>(734)</u>
12		94,537		659	94,537		1,656
13	January, 2015 Est.	100,004	0.00697	697	100,004	0.01570	1,570
14	December, 2014 Act.	95,580	0.00697	666	95,580	0.01825	1,744
15	December, 2014 Est.	<u>(82,998)</u>	0.00697	<u>(579)</u>	<u>(82,998)</u>	0.01825	<u>(1,515)</u>
16		112,586		785	112,586		1,800
17	February, 2015 Est.	100,001	0.00697	697	100,001	0.01471	1,471
18	January, 2015 Act.	110,980	0.00697	774	110,980	0.01570	1,742
19	January, 2015 Est.	<u>(100,004)</u>	0.00697	<u>(697)</u>	<u>(100,004)</u>	0.01570	<u>(1,570)</u>
20		110,977		774	110,977		1,643
21	March, 2015 Est.	80,000	0.00697	558	80,000	0.02097	1,678
22	February, 2015 Act.	100,000	0.00697	697	100,000	0.01471	1,471
23	February, 2015 Est.	<u>(100,001)</u>	0.00697	<u>(697)</u>	<u>(100,001)</u>	0.01471	<u>(1,471)</u>
24		79,999		558	79,999		1,678
25	April, 2015 Est.	59,994	0.00226	136	59,994	0.01021	613
26	March, 2015 Act.	114,460	0.00226	259	114,460	0.02097	2,400
27	March, 2015 Est.	<u>(80,000)</u>	0.00697	<u>(558)</u>	<u>(80,000)</u>	0.02097	<u>(1,678)</u>
28		94,454		(163)	94,454		1,336
29	May, 2015 Est.	34,999	0.00226	79	34,999	0.00093	33
30	April, 2015 Act.	77,140	0.00226	174	77,140	0.01021	788
31	April, 2015 Est.	<u>(59,994)</u>	0.00226	<u>(136)</u>	<u>(59,994)</u>	0.01021	<u>(613)</u>
32		52,145		118	52,145		208
33	June, 2015 Est.	25,003	0.00226	57	25,003	0.00093	23
34	May, 2015 Act.	55,840	0.00226	126	55,840	0.00093	52
35	May, 2015 Est.	<u>(34,999)</u>	0.00226	<u>(79)</u>	<u>(34,999)</u>	0.00093	<u>(33)</u>
36		45,844		104	45,844		42
37	July, 2015 Est.	25,001	0.00226	57	25,001	0.00093	23
38	June, 2015 Act.	25,150	0.00226	57	25,150	0.00093	23
39	June, 2015 Est.	<u>(25,003)</u>	0.00226	<u>(57)</u>	<u>(25,003)</u>	0.00093	<u>(23)</u>
40		25,148		57	25,148		23
41	August, 2015 Est.	24,997	0.00226	56	24,997	0.00093	23
42	July, 2015 Act.	23,130	0.00226	52	23,130	0.00093	22
43	July, 2015 Est.	<u>(25,001)</u>	0.00226	<u>(57)</u>	<u>(25,001)</u>	0.00093	<u>(23)</u>
44		23,126		52	23,126		21
45	September, 2015 Est.	<u>0</u>	0.00000	<u>0</u>	<u>0</u>	0.00000	<u>0</u>
46		0		0	0		0
47	TOTAL	<u>741,841</u>		<u>3,661</u>	<u>741,841</u>		<u>10,051</u>

COLUMBIA GAS OF PENNSYLVANIA, INC.  
COMMODITY REFUNDS RECEIVED  
FROM VARIOUS SUPPLIERS

Line No.	Month	Refund	Number of Months		Rate	Amount of Interest	Total
		(1) \$	(2)		(3) %	(4 = 1 x 2 x 3) \$	(5 = 1 + 4) \$
1	September, 2014	0	19	/ 12	6.00%	0	0
2	October	0	18	/ 12	6.00%	0	0
3	November	0	17	/ 12	6.00%	0	0
4	December	0	16	/ 12	6.00%	0	0
5	January, 2015	0	15	/ 12	6.00%	0	0
6	February	0	14	/ 12	6.00%	0	0
7	March	0	13	/ 12	6.00%	0	0
8	April	0	12	/ 12	6.00%	0	0
9	May	0	11	/ 12	6.00%	0	0
10	June	0	10	/ 12	6.00%	0	0
11	July	0	9	/ 12	6.00%	0	0
12	August	0	8	/ 12	6.00%	0	0
13	September	<u>0</u>	7	/ 12	6.00%	<u>0</u>	<u>0</u>
14	TOTAL	<u><u>0</u></u>				<u><u>0</u></u>	<u><u>0</u></u>

COLUMBIA GAS OF PENNSYLVANIA, INC.  
DEMAND REFUNDS RECEIVED  
FROM VARIOUS SUPPLIERS

Line No.	Month	Refund (1) \$	Number of Months (2)	Rate (3) %	Amount of Interest (4 = 1 x 2 x 3) \$	Total (5 = 1 + 4) \$
1	September, 2014	0	19 / 12	6.00%	0	0
2	October	0	18 / 12	6.00%	0	0
3	November	0	17 / 12	6.00%	0	0
4	December	0	16 / 12	6.00%	0	0
5	January, 2015	0	15 / 12	6.00%	0	0
6	February	0	14 / 12	6.00%	0	0
7	March	0	13 / 12	6.00%	0	0
8	April	0	12 / 12	6.00%	0	0
9	May	0	11 / 12	6.00%	0	0
10	June	0	10 / 12	6.00%	0	0
11	July	0	9 / 12	6.00%	0	0
12	August	0	8 / 12	6.00%	0	0
13	September	<u>0</u>	7 / 12	6.00%	<u>0</u>	<u>0</u>
14	TOTAL	<u><u>0</u></u>			<u><u>0</u></u>	<u><u>0</u></u>