

**BEFORE
THE PUBLIC UTILITIES COMMISSION OF OHIO**

In the Matter of the Annual Application)
of Columbia Gas of Ohio, Inc. for an Ad-) Case No. 16-2236-GA-RDR
justment to Rider IRP and Rider DSM)
Rates.)

**NOTICE OF INTENT
TO FILE AN APPLICATION TO ADJUST
RIDER IRP AND RIDER DSM RATES
OF COLUMBIA GAS OF OHIO, INC.**

Pursuant to the Commission's December 3, 2008 Opinion and Order in Case Nos. 08-0072-GA-AIR, et al. ("the Columbia Rate Case") Columbia Gas of Ohio, Inc. ("Columbia") submits this Notice of Intent to File an Application to Adjust Rider IRP and Rider DSM Rates ("Pre-Filing Notice") for costs incurred during calendar year 2016.

In the Columbia Rate Case, the Commission approved Columbia's use of an automatic adjustment mechanism to recover costs associated with Columbia's Infrastructure Replacement Program ("IRP") and its Demand Side Management ("DSM") Program. The Commission's Order in the Columbia Rate Case contemplated periodic filings of applications and adjustments of Rider IRP and Rider DSM. The current rates for Rider IRP and Rider DSM were approved in the Commission's April 20, 2016 Opinion and Order in Case No. 15-1918-GA-RDR. The Commission approved Rider IRP and Rider DSM and the annual adjustment mechanism for the riders in the Columbia Rate Case in accordance with the alternative rate plan provisions in R.C. § 4929.05. Therefore, the application to be filed in this docket will not be an application for an increase in rates under R.C. § 4909.18.

In order to facilitate a timely review of the application to be filed in this docket, Columbia hereby submits the following:

(1) PFN Exhibit 1

- (a) This Pre-Filing Notice is Columbia's statement of notice of intent to file an application for an adjustment of Columbia's Rider IRP and DSM rates;
- (b) The service area to be included in the application for an adjustment of Columbia's Rider IRP and DSM rates includes all of Columbia's customers served in the following counties:

Allen	Ashland	Athens	Belmont	Carroll
Champaign	Clark	Columbiana	Coshocton	Crawford
Cuyahoga	Delaware	Erie	Fairfield	Franklin
Fulton	Gallia	Greene	Guernsey	Hancock
Hardin	Harrison	Hocking	Holmes	Huron
Jackson	Jefferson	Knox	Lawrence	Licking
Logan	Lorain	Lucas	Madison	Mahoning
Marion	Medina	Meigs	Monroe	Morgan
Morrow	Muskingum	Noble	Ottawa	Perry
Pickaway	Richland	Ross	Sandusky	Scioto
Seneca	Stark	Summit	Tuscarawas	Union
Vinton	Warren	Washington	Wayne	Wood
Wyandot				

- (c) The application will be based on the test period for the twelve months ending December 31, 2016, and on a date certain of December 31, 2016.

- (2) PFN Exhibit 2 - A listing of the incorporated municipalities included in the application, and the titles and addresses of the mayors and legislative authorities to whom copies of this Pre-Filing Notice were sent, is attached hereto as PFN Exhibit 2. Also, included at the end of this listing is an additional list of the other entities served with copies of this Pre-Filing Notice.
- (3) PFN Exhibit 3 - Copies of the proposed tariff sheets that are intended to replace or add to current tariff schedules are attached hereto as PFN Exhibit 3.
- (4) PFN Exhibit 4 - A copy of the Typical Bill Comparison, is attached hereto as PFN Exhibit 4.
- (5) PFN Exhibit 5 – A copy of the letter sent to mayors and legislative authorities of municipalities listed in PFN Exhibit 2.
- (6) PFN Exhibit 6 – A summary of rates by class
- (7) PFN Exhibit 7A – Study – Rider IRP (AMRP)
PFN Exhibit 7B – Study – Rider IRP (Risers)
PFN Exhibit 7C – Study – Rider IRP (AMRD)
PFN Exhibit 7D – Study – Rider DSM

In February, 2017, Columbia will file its application for approval of a specific Rider IRP rate and a specific Rider DSM rate based on updated schedules reflecting actual costs incurred for the test year. The proposed tariffs attached hereto as Columbia's PFN Exhibit 3 would generate annual base rate revenue increases of approximately \$33.0 million associated with Rider IRP and \$0.5 million associated with Rider DSM, and are required to provide Columbia with the opportunity to earn a fair rate of return.

Respectfully submitted,

COLUMBIA GAS OF OHIO, INC.

By: /s/ Joseph M. Clark

Joseph M. Clark (Counsel of Record)

Stephen B. Seiple, Asst. Gen. Counsel (0003809)

Joseph M. Clark, Sr. Counsel (0080711)

P.O. Box 117

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(Willing to accept service by email)

Attorneys for

COLUMBIA GAS OF OHIO, INC.

PFN EXHIBIT 2

LISTING OF
INCORPORATED MUNICIPALITIES,
MAYORS AND
LEGISLATIVE AUTHORITIES,
AND OTHER PARTIES
SERVED WITH THIS NOTICE

LIST OF MUNICIPALITIES

CASE NO. 16-2236-GA-RDR
PFN EXHIBIT 2A

Village of Ada
Mayor
Council President
115 W. Buckeye Ave., P.O. Box 292
Ada, OH 45810

Village of Adelphi
Mayor
Clerk/Treasurer
11759 Market St., P.O. Box 568
Adelphi, OH 43101

Village of Albany
Mayor
Clerk/Treasurer
P.O. Box 153
Albany, OH 45710

Village of Alexandria
Mayor
Council President
4 W. Main, P.O. Box 96
Alexandria, OH 43001

Village of Alger
Mayor
Solicitor
207 Angle St, Box 400
Alger, OH 45812

City of Alliance
Mayor
Council President
504 E. Main St.
Alliance, OH 44601

Village of Amanda
Mayor
Clerk/Treasurer
116 E. Main St., P.O. Box 250
Amanda, OH 43102

Village of Amesville
Mayor
Council President
P.O. Box 190
Amesville, OH 45711

City of Amherst
Mayor
Clerk
206 S. Main St.
Amherst, OH 44001

Village of Amsterdam
Mayor
Clerk/Treasurer
103 Springfield St.
Amsterdam, OH 43903 0115

City of Ashland
Mayor
Clerk
206 Claremont Ave.
Ashland, OH 44805

Village of Ashley
Mayor
Fiscal Officer
14 E. High St.
Ashley, OH 43003

Village of Ashville
Mayor
Clerk/Treasurer
200 Station St., P.O. Box 195
Ashville, OH 43103

City of Athens
Mayor
Clerk
8 E. Washington St.
Athens, OH 45701

LIST OF MUNICIPALITIES

CASE NO. 16-2236-GA-RDR
PFN EXHIBIT 2A

Village of Attica
Mayor
Clerk/Treasurer
20 S. Main St., P.O. Box 564
Attica, OH 44807

City of Avon Lake
Mayor
Council President
150 Avon Belden Rd.
Avon Lake, OH 44012

City of Avon
Mayor
Council President
36080 Chester Rd.
Avon, OH 44011

Village of Bailey Lakes
Mayor
Council President
P.O. Box 989
Bailey Lakes, OH 44805

Village of Bairdstown
Mayor
Council President
101 W. Main St., North Baltimore
Bairdstown, OH 45872

Village of Baltimore
Mayor
Council President
103 W. Market St.
Baltimore, OH 43105

Village of Barnesville
Mayor
Clerk/Treasurer
P.O. Box 190
Barnesville, OH 43713

Village of Bay View
Mayor
Clerk/Treasurer
304 E. Bay View Dr.
Bay View, OH 44870

City of Bay Village
Mayor
Council President
350 Dover Center Rd.
Bay Village, OH 44140

Village of Beach City
Mayor
Clerk/Treasurer
105 E. Main St., Box 695
Beach City, OH 44608 0695

Village of Bellaire
Mayor
Clerk/Treasurer
3197 Belmont St.
Bellaire, OH 43906

Village of Belle Center
Mayor
Council President
104 W. Buckeye St., P.O. Box 508
Belle Center, OH 43310

Village of Belle Valley
Mayor
Fiscal Officer
15959 Wolf Run Rd., Caldwell
Belle Valley, OH 43724

City of Bellevue
Mayor
Clerk
3000 Seneca Industrial Parkway
Bellevue, OH 44811

LIST OF MUNICIPALITIES

CASE NO. 16-2236-GA-RDR
PFN EXHIBIT 2A

Village of Bellville
Mayor
Council President
142 Park Pl.
Bellville, OH 44813

Village of Belmont
Mayor
Clerk
P.O. Box 68
Belmont, OH 43718

Village of Beloit
Mayor
Clerk/Treasurer
5th St., P.O. Box 276
Beloit, OH 44609

City of Berea
Mayor
Clerk
11 Berea Commons
Berea, OH 44017

Village of Bergholz
Mayor
Clerk/Treasurer
P.O. Box 242
Bergholz, OH 43908

Village of Berlin Heights
Mayor
Council President
8 W. Main St., P.O. Box 30
Berlin Heights, OH 44814

Village of Bethesda
Mayor
Clerk/Treasurer
P.O. Box 95
Bethesda, OH 43719

City of Bexley
Mayor
Clerk
2242 E. Main St.
Bexley, OH 43209

Village of Bloomdale
Mayor
Clerk/Treasurer
102 S. Maple St.
Bloomdale, OH 44817

Village of Bloomville
Mayor
Clerk/Treasurer
10 Beeghly Ave.
Bloomville, OH 44818

Village of Bolivar
Mayor
Clerk/Treasurer
109 N. Canal St., P.O. Box 117
Bolivar, OH 44612

City of Bowling Green
Mayor
Clerk
304 N. Church St.
Bowling Green, OH 43402

Village of Bradner
Mayor
Clerk/Treasurer
130 N. Main St., P.O. Box 599
Bradner, OH 43406

Village of Bremen
Mayor
Clerk/Treasurer
P.O. Box 127
Bremen, OH 43107

LIST OF MUNICIPALITIES

CASE NO. 16-2236-GA-RDR
PFN EXHIBIT 2A

Village of Brewster
Mayor
Clerk/Treasurer
302 S. Wabash
Brewster, OH 44613

Village of Brice
Mayor
Clerk/Treasurer
P.O. Box 65, 5990 Columbus St.
Brice, OH 43109

Village of Brilliant
Mayor/Trustees
409 Prospect Street
Brilliant, Ohio 43913

City of Broadview Heights
Mayor
Clerk
9543 Broadview Rd.
Broadview Heights, OH 44147

Village of Bridgeport
Mayor
Council
301 Main St.
Bridgeport, OH 43912

City of Brunswick
Mayor
Clerk
4095 Center
Brunswick, OH 44212

Village of Brookside
Mayor
Clerk/Treasurer
875 National Rd.
Brookside, OH 43912

City of Bucyrus
Mayor
Council
500 S. Sandusky Ave.
Bucyrus, OH 44820

Village of Buchtel
Mayor
Clerk/Treasurer
17710 N. Akron Ave., P.O. Box 311
Buchtel, OH 45716

Village of Butler
Mayor
Council
33 W. Elm St., P.O. Box 307
Butler, OH 44822

Village of Burbank
Mayor
Clerk/Treasurer
P.O. Box 145
Burbank, OH 44214

Village of Cadiz
Mayor
Clerk/Treasurer
128 Court St.
Cadiz, OH 43907

Village of Byesville
Mayor
Clerk/Treasurer
221 Main St., P.O. Box 8
Byesville, OH 43723

Village of Caledonia
Mayor
Clerk/Treasurer
P.O. Box 110
Caledonia, OH 43314 0110

LIST OF MUNICIPALITIES

CASE NO. 16-2236-GA-RDR
PFN EXHIBIT 2A

Village of Caldwell
Mayor
Clerk/Treasurer
215 West St.
Caldwell, OH 43724 1380

Village of Canal Winchester
Mayor
Council
36 S. High St.
Canal Winchester, OH 43110

City of Cambridge
Mayor
Clerk
1131 Steubenville Ave.
Cambridge, OH 43725

Village of Cardington
Mayor
Clerk
215 Park St.
Cardington, OH 43315

Village of Carey
Mayor
Clerk/Treasurer
127 N. Vance St.
Carey, OH 43316

Village of Carroll
Mayor
Clerk/Treasurer
68 Center St., P.O. Box 367
Carroll, OH 43112

Village of Carrollton
Mayor
Clerk/Treasurer
80 Second St. SW
Carrollton, OH 44615

Village of Castalia
Mayor
Clerk/Treasurer
126 Main St., P.O. Box 451
Castalia, OH 44824

Village of Centerburg
Mayor
Clerk/Treasurer
P.O. Box D
Centerburg, OH 43011

Village of Chauncey
Mayor
Clerk/Treasurer
42 Converse St., P.O. Box 227
Chauncey, OH 45719

Village of Chesapeake
Mayor
Clerk/Treasurer
P.O. Box 388
Chesapeake, OH 45619

Village of Cheshire
Mayor
Council
119 State Route 554, P.O. Box 276
Cheshire, OH 45620

Village of Chesterhill
Mayor
Clerk/Treasurer
7380 Marion St., P.O. Box 191
Chesterhill, OH 43728

City of Chillicothe
Mayor
Clerk
35 S. Paint St.
Chillicothe, OH 45601

LIST OF MUNICIPALITIES

CASE NO. 16-2236-GA-RDR
PFN EXHIBIT 2A

Village of Chippewa Lake & Briarwood Beach
Mayor
Clerk/Treasurer
P.O. Box 25
Chippewa Lake, OH 44215 0025

City of Circleville
Mayor
Clerk
130 Court St.
Circleville, OH 43113

Village of Clarington
Mayor
Clerk/Treasurer
361 Market St., P.O. Box 215
Clarington, OH 43915

Village of Clay Center
Mayor
Clerk
450 Main St.
Clay Center, OH 43408

City of Clyde
Mayor
Clerk
222 N. Main St.
Clyde, OH 43410

Village of Coal Grove
Mayor
Clerk/Treasurer
513 Carlton Davidson Ln.
Coal Grove, OH 45638

Village of Coalton
Mayor
Council
P.O. Box 98
Coalton, OH 45621

City of Columbiana
Mayor
Council
28 W. Friend St.
Columbiana, OH 44408

City of Columbus
Mayor
Clerk
90 W. Broad St.
Columbus, OH 43215

Village of Commercial Point
Mayor
Council
P.O. Box 56
Commercial Point, OH 43116

Village of Conesville
Mayor
Clerk/Treasurer
P.O. Box 204
Conesville, OH 43811

Village of Congress
Mayor
Clerk/Treasurer
106 S Maple St
West Salem, OH 44287

Village of Coolville
Mayor
Clerk/Treasurer
P.O. Box 64
Coolville, OH 45723

Village of Corning
Mayor
Council
115 Corning Ave., P.O. Box 447
Corning, OH 43730

LIST OF MUNICIPALITIES

CASE NO. 16-2236-GA-RDR
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City of Coshocton
Mayor
Council
760 Chestnut St.
Coshocton, OH 43812

City of Crestline
Mayor
Council
100 N. Seltzer St
Crestline, OH 44827

Village of Creston
Mayor
Clerk/Treasurer
100 N. Main St., P.O. Box 194
Creston, OH 44217

Village of Crooksville
Mayor
Clerk/Treasurer
98 S. Buckeye St.
Crooksville, OH 43731

Village of Cumberland
Mayor
Clerk/Treasurer
444 W. Main St.
Cumberland, OH 43732

Village of Dalton
Mayor
Clerk/Treasurer
1 W. Main St., P.O. Box 493
Dalton, OH 44618

City of Delaware
Mayor
Clerk
1 S. Sandusky St.
Delaware, OH 43015

Village of Donnelsville
Mayor
Clerk/Treasurer
15 S. Hampton Rd., P.O. Box 36
Donnelsville, OH 45319

Village of Dresden
Mayor
Clerk/Treasurer
904 Chestnut St., P.O. Box 539
Dresden, OH 43821

City of Dublin
Mayor
Clerk
5200 Emerald Pkwy.
Dublin, OH 43017

City of East Liverpool
Mayor
Council
126 W. Sixth St.
East Liverpool, OH 43920

Village of East Sparta
Mayor
Clerk/Treasurer
9353 Main St., P.O. Box 302
East Sparta, OH 44626

Village of Edison
Mayor
Council
103 N. Boundary St., P.O. Box 245
Edison, OH 43320

Village of Elmore
Mayor
Council
344 Rice St., P.O. Box 3
Elmore, OH 43416

LIST OF MUNICIPALITIES

CASE NO. 16-2236-GA-RDR
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City of Elyria
Mayor
Law
131 Court St.
Elyria, OH 44035

Village of Empire
Mayor
Council
151 Nessley St., P.O. Box 307
Empire, OH 43926

Village of Enon
Mayor
Clerk/Treasurer
363 E. Main St., P.O. Box 232
Enon, OH 45323

City of Findlay
Mayor
Clerk
318 Dorney Plaza
Findlay, OH 45840

Village of Flushing
Mayor
Council
212 High St., P.O. Box 66
Flushing, OH 43977

City of Fostoria
Mayor
Clerk
213 S. Main St.
Fostoria, OH 44830

Village of Frazeesburg
Mayor
Clerk/Treasurer
7 Second St., P.O. Box 160
Frazeesburg, OH 43822

Village of Fredericksburg
Mayor
Clerk/Treasurer
206 N. Mills St., P.O. Box 278
Fredericksburg, OH 44627

Village of Fredericktown
Mayor
Council
2 E. Sandusky St.
Fredericktown, OH 43019

City of Fremont
Mayor
Council
323 S. Front St.
Fremont, OH 43420

Village of Fulton
Mayor
Clerk/Treasurer
120 W. Main St., P.O. Box 5
Fulton, OH 43321

Village of Fultonham
Mayor
Clerk/Treasurer
7740 Old Town Rd., P.O. Box 285
Fultonham, OH 43738

City of Gahanna
Mayor
Council
200 S. Hamilton Rd.
Gahanna, OH 43230

Village of Galena
Mayor
Council
9 W. Columbus St.
Galena, OH 43021

LIST OF MUNICIPALITIES

CASE NO. 16-2236-GA-RDR
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City Galion
Manager
Council
301 Harding Way
Galion, OH 44833

Village of Gallipolis
Manager
Clerk/Treasurer
333 Third Ave
Gallipolis, OH 45631

Village of Gambier
Mayor
Clerk/Treasurer
115 Meadow Ln., P.O. Box 1984
Gambier, OH 43022

Village of Genoa
Mayor
Council
102 E. Sixth St.
Genoa, OH 43430

Village of Gibsonburg
Mayor
Council
120 N. Main St.
Gibsonburg, OH 43431

Village of Gloria Glens Park
Mayor
Clerk/Treasurer
P.O. Box 457
Chippewa Lake, OH 44215

Village of Glouster
Mayor
Clerk/Treasurer
16 Front St.
Glouster, OH 45732

Village of Gnadenhutten
Mayor
Clerk/Treasurer
131 S. Walnut St., P.O. Box 129
Gnadenhutten, OH 44629

Village of Grafton
Mayor
Clerk/Treasurer
960 Main St.
Grafton, OH 44044

City of Grandview Heights
Mayor
Council
1016 Grandview Ave.
Grandview Heights, OH 43212

Village of Granville
Mayor
Clerk
141 E. Broadway, P.O. Box 514
Granville, OH 43023

Village Green Camp
Member
Clerk
200 Main St., P.O. Box 43
Green Camp, OH 43322 0043

Village of Green Springs
Mayor
Clerk/Treasurer
120 Catherine St., P.O. Box 536
Green Springs, OH 44836

Village of Greenwich
Mayor
Clerk/Treasurer
45 Main St.
Greenwich, OH 44837

LIST OF MUNICIPALITIES

CASE NO. 16-2236-GA-RDR
PFN EXHIBIT 2A

City of Grove City
Mayor
Council
4035 Broadway St.
Grove City, OH 43123

Village of Groveport
Mayor
Clerk
655 Blacklick St.
Groveport, OH 43125

Village of Hamden
Mayor
Council
48 Railroad St., P.O. Box 355
Hamden, OH 45634

Village of Hanging Rock
Mayor
Clerk/Treasurer
100 Scioto Ave.
Hanging Rock, OH 45638

Village of Hanover
Mayor
Clerk/Treasurer
224 Valley Blvd. NE, Newark
Hanover, OH 43055

Village of Hanoverton
Mayor
Clerk
P.O. Box 177
Hanoverton, OH 44423

Village of Harpster
Mayor
Clerk/Treasurer
P.O. Box 96
Harpster, OH 43323 0096

Village of Harrisburg
Mayor
Clerk/Treasurer
P.O. Box 17, 1100 High St.
Harrisburg, OH 43126

Village of Hartford
Mayor
Council
PO Box 253
Croton, OH 43013

Village of Hayesville
Mayor
Clerk/Treasurer
5 S. Mechanic St.
Hayesville, OH 44838

Village of Hebron
Mayor
Council
934 W. Main St., P.O. Box 898
Hebron, OH 43025

Village of Helena
Mayor
Clerk/Treasurer
P.O. Box 85
Helena, OH 43435

Village of Hemlock
Mayor
Clerk/Treasurer
8810 Main St. SE
Hemlock, OH 43730 9217

City of Hilliard
Mayor
Clerk
3800 Municipal Way
Hilliard, OH 43026

LIST OF MUNICIPALITIES

CASE NO. 16-2236-GA-RDR
PFN EXHIBIT 2A

Village of Holland
Mayor
Clerk/Treasurer
1245 Clarion Ave.
Holland, OH 43528

Village of Hopedale
Mayor
Clerk/Treasurer
105 E. Main St., P.O. Box 476
Hopedale, OH 43976

City of Huron
Mayor
Clerk
417 Main St.
Huron, OH 44839

Village of Irondale
Mayor
Clerk/Treasurer
P.O. Box 211
Irondale, OH 43932

City of Ironton
Mayor
Clerk
301 S. 3rd St., P.O. Box 704
Ironton, OH 45638

City of Jackson
Mayor
Council
145 Broadway St.
Jackson, OH 45640

Village of Jacksonville
Mayor
Fiscal
P.O. Box 185
Jacksonville, OH 45740

Village of Jeromesville
Mayor
Clerk/Treasurer
P.O. Box 83
Jeromesville, OH 44840

Village of Jewett
Mayor
Clerk/Treasurer
P.O. Box 192
Jewett, OH 43986

Village of Johnstown
Mayor
Clerk
599 S. Main St., P.O. Box 457
Johnstown, OH 43031

Village of Junction City
Mayor
Clerk/Treasurer
111 W. Front St., P.O. Box 105
Junction City, OH 43748

Village of Killbuck
Mayor
Council
P.O. Box 424
Killbuck, OH 44637

Village of Kingston
Mayor
Clerk/Treasurer
20 E. Pickaway St., P.O. Box 650
Kingston, OH 45644

Village of Kipton
Mayor
Clerk/Treasurer
299 State St., P.O. Box 177
Kipton, OH 44049

LIST OF MUNICIPALITIES

CASE NO. 16-2236-GA-RDR
PFN EXHIBIT 2A

Village of Kirkersville
Mayor
Clerk/Treasurer
135 N. 4th St., P.O. Box 211
Kirkersville, OH 43033

Village of LaGrange
Mayor
Council
355 South Center St.
LaGrange, OH 44050

Village of LaRue
Mayor
Clerk
P.O. Box 33
LaRue, OH 43332

Village of Laurelville
Mayor
Clerk/Treasurer
18751 Main St., P.O. Box 393
Laurelville, OH 43135

Village of Leetonia
Mayor
Clerk/Treasurer
300 E. Main St.
Leetonia, OH 44431

Village of Lexington
Mayor
Clerk
44 W. Main St.
Lexington, OH 44904

Village of Lisbon
Mayor
Council
203 N. Market St.
Lisbon, OH 44432

Village of Lithopolis
Mayor
Fiscal
P.O. Box 278, 33 N. Market St.
Lithopolis, OH 43136

Village of Lodi
Mayor
Clerk/Treasurer
108 Ainsworth St.
Lodi, OH 44254

City of Logan
Mayor
Council
10 S. Mulberry St.
Logan, OH 43138

City of London
Mayor
Council
6 E. Second St.
London, OH 43140

City of Lorain
Mayor
Clerk
200 W. Erie Ave.
Lorain, OH 44052

Village of Lore City
Mayor
Clerk/Treasurer
175 Main St.
Lore City, OH 43755

Village of Lucas
Mayor
Clerk/Treasurer
101 First Ave.
Lucas, OH 44843

LIST OF MUNICIPALITIES

CASE NO. 16-2236-GA-RDR
PFN EXHIBIT 2A

Village of Luckey
Mayor
Clerk/Treasurer
P.O. Box 284
Luckey, OH 43443

Village of Magnetic Springs
Mayor
Clerk/Treasurer
30 W. Magnetic St., P.O. Box 150
Magnetic Springs, OH 43036

Village of Magnolia
Mayor
Clerk/Treasurer
328 N. Main St., Box 297
Magnolia, OH 44643

Village of Malta
Mayor
Council
P.O. Box 307
Malta, OH 43758

Village of Malvern
Mayor
Council
116 W. Main St., P.O. Box 384
Malvern, OH 44644

City of Mansfield
Mayor
Clerk
30 N. Diamond St.
Mansfield, OH 44902

Village of Marble Cliff
Mayor
Fiscal
1600 Fernwood Ave.
Marble Cliff, OH 43212

Village of Marblehead
Mayor
Council
513 W. Main St., P.O. Box 306
Marblehead, OH 43440

City of Marion
Mayor
Clerk
233 W. Center St.
Marion, OH 43302

City of Martins Ferry
Mayor
Council
35 S. Fifth St.
Martins Ferry, OH 43935

Village of Martinsburg
Mayor
Clerk
P.O. Box 68
Martinsburg, OH 43037

City of Marysville
Mayor
Clerk
125 E. Sixth St.
Marysville, OH 43040

City of Maumee
Mayor
Council
400 Conant St.
Maumee, OH 43537

Village of McArthur
Council President
Council
124 W Main St.
McArthur, OH 45651

LIST OF MUNICIPALITIES

CASE NO. 16-2236-GA-RDR
PFN EXHIBIT 2A

Village of McConnelsville
Mayor
Clerk/Treasurer
9 W. Main St.
McConnelsville, OH 43756

Village of McGuffey
Mayor
Clerk/Treasurer
404 Courtright St., P.O. Box 304
McGuffey, OH 45859

Village of Mechanicsburg
Mayor
Council
18 N. Main St.
Mechanicsburg, OH 43044

City of Medina
Mayor
Clerk
132 N. Elmwood, P.O. Box 703
Medina, OH 44258

City of Middleburg Heights
Mayor
Clerk
15700 Bagley Rd.
Middleburg Heights, OH 44130

Village of Middleport
Mayor
Clerk/Treasurer
453 Grant St
Middleport, OH 45760

Village of Mifflin
Mayor
Clerk/Treasurer
36 Main St., Rt. 4
Mifflin, OH 44805

Village of Milan
Mayor
Clerk/Treasurer
P.O. Box 1450
Milan, OH 44846

Village of Milford Center
Mayor
Clerk
P.O. Box 395
Milford Center, OH 43045

Village of Millbury
Mayor
Clerk/Treasurer
28430 Main St., P.O. Box 155
Millbury, OH 43447

Village of Millersport
Mayor
Fiscal
2245 Refugee St. NE, P.O. Box 536
Millersport, OH 43046

Village of Miltonsburg
Mayor
Clerk
36190 County Rd. 2 E
Miltonsburg, OH 43793

Village of Minerva Park
Mayor
Clerk/Treasurer
2829 Minerva Lake Rd.
Minerva Park, OH 43231

Village of Minerva
Mayor
Council
209 N. Market St.
Minerva, OH 44657

LIST OF MUNICIPALITIES

CASE NO. 16-2236-GA-RDR
PFN EXHIBIT 2A

Village of Mingo Junction
Mayor
Clerk
501 Commercial
Mingo Junction, OH 43938

Village of Monroeville
Mayor
Clerk/Treasurer
2 S. Main St., P.O. Box 156
Monroeville, OH 44847

Village of Morral
Mayor
Clerk/Treasurer
143 S. Green St.
Morral, OH 43337

Village of Morristown
Mayor
Clerk/Treasurer
P.O. Box 241
Morristown, OH 43759

Village of Mt. Eaton
Mayor
Clerk/Treasurer
P.O. Box 279
Mt. Eaton, OH 44659

Village of Mt. Gilead
Mayor
Clerk/Treasurer
72 W. High St.
Mt. Gilead, OH 43338

Village of Mt. Sterling
Mayor
Manager
1 S. London St.
Mt. Sterling, OH 43143

City of Mt. Vernon
Mayor
Council
40 Public Sq.
Mt. Vernon, OH 43050

Village of Mt. Victory
Mayor
Clerk/Treasurer
124 S. Washington St., P.O. Box 7
Mt. Victory, OH 43340

Village of Murray City
Mayor
Clerk/Treasurer
P.O. Box 241
Murray City, OH 43144

Village of Navarre
Mayor
Clerk/Treasurer
27 Canal St. W
Navarre, OH 44662

Village of Nellie
Mayor
Clerk/Treasurer
117 Main St., Warsaw
Nellie, OH 43844

City of Nelsonville
Manager
Clerk
211 Lake Hope Dr.
Nelsonville, OH 45764

Village of Nevada
Mayor
Clerk/Treasurer
100 Grant St., P.O. Box 430
Nevada, OH 44849

LIST OF MUNICIPALITIES

CASE NO. 16-2236-GA-RDR
PFN EXHIBIT 2A

Village of New Albany
Mayor
Clerk
P.O. Box 188
New Albany, OH 43054

Village of New Alexandria
Mayor
Clerk/Treasurer
202 Chapel Hill Rd.
New Alexandria, OH 43938

Village of New Athens
Mayor
Clerk/Treasurer
162 S. Main St., P.O. Box 126
New Athens, OH 43981

Village of New Bloomington
Mayor
Clerk/Treasurer
P.O. Box 183
New Bloomington, OH 43341

Village of New Boston
Mayor
Clerk
3980 Rhodes Ave.
New Boston, OH 45662

Village of New Concord
Mayor
Council
P.O. Box 10
New Concord, OH 43762

City of New Lexington
Mayor
Clerk
125 S. Main St.
New Lexington, OH 43764

Village of New London
Mayor
Clerk
115 E. Main St.
New London, OH 44851

Village of New Riegel
Council President
Clerk
P.O. Box 8
New Riegel, OH 44853

Village of New Straitsville
Mayor
Clerk/Treasurer
P.O. Box 238
New Straitsville, OH 43766

Village of New Washington
Mayor
Clerk/Treasurer
119 E. Mansfield St., P.O. Box 217
New Washington, OH 44854

Village of New Waterford
Mayor
Council
3760 Village Park Dr., P.O. Box 287
New Waterford, OH 44445

City of Newark
Mayor
Council
40 W. Main St.
Newark, OH 43055

Village of Newcomerstown
Mayor
Clerk/Treasurer
124 W. Church St., P.O. Box 151
Newcomerstown, OH 43832

LIST OF MUNICIPALITIES

CASE NO. 16-2236-GA-RDR
PFN EXHIBIT 2A

Village of North Baltimore
Mayor
Clerk/Treasurer
205 N. Main St.
North Baltimore, OH 45872

City of North Ridgeville
Mayor
Treasurer
7307 Avon Belden Rd.
North Ridgeville, OH 44039

Village of North Robinson
Mayor
Clerk/Treasurer
2360 Western Ave
North Robinson, OH 44827

City of North Royalton
Mayor
Clerk
14600 State Rd
North Royalton, OH 44133

City of Northwood
Mayor
Council
6000 Wales Rd.
Northwood, OH 43619 1480

City of Norwalk
Mayor
Council
38 Whittlesey, P.O. Box 30
Norwalk, OH 44857

Village of Norwich
Mayor
Council
10335 Main St., P.O. Box 15
Norwich, OH 43767

Village of Oak Harbor
Mayor
Council
146 N. Church St., P.O. Box 232
Oak Harbor, OH 43449

Village of Oak Hill
Mayor
Clerk/Treasurer
415 N. Front St.
Oak Hill, OH 45656

City of Oberlin
Mayor
Clerk/Treasurer
85 S. Main St.
Oberlin, OH 44074

Village of Obetz
Mayor
Clerk
4175 Alum Creek Dr.
Obetz, OH 43207

Village of Old Washington
Mayor
Clerk/Treasurer
P.O. Box 268
Old Washington, OH 43768

City of Olmsted Falls
Mayor
Clerk
26100 Bagley Rd.
Olmsted Falls, OH 44138

City of Ontario
Mayor
Council
555 Stumbo Rd.
Ontario, OH 44862

LIST OF MUNICIPALITIES

CASE NO. 16-2236-GA-RDR
PFN EXHIBIT 2A

City of Oregon
Mayor
Clerk
5330 Seaman Rd.
Oregon, OH 43616

Village of Ottawa Hills
Mayor
Clerk/Treasurer
2125 Richards, Toledo
Ottawa Hills, OH 43606

City of Parma Heights
Mayor
Council
6281 Pearl Rd.
Parma Heights, OH 44130

City of Parma
Mayor
Clerk
6611 Ridge Rd.
Parma, OH 44129

City of Pataskala
Mayor
Clerk
621 W. Broad St.
Pataskala, OH 43062

Village of Pemberville
Mayor
Council
115 Main St., P.O. Box 109
Pemberville, OH 43450

City of Perrysburg
Mayor
Council
201 W. Indiana Ave.
Perrysburg, OH 43551 1582

Village of Perrysville
Mayor
Clerk/Treasurer
131 N. Bridge St., P.O. Box 250
Perrysville, OH 44864

City of Pickerington
Mayor
Clerk
100 Lockville Rd.
Pickerington, OH 43147

Village of Plain City
Mayor
Clerk/Treasurer
213 S. Chillicothe St.
Plain City, OH 43064

Village of Pleasant City
Mayor
Clerk/Treasurer
P.O. Box 272
Pleasant City, OH 43772

Village of Pleasantville
Mayor
Clerk/Treasurer
207 W. Columbus St., P.O. Box 193
Pleasantville, OH 43148

Village of Plymouth
Mayor
Clerk/Treasurer
48 W. Broadway St.
Plymouth, OH 44865

Village of Polk
Mayor
Clerk/Treasurer
200 E. Congress St., P.O. Box 206
Polk, OH 44866 0206

LIST OF MUNICIPALITIES

CASE NO. 16-2236-GA-RDR
PFN EXHIBIT 2A

Village of Pomeroy
Mayor
Clerk/Treasurer
320 E. Main St., P.O. Box 666
Pomeroy, OH 45769

City of Port Clinton
Mayor
Clerk
1868 E. Perry St.
Port Clinton, OH 43452

Village of Port Washington
Mayor
Council
107 E. Main St., P.O. Box 277
Port Washington, OH 43837

City of Portsmouth
Mayor
Clerk
728 Second St.
Portsmouth, OH 45662

City of Powell
Mayor
Clerk
47 Hall St.
Powell, OH 43065

Village of Proctorville
Mayor
Clerk/Treasurer
301 State St.
Proctorville, OH 45669

Village of Prospect
Mayor
Clerk/Treasurer
P.O. Box 186
Prospect, OH 43342

Village of Quaker City
Mayor
Council
P.O. Box 156
Quaker City, OH 43773

Village of Rayland
Mayor
Council
P.O. Box 188, 195 Main St.
Rayland, OH 43943

Village of Rendville
Mayor
Council
6210 Sycamore Street
Rendville, OH 43775

Village of Republic
Mayor
Council
219 Washington St., P.O. Box 219
Republic, OH 44867

City of Reynoldsburg
Mayor
Council
7232 E. Main St.
Reynoldsburg, OH 43068

Village of Richmond
Mayor
Clerk/Treasurer
P.O. Box 335
Richmond, OH 43944

Village Richwood
Council President
Clerk/Treasurer
153 N. Franklin
Richwood, OH 43344

LIST OF MUNICIPALITIES

CASE NO. 16-2236-GA-RDR
PFN EXHIBIT 2A

Village of Ridgeway
Council President
Clerk/Treasurer
103 Main St., P.O. Box 23
Ridgeway, OH 43345

Village of Rio Grande
Mayor
Clerk/Treasurer
P.O. Box 343
Rio Grande, OH 45674

Village of Risingsun
Mayor
Clerk/Treasurer
420 Main St., P.O. Box 37
Risingsun, OH 43457

City of Rittman
Mayor
Clerk
30 N. Main St.
Rittman, OH 44270

Village of Riverlea
Mayor
Clerk/Treasurer
240 W Riverglen Dr
Worthington, OH 43085

Village of Roseville
Mayor
Administrator
107 N. Main St.
Roseville, OH 43777

City of Rossford
Mayor
Clerk
133 Osborn St.
Rossford, OH 43460

Village of Rushville
Mayor
Clerk/Treasurer
P.O. Box 9, 3198 Market St.
Rushville, OH 43150

City of Salem
Mayor
Council
231 S. Broadway Ave.
Salem, OH 44460

Village of Salesville
Mayor
Clerk/Treasurer
107 Main St
Salesville, OH 43778

Village of Salineville
Mayor
Clerk/Treasurer
34 Washington St.
Salineville, OH 43945

City of Sandusky
Mayor
Clerk
222 Meigs St.
Sandusky, OH 44870

Village of Sarahsville
Mayor
Clerk/Treasurer
P.O. Box 77
Sarahsville, OH 43779

Village of Savannah
Mayor
Clerk/Treasurer
P.O. Box 164
Savannah, OH 44874

LIST OF MUNICIPALITIES

CASE NO. 16-2236-GA-RDR
PFN EXHIBIT 2A

Village of Scio
Mayor
Clerk
306 E. Main St., P.O. Box 307
Scio, OH 43988

Village of Sebring
Mayor
Clerk
135 E. Ohio Ave.
Sebring, OH 44672

Village of Senecaville
Mayor
Clerk/Treasurer
P.O. Box 5
Senecaville, OH 43780

Village of Seville
Mayor
Clerk/Treasurer
120 Royal Crest
Seville, OH 44273

Village of Shadyside
Mayor
Clerk/Treasurer
50 E. 39th St.
Shadyside, OH 43947

Village of Shawnee Hills
Mayor
Council
40 W. Reindeer Dr.
Shawnee Hills, OH 43065

Village of Shawnee
Mayor
Clerk/Treasurer
145 Scotch Hill Rd.
Shawnee, OH 43782

City of Sheffield Lake
Mayor
Clerk/Treasurer
609 Harris Rd.
Sheffield Lake, OH 44054

Village of Sheffield
Mayor
Clerk/Treasurer
4340 Colorado Ave.
Sheffield, OH 44054

City of Shelby
Mayor
Law Director
43 W. Main St.
Shelby, OH 44875

Village of Shiloh
Mayor
Clerk/Treasurer
13 W. Main St., P.O. Box 242
Shiloh, OH 44878

Village of Somerset
Mayor
Clerk/Treasurer
100 Public Sq, P.O. Box 10
Somerset, OH 43783

Village of South Amherst
Mayor
Clerk/Treasurer
103 W. Main St.
South Amherst, OH 44001

Village of South Bloomfield
Mayor
Clerk/Treasurer
5023 S. Union St.
South Bloomfield, OH 43103

LIST OF MUNICIPALITIES

CASE NO. 16-2236-GA-RDR
PFN EXHIBIT 2A

Village of South Point
Mayor
Council
408 2nd St. W
South Point, OH 45680

Village of South Vienna
Mayor
Council
P.O. Box 569
South Vienna, OH 45369

Village of South Webster
Mayor
Council
81 Market St., P.O. Box 38
South Webster, OH 45682

Village of South Zanesville
Mayor
Council
24 E. Main St.
South Zanesville, OH 43701

Village of Sparta
Mayor
Clerk/Treasurer
P.O. Box 8
Sparta, OH 43350

Village of Spencer
Mayor
Council
109 N. Main St., P.O. Box 336
Spencer, OH 44275

City of Springfield
Mayor
Clerk
76 E. High St.
Springfield, OH 45502

City of St. Clairsville
Mayor
Clerk
100 N. Market St.
St. Clairsville, OH 43950

Village of St. Louisville
Mayor
Clerk/Treasurer
P.O. Box 149
St. Louisville, OH 43071

Village of Stafford
Mayor
Clerk/Treasurer
30181 Main St., P.O. Box 394
Stafford, OH 43786

City of Steubenville
Mayor
Clerk
300 Market St.
Steubenville, OH 43952

Village of Stockport
Mayor
Clerk/Treasurer
1685 Broadway, P.O. Box 158
Stockport, OH 43787

Village of Stoutsville
Mayor
Clerk/Treasurer
11080 Man St, P.O. Box 115
Stoutsville, OH 43154

Village of Strasburg
Mayor
Council
358 5th St. SW
Strasburg, OH 44680

LIST OF MUNICIPALITIES

CASE NO. 16-2236-GA-RDR
PFN EXHIBIT 2A

Village of Stratton
Mayor
Clerk
136 2nd Ave., P.O. Box 145
Stratton, OH 43961

City of Strongsville
Mayor
Council
16099 Foltz Pkwy.
Strongsville, OH 44149

Village of Sugar Grove
Mayor
Clerk/Treasurer
101 Bridge St., P.O. Box 7
Sugar Grove, OH 43155

Village of Summerfield
Mayor
Clerk/Treasurer
P.O. Box 223
Summerfield, OH 43788

Village of Summitville
Mayor
Clerk/Treasurer
P.O. Box 56
Summitville, OH 43962

Village of Sunbury
Mayor
Council
P.O. Box 508
Sunbury, OH 43074

Village of Sycamore
Mayor
Clerk/Treasurer
P.O. Box 279
Sycamore, OH 44882

City of Sylvania
Mayor
Clerk
6730 Monroe St.
Sylvania, OH 43560

Village of Thornville
Mayor
Clerk
3 S. Main St., P.O. Box 607
Thornville, OH 43076

Village of Thurston
Mayor
Clerk/Treasurer
2215 Main St., P.O. Box 188
Thurston, OH 43157

City of Tiffin
Mayor
Clerk/Treasurer
51 E. Market St.
Tiffin, OH 44883

Village of Tiltonsville
Mayor
Clerk/Treasurer
123 A Grandview Ave., P.O. Box 127
Tiltonsville, OH 43963

Village of Tiro
Mayor
Clerk/Treasurer
P.O. Box 43
Tiro, OH 44887

City of Toledo
Mayor
Council
One Government Center, Suite 2200
Toledo, OH 43604

LIST OF MUNICIPALITIES

CASE NO. 16-2236-GA-RDR
PFN EXHIBIT 2A

City of Toronto
Mayor
Clerk
416 Clark St., P.O. Box 189
Toronto, OH 43964

Village of Tremont City
Mayor
Clerk/Treasurer
26 E. Main St., P.O. Box 93
Tremont City, OH 45372 0093

Village of Trimble
Mayor
Clerk/Treasurer
19549 Congress St., P.O. Box 121
Trimble, OH 45782

City of Upper Arlington
Mayor
Clerk
3600 Tremont Rd.
Upper Arlington, OH 43221

City of Upper Sandusky
Mayor
Clerk
119 N. Seventh St.
Upper Sandusky, OH 43351

City of Urbana
Mayor
Clerk
205 S. Main St., P.O. Box 747
Urbana, OH 43078

Village of Urbancrest
Mayor
Council
3357 Central Ave.
Urbancrest, OH 43123

Village of Utica
Mayor
Clerk/Treasurer
P.O. Box 524, 39 Spring St.
Utica, OH 43080

Village of Valleyview
Mayor
Council
432 N. Richardson Ave.
Valleyview, OH 43204

City of Vermilion
Mayor
Council
5511 Liberty Ave.
Vermilion, OH 44089

Village of Wakeman
Mayor
Council
59 Hyde St., P.O. Box 107
Wakeman, OH 44889

Village of Walbridge
Mayor
Council
111 N. Main St., P.O. Box 555
Walbridge, OH 43465

Village of Waldo
Mayor
Clerk/Treasurer
180 Casey St.
Waldo, OH 43356

Village of Warsaw
Mayor
Clerk/Treasurer
P.O. Box 399
Warsaw, OH 43844

LIST OF MUNICIPALITIES

CASE NO. 16-2236-GA-RDR
PFN EXHIBIT 2A

Village of Washingtonville
Mayor
Clerk/Treasurer
P.O. Box 115
Washingtonville, OH 44490

Village of Wayne
Mayor
Clerk/Treasurer
125 Schoolhouse St., P.O. Box 39
Wayne, OH 43466

Village of Waynesburg
Mayor
Council
141 E. Lisbon St., P.O. Box 610
Waynesburg, OH 44688

Village of Wellington
Mayor
Clerk/Treasurer
115 Willard Memorial Sq.
Wellington, OH 44090

City of Wellston
Mayor
Council
203 E. Broadway St.
Wellston, OH 45692

Village of Wellsville
Mayor
Council
1200 Main St.
Wellsville, OH 43968

Village of West Jefferson
Mayor
Council
28 E. Main St.
West Jefferson, OH 43162

Village of West Lafayette
Mayor
Clerk/Treasurer
113 E. Railroad St., P.O. Box 175
West Lafayette, OH 43845

Village of West Rushville
Mayor
Clerk/Treasurer
P.O. Box 63113
West Rushville, OH 43163

Village of West Salem
Mayor
Clerk/Treasurer
P.O. Box 256
West Salem, OH 44287

City of Westerville
Mayor
Clerk
21 S. State St.
Westerville, OH 43081

Village of Westfield Center
Mayor
Clerk/Treasurer
6701 Greenwich Rd., P.O. Box 750
Westfield Center, OH 44251

City of Westlake
Mayor
Council
27700 Hilliard Blvd.
Westlake, OH 44145

Village of Wharton
Mayor
Clerk/Treasurer
117 W. Sandusky St.
Wharton, OH 43359

LIST OF MUNICIPALITIES

CASE NO. 16-2236-GA-RDR
PFN EXHIBIT 2A

City of Whitehall
Mayor
Clerk
360 S. Yearling Rd.
Whitehall, OH 43213

City of Willard
Mayor
Clerk
631 Myrtle Ave., P.O. Box 367
Willard, OH 44890

Village of Wilmot
Mayor
Clerk/Treasurer
P.O. Box 192
Wilmot, OH 44689

Village of Wintersville
Mayor
Clerk/Treasurer
200 Grove St.
Wintersville, OH 43953

City of Worthington
Mayor
Clerk
6550 N. High St.
Worthington, OH 43085

Village of Yorkville
Mayor
Clerk/Treasurer
139 Market St.
Yorkville, OH 43971

City of Zanesville
Mayor
Council
401 Market St.
Zanesville, OH 43701

Village of Zoar
Mayor
Council
250 N. Main St., P.O. Box 544
Zoar, OH 44697

Daniel Horrigan
Mayor of Akron
Suite 200 Municipal Building
166 South High Street
Akron, Ohio 44308

Robin L. Laubaugh
Mayor of Wadsworth
120 Maple Street
Wadsworth, Ohio 44281

Ilene Shapiro
Summit County Executive
175 S. Main Street
Akron, Ohio 44308

Bobbie Beshara
Mayor of Richfield
4410 W. Streetsboro Rd.
Richfield, Ohio 44286

City of Canfield
Mayor
Clerk
104 Lisbon St.
Canfield, OH 44406

City of Lawrenceville
3940 Lawrenceville Drive
Springfield, Ohio 45504

LIST OF OTHER ELECTED OFFICIALS

CASE NO. 16-2236-GA-RDR
PFN EXHIBIT 2B

The Honorable Cliff Hite
Ohio Senate
1 Capitol Square, 1st Floor
Columbus, OH 43215

The Honorable Randy Gardner
Ohio Senate
1 Capitol Square, 2nd Floor
Columbus, OH 43215

The Honorable Kevin Bacon
Ohio Senate
1 Capitol Square, Ground Floor
Columbus, OH 43215

The Honorable Bill Coley
Ohio Senate
1 Capitol Square, 1st Floor
Columbus, OH 43215

The Honorable Bill Beagle
Ohio Senate
1 Capitol Square, 1st Floor
Columbus, OH 43215

The Honorable Peggy Lehner
Ohio Senate
1 Capitol Square, 1st Floor
Columbus, OH 43215

The Honorable Shannon Jones
Ohio Senate
1 Capitol Square, 2nd Floor
Columbus, OH 43215

The Honorable Bill Seitz
Ohio Senate
1 Capitol Square, 1st Floor
Columbus, OH 43215

The Honorable Cecil Thomas
Ohio Senate
1 Capitol Square, Ground Floor
Columbus, OH 43215

The Honorable Bob D. Hackett
Ohio Senate
1 Capitol Square, Ground Floor
Columbus, OH 43215

LIST OF OTHER ELECTED OFFICIALS

CASE NO. 16-2236-GA-RDR
PFN EXHIBIT 2B

The Honorable Edna Brown
Ohio Senate
1 Capitol Square, 2nd Floor
Columbus, OH 43215

The Honorable Keith Faber
Ohio Senate
1 Capitol Square, 2nd Floor
Columbus, OH 43215

The Honorable Gayle Manning
Ohio Senate
1 Capitol Square, 2nd Floor
Columbus, OH 43215

The Honorable Joe Uecker
Ohio Senate
1 Capitol Square, 1st Floor
Columbus, OH 43215

The Honorable Charleta Tavares
Ohio Senate
1 Capitol Square, 2nd Floor
Columbus, OH 43215

The Honorable Jim Hughes
Ohio Senate
1 Capitol Square, 1st Floor
Columbus, OH 43215

The Honorable Bob Peterson
Ohio Senate
1 Capitol Square, Ground Floor
Columbus, OH 43215

The Honorable John Eklund
Ohio Senate
1 Capitol Square, 1st Floor
Columbus, OH 43215

The Honorable Kris Jordan
Ohio Senate
1 Capitol Square, Ground Floor
Columbus, OH 43215

The Honorable Troy Balderson
Ohio Senate
1 Capitol Square, Ground Floor
Columbus, OH 43215

LIST OF OTHER ELECTED OFFICIALS

CASE NO. 16-2236-GA-RDR
PFN EXHIBIT 2B

The Honorable Sandra Williams
Ohio Senate
1 Capitol Square, Ground Floor
Columbus, OH 43215

The Honorable Larry Obhof
Ohio Senate
1 Capitol Square, 1st Floor
Columbus, OH 43215

The Honorable Michael Skindell
Ohio Senate
1 Capitol Square, Ground Floor
Columbus, OH 43215

The Honorable Tom Patton
Ohio Senate
1 Capitol Square, 1st Floor
Columbus, OH 43215

The Honorable Kenny Yuko
Ohio Senate
1 Capitol Square, Ground Floor
Columbus, OH 43215

The Honorable David Burke
Ohio Senate
1 Capitol Square, Ground Floor
Columbus, OH 43215

The Honorable Frank LaRose
Ohio Senate
1 Capitol Square, 2nd Floor
Columbus, OH 43215

The Honorable Tom Sawyer
Ohio Senate
1 Capitol Square, Ground Floor
Columbus, OH 43215

The Honorable Scott Oelslager
Ohio Senate
1 Capitol Square, 1st Floor
Columbus, OH 43215

The Honorable Lou Gentile
Ohio Senate
1 Capitol Square, Ground Floor
Columbus, OH 43215

LIST OF OTHER ELECTED OFFICIALS

CASE NO. 16-2236-GA-RDR
PFN EXHIBIT 2B

The Honorable Jay Hottinger
Ohio Senate
1 Capitol Square, Ground Floor
Columbus, OH 43215

The Honorable Capri Cafaro
Ohio Senate
1 Capitol Square, Ground Floor
Columbus, OH 43215

The Honorable Joe Schiavoni
Ohio Senate
1 Capitol Square, 3rd Floor
Columbus, OH 43215

The Honorable Ron Amstutz
Ohio House of Representatives
77 S. High Street, 14th Floor
Columbus, OH 43215

The Honorable Mark Romanchuk
Ohio House of Representatives
77 S. High Street, 11th Floor
Columbus, OH 43215

The Honorable Theresa Gavarone
Ohio House of Representatives
77 S. High Street, 13th Floor
Columbus, OH 43215

The Honorable Robert Cupp
Ohio House of Representatives
77 S. High Street, 13th Floor
Columbus, OH 43215

The Honorable Timothy Ginter
Ohio House of Representatives
77 S. High Street, 13th Floor
Columbus, OH 43215

The Honorable Marlene Anielski
Ohio House of Representatives
77 S. High Street, 12th Floor
Columbus, OH 43215

The Honorable Mike Dovilla
Ohio House of Representatives
77 S. High Street, 14th Floor
Columbus, OH 43215

LIST OF OTHER ELECTED OFFICIALS

CASE NO. 16-2236-GA-RDR
PFN EXHIBIT 2B

The Honorable Martin Sweeny
Ohio House of Representatives
77 S. High Street, 11th Floor
Columbus, OH 43215

The Honorable Nicholas J. Celebrezze
Ohio House of Representatives
77 S. High Street, 14th Floor
Columbus, OH 43215

The Honorable Nan Baker
Ohio House of Representatives
77 S. High Street, 12th Floor
Columbus, OH 43215

The Honorable Michael Curtin
Ohio House of Representatives
77 S. High Street, 10th Floor
Columbus, OH 43215

The Honorable Kristin Boggs
Ohio House of Representatives
77 S. High Street, 10th Floor
Columbus, OH 43215

The Honorable Anne Gonzales
Ohio House of Representatives
77 S. High Street, 13th Floor
Columbus, OH 43215

The Honorable Heather Bishoff
Ohio House of Representatives
77 S. High Street, 10th Floor
Columbus, OH 43215

The Honorable Mike Duffey
Ohio House of Representatives
77 S. High Street, 13th Floor
Columbus, OH 43215

The Honorable David Leland
Ohio House of Representatives
77 S. High Street, 10th Floor
Columbus, OH 43215

The Honorable Cheryl Grossman
Ohio House of Representatives
77 S. High Street, 13th Floor
Columbus, OH 43215

LIST OF OTHER ELECTED OFFICIALS

CASE NO. 16-2236-GA-RDR
PFN EXHIBIT 2B

The Honorable Stephanie Kunze
Ohio House of Representatives
77 S. High Street, 11th Floor
Columbus, OH 43215

The Honorable Kevin Boyce
Ohio House of Representatives
77 S. High Street, 14th Floor
Columbus, OH 43215

The Honorable Hearcel Craig
Ohio House of Representatives
77 S. High Street, 10th Floor
Columbus, OH 43215

The Honorable Marilyn Slaby
Ohio House of Representatives
77 S. High Street, 11th Floor
Columbus, OH 43215

The Honorable Michael Ashford
Ohio House of Representatives
77 S. High Street, 10th Floor
Columbus, OH 43215

The Honorable Teresa Fedor
Ohio House of Representatives
77 S. High Street, 10th Floor
Columbus, OH 43215

The Honorable Derek Merrin
Ohio House of Representatives
77 S. High Street, 11th Floor
Columbus, OH 43215

The Honorable Kirk Schuring
Ohio House of Representatives
77 S. High Street, 11th Floor
Columbus, OH 43215

The Honorable Stephen Slesnick
Ohio House of Representatives
77 S. High Street, 10th Floor
Columbus, OH 43215

The Honorable Christina Hagan
Ohio House of Representatives
77 S. High Street, 13th Floor
Columbus, OH 43215

LIST OF OTHER ELECTED OFFICIALS

CASE NO. 16-2236-GA-RDR
PFN EXHIBIT 2B

The Honorable Nathan Manning
Ohio House of Representatives
77 S. High Street, 11th Manning
Columbus, OH 43215

The Honorable Dan Ramos
Ohio House of Representatives
77 S. High Street, 10th Floor
Columbus, OH 43215

The Honorable Terry Boose
Ohio House of Representatives
77 S. High Street, 12th Floor
Columbus, OH 43215

The Honorable Michele Lepore-Hagan
Ohio House of Representatives
77 S. High Street, 10th Floor
Columbus, OH 43215

The Honorable John Bocciare
Ohio House of Representatives
77 S. High Street, 10th Floor
Columbus, OH 43215

The Honorable Sean O'Brien
Ohio House of Representatives
77 S. High Street, 10th Floor
Columbus, OH 43215

The Honorable Michael O'Brien
Ohio House of Representatives
77 S. High Street, 10th Floor
Columbus, OH 43215

The Honorable Andrew Brenner
Ohio House of Representatives
77 S. High Street, 13th Floor
Columbus, OH 43215

The Honorable Margaret Ruhl
Ohio House of Representatives
77 S. High Street, 11th Floor
Columbus, OH 43215

The Honorable Stephen Hambley
Ohio House of Representatives
77 S. High Street, 11th Floor
Columbus, OH 43215

LIST OF OTHER ELECTED OFFICIALS

CASE NO. 16-2236-GA-RDR
PFN EXHIBIT 2B

The Honorable Dave Hall
Ohio House of Representatives
77 S. High Street, 11th Floor
Columbus, OH 43215

The Honorable Scott Ryan
Ohio House of Representatives
77 S. High Street, 11th Floor
Columbus, OH 43215

The Honorable Bill Hayes
Ohio House of Representatives
77 S. High Street, 12th Floor
Columbus, OH 43215

The Honorable Bill Dean
Ohio House of Representatives
77 S. High Street, 11th Floor
Columbus, OH 43215

The Honorable Timothy Schaffer
Ohio House of Representatives
77 S. High Street, 13th Floor
Columbus, OH 43215

The Honorable Ron Hood
Ohio House of Representatives
77 S. High Street, 12th Floor
Columbus, OH 43215

The Honorable Kyle Koehler
Ohio House of Representatives
77 S. High Street, 11th Floor
Columbus, OH 43215

The Honorable Robert Sprague
Ohio House of Representatives
77 S. High Street, 13th Floor
Columbus, OH 43215

The Honorable Nino Vitale
Ohio House of Representatives
77 S. High Street, 11th Floor
Columbus, OH 43215

The Honorable Dorothy Pelanda
Ohio House of Representatives
77 S. High Street, 14th Floor
Columbus, OH 43215

LIST OF OTHER ELECTED OFFICIALS

CASE NO. 16-2236-GA-RDR
PFN EXHIBIT 2B

The Honorable Jeffrey McClain
Ohio House of Representatives
77 S. High Street, 12th Floor
Columbus, OH 43215

The Honorable Bill Reineke
Ohio House of Representatives
77 S. High Street, 13th Floor
Columbus, OH 43215

The Honorable Steven Arndt
Ohio House of Representatives
77 S. High Street, 11th Floor
Columbus, OH 43215

The Honorable Terry Johnson
Ohio House of Representatives
77 S. High Street, 11th Floor
Columbus, OH 43215

The Honorable Cliff Rosenberger
Ohio House of Representatives
77 S. High Street, 14th Floor
Columbus, OH 43215

The Honorable Gary Scherer
Ohio House of Representatives
77 S. High Street, 13th Floor
Columbus, OH 43215

The Honorable Ryan Smith
Ohio House of Representatives
77 S. High Street, 13th Floor
Columbus, OH 43215

The Honorable Debbie Phillips
Ohio House of Representatives
77 S. High Street, 10th Floor
Columbus, OH 43215

The Honorable Andy Thompson
Ohio House of Representatives
77 S. High Street, 11th Floor
Columbus, OH 43215

The Honorable Jack Cera
Ohio House of Representatives
77 S. High Street, 10th Floor
Columbus, OH 43215

LIST OF OTHER ELECTED OFFICIALS

CASE NO. 16-2236-GA-RDR
PFN EXHIBIT 2B

The Honorable Brian Hill
Ohio House of Representatives
77 S. High Street, 13th Floor
Columbus, OH 43215

The Honorable Al Landis
Ohio House of Representatives
77 S. High Street, 11th Floor
Columbus, OH 43215

The Honorable Steve Chabot
United States House of Representatives
2371 Rayburn House Office Building
Washington, DC 20515

The Honorable Brad Wenstrup
United States House of Representatives
1223 Longworth House Office Building
Washington, DC 20515

The Honorable Joyce Beatty
United States House of Representatives
417 Cannon House Office Building
Washington, DC 20515

The Honorable Jim Jordan
United States House of Representatives
1524 Longworth House Office Building
Washington, DC 20515

The Honorable Bob Latta
United States House of Representatives
2448 Rayburn House Office Building
Washington, DC 20515

The Honorable Bill Johnson
United States House of Representatives
1710 Longworth House Office Building
Washington, DC 20515

The Honorable Bob Gibbs
United States House of Representatives
329 Cannon House Office Building
Washington, DC 20515

The Honorable Warren Davidson
United States House of Representatives
1011 Longworth House Office Building
Washington, DC 20515

LIST OF OTHER ELECTED OFFICIALS

CASE NO. 16-2236-GA-RDR
PFN EXHIBIT 2B

The Honorable Marcy Kaptur
United States House of Representatives
2186 Rayburn House Office Building
Washington, DC 20515

The Honorable Mike Turner
United States House of Representatives
2239 Rayburn House Office Building
Washington, DC 20515

The Honorable Marcia Fudge
United States House of Representatives
2344 Rayburn House Office Building
Washington, DC 20515

The Honorable Pat Tiberi
United States House of Representatives
106 Cannon House Office Building
Washington, DC 20515

The Honorable Tim Ryan
United States House of Representatives
1421 Longworth House Office Building
Washington, DC 20515

The Honorable David Joyce
United States House of Representatives
1535 Longworth House Office Building
Washington, DC 20515

The Honorable Steve Stivers
United States House of Representatives
1022 Longworth House Office Building
Washington, DC 20515

The Honorable Jim Renacci
United States House of Representatives
130 Cannon House Office Building
Washington, DC 20515

The Honorable Rob Portman
United States Senate
448 Russell Senate Office Building
Washington, DC 20510

The Honorable Sherrod Brown
United States Senate
713 Hart Senate Office Building
Washington, DC 20510

PFN EXHIBIT 3

PROPOSED TARIFF SHEETS

**RULES AND REGULATIONS GOVERNING THE DISTRIBUTION
AND SALE OF GAS**

RIDER IRP –
INFRASTRUCTURE REPLACEMENT PROGRAM RIDER

APPLICABILITY

Applicable to all customer accounts served under rate schedules SGS, GS and LGS.

DESCRIPTION

An additional charge per account per month, regardless of gas consumed, to recover costs associated with:

- a) **Riser and Hazardous Customer Service Line Replacement Program** - The replacement of customer-owned Natural Gas Risers identified in the November 24, 2006 Report by the Staff of the Public Utilities Commission of Ohio in Case No. 05-463-GA-COI as prone to failure and the maintenance, repair and replacement of hazardous customer-owned service lines.
- b) **Accelerated Mains Replacement Program** – The replacement of bare steel and cast iron or wrought iron main lines, and associated company and customer-owned metallic service lines.
- c) **Automated Meter Reading Devices Program** – The installation of automated meter reading devices on meters located at customer premises.

This Rider shall be calculated annually pursuant to a Notice filed no later than November 30 of each year based on nine months of actual data and three months of estimated data for the calendar year. The filing shall be updated by no later than February 28 of the following year to reflect the use of actual calendar year data. Such adjustments to the Rider will become effective with bills rendered on and after the first billing unit of May of each year.

RATE

Rate SGS, Small General Service	\$7.65 <u>\$9.00</u> /Month
Rate GS, General Service	\$57.34 <u>\$77.80</u> /Month
Rate LGS, Large General Service	\$1,753.76 <u>\$2,259.42</u> /Month

Filed in accordance with Public Utilities Commission of Ohio Opinion and Order issued ~~April 20, 2016 in Case No. 15-1918-GA-RDR.~~

Issued: ~~April 27, 2016~~

Effective: With meter readings on or after
~~April 29, 2016~~

Issued By
Daniel A. Creekmur, President

**RULES AND REGULATIONS GOVERNING THE DISTRIBUTION
AND SALE OF GAS**

DEMAND SIDE MANAGEMENT RIDER

APPLICABILITY

Applicable to all volumes delivered under the Company's SGS rate schedule.

DESCRIPTION

An additional charge, for all gas consumed, to recover costs associated with the implementation of comprehensive, cost-effective energy efficiency programs made available to residential and commercial customers.

RATE

All gas consumed per account per month ~~\$0.2226~~\$0.2213/Mcf

Filed in accordance with Public Utilities Commission of Ohio Opinion and Order issued ~~April 20, 2016 in Case No. 15-1918-GA-RDR.~~

Issued: ~~April 27, 2016~~

Effective: With meter readings on or after
~~April 29, 2016~~

Issued By
Daniel A. Creekmur, President

**RULES AND REGULATIONS GOVERNING THE DISTRIBUTION
AND SALE OF GAS**

**RIDER IRP –
INFRASTRUCTURE REPLACEMENT PROGRAM RIDER**

APPLICABILITY

Applicable to all customer accounts served under rate schedules SGTS, GTS and LGTS.

DESCRIPTION

An additional charge per account per month, regardless of gas consumed, to recover costs associated with:

- a) **Riser and Hazardous Customer Service Line Replacement Program** - The replacement of customer-owned Natural Gas Risers identified in the November 24, 2006 Report by the Staff of the Public Utilities Commission of Ohio in Case No. 05-463-GA-COI as prone to failure and the maintenance, repair and replacement of hazardous customer-owned service lines.
- b) **Accelerated Mains Replacement Program** – The replacement of bare steel and cast iron or wrought iron main lines, and associated company and customer-owned metallic service lines.
- c) **Automated Meter Reading Devices Program** – The installation of automated meter reading devices on meters located inside customer's premises.

This Rider shall be calculated annually pursuant to a Notice filed no later than November 30 of each year based on nine months of actual data and three months of estimated data for the calendar year. The filing shall be updated by no later than February 28 of the following year to reflect the use of actual calendar year data. Such adjustments to the Rider will become effective with bills rendered on and after the first billing unit of May of each year.

RATE

Rate SGTS, Small General Transportation Service	\$7.65 \$9.00 /Month
Rate GTS, General Transportation Service	\$57.34 \$77.80 /Month
Rate LGTS, Large General Transportation Service	\$1,753.76 \$2,259.42 /Month

Filed in accordance with Public Utilities Commission of Ohio Opinion and Order issued ~~April 20, 2016 in Case No. 15-1918-GA-RDR.~~

Issued: ~~April 27, 2016~~

Effective: With meter readings on or after
~~April 29, 2016~~

Issued By
Daniel A. Creekmur, President

COLUMBIA GAS OF OHIO, INC.
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**RULES AND REGULATIONS GOVERNING THE DISTRIBUTION
AND SALE OF GAS**

DEMAND SIDE MANAGEMENT RIDER

APPLICABILITY

Applicable to all volumes delivered under the Company's SGTS rate schedule.

DESCRIPTION

An additional charge, for all gas consumed, to recover costs associated with the implementation of comprehensive, cost-effective energy efficiency programs made available to residential and commercial customers.

RATE

All gas consumed per account per month ~~\$0.2220~~\$0.2213/Mcf

Filed in accordance with Public Utilities Commission of Ohio Opinion and Order issued ~~April 20, 2016 in Case No. 15-1918-GA-RDR.~~

Issued: ~~April 27, 2016~~

Effective: With meter readings on or after
~~April 29, 2016~~

Issued By
Daniel A. Creekmur, President

SECTION VII
 PART 29 - BILLING ADJUSTMENTS

RIDER IRP –
 INFRASTRUCTURE REPLACEMENT PROGRAM RIDER

29.3 APPLICABILITY

Applicable to all customer accounts served under rate schedules FRSGTS, FRGTS, FRLGTS.

29.4 DESCRIPTION

An additional charge per account per month, regardless of gas consumed, to recover costs associated with:

- a) **Riser and Hazardous Customer Service Line Replacement Program** - The replacement of customer-owned Natural Gas Risers identified in the November 24, 2006 Report by the Staff of the Public Utilities Commission of Ohio in Case No. 05-463-GA-COI as prone to failure and the maintenance, repair and replacement of hazardous customer-owned service lines.
- b) **Accelerated Mains Replacement Program** – The replacement of bare steel and cast iron or wrought iron main lines, and associated company and customer-owned metallic service lines.
- c) **Automated Meter Reading Devices Program** – The installation of automated meter reading devices on meters located inside customer's premises.

This Rider shall be calculated annually pursuant to a Notice filed no later than November 30 of each year based on nine months of actual data and three months of estimated data for the calendar year. The filing shall be updated by no later than February 28 of the following year to reflect the use of actual calendar year data. Such adjustments to the Rider will become effective with bills rendered on and after the first billing unit of May of each year.

29.5 RATE

Rate FRSGTS, Full Requirements Small General Transportation Service	\$7.65\$9.00/Month
Rate FRGTS Full Requirements General Transportation Service	
\$57.34 \$77.80/Month	
Rate FRLGTS, Full Requirements Large General Transportation Service	
\$1,753.76 \$2,259.42/Month	

Filed in accordance with Public Utilities Commission of Ohio Opinion and Order issued ~~April 20, 2016 in Case No. 15-1918-GA-RDR.~~

Issued: ~~April 27, 2016~~

Effective: With meter readings on or after ~~April 29,~~
 2016

Issued By
 Daniel A. Creekmur, President

Columbia Gas of Ohio, Inc.

SECTION VII
PART 29 - BILLING ADJUSTMENTS

DEMAND SIDE MANAGEMENT RIDER

29.6 APPLICABILITY

Applicable to all volumes delivered under the Company's Full Requirements Small General Transportation Service schedule.

29.7 DESCRIPTION

An additional charge, for all gas consumed, to recover costs associated with the implementation of comprehensive, cost-effective energy efficiency programs made available to residential and commercial customers.

29.8 RATE

All gas consumed per account per month ~~\$0.2220~~ \$0.2213/Mcf

Filed in accordance with Public Utilities Commission of Ohio Opinion and Order issued on ~~April 20, 2016 in Case No. 15-1918-GA-RDR.~~

Issued: April 27, 2016

Effective: With meter readings on or after
~~April 29, 2016~~

Issued By
Daniel A. Creekmur, President

PFN EXHIBIT 4

TYPICAL BILL COMPARISON

ATTACHMENT C
SHEET 1 OF 18

[illegible]

ATTACHMENT C
SHEET 2 OF 18

ATTACHMENT C
SHEET 3 OF 18

ATTACHMENT C
SHEET 4 OF 18

RATE SCHEDULE FULL REQUIREMENTS SMALL GENERAL TRANSPORTATION SERVICE (FRSGTS)

ATTACHMENT C
SHEET 5 OF 18

[illegible]

RATE SCHEDULE FULL REQUIREMENTS SMALL GENERAL TRANSPORTATION SERVICE (FRSGTS - SCO)

ATTACHMENT C
SHEET 6 OF 18

[illegible]

RATE SCHEDULE FULL REQUIREMENTS SMALL GENERAL TRANSPORTATION SERVICE (FRSGTS - SCHOOLS)

ATTACHMENT C
SHEET 7 OF 18

[illegible]

PROPOSED RATES EFFECTIVE: MAY 2017

LINE NO.	RATE CODE	USAGE MCF (A)	MOST CURRENT RATE (B)	PROPOSED RATE (C)	INCREASE (D=C-B)	PERCENT OF INCREASE (E=D/B)	CURRENT BILL (F)	PROPOSED BILL (G)	DOLLAR INCREASE (H=G-F)	PERCENT OF INCREASE (I=H/F)	ANNUALIZED FUEL COST ADDITIONS PROPOSED BILL (J)	CURRENT BILL INCLUDING FUEL COST (K=F+J)	PROPOSED BILL INCLUDING FUEL COST (L=G+J)	PERCENT OF CHANGE (M=(L-K)/K)
1	GENERAL SERVICE													
2	FIRST 25 MCF		2.3899	2.3899	0.0000	0.0%					4.1940			
3	NEXT 75 MCF		1.9716	1.9716	0.0000	0.0%								
4	OVER 100 MCF		1.7041	1.7041	0.0000	0.0%								
5	CUSTOMER CHARGE		79.84	100.30	20.46	25.6%								
6		0.0					83.82	105.30	21.48	25.6%	-	83.82	105.30	25.6%
7		1.0					86.50	107.98	21.48	24.8%	4.40	90.90	112.38	23.6%
8		5.0					97.20	118.68	21.48	22.1%	22.02	119.22	140.70	18.0%
9		10.0					110.58	132.07	21.48	19.4%	44.03	154.62	176.10	13.9%
10		15.0					123.97	145.45	21.48	17.3%	66.05	190.01	211.49	11.3%
11		20.0					137.35	158.83	21.48	15.6%	88.06	225.41	246.89	9.5%
12		25.0					150.73	172.21	21.48	14.3%	110.08	260.81	282.29	8.2%
13		30.0					161.92	183.40	21.48	13.3%	132.09	294.01	315.49	7.3%
14		35.0					173.10	194.58	21.48	12.4%	154.11	327.21	348.69	6.6%
15		40.0					184.29	205.77	21.48	11.7%	176.13	360.41	381.89	6.0%
16		45.0					195.47	216.95	21.48	11.0%	198.14	393.62	415.10	5.5%
17		50.0					206.66	228.14	21.48	10.4%	220.16	426.82	448.30	5.0%
18		60.0					229.03	250.51	21.48	9.4%	264.19	493.22	514.70	4.4%
19		70.0					251.40	272.88	21.48	8.5%	308.22	559.62	581.10	3.8%
20		80.0					273.77	295.25	21.48	7.8%	352.25	626.03	647.51	3.4%
21		90.0					296.15	317.63	21.48	7.3%	396.28	692.43	713.91	3.1%
22		100.0					318.52	340.00	21.48	6.7%	440.32	758.83	780.31	2.8%
23		125.0					365.55	387.03	21.48	5.9%	550.39	915.94	937.42	2.3%
24		150.0					412.58	434.06	21.48	5.2%	660.47	1,073.05	1,094.53	2.0%
25		175.0					459.60	481.08	21.48	4.7%	770.55	1,230.16	1,251.64	1.7%
26		200.0					506.63	528.11	21.48	4.2%	880.63	1,387.26	1,408.74	1.5%
27		225.0					553.66	575.14	21.48	3.9%	990.71	1,544.37	1,565.85	1.4%
28		250.0					600.69	622.17	21.48	3.6%	1,100.79	1,701.48	1,722.96	1.3%
29		300.0					694.75	716.23	21.48	3.1%	1,320.95	2,015.70	2,037.18	1.1%
30		400.0					882.86	904.34	21.48	2.4%	1,761.26	2,644.13	2,665.61	0.8%
31		500.0					1,070.98	1,092.46	21.48	2.0%	2,201.58	3,272.56	3,294.04	0.7%
32		600.0					1,259.10	1,280.58	21.48	1.7%	2,641.89	3,900.99	3,922.47	0.6%
33		700.0												

COLUMBIA GAS OF OHIO, INC.
CASE NO. 16-2236-GA-RDR
TYPICAL BILL COMPARISON

PROPOSED RATES EFFECTIVE: MAY 2017

ATTACHMENT C
SHEET 9 OF 18

											ANNUALIZED	CURRENT	PROPOSED	
LINE NO.	RATE CODE	USAGE MCF (A)	MOST CURRENT RATE (B)	PROPOSED RATE (C)	INCREASE (D=C-B)	PERCENT OF INCREASE (E=D/B)	CURRENT BILL (F)	PROPOSED BILL (G)	DOLLAR INCREASE (H=G-F)	PERCENT OF INCREASE (I=H/F)	FUEL COST ADDITIONS PROPOSED BILL (J)	BILL INCLUDING FUEL COST (K=F+J)	BILL INCLUDING FUEL COST (L=G+J)	PERCENT OF CHANGE (M=(L-K)/K)
1 GENERAL SERVICE - SCHOOLS														
2	FIRST 25 MCF		2.3040	2.3040	0.0000	0.0%					4.1940			
3	NEXT 75 MCF		1.9066	1.9066	0.0000	0.0%								
4	OVER 100 MCF		1.6525	1.6525	0.0000	0.0%								
5	CUSTOMER CHARGE		78.71	99.17	20.46	26.0%								
6		0.0					82.64	104.12	21.48	26.0%	-	82.64	104.12	26.0%
7		1.0					85.22	106.70	21.48	25.2%	4.40	89.62	111.10	24.0%
8		5.0					95.57	117.05	21.48	22.5%	22.02	117.58	139.06	18.3%
9		10.0					108.50	129.98	21.48	19.8%	44.03	152.53	174.01	14.1%
10		15.0					121.43	142.91	21.48	17.7%	66.05	187.47	208.96	11.5%
11		20.0					134.36	155.84	21.48	16.0%	88.06	222.42	243.90	9.7%
12		25.0					147.29	168.77	21.48	14.6%	110.08	257.37	278.85	8.3%
13		30.0					158.13	179.61	21.48	13.6%	132.09	290.23	311.71	7.4%
14		35.0					168.98	190.46	21.48	12.7%	154.11	323.09	344.57	6.6%
15		40.0					179.82	201.30	21.48	11.9%	176.13	355.95	377.43	6.0%
16		45.0					190.67	212.15	21.48	11.3%	198.14	388.81	410.29	5.5%
17		50.0					201.51	222.99	21.48	10.7%	220.16	421.67	443.15	5.1%
18		60.0					223.20	244.68	21.48	9.6%	264.19	487.39	508.87	4.4%
19		70.0					244.89	266.37	21.48	8.8%	308.22	553.11	574.59	3.9%
20		80.0					266.58	288.06	21.48	8.1%	352.25	618.83	640.31	3.5%
21		90.0					288.27	309.75	21.48	7.5%	396.28	684.55	706.03	3.1%
22		100.0					309.96	331.44	21.48	6.9%	440.32	750.27	771.75	2.9%
23		125.0					355.63	377.11	21.48	6.0%	550.39	906.03	927.51	2.4%
24		150.0					401.31	422.79	21.48	5.4%	660.47	1,061.78	1,083.26	2.0%
25		175.0					446.98	468.46	21.48	4.8%	770.55	1,217.53	1,239.01	1.8%
26		200.0					492.66	514.14	21.48	4.4%	880.63	1,373.29	1,394.77	1.6%
27		225.0					538.33	559.81	21.48	4.0%	990.71	1,529.04	1,550.52	1.4%
28		250.0					584.01	605.49	21.48	3.7%	1,100.79	1,684.79	1,706.27	1.3%
29		300.0					675.36	696.84	21.48	3.2%	1,320.95	1,996.30	2,017.78	1.1%
30		400.0					858.05	879.53	21.48	2.5%	1,761.26	2,619.32	2,640.80	0.8%
31		500.0					1,040.75	1,062.23	21.48	2.1%	2,201.58	3,242.33	3,263.81	0.7%
32		600.0					1,223.45	1,244.93	21.48	1.8%	2,641.89	3,865.34	3,886.82	0.6%
33		700.0					1,406.15	1,427.63	21.48	1.5%	3,082.21	4,488.36	4,509.84	0.5%

PROPOSED RATES EFFECTIVE: MAY 2017

LINE NO.	RATE CODE	USAGE MCF (A)	MOST		INCREASE (D=C-B)	PERCENT OF INCREASE (E=D/B)		CURRENT BILL (F)	PROPOSED BILL (G)	DOLLAR INCREASE (H=G-F)	PERCENT OF INCREASE (I=H/F)	ANNUALIZED	CURRENT	PROPOSED	PERCENT OF CHANGE (M=(L-K)/K)
			CURRENT RATE (B)	PROPOSED RATE (C)		FUEL COST ADDITIONS (J)	BILL INCLUDING FUEL COST (K=F+J)					BILL INCLUDING FUEL COST (L=G+J)			
1 GENERAL TRANSPORTATION SERVICE															
2	FIRST 25 MCF		1.8730	1.8730	0.0000	0.0%						4.1940			
3	NEXT 75 MCF		1.4547	1.4547	0.0000	0.0%									
4	OVER 100 MCF		1.1872	1.1872	0.0000	0.0%									
5	CUSTOMER CHARGE		79.84	100.30	20.46	25.6%									
6		0.0					83.82	105.30	21.48	25.6%	-	83.82	105.30	25.6%	
7		1.0					85.96	107.44	21.48	25.0%	4.51	90.46	111.94	23.7%	
8		5.0					94.49	115.97	21.48	22.7%	22.54	117.03	138.51	18.4%	
9		10.0					105.16	126.64	21.48	20.4%	45.09	150.24	171.72	14.3%	
10		15.0					115.83	137.31	21.48	18.5%	67.63	183.45	204.93	11.7%	
11		20.0					126.49	147.97	21.48	17.0%	90.17	216.67	238.15	9.9%	
12		25.0					137.16	158.64	21.48	15.7%	112.71	249.88	271.36	8.6%	
13		30.0					145.64	167.12	21.48	14.7%	135.26	280.89	302.37	7.6%	
14		35.0					154.11	175.59	21.48	13.9%	157.80	311.91	333.39	6.9%	
15		40.0					162.58	184.06	21.48	13.2%	180.34	342.92	364.40	6.3%	
16		45.0					171.05	192.53	21.48	12.6%	202.88	373.94	395.42	5.7%	
17		50.0					179.53	201.01	21.48	12.0%	225.43	404.95	426.43	5.3%	
18		60.0					196.47	217.95	21.48	10.9%	270.51	466.98	488.46	4.6%	
19		70.0					213.41	234.90	21.48	10.1%	315.60	529.01	550.49	4.1%	
20		80.0					230.36	251.84	21.48	9.3%	360.68	591.04	612.52	3.6%	
21		90.0					247.30	268.79	21.48	8.7%	405.77	653.07	674.55	3.3%	
22		100.0					264.25	285.73	21.48	8.1%	450.86	715.10	736.58	3.0%	
23		125.0					297.71	319.19	21.48	7.2%	563.57	861.28	882.76	2.5%	
24		150.0					331.17	352.65	21.48	6.5%	676.28	1,007.46	1,028.94	2.1%	
25		175.0					364.64	386.12	21.48	5.9%	789.00	1,153.63	1,175.11	1.9%	
26		200.0					398.10	419.58	21.48	5.4%	901.71	1,299.81	1,321.29	1.7%	
27		225.0					431.56	453.04	21.48	5.0%	1,014.42	1,445.98	1,467.46	1.5%	
28		250.0					465.02	486.50	21.48	4.6%	1,127.14	1,592.16	1,613.64	1.3%	
29		300.0					531.95	553.43	21.48	4.0%	1,352.57	1,884.51	1,905.99	1.1%	
30		400.0					665.79	687.27	21.48	3.2%	1,803.42	2,469.21	2,490.69	0.9%	
31		500.0					799.64	821.12	21.48	2.7%	2,254.28	3,053.92	3,075.40	0.7%	
32		600.0					933.49	954.97	21.48	2.3%	2,705.13	3,638.62	3,660.10		

COLUMBIA GAS OF OHIO, INC.
CASE NO. 16-2236-GA-RDR
TYPICAL BILL COMPARISON

PROPOSED RATES EFFECTIVE: MAY 2017

ATTACHMENT C
SHEET 11 OF 18

LINE NO.	RATE CODE	USAGE MCF (A)	MOST CURRENT RATE (B)	PROPOSED RATE (C)	INCREASE (D=C-B)	PERCENT OF INCREASE (E=D/B)	CURRENT BILL (F)	PROPOSED BILL (G)	DOLLAR INCREASE (H=G-F)	PERCENT OF INCREASE (I=H/F)	ANNUALIZED FUEL COST ADDITIONS PROPOSED BILL (J)	CURRENT BILL INCLUDING FUEL COST (K=F+J)	PROPOSED BILL INCLUDING FUEL COST (L=G+J)	PERCENT OF CHANGE (M=(L-K)/K)
1	GENERAL TRANSPORTATION SERVICE - SCHOOLS													
2	FIRST 25 MCF		1.7871	1.7871	0.0000	0.0%					4.1940			
3	NEXT 75 MCF		1.3897	1.3897	0.0000	0.0%								
4	OVER 100 MCF		1.1356	1.1356	0.0000	0.0%								
5	CUSTOMER CHARGE		78.71	99.17	20.46	26.0%								
6		0.0					82.64	104.12	21.48	26.0%	-	82.64	104.12	26.0%
7		1.0					84.68	106.16	21.48	25.4%	4.51	89.19	110.67	24.1%
8		5.0					92.85	114.33	21.48	23.1%	22.54	115.40	136.88	18.6%
9		10.0					103.07	124.55	21.48	20.8%	45.09	148.16	169.64	14.5%
10		15.0					113.29	134.77	21.48	19.0%	67.63	180.92	202.40	11.9%
11		20.0					123.50	144.98	21.48	17.4%	90.17	213.68	235.16	10.1%
12		25.0					133.72	155.20	21.48	16.1%	112.71	246.44	267.92	8.7%
13		30.0					141.85	163.33	21.48	15.1%	135.26	277.11	298.59	7.8%
14		35.0					149.98	171.46	21.48	14.3%	157.80	307.78	329.26	7.0%
15		40.0					158.12	179.60	21.48	13.6%	180.34	338.46	359.94	6.3%
16		45.0					166.25	187.73	21.48	12.9%	202.88	369.13	390.61	5.8%
17		50.0					174.38	195.86	21.48	12.3%	225.43	399.81	421.29	5.4%
18		60.0					190.64	212.12	21.48	11.3%	270.51	461.15	482.63	4.7%
19		70.0					206.90	228.38	21.48	10.4%	315.60	522.50	543.98	4.1%
20		80.0					223.17	244.65	21.48	9.6%	360.68	583.85	605.33	3.7%
21		90.0					239.43	260.91	21.48	9.0%	405.77	645.20	666.68	3.3%
22		100.0					255.69	277.17	21.48	8.4%	450.86	706.55	728.03	3.0%
23		125.0					287.80	309.28	21.48	7.5%	563.57	851.37	872.85	2.5%
24		150.0					319.91	341.39	21.48	6.7%	676.28	996.19	1,017.67	2.2%
25		175.0					352.01	373.49	21.48	6.1%	789.00	1,141.01	1,162.49	1.9%
26		200.0					384.12	405.60	21.48	5.6%	901.71	1,285.83	1,307.31	1.7%
27		225.0					416.23	437.71	21.48	5.2%	1,014.42	1,430.65	1,452.13	1.5%
28		250.0					448.34	469.82	21.48	4.8%	1,127.14	1,575.47	1,596.95	1.4%
29		300.0					512.55	534.03	21.48	4.2%	1,352.57	1,865.12	1,886.60	1.2%
30		400.0					640.98	662.46	21.48	3.4%	1,803.42	2,444.40	2,465.88	0.9%
31		500.0					769.41	790.89	21.48	2.8%	2,254.28	3,023.69	3,045.17	0.7%
32		600.0					897.84	919.32	21.48	2.4%	2,705.13	3,602.97	3,624.45	0.6%
33		700.0					1,026.27	1,047.75	21.48	2.1%	3,155.99	4,182.26	4,203.74	0.5%
34		800.0					1,154.70	1,176.19	21.48	1.9%	3,606.84	4,761.54	4,783.03	0.5%
35		900.0					1,283.14	1,304.62	21.48	1.7%	4,057.70	5,340.83	5,362.31	0.4%
36		1,000.0					1,411.57	1,433.05	21.48	1.5%	4,508.55	5,920.12	5,941.60	0.4%
37		1,500.0					2,053.72	2,075.20	21.48	1.0%	6,762.83	8,816.54	8,838.02	0.2%
38	EXCISE TAX FIRST 100		0.1593											
39	EXCISE TAX NEXT 1900		0.0877											
40	EXCISE TAX OVER 2000		0.0411											
41	GROSS RECEIPTS TAX		4.987%											

PROPOSED RATES EFFECTIVE: MAY 2017

LINE NO.	RATE CODE	USAGE MCF (A)	MOST		INCREASE (D=C-B)	PERCENT OF INCREASE		CURRENT BILL (F)	PROPOSED BILL (G)	DOLLAR INCREASE (H=G-F)	PERCENT OF INCREASE (I=H/F)	ANNUALIZED	CURRENT	PROPOSED	PERCENT OF CHANGE (M=(L-K)/K)
			CURRENT RATE (B)	PROPOSED RATE (C)		FUEL COST ADDITIONS (J)	BILL INCLUDING FUEL COST (K=F+J)					BILL INCLUDING FUEL COST (L=G+J)			
1 FULL REQUIREMENTS GENERAL TRANSPORTATION SERVICE															
2	FIRST 25 MCF		2.3722	2.3722	0.0000	0.0%						4.1940			
3	NEXT 75 MCF		1.9539	1.9539	0.0000	0.0%									
4	OVER 100 MCF		1.6864	1.6864	0.0000	0.0%									
5	CUSTOMER CHARGE		79.84	100.30	20.46	25.6%									
6		0.0						83.82	105.30	21.48	25.6%	-	83.82	105.30	25.6%
7		1.0						86.48	107.96	21.48	24.8%	4.51	90.99	112.47	23.6%
8		5.0						97.11	118.59	21.48	22.1%	22.54	119.65	141.13	18.0%
9		10.0						110.40	131.88	21.48	19.5%	45.09	155.48	176.96	13.8%
10		15.0						123.69	145.17	21.48	17.4%	67.63	191.32	212.80	11.2%
11		20.0						136.98	158.46	21.48	15.7%	90.17	227.15	248.63	9.5%
12		25.0						150.27	171.75	21.48	14.3%	112.71	262.98	284.46	8.2%
13		30.0						161.36	182.84	21.48	13.3%	135.26	296.61	318.10	7.2%
14		35.0						172.45	193.93	21.48	12.5%	157.80	330.25	351.73	6.5%
15		40.0						183.54	205.02	21.48	11.7%	180.34	363.89	385.37	5.9%
16		45.0						194.64	216.12	21.48	11.0%	202.88	397.52	419.00	5.4%
17		50.0						205.73	227.21	21.48	10.4%	225.43	431.16	452.64	5.0%
18		60.0						227.92	249.40	21.48	9.4%	270.51	498.43	519.91	4.3%
19		70.0						250.10	271.58	21.48	8.6%	315.60	565.70	587.18	3.8%
20		80.0						272.29	293.77	21.48	7.9%	360.68	632.97	654.45	3.4%
21		90.0						294.47	315.95	21.48	7.3%	405.77	700.24	721.72	3.1%
22		100.0						316.66	338.14	21.48	6.8%	450.86	767.51	788.99	2.8%
23		125.0						363.22	384.70	21.48	5.9%	563.57	926.79	948.27	2.3%
24		150.0						409.79	431.27	21.48	5.2%	676.28	1,086.07	1,107.55	2.0%
25		175.0						456.35	477.83	21.48	4.7%	789.00	1,245.35	1,266.83	1.7%
26		200.0						502.92	524.40	21.48	4.3%	901.71	1,404.63	1,426.11	1.5%
27		225.0						549.48	570.96	21.48	3.9%	1,014.42	1,563.90	1,585.39	1.4%
28		250.0						596.05	617.53	21.48	3.6%	1,127.14	1,723.18	1,744.66	1.2%
29		300.0						689.17	710.65	21.48	3.1%	1,352.57	2,041.74	2,063.22	1.1%
30		400.0						875.43	896.91	21.48	2.5%	1,803.42	2,678.85	2,700.33	0.8%
31		500.0						1,061.69	1,083.17	21.48	2.0%	2,254.28	3,315.96	3,337.44	0.6%
32		600.0						1,247.95	1,269.43	21.48	1.7%	2,705.13	3,953.08	3,97	

RATE SCHEDULE FULL REQUIREMENTS GENERAL TRANSPORTATION SERVICE (FRGTS - SCO)

ATTACHMENT C
SHEET 13 OF 18

LINE NO.	RATE CODE	USAGE MCF (A)	MOST		PERCENT		CURRENT BILL (F)	PROPOSED BILL (G)	DOLLAR INCREASE (H=G-F)	PERCENT OF INCREASE (I=H/F)	ANNUALIZED	CURRENT	PROPOSED	PERCENT OF CHANGE (M=(L-K)/K)
			CURRENT RATE (B)	PROPOSED RATE (C)	INCREASE (D=C-B)	OF INCREASE (E=D/B)					FUEL COST ADDITIONS PROPOSED BILL (J)	BILL INCLUDING FUEL COST (K=F+J)	BILL INCLUDING FUEL COST (L=G+J)	
1 FULL REQUIREMENTS GENERAL TRANSPORTATION SERVICE - STANDARD CHOICE OFFER (SCO)														
2	FIRST 25 MCF		2.3722	2.3722	0.0000	0.0%					4.1940			
3	NEXT 75 MCF		1.9539	1.9539	0.0000	0.0%								
4	OVER 100 MCF		1.6864	1.6864	0.0000	0.0%								
5	CUSTOMER CHARGE		79.84	100.30	20.46	25.6%								
6		0.0					83.82	105.30	21.48	25.6%	-	83.82	105.30	25.6%
7		1.0					86.48	107.96	21.48	24.8%	4.51	90.99	112.47	23.6%
8		5.0					97.11	118.59	21.48	22.1%	22.54	119.65	141.13	18.0%
9		10.0					110.40	131.88	21.48	19.5%	45.09	155.48	176.96	13.8%
10		15.0					123.69	145.17	21.48	17.4%	67.63	191.32	212.80	11.2%
11		20.0					136.98	158.46	21.48	15.7%	90.17	227.15	248.63	9.5%
12		25.0					150.27	171.75	21.48	14.3%	112.71	262.98	284.46	8.2%
13		30.0					161.36	182.84	21.48	13.3%	135.26	296.61	318.10	7.2%
14		35.0					172.45	193.93	21.48	12.5%	157.80	330.25	351.73	6.5%
15		40.0					183.54	205.02	21.48	11.7%	180.34	363.89	385.37	5.9%
16		45.0					194.64	216.12	21.48	11.0%	202.88	397.52	419.00	5.4%
17		50.0					205.73	227.21	21.48	10.4%	225.43	431.16	452.64	5.0%
18		60.0					227.92	249.40	21.48	9.4%	270.51	498.43	519.91	4.3%
19		70.0					250.10	271.58	21.48	8.6%	315.60	565.70	587.18	3.8%
20		80.0					272.29	293.77	21.48	7.9%	360.68	632.97	654.45	3.4%
21		90.0					294.47	315.95	21.48	7.3%	405.77	700.24	721.72	3.1%
22		100.0					316.66	338.14	21.48	6.8%	450.86	767.51	788.99	2.8%
23		125.0					363.22	384.70	21.48	5.9%	563.57	926.79	948.27	2.3%
24		150.0					409.79	431.27	21.48	5.2%	676.28	1,086.07	1,107.55	2.0%
25		175.0					456.35	477.83	21.48	4.7%	789.00	1,245.35	1,266.83	1.7%
26		200.0					502.92	524.40	21.48	4.3%	901.71	1,404.63	1,426.11	1.5%
27		225.0					549.48	570.96	21.48	3.9%	1,014.42	1,563.90	1,585.39	1.4%
28		250.0					596.05	617.53	21.48	3.6%	1,127.14	1,723.18	1,744.66	1.2%
29		300.0					689.17	710.65	21.48	3.1%	1,352.57	2,041.74	2,063.22	1.1%
30		400.0					875.43	896.91	21.48	2.5%	1,803.42	2,678.85	2,700.33	0.8%
31		500.0					1,061.69	1,083.17	21.48	2.0%	2,254.28	3,315.96	3,337.44	0.6%
32		600.0					1,247.95	1,269.43	21.48	1.7%	2,705.13	3,953.08	3,974.56	0.5%
33		700.0					1,434.20	1,455.68	21.48	1.5%	3,155.99	4,590.19	4,611.67	0.5%
34		800.0					1,620.46	1,641.94	21.48	1.3%	3,606.84	5,227.30	5,248.78	0.4%
35		900.0					1,806.72	1,828.20	21.48	1.2%	4,057.70	5,864.41	5,885.89	0.4%
36		1,000.0					1,992.98	2,014.46	21.48	1.1%	4,508.55	6,501.53	6,523.01	0.3%
37		1,500.0					2,924.26	2,945.74	21.48	0.7%	6,762.83	9,687.09	9,708.57	0.2%
38	EXCISE TAX FIRST 100		0.1593											
39	EXCISE TAX NEXT 1900		0.0877											
40	EXCISE TAX OVER 2000		0.0411											
41	GROSS RECEIPTS TAX		4.987%											
42	FRANKLIN COUNTY SALES TAX		7.500%											

RATE SCHEDULE FULL REQUIREMENTS GENERAL TRANSPORTATION SERVICE-SCHOOLS (FRGTS-SCHOOLS)

ATTACHMENT C
SHEET 14 OF 18

LINE NO.	RATE CODE	USAGE MCF (A)	MOST		PERCENT		CURRENT BILL (F)	PROPOSED BILL (G)	DOLLAR INCREASE (H=G-F)	PERCENT OF INCREASE (I=H/F)	ANNUALIZED	CURRENT	PROPOSED	PERCENT OF CHANGE (M=(L-K)/K)
			CURRENT RATE (B)	PROPOSED RATE (C)	INCREASE (D=C-B)	OF INCREASE (E=D/B)					FUEL COST	BILL	BILL	
											PROPOSED BILL (J)	INCLUDING FUEL COST (K=F+J)	INCLUDING FUEL COST (L=G+J)	
1	FULL REQUIREMENTS GENERAL TRANSPORTATION SERVICE - SCHOOLS													
2	FIRST 25 MCF		2.2863	2.2863	0.0000	0.0%					4.1940			
3	NEXT 75 MCF		1.8889	1.8889	0.0000	0.0%								
4	OVER 100 MCF		1.6348	1.6348	0.0000	0.0%								
5	CUSTOMER CHARGE		78.71	99.17	20.46	26.0%								
6		0.0					82.64	104.12	21.48	26.0%	-	82.64	104.12	26.0%
7		1.0					85.20	106.68	21.48	25.2%	4.51	89.71	111.19	23.9%
8		5.0					95.47	116.95	21.48	22.5%	22.54	118.02	139.50	18.2%
9		10.0					108.31	129.79	21.48	19.8%	45.09	153.40	174.88	14.0%
10		15.0					121.15	142.63	21.48	17.7%	67.63	188.78	210.26	11.4%
11		20.0					133.99	155.47	21.48	16.0%	90.17	224.16	245.64	9.6%
12		25.0					146.82	168.30	21.48	14.6%	112.71	259.54	281.02	8.3%
13		30.0					157.58	179.06	21.48	13.6%	135.26	292.83	314.31	7.3%
14		35.0					168.33	189.81	21.48	12.8%	157.80	326.13	347.61	6.6%
15		40.0					179.08	200.56	21.48	12.0%	180.34	359.42	380.90	6.0%
16		45.0					189.83	211.31	21.48	11.3%	202.88	392.72	414.20	5.5%
17		50.0					200.58	222.06	21.48	10.7%	225.43	426.01	447.49	5.0%
18		60.0					222.09	243.57	21.48	9.7%	270.51	492.60	514.08	4.4%
19		70.0					243.59	265.07	21.48	8.8%	315.60	559.19	580.67	3.8%
20		80.0					265.09	286.57	21.48	8.1%	360.68	625.78	647.26	3.4%
21		90.0					286.60	308.08	21.48	7.5%	405.77	692.37	713.85	3.1%
22		100.0					308.10	329.58	21.48	7.0%	450.86	758.96	780.44	2.8%
23		125.0					353.31	374.79	21.48	6.1%	563.57	916.88	938.36	2.3%
24		150.0					398.52	420.00	21.48	5.4%	676.28	1,074.80	1,096.28	2.0%
25		175.0					443.73	465.21	21.48	4.8%	789.00	1,232.73	1,254.21	1.7%
26		200.0					488.94	510.42	21.48	4.4%	901.71	1,390.65	1,412.13	1.5%
27		225.0					534.15	555.63	21.48	4.0%	1,014.42	1,548.57	1,570.05	1.4%
28		250.0					579.36	600.84	21.48	3.7%	1,127.14	1,706.50	1,727.98	1.3%
29		300.0					669.78	691.26	21.48	3.2%	1,352.57	2,022.35	2,043.83	1.1%
30		400.0					850.62	872.10	21.48	2.5%	1,803.42	2,654.04	2,675.52	0.8%
31		500.0					1,031.46	1,052.94	21.48	2.1%	2,254.28	3,285.74	3,307.22	0.7%
32		600.0					1,212.30	1,233.78	21.48	1.8%	2,705.13	3,917.43	3,938.91	0.5%
33		700.0					1,393.14	1,414.62	21.48	1.5%	3,155.99	4,549.13	4,570.61	0.5%
34		800.0					1,573.98	1,595.46	21.48	1.4%	3,606.84	5,180.82	5,202.30	0.4%
35		900.0					1,754.82	1,776.30	21.48	1.2%	4,057.70	5,812.52	5,834.00	0.4%
36		1,000.0					1,935.66	1,957.14	21.48	1.1%	4,508.55	6,444.21	6,465.69	0.3%
37		1,500.0					2,839.86	2,861.34	21.48	0.8%	6,762.83	9,602.69	9,624.17	0.2%
38	EXCISE TAX FIRST 100		0.1593											
39	EXCISE TAX NEXT 1900		0.0877											
40	EXCISE TAX OVER 2000		0.0411											
41	GROSS RECEIPTS TAX		4.987%											

ATTACHMENT C
SHEET 15 OF 18

LINE NO.	RATE CODE	USAGE MCF (A)	MOST		PERCENT OF		CURRENT BILL (F)	PROPOSED BILL (G)	DOLLAR INCREASE (H=G-F)	PERCENT OF INCREASE (I=H/F)	ANNUALIZED	CURRENT	PROPOSED	PERCENT OF CHANGE (M=(L-K)/K)
			CURRENT RATE (B)	PROPOSED RATE (C)	INCREASE (D=C-B)	INCREASE (E=D/B)					FUEL COST	BILL	BILL	
											ADDITIONS PROPOSED BILL (J)	INCLUDING FUEL COST (K=F+J)	INCLUDING FUEL COST (L=G+J)	
1	LARGE GENERAL SERVICE													
2	FIRST 2,000 MCF		1.0271	1.0271	0.0000	0.0%					4.1940			
3	NEXT 13,000 MCF		0.8681	0.8681	0.0000	0.0%								
4	NEXT 85,000 MCF		0.8361	0.8361	0.0000	0.0%								
5	OVER 100,000 MCF		0.7901	0.7901	0.0000	0.0%								
6	CUSTOMER CHARGE		2348.76	2854.42	505.66	21.5%								
7		0.0					2,465.89	2,996.77	530.88	21.5%	-	2,465.89	2,996.77	21.5%
8		1,000.0					3,643.80	4,174.68	530.88	14.6%	4,403.15	8,046.96	8,577.84	6.6%
9		1,500.0					4,229.00	4,759.88	530.88	12.6%	6,604.73	10,833.73	11,364.61	4.9%
10		2,000.0					4,814.20	5,345.08	530.88	11.0%	8,806.31	13,620.51	14,151.39	3.9%
11		3,000.0					5,768.74	6,299.62	530.88	9.2%	13,209.46	18,978.21	19,509.08	2.8%
12		5,000.0					7,677.83	8,208.70	530.88	6.9%	22,015.77	29,693.60	30,224.48	1.8%
13		10,000.0					12,450.53	12,981.41	530.88	4.3%	44,031.55	56,482.08	57,012.96	0.9%
14		15,000.0					17,223.24	17,754.12	530.88	3.1%	66,047.32	83,270.57	83,801.44	0.6%
15		17,500.0					19,525.61	20,056.49	530.88	2.7%	77,055.21	96,580.82	97,111.69	0.5%
16		20,000.0					21,827.97	22,358.85	530.88	2.4%	88,063.10	109,891.07	110,421.95	0.5%
17		50,000.0					49,456.35	49,987.23	530.88	1.1%	220,157.74	269,614.09	270,144.97	0.2%
18		70,000.0					67,875.27	68,406.15	530.88	0.8%	308,220.83	376,096.11	376,626.98	0.1%
19		85,000.0					81,689.46	82,220.34	530.88	0.6%	374,268.16	455,957.62	456,488.49	0.1%
20		100,000.0					95,503.65	96,034.53	530.88	0.6%	440,315.48	535,819.13	536,350.01	0.1%
21		150,000.0					139,136.25	139,667.12	530.88	0.4%	660,473.22	799,609.46	800,140.34	0.1%
22		200,000.0					182,768.84	183,299.72	530.88	0.3%	880,630.96	1,063,399.80	1,063,930.68	0.0%
23		250,000.0					226,401.44	226,932.32	530.88	0.2%	1,100,788.70	1,327,190.14	1,327,721.01	0.0%
24		300,000.0					270,034.04	270,564.92	530.88	0.2%	1,320,946.43	1,590,980.47	1,591,511.35	0.0%
25		350,000.0					313,666.64	314,197.51	530.88	0.2%	1,541,104.17	1,854,770.81	1,855,301.69	0.0%
26		400,000.0					357,299.23	357,830.11	530.88	0.1%	1,761,261.91	2,118,561.15	2,119,092.02	0.0%
27		450,000.0					400,931.83	401,462.71	530.88	0.1%	1,981,419.65	2,382,351.48	2,382,882.36	0.0%
28		500,000.0					444,564.43	445,095.31	530.88	0.1%	2,201,577.39	2,646,141.82	2,646,672.70	0.0%
29	EXCISE TAX FIRST 100		0.1593											
30	EXCISE TAX NEXT 1900		0.0877											
31	EXCISE TAX OVER 2000		0.0411											
32	EXCISE TAX FLEXED RATE		0.0200											
33	GROSS RECEIPTS TAX		4.987%											

ATTACHMENT C
SHEET 16 OF 18

RATE SCHEDULE FULL REQUIREMENTS LARGE GENERAL TRANSPORTATION SERVICE (FRLGTS)

ATTACHMENT C
SHEET 17 OF 18

											ANNUALIZED	CURRENT	PROPOSED	
LINE	RATE	USAGE	MOST			PERCENT				PERCENT	FUEL COST	BILL	BILL	PERCENT
NO.	CODE	MCF	CURRENT	PROPOSED	INCREASE	OF	CURRENT	PROPOSED	DOLLAR	OF	ADDITIONS	INCLUDING	INCLUDING	OF
		(A)	(B)	(C)	(D=C-B)	(E=D/B)	(F)	(G)	(H=G-F)	(I=H/F)	PROPOSED BILL	FUEL COST	FUEL COST	CHANGE
1	FULL REQUIREMENTS LARGE GENERAL TRANSPORTATION SERVICE													
2	FIRST 2,000 MCF		1.0094	1.0094	0.0000	0.0%					4.1940			
3	NEXT 13,000 MCF		0.8504	0.8504	0.0000	0.0%								
4	NEXT 85,000 MCF		0.8184	0.8184	0.0000	0.0%								
5	OVER 100,000 MCF		0.7724	0.7724	0.0000	0.0%								
6	CUSTOMER CHARGE		2348.76	2854.42	505.66	21.5%								
7		0.0					2,465.89	2,996.77	530.88	21.5%	-	2,465.89	2,996.77	21.5%
8		1,000.0					3,625.22	4,156.10	530.88	14.6%	4,508.55	8,133.77	8,664.65	6.5%
9		1,500.0					4,201.13	4,732.01	530.88	12.6%	6,762.83	10,963.95	11,494.83	4.8%
10		2,000.0					4,777.03	5,307.91	530.88	11.1%	9,017.10	13,794.13	14,325.01	3.8%
11		3,000.0					5,712.99	6,243.87	530.88	9.3%	13,525.65	19,238.64	19,769.52	2.8%
12		5,000.0					7,584.91	8,115.79	530.88	7.0%	22,542.75	30,127.66	30,658.54	1.8%
13		10,000.0					12,264.71	12,795.58	530.88	4.3%	45,085.50	57,350.21	57,881.08	0.9%
14		15,000.0					16,944.50	17,475.38	530.88	3.1%	67,628.25	84,572.75	85,103.63	0.6%
15		17,500.0					19,200.41	19,731.29	530.88	2.8%	78,899.63	98,100.04	98,630.91	0.5%
16		20,000.0					21,456.32	21,987.20	530.88	2.5%	90,171.00	111,627.32	112,158.20	0.5%
17		50,000.0					48,527.22	49,058.09	530.88	1.1%	225,427.50	273,954.72	274,485.59	0.2%
18		70,000.0					66,574.48	67,105.36	530.88	0.8%	315,598.50	382,172.98	382,703.86	0.1%
19		85,000.0					80,109.93	80,640.81	530.88	0.7%	383,226.75	463,336.68	463,867.56	0.1%
20		100,000.0					93,645.38	94,176.26	530.88	0.6%	450,855.00	544,500.38	545,031.26	0.1%
21		150,000.0					136,348.84	136,879.72	530.88	0.4%	676,282.50	812,631.34	813,162.22	0.1%
22		200,000.0					179,052.30	179,583.18	530.88	0.3%	901,710.00	1,080,762.30	1,081,293.18	0.0%
23		250,000.0					221,755.77	222,286.64	530.88	0.2%	1,127,137.50	1,348,893.27	1,349,424.14	0.0%
24		300,000.0					264,459.23	264,990.11	530.88	0.2%	1,352,565.00	1,617,024.23	1,617,555.11	0.0%
25		350,000.0					307,162.69	307,693.57	530.88	0.2%	1,577,992.50	1,885,155.19	1,885,686.07	0.0%
26		400,000.0					349,866.15	350,397.03	530.88	0.2%	1,803,420.00	2,153,286.15	2,153,817.03	0.0%
27		450,000.0					392,569.62	393,100.49	530.88	0.1%	2,028,847.50	2,421,417.12	2,421,947.99	0.0%
28		500,000.0					435,273.08	435,803.96	530.88	0.1%	2,254,275.00	2,689,548.08	2,690,078.96	0.0%
29	EXCISE TAX FIRST 100		0.1593											
30	EXCISE TAX NEXT 1900		0.0877											
31	EXCISE TAX OVER 2000		0.0411											
32	EXCISE TAX FLEXED RATE		0.0200											
33	GROSS RECEIPTS TAX		4.987%											
34	FRANKLIN COUNTY SALES TAX		7.500%											

RATE SCHEDULE LARGE GENERAL TRANSPORTATION SERVICE - MAINLINE (LGTS MAINLINE)

ATTACHMENT C
SHEET 18 OF 18

											ANNUALIZED	CURRENT	PROPOSED	
LINE	RATE	USAGE	MOST			PERCENT				PERCENT	FUEL COST	BILL	BILL	PERCENT
NO.	CODE	MCF	CURRENT	PROPOSED	INCREASE	OF	CURRENT	PROPOSED	DOLLAR	OF	ADDITIONS	INCLUDING	INCLUDING	OF
		(A)	(B)	(C)	(D=C-B)	(E=D/B)	(F)	(G)	(H=G-F)	(I=H/F)	(J)	(K=F+J)	(L=G+J)	(M=(L-K)/K)
1	LARGE GENERAL TRANSPORTATION SERVICE - MAINLINE													
2	ALL DELIVERIES PER MCF		0.2732	0.2732	0.0000	0.0%					4.1940			
3	CUSTOMER CHARGE		2348.76	2,854.42	505.66	21.5%								
4		500.0					2,662.86	3,193.74	530.88	19.9%	2,254.28	4,917.13	5,448.01	10.8%
5		1,000.0					2,852.31	3,383.19	530.88	18.6%	4,508.55	7,360.86	7,891.74	7.2%
6		1,500.0					3,041.76	3,572.63	530.88	17.5%	6,762.83	9,804.58	10,335.46	5.4%
7		2,000.0					3,231.21	3,762.08	530.88	16.4%	9,017.10	12,248.31	12,779.18	4.3%
8		3,000.0					3,561.18	4,092.06	530.88	14.9%	13,525.65	17,086.83	17,617.71	3.1%
9		5,000.0					4,221.13	4,752.01	530.88	12.6%	22,542.75	26,763.88	27,294.76	2.0%
10		10,000.0					5,871.00	6,401.88	530.88	9.0%	45,085.50	50,956.50	51,487.38	1.0%
11		15,000.0					7,520.87	8,051.75	530.88	7.1%	67,628.25	75,149.12	75,680.00	0.7%
12		17,500.0					8,345.81	8,876.68	530.88	6.4%	78,899.63	87,245.43	87,776.31	0.6%
13		20,000.0					9,170.74	9,701.62	530.88	5.8%	90,171.00	99,341.74	99,872.62	0.5%
14		50,000.0					19,069.96	19,600.84	530.88	2.8%	225,427.50	244,497.46	245,028.34	0.2%
15		70,000.0					25,669.45	26,200.32	530.88	2.1%	315,598.50	341,267.95	341,798.82	0.2%
16		85,000.0					30,619.06	31,149.94	530.88	1.7%	383,226.75	413,845.81	414,376.69	0.1%
17		100,000.0					35,568.67	36,099.55	530.88	1.5%	450,855.00	486,423.67	486,954.55	0.1%
18		150,000.0					52,067.38	52,598.26	530.88	1.0%	676,282.50	728,349.88	728,880.76	0.1%
19		200,000.0					68,566.09	69,096.96	530.88	0.8%	901,710.00	970,276.09	970,806.96	0.1%
20		250,000.0					85,064.79	85,595.67	530.88	0.6%	1,127,137.50	1,212,202.29	1,212,733.17	0.0%
21		300,000.0					101,563.50	102,094.38	530.88	0.5%	1,352,565.00	1,454,128.50	1,454,659.38	0.0%
22		350,000.0					118,062.21	118,593.08	530.88	0.4%	1,577,992.50	1,696,054.71	1,696,585.58	0.0%
23		400,000.0					134,560.91	135,091.79	530.88	0.4%	1,803,420.00	1,937,980.91	1,938,511.79	0.0%
24		450,000.0					151,059.62	151,590.50	530.88	0.4%	2,028,847.50	2,179,907.12	2,180,438.00	0.0%
25		500,000.0					167,558.33	168,089.21	530.88	0.3%	2,254,275.00	2,421,833.33	2,422,364.21	0.0%
26	EXCISE TAX FIRST 100		0.1593											
27	EXCISE TAX NEXT 1900		0.0877											
28	EXCISE TAX OVER 2000		0.0411											
29	EXCISE TAX FLEXED RATE		0.0200											
30	GROSS RECEIPTS TAX		4.987%											
31	FRANKLIN COUNTY SALES TAX		7.500%											

PFN EXHIBIT 5

**LETTER SENT TO MAYORS
AND LEGISLATIVE AUTHORITIES**

November 28, 2016



Dear Public Official:

As it has for several years, Columbia Gas of Ohio in 2016 is investing in infrastructure replacement programs that benefit both our customers and your community. **A NiSource Company**

In addition, Columbia continues to make substantial investments in energy efficiency (Demand Side Management, or DSM) programs that help our customers save money on their energy bills.

As authorized by the Public Utilities Commission of Ohio (PUCO) in its Opinion and Order in Case Nos. 08-72-GA-AIR and 11-5515-GA-ALT, Columbia may recover certain infrastructure and energy efficiency investments made in the previous calendar year. Columbia will soon make its annual filings with the PUCO to set rates for its Infrastructure Replacement Program Rider (Rider IRP) and the Demand Side Management Rider (Rider DSM).

In February, our application will request an increase of an estimated \$33.0 million, to be collected through the Rider IRP, beginning May 2017. The Rider IRP increase will raise bills by \$1.35 per month for residential customers and represents a 2.1 percent increase on typical residential bills based on average monthly consumption. Columbia's application will also request an increase of an estimated \$0.5 million to cover DSM program costs. On average, Rider DSM will not represent an increase to residential bills. For a list of the rate impact on all rate classes, see the enclosed insert.

Under its Infrastructure Replacement Program, Columbia is replacing aged cast iron, wrought iron, unprotected coated steel and bare steel distribution pipe, as well as hazardous customer service lines. Also included in the Infrastructure Replacement Program are the repair or replacement of 320,000 prone-to-failure risers (completed in 2012) and the installation of more than 1.4 million automated meter reading devices (AMRD) on all residential and commercial meters (completed in 2013).

Replacing our aged distribution main with modern pipe produces several benefits for our customers and our communities:

- It reduces leaks, which enhances the safety of our system and means we have to dig up streets, sidewalks and lawns less often.
- It allows us to operate distribution systems at higher pressures, which keeps water from infiltrating lines and disrupting service, and better supports economic development in older neighborhoods.
- It lowers our operating and maintenance costs, and these savings get passed on to our customers.
- It creates local construction jobs and increases local tax revenue.

Our IRP program produces other customer benefits as well:

- It addresses a riser safety issue identified by the PUCO and relieves the impacted customers of hundreds of dollars in repair or replacement costs. Prior to 2008, risers were customer-owned equipment.
- It relieves customers of repair bills in the hundreds or thousands of dollars if their customer service line develops a hazardous leak. Prior to 2008, these service lines were customer-owned equipment.
- The installation of AMRDs means that our customers with indoor gas meters no longer have to make access arrangements for our meter readers, and full AMRD deployment has allowed Columbia to do actual meter readings every month, eliminating bi-monthly estimated reads, which were a significant source of customer service complaints.
- Full deployment of AMRDs has resulted in substantial meter reading cost savings that are being passed on to customers through this program.

Our DSM programs produce both up-front and long-term savings for our customers. The up-front discounts include free or rebated programmable thermostats; high-efficiency showerheads; home energy audits; attic and wall insulation; air sealing; and high-efficiency natural gas heating equipment, as well as whole house weatherization for low-income customers. The installation of such energy-saving measures results in long-term savings on natural gas bills.

The DSM portfolio of programs also includes a behavioral program which provides home energy reports to customers about their home energy usage and ways they can improve their energy efficiency. The portfolio also includes a residential new construction program, an energy efficiency education program for students, an online energy audit, a small commercial construction program, and a program that provides commercial customers with energy-conservation opportunities for energy-efficiency projects.

Through September 2016, Columbia has performed more than 36,100 home energy audits and nearly 50% of the customers who have had audits have elected to make energy-efficiency improvements to their homes through the Home Performance Solutions program. Over 9,400 new homes have been built through the ENERGY STAR® New Homes (now EfficiencyCrafted® Homes) program that provides rebates to Ohio homebuilders to construct homes that exceed the energy efficiency levels of code-built homes. Since 2009, over 14,200 low-income households have received free whole-house weatherization through Columbia's WarmChoice® program. Through the Simple Energy Solutions program, customers have received rebates on over 44,700 energy-efficient showerheads, over 25,800 programmable thermostats, and over 12,700 energy-efficient faucet aerators.

In addition, approximately 103,000 students will be educated by the end of 2016 on the benefits of energy efficiency and will receive a kit of energy efficiency measures to install at their home through the e³ smart program. Columbia will also provide approximately 430,000 residential customers with home energy reports in 2016 that will provide them with customized reports on their energy usage and energy saving recommendations. Columbia has also provided over 15,900 rebates to customers to purchase high efficiency natural gas furnaces and boilers through its high efficiency heating system replacement program.

Columbia is not currently recovering its 2016 investments in these programs through its distribution rates. The actual Rider IRP and Rider DSM rates are subject to PUCO approval. You are not required to take any action, but should you wish to view our pre-filing notice or any other public documents in this case, you may visit the PUCO's online Docketing Information System at www.puco.ohio.gov, and review the filings made for Case No. 16-2236-GA-RDR.

We are committed to providing outstanding customer service and to maintaining strong relationships with the communities we serve. If you have any questions about our rate adjustment, please contact Jana Croom, Director of Regulatory Affairs, at (614) 460-4647.

Sincerely,

A handwritten signature in black ink, appearing to read "Daniel Creekmur", with a stylized flourish at the end.

Daniel Creekmur
President
Columbia Gas of Ohio

Enclosures
Rate Impact Sheet

Columbia Gas of Ohio, Inc.
Case No. 16-2236-GA-RDR
Summary of Rate Increase by Class
Effective May 2017

Infrastructure Replacement Program Rider

REQUESTED REVENUE INCREASE **\$33,038,969**

Monthly Increase

Small General Service Rate Increase **\$1.35**

Includes:

Small General Sales Service
Small General Sales Service-Schools
Small General Transportation Service
Full Requirements Small General Transportation Service

General Service Monthly Rate Increase **\$20.46**

Includes:

General Service
General Service - Schools
General Transportation Service
General Transportation Service - Schools
Full Requirement General Transportation Service
Full Requirement General Transportation Service - Schools

Large General Service Monthly Rate Increase **\$505.66**

Includes:

Large General Sales Service
Large General Transportation Service
Full Requirements Large General Transportation Service
Full Requirements Large General Transportation Service
Large General Transportation Service - Mainline

Demand Side Management Rider

REQUESTED REVENUE INCREASE **\$539,552**

Small General Service

Volumetric Rate Increase (per MCF) **(\$0.0007)**

Annual Increase, typical customer **(\$0.06)**

Includes:

Small General Sales Service
Small General Sales Service-Schools
Small General Transportation Service
Full Requirements Small General Transportation Service

PFN EXHIBIT 6

SUMMARY OF RATES BY CLASS

Columbia Gas of Ohio, Inc.
Case No. 16-2236-GA-RDR
Summary of Rates by Class
Effective May 2017

Attachment A

Infrastructure Replacement Program

	Riser Sch R-11	AMRP Sch AMRP-11	AMRD Sch AMRD-11	Total Monthly Rate
Small General Service	\$2.51	\$6.16	\$0.33	\$9.00
<u>Includes:</u>				
Small General Sales Service				
Small General Sales Service-Schools				
Small General Transportation Service				
Full Requirements Small General Transportation Service				
General Service	\$3.10	\$70.83	\$3.87	\$77.80
<u>Includes:</u>				
General Service				
General Service - Schools				
General Transportation Service				
General Transportation Service - Schools				
Full Requirement General Transportation Service				
Full Requirement General Transportation Service - Schools				
Large General Service	\$0.00	\$2,259.42	\$0.00	\$2,259.42
<u>Includes:</u>				
Large General Sales Service				
Large General Transportation Service				
Full Requirements Large General Transportation Service				
Full Requirements Large General Transportation Service				
Large General Transportation Service - Mainline				

	<u>Revenue Requirement by Rate Schedule</u>			
	Riser	AMRP	AMRD	Total
Small General Service	\$42,579,785	\$104,431,812	\$5,613,168	\$152,624,765
General Service	1,394,071	31,876,880	1,740,041	35,010,992
Large General Service	0	8,007,394	0	8,007,394
	<u>\$43,973,857</u>	<u>\$144,316,086</u>	<u>\$7,353,208</u>	<u>\$195,643,151</u>

Demand Side Management Program

Total Revenue Requirement	\$25,578,878
Small General Service Rate per MCF	\$0.2213
<u>Includes:</u>	
Small General Sales Service	
Small General Sales Service-Schools	
Small General Transportation Service	
Full Requirements Small General Transportation Service	

PFN EXHIBIT 7A

STUDY – RIDER IRP (AMRP)

Columbia Gas of Ohio, Inc.
Infrastructure Tracking Mechanism-Accelerated Mains Replacement Program
Case No. 16-2236-GA-RDR
Calculation of Revenue Requirement

Data: 2016 - 9 Months Actual 3 Months Estimate

Schedule AMRP-1

Line No.		Actual Through December 31, 2015	Activity Through December 31, 2016	Total As Of December 31, 2016	Reference
Return on Investment					
1	Plant In-Service				
2	Additions	\$881,731,837	\$227,856,351	\$1,109,588,189	Schedule 2
3	Retirements	(100,570,159)	(21,119,696)	(121,689,855)	Schedule 4
4	Total Plant In-Service	<u>\$781,161,678</u>	<u>\$206,736,655</u>	<u>\$987,898,334</u>	Line 2 + Line 3
Less: Accumulated Provision for Depreciation					
5	Depreciation Expense	\$54,769,383	\$22,742,568	\$77,511,951	Schedule 5
6	Cost of Removal	(32,435,569)	(10,739,322)	(43,174,891)	Schedule 3
7	Retirements	(100,570,159)	(21,119,696)	(121,689,855)	Schedule 4
8	Total Accumulated Provision for Depreciation	<u>(\$78,236,345)</u>	<u>(\$9,116,450)</u>	<u>(\$87,352,795)</u>	Lines 5 + 6 + 7
9	Net Deferred Depreciation	11,143,504	\$2,826,312	13,969,816	Schedule 5
10	Net Deferred PISCC	31,981,927	\$7,612,924	39,594,851	Schedule 6
11	Net Deferred Property Taxes	4,642,791	1,234,385	5,877,176	Schedule 7
12	Deferred Taxes on PISCC	(11,193,674)	(2,664,523)	(13,858,198)	(Line 10 * 35%)
13	Deferred Taxes on Deferred Property Taxes	(1,624,977)	(432,035)	(2,057,012)	(Line 11 * 35%)
14	Deferred Taxes on Liberalized Depreciation	<u>(169,172,955)</u>	<u>(37,637,667)</u>	<u>(206,810,622)</u>	Schedule 8
15	Net Rate Base	\$725,174,638	\$186,792,502	\$911,967,140	Line 4 - Line 8 + Lines 9 through 14
16	Approved Pre-tax Rate of Return	10.95%	10.95%	10.95%	Joint Stipulation & Recommendation Case No. 08-0072-GA-AIR
17	Annualized Return on Rate Base	\$79,406,623	\$20,453,779	\$99,860,402	Line 15 * Line 16
Operating Expenses					
18	Annualized Depreciation	18,031,597	4,794,288	22,825,885	Schedule 5
19	Annualized Deferred Depreciation Amortization	295,400	77,924	373,325	Schedule 5
20	Annualized PISCC Amortization	800,402	198,603	999,006	Schedule 6
21	Annualized Property Tax Expense	17,420,730	4,734,507	22,155,238	Schedule 7
22	Deferred Property Tax Expense Amortization	110,843	30,977	141,820	Schedule 7
23	Operation & Maintenance Expense	115,912	3,840	119,752	Schedule 9A
24	Operation & Maintenance Savings	(1,250,000)	-	(1,250,000)	Schedule 9B
25	Revenue Requirement	<u>\$114,931,507</u>	<u>\$30,293,919</u>	<u>\$145,225,426</u>	Lines 17 through 24
26	Prior Year's (Over)/Under Recovered Balance	(1,364,861)	3,226,006	1,861,145	Schedule 10
27	Property Tax Refund	0	(2,770,485)	(2,770,485)	
28	TOTAL Amount to be collected beginning May 2017	<u>\$113,566,646</u>	<u>\$30,749,440</u>	<u>\$144,316,086</u>	Lines 25 through 27

Columbia Gas of Ohio, Inc.
Infrastructure Tracking Mechanism-Accelerated Mains Replacement Program
Case No. 16-2236-GA-RDR
Plant Additions by Month

Data: 2016 - 9 Months Actual 3 Months Estimate

Schedule AMRP-2

Line No.	Description	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	Cumulative Total
1	376.25 Mains	\$0	\$20,347,124	\$21,533,254	\$21,892,932	\$60,359,901	\$96,833,709	\$111,683,266	\$109,803,511	\$116,028,263	\$142,244,301	\$0	\$0	\$700,726,260
2	380.25 Service Lines	\$0	\$11,053,405	\$12,260,758	\$9,539,165	\$47,183,102	\$58,162,765	\$55,905,473	\$56,179,571	\$66,793,153	\$85,612,051	\$0	\$0	\$402,689,443
3	382.25 Meter Move Out	\$0	\$5,608,745	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$5,608,745
4	383.25 House Regulators	\$0	\$0	\$563,740	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$563,740
5	TOTAL Balance	\$0	\$37,009,274	\$34,357,752	\$31,432,097	\$107,543,003	\$154,996,474	\$167,588,738	\$165,983,083	\$182,821,416	\$227,856,351	\$0	\$0	\$1,109,588,189
	Additions by Month	January	February	March	April	May	June	July	August	September	October	November	December	TOTAL
6	376.25 Mains	\$1,177,854	\$5,502,142	\$6,412,547	\$5,424,699	\$10,991,605	\$11,980,276	\$10,925,608	\$15,633,819	\$18,195,751	\$20,000,000	\$18,000,000	\$18,000,000	\$142,244,301
7	380.25 Service Lines	\$1,648,836	\$3,265,182	\$5,284,753	\$6,438,191	\$7,546,760	\$7,718,810	\$6,649,689	\$8,614,035	\$8,445,796	\$10,000,000	\$10,000,000	\$10,000,000	\$85,612,051
8	382.25 Meter Move Out	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
9	383.25 House Regulators	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
10	TOTAL Additions	\$2,826,690	\$8,767,323	\$11,697,300	\$11,862,890	\$18,538,365	\$19,699,086	\$17,575,297	\$24,247,854	\$26,641,547	\$30,000,000	\$28,000,000	\$28,000,000	\$227,856,351
	Cumulative Additions by Month													
11	376.25 Mains Cum. Additions	\$1,177,854	\$6,679,996	\$13,092,543	\$18,517,241	\$29,508,847	\$41,489,123	\$52,414,731	\$68,048,550	\$86,244,301	\$106,244,301	\$124,244,301	\$142,244,301	
12	380.25 Service Lines Cum. Additions	\$1,648,836	\$4,914,017	\$10,198,770	\$16,636,962	\$24,183,721	\$31,902,531	\$38,552,220	\$47,166,255	\$55,612,051	\$65,612,051	\$75,612,051	\$85,612,051	
13	382.25 Meter Move Out Cum. Additions	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
14	383.25 House Regulators Cum. Additions	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
15	TOTAL Cumulative Plant Additions	\$2,826,690	\$11,594,013	\$23,291,313	\$35,154,203	\$53,692,568	\$73,391,654	\$90,966,951	\$115,214,805	\$141,856,351	\$171,856,351	\$199,856,351	\$227,856,351	

Columbia Gas of Ohio, Inc.
Infrastructure Tracking Mechanism-Accelerated Mains Replacement Program
Case No. 16-2236-GA-RDR
Cost of Removal By Month

Data: 2016 - 9 Months Actual 3 Months Estimate

Schedule AMRP-3

Line No.	Description	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	Cumulative TOTAL
1	376.25 Mains	\$0	(\$123,274)	(\$601,724)	(\$513,771)	(\$503,172)	(\$950,298)	(\$521,831)	(\$531,534)	(\$683,015)	(\$723,069)	\$0	\$0	(\$5,151,688)
2	380.25 Service Lines	\$0	(\$1,505,006)	(\$832,494)	(\$841,194)	(\$2,346,927)	(\$5,490,960)	(\$5,997,918)	(\$5,551,070)	(\$5,436,321)	(\$10,016,253)	\$0	\$0	(\$38,018,143)
3	382.25 Meter Move Out	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
4	383.25 House Regulators	\$0	\$0	(\$5,060)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$5,060)
5	TOTAL Balance	\$0	(\$1,628,280)	(\$1,439,278)	(\$1,354,965)	(\$2,850,099)	(\$6,441,258)	(\$6,519,749)	(\$6,082,604)	(\$6,119,336)	(\$10,739,322)	\$0	\$0	(\$43,174,891)
	Cost of Removal by Month	January	February	March	April	May	June	July	August	September	October	November	December	TOTAL
6	376.25 Mains	(\$31,092)	(\$52,444)	(\$35,984)	(\$49,305)	(\$123,269)	(\$66,374)	(\$23,290)	(\$17,842)	(\$23,469)	(\$100,000)	(\$100,000)	(\$100,000)	(\$723,069)
7	380.25 Service Lines	(\$628,912)	(\$345,107)	(\$705,141)	(\$672,922)	(\$993,763)	(\$665,885)	(\$682,147)	(\$844,916)	(\$1,477,460)	(\$1,000,000)	(\$1,000,000)	(\$1,000,000)	(\$10,016,253)
8	382.25 Meter Move Out	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
9	383.25 House Regulators	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
10	TOTAL Cost of Removal	(\$660,004)	(\$397,551)	(\$741,125)	(\$722,227)	(\$1,117,033)	(\$732,259)	(\$705,437)	(\$862,757)	(\$1,500,929)	(\$1,100,000)	(\$1,100,000)	(\$1,100,000)	(\$10,739,322)
	Cumulative Cost of Removal by Month													
11	376.25 Mains Cumulative Cost of Removal	(\$31,092)	(\$83,536)	(\$119,520)	(\$168,825)	(\$292,094)	(\$358,468)	(\$381,759)	(\$399,600)	(\$423,069)	(\$523,069)	(\$623,069)	(\$723,069)	
12	380.25 Service Lines Cumulative Cost of Removal	(\$628,912)	(\$974,019)	(\$1,679,160)	(\$2,352,082)	(\$3,345,846)	(\$4,011,730)	(\$4,693,877)	(\$5,538,793)	(\$7,016,253)	(\$8,016,253)	(\$9,016,253)	(\$10,016,253)	
13	382.25 Meter Move Out Cumulative Cost of Removal	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
14	383.25 House Regulators Cumulative Cost of Removal	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
15	TOTAL Cumulative Cost of Removal	(\$660,004)	(\$1,057,555)	(\$1,798,680)	(\$2,520,907)	(\$3,637,940)	(\$4,370,199)	(\$5,075,636)	(\$5,938,393)	(\$7,439,322)	(\$8,539,322)	(\$9,639,322)	(\$10,739,322)	

Columbia Gas of Ohio, Inc.
Infrastructure Tracking Mechanism-Accelerated Mains Replacement Program
Case No. 16-2236-GA-RDR
Original Cost Retired By Month

Data: 2016 - 9 Months Actual 3 Months Estimate

Schedule AMRP- 4

Line No.	Description	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	Cumulative TOTAL
1	376.25 Mains	\$0	(\$1,502,427)	(\$2,871,419)	(\$2,617,919)	(\$3,677,229)	(\$7,399,369)	(\$8,879,966)	(\$7,540,001)	(\$8,269,513)	(\$6,327,495)	\$0	\$0	(\$49,085,338)
2	380.25 Service Lines	\$0	(\$3,633,260)	(\$2,183,975)	(\$1,738,350)	(\$8,560,573)	(\$11,821,609)	(\$10,659,801)	(\$9,432,743)	(\$9,697,886)	(\$14,792,201)	\$0	\$0	(\$72,520,398)
3	382.25 Meter Move Out	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
4	383.25 House Regulators	\$0	\$0	(\$84,118)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$84,118)
5	TOTAL Balance	\$0	(\$5,135,688)	(\$5,139,512)	(\$4,356,269)	(\$12,237,802)	(\$19,220,978)	(\$19,539,767)	(\$16,972,744)	(\$17,967,399)	(\$21,119,696)	\$0	\$0	(\$121,689,855)
	Retirements by Month	January	February	March	April	May	June	July	August	September	October	November	December	TOTAL
6	376.25 Mains	\$71,703	(\$226,974)	(\$165,414)	(\$242,143)	(\$309,855)	(\$285,208)	(\$611,395)	(\$851,879)	(\$706,330)	(\$1,000,000)	(\$1,000,000)	(\$1,000,000)	(\$6,327,495)
7	380.25 Service Lines	(\$497,462)	(\$682,963)	(\$904,573)	(\$1,219,693)	(\$1,315,783)	(\$1,550,501)	(\$1,284,736)	(\$1,241,136)	(\$1,595,355)	(\$1,500,000)	(\$1,500,000)	(\$1,500,000)	(\$14,792,201)
8	382.25 Meter Move Out	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
9	383.25 House Regulators	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
10	TOTAL Cost Retired	(\$425,759)	(\$909,937)	(\$1,069,987)	(\$1,461,837)	(\$1,625,638)	(\$1,835,709)	(\$1,896,131)	(\$2,093,014)	(\$2,301,685)	(\$2,500,000)	(\$2,500,000)	(\$2,500,000)	(\$21,119,696)
	Cumulative Retirements by Month													
11	376.25 Mains Cum. Retirement Cost	\$71,703	(\$155,271)	(\$320,685)	(\$562,828)	(\$872,683)	(\$1,157,891)	(\$1,769,286)	(\$2,621,165)	(\$3,327,495)	(\$4,327,495)	(\$5,327,495)	(\$6,327,495)	
12	380.25 Service Lines Cum. Retirement Cost	(\$497,462)	(\$1,180,425)	(\$2,084,998)	(\$3,304,691)	(\$4,620,474)	(\$6,170,975)	(\$7,455,710)	(\$8,696,846)	(\$10,292,201)	(\$11,792,201)	(\$13,292,201)	(\$14,792,201)	
13	382.25 Meter Move Out Cum. Retirement Cost	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
14	383.25 House Regulators Cum. Retirement Cost	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
15	TOTAL Cumulative Retirement Cost	(\$425,759)	(\$1,335,696)	(\$2,405,683)	(\$3,867,519)	(\$5,493,157)	(\$7,328,866)	(\$9,224,996)	(\$11,318,011)	(\$13,619,696)	(\$16,119,696)	(\$18,619,696)	(\$21,119,696)	

Columbia Gas of Ohio, Inc.
Infrastructure Tracking Mechanism-Accelerated Mains Replacement Program
Case No. 16-2236-GA-RDR
Provision for Depreciation

Data: 2016 - 9 Months Actual 3 Months Estimate

Schedule AMRP-5
Page 1 of 2

Line No.	Description	Beginning Balance	January	February	March	April	May	June	July	August	September	October	November	December	Ending Balance
<u>2016 Depreciation Expense on Prior Years' Investment:</u>															
1	2008 376.25 Mains		\$31,538	\$31,538	\$31,538	\$31,538	\$31,538	\$31,538	\$31,538	\$31,538	\$31,538	\$31,538	\$31,538	\$31,538	
2	2008 380.25 Service Lines		\$29,476	\$29,476	\$29,476	\$29,476	\$29,476	\$29,476	\$29,476	\$29,476	\$29,476	\$29,476	\$29,476	\$29,476	
3	2008 382.25 Meter Move Out		\$10,236	\$10,236	\$10,236	\$10,236	\$10,236	\$10,236	\$10,236	\$10,236	\$10,236	\$10,236	\$10,236	\$10,236	
4	2008 383.25 House Regulators		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
5	TOTAL Provision for Depreciation		\$71,250	\$71,250	\$71,250	\$71,250	\$71,250	\$71,250	\$71,250	\$71,250	\$71,250	\$71,250	\$71,250	\$71,250	
<u>2016 Depreciation Expense on Prior Years' Investment:</u>															
6	2009 376.25 Mains		\$33,377	\$33,377	\$33,377	\$33,377	\$33,377	\$33,377	\$33,377	\$33,377	\$33,377	\$33,377	\$33,377	\$33,377	
7	2009 380.25 Service Lines		\$32,695	\$32,695	\$32,695	\$32,695	\$32,695	\$32,695	\$32,695	\$32,695	\$32,695	\$32,695	\$32,695	\$32,695	
8	2009 382.25 Meter Move Out		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
9	2009 383.25 House Regulators		\$1,677	\$1,677	\$1,677	\$1,677	\$1,677	\$1,677	\$1,677	\$1,677	\$1,677	\$1,677	\$1,677	\$1,677	
10	TOTAL Provision for Depreciation		\$67,749	\$67,749	\$67,749	\$67,749	\$67,749	\$67,749	\$67,749	\$67,749	\$67,749	\$67,749	\$67,749	\$67,749	
<u>2016 Depreciation Expense on Prior Years' Investment:</u>															
11	2010 376.25 Mains		\$33,934	\$33,934	\$33,934	\$33,934	\$33,934	\$33,934	\$33,934	\$33,934	\$33,934	\$33,934	\$33,934	\$33,934	
12	2010 380.25 Service Lines		\$25,438	\$25,438	\$25,438	\$25,438	\$25,438	\$25,438	\$25,438	\$25,438	\$25,438	\$25,438	\$25,438	\$25,438	
13	2010 382.25 Meter Move Out		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
14	2010 383.25 House Regulators		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
15	TOTAL Provision for Depreciation		\$59,372	\$59,372	\$59,372	\$59,372	\$59,372	\$59,372	\$59,372	\$59,372	\$59,372	\$59,372	\$59,372	\$59,372	
<u>2016 Depreciation Expense on Prior Years' Investment:</u>															
16	2011 376.25 Mains		\$93,558	\$93,558	\$93,558	\$93,558	\$93,558	\$93,558	\$93,558	\$93,558	\$93,558	\$93,558	\$93,558	\$93,558	
17	2011 380.25 Service Lines		\$125,822	\$125,822	\$125,822	\$125,822	\$125,822	\$125,822	\$125,822	\$125,822	\$125,822	\$125,822	\$125,822	\$125,822	
18	2011 382.25 Meter Move Out		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
19	2011 383.25 House Regulators		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
20	TOTAL Provision for Depreciation		\$219,379	\$219,379	\$219,379	\$219,379	\$219,379	\$219,379	\$219,379	\$219,379	\$219,379	\$219,379	\$219,379	\$219,379	
<u>2016 Depreciation Expense on Prior Years' Investment:</u>															
21	2012 376.25 Mains		\$150,092	\$150,092	\$150,092	\$150,092	\$150,092	\$150,092	\$150,092	\$150,092	\$150,092	\$150,092	\$150,092	\$150,092	
22	2012 380.25 Service Lines		\$155,101	\$155,101	\$155,101	\$155,101	\$155,101	\$155,101	\$155,101	\$155,101	\$155,101	\$155,101	\$155,101	\$155,101	
23	2012 382.25 Meter Move Out		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
24	2012 383.25 House Regulators		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
25	TOTAL Provision for Depreciation		\$305,193	\$305,193	\$305,193	\$305,193	\$305,193	\$305,193	\$305,193	\$305,193	\$305,193	\$305,193	\$305,193	\$305,193	
<u>2016 Depreciation Expense on Prior Years' Investment:</u>															
26	2013 376.25 Mains		\$173,109	\$173,109	\$173,109	\$173,109	\$173,109	\$173,109	\$173,109	\$173,109	\$173,109	\$173,109	\$173,109	\$173,109	
27	2013 380.25 Service Lines		\$149,081	\$149,081	\$149,081	\$149,081	\$149,081	\$149,081	\$149,081	\$149,081	\$149,081	\$149,081	\$149,081	\$149,081	
28	2013 382.25 Meter Move Out		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
29	2013 383.25 House Regulators		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
30	TOTAL Provision for Depreciation		\$322,190	\$322,190	\$322,190	\$322,190	\$322,190	\$322,190	\$322,190	\$322,190	\$322,190	\$322,190	\$322,190	\$322,190	
<u>2016 Depreciation Expense on Prior Years' Investment:</u>															
31	2014 376.25 Mains		\$170,195	\$170,195	\$170,195	\$170,195	\$170,195	\$170,195	\$170,195	\$170,195	\$170,195	\$170,195	\$170,195	\$170,195	
32	2014 380.25 Service Lines		\$149,812	\$149,812	\$149,812	\$149,812	\$149,812	\$149,812	\$149,812	\$149,812	\$149,812	\$149,812	\$149,812	\$149,812	
33	2014 382.25 Meter Move Out		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
34	2014 383.25 House Regulators		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
35	TOTAL Provision for Depreciation		\$320,008	\$320,008	\$320,008	\$320,008	\$320,008	\$320,008	\$320,008	\$320,008	\$320,008	\$320,008	\$320,008	\$320,008	
<u>2016 Depreciation Expense on Prior Years' Investment:</u>															
36	2015 376.25 Mains		\$179,844	\$179,844	\$179,844	\$179,844	\$179,844	\$179,844	\$179,844	\$179,844	\$179,844	\$179,844	\$179,844	\$179,844	
37	2015 380.25 Service Lines		\$178,115	\$178,115	\$178,115	\$178,115	\$178,115	\$178,115	\$178,115	\$178,115	\$178,115	\$178,115	\$178,115	\$178,115	
38	2015 382.25 Meter Move Out		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
39	2015 383.25 House Regulators		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
40	TOTAL Provision for Depreciation		\$357,959	\$357,959	\$357,959	\$357,959	\$357,959	\$357,959	\$357,959	\$357,959	\$357,959	\$357,959	\$357,959	\$357,959	
<u>2016 Depreciation Expense on Current Years' Investment:</u>															
41	2016 376.25 Mains		\$913	\$6,090	\$15,324	\$24,498	\$37,220	\$55,023	\$72,775	\$93,359	\$119,577	\$149,179	\$178,629	\$206,529	
42	2016 380.25 Service Lines		\$2,198	\$8,750	\$20,150	\$35,781	\$54,428	\$74,782	\$93,940	\$114,291	\$137,038	\$161,632	\$188,299	\$214,965	
43	2016 382.25 Meter Move Out		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
44	2016 383.25 House Regulators		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
45	TOTAL Provision for Depreciation		\$3,111	\$14,840	\$35,474	\$60,279	\$91,648	\$129,805	\$166,715	\$207,650	\$256,615	\$310,811	\$366,927	\$421,494	

Columbia Gas of Ohio, Inc.
Infrastructure Tracking Mechanism-Accelerated Mains Replacement Program
Case No. 16-2236-GA-RDR
Provision for Depreciation

Data: 2016 - 9 Months Actual 3 Months Estimate

Schedule AMRP-5
Page 2 of 2

Line No.	Description	Beginning Balance	January	February	March	April	May	June	July	August	September	October	November	December	Ending Balance
TOTAL ACCUMULATED DEPRECIATION															
1	376.25 Mains Accum Depn	\$26,710,340	\$27,576,899	\$28,448,636	\$29,329,607	\$30,219,752	\$31,122,619	\$32,043,289	\$32,981,712	\$33,940,718	\$34,925,942	\$35,940,768	\$36,985,043	\$38,057,219	
2	380.25 Service Lines Accum Depn	\$27,011,287	\$27,859,026	\$28,713,316	\$29,579,006	\$30,460,327	\$31,360,294	\$32,280,615	\$33,220,095	\$34,179,926	\$35,162,503	\$36,169,675	\$37,203,513	\$38,264,019	
3	382.25 Meter Move Out Accum Depn	\$908,790	\$919,026	\$929,261	\$939,497	\$949,733	\$959,969	\$970,205	\$980,441	\$990,677	\$1,000,913	\$1,011,149	\$1,021,385	\$1,031,621	
4	383.25 House Regulators Accum Depn	\$138,967	\$140,644	\$142,321	\$143,998	\$145,675	\$147,352	\$149,029	\$150,706	\$152,384	\$154,061	\$155,738	\$157,415	\$159,092	
5	TOTAL Accumulated Depreciation	\$54,769,383	\$56,495,594	\$58,233,534	\$59,992,108	\$61,775,487	\$63,590,234	\$65,443,139	\$67,332,954	\$69,263,705	\$71,243,419	\$73,277,330	\$75,367,357	\$77,511,951	
DEFERRED DEPRECIATION:															
7	376.25 Mains Dfd Depn	\$5,835,741	\$167,994	\$173,051	\$181,981	\$190,839	\$36,108	\$53,450	\$70,507	\$89,956	\$114,967	\$143,246	\$171,146	\$197,496	\$7,426,482
8	380.25 Service Lines Dfd Depn	\$5,752,558	\$153,789	\$158,767	\$168,051	\$180,849	\$43,861	\$60,393	\$75,771	\$92,755	\$111,719	\$132,186	\$154,853	\$177,520	\$7,263,071
9	382.25 Meter Move Out Dfd Depn	\$89,913	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$89,913
10	383.25 House Regulators Dfd Depn	\$22,542	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$22,542
11	Amortization	(\$557,250)	(\$19,502)	(\$19,502)	(\$19,502)	(\$19,502)	(\$24,617)	(\$24,617)	(\$24,617)	(\$24,617)	(\$24,617)	(\$24,617)	(\$24,617)	(\$24,617)	(\$832,192)
12	Cumulative Balance	\$11,143,504	\$302,282	\$312,316	\$330,529	\$352,186	\$55,352	\$89,226	\$121,661	\$158,094	\$202,069	\$250,816	\$301,382	\$350,399	\$13,969,816
ANNUALIZED DEPRECIATION:															
		Original Cost			Retired			Net Plant in Service							
		Additions													
14	Cumulative Mains	\$700,726,260		(\$49,085,338)		\$651,640,922									
15	Cumulative Service	\$402,689,443		(\$72,520,398)		\$330,169,045									
16	Cumulative Meter Move Out	\$5,608,745		\$0		\$5,608,745									
17	Cumulative House Regulators	\$563,740		(\$84,118)		\$479,622									
18	TOTAL Cumulative Additions	\$1,109,588,189		(\$121,689,855)		\$987,898,334									
19	Depreciation Rate-Mains					1.86%									
20	Depreciation Rate-Services					3.20%									
21	Depreciation Rate-Meter Move Outs					2.19%									
22	Depreciation Rate- House Regulators					3.57%									
		ANNUALIZED DEFERRED DEPRECIATION AMORTIZATION:													
												2016			
23	Annualized Depreciation Mains					\$12,120,521						\$138,133			
24	Annualized Depreciation Services					\$10,565,409						\$232,418			
25	Annualized Depreciation Meter Move Outs					\$122,832						\$1,969			
26	Annualized Depreciation House Regulators					\$17,123						\$805			
27	TOTAL Annualized Depreciation					\$22,825,885						\$373,325			

Columbia Gas of Ohio, Inc.
Infrastructure Tracking Mechanism-Accelerated Mains Replacement Program
Case No. 16-2236-GA-RDR
Annualized Property Tax Expense Calculation

Data: 2016 - 9 Months Actual 3 Months Estimate

Schedule AMRP-7

Line No.	Description	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
1	Annual Investment as of December 31 of prior year ⁽¹⁾	\$32,599,417	\$29,218,240	\$27,075,828	\$95,305,201	\$147,202,628	\$159,827,543	\$159,480,824	\$175,862,642	\$219,492,952		
2	Percent Good ⁽²⁾	71.70%	75.00%	78.30%	81.70%	85.00%	88.30%	91.70%	95.00%	98.30%		
3	Taxable Value	\$23,373,782	\$21,913,680	\$21,200,374	\$77,864,349	\$125,122,233	\$141,127,720	\$146,243,916	\$167,069,510	\$215,761,572		
4	Valuation Percentage	25.00%	25.00%	25.00%	25.00%	25.00%	25.00%	25.00%	25.00%	25.00%		
5	Total Taxable Value	\$5,843,445	\$5,478,420	\$5,300,093	\$19,466,087	\$31,280,558	\$35,281,930	\$36,560,979	\$41,767,377	\$53,940,393		
6	Average Property Tax Rate per \$1,000 of Valuation	\$94.31	\$94.31	\$94.31	\$94.31	\$94.31	\$94.31	\$94.31	\$94.31	\$94.31		
7	Property Tax	\$551,095	\$516,670	\$499,852	\$1,835,847	\$2,950,069	\$3,327,439	\$3,448,066	\$3,939,081	\$5,087,118		\$22,155,238

⁽¹⁾ Annual Investment equals Plant Additions - Original Cost Retired

⁽²⁾ Columbia's Annual Report, Schedule C - 30 Year Class Life Distribution Plant

Line No.	Description	Beginning Balance	January	February	March	April	May	June	July	August	September	October	November	December	Total
Deferred Property Tax Expense Calculation															
8	Deferral ⁽³⁾	\$4,801,920	\$334,005	\$334,005	\$334,005	\$334,005									\$6,137,940
9	Amortization	(\$159,128)	(\$6,917)	(\$6,917)	(\$6,917)	(\$6,917)	(\$9,246)	(\$9,246)	(\$9,246)	(\$9,246)	(\$9,246)	(\$9,246)	(\$9,246)	(\$9,246)	(\$260,764)
10	Net Deferral Balance	\$4,642,791	\$327,088	\$327,088	\$327,088	\$327,088	(\$9,246)	(\$9,246)	(\$9,246)	(\$9,246)	(\$9,246)	(\$9,246)	(\$9,246)	(\$9,246)	\$5,877,176

⁽³⁾ Deferred property taxes are based off of the 2016 Property Tax Expense shown on Schedule AMRP-7, Case No. 15-1918-GA-RDR

Annualized Property Tax Amortization:

	2016
11 Cumulative Deferred Property Tax-AMRP	\$6,137,940
12 Weighted Average Depreciation Rate	2.31%
13 Annualized Deferred Property Tax Amortization	\$141,820

Columbia Gas of Ohio, Inc.
Infrastructure Tracking Mechanism-Accelerated Mains Replacement Program
Case No. 16-2236-GA-RDR
Deferred Tax - Liberalized Depreciation

Data: 2016 - 9 Months Actual 3 Months Estimate

Schedule AMRP-8

Line No.	Description	2008	2009	2010	2011	2012	2012 Accrual to Return Adj	2013	2014	2015	2016	Cumulative TOTAL
1	Plant Additions	\$37,009,274	\$34,357,752	\$31,432,097	\$107,543,003	\$154,996,474		\$167,588,738	\$165,983,083	\$182,821,416	\$227,856,351	
2	Original Cost of Retirement	(\$5,135,688)	(\$5,139,512)	(\$4,356,269)	(\$12,237,802)	(\$19,220,978)		(\$19,539,767)	(\$16,972,744)	(\$17,967,399)	(\$21,119,696)	
3	TOTAL Net Plant Additions	\$31,873,587	\$29,218,240	\$27,075,828	\$95,305,201	\$135,775,496		\$148,048,972	\$149,010,338	\$164,854,016	\$206,736,655	
4	Depreciation Expense - Plant	\$269,489	\$1,047,944	\$1,623,961	\$2,684,696	\$5,822,446		\$8,776,864	\$12,097,178	\$15,499,189	\$19,855,730	
5	MACRS Depn/Amort (Calculated Below)	\$1,593,679	\$4,488,903	\$24,674,936	\$113,721,237	\$105,866,115		\$92,934,654	\$115,205,965	\$134,076,797	\$168,541,865	
6	Difference between Book Depn & Tax Depn	(\$1,324,190)	(\$3,440,959)	(\$23,050,975)	(\$111,036,541)	(\$100,043,669)		(\$84,157,790)	(\$103,108,787)	(\$118,577,607)	(\$148,686,134)	
7	Federal Income Tax Rate	35%	35%	35%	35%	35%		35%	35%	35%	35%	
8	Deferred Tax-Liberalized Depreciation	(\$463,467)	(\$1,204,336)	(\$8,067,841)	(\$38,862,789)	(\$35,015,284)		(\$29,455,226)	(\$36,088,075)	(\$41,502,163)	(\$52,040,147)	(\$242,699,328)
9	NOL Attributable to Deferred Taxes	\$0	\$0	\$2,241,001	\$8,219,619	\$13,113,759		(\$2,989,509)	\$10,356,373	(\$9,455,017)	\$14,402,480	\$35,888,706
10	Total Deferred Taxes	(\$463,467)	(\$1,204,336)	(\$5,826,840)	(\$30,643,170)	(\$21,901,525)		(\$32,444,735)	(\$25,731,702)	(\$50,957,180)	(\$37,637,667)	(\$206,810,622)
		2008	2009	2010	2011	2012		2013	2014	2015	2016	TOTAL
11	2008	\$1,593,679	\$0	\$0								\$1,593,679
12	2009	\$3,027,991	\$1,460,912	\$0								\$4,488,903
13	2010	\$2,725,192	\$2,775,733	\$19,174,012								\$24,674,936
14	2011	\$2,454,266	\$2,498,160	\$1,225,808	\$107,543,003							\$113,721,237
15	2012	\$2,208,840	\$2,249,804	\$1,103,228		\$100,304,242						\$105,866,115
16	2013	\$1,985,724	\$2,024,824	\$993,550		4,102,059	(16,648,924)	\$100,477,421				\$92,934,654
17	2014	\$1,880,542	\$1,820,296	\$894,195		3,794,078	1,248,609	\$5,033,523	\$100,534,723			\$115,205,965
18	2015	\$1,880,542	\$1,723,876	\$803,872		3,509,963	1,155,108	\$4,655,608	\$4,908,797	\$115,439,031		\$134,076,797
19	2016	\$1,883,729	\$1,723,876	\$761,292		3,246,304	1,068,339	\$4,306,978	\$4,540,246	\$5,053,854	\$145,957,247	\$168,541,865
20	2017	\$1,880,542	\$1,726,798	\$761,292		3,003,101	988,303	\$3,983,449	\$4,200,255	\$4,674,412	\$6,142,646	\$27,360,796
21	2018	\$1,883,729	\$1,723,876	\$762,582		2,777,513	914,063	\$3,685,021	\$3,884,743	\$4,324,374	\$5,681,458	\$25,637,359
22	2019	\$1,880,542	\$1,726,798	\$761,292		2,569,540	845,620	\$3,408,209	\$3,593,710	\$3,999,538	\$5,256,008	\$24,041,258
23	2020	\$1,883,729	\$1,723,876	\$762,582		2,535,447	834,400	\$3,153,012	\$3,323,757	\$3,699,905	\$4,861,190	\$22,777,899
24	2021	\$1,880,542	\$1,726,798	\$761,292		2,534,878	834,213	\$3,111,176	\$3,074,883	\$3,421,975	\$4,497,005	\$21,842,763
25	2022	\$1,883,729	\$1,723,876	\$762,582		2,535,447	834,400	\$3,110,479	\$3,034,084	\$3,165,747	\$4,159,198	\$21,209,542
26	2023	\$940,271	\$1,726,798	\$761,292		2,534,878	834,213	\$3,111,176	\$3,033,404	\$3,123,742	\$3,847,769	\$19,913,544
27	2024	\$0	\$861,938	\$762,582		2,535,447	834,400	\$3,110,479	\$3,034,084	\$3,123,042	\$3,796,715	\$18,058,687
28	2025	\$0	\$0	\$380,646		2,534,878	834,213	\$3,111,176	\$3,033,404	\$3,123,742	\$3,795,864	\$16,813,924
29	2026	\$0	\$0	\$0		2,535,447	834,400	\$3,110,479	\$3,034,084	\$3,123,042	\$3,796,715	\$16,434,167
30	2027	\$0	\$0	\$0		2,534,878	834,213	\$3,111,176	\$3,033,404	\$3,123,742	\$3,795,864	\$16,433,278
31	2028	\$0	\$0	\$0		2,535,447	834,400	\$3,110,479	\$3,034,084	\$3,123,042	\$3,796,715	\$16,434,167
32	2029	\$0	\$0	\$0		2,534,878	834,213	\$3,111,176	\$3,033,404	\$3,123,742	\$3,795,864	\$16,433,278
33	2030	\$0	\$0	\$0		2,535,447	834,400	\$3,110,479	\$3,034,084	\$3,123,042	\$3,796,715	\$16,434,167
34	2031	\$0	\$0	\$0		2,534,878	834,213	\$3,111,176	\$3,033,404	\$3,123,742	\$3,795,864	\$16,433,278
35	2032	\$0	\$0	\$0		1,267,723	417,200	\$3,110,479	\$3,034,084	\$3,123,042	\$3,796,715	\$14,749,243
36	2033	\$0	\$0	\$0		-	-	\$1,555,588	\$3,033,404	\$3,123,742	\$3,795,864	\$11,508,598
37	2034	\$0	\$0	\$0		-	-	\$0	\$1,517,042	\$3,123,042	\$3,796,715	\$8,436,799
38	2035	\$0	\$0	\$0		-	-	\$0	\$0	\$1,561,871	\$3,795,864	\$5,357,735
39	2035	\$0	\$0	\$0		-	-	\$0	\$0	\$0	\$1,898,357	\$1,898,357
39	TOTAL	\$31,873,587	\$29,218,240	\$31,432,099	\$107,543,003	\$154,996,474	(\$0)	\$167,588,738	\$165,983,083	\$182,821,416	\$227,856,351	\$1,099,312,991

Columbia Gas of Ohio, Inc.
Infrastructure Tracking Mechanism-Accelerated Mains Replacement Program
Case No. 16-2236-GA-RDR
O&M Expenses

Data: 2016 - 9 Months Actual 3 Months Estimate

Schedule AMRP-9A

Line No.	Description	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	Cumulative TOTAL
1	O&M Expenses	\$0	\$26,859	\$88,576	\$57,848	\$124,322	\$149,329	\$121,829	\$181,425	\$115,912	\$119,752	\$0	\$0	\$985,852
	<u>Expenses:</u>													
2	AMRP Education Costs	18,907	2,176	15,039	15,191	6,732	10,493	7,917	12,676	8,466	\$1,813	\$13,300	\$7,042	\$119,752
3	2008 Expenses ⁽¹⁾	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
4	TOTAL	\$18,907	\$2,176	\$15,039	\$15,191	\$6,732	\$10,493	\$7,917	\$12,676	\$8,466	\$1,813	\$13,300	\$7,042	\$119,752

(1) Per Opinion and Order in Case No. 09-006-GA-UNC, Customer Education expenses incurred in 2008 should be amortized over four years.

Columbia Gas of Ohio, Inc.
Infrastructure Tracking Mechanism-Accelerated Mains Replacement Program
Case No. 16-2236-GA-RDR
O&M Savings

Data: 2016 - 9 Months Actual 3 Months Estimate

Schedule AMRP-9B

Line No.	Description	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	Cumulative TOTAL
1	Actual O&M Savings	\$0	\$0	(\$413,613)	(\$164,854)	(\$384,866)	(\$727,936)	(\$136,120)	\$0	\$0	\$0	\$0	\$0	(\$1,827,389)
2	Additional Agreed Upon O&M Savings	\$0	\$0	\$0	\$0	(\$365,134)	(\$272,064)	(\$1,113,880)	(\$1,250,000)	(\$1,250,000)	\$0	\$0	\$0	(\$4,251,078)
3	Total Reported O&M Savings	\$0	\$0	(\$413,613)	(\$164,854)	(\$750,000)	(\$1,000,000)	(\$1,250,000)	(\$1,250,000)	(\$1,250,000)	\$0	\$0	\$0	(\$6,078,467)
Incremental Expense/(Savings):														
		January	February	March	April	May	June	July	August	September	October	November	December	TOTAL
4	Leak Inspection	(\$127,480)	(\$35,056)	\$4,798	\$45,099	\$23,672	\$81,339	\$65,084	\$118,565	\$38,374	\$36,429	\$148,068	\$42,054	\$440,946
5	Leak Repair	\$204,835	\$304,218	\$477,234	\$186,232	\$336,550	\$307,990	(\$49,730)	\$260,879	\$172,767	(\$163,289)	\$255,428	\$340,271	\$2,633,385
6	General/Other	\$16,482	\$32,501	(\$52,559)	\$115,286	\$131,585	\$51,643	\$236,719	\$229,865	\$278,452	(\$272,013)	(\$74,748)	\$168,318	\$861,530
7	Supervision & Engineering	\$136,340	\$18,819	(\$2,790)	\$86,232	\$62,118	\$108,812	\$111,296	\$257,086	\$104,590	\$58,795	\$1,359	\$117,247	\$1,059,905
8	TOTAL Mains & Services Expense	\$230,177	\$320,482	\$426,684	\$432,849	\$553,926	\$549,784	\$363,368	\$866,395	\$594,183	(\$340,078)	\$330,107	\$667,891	\$4,995,766
Test Year Expense Level⁽¹⁾														
9	Leak Inspection	\$202,133	\$156,017	\$154,055	\$185,647	\$212,884	\$196,915	\$241,942	\$281,053	\$230,309	\$192,442	(\$24,549)	\$120,334	\$2,149,182
10	Leak Repair	\$548,124	\$641,267	\$534,980	\$650,509	\$680,128	\$755,367	\$874,439	\$711,662	\$803,077	\$767,195	\$585,233	\$621,441	\$8,173,422
11	General/Other	\$338,892	\$434,983	\$437,127	\$329,398	\$304,082	\$342,196	\$263,877	\$258,585	\$287,745	\$337,369	\$425,779	\$566,243	\$4,326,276
12	Supervision & Engineering	\$225,767	\$281,907	\$216,338	\$228,861	\$215,945	\$195,483	\$160,105	\$28,245	\$185,237	\$210,218	\$200,847	\$201,941	\$2,350,894
13	TOTAL Mains & Services Expense	\$1,314,916	\$1,514,174	\$1,342,500	\$1,394,415	\$1,413,039	\$1,489,961	\$1,540,363	\$1,279,545	\$1,506,368	\$1,507,224	\$1,187,310	\$1,509,959	\$16,999,774
2016 Expense Level														
14	Leak Inspection	\$74,653	\$120,961	\$158,853	\$230,746	\$236,556	\$278,254	\$307,026	\$399,618	\$268,683	\$228,871	\$123,519	\$162,388	\$2,590,128
15	Leak Repair	\$752,959	\$945,485	\$1,012,214	\$836,741	\$1,016,678	\$1,063,357	\$824,709	\$972,541	\$975,844	\$603,906	\$840,661	\$961,712	\$10,806,807
16	General/Other	\$355,374	\$467,484	\$384,568	\$444,684	\$435,667	\$393,839	\$500,596	\$488,450	\$566,197	\$65,356	\$351,031	\$734,561	\$5,187,806
17	Supervision & Engineering	\$362,107	\$300,726	\$213,548	\$315,093	\$278,063	\$304,295	\$271,401	\$285,331	\$289,827	\$269,013	\$202,206	\$319,188	\$3,410,799
18	TOTAL Mains & Services Expense	\$1,545,093	\$1,834,656	\$1,769,184	\$1,827,264	\$1,966,965	\$2,039,745	\$1,903,731	\$2,145,940	\$2,100,551	\$1,167,146	\$1,517,417	\$2,177,850	\$21,995,540

(1) Test Year Expense Level per Case No. 08-0072-GA-AIR

Columbia Gas of Ohio, Inc.
Infrastructure Tracking Mechanism-Accelerated Mains Replacement Program
Case No. 16-2236-GA-RDR
Revenue Reconciliation

Schedule AMRP-10

**Line
No.**

1	Revenue Requirement Per Case No. 15-1918-GA-RDR ⁽¹⁾	\$113,484,214
2	January - April 2016 Revenue Requirement	\$31,574,359
3	Revenue Recoveries January 2016 - April 2017	(\$143,197,428)
4	TOTAL (Over)/Under Collected	<u>\$1,861,145</u>

		Customers ⁽²⁾			Rate			Revenue ⁽¹⁾			
		SGS	GS	LGS	SGS	GS	LGS	SGS	GS	LGS	TOTAL
5	January-16	1,409,129	41,453	294	\$4.03	\$43.53	\$1,314.32	\$5,678,790	\$1,804,449	\$386,410	\$7,869,649
6	February-16	1,414,777	41,484	295	\$4.03	\$43.53	\$1,314.32	\$5,701,551	\$1,805,799	\$387,724	\$7,895,074
7	March-16	1,414,802	41,514	296	\$4.03	\$43.53	\$1,314.32	\$5,701,652	\$1,807,104	\$389,039	\$7,897,795
8	April-16	1,412,332	41,468	295	\$4.03	\$43.53	\$1,314.32	\$5,691,698	\$1,805,102	\$387,724	\$7,884,524
9	May-16	1,411,553	41,359	296	\$4.91	\$51.00	\$1,753.76	\$6,930,725	\$2,109,309	\$519,113	\$9,559,147
10	June-16	1,405,964	41,274	297	\$4.91	\$51.00	\$1,753.76	\$6,903,283	\$2,104,974	\$520,867	\$9,529,124
11	July-16	1,399,944	41,154	296	\$4.91	\$51.00	\$1,753.76	\$6,873,725	\$2,098,854	\$519,113	\$9,491,692
12	August-16	1,398,091	41,065	294	\$4.91	\$51.00	\$1,753.76	\$6,864,627	\$2,094,315	\$515,605	\$9,474,547
13	September-16	1,392,329	40,999	294	\$4.91	\$51.00	\$1,753.76	\$6,836,335	\$2,090,949	\$515,605	\$9,442,890
14	October-16	1,402,005	32,713	295	\$4.91	\$51.00	\$1,753.76	\$6,883,845	\$1,668,363	\$517,359	\$9,069,567
15	November-16	1,408,160	32,903	293	\$4.91	\$51.00	\$1,753.76	\$6,914,066	\$1,678,053	\$513,852	\$9,105,970
16	December-16	1,420,229	33,101	295	\$4.91	\$51.00	\$1,753.76	\$6,973,324	\$1,688,151	\$517,359	\$9,178,835
17	January-17	1,420,295	33,151	292	\$4.91	\$51.00	\$1,753.76	\$6,973,648	\$1,690,701	\$512,098	\$9,176,447
18	February-17	1,426,625	33,170	292	\$4.91	\$51.00	\$1,753.76	\$7,004,729	\$1,691,670	\$512,098	\$9,208,497
19	March-17	1,427,586	33,191	295	\$4.91	\$51.00	\$1,753.76	\$7,009,447	\$1,692,741	\$517,359	\$9,219,547
20	April-17	1,423,949	33,077	294	\$4.91	\$51.00	\$1,753.76	\$6,991,590	\$1,686,927	\$515,605	\$9,194,122
											<u>\$143,197,428</u>

(1) Customers and Revenue based on Actuals for September 2016 YTD and Projections for October 2016 through April 2017.

Columbia Gas of Ohio, Inc.
Case No. 16-2236-GA-RDR
Computation of Projected Impact per Customer - AMRP
For Rates Effective May 2017

Schedule AMRP-11

Line No.	Description	Reference	Amount
1	Revenue Requirement Plus Over/Under from Case No. 15-1918-GA-RDR	Sch. AMRP-1 Line 28	\$144,316,086
	<u>Allocated Plant in Service per Case No. 08-0072-GA-AIR ⁽¹⁾</u>		
2	SGS Class		\$613,479
3	GS Class		\$187,259
4	LGS Class		\$47,039
5	TOTAL		<u>\$847,777</u>
	<u>Percent by Class</u>		
6	SGS Class	Line 2/Line 5	72.36%
7	GS Class	Line 3/Line 5	22.09%
8	LGS Class	Line 4/Line 5	5.55%
9	TOTAL		<u>100.00%</u>
	<u>Revenue Requirement Allocated to Each Class</u>		
10	SGS Class	Line 6 * Line 1	\$104,431,812
11	GS Class	Line 7 * Line 1	\$31,876,880
12	LGS Class	Line 8 * Line 1	\$8,007,394
13	TOTAL		<u>\$144,316,086</u>
	<u>Number of Projected Bills TME April 2018</u>		
14	SGS Class		16,957,196
15	GS Class		450,052
16	LGS Class		3,544
17	TOTAL		<u>17,410,792</u>
18	PROJECTED IMPACT PER MONTH - SGS CLASS		\$6.16
19	PROJECTED IMPACT PER MONTH - GS CLASS		\$70.83
20	PROJECTED IMPACT PER MONTH - LGS CLASS		\$2,259.42

(1) Source: Schedule E-3.2-1 per Case No. 08-0072-GA-AIR, Allocated Plant in Service for Distribution Plant Account 376, Mains

PFN EXHIBIT 7B

STUDY – RIDER IRP (RISERS)

Columbia Gas of Ohio, Inc.
Infrastructure Tracking Mechanism - Riser Program
Case No. 16-2236-GA-RDR
Revenue Requirement Calculation

Data: 2016 - 9 Months Actual 3 Month Estimates

Schedule R-1

Line No.		Actual Through December 31, 2015	Activity Through December 31, 2016	Total As Of December 31, 2016	Reference
Return on Investment					
1	Plant In-Service				
2	Additions	\$309,545,358	\$25,320,762	\$334,866,120	Schedule 2
3	Retirements	0	0	0	Schedule 4
4	Total Plant In-Service	<u>\$309,545,358</u>	<u>\$25,320,762</u>	<u>\$334,866,120</u>	Line 2 + Line 3
Less: Accumulated Provision for Depreciation					
5	Depreciation Expense	\$48,118,893	\$10,259,403	\$58,378,296	Schedule 5
6	Cost of Removal	0	0	0	Schedule 3
7	Retirements	0	0	0	Schedule 4
8	Total Accumulated Provision for Depreciation	<u>\$48,118,893</u>	<u>\$10,259,403</u>	<u>\$58,378,296</u>	Lines 5 + 6 + 7
9	Net Deferred Plant Depreciation	\$6,509,780	\$343,035	\$6,852,815	Schedule 5
10	Net Deferred PISCC	12,319,908	580,680	12,900,588	Schedule 6
11	Net Deferred Property Taxes	2,093,552	83,187	2,176,739	Schedule 7
12	Deferred Taxes on PISCC	(4,311,968)	(203,238)	(4,515,206)	(Line 10 * 35%)
13	Deferred Taxes on Property Taxes	(732,743)	(29,115)	(761,859)	(Line 11 * 35%)
14	Deferred Taxes on Liberalized Depreciation	<u>(50,711,308)</u>	<u>(3,349,053)</u>	<u>(54,060,362)</u>	Schedule 8
15	Net Rate Base	\$226,593,685	12,486,854	\$239,080,539	Line 4 - Line 8 + Lines 9 through 14
16	Approved Pre-tax Rate of Return	10.95%	10.95%	10.95%	Joint Stipulation & Recommendation Case No. 08-0072-GA-AIR
17	Annualized Return on Rate Base	\$24,812,008	1,367,311	\$26,179,319	Line 15 * Line 16
Operating Expenses					
18	Annualized Depreciation	9,905,451	810,264	10,715,716	Schedule 5
19	Annualized Deferred Depreciation Amortization	236,250	18,353	254,602	Schedule 5
20	Annualized PISCC Amortization	446,548	32,528	479,076	Schedule 6
21	Annualized Property Tax Expense	6,055,464	443,703	6,499,167	Schedule 7
22	Deferred Property Tax Expense Amortization	74,936	5,004	79,940	Schedule 7
23	Operation & Maintenance Expense	0	0	0	Schedule 9
24	Revenue Requirement	<u>\$41,530,658</u>	<u>\$2,677,163</u>	<u>\$44,207,820.58</u>	Lines 17 through 23
25	Prior Year's (Over)/Under Recovered Balance	(128,925)	(105,039)	(233,964)	Schedule 10
26	TOTAL Amount to be collected beginning May 2017	<u>\$41,401,733</u>	<u>\$2,572,124</u>	<u>\$43,973,857</u>	Line 24 + Line 25

Columbia Gas of Ohio, Inc.
Infrastructure Tracking Mechanism - Riser Program
Case No. 16-2236-GA-RDR
Plant Additions by Month

Data: 2016 - 9 Months Actual 3 Month Estimates

Schedule R-2

Line No.	Description	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	Cumulative Total
1	380.12 Risers	\$0	\$35,132,630	\$43,503,089	\$53,726,962	\$11,918,184	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$144,280,865
2	380.13 Services	\$0	\$9,658,514	\$23,031,528	\$21,907,660	\$24,861,956	\$22,420,702	\$21,222,240	\$21,577,045	\$20,584,848	\$25,320,762	\$0	\$0	\$190,585,255
3	TOTAL Balance	\$0	\$44,791,144	\$66,534,617	\$75,634,622	\$36,780,140	\$22,420,702	\$21,222,240	\$21,577,045	\$20,584,848	\$25,320,762	\$0	\$0	\$334,866,120
	Additions by Month	January	February	March	April	May	June	July	August	September	October	November	December	TOTAL
4	380.12 Risers	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
5	380.13 Service Lines	\$1,211,618	\$1,705,238	\$1,773,868	\$1,972,592	\$2,109,799	\$1,996,107	\$1,736,961	\$2,072,018	\$1,742,563	\$3,000,000	\$3,000,000	\$3,000,000	\$25,320,762
6	TOTAL Additions	\$1,211,618	\$1,705,238	\$1,773,868	\$1,972,592	\$2,109,799	\$1,996,107	\$1,736,961	\$2,072,018	\$1,742,563	\$3,000,000	\$3,000,000	\$3,000,000	\$25,320,762
	Cumulative Additions by Month													
7	Risers Cumulative Balance	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
8	Service Lines Cumulative Balance	\$1,211,618	\$2,916,855	\$4,690,723	\$6,663,316	\$8,773,114	\$10,769,221	\$12,506,182	\$14,578,199	\$16,320,762	\$19,320,762	\$22,320,762	\$25,320,762	\$25,320,762
9	TOTAL Cumulative Plant Additions	\$1,211,618	\$2,916,855	\$4,690,723	\$6,663,316	\$8,773,114	\$10,769,221	\$12,506,182	\$14,578,199	\$16,320,762	\$19,320,762	\$22,320,762	\$25,320,762	\$25,320,762

**Columbia Gas of Ohio, Inc.
Infrastructure Tracking Mechanism - Riser Program
Case No. 16-2236-GA-RDR
Cost of Removal by Month**

Data: 2016 - 9 Months Actual 3 Month Estimates

Schedule R-3[illegible]

Columbia Gas of Ohio, Inc.
Infrastructure Tracking Mechanism - Riser Program
Case No. 16-2236-GA-RDR
Original Cost Retired by Month

Data: 2016 - 9 Months Actual 3 Month Estimates

Schedule R-4

[illegible]

Columbia Gas of Ohio, Inc.
Infrastructure Tracking Mechanism - Riser Program
Case No. 16-2236-GA-RDR
Provision for Plant Depreciation

Data: 2016 - 9 Months Actual 3 Month Estimates

Schedule R-5

Line No.	Description	Beginning Balance	January	February	March	April	May	June	July	August	September	October	November	December	Ending Balance
<u>2016 Depreciation Expense on Prior Year's Investment:</u>															
1	2008 380.12 Risers		\$93,687	\$93,687	\$93,687	\$93,687	\$93,687	\$93,687	\$93,687	\$93,687	\$93,687	\$93,687	\$93,687	\$93,687	\$93,687
2	2008 380.13 Services		\$25,756	\$25,756	\$25,756	\$25,756	\$25,756	\$25,756	\$25,756	\$25,756	\$25,756	\$25,756	\$25,756	\$25,756	\$25,756
3	TOTAL Provision for Plant Depreciation		\$119,443	\$119,443	\$119,443	\$119,443	\$119,443	\$119,443	\$119,443	\$119,443	\$119,443	\$119,443	\$119,443	\$119,443	\$119,443
<u>2016 Depreciation Expense on Prior Year's Investment:</u>															
4	2009 380.12 Risers		\$116,008	\$116,008	\$116,008	\$116,008	\$116,008	\$116,008	\$116,008	\$116,008	\$116,008	\$116,008	\$116,008	\$116,008	\$116,008
5	2009 380.13 Services		\$61,417	\$61,417	\$61,417	\$61,417	\$61,417	\$61,417	\$61,417	\$61,417	\$61,417	\$61,417	\$61,417	\$61,417	\$61,417
6	TOTAL Provision for Plant Depreciation		\$177,426	\$177,426	\$177,426	\$177,426	\$177,426	\$177,426	\$177,426	\$177,426	\$177,426	\$177,426	\$177,426	\$177,426	\$177,426
<u>2016 Depreciation Expense on Prior Year's Investment:</u>															
7	2010 380.12 Risers		\$143,272	\$143,272	\$143,272	\$143,272	\$143,272	\$143,272	\$143,272	\$143,272	\$143,272	\$143,272	\$143,272	\$143,272	\$143,272
8	2010 380.13 Services		\$58,420	\$58,420	\$58,420	\$58,420	\$58,420	\$58,420	\$58,420	\$58,420	\$58,420	\$58,420	\$58,420	\$58,420	\$58,420
9	TOTAL Provision for Plant Depreciation		\$201,692	\$201,692	\$201,692	\$201,692	\$201,692	\$201,692	\$201,692	\$201,692	\$201,692	\$201,692	\$201,692	\$201,692	\$201,692
<u>2016 Depreciation Expense on Prior Year's Investment:</u>															
10	2011 380.12 Risers		\$31,782	\$31,782	\$31,782	\$31,782	\$31,782	\$31,782	\$31,782	\$31,782	\$31,782	\$31,782	\$31,782	\$31,782	\$31,782
11	2011 380.13 Services		\$66,299	\$66,299	\$66,299	\$66,299	\$66,299	\$66,299	\$66,299	\$66,299	\$66,299	\$66,299	\$66,299	\$66,299	\$66,299
12	TOTAL Provision for Plant Depreciation		\$98,080	\$98,080	\$98,080	\$98,080	\$98,080	\$98,080	\$98,080	\$98,080	\$98,080	\$98,080	\$98,080	\$98,080	\$98,080
<u>2016 Depreciation Expense on Prior Year's Investment:</u>															
13	2012 380.12 Risers		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
14	2012 380.13 Services		\$59,789	\$59,789	\$59,789	\$59,789	\$59,789	\$59,789	\$59,789	\$59,789	\$59,789	\$59,789	\$59,789	\$59,789	\$59,789
15	TOTAL Provision for Plant Depreciation		\$59,789	\$59,789	\$59,789	\$59,789	\$59,789	\$59,789	\$59,789	\$59,789	\$59,789	\$59,789	\$59,789	\$59,789	\$59,789
<u>2016 Depreciation Expense on Prior Year's Investment:</u>															
16	2013 380.12 Risers		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
17	2013 380.13 Services		\$56,593	\$56,593	\$56,593	\$56,593	\$56,593	\$56,593	\$56,593	\$56,593	\$56,593	\$56,593	\$56,593	\$56,593	\$56,593
18	TOTAL Provision for Plant Depreciation		\$56,593	\$56,593	\$56,593	\$56,593	\$56,593	\$56,593	\$56,593	\$56,593	\$56,593	\$56,593	\$56,593	\$56,593	\$56,593
<u>2016 Depreciation Expense on Prior Year's Investment:</u>															
19	2014 380.12 Risers		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
20	2014 380.13 Services		\$57,539	\$57,539	\$57,539	\$57,539	\$57,539	\$57,539	\$57,539	\$57,539	\$57,539	\$57,539	\$57,539	\$57,539	\$57,539
21	TOTAL Provision for Plant Depreciation		\$57,539	\$57,539	\$57,539	\$57,539	\$57,539	\$57,539	\$57,539	\$57,539	\$57,539	\$57,539	\$57,539	\$57,539	\$57,539
<u>2016 Depreciation Expense on Prior Year's Investment:</u>															
22	2015 380.12 Risers		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
23	2015 380.13 Services		\$54,893	\$54,893	\$54,893	\$54,893	\$54,893	\$54,893	\$54,893	\$54,893	\$54,893	\$54,893	\$54,893	\$54,893	\$54,893
24	TOTAL Provision for Plant Depreciation		\$54,893	\$54,893	\$54,893	\$54,893	\$54,893	\$54,893	\$54,893	\$54,893	\$54,893	\$54,893	\$54,893	\$54,893	\$54,893
<u>2016 Depreciation Expense on Current Year's Investment:</u>															
22	2016 380.12 Risers		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
23	2016 380.13 Services		\$1,615	\$5,505	\$10,143	\$15,139	\$20,582	\$26,056	\$31,034	\$36,113	\$41,199	\$47,522	\$55,522	\$63,522	\$63,522
24	TOTAL Provision for Plant Depreciation		\$1,615	\$5,505	\$10,143	\$15,139	\$20,582	\$26,056	\$31,034	\$36,113	\$41,199	\$47,522	\$55,522	\$63,522	\$63,522
<u>TOTAL ACCUMULATED DEPRECIATION</u>															
25	Risers Accumulated Depreciation	\$28,231,704	\$28,616,453	\$29,001,202	\$29,385,951	\$29,770,700	\$30,155,449	\$30,540,198	\$30,924,947	\$31,309,696	\$31,694,445	\$32,079,194	\$32,463,943	\$32,848,692	\$32,848,692
26	Service Lines Accumulated Depreciation	\$19,887,189	\$20,329,510	\$20,775,720	\$21,226,568	\$21,682,412	\$22,143,700	\$22,610,461	\$23,082,201	\$23,559,018	\$24,040,922	\$24,529,150	\$25,025,377	\$25,529,604	\$25,529,604
27	TOTAL Accumulated Plant Depreciation	\$48,118,893	\$48,945,963	\$49,776,922	\$50,612,520	\$51,453,113	\$52,299,149	\$53,150,660	\$54,007,148	\$54,868,715	\$55,735,368	\$56,608,344	\$57,489,320	\$58,378,296	\$58,378,296

	Beginning Balance	January	February	March	April	May	June	July	August	September	October	November	December	Ending Balance
<u>DEFERRED PLANT DEPRECIATION:</u>														
28	Risers-Deferred Depreciation	\$3,426,557	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$3,426,557
29	Service Lines-Deferred Depreciation	\$3,956,245	\$56,508	\$60,398	\$65,036	\$70,032	\$20,582	\$26,056	\$31,034	\$36,113	\$41,199	\$47,522	\$55,522	\$63,522
30	Amortization	(\$873,022)	(\$18,247)	(\$18,247)	(\$18,247)	(\$18,247)	(\$19,687)	(\$19,687)	(\$19,687)	(\$19,687)	(\$19,687)	(\$19,687)	(\$19,687)	(\$19,687)
31	Cumulative Balance	\$6,509,780	\$38,261	\$42,150	\$46,789	\$51,765	\$894	\$6,369	\$11,346	\$16,425	\$21,511	\$27,835	\$35,835	\$43,835

ANNUALIZED PLANT DEPRECIATION EXPENSE:

	2016
32	Cumulative Riser Additions
33	Cumulative Service Additions
34	TOTAL Cumulative Plant Additions
35	Depreciation Rate
36	Annualized Depreciation

ANNUALIZED DEFERRED PLANT DEPRECIATION AMORTIZATION:

	2016
Cumulative Deferred Depreciation- Risers	\$3,426,557
Cumulative Deferred Depreciation- Service	\$4,529,768
TOTAL Cumulative Deferred Plant Depreciation	\$7,956,325
Depreciation Rate	3.20%
Annualized Deferred Plant Depreciation Amortization	\$254,602

Columbia Gas of Ohio, Inc.
Infrastructure Tracking Mechanism - Riser Program
Case No. 16-2236-GA-RDR
Post in Service Carrying Cost

Data: 2016 - 9 Months Actual 3 Month Estimates

Schedule R-6

Line No.	Description	Beginning Balance	January	February	March	April	May	June	July	August	September	October	November	December	TOTAL
<u>2016 PISCC Prior Year's Investment:</u>															
1	2015 380.12 Risers		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2	2015 380.13 Services		\$93,833	\$93,833	\$93,833	\$93,833	\$93,833	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$469,163
3	TOTAL PISCC		\$93,833	\$93,833	\$93,833	\$93,833	\$93,833	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$469,163
<u>2016 PISCC Current Year's Investment:</u>															
4	2016 380.12 Risers		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
5	2016 380.13 Service Lines		\$0	\$5,523	\$13,296	\$21,382	\$30,374	\$39,991	\$49,090	\$57,007	\$66,452	\$74,395	\$88,070	\$101,745	\$547,326
6	TOTAL PISCC		\$0	\$5,523	\$13,296	\$21,382	\$30,374	\$39,991	\$49,090	\$57,007	\$66,452	\$74,395	\$88,070	\$101,745	\$547,326
<u>CUMULATIVE PISCC Additions:</u>															
7	Risers Cumulative PISCC		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
8	Service Lines Cumulative PISCC		\$93,833	\$193,188	\$300,317	\$415,531	\$539,737	\$579,728	\$628,818	\$685,825	\$752,278	\$826,673	\$914,744	\$1,016,489	
9	TOTAL Accumulated PISCC		\$93,833	\$193,188	\$300,317	\$415,531	\$539,737	\$579,728	\$628,818	\$685,825	\$752,278	\$826,673	\$914,744	\$1,016,489	

		Beginning Balance	January	February	March	April	May	June	July	August	September	October	November	December	TOTAL
<u>DEFERRED PISCC:</u>															
10	Risers-Deferred PISCC	\$6,552,012	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$6,552,012
11	Service Lines-Deferred PISCC	\$7,402,621	\$93,833	\$99,356	\$107,129	\$115,214	\$124,206	\$39,991	\$49,090	\$57,007	\$66,452	\$74,395	\$88,070	\$101,745	\$8,419,110
12	Amortization-Deferred PISCC	(\$1,634,725)	(\$34,528)	(\$34,528)	(\$34,528)	(\$34,528)	(\$37,212)	(\$37,212)	(\$37,212)	(\$37,212)	(\$37,212)	(\$37,212)	(\$37,212)	(\$37,212)	(\$2,070,534)
13	Cumulative Balance PISCC	\$12,319,908	\$59,305	\$64,828	\$72,601	\$80,687	\$86,994	\$2,778	\$11,877	\$19,795	\$29,240	\$37,183	\$50,858	\$64,533	\$12,900,588

ANNUALIZED PISCC AMORTIZATION:

		2016
14	Cumulative PISCC Additions-Risers	\$6,552,012
15	Cumulative PISCC Additions-Service Lines	\$8,419,110
16	TOTAL Cumulative PISCC Additions	\$14,971,122
17	Depreciation Rate	3.20%
18	Annualized PISCC Amortization	\$479,076

Columbia Gas of Ohio, Inc.
Infrastructure Tracking Mechanism - Riser Program
Case No. 16-2236-GA-RDR
Annualized Property Tax Expense Calculation

Data: 2016 - 9 Months Actual 3 Month Estimates

Schedule R-7

Line No.	Description	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
1	Annual Investment as of December 31 of prior year ⁽¹⁾	\$48,047,547	\$66,534,617	\$75,634,622	\$36,780,140	\$22,420,702	\$21,222,240	\$21,577,045	\$20,584,848	\$25,320,762		
2	Percent Good ⁽²⁾	71.70%	75.00%	78.30%	81.70%	85.00%	88.30%	91.70%	95.00%	98.30%		
3	Taxable Value	\$34,450,091	\$49,900,963	\$59,221,909	\$30,049,374	\$19,057,597	\$18,739,238	\$19,786,150	\$19,555,605	\$24,890,309		
4	Valuation Percentage	25.00%	25.00%	25.00%	25.00%	25.00%	25.00%	25.00%	25.00%	25.00%		
5	Total Taxable Value	\$8,612,523	\$12,475,241	\$14,805,477	\$7,512,344	\$4,764,399	\$4,684,810	\$4,946,537	\$4,888,901	\$6,222,577		
6	Average Property Tax Rate per \$1,000 of Valuation	\$94.31	\$94.31	\$94.31	\$94.31	\$94.31	\$94.31	\$94.31	\$94.31	\$94.31		
7	Property Tax	\$812,247	\$1,176,540	\$1,396,305	\$708,489	\$449,330	\$441,824	\$466,508	\$461,072	\$586,851		\$6,499,167

⁽¹⁾ Annual Investment = Plant Additions - Original Cost Retired

⁽²⁾ Columbia's Annual Report, Schedule C - 30 Year Class Life Distribution Plant

Line No.	Description	Beginning Balance	January	February	March	April	May	June	July	August	September	October	November	December	Ending Balance
Deferred Property Tax Expense Calculation															
8	Deferral ⁽³⁾	\$2,341,754	\$39,096	\$39,096	\$39,096	\$39,096									\$2,498,136
9	Amortization	(\$248,202)	(\$5,809)	(\$5,809)	(\$5,809)	(\$5,809)	(\$6,245)	(\$6,245)	(\$6,245)	(\$6,245)	(\$6,245)	(\$6,245)	(\$6,245)	(\$6,245)	(\$321,397)
10	Net Deferral Balance	\$2,093,552	\$33,286	\$33,286	\$33,286	\$33,286	(\$6,245)	(\$6,245)	(\$6,245)	(\$6,245)	(\$6,245)	(\$6,245)	(\$6,245)	(\$6,245)	\$2,176,739

⁽³⁾ Deferred property taxes are based off of the 2016 Property Tax Expense shown on Schedule R-7, Case No. 15-1918-GA-RDR

Annualized Property Tax Amortization:

	2016
11 Cumulative Deferred Property Tax Expense	\$2,498,136
12 Depreciation Rate	3.20%
13 Annual Deferred Property Tax Amortization	<u>\$79,940</u>

Columbia Gas of Ohio, Inc.
Infrastructure Tracking Mechanism - Riser Program
Case No. 16-2236-GA-RDR
Deferred Tax - Liberalized Depreciation

Data: 2016 - 9 Months Actual 3 Month Estimates

Schedule R-8

Line No.	Description	2008	2009	2010	2011	2012	2013	2014	2015	2016	Cumulative TOTAL
1	Plant Additions	\$44,791,144	\$66,534,617	\$75,634,622	\$36,780,140	\$22,420,702	\$21,222,240	\$21,577,045	\$20,584,848	\$25,320,762	
2	Depreciation Expense-Plant	\$376,399	\$2,399,805	\$4,591,160	\$6,586,846	\$7,518,771	\$8,189,246	\$8,899,944	\$9,556,722	\$10,259,403	
3	MACRS Depn/Amort (Calculated Below)	\$2,239,557	\$7,581,890	\$66,067,499	\$47,889,523	\$22,687,769	\$21,438,267	\$21,634,638	\$21,299,051	\$24,547,159	
4	Difference between Book Depn & Tax Depn	(\$1,863,158)	(\$5,182,085)	(\$61,476,339)	(\$41,302,677)	(\$15,168,998)	(\$13,249,021)	(\$12,734,693)	(\$11,742,329)	(\$14,287,756)	
5	Federal Income Tax Rate	35%	35%	35%	35%	35%	35%	35%	35%	35%	
6	Deferred Tax-Liberalized Depreciation	(\$652,105)	(\$1,813,730)	(\$21,516,719)	(\$14,455,937)	(\$5,309,149)	(\$4,637,157)	(\$4,457,143)	(\$4,109,815)	(\$5,000,714)	(\$61,952,470)
7	NOL Attributable to Deferred Taxes	\$0	\$0	\$5,995,254	\$122,329	\$1,903,288	(\$380,829)	\$1,346,515	(\$2,746,110)	\$1,651,661	\$7,892,108
8	Total Deferred Taxes	(\$652,105)	(\$1,813,730)	(\$15,521,465)	(\$14,333,608)	(\$3,405,861)	(\$5,017,986)	(\$3,110,628)	(\$6,855,925)	(\$3,349,053)	(\$54,060,362)

		2008	2009	2010	2011	2012	2013	2014	2015	2016	TOTAL
9	2008	\$2,239,557									\$2,239,557
10	2009	\$4,255,159	\$3,326,731								\$7,581,890
11	2010	\$3,829,643	\$6,320,789	\$55,917,068							\$66,067,499
12	2011	\$3,448,918	\$5,688,710	\$1,971,755	\$36,780,140						\$47,889,523
13	2012	\$3,104,026	\$5,123,166	\$1,774,580		\$12,685,998					\$22,687,769
14	2013	\$2,790,488	\$4,610,849	\$1,598,160		\$730,128	\$11,708,642				\$21,438,267
15	2014	\$2,642,677	\$4,145,107	\$1,438,344		\$675,310	\$713,545	\$12,019,655			\$21,634,638
16	2015	\$2,642,677	\$3,925,542	\$1,293,056		\$624,740	\$659,972	\$716,829	\$11,436,234		\$21,299,051
17	2016	\$2,647,157	\$3,925,542	\$1,224,564		\$577,812	\$610,551	\$663,010	\$686,170	\$14,212,354	\$24,547,159
18	2017	\$2,642,677	\$3,932,196	\$1,224,564		\$534,524	\$564,688	\$613,361	\$634,652	\$833,159	\$10,979,822
19	2018	\$2,647,157	\$3,925,542	\$1,226,639		\$494,371	\$522,383	\$567,287	\$587,127	\$770,606	\$10,741,113
20	2019	\$2,642,677	\$3,932,196	\$1,224,564		\$457,354	\$483,143	\$524,788	\$543,024	\$712,900	\$10,520,645
21	2020	\$2,647,157	\$3,925,542	\$1,226,639		\$451,286	\$446,966	\$485,366	\$502,342	\$659,349	\$10,344,647
22	2021	\$2,642,677	\$3,932,196	\$1,224,564		\$451,185	\$441,036	\$449,024	\$464,607	\$609,953	\$10,215,241
23	2022	\$2,647,157	\$3,925,542	\$1,226,639		\$451,286	\$440,937	\$443,066	\$429,819	\$564,134	\$10,128,579
24	2023	\$1,321,339	\$3,932,196	\$1,224,564		\$451,185	\$441,036	\$442,966	\$424,115	\$521,893	\$8,759,294
25	2024		\$1,962,771	\$1,226,639		\$451,286	\$440,937	\$443,066	\$424,020	\$514,968	\$5,463,687
26	2025			\$612,282		\$451,185	\$441,036	\$442,966	\$424,115	\$514,853	\$2,886,437
27	2026					\$451,286	\$440,937	\$443,066	\$424,020	\$514,968	\$2,274,277
28	2027					\$451,185	\$441,036	\$442,966	\$424,115	\$514,853	\$2,274,155
29	2028					\$451,286	\$440,937	\$443,066	\$424,020	\$514,968	\$2,274,277
30	2029					\$451,185	\$441,036	\$442,966	\$424,115	\$514,853	\$2,274,155
31	2030					\$451,286	\$440,937	\$443,066	\$424,020	\$514,968	\$2,274,277
32	2031					\$451,185	\$441,036	\$442,966	\$424,115	\$514,853	\$2,274,155
33	2032					\$225,643	\$440,937	\$443,066	\$424,020	\$514,968	\$2,048,634
34	2033						\$220,518	\$442,966	\$424,115	\$514,853	\$1,602,453
35	2034							\$221,533	\$424,020	\$514,968	\$1,160,522
36	2035								\$212,058	\$514,853	\$726,911
37	2036									\$257,484	\$257,484
37	TOTAL	\$44,791,144	\$66,534,617	\$75,634,621	\$36,780,140	\$22,420,702	\$21,222,240	\$21,577,045	\$20,584,848	\$25,320,762	\$334,866,119

Columbia Gas of Ohio, Inc.
Infrastructure Tracking Mechanism - Riser Program
Case No. 16-2236-GA-RDR
O&M Expenses

Data: 2016 - 9 Months Actual 3 Month Estimates

Schedule R-9

Line No.	Description	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	Cumulative TOTAL
1	O&M Expenses	\$5,164,926	\$1,276,134	\$227,552	\$223,460	\$123,830	\$104,138	\$32,651	\$0	\$0	\$0	\$0	\$0	\$7,152,691
	<u>Expenses:</u>	<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>August</u>	<u>September</u>	<u>October</u>	<u>November</u>	<u>December</u>	<u>TOTAL</u>
2	Riser Identification Costs	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
3	Riser Education Costs	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
4	Misc. Riser Deferrals	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
5	2008 Education Expense ⁽¹⁾	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
6	TOTAL	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

(1) Per Opinion and Order in Case No. 09-006-GA-UNC, Customer Education expenses incurred in 2008 should be amortized over four years.

Columbia Gas of Ohio, Inc.
Infrastructure Tracking Mechanism - Riser Program
Case No. 16-2236-GA-RDR
Revenue Reconciliation

Schedule R-10

**Line
No.**

1	Revenue Requirement Per Case No. 15-1918-GA-RDR	\$41,401,733
2	January - April 2016 Revenue Requirement	\$13,450,693
3	Revenue Recoveries January 2016 - April 2017	(\$55,086,390)
4	TOTAL (Over)/Under Collected	<u>(\$233,964)</u>

		Customers ⁽¹⁾		Rate		Revenue ⁽¹⁾		
		SGS	GS	SGS	GS	SGS	GS	TOTAL
5	January-16	1,409,129	41,453	\$2.30	\$2.67	\$3,240,997	\$110,680	\$3,351,676
6	February-16	1,414,777	41,484	\$2.30	\$2.67	\$3,253,987	\$110,762	\$3,364,749
7	March-16	1,414,802	41,514	\$2.30	\$2.67	\$3,254,045	\$110,842	\$3,364,887
8	April-16	1,412,332	41,468	\$2.30	\$2.67	\$3,248,364	\$110,720	\$3,359,083
9	May-16	1,411,553	41,359	\$2.39	\$2.67	\$3,373,612	\$110,429	\$3,484,040
10	June-16	1,405,964	41,274	\$2.39	\$2.67	\$3,360,254	\$110,202	\$3,470,456
11	July-16	1,399,944	41,154	\$2.39	\$2.67	\$3,345,866	\$109,881	\$3,455,747
12	August-16	1,398,091	41,065	\$2.39	\$2.67	\$3,341,437	\$109,644	\$3,451,081
13	September-16	1,392,329	40,999	\$2.39	\$2.67	\$3,327,666	\$109,467	\$3,437,134
14	October-16	1,402,005	32,713	\$2.39	\$2.67	\$3,350,792	\$87,344	\$3,438,136
15	November-16	1,408,160	32,903	\$2.39	\$2.67	\$3,365,502	\$87,851	\$3,453,353
16	December-16	1,420,229	33,101	\$2.39	\$2.67	\$3,394,347	\$88,380	\$3,482,727
17	January-17	1,420,295	33,151	\$2.39	\$2.67	\$3,394,505	\$88,513	\$3,483,018
18	February-17	1,426,625	33,170	\$2.39	\$2.67	\$3,409,634	\$88,564	\$3,498,198
19	March-17	1,427,586	33,191	\$2.39	\$2.67	\$3,411,931	\$88,620	\$3,500,551
20	April-17	1,423,949	33,077	\$2.39	\$2.67	\$3,403,238	\$88,316	\$3,491,554
								<u>\$55,086,390</u>

(1) Customers and Revenue based on Actuals for September 2016 YTD and Projections for October 2016 through April 2017.

Columbia Gas of Ohio, Inc.
Case No. 16-2236-GA-RDR
Computation of Projected Impact per Customer - Riser Program
For Rates Effective May 2017

Schedule R-11

Line No.	Description	Reference	Amount
1	Revenue Requirement Plus Over/Under from Case No. 15-1918-GA-RDR	Sch R-1 Line 26	\$43,973,857
	<u>Allocated Plant in Service per Case No. 08-0072-GA-AIR ⁽¹⁾</u>		
2	SGS Class		\$473,882
3	GS Class		\$15,515
4	TOTAL		<u>\$489,397</u>
	<u>Percent by Class</u>		
5	SGS Class	Line 2/Line 4	96.83%
6	GS Class	Line 3/Line 4	3.17%
7	TOTAL		<u>100.00%</u>
	<u>Revenue Requirement Allocated to Each Class</u>		
8	SGS Class	Line 5 * Line 1	\$42,579,785
9	GS Class	Line 6 * Line 1	\$1,394,071
10	TOTAL		<u>\$43,973,857</u>
	<u>Number of Projected Bills TME April 2018</u>		
11	SGS Class		16,957,196
12	GS Class		450,052
13	TOTAL		<u>17,407,248</u>
14	PROJECTED IMPACT PER MONTH - SGS CLASS		\$2.51
15	PROJECTED IMPACT PER MONTH - GS CLASS		\$3.10

(1) Source: Schedule E-3.2-1 per Case No. 08-0072-GA-AIR, Allocated Plant in Service for Distribution Plant Account 380, Services

PFN EXHIBIT 7C

STUDY – RIDER IRP (AMRD)

Columbia Gas of Ohio, Inc.
Infrastructure Tracking Mechanism - Automated Meter Reading Devices
Case No. 16-2236-GA-RDR
Revenue Requirement Calculation

Data: 2016 - 9 Months Actual 3 Month Estimates

Schedule AMRD-1

Line No.		Actual Through December 31, 2015	Activity Through December 31, 2016	Total As Of December 31, 2016	Reference
Return on Investment					
1	Plant In-Service				
2	Additions	\$79,581,132	\$0	\$79,581,132	Schedule 2
3	Devices Not Installed	(\$480,467)	0	(\$480,467)	Schedule 2
4	Retirements	0	0	0	Schedule 4
5	Total Plant In-Service	<u>\$79,100,665</u>	<u>\$0</u>	<u>\$79,100,665</u>	Lines 2 + 3 + 4
Less: Accumulated Provision for Depreciation					
6	Depreciation Expense	\$24,572,128	\$5,276,014	\$29,848,142	Schedule 5
7	Cost of Removal	0	0	0	Schedule 3
8	Retirements	0	0	0	Schedule 4
9	Total Accumulated Provision for Depreciation	<u>\$24,572,128</u>	<u>\$5,276,014</u>	<u>\$29,848,142</u>	Lines 6 + 7 + 8
10	Net Deferred Plant Depreciation	\$3,155,038	(\$270,445)	\$2,884,593	Schedule 5
11	Net Deferred PISCC	2,892,779	(\$246,490)	2,646,288	Schedule 6
12	Net Deferred Property Taxes	463,633	(38,117)	425,516	Schedule 7
13	Deferred Taxes on PISCC	(1,012,473)	86,272	(926,201)	(Line 11 * 35%)
14	Deferred Taxes on Property Taxes	(162,272)	13,341	(148,931)	(Line 12 * 35%)
15	Deferred Taxes on Liberalized Depreciation	<u>(10,286,621)</u>	<u>1,283,002</u>	<u>(9,003,620)</u>	Schedule 8
16	Net Rate Base	\$49,578,621	(\$4,448,453)	\$45,130,168	Line 5 - Line 9 + Lines 10 Through 15
17	Approved Pre-tax Rate of Return	10.95%	10.95%	10.95%	Joint Stipulation & Recommendation Case No. 08-0072-GA-AIR
18	Annualized Return on Rate Base	\$5,428,859	(\$487,106)	\$4,941,753	Line 16 * Line 17
Operating Expenses					
19	Annualized Depreciation	\$5,276,014	0	\$5,276,014	Schedule 5
20	Annualized Deferred Depreciation Amortization	270,446	0	270,446	Schedule 5
21	Annualized PISCC Amortization	246,489	0	246,489	Schedule 6
22	Annualized Property Tax Expense	1,545,205	(35,950)	1,509,255	Schedule 7
23	Deferred Property Tax Expense Amortization	38,117	0	38,117	Schedule 7
24	Operation & Maintenance Expense	0	0	0	Schedule 9A
25	Operation & Maintenance Savings	<u>(5,028,473)</u>	<u>(7,072)</u>	<u>(5,035,545)</u>	Schedule 9B
26	Revenue Requirement	<u>\$7,776,658</u>	<u>(\$530,127)</u>	<u>\$7,246,531</u>	Lines 18 through 25
27	Prior Year's (Over)/Under Recovered Balance	(140,855)	247,533	106,678	Schedule 10
28	Stipulated Reduction to Revenue Requirement	0	0	0	
29	TOTAL Amount to be collected beginning May 2017	<u>\$7,635,803</u>	<u>(\$282,595)</u>	<u>\$7,353,208</u>	Lines 26 through 28

Columbia Gas of Ohio, Inc.
Infrastructure Tracking Mechanism - Automated Meter Reading Devices
Case No. 16-2236-GA-RDR
Plant Additions by Month

Data: 2016 - 9 Months Actual 3 Month Estimates

Schedule AMRD-2[illegible]

Columbia Gas of Ohio, Inc.
Infrastructure Tracking Mechanism - Automated Meter Reading Devices
Case No. 16-2236-GA-RDR
Cost of Removal By Month

Data: 2016 - 9 Months Actual 3 Month Estimates

Schedule AMRD-3[illegible]

Original Cost Retired By Month

Schedule AMRD-4[illegible]

Columbia Gas of Ohio, Inc.
Infrastructure Tracking Mechanism - Automated Meter Reading Devices
Case No. 16-2236-GA-RDR
Provision for Plant Depreciation

Data: 2016 - 9 Months Actual 3 Month Estimates

Schedule AMRD-5

Line No.	Description	Beginning Balance	January	February	March	April	May	June	July	August	September	October	November	December	Ending Balance
<u>2015 Depreciation Expense on Prior Years' Investment:</u>															
1	2009 AMRD		\$57,794	\$57,794	\$57,794	\$57,794	\$57,794	\$57,794	\$57,794	\$57,794	\$57,794	\$57,794	\$57,794	\$57,794	\$693,532
2	TOTAL Provision for Plant Depreciation		\$57,794	\$57,794	\$57,794	\$57,794	\$57,794	\$57,794	\$57,794	\$57,794	\$57,794	\$57,794	\$57,794	\$57,794	\$693,532
<u>2015 Depreciation Expense on Prior Years' Investment:</u>															
3	2010 AMRD		\$124,744	\$124,744	\$124,744	\$124,744	\$124,744	\$124,744	\$124,744	\$124,744	\$124,744	\$124,744	\$124,744	\$124,744	\$1,496,922
4	TOTAL Provision for Plant Depreciation		\$124,744	\$124,744	\$124,744	\$124,744	\$124,744	\$124,744	\$124,744	\$124,744	\$124,744	\$124,744	\$124,744	\$124,744	\$1,496,922
<u>2015 Depreciation Expense on Prior Years' Investment:</u>															
5	2011 AMRD		\$122,585	\$122,585	\$122,585	\$122,585	\$122,585	\$122,585	\$122,585	\$122,585	\$122,585	\$122,585	\$122,585	\$122,585	\$1,471,020
6	TOTAL Provision for Plant Depreciation		\$122,585	\$122,585	\$122,585	\$122,585	\$122,585	\$122,585	\$122,585	\$122,585	\$122,585	\$122,585	\$122,585	\$122,585	\$1,471,020
<u>2015 Depreciation Expense on Prior Years' Investment:</u>															
7	2012 AMRD		\$126,431	\$126,431	\$126,431	\$126,431	\$126,431	\$126,431	\$126,431	\$126,431	\$126,431	\$126,431	\$126,431	\$126,431	\$1,517,171
8	TOTAL Provision for Plant Depreciation		\$126,431	\$126,431	\$126,431	\$126,431	\$126,431	\$126,431	\$126,431	\$126,431	\$126,431	\$126,431	\$126,431	\$126,431	\$1,517,171
<u>2015 Depreciation Expense on Prior Years' Investment:</u>															
9	2013 AMRD		\$8,114	\$8,114	\$8,114	\$8,114	\$8,114	\$8,114	\$8,114	\$8,114	\$8,114	\$8,114	\$8,114	\$8,114	\$97,369
10	TOTAL Provision for Plant Depreciation		\$8,114	\$8,114	\$8,114	\$8,114	\$8,114	\$8,114	\$8,114	\$8,114	\$8,114	\$8,114	\$8,114	\$8,114	\$97,369
<u>2015 Depreciation Expense on Prior Years' Investment:</u>															
11	2014 AMRD		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
12	TOTAL Provision for Plant Depreciation		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<u>2015 Depreciation Expense on Current Year's Investment:</u>															
11	2015 AMRD		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
12	TOTAL Provision for Plant Depreciation		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<u>TOTAL ACCUMULATED DEPRECIATION</u>															
13	AMRD	\$24,572,128	\$25,011,796	\$25,451,464	\$25,891,132	\$26,330,800	\$26,770,467	\$27,210,135	\$27,649,803	\$28,089,471	\$28,529,139	\$28,968,807	\$29,408,475	\$29,848,142	
14	TOTAL Accumulated Plant Depreciation	\$24,572,128	\$25,011,796	\$25,451,464	\$25,891,132	\$26,330,800	\$26,770,467	\$27,210,135	\$27,649,803	\$28,089,471	\$28,529,139	\$28,968,807	\$29,408,475	\$29,848,142	

<u>DEFERRED PLANT DEPRECIATION:</u>		Beginning Balance	January	February	March	April	May	June	July	August	September	October	November	December	Ending Balance
15	AMRD	\$4,054,666	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$4,054,666
16	Amortization	(\$899,628)	(\$22,537)	(\$22,537)	(\$22,537)	(\$22,537)	(\$22,537)	(\$22,537)	(\$22,537)	(\$22,537)	(\$22,537)	(\$22,537)	(\$22,537)	(\$22,537)	(\$1,170,074)
17	Cumulative Balance	\$3,155,038	(\$22,537)	(\$22,537)	(\$22,537)	(\$22,537)	(\$22,537)	(\$22,537)	(\$22,537)	(\$22,537)	(\$22,537)	(\$22,537)	(\$22,537)	(\$22,537)	\$2,884,593

ANNUALIZED PLANT DEPRECIATION EXPENSE:

ANNUALIZED DEFERRED PLANT DEPRECIATION AMORTIZATION:

		2016		2016
18	Cumulative AMRD Additions	\$79,100,665		Cumulative Deferred Depreciation- AMRD \$4,054,666
19	TOTAL Cumulative Plant Additions	\$79,100,665		TOTAL Cumulative Deferred Plant Depreciation \$4,054,666
20	Depreciation Rate	6.67%		Depreciation Rate 6.67%
21	Annualized Depreciation	\$5,276,014		Annualized Deferred Plant Depreciation Amort \$270,446

Columbia Gas of Ohio, Inc.
Infrastructure Tracking Mechanism - Automated Meter Reading Devices
Case No. 16-2236-GA-RDR
Post in Service Carrying Cost

Data: 2016 - 9 Months Actual 3 Month Estimates

Schedule AMRD-6

Line No.	Description	Beginning Balance	January	February	March	April	May	June	July	August	September	October	November	December	TOTAL
<u>2016 PISCC Prior Years' Investment:</u>															
1	2015 AMRD		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2	TOTAL PISCC		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<u>2016 PISCC Current Year's Investment:</u>															
3	2016 AMRD		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
4	TOTAL PISCC		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<u>CUMULATIVE PISCC Additions:</u>															
5	AMRD Cumulative PISCC		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
6	TOTAL Accumulated PISCC		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	

		Beginning Balance	January	February	March	April	May	June	July	August	September	October	November	December	TOTAL
<u>DEFERRED PISCC:</u>															
7	AMRD-Deferred PISCC	\$3,695,494	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$3,695,494
8	Amortization-Deferred PISCC	(\$802,715)	(\$20,541)	(\$20,541)	(\$20,541)	(\$20,541)	(\$20,541)	(\$20,541)	(\$20,541)	(\$20,541)	(\$20,541)	(\$20,541)	(\$20,541)	(\$20,541)	(\$1,049,205)
9	Cumulative Balance PISCC	\$2,892,779	(\$20,541)	(\$20,541)	(\$20,541)	(\$20,541)	(\$20,541)	(\$20,541)	(\$20,541)	(\$20,541)	(\$20,541)	(\$20,541)	(\$20,541)	(\$20,541)	\$2,646,288

ANNUALIZED PISCC AMORTIZATION:

		2016
10	Cumulative PISCC Additions-AMRD	\$3,695,494
11	TOTAL Cumulative PISCC Additions	\$3,695,494
12	Depreciation Rate	6.67%
13	Annualized PISCC Amortization	\$246,489

Columbia Gas of Ohio, Inc.
Infrastructure Tracking Mechanism - Automated Meter Reading Devices
Case No. 16-2236-GA-RDR
Annualized Property Tax Expense Calculation

Data: 2016 - 9 Months Actual 3 Month Estimates

Schedule AMRD-7

Line No.	Description	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
1	Annual Investment as of December 31 of prior year ⁽¹⁾	\$10,397,777	\$22,442,610	\$22,054,270	\$22,746,196	\$1,459,812	\$0	\$0	\$0		
2	Percent Good ⁽²⁾	75.00%	78.30%	81.70%	85.00%	88.30%	91.70%	95.00%	98.30%		
3	Taxable Value	\$7,798,333	\$17,572,564	\$18,018,339	\$19,334,267	\$1,289,014	\$0	\$0	\$0		
4	Valuation Percentage	25.00%	25.00%	25.00%	25.00%	25.00%	25.00%	25.00%	25.00%		
5	Total Taxable Value	\$1,949,583	\$4,393,141	\$4,504,585	\$4,833,567	\$322,254	\$0	\$0	\$0		
6	Average Property Tax Rate per \$1,000 of Valuation	\$94.31	\$94.31	\$94.31	\$94.31	\$94.31	\$94.31	\$94.31	\$94.31		
7	Property Tax	\$183,865	\$414,317	\$424,827	\$455,854	\$30,392	\$0	\$0	\$0		\$1,509,255

⁽¹⁾ Annual Investment = Plant Additions - Original Cost Retired

⁽²⁾ Columbia's Annual Report, Schedule C - 30 Year Class Life Distribution Plant

Line No.	Description	Beginning Balance	January	February	March	April	May	June	July	August	September	October	November	December	Total
Deferred Property Tax Expense Calculation															
8	Deferral ⁽³⁾	\$571,471	\$0	\$0	\$0	\$0									\$571,471
9	Amortization	(\$107,838)	(\$3,176)	(\$3,176)	(\$3,176)	(\$3,176)	(\$3,176)	(\$3,176)	(\$3,176)	(\$3,176)	(\$3,176)	(\$3,176)	(\$3,176)	(\$3,176)	(\$145,955)
10	Net Deferral Balance	\$463,633	(\$3,176)	(\$3,176)	(\$3,176)	(\$3,176)	(\$3,176)	(\$3,176)	(\$3,176)	(\$3,176)	(\$3,176)	(\$3,176)	(\$3,176)	(\$3,176)	\$425,516

⁽³⁾ Deferred property taxes are based off of the 2016 Property Tax Expense shown on Schedule AMRD-7, Case No. 15-1918-GA-RDR

Annualized Property Tax Amortization:

	2016
11 Cumulative Deferred Property Tax	\$571,471
12 Weighted Average Depreciation Rate	6.67%
13 Annualized Deferred Property Tax Amortization	<u>\$38,117</u>

Columbia Gas of Ohio, Inc.
Infrastructure Tracking Mechanism - Automated Meter Reading Devices
Case No. 16-2236-GA-RDR
Deferred Tax - Liberalized Depreciation

Data: 2016 - 9 Months Actual 3 Month Estimates

Schedule AMRD-8

Line No.	Description	2009	2010	2011	2012	2013	2014	2015	2016	Cumulative TOTAL
1	Plant Additions	\$10,397,777	\$22,442,610	\$22,054,270	\$22,746,196	\$1,459,812	\$0	\$0	\$0	
2	Depreciation Expense-Plant	\$166,585	\$1,309,929	\$2,811,889	\$4,483,618	\$5,248,078	\$5,276,015	\$5,276,014	\$5,276,014	
3	MACRS Depn/Amort (Calculated Below)	\$519,889	\$12,914,840	\$25,632,572	\$16,689,260	\$2,747,788	\$1,814,961	\$1,681,924	\$1,610,296	
4	Difference between Book Depn & Tax Depn	(\$353,304)	(\$11,604,911)	(\$22,820,683)	(\$12,205,642)	\$2,500,290	\$3,461,053	\$3,594,090	\$3,665,719	
5	Federal Income Tax Rate	35%	35%	35%	35%	35%	35%	35%	35%	
6	Deferred Tax-Liberalized Depreciation	(\$123,656)	(\$4,061,719)	(\$7,987,239)	(\$4,271,975)	\$875,102	\$1,211,369	\$1,257,931	\$1,283,002	(\$11,817,186)
7	NOL Attributable to Deferred Taxes	\$0	\$1,171,949	\$974,854	\$1,930,913	(\$26,040)	\$0	(\$1,238,110)	\$0	\$2,813,566
8	Total Deferred Taxes	(\$123,656)	(\$2,889,770)	(\$7,012,385)	(\$2,341,062)	\$849,062	\$1,211,369	\$19,821	\$1,283,002	(\$9,003,620)
		2009	2010	2011	2012	2013	2014	2015		TOTAL
9	2009	\$519,889								\$519,889
10	2010	\$987,789	\$11,927,051							\$12,914,840
11	2011	\$889,010	\$5,173,556	\$19,570,006						\$25,632,572
12	2012	\$800,629	\$534,200	\$2,484,264	\$12,870,167					\$16,689,260
13	2013	\$720,566	\$481,093		\$740,728	\$805,401				\$2,747,788
14	2014	\$647,782	\$432,983		\$685,114	\$49,083	\$0			\$1,814,961
15	2015	\$613,469	\$389,248		\$633,810	\$45,397	\$0	\$0		\$1,681,924
16	2016	\$613,469	\$368,629		\$586,200	\$41,998	\$0	\$0	\$0	\$1,610,296
17	2017	\$614,509	\$368,629		\$542,284	\$38,843	\$0	\$0	\$0	\$1,564,264
18	2018	\$613,469	\$369,254		\$501,548	\$35,933	\$0	\$0	\$0	\$1,520,204
19	2019	\$614,509	\$368,629		\$463,994	\$33,234	\$0	\$0	\$0	\$1,480,365
20	2020	\$613,469	\$369,254		\$457,837	\$30,745	\$0	\$0	\$0	\$1,471,306
21	2021	\$614,509	\$368,629		\$457,735	\$30,337	\$0	\$0	\$0	\$1,471,210
22	2022	\$613,469	\$369,254		\$457,837	\$30,331	\$0	\$0	\$0	\$1,470,891
23	2023	\$614,509	\$368,629		\$457,735	\$30,337	\$0	\$0	\$0	\$1,471,210
24	2024	\$306,734	\$369,254		\$457,837	\$30,331	\$0	\$0	\$0	\$1,164,156
25	2025	\$0	\$184,315		\$457,735	\$30,337	\$0	\$0	\$0	\$672,387
26	2026	\$0	\$0		\$457,837	\$30,331	\$0	\$0	\$0	\$488,168
27	2027	\$0	\$0		\$457,735	\$30,337	\$0	\$0	\$0	\$488,072
28	2028	\$0	\$0		\$457,837	\$30,331	\$0	\$0	\$0	\$488,168
29	2029	\$0	\$0		\$457,735	\$30,337	\$0	\$0	\$0	\$488,072
30	2030	\$0	\$0		\$457,837	\$30,331	\$0	\$0	\$0	\$488,168
31	2031	\$0	\$0		\$457,735	\$30,337	\$0	\$0	\$0	\$488,072
32	2032	\$0	\$0		\$228,919	\$30,331	\$0	\$0	\$0	\$259,249
33	2033	\$0	\$0		\$0	\$15,169	\$0	\$0	\$0	\$15,169
34	2034	\$0	\$0		\$0	\$0	\$0	\$0	\$0	\$0
35	2035	\$0	\$0		\$0	\$0	\$0	\$0	\$0	\$0
36	2036	\$0	\$0	0	\$0	\$0	\$0	\$0	\$0	\$0
37	2037	\$0	\$0		\$0	\$0	\$0	\$0	\$0	\$0
38	TOTAL	\$10,397,777	\$22,442,607	\$22,054,270	\$22,746,196	\$1,459,812	\$0	\$0	\$0	\$79,100,662

Schedule AMRD-9A

Schedule AMRD-9B

Columbia Gas of Ohio, Inc.
Infrastructure Tracking Mechanism - Automated Meter Reading Devices
Case No. 16-2236-GA-RDR
Revenue Reconciliation

Schedule AMRD-10

**Line
No.**

1	Revenue Requirement Per Case No. 15-1918-GA-RDR	\$7,635,803
2	January - April 2016 Revenue Requirement	\$2,842,373
3	Revenue Recoveries January 2016 - April 2017	(\$10,371,499)
4	TOTAL (Over)/Under Collected	<u>\$106,678</u>

		Customers ⁽¹⁾		Rate		Revenue ⁽¹⁾		
		SGS	GS	SGS	GS	SGS	GS	TOTAL
5	January-16	1,409,129	41,453	\$0.38	\$4.17	\$535,469	\$172,859	\$708,328
6	February-16	1,414,777	41,484	\$0.38	\$4.17	\$537,615	\$172,988	\$710,604
7	March-16	1,414,802	41,514	\$0.38	\$4.17	\$537,625	\$173,113	\$710,738
8	April-16	1,412,332	41,468	\$0.38	\$4.17	\$536,686	\$172,922	\$709,608
9	May-16	1,411,553	41,359	\$0.35	\$3.67	\$494,044	\$151,788	\$645,831
10	June-16	1,405,964	41,274	\$0.35	\$3.67	\$492,087	\$151,476	\$643,563
11	July-16	1,399,944	41,154	\$0.35	\$3.67	\$489,980	\$151,035	\$641,016
12	August-16	1,398,091	41,065	\$0.35	\$3.67	\$489,332	\$150,709	\$640,040
13	September-16	1,392,329	40,999	\$0.35	\$3.67	\$487,315	\$150,466	\$637,781
14	October-16	1,402,005	32,713	\$0.35	\$3.67	\$490,702	\$120,057	\$610,758
15	November-16	1,408,160	32,903	\$0.35	\$3.67	\$492,856	\$120,754	\$613,610
16	December-16	1,420,229	33,101	\$0.35	\$3.67	\$497,080	\$121,481	\$618,561
17	January-17	1,420,295	33,151	\$0.35	\$3.67	\$497,103	\$121,664	\$618,767
18	February-17	1,426,625	33,170	\$0.35	\$3.67	\$499,319	\$121,734	\$621,053
19	March-17	1,427,586	33,191	\$0.35	\$3.67	\$499,655	\$121,811	\$621,466
20	April-17	1,423,949	33,077	\$0.35	\$3.67	\$498,382	\$121,393	\$619,775
								<u>\$10,371,499</u>

(1) Customers and Revenue based on Actuals for September 2016 YTD and Projections for October 2016 through April 2017.

Columbia Gas of Ohio, Inc.
Case No. 16-2236-GA-RDR
Computation of Projected Impact per Customer - Automated Meter Reading Devices
For Rates Effective May 2017

Schedule AMRD-11

Line No.	Description	Reference	Amount
1	Revenue Requirement Plus Over/Under from Case No. 15-1918-GA-RDR	Sch AMRD-1 Line 29	\$7,353,208
	<u>Allocated Plant in Service per Case No. 08-0072-GA-AIR ⁽¹⁾</u>		
2	SGS Class		\$77,247
3	GS Class		\$23,946
4	TOTAL		<u>\$101,193</u>
	<u>Percent by Class</u>		
5	SGS Class	Line 2/Line 4	76.34%
6	GS Class	Line 3/Line 4	23.66%
7	TOTAL		<u>100.00%</u>
	<u>Revenue Requirement Allocated to Each Class</u>		
8	SGS Class	Line 5 * Line 1	\$5,613,168
9	GS Class	Line 6 * Line 1	\$1,740,041
10	TOTAL		<u>\$7,353,208</u>
	<u>Number of Projected Bills TME April 2018</u>		
11	SGS Class		16,957,196
12	GS Class		450,052
13	TOTAL		<u>17,407,248</u>
14	PROJECTED IMPACT PER MONTH - SGS CLASS		\$0.33
15	PROJECTED IMPACT PER MONTH - GS CLASS		\$3.87

(1) Source: Schedule E-3.2-1 per Case No. 08-0072-GA-AIR, Allocated Plant in Service for Distribution Plant Account 381, Meters

PFN EXHIBIT 7D

STUDY – RIDER DSM

Columbia Gas of Ohio, Inc.
Demand Side Management Program
Case No. 16-2236-GA-RDR
Revenue Requirement Calculation

Data: 2016 - 9 Months Actual 3 Month Estimate

Schedule DSM-1

Line No.		Actual Thru December 31, 2008 (1)	Actual Thru December 31, 2009 (2)	Actual Thru December 31, 2010 (3)	Actual Thru December 31, 2011 (4)	Actual Thru December 31, 2012 (5)	Actual Thru December 31, 2013 (6)	Actual Thru December 31, 2014 (7)	Actual Thru December 31, 2015 (8)	Actual Thru December 31, 2016 (9)	Total As Of December 31, 2016 (10 = 1 thru 9)	Reference
DSM Expenditures												
1	Home Performance Solutions	\$0	\$606,870	\$5,094,514	\$11,076,753	\$8,042,078	\$7,885,709	\$7,365,714	\$5,702,631	\$4,397,632	\$50,171,901	DSM-2
2	Simple Energy Solutions	\$0	\$387,682	\$256,293	\$433,001	\$344,365	\$373,944	\$390,860	\$426,529	\$371,355	\$2,984,030	DSM-2
3	New Home Solutions	\$0	\$0	\$401,353	\$1,519,893	\$2,186,540	\$3,435,744	\$2,807,250	\$2,624,200	\$2,851,543	\$15,826,523	DSM-2
4	Furnace Market Research	\$0	\$0	\$56,489	\$23,168	\$0	\$0	\$0	\$0	\$0	\$79,657	DSM-2
5	Small Business Energy Solutions	\$0	\$118,016	\$286,691	(\$32,179)	\$0	\$0	\$0	\$0	\$0	\$372,528	DSM-2
6	Residential Energy Efficiency Education for Students	\$0	\$7,700	\$7,700	\$977	\$298,315	\$411,185	\$292,204	\$301,609	\$355,539	\$1,675,229	DSM-2
7	Energy Design Solutions	\$0	\$0	\$89,867	\$130,280	\$250	\$192	\$7,492	\$184,941	\$275,576	\$688,597	DSM-2
8	Innovative Energy Solutions	\$0	\$0	\$0	\$149,566	\$256,111	\$615,620	\$1,921,759	\$2,080,769	\$2,746,849	\$7,770,674	DSM-2
9	Home Energy Report Program	\$0	\$0	\$0	\$0	\$19,063	\$577,109	\$1,074,460	\$1,505,737	\$2,473,739	\$5,650,108	DSM-2
10	Residential Energy Code Training and Evaluation	\$0	\$0	\$0	\$0	\$0	\$39,903	\$128,351	\$6,230	\$2,531	\$177,016	DSM-2
11	High Efficiency Heating System Rebate	\$0	\$0	\$0	\$0	\$0	\$419,186	\$1,980,251	\$2,261,939	\$2,626,142	\$7,287,517	DSM-2
12	EPA Portfolio Manager	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	DSM-2
13	Online Energy Audit	\$0	\$0	\$0	\$0	\$0	\$0	\$875	\$160,747	\$147,715	\$309,337	DSM-2
14	Program Administration	\$0	\$315,443	\$278,030	\$278,172	\$272,771	\$437,779	\$517,341	\$510,424	\$627,958	\$3,237,918	DSM-2
15	Program Development	\$84,443	\$20,764	\$35,231	\$16,845	\$5,470	\$8,967	\$200	\$65,968	\$0	\$237,889	DSM-2
16	WarmChoice	\$0	\$0	\$0	\$0	\$2,672,017	\$3,677,733	\$4,021,415	\$4,717,330	\$6,267,616	\$21,356,110	DSM-2
17	Total	\$84,443	\$1,456,475	\$6,506,169	\$13,596,477	\$14,096,980	\$17,883,072	\$20,508,172	\$20,549,052	\$23,144,195	\$117,825,035	Sum of Lines 1 through 16
18	Actual Recoveries			(\$1,497,816)	(\$6,769,419)	(\$14,473,920)	(\$16,204,727)	(\$19,149,567)	(\$17,349,284)	(\$25,612,273)	(\$101,057,006)	DSM-3
19	Adjustment based on Actual Recoveries			(\$84,803)	\$858,043	(\$205,840)	(\$1,575,078)	(\$458,352)	\$968,953	\$0	(\$497,077)	DSM-3
20	Carrying Costs	\$1,719	\$21,915	\$189,189	\$654,539	\$1,071,002	\$1,164,850	\$1,256,616	\$1,339,502	\$1,481,453	\$7,180,785	DSM-4
21	Shared Savings Incentive					\$100,579	\$197,683	\$603,673	\$667,982	\$557,223	\$2,127,140	DSM-5
22	Total Revenue Requirement	\$86,162	\$1,478,390	\$5,112,739	\$8,339,640	\$588,801	\$1,465,800	\$2,760,542	\$6,176,206	(\$429,402)	\$25,578,878	Sum of Lines 17 through 21

Columbia Gas of Ohio, Inc.
Demand Side Management Program
Case No. 16-2236-GA-RDR
Expenditures by Month

Data: 2016 - 9 Months Actual 3 Month Estimate

Schedule DSM-2

Line No.	Description	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	Cumulative Total	
1	Home Performance Solutions	\$0	\$606,870	\$5,094,514	\$11,076,753	\$8,042,078	\$7,885,709	\$7,365,714	\$5,702,631	\$4,397,632	\$0	\$0	\$50,171,901	
2	Simple Energy Solutions	\$0	\$387,682	\$256,293	\$433,001	\$344,365	\$373,944	\$390,860	\$426,529	\$371,355	\$0	\$0	\$2,984,030	
3	New Home Solutions	\$0	\$0	\$401,353	\$1,519,893	\$2,186,540	\$3,435,744	\$2,807,250	\$2,624,200	\$2,851,543	\$0	\$0	\$15,826,523	
4	Furnace Market Research	\$0	\$0	\$56,489	\$23,168	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$79,657	
5	Small Business Energy Solutions	\$0	\$118,016	\$286,691	(\$32,179)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$372,528	
6	Residential Energy Efficiency Education for Students	\$0	\$7,700	\$7,700	\$977	\$298,315	\$411,185	\$292,204	\$301,609	\$355,539	\$0	\$0	\$1,675,229	
7	Energy Design Solutions	\$0	\$0	\$89,867	\$130,280	\$250	\$192	\$7,492	\$184,941	\$275,576	\$0	\$0	\$688,597	
8	Innovative Energy Solutions	\$0	\$0	\$0	\$149,566	\$256,111	\$615,620	\$1,921,759	\$2,080,769	\$2,746,849	\$0	\$0	\$7,770,674	
9	Home Energy Report Program	\$0	\$0	\$0	\$0	\$19,063	\$577,109	\$1,074,460	\$1,505,737	\$2,473,739	\$0	\$0	\$5,650,108	
10	Residential Energy Code Training and Evaluation	\$0	\$0	\$0	\$0	\$0	\$39,903	\$128,351	\$6,230	\$2,531	\$0	\$0	\$177,016	
11	High Efficiency Heating System Rebate	\$0	\$0	\$0	\$0	\$0	\$419,186	\$1,980,251	\$2,261,939	\$2,626,142	\$0	\$0	\$7,287,517	
12	EPA Portfolio Manager	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
13	Online Energy Audit	\$0	\$0	\$0	\$0	\$0	\$0	\$875	\$160,747	\$147,715	\$0	\$0	\$309,337	
14	Program Administration	\$0	\$315,443	\$278,030	\$278,172	\$272,771	\$437,779	\$517,341	\$510,424	\$627,958	\$0	\$0	\$3,237,918	
15	Program Development	\$84,443	\$20,764	\$35,231	\$16,845	\$5,470	\$8,967	\$200	\$65,968	\$0	\$0	\$0	\$237,889	
16	WarmChoice	\$0	\$0	\$0	\$0	\$2,672,017	\$3,677,733	\$4,021,415	\$4,717,330	\$6,267,616	\$0	\$0	\$21,356,110	
17	TOTAL Expenditures by Year	\$84,443	\$1,456,475	\$6,506,169	\$13,596,477	\$14,096,980	\$17,883,072	\$20,508,172	\$20,549,052	\$23,144,195	\$0	\$0	\$117,825,035	
Expenditures by Month		January	February	March	April	May	June	July	August	September	October	November	December	TOTAL
18	Home Performance Solutions	(\$8,256)	\$313,876	\$804,381	(\$4,745)	\$301,660	\$745,263	(\$24,378)	\$22,734	\$1,040,532	(\$100,082)	\$395,652	\$910,994	\$4,397,632
19	Simple Energy Solutions	\$5,744	\$13,299	\$31,640	\$9,840	\$49,328	\$110,540	(\$26,463)	\$45,098	\$67,512	(\$3,868)	\$19,682	\$49,005	\$371,355
20	New Home Solutions	\$32,764	\$184,862	\$287,352	\$137,263	\$139,315	\$269,328	\$18,824	\$147,385	\$269,704	\$191,037	\$372,907	\$800,801	\$2,851,543
21	Furnace Market Research	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
22	Small Business Energy Solutions	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
23	Residential Energy Efficiency Education for Students	\$1,213	\$20,891	\$45,105	\$1,604	\$18,810	\$28,955	\$2,767	\$1,800	\$193,164	\$935	\$12,373	\$27,920	\$355,539
24	Energy Design Solutions	\$1,940	\$30,520	\$15,199	\$1,952	\$14,518	\$25,672	\$49,078	\$13,400	\$30,815	\$4,497	\$28,051	\$59,935	\$275,576
25	Innovative Energy Solutions	(\$56,175)	\$94,267	\$550,825	\$454	\$45,485	\$452,341	(\$2,937)	\$321,849	\$324,647	\$4,528	\$316,764	\$694,799	\$2,746,849
26	Home Energy Report Program	\$2,456	\$243,269	\$3,246	\$1,464	\$226,499	\$4,665	\$2,250	\$226,171	\$5,399	\$2,853	\$974,233	\$781,232	\$2,473,739
27	Residential Energy Code Training and Evaluation	\$535	\$538	\$422	\$990	\$47	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,531
28	High Efficiency Heating System Rebate	(\$5,311)	\$251,815	\$409,897	(\$16,336)	\$147,863	\$391,125	(\$43,387)	\$326,287	\$248,186	(\$7,986)	\$294,875	\$629,114	\$2,626,142
29	EPA Portfolio Manager	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
30	Online Energy Audit	\$111,541	\$1,927	\$1,598	\$4,070	\$1,217	\$2,116	\$1,245	\$3,444	\$7,308	\$3,339	\$4,177	\$5,732	\$147,715
31	Program Administration	\$28,902	\$34,351	\$95,952	\$69,670	\$64,485	\$46,125	\$50,613	\$41,366	\$45,567	\$34,036	\$52,446	\$64,446	\$627,958
32	Program Development	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
33	WarmChoice	\$91,487	\$5,186	\$2,779	\$3,426	\$2,091	\$3,716	\$221,512	\$629,524	\$549,099	\$119,257	\$2,627,954	\$2,011,587	\$6,267,616
34	TOTAL Expenditures	\$206,840	\$1,194,802	\$2,248,395	\$209,651	\$1,011,317	\$2,079,847	\$249,126	\$1,779,058	\$2,781,933	\$248,547	\$5,099,114	\$6,035,565	\$23,144,195
Cumulative Expenditures														
35	DSM Cumulative Expenditures	\$94,887,680	\$96,082,482	\$98,330,877	\$98,540,529	\$99,551,845	\$101,631,692	\$101,880,818	\$103,659,876	\$106,441,809	\$106,690,356	\$111,789,470	\$117,825,035	
36	Total Cumulative DSM Expenditures	\$94,887,680	\$96,082,482	\$98,330,877	\$98,540,529	\$99,551,845	\$101,631,692	\$101,880,818	\$103,659,876	\$106,441,809	\$106,690,356	\$111,789,470	\$117,825,035	

Columbia Gas of Ohio, Inc.
Demand Side Management Program
Case No. 16-2236-GA-RDR
Recoveries by Month

Data: 2016 - 9 Months Actual 3 Month Estimate

Schedule DSM-3

	TOTAL SGS Throughput in MCF (1)	TOTAL DSM Recoveries (1)
1 May 2016	5,647,618	\$1,253,313
2 June 2016	2,806,792	\$622,849
3 July 2016	1,788,375	\$396,823
4 August 2016	1,584,034	\$351,405
5 September 2016	1,641,365	\$364,294
6 October 2016	3,009,777	\$668,170
7 November 2016	7,552,472	\$1,676,649
8 December 2016	15,933,422	\$3,537,220
9 January 2017	22,898,580	\$5,083,485
10 February 2017	22,534,108	\$5,002,572
11 March 2017	18,081,915	\$4,014,185
12 April 2017	11,897,786	\$2,641,308
13	<u>115,376,244</u>	<u>\$25,612,273</u>

	SGS Throughput in MCF (1)	Rate - effective 5/16- 4/17	DSM Recoveries (1)	SGS Throughput in MCF (1)	Rate - effective 5/15-4/16	DSM Recoveries (1)	SGS Throughput in MCF	Rate - effective 5/14-4/15	DSM Recoveries	SGS Throughput in MCF	Rate - effective 5/13-4/14	DSM Recoveries
14 May 2016	5,636,338	\$0.2220	\$1,251,422	9,038	\$0.1697	\$1,533	2,242	\$0.1595	\$358	0	\$0.1360	\$0
15 June 2016	2,797,558	\$0.2220	\$621,304	7,089	\$0.1697	\$1,203	2,146	\$0.1595	\$342	0	\$0.1360	\$0
16 July 2016	1,780,653	\$0.2220	\$395,558	3,302	\$0.1697	\$560	4,420	\$0.1595	\$705	0	\$0.1360	\$0
17 August 2016	1,575,532	\$0.2220	\$350,017	3,046	\$0.1697	\$517	5,457	\$0.1595	\$871	0	\$0.1360	\$0
18 September 2016	1,635,457	\$0.2220	\$363,328	2,316	\$0.1697	\$393	3,593	\$0.1595	\$573	0	\$0.1360	\$0
19 October 2016	3,009,777	\$0.2220	\$668,170	0	\$0.1697	\$0	0	\$0.1595	\$0	0	\$0.1360	\$0
20 November 2016	7,552,472	\$0.2220	\$1,676,649	0	\$0.1697	\$0	0	\$0.1595	\$0	0	\$0.1360	\$0
21 December 2016	15,933,422	\$0.2220	\$3,537,220	0	\$0.1697	\$0	0	\$0.1595	\$0	0	\$0.1360	\$0
22 January 2017	22,898,580	\$0.2220	\$5,083,485	0	\$0.1697	\$0	0	\$0.1595	\$0	0	\$0.1360	\$0
23 February 2017	22,534,108	\$0.2220	\$5,002,572	0	\$0.1697	\$0	0	\$0.1595	\$0	0	\$0.1360	\$0
24 March 2017	18,081,915	\$0.2220	\$4,014,185	0	\$0.1697	\$0	0	\$0.1595	\$0	0	\$0.1360	\$0
25 April 2017	11,897,786	\$0.2220	\$2,641,308	0	\$0.1697	\$0	0	\$0.1595	\$0	0	\$0.1360	\$0
26	<u>115,333,597</u>		<u>\$25,605,218</u>	<u>24,790</u>		<u>\$4,206</u>	<u>17,857</u>		<u>\$2,849</u>	<u>-</u>		<u>\$0</u>

EXPECTED RECOVERIES AS FILED 2/16				ACTUAL RECOVERIES 5/15 - 4/16											
		SGS Throughput in MCF (2)	Rate - effective 5/15- 4/16	DSM Recoveries (2)			SGS Throughput in MCF (3)	Rate - effective 5/15-4/16	DSM Recoveries (3)			SGS Throughput in MCF (3)	Rate - effective 5/13-4/14	DSM Recoveries (3)	2016 Adjustment (4)
27	May 2015	5,179,221	\$0.1697	\$878,821			5,177,254	\$0.1697	\$878,558			(213)	\$0.1595	(\$33)	\$0
28	June 2015	2,520,363	\$0.1697	\$427,429			2,506,118	\$0.1697	\$425,251			10,230	\$0.1595	\$1,632	\$0
29	July 2015	1,892,787	\$0.1697	\$321,048			1,886,300	\$0.1697	\$320,037			5,479	\$0.1595	\$874	\$0
30	August 2015	1,677,604	\$0.1697	\$284,486			1,671,330	\$0.1697	\$283,547			3,645	\$0.1595	\$581	\$0
31	September 2015	1,746,109	\$0.1697	\$296,200			1,743,000	\$0.1697	\$295,721			2,418	\$0.1595	\$386	\$0
32	October 2015	2,633,194	\$0.1697	\$446,732			2,629,399	\$0.1697	\$446,158			2,453	\$0.1595	\$391	\$0
33	November 2015	5,807,955	\$0.1697	\$985,519			5,804,593	\$0.1697	\$985,013			2,104	\$0.1595	\$336	\$0
34	December 2015	11,746,915	\$0.1697	\$1,993,275			11,739,107	\$0.1697	\$1,992,076			5,835	\$0.1595	\$931	\$0
35	January 2016	18,223,470	\$0.1697	\$3,092,523			18,218,316	\$0.1697	\$3,091,581			1,704	\$0.1595	\$272	(\$557)
36	February 2016	21,438,637	\$0.1697	\$3,638,137			19,939,996	\$0.1697	\$3,383,747			2,590	\$0.1595	\$413	(\$253,793)
37	March 2016	17,753,253	\$0.1697	\$3,012,727			14,747,989	\$0.1697	\$2,502,671			2,223	\$0.1595	\$355	(\$509,670)
38	April 2016	11,622,785	\$0.1697	\$1,972,387			10,413,396	\$0.1697	\$1,767,104			2,181	\$0.1595	\$348	(\$204,933)
39		102,242,291		\$17,349,284			96,476,797		\$16,371,465			40,649		\$6,484	(\$968,953)

(1) October 2016 through April 2017 throughput has been forecasted.

(2) Based on recoveries as filed in DSM Rider filing 2/28/2016.

(3) Actual recoveries from May 2015-April 2016.

(4) Adjustment to projected recoveries based on actual data.

Columbia Gas of Ohio, Inc.
Demand Side Management Program
Case No. 16-2236-GA-RDR
Carrying Costs

Data: 2016 - 9 Months Actual 3 Month Estimate

Schedule DSM-4

Line No.	Description	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	Cumulative Total	
1	Carrying Costs	\$1,719	\$21,915	\$189,189	\$654,539	\$1,071,002	\$1,164,850	\$1,256,616	\$1,339,502	\$1,481,453	\$0	\$0	\$7,180,785	
	Average Monthly Balance	January	February	March	April	May	June	July	August	September	October	November	December	
2	Beginning Balance	\$30,387,754	\$27,502,627	\$25,313,086	\$25,058,424	\$23,500,622	\$23,926,608	\$25,383,606	\$25,235,909	\$26,663,562	\$29,081,200	\$28,661,577	\$32,084,042	
3	Additional Costs	\$206,840	\$1,194,802	\$2,248,395	\$209,651	\$1,011,317	\$2,079,847	\$249,126	\$1,779,058	\$2,781,933	\$248,547	\$5,099,114	\$6,035,565	
4	Recoveries	(\$3,091,966)	(\$3,384,343)	(\$2,503,057)	(\$1,767,453)	(\$1,253,313)	(\$622,849)	(\$396,823)	(\$351,405)	(\$364,294)	(\$668,170)	(\$1,676,649)	(\$3,537,220)	
	Shared Savings Incentive	\$0	\$0	\$0	\$0	\$667,982	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
5	Ending Balance	\$27,502,627	\$25,313,086	\$25,058,424	\$23,500,622	\$23,926,608	\$25,383,606	\$25,235,909	\$26,663,562	\$29,081,200	\$28,661,577	\$32,084,042	\$34,582,388	
6	Average Monthly Balance	\$28,945,191	\$26,407,857	\$25,185,755	\$24,279,523	\$23,713,615	\$24,655,107	\$25,309,757	\$25,949,735	\$27,872,381	\$28,871,389	\$30,372,810	\$33,333,215	
	Calculated Carrying Costs	January	February	March	April	May	June	July	August	September	October	November	December	TOTAL
7	Carrying Costs	\$134,472	\$110,812	\$117,007	\$109,158	\$110,168	\$110,847	\$117,583	\$120,556	\$125,311	\$134,129	\$136,553	\$154,858	\$1,481,453

**Columbia Gas of Ohio, Inc.
Demand Side Management Program
Case No. 16-2236-GA-RDR
Shared Savings Incentive**

Schedule DSM-5

Line No.	Description	Amount
1	Total Annual Budget	\$31,266,788
2	Projected Annual Expenditures	\$30,244,195
3	Percentage of Annual Budget Spent (Line 2 divided by Line 1)	96.7%
4	Total Annual Natural Gas Savings Target (MCF)	400,048
5	Projected Annual Natural Gas Savings (MCF)	762,745
6	Percentage of Natural Gas Savings Target Achieved (Line 5 divided by Line 4)	190.7%
7	Net Present Value of Projected Program Lifetime Energy Savings	\$36,799,762
8	Actual Program Costs	\$30,244,195
9	Difference (Line 7 less Line 8)	\$6,555,567
10	<u>Shared Savings Level Achieved</u>	8.5%
11	Shared Savings Incentive (Line 9 multiplied by Line 10) ⁽¹⁾	<u>\$557,223</u>

Notes:

(1) Shared savings amount based on DSM Program savings, as prescribed in PUCO Case 13-2146-GA-UNC.

Columbia Gas of Ohio, Inc.
Demand Side Management Program
Case No. 16-2236-GA-RDR
Computation of Rate Per Customer
For Rates Effective May 2017

Schedule DSM-6

Line No.	Description	Reference	Amount
1	TOTAL REVENUE REQUIREMENT	Sch DSM-1	\$25,578,878
2	SGS Projected Annual Throughput, MCF ⁽¹⁾		115,572,713
3	SGS Rate per MCF	Line 1 divided by Line 2	\$0.2213

Notes:

(1) Includes SGS, SGTS, and FRSGTS throughput for Twelve Months Ended April 2018

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in

Case No(s). 16-2236-GA-RDR

Summary: Notice of Intent to File an Application to Adjust Rider IRP and Rider DSM Rates electronically filed by Cheryl A MacDonald on behalf of Columbia Gas of Ohio, Inc.