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December 24, 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. 239 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. 239 to Tariff Gas Pa. P.U.C. No. 9 ("Supplement No. 239"). Supplement No. 239 issued December 24, 2015, to be effective January 1, 2016, 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 (\$0.03632)/Therm in their gas supply and pass-through charges, effective January 1, 2016. The gas cost changes are reflected in the attached tariff rate schedules and Purchased Gas Cost Rider.

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 (724.416.6390) or to Columbia's Counsel, Theodore J. Gallagher (724.416.6355), 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,



Adam J. Lanier

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: December 24, 2015

EFFECTIVE: January 1, 2016

ISSUED BY: MARK 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

Page	Page Description	Revision Description
Cover	Tariff Cover Page	Supplement No., Issue and Effective Date.
2-2b	List of Changes	List of Changes.
16	Rate Summary	The "Gas Supply Charge" has decreased. The "Gas Cost Adjustment" has increased. The "Pass-through Charge" has decreased. The "Total Effective Rate" has decreased and increased.
17	Rate Summary	The "Gas Supply Charge" has decreased. The "Gas Cost Adjustment" has increased. The "Pass-through Charge" has decreased. The "Total Effective Rate" has decreased and increased.
18	Rate Summary	The "Gas Supply Charge" has decreased. The "Gas Cost Adjustment" has increased. The "Total Effective Rate" has decreased.
19	Rate Summary	The "Gas Supply Charge" has decreased. The "Gas Cost Adjustment" has increased. The "Total Effective Rate" has decreased.
20	Rate Summary	The "Residential Price-to-Compare" has decreased. The "Commercial Price-to-Compare" has decreased. The "Standby Service" has decreased.
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 increased.</p> <p>The "PGDC "E" Factor" has decreased.</p> <p>The "Capacity Assignment Factor" has decreased.</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 increased.</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	<p>The Purchased Gas Commodity Cost, made up of the Commodity Cost and the Commodity "E" Factor has decreased.</p> <p>The Commodity Cost has decreased.</p> <p>The Gas Cost Adjustment, which is the Commodity "E" Factor, has increased.</p> <p>The Demand Cost has increased.</p> <p>The Demand "E" Factor has decreased.</p> <p>The Purchased Gas Demand Cost billed to Rate RDS and Rate SCD has decreased.</p> <p>The Capacity Assignment Factor credited to Rate RDS and Rate SCD has increased.</p>
154	Rider PGC	<p>The Purchased Gas Demand Cost billed to Rate RDS and Rate SCD has decreased.</p> <p>The Capacity Assignment Factor credited to Rate RDS and Rate SCD has increased.</p>

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Columbia Gas of Pennsylvania, Inc.

Rate Summary

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
<u>Rate RSS - Residential Sales Service</u>						
Customer Charge	\$ 16.75	-	-	-	0.00	16.75
Usage Charge	\$ 0.47806	0.28470	(0.06811)	0.17082	0.00000	0.86547
Customer Transferring from Rate Schedule RDS - Usage Charge	\$ 0.47806	0.28470	-	4/ 0.17082	0.00000	0.93358
<u>Rate RDS - Residential Distribution Service</u>						
Customer Charge	\$ 16.75	-	-		0.00	16.75
Usage Charge:						
Customers Electing CHOICE - 1st Year	\$ 0.47806	-	(0.06811) 5/	0.13989	0.00000	0.54984
Customers Electing CHOICE - 2nd Year	\$ 0.47806	-	-	0.13989	0.00000	0.61795

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 up to twelve billing cycles.

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

Issued: December 24, 2015

Mark Kempic - President

Effective: January 1, 2016

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
<u>Rate SGSS - Small General Sales Service</u>						
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						
Annual Throughput ≤ 6,440 thm	\$ 0.35939	0.28171	(0.06811) 4/	0.10461	0.00000	0.67760
Annual Throughput > 6,440 thm and ≤ 64,400 thm	\$ 0.32246	0.28171	(0.06811) 4/	0.10461	0.00000	0.64067
<u>Rate SCD - Small Commercial Distribution</u>						
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						
Annual Throughput ≤ 6,440 thm	\$ 0.35939	-	(0.06811) 5/	0.07368	0.00000	0.36496
Annual Throughput > 6,440 thm and ≤ 64,400 thm	\$ 0.32246	-	(0.06811) 5/	0.07368	0.00000	0.32803
Usage Charge: Customers Electing CHOICE - more than 1 year						
Annual Throughput ≤ 6,440 thm	\$ 0.35939	-	-	0.07368	0.00000	0.43307
Annual Throughput > 6,440 thm and ≤ 64,400 thm	\$ 0.32246	-	-	0.07368	0.00000	0.39614
<u>Rate SGDS - Small General Distribution Service</u>						
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						
Annual Throughput ≤ 6,440 thm	\$ 0.33759	-	-	5/ 0.10461	0.00000	0.44220 6/
Annual Throughput > 6,440 thm and ≤ 64,400 thm	\$ 0.32062	-	-	5/ 0.10461	0.00000	0.42523 6/
Usage Charge - Non-Priority One						
Annual Throughput ≤ 6,440 thm	\$ 0.33759	-	-	5/ 0.00010	-	0.33769 6/
Annual Throughput > 6,440 thm and ≤ 64,400 thm	\$ 0.32062	-	-	5/ 0.00010	-	0.32072 6/

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 SGSS from SCD or SGDS, the Gas Cost Adjustment shall not be billed for up to twelve billing cycles.

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

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

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	Gas Cost Adjustment	Pass-through Charge	State Tax Adjustment Surcharge	Total Effective Rate
		1/		2/	3/	
Rate LGSS - Large General Sales Service						
Customer Charge:						
Annual Throughput > 64,400 thm and <= 110,000 thm	\$	215.00			0.00	215.00
Annual Throughput > 110,000 thm and <= 540,000 thm	\$	685.00			0.00	685.00
Annual Throughput > 540,000 thm and <= 1,074,000 thm	\$	1,800.00			0.00	1,800.00
Annual Throughput > 1,074,000 thm and <= 3,400,000 thm	\$	2,800.00			0.00	2,800.00
Annual Throughput > 3,400,000 thm and <= 7,500,000 thm	\$	5,400.00			0.00	5,400.00
Annual Throughput > 7,500,000 thm	\$	8,000.00			0.00	8,000.00
Usage Charge:						
Annual Throughput > 64,400 thm and <= 110,000 thm	\$	0.20774	0.28049	(0.06811) 4/	0.10451	0.00000
Annual Throughput > 110,000 thm and <= 540,000 thm	\$	0.19422	0.28049	(0.06811) 4/	0.10451	0.00000
Annual Throughput > 540,000 thm and <= 1,074,000 thm	\$	0.12001	0.28049	(0.06811) 4/	0.10451	0.00000
Annual Throughput > 1,074,000 thm and <= 3,400,000 thm	\$	0.10645	0.28049	(0.06811) 4/	0.10451	0.00000
Annual Throughput > 3,400,000 thm and <= 7,500,000 thm	\$	0.09553	0.28049	(0.06811) 4/	0.10451	0.00000
Annual Throughput > 7,500,000 thm	\$	0.05684	0.28049	(0.06811) 4/	0.10451	0.00000
Rate SDS - Small Distribution Service						
Customer Charge:						
Annual Throughput > 64,400 thm and <= 110,000 thm	\$	215.00	-	-	0.00	215.00
Annual Throughput > 110,000 thm and <= 540,000 thm	\$	685.00	-	-	0.00	685.00
Usage Charge:						
Annual Throughput > 64,400 thm and <= 110,000 thm	\$	0.20774	-	-	0.00000	0.20774 6/
Annual Throughput > 110,000 thm and <= 540,000 thm	\$	0.19422	-	-	0.00000	0.19422 6/
Rate LDS - Large Distribution Service						
Customer Charge:						
Annual Throughput > 540,000 thm and <= 1,074,000 thm	\$	1,800.00	-	-	0.00	1,800.00
Annual Throughput > 1,074,000 thm and <= 3,400,000 thm	\$	2,800.00	-	-	0.00	2,800.00
Annual Throughput > 3,400,000 thm and <= 7,500,000 thm	\$	5,400.00	-	-	0.00	5,400.00
Annual Throughput > 7,500,000 thm	\$	8,000.00	-	-	0.00	8,000.00
Usage Charge:						
Annual Throughput > 540,000 thm and <= 1,074,000 thm	\$	0.12001	-	-	0.00000	0.12001 6/
Annual Throughput > 1,074,000 thm and <= 3,400,000 thm	\$	0.10645	-	-	0.00000	0.10645 6/
Annual Throughput > 3,400,000 thm and <= 7,500,000 thm	\$	0.09553	-	-	0.00000	0.09553 6/
Annual Throughput > 7,500,000 thm	\$	0.05684	-	-	0.00000	0.05684 6/
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 LGSS from SDS or LDS, the Gas Cost Adjustment shall not be billed for up to twelve billing cycles.						
5/ If a customer transfers to SDS or LDS from LGSS, the Gas Cost Adjustment shall be billed for up to twelve billing cycles.						
6/ Plus Rider EBS Option 1 or 2 - See Page 21.						

Columbia Gas of Pennsylvania, Inc.

Rate Summary						
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
<u>Rate MLSS - Main Line Sales Service</u>						
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	\$ 0.00937	0.28049	(0.06811) 4/	0.10451	0.00000	0.32626
MLS Class II:						
Annual Throughput > 2,146,000 thm and <= 3,400,000 thm	\$ 0.04479	0.28049	(0.06811) 4/	0.10451	0.00000	0.36168
Annual Throughput > 3,400,000 thm and <= 7,500,000 thm	\$ 0.03874	0.28049	(0.06811) 4/	0.10451	0.00000	0.35563
Annual Throughput > 7,500,000 thm	\$ 0.03355	0.28049	(0.06811) 4/	0.10451	0.00000	0.35044
<u>Rate MLDS - Main Line Distribution Service</u>						
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	\$ 0.00937	-	-	5/	0.00000	0.00937 6/
MLS Class II:						
Annual Throughput > 2,146,000 thm and <= 3,400,000 thm	\$ 0.04479	-	-	5/	0.00000	0.04479 6/
Annual Throughput > 3,400,000 thm and <= 7,500,000 thm	\$ 0.03874	-	-	5/	0.00000	0.03874 6/
Annual Throughput > 7,500,000 thm	\$ 0.03355	-	-	5/	0.00000	0.03355 6/

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 MLSS from MLDS, the Gas Cost Adjustment shall not be billed for up to twelve billing cycles.

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

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

Columbia Gas of Pennsylvania, Inc.

Canceling Ninety-second Revised Page No. 20

Other Rates Summary

Rate per thm

Description	Rate \$/ thm	Applicable Rate Schedules
Tennessee Gas Pipeline Company Refund	\$ -	SGSS
TCO Modernization Refund- Settlement - Residential	\$ -	RSS/RDS
TCO Modernization Refund-Settlement - Non-Residential	\$ -	SGSS/SGDS/SCD/LGSS/MLSS
Price to Compare for Residential Gas Supply	\$ 0.24752 1/	RSS
Price to Compare for Commercial Gas Supply	\$ 0.24453 1/	SGSS (< = 64,400 thms)
State Tax Adjustment Surcharge Percentage	0.00000%	Customer and Distribution Charges on all rates
Rate SS - Standby Service	\$ 0.75310	Per therm based on a customer's Maximum Daily Firm Requirement. See Pages 134 - 136 herein for detail.

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

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Mark Kempic - President

Effective: January 1, 2016

Columbia Gas of Pennsylvania, Inc.

Rider Summary

Riders	Rate	Applicable Rate Schedules
Customer Choice - Rider CC	\$ 0.00010 /thm	RSS/RDS/SGSS/SGDS/SCD/DGDS
Universal Service Plan - Rider USP	\$ 0.06621 /thm	RSS/RDS
Distribution System Improvement Charge - Rider DSIC	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.
Elective Balancing Service - Rider EBS:		
Option 1 - Small Customer	\$ 0.01626 /thm	SGDS/SDS
Option 1 - Large Customer	\$ 0.00656 /thm	LDS/MLDS
Option 2 - Small Customer	\$ 0.00697 /thm	SGDS/SDS
Option 2 - Large Customer	\$ 0.00226 /thm	LDS/MLDS
Gas Procurement Charge - Rider GPC	\$ 0.00695 /thm	RSS/SGSS/LGSS/MLSS
Merchant Function Charge - Rider MFC	\$ 0.00421 /thm	RSS
Merchant Function Charge - Rider MFC	\$ 0.00122 /thm	SGSS
Purchased Gas Cost - Rider PGC	Pg. 21a & 21b	Rate Schedules specified on Page 21a & 21b

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Columbia Gas of Pennsylvania, Inc.

Gas Supply Charge Summary				
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	\$ 0.27354	0.00695	0.00421	0.28470
Rate SGSS - Small General Sales Service	\$ 0.27354	0.00695	0.00122	0.28171
Rate LGSS - Large General Sales Service	\$ 0.27354	0.00695	-	0.28049
Rate MLSS Main Line Sales Service	\$ 0.27354	0.00695	-	0.28049

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Columbia Gas of Pennsylvania, Inc.

Pass-through Charge Summary
 Rate per thm

Rate Schedule	PGDC	PGDC "E" Factor	Capacity Assignment Factor	Pipeline Refund	Rider CC	Rider USP	Total Pass-through Charge
Rate CAP - Customer Assistance Plan	\$ 0.11873	(0.01422)	(0.03093)	-	-	-	0.07358
Rate RSS - Residential Sales Service	\$ 0.11873	(0.01422)	-	-	0.00010	0.06621	0.17082
Rate SGSS - Small General Sales Service	\$ 0.11873	(0.01422)	-	-	0.00010	-	0.10461
Rate LGSS - Large General Sales Service	\$ 0.11873	(0.01422)	-	-	-	-	0.10451
Rate MLSS Main Line Sales Service	\$ 0.11873	(0.01422)	-	-	-	-	0.10451
Rate RDS - Residential Distribution Service	\$ 0.11873	(0.01422)	(0.03093)	-	0.00010	0.06621	0.13989
Rate SCD - Small Commercial Distribution (Choice)	\$ 0.11873	(0.01422)	(0.03093)	-	0.00010	-	0.07368
Rate SGDS - Small General Distribution Service							
Priority One (P1)	\$ 0.11873	(0.01422)	-	-	0.00010	-	0.10461
Non-Priority One (NP1)	-	-	-	-	0.00010	-	0.00010
Rate SDS - Small Distribution Service	\$ -	-	-	-	-	-	-
Rate LDS - Large Distribution Service	\$ -	-	-	-	-	-	-
Rate MLDS - Main Line Distribution Service	\$ -	-	-	-	-	-	-

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Columbia Gas of Pennsylvania, Inc.

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	\$ 0.27354	(0.06811)	0.03093	0.00695	0.00421	0.24752	
Commercial < = 64,400 thm/year	\$ 0.27354	(0.06811)	0.03093	0.00695	0.00122	0.24453	

Issued: December 24, 2015

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Effective: January 1, 2016

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 \$0.30994 per thm for recovery of purchased gas costs. (D)(I)
This rate includes the commodity cost component (CC) of \$0.27354 per thm, the commodity "E" Factor component (CE) of (\$0.06811) per thm, the demand cost component (DC) of \$0.11873 per thm, and the demand "E" Factor component of (\$0.01422) 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 \$0.11873 per thm and the demand "E" Factor component of (\$0.01422) 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 \$0.07358 per thm for recovery of Purchased Gas Demand Costs. This rate includes the DC of \$0.11873 per thm, the Capacity Assignment Factor (CAF) of (\$0.03093) per thm and the DC "E" Factor component of (\$0.01422) 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 \$0.11873 per thm plus the demand "E" Factor of (\$0.01422) per thm. The two factors total \$0.10451 per thm. The Gas Supply Charge includes the PGCC of \$0.27354 per thm. The Gas Cost Adjustment is the commodity "E" Factor of (\$0.06811) per thm. (D)(I)

For General Distribution Service customers served under Priority-One Rate SGDS, the Pass-through Charge includes the PGDC of \$0.11873 per thm and the demand "E" Factor component of (\$0.01422) 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 \$0.11873 per thm, the CAF of (\$0.03093) per thm and the demand "E" Factor component of (\$0.01422) per thm, all of which total \$0.07358 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 \$0.07358 per thm. Such rate shall be equal to the PGDC component of \$0.10451 per thm as calculated above, less the CAF of \$0.03093 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 \$0.03093 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

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)	Change in Rate (2=3-1)	Effective 1-1-16 (3)
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 (Line 2/Line 4)	0.31252	(0.03898)	0.27354
6	<u>Commodity (Over)/Under Collection</u>			
7	Commodity E-Factor			
8	(Exhibit No. 1-E)	(24,552,807)	921,053	(23,631,754)
9	Projected sales for the twelve billing periods of			
10	October, 2015 through September, 2016	346,961,450 Therms		346,961,450
11	Commodity E-Factor (Line 8/ Line 10)	(0.07077)	0.00266	(0.06811)
12	<u>Purchased Gas Demand Cost</u>			
13	Demand cost of gas (Exhibit 1-B, Schedule 1)	62,602,665		
14	Less: Purchased Gas Demand recovered under Rate SS			
15	(Exhibit 1-A, Schedule 2, Sheet 2)	604,182		
16	Less: Purchased Gas Demand Cost allocated to Rates LTS, STS,			
17	SGS-TS and MLS (Exh 1-A, Sch 2, Page 3)	0		
18	Subtotal (Line 13 - Line 15 - Line 17)	61,998,483		
19	Projected sales for the twelve billing periods of			
20	October, 2015 through September, 2016	1_ / 475,918,191 Therms		
21	PGDC Rate prior to Capacity Release Credit (Line 18 / Line 20)	0.13027	0.00054	0.13081
22	Off System Sales and Capacity Release Credit	(0.01208)	0.00000	(0.01208)
23	PGDC Rate	0.11819	0.00054	0.11873
24	<u>Demand (Over)/Under Collection</u>			
25	Demand E- Factor			
26	(Exhibit No. 1-E)	(6,509,238)	(259,942)	(6,769,180)
27	Projected sales for the twelve billing periods of			
28	October, 2015 through September, 2016	1_ / 475,918,191 Therms		475,918,191
29	Demand E-Factor (Line 26 / Line 28)	(0.01368)	(0.00054)	(0.01422)
30	<u>Total Purchased Gas Cost</u>			
31	PGCC Rate (Line 5)	0.31252	(0.03898)	0.27354
32	PGDC Rate (Line 23)	0.11819	0.00054	0.11873
33	PGC Rate	0.43071	(0.03844)	0.39227
34	Currently effective PGC	0.49565		0.43071
35	Increase (Decrease) in PGC	(0.06494)		(0.03844)
36	<u>Net (Over) Under Collection</u>			
37	Commodity E-Factor (Line 11)	(0.07077)	0.00266	(0.06811)
38	Demand E-Factor (Line 29)	(0.01368)	(0.00054)	(0.01422)
39	E-Factor	(0.08445)	0.00212	(0.08233)
40	Currently effective E-Factor	(0.02775)		(0.08445)
41	Increase (Decrease) in E-Factor	(0.05670)		0.00212
42	PGC Rate	0.43071	(0.03844)	0.39227
43	E-Factor	(0.08445)	0.00212	(0.08233)
44	Total Rate	0.34626	(0.03632)	0.30994
45	Currently effective Rate	0.46790		0.34626
46	Increase (Decrease) in Rate	(0.12164)		(0.03632)

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

COLUMBIA GAS OF PENNSYLVANIA, INC.
QUARTERLY PURCHASED GAS ADJUSTMENT
INCREMENTAL CHANGE EFFECTIVE JANUARY 1, 2016

	Projected Over/(Under) Collection	Actual Over/(Under) Collection	Difference	Projected Sales	Change In Rate
	(1)	(2)	(3)	(4)	(5=3/4)
	\$	\$	\$	(Therms)	(\$/Therm)
C-FACTOR					
<u>Commodity Cost of Gas</u>					
1	October, 2015	(1,291,519)	(2,625,974)	1,334,455	
2	November, 2015	(4,402,601)	(993,833)	(3,408,768)	
3	Change in PGCC -- January 1	(5,694,120)	(3,619,807)	(2,074,313)	344,628,945 (0.00602)
4	December, 2015	0	0	0	
5	January, 2016	0	0	0	
6	February, 2016	0	0	0	
7	Change in PGCC -- April 1	0	0	0	344,628,945 0.00000
8	March, 2016	0	0	0	
9	April, 2016	0	0	0	
10	May, 2016	0	0	0	
11	Change in PGCC -- July 1	0	0	0	344,628,945 0.00000
<u>Demand Cost of Gas</u>					
12	October, 2015	(4,170,076)	(3,919,055)	(251,021)	
13	November, 2015	(1,667,426)	(2,367,699)	700,273	
14	Change in PGDC -- January 1	(5,837,501)	(6,286,754)	449,253	475,918,191 0.00094
15	December, 2015	0	0	0	
16	January, 2016	0	0	0	
17	February, 2016	0	0	0	
18	Change in PGDC -- April 1	0	0	0	475,918,191 0.00000
19	March, 2016	0	0	0	
20	April, 2016	0	0	0	
21	May, 2016	0	0	0	
22	Change in PGDC -- July 1	0	0	0	475,918,191 0.00000
E-FACTOR					
23	Commodity E Factor	24,552,807	23,631,754	921,053	346,961,450 0.00266
24	Demand E Factor	6,509,238	6,769,180	(259,942)	475,918,191 (0.00054)
25	Change in PGCC (line 3 + line 7 + line 11 + line 23)				(0.00336)
26	Change in PGDC (line 14 + line 18 + line 22 + line 24)				0.00040

COLUMBIA GAS OF PENNSYLVANIA, INC.
QUARTERLY PURCHASED GAS ADJUSTMENT - COMMODITY
INCREMENTAL CHANGE EFFECTIVE JANUARY 1, 2016

	Original Projected Exhibit 1-B Schedule 1	Updated for 1/1/16 Exhibit 1-B Schedule 1	Difference Included in 1/1/16 GCR	Updated for 4/1/16 Exhibit 1-B Schedule 1	Difference Included in 4/1/16 GCR	Updated for 7/1/16 Exhibit 1-B Schedule 1	Difference Included in 7/1/16 GCR
	(1)	(2)	(3=2-1)	(4)	(5=4-2)	(6)	(7=6-4)
	\$	\$	\$	\$	\$	\$	\$
<u>C-FACTOR</u>							
<u>Commodity Cost of Gas</u>							
1 December, 2015	19,177,272	19,177,272	0				
2 January, 2016	23,403,029	20,454,854	(2,948,175)				
3 February	21,155,448	19,112,792	(2,042,656)				
4 March	15,767,428	14,948,955	(818,473)				
5 April	6,321,180	4,628,910	(1,692,270)				
6 May	2,603,248	2,001,018	(602,230)				
7 June	932,984	743,840	(189,144)				
8 July	839,932	662,055	(177,877)				
9 August	841,957	739,335	(102,622)				
10 September	1,132,150	969,097	(163,053)				
11 Total	92,174,627	83,438,128	(8,736,499)				
12 Projected Sales			265,027,097				
13 Change in PGCC Rate per Therm			(0.03296)				

COLUMBIA GAS OF PENNSYLVANIA, INC.
QUARTERLY PURCHASED GAS ADJUSTMENT - DEMAND
INCREMENTAL CHANGE EFFECTIVE JANUARY 1, 2016

	Original Projected Exhibit 1-B Schedule 1	Updated for 1/1/16 Exhibit 1-B Schedule 1	Difference Included in 1/1/16 GCR	Updated for 4/1/16 Exhibit 1-B Schedule 1	Difference Included in 4/1/16 GCR	Updated for 7/1/16 Exhibit 1-B Schedule 1	Difference Included in 7/1/16 GCR
	(1)	(2)	(3=2-1)	(4)	(5=4-2)	(6)	(7=6-4)
	\$	\$	\$	\$	\$	\$	\$
<u>D-FACTOR</u>							
<u>Demand Cost of Gas</u>							
1	December, 2015	5,971,403	5,971,403	0			
2	January, 2016	5,971,403	5,949,833	(21,570)			
3	February	5,971,403	5,949,833	(21,570)			
4	March	5,971,403	5,949,833	(21,570)			
5	April	4,488,514	4,475,101	(13,413)			
6	May	4,488,514	4,475,101	(13,413)			
7	June	4,488,514	4,475,101	(13,413)			
8	July	4,488,514	4,475,101	(13,413)			
9	August	4,488,514	4,475,101	(13,413)			
10	September	4,488,514	4,475,101	(13,413)			
11	Total	50,816,696	50,671,508	(145,188)			
12	Projected Sales			365,046,229			
13	Change in PGDC Rate per Therm			(0.00040)			

COLUMBIA GAS OF PENNSYLVANIA, INC.
ACTUAL OVER/(UNDER)COLLECTION FOR THE PERIOD
OCTOBER, 2015 THROUGH SEPTEMBER, 2016

Line No.		Commodity			Demand		
		Actual Recoveries (1) \$	Actual Gas Costs (2) \$	Over/ (Under)Collection (3=1-2) \$	Actual Recoveries (4) \$	Actual Gas Costs (5) \$	Over/ (Under)Collection (6=4-5) \$
	Actuals through November 2015						
1	October, 2015	3,306,739	5,932,713	(2,625,974)	1,608,216	5,527,271	(3,919,055)
2	November	6,323,506	7,317,339	(993,833)	3,219,052	5,586,751	(2,367,699)
3	December			0			0
4	January, 2016			0			0
5	February			0			0
6	March			0			0
7	April			0			0
8	May			0			0
9	June			0			0
10	July			0			0
11	August			0			0
12	September			0			0
13	Total	9,630,245	13,250,052	(3,619,807)	4,827,268	11,114,022	(6,286,754)

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 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	62,457,477	
3	Estimated Demand Quantity (Therms) 1_ /	82,934,160	
4	Daily purchased gas demand rate (Line 2 / line 3)	<u>\$0.75310</u> per Therm	
5	Daily purchased gas demand (Therms)	800,400 Therms	
6	Daily purchased gas demand rate per Therm	<u>\$0.75310</u>	
7	Total rate SS Daily Demand Cost to be		
8	Recovered (Line 5 x Line 6)		<u>\$602,781</u>
9	Total Rate SS Daily Demand Cost to be		
10	Recovered (Effective October 1, 2015)		<u>\$604,182</u>
11	Difference (Line 8 minus Line 10)		(\$1,401)
12	Projected Sales for the Period October 2014 through September 2015		\$475,918,191
13	Rate Differential		\$ -

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	0.29303	19,214,350	89,382,868	0.13054	11,668,040	30,882,390
5	February	65,480,932	0.27354	17,911,654	89,159,046	0.13081	11,662,895	29,574,549
6	March	56,902,270	0.27354	15,565,047	77,429,688	0.13081	10,128,577	25,693,624
7	April	35,156,355	0.27354	9,616,669	48,501,272	0.13081	6,344,451	15,961,120
8	May	16,739,634	0.27354	4,578,959	23,703,039	0.13081	3,100,595	7,679,554
9	June	8,867,974	0.27354	2,425,746	12,712,455	0.13081	1,662,916	4,088,662
10	July	5,718,059	0.27354	1,564,118	8,327,457	0.13081	1,089,315	2,653,433
11	August	5,097,869	0.27354	1,394,471	7,654,204	0.13081	1,001,246	2,395,717
12	September	<u>5,492,731</u>	0.27354	<u>1,502,482</u>	<u>8,176,200</u>	0.13081	<u>1,069,529</u>	<u>2,572,011</u>
13	Total	344,628,945		98,650,666	475,918,191		62,170,855	160,821,521

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	0.75310	50,232
5	February	66,700	0.75310	50,232
6	March	66,700	0.75310	50,232
7	April	66,700	0.75310	50,232
8	May	66,700	0.75310	50,232
9	June	66,700	0.75310	50,232
10	July	66,700	0.75310	50,232
11	August	66,700	0.75310	50,232
12	September	<u>66,700</u>	0.75310	<u>50,232</u>
13	Total	800,400		603,131

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>	0.00226	<u>0</u>	<u>0</u>	0.00697	<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	19,214,350	20,454,854	(1,240,504)	11,718,272	5,949,833	5,768,439	4,527,935
5	February	17,911,654	19,112,792	(1,201,138)	11,713,127	5,949,833	5,763,294	4,562,155
6	March	15,565,047	14,948,955	616,092	10,178,809	5,949,833	4,228,976	4,845,068
7	April	9,616,669	4,628,910	4,987,759	6,394,683	4,475,101	1,919,582	6,907,341
8	May	4,578,959	2,001,018	2,577,941	3,150,827	4,475,101	(1,324,274)	1,253,666
9	June	2,425,746	743,840	1,681,906	1,713,148	4,475,101	(2,761,953)	(1,080,047)
10	July	1,564,118	662,055	902,063	1,139,547	4,475,101	(3,335,554)	(2,433,491)
11	August	1,394,471	739,335	655,136	1,051,478	4,475,101	(3,423,623)	(2,768,487)
12	September	1,502,482	969,097	533,385	1,119,761	4,475,101	(3,355,340)	(2,821,955)
13	Total	98,650,666	98,968,216	(317,551)	62,773,986	62,457,477	316,509	(1,041)

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

<p>\$62,602,665</p> <p>(604,182)</p> <p>0</p> <p>(6,769,180)</p> <p><u>\$55,229,303</u></p> <p>\$125.74 per Dth</p> <p>47,592 MMDth</p> <p>47,925 MMDth</p> <p>21,755 MMDth</p> <p>1 Dth</p> <p><u>0.7%</u></p> <p>1.0070 Dth</p> <p>\$1.1605 per Dth</p> <p>\$0.0094</p> <p><u>(\$0.0040)</u></p> <p>\$1.1659</p> <p>(\$0.1208) per Dth</p> <p>0.0028 Dth</p> <p>\$0.3521 per Dth</p> <p>\$0.8138 per Dth</p> <p>0.4571 Dth</p> <p>\$0.0070</p> <p>\$0.0013</p> <p>\$0.0070</p> <p>\$0.0088</p> <p><u>\$0.0187</u></p> <p><u>\$0.0428</u> per Dth</p> <p>\$0.3521 per Dth</p> <p><u>(\$0.0428)</u> per Dth</p> <p><u>\$0.3093</u> per Dth</p> <p><u>\$0.03093</u> per Therm</p> <p><u>\$0.7358</u> per Dth</p> <p><u>\$0.07358</u> per Therm</p>	<p>1. Projected Demand Costs Oct. 2015 through Sept. 2016 (Exh. 1-B, Sch. 1 from Oct. 2015 PGC)</p> <p>1a. Less Purchased Gas Demand Costs Recovered Under Rate SS (Exhibit 1-A, Schedule 1, Sheet 2)</p> <p>1b. Less Purchased Gas Demand Allocated to Rates LTS, STS, SGS-TS, and MLS</p> <p>1c. Experienced Demand Net Over Collection (Exhibit No. 1-E)</p> <p>2. Total Adjusted Demand Costs per 1307(f) Filing (1) + (1a) + (1b) + (1c)</p> <p>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)</p> <p>4. Projected Sales & Choice Requirements for 12 billing periods of October, 2015 through September, 2016</p> <p>5. Projected Sales & Choice Requirements 12 months ended September 2016, including Unaccounted For @ 0.7%</p> <p>6. Annual Injections and Withdrawals, Normal Weather</p> <p>7a. Quantity Delivered to the Customer</p> <p>7b. Unaccounted-for & Co. Use Factor from Volume Balancing System</p> <p>7c. Quantity Delivered to the City Gate. (7a)/(1-7b)</p> <p>8. Unit Demand Charge: (2) / (4)</p> <p>9a. Quarterly Purchased Gas Demand Adjustment (Jan. 1, 2016 Filing, Schedule 1, Sheet 2)</p> <p>9b. Quarterly Purchased Gas Demand Adjustment (Jan. 1, 2016 Filing, Schedule 1, Sheet 4)</p> <p>10. Net Unit Demand Charge (8) + (9a) + (9b)</p> <p>11. OSS and Capacity Release Credit</p> <p>12. Average Daily FT Delivery: (7c) / 365 days</p> <p>13. Annual Demand Charge for the Assigned FT Capacity payable to the pipeline(s): (3) X (12)</p> <p>14. Annual Demand Charge for other capacity that CPA retains (10) - (13)</p> <p>15. Quantity Injected and Withdrawn to Deliver 1 Dth to the Customer: (6) / (4)</p> <p>16a. Injection Charge @ \$0.0153/Dth</p> <p>16b. FSS Shrinkage @ 0.13 percent for gas at \$2.1726/Dth</p> <p>16c. Withdrawal Charge @ \$0.0153/Dth</p> <p>16d. SST Commodity Charge @ \$0.0192/Dth</p> <p>16e. SST retention @ 1.885% for gas at \$2.1726/Dth</p> <p>16f. Total Annual Variable Storage Costs</p> <p>17. Credit to Purchased Gas Demand Charge for the CHOICE Customer:</p> <p>17a. For Demand Cost Paid to Pipelines: = (13)</p> <p>17b. Less Storage Costs: = (16f)</p> <p>17c. Net Credit: (17a) + (17b)</p> <p>17d. Per Therm: (17c)/10 - Capacity Assignment Factor</p> <p>18. Purchased Gas Demand Charge Paid By the CHOICE Customer: (10)+(11) - (17c)</p> <p>17. Per Therm: (18)/10</p>
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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/	\$9,329,814	\$2,247,060	
4a. Monthly Billing Determinants	127,373	43,632	
4b. Annual Demand Charge (4/ 4a)	\$73.25	\$51.50	
4c. Monthly Demand Charge (4b / number of months)	\$6.104	\$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	\$73.25	\$52.49	<u><u>\$125.74</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	7,505,000	6,830,000	5,083,000	2,290,000	901,000	295,000	267,000	231,000	341,000	35,321,000
3	Total Demand Costs	5,863,906	5,922,063	5,971,403	5,949,833	5,949,833	5,949,833	4,475,101	4,475,101	4,475,101	4,475,101	4,475,101	4,475,101	62,457,477
4	Total Commodity Costs	<u>3,974,655</u>	<u>11,555,433</u>	<u>19,177,272</u>	<u>20,454,854</u>	<u>19,112,792</u>	<u>14,948,955</u>	<u>4,628,910</u>	<u>2,001,018</u>	<u>743,840</u>	<u>662,055</u>	<u>739,335</u>	<u>969,097</u>	<u>98,968,216</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>26,404,687</u></u>	<u><u>25,062,625</u></u>	<u><u>20,898,788</u></u>	<u><u>9,104,011</u></u>	<u><u>6,476,119</u></u>	<u><u>5,218,941</u></u>	<u><u>5,137,156</u></u>	<u><u>5,214,436</u></u>	<u><u>5,444,198</u></u>	<u><u>161,425,693</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	4,898,923	4,898,923	4,898,923	3,545,428	3,545,428	3,545,428	3,545,428	3,545,428	3,545,428	3,545,428	50,729,208
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	187,255	2,247,060
3	Texas Eastern Transmission	237,612	237,612	286,952	287,002	287,002	287,002	237,642	237,642	237,642	237,642	237,642	237,642	237,642	3,049,034
4	Dominion Transmission	166,253	201,416	201,416	201,570	201,570	201,570	165,371	165,371	165,371	165,371	165,371	165,371	165,371	2,166,021
5	Tennessee Gas	355,330	344,713	344,713	343,973	343,973	343,973	343,973	343,973	343,973	343,973	343,973	343,973	343,973	4,140,513
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	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	4,161	230,389
8	LT-FTS Contract Demand	0	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	25,000	300,000
10	Total Demand Cost	<u>5,863,906</u>	<u>5,922,063</u>	<u>5,971,403</u>	<u>5,949,833</u>	<u>5,949,833</u>	<u>5,949,833</u>	<u>4,475,101</u>	<u>4,475,101</u>	<u>4,475,101</u>	<u>4,475,101</u>	<u>4,475,101</u>	<u>4,475,101</u>	<u>4,475,101</u>	<u>62,457,477</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	2,434,560	2,481,320	1,243,651	1,460,702	1,842,172	1,956,029	2,077,534	2,097,812	1,968,098	28,024,057
2	Spot	4,299,862	810,811	1,804,594	2,327,929	1,637,658	793,807	7,310,117	6,518,888	5,133,588	5,065,924	5,058,018	5,261,707	46,022,903
3	Local	55,286	53,655	59,224	36,784	34,720	39,600	39,081	42,438	41,769	45,034	45,694	43,785	537,070
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	15,655,581	14,959,094	12,871,897	(4,180,990)	(6,402,480)	(6,387,546)	(6,526,437)	(6,462,189)	(6,304,493)	24,384,186
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>20,454,854</u>	<u>19,112,792</u>	<u>14,948,955</u>	<u>4,628,910</u>	<u>2,001,018</u>	<u>743,840</u>	<u>662,055</u>	<u>739,335</u>	<u>969,097</u>	<u>98,968,216</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	1,431,000	1,373,000	673,000	676,000	796,000	815,000	848,000	848,000	798,000	11,853,000
	<u>Spot</u>													
2	Total-DTH	1,797,000	290,000	666,000	1,317,000	891,000	399,000	3,818,000	3,275,000	2,514,000	2,412,000	2,377,000	2,463,000	22,219,000
	<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	4,735,000	4,546,000	3,989,000	(2,225,000)	(3,192,000)	(3,055,000)	(3,015,000)	(3,016,000)	(2,941,000)	991,000
	<u>Total - All Sources</u>													
6	Total-DTH	<u>1,532,000</u>	<u>3,780,000</u>	<u>6,266,000</u>	<u>7,505,000</u>	<u>6,830,000</u>	<u>5,083,000</u>	<u>2,290,000</u>	<u>901,000</u>	<u>295,000</u>	<u>267,000</u>	<u>231,000</u>	<u>341,000</u>	<u>35,321,000</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	6.0950	6.0950	6.0950	6.0950	6.0950	6.0950	6.0950	6.0950	6.0950	6.0950
5	Demand Cost	780,924	780,924	780,924	776,338	776,338	776,338	776,338	776,338	776,338	776,338	776,338	776,338	9,329,814
<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	5.9250	5.9250	5.9250	5.9250	5.9250	5.9250	5.9250	5.9250	5.9250	5.9250
14	Demand Cost	2,723,438	2,723,438	2,723,438	2,706,990	2,706,990	2,706,990	1,353,495	1,353,495	1,353,495	1,353,495	1,353,495	1,353,495	24,412,254
15	Total TCO Demand Cost	4,919,957	4,919,957	4,919,957	4,898,923	4,898,923	4,898,923	3,545,428	3,545,428	3,545,428	3,545,428	3,545,428	3,545,428	50,729,208

(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	15.0053	15.0053	15.0053	15.0053	15.0053	15.0053	15.0053	15.0053	15.0053	
9	Demand Cost	35,133	35,133	35,133	35,142	35,142	35,142	35,142	35,142	35,142	35,142	35,142	35,142	421,677
<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	12.9517	12.9517	12.9517	12.9517	12.9517	12.9517	12.9517	12.9517	12.9517	
12	Demand Cost	64,739	64,739	64,739	64,759	64,759	64,759	64,759	64,759	64,759	64,759	64,759	64,759	777,048
<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	15.0120	15.0120	15.0120	15.0120	15.0120	15.0120	15.0120	15.0120	15.0120	
15	Demand Cost	2,371	2,371	2,371	2,372	2,372	2,372	2,372	2,372	2,372	2,372	2,372	2,372	28,461
<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	4.9360	4.9360	4.9360	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
18	Demand Cost	0	0	49,340	49,360	49,360	49,360	0	0	0	0	0	0	197,420
19	Total TETCO Demand Cost	237,612	237,612	286,952	287,002	287,002	287,002	237,642	237,642	237,642	237,642	237,642	237,642	3,049,034

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	1.8618	1.8618	1.8618	1.8618	1.8618	1.8618	1.8618	1.8618	1.8618	
3	Demand Cost	44,700	44,700	44,700	44,683	44,683	44,683	44,683	44,683	44,683	44,683	44,683	44,683	536,247
	<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	4.1619	4.1619	4.1619	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
9	Demand Cost	0	24,938	24,938	24,971	24,971	24,971	0	0	0	0	0	0	124,789
	<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	4.1619	4.1619	4.1619	4.1619	4.1619	4.1619	4.1619	4.1619	4.1619	
12	Demand Cost	94,421	104,646	104,646	104,784	104,784	104,784	93,556	93,556	93,556	93,556	93,556	93,556	1,179,401
13	Total DTI Demand Cost	166,253	201,416	201,416	201,570	201,570	201,570	165,371	165,371	165,371	165,371	165,371	165,371	2,166,021

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	14.8658	14.8658	14.8658	14.8658	14.8658	14.8658	14.8658	14.8658	14.8658	
3	Demand Cost	116,626	113,136	113,136	112,980	112,980	112,980	112,980	112,980	112,980	112,980	112,980	112,980	1,359,718
<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	14.8658	14.8658	14.8658	14.8658	14.8658	14.8658	14.8658	14.8658	14.8658	
6	Demand Cost	128,902	125,045	125,045	124,873	124,873	124,873	124,873	124,873	124,873	124,873	124,873	124,873	1,502,849
<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	5.2796	5.2796	5.2796	5.2796	5.2796	5.2796	5.2796	5.2796	5.2796	
9	Demand Cost	41,517	40,281	40,281	40,125	40,125	40,125	40,125	40,125	40,125	40,125	40,125	40,125	483,204
<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	5.2796	5.2796	5.2796	5.2796	5.2796	5.2796	5.2796	5.2796	5.2796	
12	Total-DTH	68,285	66,251	66,251	65,995	65,995	65,995	65,995	65,995	65,995	65,995	65,995	65,995	794,742
13	Total Tennessee Gas Demand Cost	355,330	344,713	344,713	343,973	343,973	343,973	343,973	343,973	343,973	343,973	343,973	343,973	4,140,513

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	414,000	387,000	106,000	0	0	0	0	0	0	1,421,000
5	Rate-\$/DTH	0.0000	0.0000	2.7631	1.7233	1.7886	1.8538	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
6	Cost-\$	0	0	1,420,233	713,446	692,188	196,503	0	0	0	0	0	0	3,022,370
<u>TEXAS EASTERN</u>														
7	Quantity - DTH	703,000	705,000	691,000	660,000	618,000	660,000	638,000	657,000	631,000	652,000	652,000	633,000	7,900,000
8	Rate-\$/DTH	2.7806	2.8558	2.9764	1.8651	1.9315	1.9980	2.1156	2.1862	2.2485	2.3087	2.3398	2.3481	
9	Cost-\$	1,954,762	2,013,339	2,056,692	1,230,966	1,193,667	1,318,680	1,349,753	1,436,333	1,418,804	1,505,272	1,525,550	1,486,347	18,490,165
<u>TENNESSEE GAS PIPELINE</u>														
10	Quantity - DTH	0	0	1,111,000	608,000	569,000	0	0	0	0	0	0	0	2,288,000
11	Rate-\$/DTH	0.0000	0.0000	3.0994	2.0115	2.0779	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
12	Cost-\$	0	0	3,443,433	1,222,992	1,182,325	0	0	0	0	0	0	0	5,848,750
<u>CAP</u>														
13	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
14	Rate-\$/DTH	3.3045	3.3045	3.3045	2.9197	2.9197	2.9197	2.9197	2.9197	2.9197	2.9197	2.9197	2.9197	
15	Cost-\$	802,994	776,558	802,994	686,130	642,334	686,130	665,692	686,130	665,692	686,130	686,130	665,692	8,452,606
<u>LESS CAP BILLING</u>														
16	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)
17	Rate-\$/DTH	3.3045	3.3045	3.3045	2.9197	2.9197	2.9197	2.9197	2.9197	2.9197	2.9197	2.9197	2.9197	
18	Cost-\$	(538,634)	(892,215)	(1,377,977)	(1,418,974)	(1,229,194)	(957,662)	(554,743)	(280,291)	(128,467)	(113,868)	(113,868)	(183,941)	(7,789,834)
19	Total - DTH	783,000	670,000	2,142,000	1,431,000	1,373,000	673,000	676,000	796,000	815,000	848,000	848,000	798,000	11,853,000
20	Total Term Commodity													
21	Cost-\$	2,219,122	1,897,682	6,345,375	2,434,560	2,481,320	1,243,651	1,460,702	1,842,172	1,956,029	2,077,534	2,097,812	1,968,098	28,024,057

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	1,317,000	891,000	392,000	3,772,000	3,275,000	2,514,000	2,412,000	2,377,000	2,463,000	22,166,000
2	Rate-\$/DTH	2.3928	2.7959	2.7096	1.7676	1.8380	1.9913	1.9142	1.9905	2.0420	2.1003	2.1279	2.1363	
3	Cost-\$	4,299,862	810,811	1,804,594	2,327,929	1,637,658	780,590	7,220,362	6,518,888	5,133,588	5,065,924	5,058,018	5,261,707	45,919,931
<u>Swing</u>														
4	Quantity - DTH	0	0	0	0	0	7,000	46,000	0	0	0	0	0	53,000
5	Rate-\$/DTH	0.0000	0.0000	0.0000	0.0000	0.0000	1.8881	1.9512	0.0000	0.0000	0.0000	0.0000	0.0000	
6	Cost-\$	0	0	0	0	0	13,217	89,755	0	0	0	0	0	102,972
7	Total - DTH	1,797,000	290,000	666,000	1,317,000	891,000	399,000	3,818,000	3,275,000	2,514,000	2,412,000	2,377,000	2,463,000	22,219,000
8	Total Spot													
9	Commodity Cost - \$	4,299,862	810,811	1,804,594	2,327,929	1,637,658	793,807	7,310,117	6,518,888	5,133,588	5,065,924	5,058,018	5,261,707	46,022,903
<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	1.6720	1.7360	1.8000	1.8610	1.9290	1.9890	2.0470	2.0770	2.0850	
12	Cost-\$	55,286	53,655	59,224	36,784	34,720	39,600	39,081	42,438	41,769	45,034	45,694	43,785	537,070
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	36,784	34,720	39,600	39,081	42,438	41,769	45,034	45,694	43,785	537,070

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	1.7323	1.8183	1.8983	1.9513	2.0533	2.1290	2.1905	2.2181	2.2164	
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	3.0615	3.0615	3.0571	2.8071	2.6125	2.5133	2.4584	2.4234	2.3980	
5	Cost-\$	(740,294)	326,194	1,169,374	1,616,472	970,496	452,451	(347,539)	(433,246)	(449,219)	(462,196)	(468,019)	(467,660)	1,166,814
6	Injection Rate \$/Dth	0.0318	0.0318	0.0318	0.0262	0.0262	0.0262	0.0262	0.0262	0.0262	0.0262	0.0262	0.0262	
7	Withdrawal Rate \$/Dth	0.0220	0.0220	0.0220	0.0180	0.0180	0.0180	0.0180	0.0180	0.0180	0.0180	0.0180	0.0180	
8	Cost - \$	9,317	2,332	8,360	9,504	5,706	2,664	8,843	5,528	5,528	5,528	5,528	5,528	74,366
<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	1.7323	1.8183	1.8983	1.9513	2.0533	2.1290	2.1905	2.2181	2.2164	
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	3.0615	3.0615	3.0571	2.8071	2.6125	2.5133	2.4584	2.4234	2.3980	
13	Cost-\$	(406,783)	230,798	1,153,988	1,148,063	918,450	0	(314,159)	(330,581)	(342,769)	(352,671)	(357,114)	(356,840)	990,382
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	(48,000)	(1,934,000)	(3,264,000)	(3,264,000)	(3,264,000)	(3,264,000)	(3,130,000)	(19,066,000)
17	Injection Rate - \$/Dth	2.5266	2.8156	2.9008	1.7323	1.8183	1.8983	1.9513	2.0533	2.1290	2.1905	2.2181	2.2164	
18	Withdrawals - DTH	0	2,846,000	3,454,000	4,865,000	4,845,000	4,383,000	0	0	0	0	0	0	20,393,000
19	Withdrawal Rate - \$/Dth	3.0773	3.0773	3.0773	3.0615	3.0615	3.0571	2.8071	2.6125	2.5133	2.4584	2.4234	2.3980	
20	Cost-\$	(2,241,094)	8,757,996	10,597,085	14,894,198	14,832,968	13,308,151	(3,773,814)	(6,701,971)	(6,949,056)	(7,149,792)	(7,239,878)	(6,937,332)	21,397,461
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	74,435	74,129	67,794	29,590	49,939	49,939	49,939	49,939	47,889	603,723
23	Quantity - DTH	(1,341,000)	3,027,000	4,198,000	5,768,000	5,462,000	4,483,000	(2,306,000)	(3,636,000)	(3,636,000)	(3,636,000)	(3,636,000)	(3,502,000)	1,245,000
24	Total Purchase Cost	(3,388,171)	9,314,988	12,920,447	17,658,733	16,721,914	13,760,602	(4,435,512)	(7,465,798)	(7,741,044)	(7,964,659)	(8,065,011)	(7,761,832)	23,554,657
25	Total Inject/With. Cost	22,888	45,876	61,375	83,939	79,835	70,458	38,433	55,467	55,467	55,467	55,467	53,417	678,089

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	(48,000)	(1,934,000)	(3,264,000)	(3,264,000)	(3,264,000)	(3,264,000)	(3,130,000)	(19,066,000)
2	Withdrawals - DTH	0	2,846,000	3,454,000	4,865,000	4,845,000	4,383,000	0	0	0	0	0	0	20,393,000
3	Trans. Chrg. \$/Dth	0.0196	0.0194	0.0194	0.0192	0.0192	0.0192	0.0194	0.0194	0.0194	0.0194	0.0194	0.0194	
4	Cost-\$	17,385	55,212	67,221	93,408	93,024	85,076	37,520	63,322	63,322	63,322	63,322	60,722	762,856
<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	0.0142	0.0142	0.0142	0.0194	0.0194	0.0194	0.0194	0.0194	0.0194	
8	Cost-\$	5,743	1,929	6,916	7,498	4,501	2,102	7,003	4,093	4,093	4,093	4,093	4,093	56,157
<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	5,768,000	5,462,000	4,483,000	(2,306,000)	(3,636,000)	(3,636,000)	(3,636,000)	(3,636,000)	(3,502,000)	1,245,000
14	Total EUB - DTH	271,000	(228,000)	(762,000)	(1,033,000)	(916,000)	(494,000)	81,000	444,000	581,000	621,000	620,000	561,000	(254,000)
15	Total DTH	(1,070,000)	2,799,000	3,436,000	4,735,000	4,546,000	3,989,000	(2,225,000)	(3,192,000)	(3,055,000)	(3,015,000)	(3,016,000)	(2,941,000)	991,000
16	Total Purchase Cost	(3,388,171)	9,314,988	12,920,447	17,658,733	16,721,914	13,760,602	(4,435,512)	(7,465,798)	(7,741,044)	(7,964,659)	(8,065,011)	(7,761,832)	23,554,657
17	Total Choice Bank Cost	742,540	(624,720)	(2,087,880)	(2,187,997)	(1,940,180)	(1,046,341)	171,566	940,436	1,230,616	1,315,340	1,479,940	1,339,107	(667,573)
18	Total Inject/With. Cost	22,888	45,876	61,375	83,939	79,835	70,458	38,433	55,467	55,467	55,467	55,467	53,417	678,089
19	Total Transp. Charge	23,128	57,141	74,137	100,906	97,525	87,178	44,523	67,415	67,415	67,415	67,415	64,815	819,013
20	Total Storage Cost	(2,599,615)	8,793,285	10,968,079	15,655,581	14,959,094	12,871,897	(4,180,990)	(6,402,480)	(6,387,546)	(6,526,437)	(6,462,189)	(6,304,493)	24,384,186

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)	(836,068)	(263,530)	(1,099,598)
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)	1,119,216	1,609,644	2,728,860
6	Over (Under) Collection for the period October, 2014 through			
7	September 2015 (See Schedule 4 herein)	5,602,288	21,177,349	26,779,637
8	Interest on Over (Under) Collection for the period October, 2014 through			
9	September, 2015 (See Schedule 4 herein)	883,744	1,108,291	1,992,035
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>6,769,180</u>	<u>23,631,754</u>	<u>30,400,934</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 Therm	Rate \$/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	Beginning Balance Adjustment				(2,013) 4/
5	Beginning Balance Adjustment				(25) 5/
5	October, 2014	4,599,210	(0.00494)	(22,720)	
6		5,104,880	0.00252	12,864	
7	November	23,348,960	(0.00494)	(115,344)	
8		220,150	0.00252	555	
9	December	52,063,270	(0.00494)	(257,193)	
10		9,150	0.00252	23	
11	January, 2015 1_/	36,341,730	(0.00321)	(116,657)	
12		30,789,280	(0.00494)	(152,099)	
13	February	72,545,340	(0.00321)	(232,871)	
14		745,130	(0.00494)	(3,681)	
15	March	71,574,170	(0.00321)	(229,753)	
16		22,350	(0.00494)	(110)	
17	April	38,539,130	(0.00321)	(123,711)	
18	May	15,876,200	(0.00321)	(50,963)	
19	June	8,215,450	(0.00321)	(26,372)	
20	July	6,570,070	(0.00321)	(21,090)	
21	August	5,936,090	(0.00321)	(19,055)	
22	September	6,162,380	(0.00321)	(19,781)	
23	Amount Collected/(Passed Back) during 2014 1307(f) Period				<u>(1,377,958)</u>
24	Amount to be Collected in the 2015 1307(f)				<u><u>(263,530)</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 (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.

4_/ This reflects the remaining under-collected 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.

5_/ This reflects remaining under-collected position of the Gulf refunds (Docket No. P-2012-2292298) to be included in commodity e-factor for recovery due to the balance being under \$20K.

COLUMBIA GAS OF PENNSYLVANIA, INC.

Exhibit 1-E
Schedule 2b

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

Line No.	Month	<u>DEMAND</u>			Net Demand Over (Under) Collection
		Sales Subject to Demand E-Factor Therm	Rate \$/Therm	Amount \$	
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	Beginning Balance Adjustment				(7,202) 5/
6	Beginning Balance Adjustment				(15,104) 6/
7	October, 2014	6,079,500	(0.02355)	(143,172)	
8		6,877,900	(0.01784)	(122,702)	
9	November	32,133,330	(0.02355)	(756,741)	
10		(49,880)	(0.01784)	890	
11	December	70,304,800	(0.02355)	(1,655,678)	
12	January, 2015 1_/	48,671,940	(0.02454)	(1,194,409)	
13		42,260,860	(0.02355)	(995,243)	
14	February	98,989,940	(0.02454)	(2,429,213)	
15		(57,190)	(0.02355)	1,347	
16	March	96,361,330	(0.02454)	(2,364,707)	
17	April	51,808,380	(0.02454)	(1,271,378)	
18	May	21,320,670	(0.02454)	(523,209)	
19	June	10,854,830	(0.02454)	(266,378)	
20	July	8,501,380	(0.02454)	(208,624)	
21	August	7,632,010	(0.02454)	(187,290)	
22	September	7,914,850	(0.02454)	(194,230)	
23	Amount Collected/(Passed Back) in the 2014 1307(f) Period				<u>(12,310,737)</u>
24	Amount to be Collected in the 2015 1307(f)				<u>(836,068)</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.

5_/ This reflects the under-collected position of the TCO Modernization Demand Refund (Docket R-2012-2321748) proceeds that were to be allocated to Residential customers in PUC Order at Docket No. P-2013-2371147. Due to the remaining balance being under \$20K, it is being included in the demand e-factor for recovery.

6_/ This reflects the under-collected position of the TCO Modernization Demand Refund (Docket R-2012-2321748) proceeds that were to be allocated to Non-Residential customers in PUC Order at Docket No. P-2013-2371147. Due to the remaining balance being under \$20K, it is being included in the demand e-factor for recovery.

COLUMBIA GAS OF PENNSYLVANIA, INC.

RECONCILIATION OF OFF SYSTEM SALES CREDIT
FROM 2014 - 1307(f)

COMMODITY

Line No.	Month	Sales Subject to Off-System Sales Credit	Rate	Amount	Net Commodity Over (Under) Collection
		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	5,686,420	(0.01052)	(59,821)	
16	Amount Passed Back in the 2014 1307 (f)				<u>(3,875,004)</u>
17	Unified Sharing Mechanism - \$9,141,080 (60% Commodity)				5,484,648
18	Amount to be Passed Back in the 2015 1307(f)				<u><u>1,609,644</u></u>

1_/ Rate in effect January 1, 2015.

COLUMBIA GAS OF PENNSYLVANIA, INC.

RECONCILIATION OF OFF SYSTEM SALES CREDIT
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	7,914,850	(0.00498)	(39,416)	
15	Amount Passed Back in the 2014 1307(f)				<u>(2,537,216)</u>
16	Unified Sharing Mechanism - \$9,141,080 (40% Demand)				3,656,432
17	Amount to be Passed Back in the 2015 1307(f)				<u>1,119,216</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 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	<u>2,280,924</u>	<u>5,589</u>	<u>2,286,513</u>	<u>2,094,831</u>	<u>191,682</u>	7 / 12	8.00%	<u>8,945</u>	<u>200,627</u>
13	TOTAL	<u><u>162,761,656</u></u>	<u><u>234,937</u></u>	<u><u>162,996,594</u></u>	<u><u>141,819,245</u></u>	<u><u>21,177,349</u></u>			<u><u>1,108,291</u></u>	<u><u>22,285,640</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 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	<u>1,007,800</u>	<u>52</u>	<u>49,920</u>	<u>21</u>	<u>1,057,793</u>	<u>4,194,883</u>	<u>(3,137,090)</u>	7 / 12	8.00%	<u>(146,398)</u>	<u>(3,283,488)</u>
13	TOTAL	<u>63,061,903</u>	<u>3,713</u>	<u>543,235</u>	<u>10,072</u>	<u>63,618,924</u>	<u>58,016,635</u>	<u>5,602,288</u>			<u>883,744</u>	<u>6,486,032</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	71,968,869		32,475,262
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	70,112,516		31,631,941
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	37,430,275		16,567,866
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	0	-	232
29	Total	15,188,971		6,424,980

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

LINE NO.	MONTH	SALES SUBJECT TO COMMODITY COST OF GAS	COMMODITY COST OF GAS	TOTAL COMMODITY COST RECOVERY
		(1) THERM	(2) \$/THERM	(3 = 1 x 2) \$
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	<u>7,740,546</u>		<u>3,274,095</u>
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	<u>6,541,375</u>		<u>2,611,795</u>
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	<u>5,820,936</u>		<u>2,188,251</u>
24	September, 2015 Est.	5,790,556	0.37614	2,178,060
25	September, 2015 CAP	369,227	0.38302	141,421
26	August, 2015 Est.	(5,598,756)	0.37614	(2,105,916)
27	August, 2015 Act.	5,497,426	0.37614	2,067,802
28	August - Interruptible Less NSS Act.	(1,640)	0.31125	(510)
29	August Act. Prior Period Adjustments			68
30	Total	<u>6,056,813</u>		<u>2,280,924</u>
31	TOTAL	<u><u>369,635,972</u></u>		<u><u>162,761,656</u></u>

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

LINE NO.	MONTH	RATE SCHEDULE NSS		NSS GAS COST RECOVERY
		VOLUMES (1) THERM	RATE (2) \$/THERM	(3=1*2) \$
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.	25,007	0.25171	6,295
46	August, 2015 Act.	22,460	0.27827	6,250
47	August, 2015 Est.	<u>(24,997)</u>	0.27827	<u>(6,956)</u>
48		22,470		5,589
49	TOTAL	<u>764,311</u>		<u>234,937</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	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	Sept., 2015 Est.	5,790,556	0.13501	781,783
40	Sept. Choice - Est.	2,032,880	0.10511	213,676
41	Sept. Est. Priority One Transportation	282,250	0.13501	38,107
42	August Estimate	(5,598,756)	0.13501	(755,888)
43	August Actual	5,497,426	0.13501	742,207
44	August Choice - Est.	(1,923,314)	0.10511	(202,160)
45	August Choice - Act.	1,923,314	0.10511	202,160
46	August Est. Priority One Transportation	(302,680)	0.13501	(40,865)
47	August Act. Priority One Transportation	213,170	0.13501	28,780
48	Total	7,914,846		1,007,800
49	TOTAL	509,604,542		63,061,903

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.	25,007	0.00226	57	25,007	0.00093	23
46	August, 2015 Act.	22,460	0.00226	51	22,460	0.00093	21
47	August, 2015 Est.	<u>(24,997)</u>	0.00226	<u>(56)</u>	<u>(24,997)</u>	0.00093	<u>(23)</u>
48		22,470		52	22,470		21
49	TOTAL	<u>764,311</u>		<u>3,713</u>	<u>764,311</u>		<u>10,072</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>