

KY PSC Case No. 2013-00167
Response to AG's Data Request Set One No. 248
Respondent: Paul R. Moul

**COLUMBIA GAS OF KENTUCKY, INC.
RESPONSE TO ATTORNEY GENERAL'S FIRST
REQUEST FOR INFORMATION
DATED JULY 19, 2013**

248. Please provide copies of credit reports for NiSource and Columbia from the major credit rating agencies (S&P, Moody's, and Fitch) published since January 1, 2011.

Response:

Please see PSC Case No. 2013-00167_AG Set 1 DR No. 248 Attachments A-W for reports since January 1, 2011. Attachments A-E are reports from Moody's; Attachments F-P are reports from S&P and Attachments Q-W are reports from Fitch.

KY PSC Case No. 2013-00167
Response to AG's Data Request Set One No. 249
Respondent: Paul R. Moul

**COLUMBIA GAS OF KENTUCKY, INC.
RESPONSE TO ATTORNEY GENERAL'S FIRST
REQUEST FOR INFORMATION
DATED JULY 19, 2013**

249. Please provide the S&P and Moody's credit and bond ratings for NiSource and Columbia for the past five years.

Response:

Please see the response to AG-1-115.

KY PSC Case No. 2013-00167
Response to AG's Data Request Set One No. 250
Respondent: S. Mark Katko

**COLUMBIA GAS OF KENTUCKY, INC.
RESPONSE TO ATTORNEY GENERAL'S FIRST
REQUEST FOR INFORMATION
DATED JULY 19, 2013**

250. Please provide the breakdown in the expected return on pension plan assets for Columbia. Specifically, please provide the expected return on different assets classes (bonds, US stocks, international stocks, etc.) used in determining the expected return on plan assets. Please provide all associated source documents and work papers.

Response:

Please refer to Columbia's response to AG Data Request No 1-116.

KY PSC Case No. 2013-00167
Response to AG's Data Request Set One No. 251
Respondent: P.R. Moul

**COLUMBIA GAS OF KENTUCKY, INC.
RESPONSE TO ATTORNEY GENERAL'S FIRST
REQUEST FOR INFORMATION
DATED JULY 19, 2013**

251. Please provide the authorized and earned return on common equity over the past five years for Columbia. Please show the figures used in calculating the earned return on common equity for each year, including all adjustments to net income and/or common equity. Please provide copies of the source documents, work papers, and data in both hard copy and electronic (Microsoft Excel) formats, with all data and formulas intact.

Response:

Please see Columbia's response to AG data request number 118 Attachment A for Columbia's authorized and earned return on common equity over the past five years. A work paper has been provided as Attachment B to that same data request.

KY PSC Case No. 2013-00167
Response to AG's Data Request Set One No. 252
Respondent: Paul R. Moul

**COLUMBIA GAS OF KENTUCKY, INC.
RESPONSE TO ATTORNEY GENERAL'S FIRST
REQUEST FOR INFORMATION
DATED JULY 19, 2013**

252. Please provide copies of the financial statements (balance sheet, income statement, statement of cash flows, and the notes to the financial statements) for Columbia for 2010, 2011 and 2012, when available. Please provide copies of the financial statements in both hard copy and electronic (Microsoft Excel) formats, with all data and formulas intact.

Response:

The requested files are on the separate CD. Please see the file labeled "PSC Case No. 2013-00167_AG Set 1 DR No. 252 Attachment A" for the 2010 financial statements, the file labeled "PSC Case No. 2013-00167_AG Set 1 DR No. 252 Attachment B" for the 2011 financial statements and the file labeled "PSC Case No. 2013-00167_AG Set 1 DR No. 252 Attachment C" for the 2012 financial statements. PSC Case No. 2013-00167_AG Set 1 DR No. 252 Attachments 1-15 provide the excel versions of the financial statements for 2010, 2011 and 2012.

KY PSC Case No. 2013-00167
Response to AG's Data Request Set One No. 253
Respondent: Paul R. Moul

**COLUMBIA GAS OF KENTUCKY, INC.
RESPONSE TO ATTORNEY GENERAL'S FIRST
REQUEST FOR INFORMATION
DATED JULY 19, 2013**

253. For the past three years, please provide the dates and amount of: (1) cash dividend payments made by Columbia to NiSource; and (2) cash equity infusions made by NiSource into Columbia.

Response:

(1) Please see Columbia's response AG data request number 117, which provides the dividend payments made by Columbia to NiSource for the past five years.

(2) There have been no cash equity infusions made by NiSource into Columbia over the past three years.

KY PSC Case No. 2013-00167
Response to AG's Data Request Set One No. 254
Respondent: Paul R. Moul

**COLUMBIA GAS OF KENTUCKY, INC.
RESPONSE TO ATTORNEY GENERAL'S FIRST
REQUEST FOR INFORMATION
DATED JULY 19, 2013**

254. Please provide the SEC 10-k reports for NiSource and Columbia for 2011 and 2012. If the 2012 10-k is not yet available, please provide it when it becomes available.

Response:

Please see the Filing Requirements, Volume 2, tab 49 for copies of the NiSource 10K for 2011 and 2012.

KY PSC Case No. 2013-00167
Response to AG's Data Request Set One No. 255
Respondent: Paul R. Moul

**COLUMBIA GAS OF KENTUCKY, INC.
RESPONSE TO ATTORNEY GENERAL'S FIRST
REQUEST FOR INFORMATION
DATED JULY 19, 2013**

255. Please provide the authorized and earned returns on equity for the operating local distribution gas companies subsidiaries of NiSource for the past three years.

Response:

Please see Columbia's response to AG Data Request Set 1 No. 5 which provides the authorized and earned returns for the gas distribution companies for the past five years.

**COLUMBIA GAS OF KENTUCKY, INC.
RESPONSE TO ATTORNEY GENERAL'S FIRST
REQUEST FOR INFORMATION
DATED JULY 19, 2013**

256. Reference Mr. Paul's testimony in general and at pages 5 and 11 through 13 in particular. For each member of his proxy group of companies, state which ones have the following (with the work being liberally construed to include "mechanism" meaning a tracker, line-item on the bill, accounting measure, etc.):

- a. A weather normalization mechanism;
- b. A demand side management mechanism;
- c. A revenue normalization mechanism; and
- d. An accelerated mains replacement mechanism.

Response:

Please refer to the Attachment A for items (a) (c) and (d). Demand side management mechanisms are typically utilized in the electric utility industry, and thus are not part of the response for the Gas Group.

Group of Gas Distribution Companies

| Ticker | Company | (a) and (c) Weather normalization mechanism and revenue normalization mechanism | (d) accelerated mains replacement mechanism |
|--------|---|---|---|
| GAS | AGL Resources, Inc. | | |
| | Florida | Decoupled or straight-fixed-variable rates | Regulatory infrastructure program rates |
| | Georgia | | |
| | Illinois | Weather normalization | Regulatory Infrastructure program rates |
| | New Jersey | Decoupled or straight-fixed-variable rates | |
| ATO | Tennessee | Weather Normalization/Decoupling--A Weather Normalization Adjustment (WNA) Rider | Regulatory Infrastructure program rates |
| | Virginia | | |
| | Atmos Energy Corp. | | |
| | Georgia | Weather normalization | Pipeline Replacement Program (PRP) surcharge |
| | Kansas | Weather normalization | periodic Infrastructure replacement filings |
| LG | Kentucky | Weather normalization | Pipeline Replacement Program (PRP) surcharge |
| | Louisiana | Weather normalization | Rate Stabilization Clause: updated annually without filing a formal rate case |
| | Mississippi | Weather normalization | Stable Rate Filing: updated annually without filing a formal rate case |
| | Tennessee | Weather normalization | |
| | Texas | Weather normalization | Texas' Gas Reliability Infrastructure Program (GRIP) |
| NJR | Laclede Group, Inc. Missouri | | Infrastructure System Replacement Surcharge (ISRS) to recover costs associated with certain distribution system replacement projects |
| NWN | New Jersey Resources Corp. New Jersey | Full revenue decoupling mechanisms were approved in 2006, suspending the then-existing WNCs. Operation of the mechanism is contingent on the company's achieving certain demand-reduction targets as specified in a BPU-approved conservation incentive program. | Accelerated Infrastructure Program (AiP) for 2009, 2010, 2011 and 2012. Safety Acceleration and Facility Enhancement (SAFE) a future four-year incremental investment program of \$130 million. |
| | Northwest Natural Gas Oregon | A decoupling mechanism is in place for NWN that is designed to counteract the impact on revenues of changes in average consumption patterns due to residential and commercial customers' conservation efforts. NWN has a separate weather-adjusted rate mechanism (WARM) in place for residential and commercial customers. | System Integrity Program (SIP) related to the replacement of bare steel, pipeline integrity, and other pipeline safety programs |
| PNY | Washington | | pipeline replacement cost recovery mechanism pending |
| | Piedmont Natural Gas Co. North Carolina | Margin Decoupling Mechanism/Tracker (MDT), formerly known as the Customer Utilization Tracker, that decouples the recovery of authorized margins from sales levels, thus mitigating the impact of weather and energy conservation programs on revenues. | |
| | South Carolina | Gas weather normalization adjustments have been in place for several years that apply to residential and small commercial customers during winter months | Rate stabilization mechanism restates rates annually based on updated costs and revenues |
| SJI | Tennessee | Weather normalization | |
| | South Jersey industries, inc. New Jersey | Full revenue decoupling mechanisms were approved in 2006, suspending the then-existing WNCs. Operation of the mechanism is contingent on the company's achieving certain demand-reduction targets as specified in a BPU-approved conservation incentive program. | Capital Investment Recovery Tracker (CiRT) annual filing to the BPU for review and approval of expenditures recorded |
| SWX | Southwest Gas Corporation Arizona | Full revenue decoupling mechanism with a winter period monthly weather adjuster is in place, for most customer classes | Pipe Replacement Tracking Mechanisms |
| | California | Decoupled rate structures which mitigate weather risk | |
| WGL | Nevada | Decoupled rate structures which mitigate weather risk | |
| | WGL Holdings, Inc. District of Columbia | revenue-normalization mechanism | S.B. 8 establishes what has been referred to as the Maryland Strategic Infrastructure Development and Enhancement (STRIDE) Program |
| | Maryland | | Infrastructure rider mechanisms |
| | Virginia | Weather Normalization/Decoupling--A Weather Normalization Adjustment (WNA) Rider | |

KY PSC Case No. 2013-00167
Response to AG's Data Request Set One No. 257
Respondent: Paul R. Moul

**COLUMBIA GAS OF KENTUCKY, INC.
RESPONSE TO ATTORNEY GENERAL'S FIRST
REQUEST FOR INFORMATION
DATED JULY 19, 2013**

257. Reference Mr. Paul's testimony in general and at page 5. For each member

of his proxy group of companies, state which ones have the following:

- a. The residential monthly customer bill and volumetric charge per Mcf;
 - b. The commercial monthly customer bill and volumetric charge per Mcf;
- and
- c. The industrial monthly customer bill and volumetric charge per Mcf.

Response:

This is not information that is readily available on Value Line which is the source for Paul R. Moul's selection of the utilities for the Gas Group used in his testimony.

KY PSC Case No. 2013-00167
Response to AG's Data Request Set One No. 258
Respondent: Paul R. Moul

**COLUMBIA GAS OF KENTUCKY, INC.
RESPONSE TO ATTORNEY GENERAL'S FIRST
REQUEST FOR INFORMATION
DATED JULY 19, 2013**

258. Confirm that, all else being equal, a mechanism that ultimately recovers lost sales will increase or at least stabilize revenue.

Response:

A mechanism that recovers lost sales will add stability to a utility's revenues.

KY PSC Case No. 2013-00167
Response to AG's Data Request Set One No. 259
Respondent: Paul R. Moul

**COLUMBIA GAS OF KENTUCKY, INC.
RESPONSE TO ATTORNEY GENERAL'S FIRST
REQUEST FOR INFORMATION
DATED JULY 19, 2013**

259. Confirm that a mechanism that increases or stabilizes revenues will enable a company to enhance or stabilize its profitability.

Response:

This is only partially true. The added stability of revenue cannot deal with changes in costs and capital recovery which have a significant impact on profitability. Indeed, stability in revenues can actually be a detriment if it precludes obtaining additional revenues that will cover cost increases and increasing capital investment.

KY PSC Case No. 2013-00167
Response to AG's Data Request Set One No. 260
Respondent: Paul R. Moul

**COLUMBIA GAS OF KENTUCKY, INC.
RESPONSE TO ATTORNEY GENERAL'S FIRST
REQUEST FOR INFORMATION
DATED JULY 19, 2013**

260. Confirm that a mechanism that enhances or stabilizes a company's profitability will lower its risk profile.

Response:

This would be true only if the mechanism that deals with revenues provides a direct correlation to profits. But as explained in Columbia's response to AG Data Request Set One No. 259, the impact of changing costs and capital investment may preclude this from happening.

KY PSC Case No. 2013-00167
Response to AG's Data Request Set One No. 261
Respondent: Paul R. Moul

**COLUMBIA GAS OF KENTUCKY, INC.
RESPONSE TO ATTORNEY GENERAL'S FIRST
REQUEST FOR INFORMATION
DATED JULY 19, 2013**

261. Confirm that a company with a lower risk profile is more attractive to lenders.

Response:

Yes.

KY PSC Case No. 2013-00167
Response to AG's Data Request Set One No. 262
Respondent: Paul.R. Moul

**COLUMBIA GAS OF KENTUCKY, INC.
RESPONSE TO ATTORNEY GENERAL'S FIRST
REQUEST FOR INFORMATION
DATED JULY 19, 2013**

262. Confirm that a company with a lower risk profile is more attractive to investors.

Response:

A company is more attractive only at a given level of risk. Investors will always seek to maximize their expected returns in light of their changing risk tolerance.

KY PSC Case No. 2013-00167
Response to AG's Data Request Set One No. 263
Respondent: Chad E. Notestone

**COLUMBIA GAS OF KENTUCKY, INC.
RESPONSE TO ATTORNEY GENERAL'S FIRST
REQUEST FOR INFORMATION
DATED JULY 19, 2013**

263. Please provide an executable electronic copy of the Company's proof of revenues at current and proposed rates.

Response:

Please see the file on the separate CD labeled "AG DR Set 1 No. 263 Attachment A.xlsx"

KY PSC Case No. 2013-00167
Response to AG's Data Request Set One No. 264
Respondent: Russell A. Feingold

**COLUMBIA GAS OF KENTUCKY, INC.
RESPONSE TO ATTORNEY GENERAL'S FIRST
REQUEST FOR INFORMATION
DATED JULY 19, 2013**

264. Please provide an executable electronic copy of Mr. Feingold's class revenue increase distribution calculations.

Response:

This information is provided in the form of an Excel file on a separate CD. The file is named "CKY 2013 Rate Case AG DR Set No. 1 264 Attachment A. xlsx."

KY PSC Case No. 2013-00167
Response to AG's Data Request Set One No. 265
Respondent: Russell A. Feingold

**COLUMBIA GAS OF KENTUCKY, INC.
RESPONSE TO ATTORNEY GENERAL'S FIRST
REQUEST FOR INFORMATION
DATED JULY 19, 2013**

265. Please provide an executable electronic copy (with all formulas intact) of the Gas Class Cost of Service Models used for purposes of this case.

Response:

This information is CONFIDENTIAL. The following computer files will be made available to parties who have executed a Confidentiality Agreement with Columbia.

KY PSC Case No. 2013-00167
Response to AG's Data Request Set One No. 266
Respondent: Russell A. Feingold

**COLUMBIA GAS OF KENTUCKY, INC.
RESPONSE TO ATTORNEY GENERAL'S FIRST
REQUEST FOR INFORMATION
DATED JULY 19, 2013**

266. With regard to Schedule 4 of Company witness Feingold, please provide all workpapers, spreadsheets, source documents, calculations, etc. that show how each of the external allocation factors designated "EXT" was determined for the Design Day (Pages 5 through 10) and the Peak & Average (Pages 11 through 16) cost of service studies. Please provide in executable electronic format as well as in hardcopy.

Response:

Please refer to the attached files on the separate CD labeled "COLUMBIA COS Datasheet.xlsx", and "COLUMBIA Account 376 Mains - Zero Intercept.xlsx." Mr. Feingold's workpapers have been provided in hardcopy under Tab 59 of Columbia's application.

**COLUMBIA GAS OF KENTUCKY, INC.
RESPONSE TO ATTORNEY GENERAL'S FIRST
REQUEST FOR INFORMATION
DATED JULY 19, 2013**

267. Please provide a table with the following information by rate schedule/class for each of the last five years (annual):

- a. uncollectible write-off; and,
- b. total rate revenue (including all surcharges and gas costs).

Response:

- a. Write-offs by rate schedule are not available.
- b. Please refer to the table below.

| <u>Rate Schedule</u> | <u>2008</u> | <u>2009</u> | <u>2010</u> | <u>2011</u> | <u>2012</u> |
|------------------------|-------------|-------------|-------------|-------------|-------------|
| | \$ | \$ | \$ | \$ | \$ |
| Sales Customers | | | | | |
| Residential | | | | | |
| GSR | 108,188,635 | 88,347,707 | 65,157,211 | 69,717,001 | 54,678,014 |
| G1R | 31,096 | 27,397 | 18,124 | 18,005 | 13,542 |
| IN3 | 647 | 520 | 518 | 419 | 352 |
| IN4 | 67 | 59 | 62 | 63 | 61 |
| IN5 | 469 | 450 | 443 | 395 | 281 |

| | | | | | |
|--------------------------|------------|------------|------------|------------|------------|
| LG2 | 237 | 213 | 202 | 267 | 183 |
| LG3 | 185 | 222 | 212 | 210 | 162 |
| LG4 | 113 | 110 | 123 | 118 | (197) |
| Commercial | | | | | |
| G1C | 76,888 | 60,441 | 30,446 | 26,334 | 16,274 |
| IN3 | 24 | 18 | 19 | 22 | 21 |
| LG2 | 343 | 303 | 352 | 367 | 262 |
| GSO | 59,661,483 | 47,382,710 | 30,831,204 | 30,380,461 | 21,886,819 |
| Industrial | | | | | |
| GSO | 2,353,305 | 1,512,211 | 1,190,671 | 1,004,436 | 1,146,214 |
| IS | - | - | 18,621 | 196,800 | 199,230 |
| Public Utilities | | | | | |
| IUS | 254,639 | 179,513 | 118,674 | 111,939 | 68,830 |
| Transportation Customers | | | | | |
| Residential | | | | | |
| GTR | 6,968,680 | 8,048,620 | 8,283,441 | 8,755,397 | 8,248,698 |
| Commercial | | | | | |
| GTO | 3,595,137 | 3,851,225 | 3,742,137 | 4,470,491 | 4,535,547 |
| DS | 1,006,987 | 1,011,333 | 1,015,744 | 1,040,561 | 1,023,510 |
| GDS | 448,025 | 408,160 | 380,192 | 367,622 | 391,133 |
| FX1 | 136,239 | 142,484 | 76,013 | 67,965 | 115,209 |
| FX2 | 8,080 | 13,440 | 19,351 | 25,117 | 11,500 |
| SAS | 31,681 | 33,445 | 32,749 | 32,533 | 35,881 |
| SC2 | 157,599 | 218,902 | 255,097 | 152,078 | - |
| Industrial | | | | | |
| GTO | 64,590 | 48,577 | 69,662 | 92,271 | 84,228 |
| DS | 3,440,834 | 3,030,765 | 3,054,952 | 2,881,446 | 2,912,823 |

| | | | | | |
|--------------|--------------------|--------------------|--------------------|--------------------|-------------------|
| GDS | 207,855 | 302,914 | 374,349 | 383,865 | 387,278 |
| DS3 | 22,709 | 24,240 | 21,731 | 21,633 | 69,272 |
| FX4 | 24,258 | 20,694 | 17,410 | - | - |
| FX5 | 492,547 | 362,822 | 378,664 | 337,672 | 352,492 |
| FX6 | 32,771 | 45,404 | 51,602 | 52,974 | - |
| FX7 | 197,160 | 181,101 | 171,362 | 185,454 | 184,566 |
| FX8 | 12,034 | 51,125 | 54,314 | 54,427 | 23,289 |
| SC3 | 719,002 | 639,295 | 835,569 | 909,260 | 953,673 |
| Total | <u>188,134,319</u> | <u>155,946,420</u> | <u>116,201,222</u> | <u>121,287,604</u> | <u>97,339,151</u> |

**COLUMBIA GAS OF KENTUCKY, INC.
RESPONSE TO ATTORNEY GENERAL'S FIRST
REQUEST FOR INFORMATION
DATED JULY 19, 2013**

268. With respect to Company Workpapers WPM-B, WPM-C, and WPM-D, please provide the following in executable electronic format:
- a. a narrative explanation of the Company's forecasting approach and method; and,
 - b. all workpapers, source documents, calculations, etc. that show how the Company determined the forecasted amounts for each of the rate schedules.

Response:

- a. Forecasted volumes are first determined on a total company by customer class by type of service (sales/Choice transportation/non-Choice transportation) by month in the company's forecast model supported by company witness Gresham (please see AG-1-268 Attachment A). Please refer to the direct testimony of Columbia witness Gresham for a description of Columbia's forecasting approach and methodology.

Large Commercial and Industrial customers included in the total company forecast are forecasted on a grass roots basis by Columbia's Large Customer Relations (LCR) department on a month by month, customer by customer basis. AG-1-268 Attachment B is a summary of these customers by type of service by rate schedule by customer class by month. Columbia calls these "Large Customer Projections".

Total Company Forecast minus Large Customer Projections leaves Small or "all other" forecast. Columbia uses historic actual physical flow volumes and customer counts by month by rate schedule by type of service to spread the "all other" forecast for the residential customer class. Columbia used historic actual physical flow volumes and customer counts by month by customer by type of service to spread the "all other" forecast for the commercial and industrial classes. Please see Columbia's response to AG 1-268 Attachment C for actual physical flow volumes and customer counts summarized by month by customer class by rate schedule by type of service (DIS Billed Tariff Sales, DIS Billed Choice Transportation, GMB Billed Tariff Sales, GMB Billed Choice Transportation, and (non-Choice) Transportation) for the twelve months ending February 28, 2013 (most recent 12 months of actual data available at the time of filing this case).

AG-1-268 Attachment D shows the total company forecast (column a) minus large customer projections (column b) results in small or "all other" forecast (column C). Actual Physical Flow volumes by customer (column D) and Actual Physical flow volumes by rate schedule (column E) are used to spread the small forecast (column C) to either projected small by customer (column G) or projected small by rate schedule (column H). This is performed for each type of service listed above.

The mainframe computer proportionately allocates projected total small customer's volumes from column H for the residential class down to the rate schedule level based off the proportion of the rate schedule to total type of service for the "small customer's rate schedules".

The mainframe computer proportionately allocates projected total small customer's volumes from column H for the commercial and industrial classes down to the rate schedule level based off the proportion of the individual customer to total type of service for the "small customers".

For the residential class, a summary of rate schedules by month is shown in AG-1-268 Attachment E for DIS billed tariff sales and AG-1-268 Attachment F for DIS billed Choice Transportation.

For the commercial and industrial customer classes, all forecasted customers were summarized on a customer by customer month by month basis to the rate schedule and by total type of service shown in AG-1-268 Attachment G for GMB billed tariff sales, AG-1-268 Attachment H for GMB billed Choice Transportation, and AG-1-268 Attachment I for non-Choice Transportation service. For the commercial and industrial class customers, bill frequencies by rate block were created on customer by customer month by month bases. As described above, the commercial and industrial accounts are forecasted down to the customer level. Therefore a bill frequency can be created directly from the forecasted billing determinants to determine usage by rate block.

Below is a hypothetical example of the calculations made for every customer for every month:

| Assuming the following | <u>Amount</u> |
|--|---------------|
| Total. Co. Forecasted Industrial Volumes | 1,000 |
| Sum of Large Customer's Forecasted Volumes | <u>600</u> |
| Small or "all other" Customer's Forecasted Volumes | 400 |
| | |
| Total Co. Actual Physical flow Industrial Volumes | 800 |
| Sum of Large Customer's Actual Physical flow Volumes | <u>600</u> |
| Sum of Small Customer's Actual Physical flow Volumes | 200 |

| | |
|--|-----------|
| Small Customer #1 Actual Physical Flow Volumes | 150 |
| Small Customer #2 Actual Physical Flow Volumes | <u>50</u> |
| Total of Small Customer's Actual Physical flow Volumes | 200 |

Mainframe Calculation

| | |
|--|-----|
| Small Customer #1 Actual Physical Flow Volumes | 150 |
| Total of Small Customer's Actual Physical flow Volumes | 200 |
| Percent Customer #1 (150 / 200) | 75% |
| Percent Customer #1 (150 / 200) | 75% |
| Small or "all other" Customer's Forecasted Volumes | 400 |
| Small Customer #1 Forecasted Volumes (75% x 400) | 300 |

During the 2014 rate year some large customers are expected to deviate from the historic test year volumes or account status (see workpaper WPM-D.2). Those customers are shown in AG-1-268 Attachment J. There are three groups: 1) New customers whose usage will be greater than what was originally forecasted, 2) existing customers whose usage will materially change, and 3) existing customers that are expected to no longer be active during the future test year.

Customers receiving a final bill are coded as inactive in Columbia's billing system. Columbia bills a monthly customer charge to the customer on the final bill. Therefore final bill counts are added to active customer

counts to determine Customer Charge revenue (see Workpaper WPM-B.2). See AG-1-268 Attachment K for final bill counts from Columbia's billing system.

Please also refer to pages 3 through 9 of Columbia witness Notestone's direct testimony.

- (b). Please see the attached electronic workpapers and supporting documents for WPM-B, WPM-C, WPM-D provided in Columbia's response to AG data request number 1-271 and attachments to this request labeled AG-1-268 Attachments A - K. Attachments A - K are generated from Columbia's mainframe computer and, therefore, are not available in executable electronic format.

COLUMBIA GAS OF KENTUCKY, INC.
 ACTUAL DIS BILLED TARIFF SALES SUMMARY
 FOR THE TWELVE MONTHS ENDED 2/2013

TOTAL COMPANY SUMMARY

| MONTH | RESIDENTIAL | COMMERCIAL | OTHER | ELEC GEN | TOTAL |
|------------------|-------------|------------|-------|----------|-------------|
| <u>BILLS</u> | | | | | |
| JANUARY | 94917. | 0. | 0. | 0. | 94917. |
| FEBRUARY | 95248. | 0. | 0. | 0. | 95248. |
| MARCH | 93634. | 0. | 0. | 0. | 93634. |
| APRIL | 92922. | 0. | 0. | 0. | 92922. |
| MAY | 92394. | 0. | 0. | 0. | 92394. |
| JUNE | 91873. | 0. | 0. | 0. | 91873. |
| JULY | 91499. | 0. | 0. | 0. | 91499. |
| AUGUST | 91316. | 0. | 0. | 0. | 91316. |
| SEPTEMBER | 91399. | 0. | 0. | 0. | 91399. |
| OCTOBER | 92130. | 0. | 0. | 0. | 92130. |
| NOVEMBER | 93228. | 0. | 0. | 0. | 93228. |
| DECEMBER | 94308. | 0. | 0. | 0. | 94308. |
| TOTAL | 1114868. | 0. | 0. | 0. | 1114868. |
| <u>MCF SALES</u> | | | | | |
| JANUARY | 1280250.2 | 0.0 | 0.0 | 0.0 | 1280250.2 |
| FEBRUARY | 1275020.2 | 0.0 | 0.0 | 0.0 | 1275020.2 |
| MARCH | 781382.6 | 0.0 | 0.0 | 0.0 | 781382.6 |
| APRIL | 297202.1 | 0.0 | 0.0 | 0.0 | 297202.1 |
| MAY | 220507.7 | 0.0 | 0.0 | 0.0 | 220507.7 |
| JUNE | 110679.8 | 0.0 | 0.0 | 0.0 | 110679.8 |
| JULY | 92935.7 | 0.0 | 0.0 | 0.0 | 92935.7 |
| AUGUST | 83574.4 | 0.0 | 0.0 | 0.0 | 83574.4 |
| SEPTEMBER | 93652.6 | 0.0 | 0.0 | 0.0 | 93652.6 |
| OCTOBER | 164118.5 | 0.0 | 0.0 | 0.0 | 164118.5 |
| NOVEMBER | 495224.2 | 0.0 | 0.0 | 0.0 | 495224.2 |
| DECEMBER | 843547.0 | 0.0 | 0.0 | 0.0 | 843547.0 |
| TOTAL | 5738095.0 | 0.0 | 0.0 | 0.0 | 5738095.0 |
| <u>REVENUE</u> | | | | | |
| JANUARY | 9425488.27 | 0.00 | 0.00 | 0.00 | 9425488.27 |
| FEBRUARY | 9176273.22 | 0.00 | 0.00 | 0.00 | 9176273.22 |
| MARCH | 7550838.90 | 0.00 | 0.00 | 0.00 | 7550838.90 |
| APRIL | 3858306.13 | 0.00 | 0.00 | 0.00 | 3858306.13 |
| MAY | 2974714.95 | 0.00 | 0.00 | 0.00 | 2974714.95 |
| JUNE | 1952448.12 | 0.00 | 0.00 | 0.00 | 1952448.12 |
| JULY | 1852795.57 | 0.00 | 0.00 | 0.00 | 1852795.57 |
| AUGUST | 1798269.28 | 0.00 | 0.00 | 0.00 | 1798269.28 |
| SEPTEMBER | 1832349.58 | 0.00 | 0.00 | 0.00 | 1832349.58 |
| OCTOBER | 2228865.12 | 0.00 | 0.00 | 0.00 | 2228865.12 |
| NOVEMBER | 4064945.39 | 0.00 | 0.00 | 0.00 | 4064945.39 |
| DECEMBER | 6681891.32 | 0.00 | 0.00 | 0.00 | 6681891.32 |
| TOTAL | 53397185.85 | 0.00 | 0.00 | 0.00 | 53397185.85 |

COLUMBIA GAS OF KENTUCKY, INC.
 ACTUAL DIS BILLED TARIFF SALES SUMMARY
 FOR THE TWELVE MONTHS ENDED 2/2013

GSR DIS BILLED RATE SCHEDULE - RESIDENTIAL SERVICE

| MONTH | RESIDENTIAL | COMMERCIAL | OTHER | ELEC GEN | TOTAL |
|------------------|-------------|------------|-------|----------|-------------|
| <u>BILLS</u> | | | | | |
| JANUARY | 94885. | 0. | 0. | 0. | 94885. |
| FEBRUARY | 95216. | 0. | 0. | 0. | 95216. |
| MARCH | 93600. | 0. | 0. | 0. | 93600. |
| APRIL | 92888. | 0. | 0. | 0. | 92888. |
| MAY | 92360. | 0. | 0. | 0. | 92360. |
| JUNE | 91839. | 0. | 0. | 0. | 91839. |
| JULY | 91465. | 0. | 0. | 0. | 91465. |
| AUGUST | 91282. | 0. | 0. | 0. | 91282. |
| SEPTEMBER | 91365. | 0. | 0. | 0. | 91365. |
| OCTOBER | 92097. | 0. | 0. | 0. | 92097. |
| NOVEMBER | 93195. | 0. | 0. | 0. | 93195. |
| DECEMBER | 94276. | 0. | 0. | 0. | 94276. |
| TOTAL | 1114468. | 0. | 0. | 0. | 1114468. |
| <u>MCF SALES</u> | | | | | |
| JANUARY | 1279295.6 | 0.0 | 0.0 | 0.0 | 1279295.6 |
| FEBRUARY | 1274176.2 | 0.0 | 0.0 | 0.0 | 1274176.2 |
| MARCH | 780879.4 | 0.0 | 0.0 | 0.0 | 780879.4 |
| APRIL | 296923.4 | 0.0 | 0.0 | 0.0 | 296923.4 |
| MAY | 220339.2 | 0.0 | 0.0 | 0.0 | 220339.2 |
| JUNE | 110597.5 | 0.0 | 0.0 | 0.0 | 110597.5 |
| JULY | 92862.0 | 0.0 | 0.0 | 0.0 | 92862.0 |
| AUGUST | 83520.3 | 0.0 | 0.0 | 0.0 | 83520.3 |
| SEPTEMBER | 93583.5 | 0.0 | 0.0 | 0.0 | 93583.5 |
| OCTOBER | 163924.0 | 0.0 | 0.0 | 0.0 | 163924.0 |
| NOVEMBER | 494740.7 | 0.0 | 0.0 | 0.0 | 494740.7 |
| DECEMBER | 842917.2 | 0.0 | 0.0 | 0.0 | 842917.2 |
| TOTAL | 5733759.0 | 0.0 | 0.0 | 0.0 | 5733759.0 |
| <u>REVENUE</u> | | | | | |
| JANUARY | 9422758.97 | 0.00 | 0.00 | 0.00 | 9422758.97 |
| FEBRUARY | 9173827.73 | 0.00 | 0.00 | 0.00 | 9173827.73 |
| MARCH | 7548900.54 | 0.00 | 0.00 | 0.00 | 7548900.54 |
| APRIL | 3857324.97 | 0.00 | 0.00 | 0.00 | 3857324.97 |
| MAY | 2973966.29 | 0.00 | 0.00 | 0.00 | 2973966.29 |
| JUNE | 1952071.05 | 0.00 | 0.00 | 0.00 | 1952071.05 |
| JULY | 1852346.38 | 0.00 | 0.00 | 0.00 | 1852346.38 |
| AUGUST | 1797935.04 | 0.00 | 0.00 | 0.00 | 1797935.04 |
| SEPTEMBER | 1831969.76 | 0.00 | 0.00 | 0.00 | 1831969.76 |
| OCTOBER | 2228292.40 | 0.00 | 0.00 | 0.00 | 2228292.40 |
| NOVEMBER | 4063602.76 | 0.00 | 0.00 | 0.00 | 4063602.76 |
| DECEMBER | 6680038.50 | 0.00 | 0.00 | 0.00 | 6680038.50 |
| TOTAL | 53383034.39 | 0.00 | 0.00 | 0.00 | 53383034.39 |

COLUMBIA GAS OF KENTUCKY, INC.
 ACTUAL DIS BILLED TARIFF SALES SUMMARY
 FOR THE TWELVE MONTHS ENDED 2/2013

G1R DIS BILLED RATE SCHEDULE - RESIDENTIAL LG&E

| MONTH | RESIDENTIAL | COMMERCIAL | OTHER | ELEC GEN | TOTAL |
|------------------|-------------|------------|-------|----------|----------|
| <u>BILLS</u> | | | | | |
| JANUARY | 16. | 0. | 0. | 0. | 16. |
| FEBRUARY | 16. | 0. | 0. | 0. | 16. |
| MARCH | 17. | 0. | 0. | 0. | 17. |
| APRIL | 17. | 0. | 0. | 0. | 17. |
| MAY | 17. | 0. | 0. | 0. | 17. |
| JUNE | 17. | 0. | 0. | 0. | 17. |
| JULY | 17. | 0. | 0. | 0. | 17. |
| AUGUST | 17. | 0. | 0. | 0. | 17. |
| SEPTEMBER | 17. | 0. | 0. | 0. | 17. |
| OCTOBER | 16. | 0. | 0. | 0. | 16. |
| NOVEMBER | 16. | 0. | 0. | 0. | 16. |
| DECEMBER | 16. | 0. | 0. | 0. | 16. |
| TOTAL | 199. | 0. | 0. | 0. | 199. |
| <u>MCF SALES</u> | | | | | |
| JANUARY | 382.1 | 0.0 | 0.0 | 0.0 | 382.1 |
| FEBRUARY | 356.9 | 0.0 | 0.0 | 0.0 | 356.9 |
| MARCH | 215.0 | 0.0 | 0.0 | 0.0 | 215.0 |
| APRIL | 87.6 | 0.0 | 0.0 | 0.0 | 87.6 |
| MAY | 69.6 | 0.0 | 0.0 | 0.0 | 69.6 |
| JUNE | 28.2 | 0.0 | 0.0 | 0.0 | 28.2 |
| JULY | 37.6 | 0.0 | 0.0 | 0.0 | 37.6 |
| AUGUST | 21.6 | 0.0 | 0.0 | 0.0 | 21.6 |
| SEPTEMBER | 29.4 | 0.0 | 0.0 | 0.0 | 29.4 |
| OCTOBER | 50.6 | 0.0 | 0.0 | 0.0 | 50.6 |
| NOVEMBER | 181.4 | 0.0 | 0.0 | 0.0 | 181.4 |
| DECEMBER | 249.9 | 0.0 | 0.0 | 0.0 | 249.9 |
| TOTAL | 1709.9 | 0.0 | 0.0 | 0.0 | 1709.9 |
| <u>REVENUE</u> | | | | | |
| JANUARY | 2493.24 | 0.00 | 0.00 | 0.00 | 2493.24 |
| FEBRUARY | 2241.22 | 0.00 | 0.00 | 0.00 | 2241.22 |
| MARCH | 1811.56 | 0.00 | 0.00 | 0.00 | 1811.56 |
| APRIL | 901.68 | 0.00 | 0.00 | 0.00 | 901.68 |
| MAY | 703.58 | 0.00 | 0.00 | 0.00 | 703.58 |
| JUNE | 352.31 | 0.00 | 0.00 | 0.00 | 352.31 |
| JULY | 432.80 | 0.00 | 0.00 | 0.00 | 432.80 |
| AUGUST | 319.50 | 0.00 | 0.00 | 0.00 | 319.50 |
| SEPTEMBER | 361.99 | 0.00 | 0.00 | 0.00 | 361.99 |
| OCTOBER | 513.06 | 0.00 | 0.00 | 0.00 | 513.06 |
| NOVEMBER | 1216.52 | 0.00 | 0.00 | 0.00 | 1216.52 |
| DECEMBER | 1694.36 | 0.00 | 0.00 | 0.00 | 1694.36 |
| TOTAL | 13041.82 | 0.00 | 0.00 | 0.00 | 13041.82 |

COLUMBIA GAS OF KENTUCKY, INC.
 ACTUAL DIS BILLED TARIFF SALES SUMMARY
 FOR THE TWELVE MONTHS ENDED 2/2013

IN3 DIS BILLED RATE SCHEDULE - INLAND/CKY GENERAL SERVICE

| MONTH | RESIDENTIAL | COMMERCIAL | OTHER | ELEC GEN | TOTAL |
|------------------|--------------|-------------|-------------|-------------|--------------|
| <u>BILLS</u> | | | | | |
| JANUARY | 9. | 0. | 0. | 0. | 9. |
| FEBRUARY | 9. | 0. | 0. | 0. | 9. |
| MARCH | 9. | 0. | 0. | 0. | 9. |
| APRIL | 9. | 0. | 0. | 0. | 9. |
| MAY | 9. | 0. | 0. | 0. | 9. |
| JUNE | 9. | 0. | 0. | 0. | 9. |
| JULY | 9. | 0. | 0. | 0. | 9. |
| AUGUST | 9. | 0. | 0. | 0. | 9. |
| SEPTEMBER | 9. | 0. | 0. | 0. | 9. |
| OCTOBER | 9. | 0. | 0. | 0. | 9. |
| NOVEMBER | 9. | 0. | 0. | 0. | 9. |
| DECEMBER | 9. | 0. | 0. | 0. | 9. |
| TOTAL | <u>108.</u> | <u>0.</u> | <u>0.</u> | <u>0.</u> | <u>108.</u> |
| <u>MCF SALES</u> | | | | | |
| JANUARY | 187.9 | 0.0 | 0.0 | 0.0 | 187.9 |
| FEBRUARY | 182.9 | 0.0 | 0.0 | 0.0 | 182.9 |
| MARCH | 100.0 | 0.0 | 0.0 | 0.0 | 100.0 |
| APRIL | 52.0 | 0.0 | 0.0 | 0.0 | 52.0 |
| MAY | 37.7 | 0.0 | 0.0 | 0.0 | 37.7 |
| JUNE | 20.4 | 0.0 | 0.0 | 0.0 | 20.4 |
| JULY | 13.6 | 0.0 | 0.0 | 0.0 | 13.6 |
| AUGUST | 12.0 | 0.0 | 0.0 | 0.0 | 12.0 |
| SEPTEMBER | 15.9 | 0.0 | 0.0 | 0.0 | 15.9 |
| OCTOBER | 41.7 | 0.0 | 0.0 | 0.0 | 41.7 |
| NOVEMBER | 95.2 | 0.0 | 0.0 | 0.0 | 95.2 |
| DECEMBER | <u>134.5</u> | <u>0.0</u> | <u>0.0</u> | <u>0.0</u> | <u>134.5</u> |
| TOTAL | 893.8 | 0.0 | 0.0 | 0.0 | 893.8 |
| <u>REVENUE</u> | | | | | |
| JANUARY | 77.56 | 0.00 | 0.00 | 0.00 | 77.56 |
| FEBRUARY | 75.47 | 0.00 | 0.00 | 0.00 | 75.47 |
| MARCH | 41.41 | 0.00 | 0.00 | 0.00 | 41.41 |
| APRIL | 21.47 | 0.00 | 0.00 | 0.00 | 21.47 |
| MAY | 15.57 | 0.00 | 0.00 | 0.00 | 15.57 |
| JUNE | 8.42 | 0.00 | 0.00 | 0.00 | 8.42 |
| JULY | 5.61 | 0.00 | 0.00 | 0.00 | 5.61 |
| AUGUST | 4.95 | 0.00 | 0.00 | 0.00 | 4.95 |
| SEPTEMBER | 6.55 | 0.00 | 0.00 | 0.00 | 6.55 |
| OCTOBER | 17.21 | 0.00 | 0.00 | 0.00 | 17.21 |
| NOVEMBER | 39.28 | 0.00 | 0.00 | 0.00 | 39.28 |
| DECEMBER | <u>55.51</u> | <u>0.00</u> | <u>0.00</u> | <u>0.00</u> | <u>55.51</u> |
| TOTAL | 369.01 | 0.00 | 0.00 | 0.00 | 369.01 |

COLUMBIA GAS OF KENTUCKY, INC.
 ACTUAL DIS BILLED TARIFF SALES SUMMARY
 FOR THE TWELVE MONTHS ENDED 2/2013

IN4 DIS BILLED RATE SCHEDULE - INLAND/CKY GENERAL SERVICE

| MONTH | RESIDENTIAL | COMMERCIAL | OTHER | ELEC GEN | TOTAL |
|------------------|--------------|-------------|-------------|-------------|--------------|
| <u>BILLS</u> | | | | | |
| JANUARY | 1. | 0. | 0. | 0. | 1. |
| FEBRUARY | 1. | 0. | 0. | 0. | 1. |
| MARCH | 1. | 0. | 0. | 0. | 1. |
| APRIL | 1. | 0. | 0. | 0. | 1. |
| MAY | 1. | 0. | 0. | 0. | 1. |
| JUNE | 1. | 0. | 0. | 0. | 1. |
| JULY | 1. | 0. | 0. | 0. | 1. |
| AUGUST | 1. | 0. | 0. | 0. | 1. |
| SEPTEMBER | 1. | 0. | 0. | 0. | 1. |
| OCTOBER | 1. | 0. | 0. | 0. | 1. |
| NOVEMBER | 1. | 0. | 0. | 0. | 1. |
| DECEMBER | 1. | 0. | 0. | 0. | 1. |
| TOTAL | <u>12.</u> | <u>0.</u> | <u>0.</u> | <u>0.</u> | <u>12.</u> |
| <u>MCF SALES</u> | | | | | |
| JANUARY | 20.0 | 0.0 | 0.0 | 0.0 | 20.0 |
| FEBRUARY | 17.5 | 0.0 | 0.0 | 0.0 | 17.5 |
| MARCH | 11.7 | 0.0 | 0.0 | 0.0 | 11.7 |
| APRIL | 8.3 | 0.0 | 0.0 | 0.0 | 8.3 |
| MAY | 6.5 | 0.0 | 0.0 | 0.0 | 6.5 |
| JUNE | 4.5 | 0.0 | 0.0 | 0.0 | 4.5 |
| JULY | 3.5 | 0.0 | 0.0 | 0.0 | 3.5 |
| AUGUST | 1.8 | 0.0 | 0.0 | 0.0 | 1.8 |
| SEPTEMBER | 3.0 | 0.0 | 0.0 | 0.0 | 3.0 |
| OCTOBER | 6.1 | 0.0 | 0.0 | 0.0 | 6.1 |
| NOVEMBER | 11.2 | 0.0 | 0.0 | 0.0 | 11.2 |
| DECEMBER | 14.9 | 0.0 | 0.0 | 0.0 | 14.9 |
| TOTAL | <u>109.0</u> | <u>0.0</u> | <u>0.0</u> | <u>0.0</u> | <u>109.0</u> |
| <u>REVENUE</u> | | | | | |
| JANUARY | 11.25 | 0.00 | 0.00 | 0.00 | 11.25 |
| FEBRUARY | 9.85 | 0.00 | 0.00 | 0.00 | 9.85 |
| MARCH | 6.61 | 0.00 | 0.00 | 0.00 | 6.61 |
| APRIL | 4.68 | 0.00 | 0.00 | 0.00 | 4.68 |
| MAY | 3.66 | 0.00 | 0.00 | 0.00 | 3.66 |
| JUNE | 2.54 | 0.00 | 0.00 | 0.00 | 2.54 |
| JULY | 1.97 | 0.00 | 0.00 | 0.00 | 1.97 |
| AUGUST | 1.01 | 0.00 | 0.00 | 0.00 | 1.01 |
| SEPTEMBER | 1.69 | 0.00 | 0.00 | 0.00 | 1.69 |
| OCTOBER | 3.44 | 0.00 | 0.00 | 0.00 | 3.44 |
| NOVEMBER | 6.30 | 0.00 | 0.00 | 0.00 | 6.30 |
| DECEMBER | 8.39 | 0.00 | 0.00 | 0.00 | 8.39 |
| TOTAL | <u>61.39</u> | <u>0.00</u> | <u>0.00</u> | <u>0.00</u> | <u>61.39</u> |

COLUMBIA GAS OF KENTUCKY, INC.
 ACTUAL DIS BILLED TARIFF SALES SUMMARY
 FOR THE TWELVE MONTHS ENDED 2/2013

IN5 DIS BILLED RATE SCHEDULE - INLAND/GENERAL SERVICE

| MONTH | RESIDENTIAL | COMMERCIAL | OTHER | ELEG GEN | TOTAL |
|------------------|-------------|------------|-------|----------|--------|
| <u>BILLS</u> | | | | | |
| JANUARY | 3. | 0. | 0. | 0. | 3. |
| FEBRUARY | 3. | 0. | 0. | 0. | 3. |
| MARCH | 4. | 0. | 0. | 0. | 4. |
| APRIL | 4. | 0. | 0. | 0. | 4. |
| MAY | 4. | 0. | 0. | 0. | 4. |
| JUNE | 4. | 0. | 0. | 0. | 4. |
| JULY | 4. | 0. | 0. | 0. | 4. |
| AUGUST | 4. | 0. | 0. | 0. | 4. |
| SEPTEMBER | 4. | 0. | 0. | 0. | 4. |
| OCTOBER | 4. | 0. | 0. | 0. | 4. |
| NOVEMBER | 4. | 0. | 0. | 0. | 4. |
| DECEMBER | 3. | 0. | 0. | 0. | 3. |
| TOTAL | 45. | 0. | 0. | 0. | 45. |
| <u>MCF SALES</u> | | | | | |
| JANUARY | 61.9 | 0.0 | 0.0 | 0.0 | 61.9 |
| FEBRUARY | 58.1 | 0.0 | 0.0 | 0.0 | 58.1 |
| MARCH | 55.4 | 0.0 | 0.0 | 0.0 | 55.4 |
| APRIL | 23.8 | 0.0 | 0.0 | 0.0 | 23.8 |
| MAY | 21.8 | 0.0 | 0.0 | 0.0 | 21.8 |
| JUNE | 9.3 | 0.0 | 0.0 | 0.0 | 9.3 |
| JULY | 6.9 | 0.0 | 0.0 | 0.0 | 6.9 |
| AUGUST | 5.9 | 0.0 | 0.0 | 0.0 | 5.9 |
| SEPTEMBER | 6.1 | 0.0 | 0.0 | 0.0 | 6.1 |
| OCTOBER | 17.3 | 0.0 | 0.0 | 0.0 | 17.3 |
| NOVEMBER | 39.1 | 0.0 | 0.0 | 0.0 | 39.1 |
| DECEMBER | 43.5 | 0.0 | 0.0 | 0.0 | 43.5 |
| TOTAL | 349.1 | 0.0 | 0.0 | 0.0 | 349.1 |
| <u>REVENUE</u> | | | | | |
| JANUARY | 37.93 | 0.00 | 0.00 | 0.00 | 37.93 |
| FEBRUARY | 35.60 | 0.00 | 0.00 | 0.00 | 35.60 |
| MARCH | 34.01 | 0.00 | 0.00 | 0.00 | 34.01 |
| APRIL | 14.58 | 0.00 | 0.00 | 0.00 | 14.58 |
| MAY | 13.35 | 0.00 | 0.00 | 0.00 | 13.35 |
| JUNE | 5.70 | 0.00 | 0.00 | 0.00 | 5.70 |
| JULY | 4.23 | 0.00 | 0.00 | 0.00 | 4.23 |
| AUGUST | 3.63 | 0.00 | 0.00 | 0.00 | 3.63 |
| SEPTEMBER | 3.74 | 0.00 | 0.00 | 0.00 | 3.74 |
| OCTOBER | 10.60 | 0.00 | 0.00 | 0.00 | 10.60 |
| NOVEMBER | 23.95 | 0.00 | 0.00 | 0.00 | 23.95 |
| DECEMBER | 26.66 | 0.00 | 0.00 | 0.00 | 26.66 |
| TOTAL | 213.98 | 0.00 | 0.00 | 0.00 | 213.98 |

COLUMBIA GAS OF KENTUCKY, INC.
 ACTUAL DIS BILLED TARIFF SALES SUMMARY
 FOR THE TWELVE MONTHS ENDED 2/2013

LG2 DIS BILLED RATE SCHEDULE - RESIDENTIAL/COMMERCIAL

| <u>MONTH</u> | <u>RESIDENTIAL</u> | <u>COMMERCIAL</u> | <u>OTHER</u> | <u>ELEC GEN</u> | <u>TOTAL</u> |
|------------------|--------------------|-------------------|--------------|-----------------|---------------|
| <u>BILLS</u> | | | | | |
| JANUARY | 1. | 0. | 0. | 0. | 1. |
| FEBRUARY | 1. | 0. | 0. | 0. | 1. |
| MARCH | 1. | 0. | 0. | 0. | 1. |
| APRIL | 1. | 0. | 0. | 0. | 1. |
| MAY | 1. | 0. | 0. | 0. | 1. |
| JUNE | 1. | 0. | 0. | 0. | 1. |
| JULY | 1. | 0. | 0. | 0. | 1. |
| AUGUST | 1. | 0. | 0. | 0. | 1. |
| SEPTEMBER | 1. | 0. | 0. | 0. | 1. |
| OCTOBER | 1. | 0. | 0. | 0. | 1. |
| NOVEMBER | 1. | 0. | 0. | 0. | 1. |
| DECEMBER | 1. | 0. | 0. | 0. | 1. |
| TOTAL | <u>12.</u> | <u>0.</u> | <u>0.</u> | <u>0.</u> | <u>12.</u> |
| <u>MCF SALES</u> | | | | | |
| JANUARY | 140.2 | 0.0 | 0.0 | 0.0 | 140.2 |
| FEBRUARY | 115.8 | 0.0 | 0.0 | 0.0 | 115.8 |
| MARCH | 51.6 | 0.0 | 0.0 | 0.0 | 51.6 |
| APRIL | 31.8 | 0.0 | 0.0 | 0.0 | 31.8 |
| MAY | 6.1 | 0.0 | 0.0 | 0.0 | 6.1 |
| JUNE | 2.3 | 0.0 | 0.0 | 0.0 | 2.3 |
| JULY | 2.2 | 0.0 | 0.0 | 0.0 | 2.2 |
| AUGUST | 2.0 | 0.0 | 0.0 | 0.0 | 2.0 |
| SEPTEMBER | 2.1 | 0.0 | 0.0 | 0.0 | 2.1 |
| OCTOBER | 26.4 | 0.0 | 0.0 | 0.0 | 26.4 |
| NOVEMBER | 73.2 | 0.0 | 0.0 | 0.0 | 73.2 |
| DECEMBER | 83.2 | 0.0 | 0.0 | 0.0 | 83.2 |
| TOTAL | <u>536.9</u> | <u>0.0</u> | <u>0.0</u> | <u>0.0</u> | <u>536.9</u> |
| <u>REVENUE</u> | | | | | |
| JANUARY | 49.07 | 0.00 | 0.00 | 0.00 | 49.07 |
| FEBRUARY | 40.53 | 0.00 | 0.00 | 0.00 | 40.53 |
| MARCH | 18.06 | 0.00 | 0.00 | 0.00 | 18.06 |
| APRIL | 11.13 | 0.00 | 0.00 | 0.00 | 11.13 |
| MAY | 2.14 | 0.00 | 0.00 | 0.00 | 2.14 |
| JUNE | 0.81 | 0.00 | 0.00 | 0.00 | 0.81 |
| JULY | 0.77 | 0.00 | 0.00 | 0.00 | 0.77 |
| AUGUST | 0.70 | 0.00 | 0.00 | 0.00 | 0.70 |
| SEPTEMBER | 0.74 | 0.00 | 0.00 | 0.00 | 0.74 |
| OCTOBER | 9.24 | 0.00 | 0.00 | 0.00 | 9.24 |
| NOVEMBER | 25.62 | 0.00 | 0.00 | 0.00 | 25.62 |
| DECEMBER | 29.12 | 0.00 | 0.00 | 0.00 | 29.12 |
| TOTAL | <u>187.93</u> | <u>0.00</u> | <u>0.00</u> | <u>0.00</u> | <u>187.93</u> |

COLUMBIA GAS OF KENTUCKY, INC.
 ACTUAL DIS BILLED TARIFF SALES SUMMARY
 FOR THE TWELVE MONTHS ENDED 2/2013

LG3 DIS BILLED RATE SCHEDULE - RESIDENTIAL

| MONTH | RESIDENTIAL | COMMERCIAL | OTHER | ELEC GEN | TOTAL |
|------------------|---------------|-------------|-------------|-------------|---------------|
| <u>BILLS</u> | | | | | |
| JANUARY | 1. | 0. | 0. | 0. | 1. |
| FEBRUARY | 1. | 0. | 0. | 0. | 1. |
| MARCH | 1. | 0. | 0. | 0. | 1. |
| APRIL | 1. | 0. | 0. | 0. | 1. |
| MAY | 1. | 0. | 0. | 0. | 1. |
| JUNE | 1. | 0. | 0. | 0. | 1. |
| JULY | 1. | 0. | 0. | 0. | 1. |
| AUGUST | 1. | 0. | 0. | 0. | 1. |
| SEPTEMBER | 1. | 0. | 0. | 0. | 1. |
| OCTOBER | 1. | 0. | 0. | 0. | 1. |
| NOVEMBER | 1. | 0. | 0. | 0. | 1. |
| DECEMBER | 1. | 0. | 0. | 0. | 1. |
| TOTAL | <u>12.</u> | <u>0.</u> | <u>0.</u> | <u>0.</u> | <u>12.</u> |
| <u>MCE SALES</u> | | | | | |
| JANUARY | 105.0 | 0.0 | 0.0 | 0.0 | 105.0 |
| FEBRUARY | 56.0 | 0.0 | 0.0 | 0.0 | 56.0 |
| MARCH | 31.9 | 0.0 | 0.0 | 0.0 | 31.9 |
| APRIL | 59.2 | 0.0 | 0.0 | 0.0 | 59.2 |
| MAY | 17.2 | 0.0 | 0.0 | 0.0 | 17.2 |
| JUNE | 8.3 | 0.0 | 0.0 | 0.0 | 8.3 |
| JULY | 9.9 | 0.0 | 0.0 | 0.0 | 9.9 |
| AUGUST | 7.5 | 0.0 | 0.0 | 0.0 | 7.5 |
| SEPTEMBER | 8.6 | 0.0 | 0.0 | 0.0 | 8.6 |
| OCTOBER | 45.8 | 0.0 | 0.0 | 0.0 | 45.8 |
| NOVEMBER | 58.0 | 0.0 | 0.0 | 0.0 | 58.0 |
| DECEMBER | 64.9 | 0.0 | 0.0 | 0.0 | 64.9 |
| TOTAL | <u>472.3</u> | <u>0.0</u> | <u>0.0</u> | <u>0.0</u> | <u>472.3</u> |
| <u>REVENUE</u> | | | | | |
| JANUARY | 37.25 | 0.00 | 0.00 | 0.00 | 37.25 |
| FEBRUARY | 20.10 | 0.00 | 0.00 | 0.00 | 20.10 |
| MARCH | 11.67 | 0.00 | 0.00 | 0.00 | 11.67 |
| APRIL | 21.22 | 0.00 | 0.00 | 0.00 | 21.22 |
| MAY | 6.52 | 0.00 | 0.00 | 0.00 | 6.52 |
| JUNE | 3.41 | 0.00 | 0.00 | 0.00 | 3.41 |
| JULY | 3.97 | 0.00 | 0.00 | 0.00 | 3.97 |
| AUGUST | 3.13 | 0.00 | 0.00 | 0.00 | 3.13 |
| SEPTEMBER | 3.51 | 0.00 | 0.00 | 0.00 | 3.51 |
| OCTOBER | 16.53 | 0.00 | 0.00 | 0.00 | 16.53 |
| NOVEMBER | 20.80 | 0.00 | 0.00 | 0.00 | 20.80 |
| DECEMBER | 23.22 | 0.00 | 0.00 | 0.00 | 23.22 |
| TOTAL | <u>171.33</u> | <u>0.00</u> | <u>0.00</u> | <u>0.00</u> | <u>171.33</u> |

COLUMBIA GAS OF KENTUCKY, INC.
 ACTUAL DIS BILLED TARIFF SALES SUMMARY
 FOR THE TWELVE MONTHS ENDED 2/2013

LG4 DIS BILLED RATE SCHEDULE - RESIDENTIAL

| MONTH | RESIDENTIAL | COMMERCIAL | OTHER | ELEC GEN | TOTAL |
|------------------|-------------|------------|-------|----------|--------|
| <u>BILLS</u> | | | | | |
| JANUARY | 1. | 0. | 0. | 0. | 1. |
| FEBRUARY | 1. | 0. | 0. | 0. | 1. |
| MARCH | 1. | 0. | 0. | 0. | 1. |
| APRIL | 1. | 0. | 0. | 0. | 1. |
| MAY | 1. | 0. | 0. | 0. | 1. |
| JUNE | 1. | 0. | 0. | 0. | 1. |
| JULY | 1. | 0. | 0. | 0. | 1. |
| AUGUST | 1. | 0. | 0. | 0. | 1. |
| SEPTEMBER | 1. | 0. | 0. | 0. | 1. |
| OCTOBER | 1. | 0. | 0. | 0. | 1. |
| NOVEMBER | 1. | 0. | 0. | 0. | 1. |
| DECEMBER | 1. | 0. | 0. | 0. | 1. |
| TOTAL | 12. | 0. | 0. | 0. | 12. |
| <u>MCF SALES</u> | | | | | |
| JANUARY | 57.5 | 0.0 | 0.0 | 0.0 | 57.5 |
| FEBRUARY | 56.8 | 0.0 | 0.0 | 0.0 | 56.8 |
| MARCH | 37.6 | 0.0 | 0.0 | 0.0 | 37.6 |
| APRIL | 16.0 | 0.0 | 0.0 | 0.0 | 16.0 |
| MAY | 9.6 | 0.0 | 0.0 | 0.0 | 9.6 |
| JUNE | 9.3 | 0.0 | 0.0 | 0.0 | 9.3 |
| JULY | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| AUGUST | 3.3 | 0.0 | 0.0 | 0.0 | 3.3 |
| SEPTEMBER | 4.0 | 0.0 | 0.0 | 0.0 | 4.0 |
| OCTOBER | 6.6 | 0.0 | 0.0 | 0.0 | 6.6 |
| NOVEMBER | 25.4 | 0.0 | 0.0 | 0.0 | 25.4 |
| DECEMBER | 38.9 | 0.0 | 0.0 | 0.0 | 38.9 |
| TOTAL | 265.0 | 0.0 | 0.0 | 0.0 | 265.0 |
| <u>REVENUE</u> | | | | | |
| JANUARY | 23.00 | 0.00 | 0.00 | 0.00 | 23.00 |
| FEBRUARY | 22.72 | 0.00 | 0.00 | 0.00 | 22.72 |
| MARCH | 15.04 | 0.00 | 0.00 | 0.00 | 15.04 |
| APRIL | 6.40 | 0.00 | 0.00 | 0.00 | 6.40 |
| MAY | 3.84 | 0.00 | 0.00 | 0.00 | 3.84 |
| JUNE | 3.88 | 0.00 | 0.00 | 0.00 | 3.88 |
| JULY | -0.16 | 0.00 | 0.00 | 0.00 | -0.16 |
| AUGUST | 1.32 | 0.00 | 0.00 | 0.00 | 1.32 |
| SEPTEMBER | 1.60 | 0.00 | 0.00 | 0.00 | 1.60 |
| OCTOBER | 2.64 | 0.00 | 0.00 | 0.00 | 2.64 |
| NOVEMBER | 10.16 | 0.00 | 0.00 | 0.00 | 10.16 |
| DECEMBER | 15.56 | 0.00 | 0.00 | 0.00 | 15.56 |
| TOTAL | 106.00 | 0.00 | 0.00 | 0.00 | 106.00 |

COLUMBIA GAS OF KENTUCKY, INC.
 ACTUAL DIS BILLED CHOICE TRANSPORTATION DATA SUMMARY
 FOR THE TWELVE MONTHS ENDED 2/2013

TOTAL COMPANY SUMMARY

| MONTH | RESIDENTIAL | COMMERCIAL | OTHER | ELEC GEN | TOTAL |
|------------------|-------------|------------|-------|----------|------------|
| <u>BILLS</u> | | | | | |
| JANUARY | 25979. | 0. | 0. | 0. | 25979. |
| FEBRUARY | 25829. | 0. | 0. | 0. | 25829. |
| MARCH | 27487. | 0. | 0. | 0. | 27487. |
| APRIL | 27285. | 0. | 0. | 0. | 27285. |
| MAY | 27156. | 0. | 0. | 0. | 27156. |
| JUNE | 27040. | 0. | 0. | 0. | 27040. |
| JULY | 26728. | 0. | 0. | 0. | 26728. |
| AUGUST | 26568. | 0. | 0. | 0. | 26568. |
| SEPTEMBER | 26393. | 0. | 0. | 0. | 26393. |
| OCTOBER | 26233. | 0. | 0. | 0. | 26233. |
| NOVEMBER | 26313. | 0. | 0. | 0. | 26313. |
| DECEMBER | 26138. | 0. | 0. | 0. | 26138. |
| TOTAL | 319149. | 0. | 0. | 0. | 319149. |
| <u>MCF SALES</u> | | | | | |
| JANUARY | 383288.3 | 0.0 | 0.0 | 0.0 | 383288.3 |
| FEBRUARY | 373724.6 | 0.0 | 0.0 | 0.0 | 373724.6 |
| MARCH | 251501.0 | 0.0 | 0.0 | 0.0 | 251501.0 |
| APRIL | 98740.7 | 0.0 | 0.0 | 0.0 | 98740.7 |
| MAY | 74643.5 | 0.0 | 0.0 | 0.0 | 74643.5 |
| JUNE | 34091.9 | 0.0 | 0.0 | 0.0 | 34091.9 |
| JULY | 28024.3 | 0.0 | 0.0 | 0.0 | 28024.3 |
| AUGUST | 26931.6 | 0.0 | 0.0 | 0.0 | 26931.6 |
| SEPTEMBER | 27359.3 | 0.0 | 0.0 | 0.0 | 27359.3 |
| OCTOBER | 52403.3 | 0.0 | 0.0 | 0.0 | 52403.3 |
| NOVEMBER | 158386.6 | 0.0 | 0.0 | 0.0 | 158386.6 |
| DECEMBER | 258988.9 | 0.0 | 0.0 | 0.0 | 258988.9 |
| TOTAL | 1768084.0 | 0.0 | 0.0 | 0.0 | 1768084.0 |
| <u>REVENUE</u> | | | | | |
| JANUARY | 1137858.17 | 0.00 | 0.00 | 0.00 | 1137858.17 |
| FEBRUARY | 1054946.05 | 0.00 | 0.00 | 0.00 | 1054946.05 |
| MARCH | 967919.12 | 0.00 | 0.00 | 0.00 | 967919.12 |
| APRIL | 669612.45 | 0.00 | 0.00 | 0.00 | 669612.45 |
| MAY | 521646.02 | 0.00 | 0.00 | 0.00 | 521646.02 |
| JUNE | 452130.21 | 0.00 | 0.00 | 0.00 | 452130.21 |
| JULY | 435990.05 | 0.00 | 0.00 | 0.00 | 435990.05 |
| AUGUST | 431196.26 | 0.00 | 0.00 | 0.00 | 431196.26 |
| SEPTEMBER | 427128.62 | 0.00 | 0.00 | 0.00 | 427128.62 |
| OCTOBER | 471340.15 | 0.00 | 0.00 | 0.00 | 471340.15 |
| NOVEMBER | 671328.88 | 0.00 | 0.00 | 0.00 | 671328.88 |
| DECEMBER | 893842.86 | 0.00 | 0.00 | 0.00 | 893842.86 |
| TOTAL | 8134938.84 | 0.00 | 0.00 | 0.00 | 8134938.84 |

COLUMBIA GAS OF KENTUCKY, INC.
 ACTUAL DIS BILLED CHOICE TRANSPORTATION DATA SUMMARY
 FOR THE TWELVE MONTHS ENDED 2/2013

GTR DIS BILLED RATE SCHEDULE - RESIDENTIAL CHOICE

| MONTH | RESIDENTIAL | COMMERCIAL | OTHER | ELEC GEN | TOTAL |
|------------------|-------------|------------|-------|----------|------------|
| <u>BILLS</u> | | | | | |
| JANUARY | 25979. | 0. | 0. | 0. | 25979. |
| FEBRUARY | 25829. | 0. | 0. | 0. | 25829. |
| MARCH | 27487. | 0. | 0. | 0. | 27487. |
| APRIL | 27285. | 0. | 0. | 0. | 27285. |
| MAY | 27156. | 0. | 0. | 0. | 27156. |
| JUNE | 27040. | 0. | 0. | 0. | 27040. |
| JULY | 26728. | 0. | 0. | 0. | 26728. |
| AUGUST | 26568. | 0. | 0. | 0. | 26568. |
| SEPTEMBER | 26393. | 0. | 0. | 0. | 26393. |
| OCTOBER | 26233. | 0. | 0. | 0. | 26233. |
| NOVEMBER | 26313. | 0. | 0. | 0. | 26313. |
| DECEMBER | 26138. | 0. | 0. | 0. | 26138. |
| TOTAL | 319149. | 0. | 0. | 0. | 319149. |
| <u>MCF SALES</u> | | | | | |
| JANUARY | 383288.3 | 0.0 | 0.0 | 0.0 | 383288.3 |
| FEBRUARY | 373724.6 | 0.0 | 0.0 | 0.0 | 373724.6 |
| MARCH | 251501.0 | 0.0 | 0.0 | 0.0 | 251501.0 |
| APRIL | 98740.7 | 0.0 | 0.0 | 0.0 | 98740.7 |
| MAY | 74643.5 | 0.0 | 0.0 | 0.0 | 74643.5 |
| JUNE | 34091.9 | 0.0 | 0.0 | 0.0 | 34091.9 |
| JULY | 28024.3 | 0.0 | 0.0 | 0.0 | 28024.3 |
| AUGUST | 26931.6 | 0.0 | 0.0 | 0.0 | 26931.6 |
| SEPTEMBER | 27359.3 | 0.0 | 0.0 | 0.0 | 27359.3 |
| OCTOBER | 52403.3 | 0.0 | 0.0 | 0.0 | 52403.3 |
| NOVEMBER | 158386.6 | 0.0 | 0.0 | 0.0 | 158386.6 |
| DECEMBER | 258988.9 | 0.0 | 0.0 | 0.0 | 258988.9 |
| TOTAL | 1768084.0 | 0.0 | 0.0 | 0.0 | 1768084.0 |
| <u>REVENUE</u> | | | | | |
| JANUARY | 1137858.17 | 0.00 | 0.00 | 0.00 | 1137858.17 |
| FEBRUARY | 1054946.05 | 0.00 | 0.00 | 0.00 | 1054946.05 |
| MARCH | 967919.12 | 0.00 | 0.00 | 0.00 | 967919.12 |
| APRIL | 669612.45 | 0.00 | 0.00 | 0.00 | 669612.45 |
| MAY | 521646.02 | 0.00 | 0.00 | 0.00 | 521646.02 |
| JUNE | 452130.21 | 0.00 | 0.00 | 0.00 | 452130.21 |
| JULY | 435990.05 | 0.00 | 0.00 | 0.00 | 435990.05 |
| AUGUST | 431196.26 | 0.00 | 0.00 | 0.00 | 431196.26 |
| SEPTEMBER | 427128.62 | 0.00 | 0.00 | 0.00 | 427128.62 |
| OCTOBER | 471340.15 | 0.00 | 0.00 | 0.00 | 471340.15 |
| NOVEMBER | 671328.88 | 0.00 | 0.00 | 0.00 | 671328.88 |
| DECEMBER | 893842.86 | 0.00 | 0.00 | 0.00 | 893842.86 |
| TOTAL | 8134938.84 | 0.00 | 0.00 | 0.00 | 8134938.84 |

COLUMBIA GAS OF KENTUCKY, INC.

TOTAL GMB TARIFF
 ACTUAL DATA ADJUSTED FOR PHYSICAL FLOW
 MONTHLY SUMMARY
 TWELVE MONTHS ENDED 2/2013

| MONTH | RESIDENTIAL | COMMERCIAL | INDUSTRIAL | OTHER | WHOLESALE | FLEC GEN | TOTAL |
|----------------|-------------|-------------|------------|-------|-----------|-----------|-------------|
| <u>BILLS</u> | | | | | | | |
| JAN | 0. | 9937. | 103. | 0. | 2. | 1. | 10043. |
| FEB | 0. | 9974. | 103. | 0. | 2. | 1. | 10080. |
| MAR | 0. | 9773. | 100. | 0. | 2. | 1. | 9876. |
| APR | 0. | 9702. | 100. | 0. | 2. | 1. | 9805. |
| MAY | 0. | 9630. | 100. | 0. | 2. | 1. | 9733. |
| JUN | 0. | 9560. | 99. | 0. | 2. | 1. | 9662. |
| JUL | 0. | 9537. | 100. | 0. | 2. | 1. | 9640. |
| AUG | 0. | 9499. | 101. | 0. | 2. | 1. | 9603. |
| SEP | 0. | 9496. | 101. | 0. | 2. | 1. | 9600. |
| OCT | 0. | 9560. | 101. | 0. | 2. | 1. | 9664. |
| NOV | 0. | 9727. | 101. | 0. | 2. | 1. | 9831. |
| DEC | 0. | 9848. | 103. | 0. | 2. | 1. | 9954. |
| TOTAL | 0. | 116243. | 1212. | 0. | 24. | 12. | 117491. |
| <u>MCF</u> | | | | | | | |
| JAN | 0.0 | 578096.3 | 29563.8 | 0.0 | 4460.0 | 573.0 | 612693.1 |
| FEB | 0.0 | 578717.2 | 26806.2 | 0.0 | 2271.0 | 530.0 | 608324.4 |
| MAR | 0.0 | 346135.5 | 12706.8 | 0.0 | 930.0 | 358.0 | 360130.3 |
| APR | 0.0 | 160817.0 | 14139.8 | 0.0 | 662.0 | 399.0 | 176017.8 |
| MAY | 0.0 | 123085.3 | 8913.2 | 0.0 | 418.0 | 12355.0 | 144771.5 |
| JUN | 0.0 | 89927.9 | 6838.6 | 0.0 | 415.0 | 4674.0 | 101855.5 |
| JUL | 0.0 | 82709.2 | 10863.9 | 0.0 | 435.0 | 3444.0 | 97452.1 |
| AUG | 0.0 | 79257.8 | 15670.2 | 0.0 | 659.0 | 2695.0 | 98282.0 |
| SEP | 0.0 | 84253.3 | 13889.9 | 0.0 | 429.0 | 414.0 | 98986.2 |
| OCT | 0.0 | 112319.9 | 19879.2 | 0.0 | 1154.0 | 0.0 | 133353.1 |
| NOV | 0.0 | 237097.3 | 23895.6 | 0.0 | 861.0 | 419.0 | 262272.9 |
| DEC | 0.0 | 362360.4 | 25230.3 | 0.0 | 1150.0 | 156.0 | 388896.7 |
| TOTAL | 0.0 | 2834777.1 | 208397.5 | 0.0 | 13844.0 | 26017.0 | 3083035.6 |
| <u>REVENUE</u> | | | | | | | |
| JAN | 0.00 | 3871357.58 | 169000.48 | 0.00 | 21772.03 | 3492.11 | 4065622.20 |
| FEB | 0.00 | 3804012.63 | 153879.80 | 0.00 | 13244.57 | 3235.03 | 3974372.03 |
| MAR | 0.00 | 2979479.78 | 93132.59 | 0.00 | 7444.24 | 2708.07 | 3082764.68 |
| APR | 0.00 | 1696278.14 | 103844.02 | 0.00 | 4989.56 | 3014.72 | 1808126.44 |
| MAY | 0.00 | 1038717.61 | 66491.94 | 0.00 | 3418.55 | 89711.47 | 1198339.57 |
| JUN | 0.00 | 774503.62 | 37130.58 | 0.00 | 2745.37 | 25062.12 | 839441.69 |
| JUL | 0.00 | 736412.76 | 59379.38 | 0.00 | 2966.43 | 18523.57 | 817282.14 |
| AUG | 0.00 | 724459.63 | 85887.76 | 0.00 | 3748.91 | 14541.97 | 828638.27 |
| SEP | 0.00 | 788341.19 | 75541.86 | 0.00 | 2709.69 | 2255.52 | 868848.26 |
| OCT | 0.00 | 826610.65 | 103175.52 | 0.00 | 5789.43 | 29.11 | 935604.71 |
| NOV | 0.00 | 1563934.09 | 122183.46 | 0.00 | 4477.00 | 2281.97 | 1692876.52 |
| DEC | 0.00 | 2555722.97 | 144465.48 | 0.00 | 6523.72 | 977.99 | 2707690.16 |
| TOTAL | 0.00 | 21359830.65 | 1214112.87 | 0.00 | 79829.50 | 165833.65 | 22819606.67 |

COLUMBIA GAS OF KENTUCKY, INC.

GMB TARIFF
 ACTUAL DATA ADJUSTED FOR PHYSICAL FLOW
 RATE SCHEDULE GSO - GMB TARIFF SALES BILLED COMMERCIAL INDUSTRIAL SERVICE
 TWELVE MONTHS ENDED 2/2013

| MONTH | RESIDENTIAL | COMMERCIAL | INDUSTRIAL | OTHER | WHOLESALE | ELEC GEN | TOTAL |
|----------------|-------------|-------------|------------|-------|-----------|-----------|-------------|
| <u>BILLS</u> | | | | | | | |
| JAN | 0. | 9885. | 39. | 0. | 0. | 1. | 9925. |
| FEB | 0. | 9921. | 39. | 0. | 0. | 1. | 9961. |
| MAR | 0. | 9719. | 37. | 0. | 0. | 1. | 9757. |
| APR | 0. | 9648. | 37. | 0. | 0. | 1. | 9686. |
| MAY | 0. | 9577. | 37. | 0. | 0. | 1. | 9615. |
| JUN | 0. | 9507. | 36. | 0. | 0. | 1. | 9544. |
| JUL | 0. | 9484. | 37. | 0. | 0. | 1. | 9522. |
| AUG | 0. | 9446. | 38. | 0. | 0. | 1. | 9485. |
| SEP | 0. | 9442. | 38. | 0. | 0. | 1. | 9481. |
| OCT | 0. | 9506. | 38. | 0. | 0. | 1. | 9545. |
| NOV | 0. | 9674. | 38. | 0. | 0. | 1. | 9713. |
| DEC | 0. | 9795. | 39. | 0. | 0. | 1. | 9835. |
| TOTAL | 0. | 115604. | 453. | 0. | 0. | 12. | 116069. |
| <u>MCF</u> | | | | | | | |
| JAN | 0.0 | 577246.7 | 21617.8 | 0.0 | 0.0 | 573.0 | 599437.5 |
| FEB | 0.0 | 577972.1 | 19925.2 | 0.0 | 0.0 | 530.0 | 598427.3 |
| MAR | 0.0 | 345722.4 | 10008.8 | 0.0 | 0.0 | 358.0 | 356089.2 |
| APR | 0.0 | 160639.8 | 12205.8 | 0.0 | 0.0 | 399.0 | 173244.6 |
| MAY | 0.0 | 122959.7 | 7322.2 | 0.0 | 0.0 | 12355.0 | 142636.9 |
| JUN | 0.0 | 89855.6 | 5325.6 | 0.0 | 0.0 | 4674.0 | 99855.2 |
| JUL | 0.0 | 82648.7 | 9330.9 | 0.0 | 0.0 | 3444.0 | 95423.6 |
| AUG | 0.0 | 79198.9 | 14188.2 | 0.0 | 0.0 | 2695.0 | 96082.1 |
| SEP | 0.0 | 84193.0 | 12478.9 | 0.0 | 0.0 | 414.0 | 97085.9 |
| OCT | 0.0 | 112246.2 | 17520.2 | 0.0 | 0.0 | 0.0 | 129766.4 |
| NOV | 0.0 | 236793.1 | 19515.6 | 0.0 | 0.0 | 419.0 | 256727.7 |
| DEC | 0.0 | 361869.0 | 18488.3 | 0.0 | 0.0 | 156.0 | 380513.3 |
| TOTAL | 0.0 | 2831345.2 | 167927.5 | 0.0 | 0.0 | 26017.0 | 3025289.7 |
| <u>REVENUE</u> | | | | | | | |
| JAN | 0.00 | 3867623.49 | 130070.49 | 0.00 | 0.00 | 3492.11 | 4001186.09 |
| FEB | 0.00 | 3800066.61 | 120057.54 | 0.00 | 0.00 | 3235.03 | 3923359.18 |
| MAR | 0.00 | 2977127.01 | 75632.43 | 0.00 | 0.00 | 2708.07 | 3055467.51 |
| APR | 0.00 | 1695264.38 | 91088.53 | 0.00 | 0.00 | 3014.72 | 1789367.63 |
| MAY | 0.00 | 1037931.72 | 55866.57 | 0.00 | 0.00 | 89711.47 | 1183509.76 |
| JUN | 0.00 | 774133.81 | 29830.31 | 0.00 | 0.00 | 25062.12 | 829026.24 |
| JUL | 0.00 | 736073.68 | 51993.49 | 0.00 | 0.00 | 18523.57 | 806590.74 |
| AUG | 0.00 | 724144.88 | 78720.27 | 0.00 | 0.00 | 14541.97 | 817407.12 |
| SEP | 0.00 | 788047.23 | 68928.30 | 0.00 | 0.00 | 2255.52 | 859231.05 |
| OCT | 0.00 | 826230.27 | 92670.14 | 0.00 | 0.00 | 29.11 | 918929.52 |
| NOV | 0.00 | 1562879.63 | 103381.26 | 0.00 | 0.00 | 2281.97 | 1668542.86 |
| DEC | 0.00 | 2553540.41 | 111309.88 | 0.00 | 0.00 | 977.99 | 2665828.28 |
| TOTAL | 0.00 | 21343063.12 | 1009549.21 | 0.00 | 0.00 | 165833.65 | 22518445.98 |

COLUMBIA GAS OF KENTUCKY, INC.

GMB TARIFF
 ACTUAL DATA ADJUSTED FOR PHYSICAL FLOW
 RATE SCHEDULE G1C - GMB TARIFF SALES BILLED COMMERCIAL/INDUSTRIAL LG&E
 TWELVE MONTHS ENDED 2/2013

| MONTH | RESIDENTIAL | COMMERCIAL | INDUSTRIAL | OTHER | WHOLESALE | ELEC_GEN | TOTAL |
|----------------|-------------|------------|------------|-------|-----------|----------|----------|
| <u>BILLS</u> | | | | | | | |
| JAN | 0. | 4. | 0. | 0. | 0. | 0. | 4. |
| FEB | 0. | 4. | 0. | 0. | 0. | 0. | 4. |
| MAR | 0. | 4. | 0. | 0. | 0. | 0. | 4. |
| APR | 0. | 4. | 0. | 0. | 0. | 0. | 4. |
| MAY | 0. | 4. | 0. | 0. | 0. | 0. | 4. |
| JUN | 0. | 4. | 0. | 0. | 0. | 0. | 4. |
| JUL | 0. | 4. | 0. | 0. | 0. | 0. | 4. |
| AUG | 0. | 4. | 0. | 0. | 0. | 0. | 4. |
| SEP | 0. | 4. | 0. | 0. | 0. | 0. | 4. |
| OCT | 0. | 4. | 0. | 0. | 0. | 0. | 4. |
| NOV | 0. | 4. | 0. | 0. | 0. | 0. | 4. |
| DEC | 0. | 4. | 0. | 0. | 0. | 0. | 4. |
| TOTAL | 0. | 48. | 0. | 0. | 0. | 0. | 48. |
| <u>MCF</u> | | | | | | | |
| JAN | 0.0 | 662.6 | 0.0 | 0.0 | 0.0 | 0.0 | 662.6 |
| FEB | 0.0 | 614.7 | 0.0 | 0.0 | 0.0 | 0.0 | 614.7 |
| MAR | 0.0 | 325.8 | 0.0 | 0.0 | 0.0 | 0.0 | 325.8 |
| APR | 0.0 | 125.8 | 0.0 | 0.0 | 0.0 | 0.0 | 125.8 |
| MAY | 0.0 | 104.0 | 0.0 | 0.0 | 0.0 | 0.0 | 104.0 |
| JUN | 0.0 | 57.0 | 0.0 | 0.0 | 0.0 | 0.0 | 57.0 |
| JUL | 0.0 | 44.4 | 0.0 | 0.0 | 0.0 | 0.0 | 44.4 |
| AUG | 0.0 | 44.3 | 0.0 | 0.0 | 0.0 | 0.0 | 44.3 |
| SEP | 0.0 | 43.3 | 0.0 | 0.0 | 0.0 | 0.0 | 43.3 |
| OCT | 0.0 | 45.9 | 0.0 | 0.0 | 0.0 | 0.0 | 45.9 |
| NOV | 0.0 | 197.7 | 0.0 | 0.0 | 0.0 | 0.0 | 197.7 |
| DEC | 0.0 | 374.1 | 0.0 | 0.0 | 0.0 | 0.0 | 374.1 |
| TOTAL | 0.0 | 2639.6 | 0.0 | 0.0 | 0.0 | 0.0 | 2639.6 |
| <u>REVENUE</u> | | | | | | | |
| JAN | 0.00 | 3667.71 | 0.00 | 0.00 | 0.00 | 0.00 | 3667.71 |
| FEB | 0.00 | 3377.83 | 0.00 | 0.00 | 0.00 | 0.00 | 3377.83 |
| MAR | 0.00 | 2321.85 | 0.00 | 0.00 | 0.00 | 0.00 | 2321.85 |
| APR | 0.00 | 995.58 | 0.00 | 0.00 | 0.00 | 0.00 | 995.58 |
| MAY | 0.00 | 778.23 | 0.00 | 0.00 | 0.00 | 0.00 | 778.23 |
| JUN | 0.00 | 364.44 | 0.00 | 0.00 | 0.00 | 0.00 | 364.44 |
| JUL | 0.00 | 333.41 | 0.00 | 0.00 | 0.00 | 0.00 | 333.41 |
| AUG | 0.00 | 309.61 | 0.00 | 0.00 | 0.00 | 0.00 | 309.61 |
| SEP | 0.00 | 287.97 | 0.00 | 0.00 | 0.00 | 0.00 | 287.97 |
| OCT | 0.00 | 370.52 | 0.00 | 0.00 | 0.00 | 0.00 | 370.52 |
| NOV | 0.00 | 1016.78 | 0.00 | 0.00 | 0.00 | 0.00 | 1016.78 |
| DEC | 0.00 | 2140.91 | 0.00 | 0.00 | 0.00 | 0.00 | 2140.91 |
| TOTAL | 0.00 | 15964.84 | 0.00 | 0.00 | 0.00 | 0.00 | 15964.84 |

COLUMBIA GAS OF KENTUCKY, INC.

GMB TARIFF
 ACTUAL DATA ADJUSTED FOR PHYSICAL FLOW
 RATE SCHEDULE IN3 - GMB TARIFF SALES BILLED INLAND/CKY GENERAL SERVICE
 TWELVE MONTHS ENDED 2/2013

| MONTH | RESIDENTIAL | COMMERCIAL | INDUSTRIAL | OTHER | WHOLESALE | ELEC GEN | TOTAL |
|----------------|-------------|------------|------------|-------|-----------|----------|-------|
| <u>BILLS</u> | | | | | | | |
| JAN | 0. | 1. | 0. | 0. | 0. | 0. | 1. |
| FEB | 0. | 1. | 0. | 0. | 0. | 0. | 1. |
| MAR | 0. | 1. | 0. | 0. | 0. | 0. | 1. |
| APR | 0. | 1. | 0. | 0. | 0. | 0. | 1. |
| MAY | 0. | 1. | 0. | 0. | 0. | 0. | 1. |
| JUN | 0. | 1. | 0. | 0. | 0. | 0. | 1. |
| JUL | 0. | 1. | 0. | 0. | 0. | 0. | 1. |
| AUG | 0. | 1. | 0. | 0. | 0. | 0. | 1. |
| SEP | 0. | 1. | 0. | 0. | 0. | 0. | 1. |
| OCT | 0. | 1. | 0. | 0. | 0. | 0. | 1. |
| NOV | 0. | 1. | 0. | 0. | 0. | 0. | 1. |
| DEC | 0. | 1. | 0. | 0. | 0. | 0. | 1. |
| TOTAL | 0. | 12. | 0. | 0. | 0. | 0. | 12. |
| <u>MCF</u> | | | | | | | |
| JAN | 0.0 | 14.8 | 0.0 | 0.0 | 0.0 | 0.0 | 14.8 |
| FEB | 0.0 | 13.0 | 0.0 | 0.0 | 0.0 | 0.0 | 13.0 |
| MAR | 0.0 | 5.7 | 0.0 | 0.0 | 0.0 | 0.0 | 5.7 |
| APR | 0.0 | 2.9 | 0.0 | 0.0 | 0.0 | 0.0 | 2.9 |
| MAY | 0.0 | 1.5 | 0.0 | 0.0 | 0.0 | 0.0 | 1.5 |
| JUN | 0.0 | 0.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.3 |
| JUL | 0.0 | 0.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.4 |
| AUG | 0.0 | 0.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.4 |
| SEP | 0.0 | 0.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.5 |
| OCT | 0.0 | 2.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.0 |
| NOV | 0.0 | 6.4 | 0.0 | 0.0 | 0.0 | 0.0 | 6.4 |
| DEC | 0.0 | 9.5 | 0.0 | 0.0 | 0.0 | 0.0 | 9.5 |
| TOTAL | 0.0 | 57.4 | 0.0 | 0.0 | 0.0 | 0.0 | 57.4 |
| <u>REVENUE</u> | | | | | | | |
| JAN | 0.00 | 6.11 | 0.00 | 0.00 | 0.00 | 0.00 | 6.11 |
| FEB | 0.00 | 5.37 | 0.00 | 0.00 | 0.00 | 0.00 | 5.37 |
| MAR | 0.00 | 2.36 | 0.00 | 0.00 | 0.00 | 0.00 | 2.36 |
| APR | 0.00 | 1.20 | 0.00 | 0.00 | 0.00 | 0.00 | 1.20 |
| MAY | 0.00 | 0.62 | 0.00 | 0.00 | 0.00 | 0.00 | 0.62 |
| JUN | 0.00 | 0.12 | 0.00 | 0.00 | 0.00 | 0.00 | 0.12 |
| JUL | 0.00 | 0.17 | 0.00 | 0.00 | 0.00 | 0.00 | 0.17 |
| AUG | 0.00 | 0.17 | 0.00 | 0.00 | 0.00 | 0.00 | 0.17 |
| SEP | 0.00 | 0.21 | 0.00 | 0.00 | 0.00 | 0.00 | 0.21 |
| OCT | 0.00 | 0.83 | 0.00 | 0.00 | 0.00 | 0.00 | 0.83 |
| NOV | 0.00 | 2.64 | 0.00 | 0.00 | 0.00 | 0.00 | 2.64 |
| DEC | 0.00 | 3.92 | 0.00 | 0.00 | 0.00 | 0.00 | 3.92 |
| TOTAL | 0.00 | 23.72 | 0.00 | 0.00 | 0.00 | 0.00 | 23.72 |

COLUMBIA GAS OF KENTUCKY, INC.

GMB TARIFF
 ACTUAL DATA ADJUSTED FOR PHYSICAL FLOW
 RATE SCHEDULE IS - GMB TARIFF SALES BILLED INTERRUPTIBLE SERVICE
 TWELVE MONTHS ENDED 2/2013

| MONTH | RESIDENTIAL | COMMERCIAL | INDUSTRIAL | OTHER | WHOLESALE | ELEC GEN | TOTAL |
|----------------|-------------|------------|------------|-------|-----------|----------|-----------|
| <u>BILLS</u> | | | | | | | |
| JAN | 0. | 0. | 1. | 0. | 0. | 0. | 1. |
| FEB | 0. | 0. | 1. | 0. | 0. | 0. | 1. |
| MAR | 0. | 0. | 1. | 0. | 0. | 0. | 1. |
| APR | 0. | 0. | 1. | 0. | 0. | 0. | 1. |
| MAY | 0. | 0. | 1. | 0. | 0. | 0. | 1. |
| JUN | 0. | 0. | 1. | 0. | 0. | 0. | 1. |
| JUL | 0. | 0. | 1. | 0. | 0. | 0. | 1. |
| AUG | 0. | 0. | 1. | 0. | 0. | 0. | 1. |
| SEP | 0. | 0. | 1. | 0. | 0. | 0. | 1. |
| OCT | 0. | 0. | 1. | 0. | 0. | 0. | 1. |
| NOV | 0. | 0. | 1. | 0. | 0. | 0. | 1. |
| DEC | 0. | 0. | 1. | 0. | 0. | 0. | 1. |
| TOTAL | 0. | 0. | 12. | 0. | 0. | 0. | 12. |
| <u>MCF</u> | | | | | | | |
| JAN | 0.0 | 0.0 | 7946.0 | 0.0 | 0.0 | 0.0 | 7946.0 |
| FEB | 0.0 | 0.0 | 6881.0 | 0.0 | 0.0 | 0.0 | 6881.0 |
| MAR | 0.0 | 0.0 | 2698.0 | 0.0 | 0.0 | 0.0 | 2698.0 |
| APR | 0.0 | 0.0 | 1934.0 | 0.0 | 0.0 | 0.0 | 1934.0 |
| MAY | 0.0 | 0.0 | 1591.0 | 0.0 | 0.0 | 0.0 | 1591.0 |
| JUN | 0.0 | 0.0 | 1513.0 | 0.0 | 0.0 | 0.0 | 1513.0 |
| JUL | 0.0 | 0.0 | 1533.0 | 0.0 | 0.0 | 0.0 | 1533.0 |
| AUG | 0.0 | 0.0 | 1482.0 | 0.0 | 0.0 | 0.0 | 1482.0 |
| SEP | 0.0 | 0.0 | 1411.0 | 0.0 | 0.0 | 0.0 | 1411.0 |
| OCT | 0.0 | 0.0 | 2359.0 | 0.0 | 0.0 | 0.0 | 2359.0 |
| NOV | 0.0 | 0.0 | 4380.0 | 0.0 | 0.0 | 0.0 | 4380.0 |
| DEC | 0.0 | 0.0 | 6742.0 | 0.0 | 0.0 | 0.0 | 6742.0 |
| TOTAL | 0.0 | 0.0 | 40470.0 | 0.0 | 0.0 | 0.0 | 40470.0 |
| <u>REVENUE</u> | | | | | | | |
| JAN | 0.00 | 0.00 | 38929.99 | 0.00 | 0.00 | 0.00 | 38929.99 |
| FEB | 0.00 | 0.00 | 33822.26 | 0.00 | 0.00 | 0.00 | 33822.26 |
| MAR | 0.00 | 0.00 | 17500.16 | 0.00 | 0.00 | 0.00 | 17500.16 |
| APR | 0.00 | 0.00 | 12755.49 | 0.00 | 0.00 | 0.00 | 12755.49 |
| MAY | 0.00 | 0.00 | 10625.37 | 0.00 | 0.00 | 0.00 | 10625.37 |
| JUN | 0.00 | 0.00 | 7300.27 | 0.00 | 0.00 | 0.00 | 7300.27 |
| JUL | 0.00 | 0.00 | 7385.89 | 0.00 | 0.00 | 0.00 | 7385.89 |
| AUG | 0.00 | 0.00 | 7167.49 | 0.00 | 0.00 | 0.00 | 7167.49 |
| SEP | 0.00 | 0.00 | 6613.56 | 0.00 | 0.00 | 0.00 | 6613.56 |
| OCT | 0.00 | 0.00 | 10505.38 | 0.00 | 0.00 | 0.00 | 10505.38 |
| NOV | 0.00 | 0.00 | 18802.20 | 0.00 | 0.00 | 0.00 | 18802.20 |
| DEC | 0.00 | 0.00 | 33155.60 | 0.00 | 0.00 | 0.00 | 33155.60 |
| TOTAL | 0.00 | 0.00 | 204563.66 | 0.00 | 0.00 | 0.00 | 204563.66 |

COLUMBIA GAS OF KENTUCKY, INC.

GMB TARIFF
 ACTUAL DATA ADJUSTED FOR PHYSICAL FLOW
 RATE SCHEDULE 1ST - GMB TARIFF SALES BILLED INTERRUPTIBLE SERVICE TRANS
 TWELVE MONTHS ENDED 2/2013

| <u>MONTH</u> | <u>RESIDENTIAL</u> | <u>COMMERCIAL</u> | <u>INDUSTRIAL</u> | <u>OTHER</u> | <u>WHOLESALE</u> | <u>ELEC GEN</u> | <u>TOTAL</u> |
|----------------|--------------------|-------------------|-------------------|--------------|------------------|-----------------|--------------|
| <u>BILLS</u> | | | | | | | |
| JAN | 0. | 31. | 46. | 0. | 0. | 0. | 77. |
| FEB | 0. | 32. | 46. | 0. | 0. | 0. | 78. |
| MAR | 0. | 31. | 45. | 0. | 0. | 0. | 76. |
| APR | 0. | 31. | 45. | 0. | 0. | 0. | 76. |
| MAY | 0. | 31. | 45. | 0. | 0. | 0. | 76. |
| JUN | 0. | 31. | 45. | 0. | 0. | 0. | 76. |
| JUL | 0. | 31. | 45. | 0. | 0. | 0. | 76. |
| AUG | 0. | 31. | 45. | 0. | 0. | 0. | 76. |
| SEP | 0. | 32. | 45. | 0. | 0. | 0. | 77. |
| OCT | 0. | 32. | 45. | 0. | 0. | 0. | 77. |
| NOV | 0. | 32. | 45. | 0. | 0. | 0. | 77. |
| DEC | 0. | 32. | 46. | 0. | 0. | 0. | 78. |
| TOTAL | 0. | 377. | 543. | 0. | 0. | 0. | 920. |
| <u>MCF</u> | | | | | | | |
| JAN | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| FEB | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| MAR | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| APR | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| MAY | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| JUN | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| JUL | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| AUG | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| SEP | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| OCT | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| NOV | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| DEC | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| TOTAL | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| <u>REVENUE</u> | | | | | | | |
| JAN | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| FEB | 0.00 | 521.73 | 0.00 | 0.00 | 0.00 | 0.00 | 521.73 |
| MAR | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| APR | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| MAY | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| JUN | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| JUL | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| AUG | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SEP | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| OCT | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| NOV | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| DEC | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| TOTAL | 0.00 | 521.73 | 0.00 | 0.00 | 0.00 | 0.00 | 521.73 |

COLUMBIA GAS OF KENTUCKY, INC.

GMB TARIFF
 ACTUAL DATA ADJUSTED FOR PHYSICAL FLOW
 RATE SCHEDULE IUS - GMB TARIFF SALES BILLED INTRASTATE UTILITY SERVICE
 TWELVE MONTHS ENDED 2/2013

| <u>MONTH</u> | <u>RESIDENTIAL</u> | <u>COMMERCIAL</u> | <u>INDUSTRIAL</u> | <u>OTHER</u> | <u>WHOLESALE</u> | <u>ELEC GEN</u> | <u>TOTAL</u> |
|----------------|--------------------|-------------------|-------------------|--------------|------------------|-----------------|--------------|
| <u>BILLS</u> | | | | | | | |
| JAN | 0. | 0. | 0. | 0. | 2. | 0. | 2. |
| FEB | 0. | 0. | 0. | 0. | 2. | 0. | 2. |
| MAR | 0. | 0. | 0. | 0. | 2. | 0. | 2. |
| APR | 0. | 0. | 0. | 0. | 2. | 0. | 2. |
| MAY | 0. | 0. | 0. | 0. | 2. | 0. | 2. |
| JUN | 0. | 0. | 0. | 0. | 2. | 0. | 2. |
| JUL | 0. | 0. | 0. | 0. | 2. | 0. | 2. |
| AUG | 0. | 0. | 0. | 0. | 2. | 0. | 2. |
| SEP | 0. | 0. | 0. | 0. | 2. | 0. | 2. |
| OCT | 0. | 0. | 0. | 0. | 2. | 0. | 2. |
| NOV | 0. | 0. | 0. | 0. | 2. | 0. | 2. |
| DEC | 0. | 0. | 0. | 0. | 2. | 0. | 2. |
| TOTAL | 0. | 0. | 0. | 0. | 24. | 0. | 24. |
| <u>MCF</u> | | | | | | | |
| JAN | 0.0 | 0.0 | 0.0 | 0.0 | 4460.0 | 0.0 | 4460.0 |
| FEB | 0.0 | 0.0 | 0.0 | 0.0 | 2271.0 | 0.0 | 2271.0 |
| MAR | 0.0 | 0.0 | 0.0 | 0.0 | 930.0 | 0.0 | 930.0 |
| APR | 0.0 | 0.0 | 0.0 | 0.0 | 662.0 | 0.0 | 662.0 |
| MAY | 0.0 | 0.0 | 0.0 | 0.0 | 418.0 | 0.0 | 418.0 |
| JUN | 0.0 | 0.0 | 0.0 | 0.0 | 415.0 | 0.0 | 415.0 |
| JUL | 0.0 | 0.0 | 0.0 | 0.0 | 435.0 | 0.0 | 435.0 |
| AUG | 0.0 | 0.0 | 0.0 | 0.0 | 659.0 | 0.0 | 659.0 |
| SEP | 0.0 | 0.0 | 0.0 | 0.0 | 429.0 | 0.0 | 429.0 |
| OCT | 0.0 | 0.0 | 0.0 | 0.0 | 1154.0 | 0.0 | 1154.0 |
| NOV | 0.0 | 0.0 | 0.0 | 0.0 | 861.0 | 0.0 | 861.0 |
| DEC | 0.0 | 0.0 | 0.0 | 0.0 | 1150.0 | 0.0 | 1150.0 |
| TOTAL | 0.0 | 0.0 | 0.0 | 0.0 | 13844.0 | 0.0 | 13844.0 |
| <u>REVENUE</u> | | | | | | | |
| JAN | 0.00 | 0.00 | 0.00 | 0.00 | 21772.03 | 0.00 | 21772.03 |
| FEB | 0.00 | 0.00 | 0.00 | 0.00 | 13244.57 | 0.00 | 13244.57 |
| MAR | 0.00 | 0.00 | 0.00 | 0.00 | 7444.24 | 0.00 | 7444.24 |
| APR | 0.00 | 0.00 | 0.00 | 0.00 | 4989.56 | 0.00 | 4989.56 |
| MAY | 0.00 | 0.00 | 0.00 | 0.00 | 3418.55 | 0.00 | 3418.55 |
| JUN | 0.00 | 0.00 | 0.00 | 0.00 | 2745.37 | 0.00 | 2745.37 |
| JUL | 0.00 | 0.00 | 0.00 | 0.00 | 2966.43 | 0.00 | 2966.43 |
| AUG | 0.00 | 0.00 | 0.00 | 0.00 | 3748.91 | 0.00 | 3748.91 |
| SEP | 0.00 | 0.00 | 0.00 | 0.00 | 2709.69 | 0.00 | 2709.69 |
| OCT | 0.00 | 0.00 | 0.00 | 0.00 | 5789.43 | 0.00 | 5789.43 |
| NOV | 0.00 | 0.00 | 0.00 | 0.00 | 4477.00 | 0.00 | 4477.00 |
| DEC | 0.00 | 0.00 | 0.00 | 0.00 | 6523.72 | 0.00 | 6523.72 |
| TOTAL | 0.00 | 0.00 | 0.00 | 0.00 | 79829.50 | 0.00 | 79829.50 |

COLUMBIA GAS OF KENTUCKY, INC.

GMB TARIFF
 ACTUAL DATA ADJUSTED FOR PHYSICAL FLOW
 RATE SCHEDULE LG2 - GMB TARIFF SALES BILLED RESIDENTIAL/COMMERCIAL
 TWELVE MONTHS ENDED 2/2013

| MONTH | RESIDENTIAL | COMMERCIAL | INDUSTRIAL | OTHER | WHOLESALE | ELEC GEN | TOTAL |
|----------------|-------------|------------|------------|-------|-----------|----------|--------|
| <u>BILLS</u> | | | | | | | |
| JAN | 0. | 1. | 0. | 0. | 0. | 0. | 1. |
| FEB | 0. | 1. | 0. | 0. | 0. | 0. | 1. |
| MAR | 0. | 1. | 0. | 0. | 0. | 0. | 1. |
| APR | 0. | 1. | 0. | 0. | 0. | 0. | 1. |
| MAY | 0. | 1. | 0. | 0. | 0. | 0. | 1. |
| JUN | 0. | 1. | 0. | 0. | 0. | 0. | 1. |
| JUL | 0. | 1. | 0. | 0. | 0. | 0. | 1. |
| AUG | 0. | 1. | 0. | 0. | 0. | 0. | 1. |
| SEP | 0. | 1. | 0. | 0. | 0. | 0. | 1. |
| OCT | 0. | 1. | 0. | 0. | 0. | 0. | 1. |
| NOV | 0. | 1. | 0. | 0. | 0. | 0. | 1. |
| DEC | 0. | 1. | 0. | 0. | 0. | 0. | 1. |
| TOTAL | 0. | 12. | 0. | 0. | 0. | 0. | 12. |
| <u>MCF</u> | | | | | | | |
| JAN | 0.0 | 172.2 | 0.0 | 0.0 | 0.0 | 0.0 | 172.2 |
| FEB | 0.0 | 117.4 | 0.0 | 0.0 | 0.0 | 0.0 | 117.4 |
| MAR | 0.0 | 81.6 | 0.0 | 0.0 | 0.0 | 0.0 | 81.6 |
| APR | 0.0 | 48.5 | 0.0 | 0.0 | 0.0 | 0.0 | 48.5 |
| MAY | 0.0 | 20.1 | 0.0 | 0.0 | 0.0 | 0.0 | 20.1 |
| JUN | 0.0 | 15.0 | 0.0 | 0.0 | 0.0 | 0.0 | 15.0 |
| JUL | 0.0 | 15.7 | 0.0 | 0.0 | 0.0 | 0.0 | 15.7 |
| AUG | 0.0 | 14.2 | 0.0 | 0.0 | 0.0 | 0.0 | 14.2 |
| SEP | 0.0 | 16.5 | 0.0 | 0.0 | 0.0 | 0.0 | 16.5 |
| OCT | 0.0 | 25.8 | 0.0 | 0.0 | 0.0 | 0.0 | 25.8 |
| NOV | 0.0 | 100.1 | 0.0 | 0.0 | 0.0 | 0.0 | 100.1 |
| DEC | 0.0 | 107.8 | 0.0 | 0.0 | 0.0 | 0.0 | 107.8 |
| TOTAL | 0.0 | 734.9 | 0.0 | 0.0 | 0.0 | 0.0 | 734.9 |
| <u>REVENUE</u> | | | | | | | |
| JAN | 0.00 | 60.27 | 0.00 | 0.00 | 0.00 | 0.00 | 60.27 |
| FEB | 0.00 | 41.09 | 0.00 | 0.00 | 0.00 | 0.00 | 41.09 |
| MAR | 0.00 | 28.56 | 0.00 | 0.00 | 0.00 | 0.00 | 28.56 |
| APR | 0.00 | 16.98 | 0.00 | 0.00 | 0.00 | 0.00 | 16.98 |
| MAY | 0.00 | 7.04 | 0.00 | 0.00 | 0.00 | 0.00 | 7.04 |
| JUN | 0.00 | 5.25 | 0.00 | 0.00 | 0.00 | 0.00 | 5.25 |
| JUL | 0.00 | 5.50 | 0.00 | 0.00 | 0.00 | 0.00 | 5.50 |
| AUG | 0.00 | 4.97 | 0.00 | 0.00 | 0.00 | 0.00 | 4.97 |
| SEP | 0.00 | 5.78 | 0.00 | 0.00 | 0.00 | 0.00 | 5.78 |
| OCT | 0.00 | 9.03 | 0.00 | 0.00 | 0.00 | 0.00 | 9.03 |
| NOV | 0.00 | 35.04 | 0.00 | 0.00 | 0.00 | 0.00 | 35.04 |
| DEC | 0.00 | 37.73 | 0.00 | 0.00 | 0.00 | 0.00 | 37.73 |
| TOTAL | 0.00 | 257.24 | 0.00 | 0.00 | 0.00 | 0.00 | 257.24 |

COLUMBIA GAS OF KENTUCKY, INC.

TOTAL GMB CHOICE
 ACTUAL DATA ADJUSTED FOR PHYSICAL FLOW
 MONTHLY SUMMARY
 TWELVE MONTHS ENDED 2/2013

| MONTH | RESIDENTIAL | COMMERCIAL | INDUSTRIAL | OTHER | WHOLESALE | ELEC_GEN | TOTAL |
|----------------|-------------|------------|------------|-------|-----------|----------|------------|
| <u>BILLS</u> | | | | | | | |
| JAN | 0. | 4091. | 12. | 0. | 0. | 0. | 4103. |
| FEB | 0. | 4079. | 12. | 0. | 0. | 0. | 4091. |
| MAR | 0. | 4255. | 13. | 0. | 0. | 0. | 4268. |
| APR | 0. | 4238. | 12. | 0. | 0. | 0. | 4250. |
| MAY | 0. | 4222. | 12. | 0. | 0. | 0. | 4234. |
| JUN | 0. | 4201. | 12. | 0. | 0. | 0. | 4213. |
| JUL | 0. | 4194. | 12. | 0. | 0. | 0. | 4206. |
| AUG | 0. | 4183. | 12. | 0. | 0. | 0. | 4195. |
| SEP | 0. | 4166. | 12. | 0. | 0. | 0. | 4178. |
| OCT | 0. | 4148. | 12. | 0. | 0. | 0. | 4160. |
| NOV | 0. | 4135. | 12. | 0. | 0. | 0. | 4147. |
| DEC | 0. | 4119. | 12. | 0. | 0. | 0. | 4131. |
| TOTAL | 0. | 50031. | 145. | 0. | 0. | 0. | 50176. |
| <u>MCF</u> | | | | | | | |
| JAN | 0.0 | 336240.9 | 8228.9 | 0.0 | 0.0 | 0.0 | 344469.8 |
| FEB | 0.0 | 335728.2 | 7398.1 | 0.0 | 0.0 | 0.0 | 343126.3 |
| MAR | 0.0 | 221633.6 | 5329.9 | 0.0 | 0.0 | 0.0 | 226963.5 |
| APR | 0.0 | 101780.1 | 3039.7 | 0.0 | 0.0 | 0.0 | 104819.8 |
| MAY | 0.0 | 82536.0 | 2986.5 | 0.0 | 0.0 | 0.0 | 85522.5 |
| JUN | 0.0 | 58235.5 | 2149.4 | 0.0 | 0.0 | 0.0 | 60384.9 |
| JUL | 0.0 | 51246.8 | 2351.7 | 0.0 | 0.0 | 0.0 | 53598.5 |
| AUG | 0.0 | 48645.4 | 2137.1 | 0.0 | 0.0 | 0.0 | 50782.5 |
| SEP | 0.0 | 53950.7 | 2237.1 | 0.0 | 0.0 | 0.0 | 56187.8 |
| OCT | 0.0 | 71851.8 | 2824.4 | 0.0 | 0.0 | 0.0 | 74676.2 |
| NOV | 0.0 | 147730.9 | 4813.6 | 0.0 | 0.0 | 0.0 | 152544.5 |
| DEC | 0.0 | 220892.3 | 5851.9 | 0.0 | 0.0 | 0.0 | 226744.2 |
| TOTAL | 0.0 | 1730472.2 | 49348.3 | 0.0 | 0.0 | 0.0 | 1779820.5 |
| <u>REVENUE</u> | | | | | | | |
| JAN | 0.00 | 731716.42 | 14368.91 | 0.00 | 0.00 | 0.00 | 746085.33 |
| FEB | 0.00 | 698307.98 | 13031.42 | 0.00 | 0.00 | 0.00 | 711339.40 |
| MAR | 0.00 | 645087.38 | 9551.59 | 0.00 | 0.00 | 0.00 | 654638.97 |
| APR | 0.00 | 425311.27 | 5691.07 | 0.00 | 0.00 | 0.00 | 431002.34 |
| MAY | 0.00 | 275690.25 | 5559.76 | 0.00 | 0.00 | 0.00 | 281250.01 |
| JUN | 0.00 | 239742.80 | 4178.38 | 0.00 | 0.00 | 0.00 | 243921.18 |
| JUL | 0.00 | 213145.13 | 4463.62 | 0.00 | 0.00 | 0.00 | 217608.75 |
| AUG | 0.00 | 208752.36 | 4093.81 | 0.00 | 0.00 | 0.00 | 212846.17 |
| SEP | 0.00 | 222317.92 | 4168.39 | 0.00 | 0.00 | 0.00 | 226486.31 |
| OCT | 0.00 | 224822.44 | 5347.69 | 0.00 | 0.00 | 0.00 | 230170.13 |
| NOV | 0.00 | 364331.10 | 8789.93 | 0.00 | 0.00 | 0.00 | 373121.03 |
| DEC | 0.00 | 529107.46 | 10499.63 | 0.00 | 0.00 | 0.00 | 539607.09 |
| TOTAL | 0.00 | 4778332.51 | 89744.20 | 0.00 | 0.00 | 0.00 | 4868076.71 |

COLUMBIA GAS OF KENTUCKY, INC.

GMB CHOICE
 ACTUAL DATA ADJUSTED FOR PHYSICAL FLOW
 RATE SCHEDULE GTO - GMB CHOICE BILLED COMMERCIAL INDUSTRIAL CHOICE
 TWELVE MONTHS ENDED 2/2013

| MONTH | RESIDENTIAL | COMMERCIAL | INDUSTRIAL | OTHER | WHOLESALE | ELEC GEN | TOTAL |
|----------------|-------------|------------|------------|-------|-----------|----------|------------|
| <u>BILLS</u> | | | | | | | |
| JAN | 0. | 4091. | 12. | 0. | 0. | 0. | 4103. |
| FEB | 0. | 4079. | 12. | 0. | 0. | 0. | 4091. |
| MAR | 0. | 4255. | 13. | 0. | 0. | 0. | 4268. |
| APR | 0. | 4238. | 12. | 0. | 0. | 0. | 4250. |
| MAY | 0. | 4222. | 12. | 0. | 0. | 0. | 4234. |
| JUN | 0. | 4201. | 12. | 0. | 0. | 0. | 4213. |
| JUL | 0. | 4194. | 12. | 0. | 0. | 0. | 4206. |
| AUG | 0. | 4183. | 12. | 0. | 0. | 0. | 4195. |
| SEP | 0. | 4166. | 12. | 0. | 0. | 0. | 4178. |
| OCT | 0. | 4148. | 12. | 0. | 0. | 0. | 4160. |
| NOV | 0. | 4135. | 12. | 0. | 0. | 0. | 4147. |
| DEC | 0. | 4119. | 12. | 0. | 0. | 0. | 4131. |
| TOTAL | 0. | 50031. | 145. | 0. | 0. | 0. | 50176. |
| <u>MCF</u> | | | | | | | |
| JAN | 0.0 | 336240.9 | 8228.9 | 0.0 | 0.0 | 0.0 | 344469.8 |
| FEB | 0.0 | 335728.2 | 7398.1 | 0.0 | 0.0 | 0.0 | 343126.3 |
| MAR | 0.0 | 221633.6 | 5329.9 | 0.0 | 0.0 | 0.0 | 226963.5 |
| APR | 0.0 | 101780.1 | 3039.7 | 0.0 | 0.0 | 0.0 | 104819.8 |
| MAY | 0.0 | 82536.0 | 2986.5 | 0.0 | 0.0 | 0.0 | 85522.5 |
| JUN | 0.0 | 58235.5 | 2149.4 | 0.0 | 0.0 | 0.0 | 60384.9 |
| JUL | 0.0 | 51246.8 | 2351.7 | 0.0 | 0.0 | 0.0 | 53598.5 |
| AUG | 0.0 | 48645.4 | 2137.1 | 0.0 | 0.0 | 0.0 | 50782.5 |
| SEP | 0.0 | 53950.7 | 2237.1 | 0.0 | 0.0 | 0.0 | 56187.8 |
| OCT | 0.0 | 71851.8 | 2824.4 | 0.0 | 0.0 | 0.0 | 74676.2 |
| NOV | 0.0 | 147730.9 | 4813.6 | 0.0 | 0.0 | 0.0 | 152544.5 |
| DEC | 0.0 | 220892.3 | 5851.9 | 0.0 | 0.0 | 0.0 | 226744.2 |
| TOTAL | 0.0 | 1730472.2 | 49348.3 | 0.0 | 0.0 | 0.0 | 1779820.5 |
| <u>REVENUE</u> | | | | | | | |
| JAN | 0.00 | 731716.42 | 14368.91 | 0.00 | 0.00 | 0.00 | 746085.33 |
| FEB | 0.00 | 698307.98 | 13031.42 | 0.00 | 0.00 | 0.00 | 711339.40 |
| MAR | 0.00 | 645087.38 | 9551.59 | 0.00 | 0.00 | 0.00 | 654638.97 |
| APR | 0.00 | 425311.27 | 5691.07 | 0.00 | 0.00 | 0.00 | 431002.34 |
| MAY | 0.00 | 275690.25 | 5559.76 | 0.00 | 0.00 | 0.00 | 281250.01 |
| JUN | 0.00 | 239742.80 | 4178.38 | 0.00 | 0.00 | 0.00 | 243921.18 |
| JUL | 0.00 | 213145.13 | 4463.62 | 0.00 | 0.00 | 0.00 | 217608.75 |
| AUG | 0.00 | 208752.36 | 4093.81 | 0.00 | 0.00 | 0.00 | 212846.17 |
| SEP | 0.00 | 222317.92 | 4168.39 | 0.00 | 0.00 | 0.00 | 226486.31 |
| OCT | 0.00 | 224822.44 | 5347.69 | 0.00 | 0.00 | 0.00 | 230170.13 |
| NOV | 0.00 | 364331.10 | 8789.93 | 0.00 | 0.00 | 0.00 | 373121.03 |
| DEC | 0.00 | 529107.46 | 10499.63 | 0.00 | 0.00 | 0.00 | 539607.09 |
| TOTAL | 0.00 | 4778332.51 | 89744.20 | 0.00 | 0.00 | 0.00 | 4868076.71 |

COLUMBIA GAS OF KENTUCKY, INC.

TOTAL TRANSPORTATION
 ACTUAL DATA ADJUSTED FOR PHYSICAL FLOW
 MONTHLY SUMMARY
 TWELVE MONTHS ENDED 2/2013

| MONTH | RESIDENTIAL | COMMERCIAL | INDUSTRIAL | OTHER | WHOLESALE | ELEC GEN | TOTAL |
|----------------|-------------|------------|------------|-------|-----------|----------|------------|
| <u>BILLS</u> | | | | | | | |
| JAN | 0. | 46. | 63. | 0. | 0. | 0. | 109. |
| FEB | 0. | 46. | 63. | 0. | 0. | 0. | 109. |
| MAR | 0. | 46. | 62. | 0. | 0. | 0. | 108. |
| APR | 0. | 46. | 62. | 0. | 0. | 0. | 108. |
| MAY | 0. | 46. | 62. | 0. | 0. | 0. | 108. |
| JUN | 0. | 46. | 62. | 0. | 0. | 0. | 108. |
| JUL | 0. | 46. | 62. | 0. | 0. | 0. | 108. |
| AUG | 0. | 46. | 62. | 0. | 0. | 0. | 108. |
| SEP | 0. | 46. | 62. | 0. | 0. | 0. | 108. |
| OCT | 0. | 46. | 62. | 0. | 0. | 0. | 108. |
| NOV | 0. | 46. | 62. | 0. | 0. | 0. | 108. |
| DEC | 0. | 46. | 63. | 0. | 0. | 0. | 109. |
| TOTAL | 0. | 552. | 747. | 0. | 0. | 0. | 1299. |
| <u>MCF</u> | | | | | | | |
| JAN | 0.0 | 366282.0 | 1807384.0 | 0.0 | 0.0 | 0.0 | 2173666.0 |
| FEB | 0.0 | 452177.0 | 1668598.0 | 0.0 | 0.0 | 0.0 | 2120775.0 |
| MAR | 0.0 | 236781.0 | 1389373.0 | 0.0 | 0.0 | 0.0 | 1626154.0 |
| APR | 0.0 | 204616.0 | 1312643.0 | 0.0 | 0.0 | 0.0 | 1517259.0 |
| MAY | 0.0 | 172541.0 | 1287651.0 | 0.0 | 0.0 | 0.0 | 1460192.0 |
| JUN | 0.0 | 159196.0 | 1252313.0 | 0.0 | 0.0 | 0.0 | 1411509.0 |
| JUL | 0.0 | 163715.0 | 1066611.0 | 0.0 | 0.0 | 0.0 | 1230326.0 |
| AUG | 0.0 | 156588.0 | 1215043.0 | 0.0 | 0.0 | 0.0 | 1371631.0 |
| SEP | 0.0 | 140192.0 | 1201709.0 | 0.0 | 0.0 | 0.0 | 1341901.0 |
| OCT | 0.0 | 191800.0 | 1349274.0 | 0.0 | 0.0 | 0.0 | 1541074.0 |
| NOV | 0.0 | 261208.0 | 1482036.0 | 0.0 | 0.0 | 0.0 | 1743244.0 |
| DEC | 0.0 | 296188.0 | 1493230.0 | 0.0 | 0.0 | 0.0 | 1789418.0 |
| TOTAL | 0.0 | 2801284.0 | 16525865.0 | 0.0 | 0.0 | 0.0 | 19327149.0 |
| <u>REVENUE</u> | | | | | | | |
| JAN | 0.00 | 202920.25 | 550985.26 | 0.00 | 0.00 | 0.00 | 753905.51 |
| FEB | 0.00 | 194170.88 | 547190.90 | 0.00 | 0.00 | 0.00 | 741361.78 |
| MAR | 0.00 | 139615.18 | 412239.32 | 0.00 | 0.00 | 0.00 | 551854.50 |
| APR | 0.00 | 117012.50 | 399434.04 | 0.00 | 0.00 | 0.00 | 516446.54 |
| MAY | 0.00 | 103732.21 | 384317.04 | 0.00 | 0.00 | 0.00 | 488049.25 |
| JUN | 0.00 | 95039.42 | 373803.46 | 0.00 | 0.00 | 0.00 | 468842.88 |
| JUL | 0.00 | 94374.39 | 315872.99 | 0.00 | 0.00 | 0.00 | 410247.38 |
| AUG | 0.00 | 94451.49 | 364586.63 | 0.00 | 0.00 | 0.00 | 459038.12 |
| SEP | 0.00 | 94785.75 | 360467.04 | 0.00 | 0.00 | 0.00 | 455252.79 |
| OCT | 0.00 | 120351.84 | 412280.49 | 0.00 | 0.00 | 0.00 | 532632.33 |
| NOV | 0.00 | 151847.27 | 455675.25 | 0.00 | 0.00 | 0.00 | 607522.52 |
| DEC | 0.00 | 180330.19 | 472508.83 | 0.00 | 0.00 | 0.00 | 652839.02 |
| TOTAL | 0.00 | 1588631.37 | 5049361.25 | 0.00 | 0.00 | 0.00 | 6637992.62 |

COLUMBIA GAS OF KENTUCKY, INC.

TRANSPORTATION
 ACTUAL DATA ADJUSTED FOR PHYSICAL FLOW
 RATE SCHEDULE DS - GTS BILLED GAS DELIVERY SERVICE
 TWELVE MONTHS ENDED 2/2013

| MONTH | RESIDENTIAL | COMMERCIAL | INDUSTRIAL | OTHER | WHOLESALE | ELEC GEN | TOTAL |
|----------------|-------------|------------|------------|-------|-----------|----------|------------|
| <u>BILLS</u> | | | | | | | |
| JAN | 0. | 28. | 37. | 0. | 0. | 0. | 65. |
| FEB | 0. | 28. | 37. | 0. | 0. | 0. | 65. |
| MAR | 0. | 28. | 36. | 0. | 0. | 0. | 64. |
| APR | 0. | 28. | 36. | 0. | 0. | 0. | 64. |
| MAY | 0. | 28. | 36. | 0. | 0. | 0. | 64. |
| JUN | 0. | 28. | 36. | 0. | 0. | 0. | 64. |
| JUL | 0. | 28. | 36. | 0. | 0. | 0. | 64. |
| AUG | 0. | 28. | 36. | 0. | 0. | 0. | 64. |
| SEP | 0. | 28. | 36. | 0. | 0. | 0. | 64. |
| OCT | 0. | 28. | 36. | 0. | 0. | 0. | 64. |
| NOV | 0. | 28. | 36. | 0. | 0. | 0. | 64. |
| DEC | 0. | 28. | 37. | 0. | 0. | 0. | 65. |
| TOTAL | 0. | 336. | 435. | 0. | 0. | 0. | 771. |
| <u>MCF</u> | | | | | | | |
| JAN | 0.0 | 199186.0 | 714496.0 | 0.0 | 0.0 | 0.0 | 913682.0 |
| FEB | 0.0 | 177144.0 | 635901.0 | 0.0 | 0.0 | 0.0 | 813045.0 |
| MAR | 0.0 | 123866.0 | 480736.0 | 0.0 | 0.0 | 0.0 | 604602.0 |
| APR | 0.0 | 106927.0 | 457211.0 | 0.0 | 0.0 | 0.0 | 564138.0 |
| MAY | 0.0 | 87799.0 | 416865.0 | 0.0 | 0.0 | 0.0 | 504664.0 |
| JUN | 0.0 | 78528.0 | 380373.0 | 0.0 | 0.0 | 0.0 | 458901.0 |
| JUL | 0.0 | 73743.0 | 319552.0 | 0.0 | 0.0 | 0.0 | 393295.0 |
| AUG | 0.0 | 78817.0 | 370378.0 | 0.0 | 0.0 | 0.0 | 449195.0 |
| SEP | 0.0 | 84564.0 | 365989.0 | 0.0 | 0.0 | 0.0 | 450553.0 |
| OCT | 0.0 | 116511.0 | 503402.0 | 0.0 | 0.0 | 0.0 | 619913.0 |
| NOV | 0.0 | 151654.0 | 547611.0 | 0.0 | 0.0 | 0.0 | 699265.0 |
| DEC | 0.0 | 161936.0 | 525256.0 | 0.0 | 0.0 | 0.0 | 687192.0 |
| TOTAL | 0.0 | 1440675.0 | 5717770.0 | 0.0 | 0.0 | 0.0 | 7158445.0 |
| <u>REVENUE</u> | | | | | | | |
| JAN | 0.00 | 125355.10 | 326432.21 | 0.00 | 0.00 | 0.00 | 451787.31 |
| FEB | 0.00 | 116184.76 | 344316.42 | 0.00 | 0.00 | 0.00 | 460501.18 |
| MAR | 0.00 | 85617.66 | 253591.22 | 0.00 | 0.00 | 0.00 | 339208.88 |
| APR | 0.00 | 76357.12 | 245775.67 | 0.00 | 0.00 | 0.00 | 322132.79 |
| MAY | 0.00 | 65899.83 | 230962.24 | 0.00 | 0.00 | 0.00 | 296862.07 |
| JUN | 0.00 | 60831.40 | 218713.98 | 0.00 | 0.00 | 0.00 | 279545.38 |
| JUL | 0.00 | 58022.98 | 182381.99 | 0.00 | 0.00 | 0.00 | 240404.97 |
| AUG | 0.00 | 61189.45 | 205719.14 | 0.00 | 0.00 | 0.00 | 266908.59 |
| SEP | 0.00 | 64123.63 | 204138.76 | 0.00 | 0.00 | 0.00 | 268262.39 |
| OCT | 0.00 | 81596.68 | 254644.61 | 0.00 | 0.00 | 0.00 | 336241.29 |
| NOV | 0.00 | 100668.31 | 276984.96 | 0.00 | 0.00 | 0.00 | 377653.27 |
| DEC | 0.00 | 106571.58 | 264768.89 | 0.00 | 0.00 | 0.00 | 371340.47 |
| TOTAL | 0.00 | 1002418.50 | 3008430.09 | 0.00 | 0.00 | 0.00 | 4010848.59 |

COLUMBIA GAS OF KENTUCKY, INC.

TRANSPORTATION
 ACTUAL DATA ADJUSTED FOR PHYSICAL FLOW
 RATE SCHEDULE DS3 - GTS BILLED MAINLINE RATE
 TWELVE MONTHS ENDED 2/2013

| MONTH | RESIDENTIAL | COMMERCIAL | INDUSTRIAL | OTHER | WHOLESALE | ELEC GEN | TOTAL |
|----------------|-------------|------------|------------|-------|-----------|----------|----------|
| <u>BILLS</u> | | | | | | | |
| JAN | 0. | 0. | 3. | 0. | 0. | 0. | 3. |
| FEB | 0. | 0. | 3. | 0. | 0. | 0. | 3. |
| MAR | 0. | 0. | 3. | 0. | 0. | 0. | 3. |
| APR | 0. | 0. | 3. | 0. | 0. | 0. | 3. |
| MAY | 0. | 0. | 3. | 0. | 0. | 0. | 3. |
| JUN | 0. | 0. | 3. | 0. | 0. | 0. | 3. |
| JUL | 0. | 0. | 3. | 0. | 0. | 0. | 3. |
| AUG | 0. | 0. | 3. | 0. | 0. | 0. | 3. |
| SEP | 0. | 0. | 3. | 0. | 0. | 0. | 3. |
| OCT | 0. | 0. | 3. | 0. | 0. | 0. | 3. |
| NOV | 0. | 0. | 3. | 0. | 0. | 0. | 3. |
| DEC | 0. | 0. | 3. | 0. | 0. | 0. | 3. |
| TOTAL | 0. | 0. | 36. | 0. | 0. | 0. | 36. |
| <u>MCF</u> | | | | | | | |
| JAN | 0.0 | 0.0 | 66113.0 | 0.0 | 0.0 | 0.0 | 66113.0 |
| FEB | 0.0 | 0.0 | 59870.0 | 0.0 | 0.0 | 0.0 | 59870.0 |
| MAR | 0.0 | 0.0 | 51228.0 | 0.0 | 0.0 | 0.0 | 51228.0 |
| APR | 0.0 | 0.0 | 52188.0 | 0.0 | 0.0 | 0.0 | 52188.0 |
| MAY | 0.0 | 0.0 | 56890.0 | 0.0 | 0.0 | 0.0 | 56890.0 |
| JUN | 0.0 | 0.0 | 59863.0 | 0.0 | 0.0 | 0.0 | 59863.0 |
| JUL | 0.0 | 0.0 | 60010.0 | 0.0 | 0.0 | 0.0 | 60010.0 |
| AUG | 0.0 | 0.0 | 61614.0 | 0.0 | 0.0 | 0.0 | 61614.0 |
| SEP | 0.0 | 0.0 | 61723.0 | 0.0 | 0.0 | 0.0 | 61723.0 |
| OCT | 0.0 | 0.0 | 69652.0 | 0.0 | 0.0 | 0.0 | 69652.0 |
| NOV | 0.0 | 0.0 | 67859.0 | 0.0 | 0.0 | 0.0 | 67859.0 |
| DEC | 0.0 | 0.0 | 67732.0 | 0.0 | 0.0 | 0.0 | 67732.0 |
| TOTAL | 0.0 | 0.0 | 734742.0 | 0.0 | 0.0 | 0.0 | 734742.0 |
| <u>REVENUE</u> | | | | | | | |
| JAN | 0.00 | 0.00 | 8617.89 | 0.00 | 0.00 | 0.00 | 8617.89 |
| FEB | 0.00 | 0.00 | 5904.54 | 0.00 | 0.00 | 0.00 | 5904.54 |
| MAR | 0.00 | 0.00 | 5163.07 | 0.00 | 0.00 | 0.00 | 5163.07 |
| APR | 0.00 | 0.00 | 5245.43 | 0.00 | 0.00 | 0.00 | 5245.43 |
| MAY | 0.00 | 0.00 | 5648.87 | 0.00 | 0.00 | 0.00 | 5648.87 |
| JUN | 0.00 | 0.00 | 5927.11 | 0.00 | 0.00 | 0.00 | 5927.11 |
| JUL | 0.00 | 0.00 | 5893.40 | 0.00 | 0.00 | 0.00 | 5893.40 |
| AUG | 0.00 | 0.00 | 6054.18 | 0.00 | 0.00 | 0.00 | 6054.18 |
| SEP | 0.00 | 0.00 | 6063.54 | 0.00 | 0.00 | 0.00 | 6063.54 |
| OCT | 0.00 | 0.00 | 6248.27 | 0.00 | 0.00 | 0.00 | 6248.27 |
| NOV | 0.00 | 0.00 | 4907.88 | 0.00 | 0.00 | 0.00 | 4907.88 |
| DEC | 0.00 | 0.00 | 6579.11 | 0.00 | 0.00 | 0.00 | 6579.11 |
| TOTAL | 0.00 | 0.00 | 72253.29 | 0.00 | 0.00 | 0.00 | 72253.29 |

COLUMBIA GAS OF KENTUCKY, INC.

TRANSPORTATION
 ACTUAL DATA ADJUSTED FOR PHYSICAL FLOW
 RATE SCHEDULE FX1 - GTS BILLED UK FLEX RATE
 TWELVE MONTHS ENDED 2/2013

| MONTH | RESIDENTIAL | COMMERCIAL | INDUSTRIAL | OTHER | WHOLESALE | ELEC GEN | TOTAL |
|----------------|-------------|------------|------------|-------|-----------|----------|-----------|
| <u>BILLS</u> | | | | | | | |
| JAN | 0. | 1. | 0. | 0. | 0. | 0. | 1. |
| FEB | 0. | 1. | 0. | 0. | 0. | 0. | 1. |
| MAR | 0. | 1. | 0. | 0. | 0. | 0. | 1. |
| APR | 0. | 1. | 0. | 0. | 0. | 0. | 1. |
| MAY | 0. | 1. | 0. | 0. | 0. | 0. | 1. |
| JUN | 0. | 1. | 0. | 0. | 0. | 0. | 1. |
| JUL | 0. | 1. | 0. | 0. | 0. | 0. | 1. |
| AUG | 0. | 1. | 0. | 0. | 0. | 0. | 1. |
| SEP | 0. | 1. | 0. | 0. | 0. | 0. | 1. |
| OCT | 0. | 1. | 0. | 0. | 0. | 0. | 1. |
| NOV | 0. | 1. | 0. | 0. | 0. | 0. | 1. |
| DEC | 0. | 1. | 0. | 0. | 0. | 0. | 1. |
| TOTAL | 0. | 12. | 0. | 0. | 0. | 0. | 12. |
| <u>MCF</u> | | | | | | | |
| JAN | 0.0 | 91874.0 | 0.0 | 0.0 | 0.0 | 0.0 | 91874.0 |
| FEB | 0.0 | 98863.0 | 0.0 | 0.0 | 0.0 | 0.0 | 98863.0 |
| MAR | 0.0 | 83567.0 | 0.0 | 0.0 | 0.0 | 0.0 | 83567.0 |
| APR | 0.0 | 79225.0 | 0.0 | 0.0 | 0.0 | 0.0 | 79225.0 |
| MAY | 0.0 | 67094.0 | 0.0 | 0.0 | 0.0 | 0.0 | 67094.0 |
| JUN | 0.0 | 64596.0 | 0.0 | 0.0 | 0.0 | 0.0 | 64596.0 |
| JUL | 0.0 | 70691.0 | 0.0 | 0.0 | 0.0 | 0.0 | 70691.0 |
| AUG | 0.0 | 63185.0 | 0.0 | 0.0 | 0.0 | 0.0 | 63185.0 |
| SEP | 0.0 | 41148.0 | 0.0 | 0.0 | 0.0 | 0.0 | 41148.0 |
| OCT | 0.0 | 55916.0 | 0.0 | 0.0 | 0.0 | 0.0 | 55916.0 |
| NOV | 0.0 | 80837.0 | 0.0 | 0.0 | 0.0 | 0.0 | 80837.0 |
| DEC | 0.0 | 97301.0 | 0.0 | 0.0 | 0.0 | 0.0 | 97301.0 |
| TOTAL | 0.0 | 894297.0 | 0.0 | 0.0 | 0.0 | 0.0 | 894297.0 |
| <u>REVENUE</u> | | | | | | | |
| JAN | 0.00 | 12123.54 | 0.00 | 0.00 | 0.00 | 0.00 | 12123.54 |
| FEB | 0.00 | 12997.17 | 0.00 | 0.00 | 0.00 | 0.00 | 12997.17 |
| MAR | 0.00 | 11085.17 | 0.00 | 0.00 | 0.00 | 0.00 | 11085.17 |
| APR | 0.00 | 10542.42 | 0.00 | 0.00 | 0.00 | 0.00 | 10542.42 |
| MAY | 0.00 | 9026.04 | 0.00 | 0.00 | 0.00 | 0.00 | 9026.04 |
| JUN | 0.00 | 8713.79 | 0.00 | 0.00 | 0.00 | 0.00 | 8713.79 |
| JUL | 0.00 | 9475.67 | 0.00 | 0.00 | 0.00 | 0.00 | 9475.67 |
| AUG | 0.00 | 8537.42 | 0.00 | 0.00 | 0.00 | 0.00 | 8537.42 |
| SEP | 0.00 | 5782.79 | 0.00 | 0.00 | 0.00 | 0.00 | 5782.79 |
| OCT | 0.00 | 7628.79 | 0.00 | 0.00 | 0.00 | 0.00 | 7628.79 |
| NOV | 0.00 | 10743.92 | 0.00 | 0.00 | 0.00 | 0.00 | 10743.92 |
| DEC | 0.00 | 12801.92 | 0.00 | 0.00 | 0.00 | 0.00 | 12801.92 |
| TOTAL | 0.00 | 119458.64 | 0.00 | 0.00 | 0.00 | 0.00 | 119458.64 |

COLUMBIA GAS OF KENTUCKY, INC.

TRANSPORTATION
 ACTUAL DATA ADJUSTED FOR PHYSICAL FLOW
 RATE SCHEDULE FX2 - GTS BILLED AMERICAN STANDARD FLEX RATE
 TWELVE MONTHS ENDED 2/2013

| MONTH | RESIDENTIAL | COMMERCIAL | INDUSTRIAL | OTHER | WHOLESALE | ELEC_GEN | TOTAL |
|----------------|-------------|------------|------------|-------|-----------|----------|----------|
| <u>BILLS</u> | | | | | | | |
| JAN | 0. | 1. | 0. | 0. | 0. | 0. | 1. |
| FEB | 0. | 1. | 0. | 0. | 0. | 0. | 1. |
| MAR | 0. | 1. | 0. | 0. | 0. | 0. | 1. |
| APR | 0. | 1. | 0. | 0. | 0. | 0. | 1. |
| MAY | 0. | 1. | 0. | 0. | 0. | 0. | 1. |
| JUN | 0. | 1. | 0. | 0. | 0. | 0. | 1. |
| JUL | 0. | 1. | 0. | 0. | 0. | 0. | 1. |
| AUG | 0. | 1. | 0. | 0. | 0. | 0. | 1. |
| SEP | 0. | 1. | 0. | 0. | 0. | 0. | 1. |
| OCT | 0. | 1. | 0. | 0. | 0. | 0. | 1. |
| NOV | 0. | 1. | 0. | 0. | 0. | 0. | 1. |
| DEC | 0. | 1. | 0. | 0. | 0. | 0. | 1. |
| TOTAL | 0. | 12. | 0. | 0. | 0. | 0. | 12. |
| <u>MCF</u> | | | | | | | |
| JAN | 0.0 | 33983.0 | 0.0 | 0.0 | 0.0 | 0.0 | 33983.0 |
| FEB | 0.0 | 135933.0 | 0.0 | 0.0 | 0.0 | 0.0 | 135933.0 |
| MAR | 0.0 | 3517.0 | 0.0 | 0.0 | 0.0 | 0.0 | 3517.0 |
| APR | 0.0 | 296.0 | 0.0 | 0.0 | 0.0 | 0.0 | 296.0 |
| MAY | 0.0 | 21.0 | 0.0 | 0.0 | 0.0 | 0.0 | 21.0 |
| JUN | 0.0 | 20.0 | 0.0 | 0.0 | 0.0 | 0.0 | 20.0 |
| JUL | 0.0 | 2127.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2127.0 |
| AUG | 0.0 | 35.0 | 0.0 | 0.0 | 0.0 | 0.0 | 35.0 |
| SEP | 0.0 | 27.0 | 0.0 | 0.0 | 0.0 | 0.0 | 27.0 |
| OCT | 0.0 | 250.0 | 0.0 | 0.0 | 0.0 | 0.0 | 250.0 |
| NOV | 0.0 | 1113.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1113.0 |
| DEC | 0.0 | 2155.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2155.0 |
| TOTAL | 0.0 | 179477.0 | 0.0 | 0.0 | 0.0 | 0.0 | 179477.0 |
| <u>REVENUE</u> | | | | | | | |
| JAN | 0.00 | 4887.17 | 0.00 | 0.00 | 0.00 | 0.00 | 4887.17 |
| FEB | 0.00 | 7284.17 | 0.00 | 0.00 | 0.00 | 0.00 | 7284.17 |
| MAR | 0.00 | 1078.92 | 0.00 | 0.00 | 0.00 | 0.00 | 1078.92 |
| APR | 0.00 | 676.29 | 0.00 | 0.00 | 0.00 | 0.00 | 676.29 |
| MAY | 0.00 | 641.92 | 0.00 | 0.00 | 0.00 | 0.00 | 641.92 |
| JUN | 0.00 | 641.79 | 0.00 | 0.00 | 0.00 | 0.00 | 641.79 |
| JUL | 0.00 | 905.17 | 0.00 | 0.00 | 0.00 | 0.00 | 905.17 |
| AUG | 0.00 | 643.67 | 0.00 | 0.00 | 0.00 | 0.00 | 643.67 |
| SEP | 0.00 | 642.67 | 0.00 | 0.00 | 0.00 | 0.00 | 642.67 |
| OCT | 0.00 | 670.54 | 0.00 | 0.00 | 0.00 | 0.00 | 670.54 |
| NOV | 0.00 | 778.42 | 0.00 | 0.00 | 0.00 | 0.00 | 778.42 |
| DEC | 0.00 | 1096.67 | 0.00 | 0.00 | 0.00 | 0.00 | 1096.67 |
| TOTAL | 0.00 | 19947.40 | 0.00 | 0.00 | 0.00 | 0.00 | 19947.40 |

COLUMBIA GAS OF KENTUCKY, INC.

TRANSPORTATION
 ACTUAL DATA ADJUSTED FOR PHYSICAL FLOW
 RATE SCHEDULE FX5 - GTS BILLED ASHLAND / CALGON
 TWELVE MONTHS ENDED 2/2013

| MONTH | RESIDENTIAL | COMMERCIAL | INDUSTRIAL | OTHER | WHOLESALE | ELEC GEN | TOTAL |
|----------------|-------------|------------|------------|-------|-----------|----------|-----------|
| <u>BILLS</u> | | | | | | | |
| JAN | 0. | 0. | 3. | 0. | 0. | 0. | 3. |
| FEB | 0. | 0. | 3. | 0. | 0. | 0. | 3. |
| MAR | 0. | 0. | 3. | 0. | 0. | 0. | 3. |
| APR | 0. | 0. | 3. | 0. | 0. | 0. | 3. |
| MAY | 0. | 0. | 3. | 0. | 0. | 0. | 3. |
| JUN | 0. | 0. | 3. | 0. | 0. | 0. | 3. |
| JUL | 0. | 0. | 3. | 0. | 0. | 0. | 3. |
| AUG | 0. | 0. | 3. | 0. | 0. | 0. | 3. |
| SEP | 0. | 0. | 3. | 0. | 0. | 0. | 3. |
| OCT | 0. | 0. | 3. | 0. | 0. | 0. | 3. |
| NOV | 0. | 0. | 3. | 0. | 0. | 0. | 3. |
| DEC | 0. | 0. | 3. | 0. | 0. | 0. | 3. |
| TOTAL | 0. | 0. | 36. | 0. | 0. | 0. | 36. |
| <u>MCF</u> | | | | | | | |
| JAN | 0.0 | 0.0 | 509698.0 | 0.0 | 0.0 | 0.0 | 509698.0 |
| FEB | 0.0 | 0.0 | 480989.0 | 0.0 | 0.0 | 0.0 | 480989.0 |
| MAR | 0.0 | 0.0 | 370983.0 | 0.0 | 0.0 | 0.0 | 370983.0 |
| APR | 0.0 | 0.0 | 320539.0 | 0.0 | 0.0 | 0.0 | 320539.0 |
| MAY | 0.0 | 0.0 | 272353.0 | 0.0 | 0.0 | 0.0 | 272353.0 |
| JUN | 0.0 | 0.0 | 293269.0 | 0.0 | 0.0 | 0.0 | 293269.0 |
| JUL | 0.0 | 0.0 | 312389.0 | 0.0 | 0.0 | 0.0 | 312389.0 |
| AUG | 0.0 | 0.0 | 317274.0 | 0.0 | 0.0 | 0.0 | 317274.0 |
| SEP | 0.0 | 0.0 | 347186.0 | 0.0 | 0.0 | 0.0 | 347186.0 |
| OCT | 0.0 | 0.0 | 375104.0 | 0.0 | 0.0 | 0.0 | 375104.0 |
| NOV | 0.0 | 0.0 | 402007.0 | 0.0 | 0.0 | 0.0 | 402007.0 |
| DEC | 0.0 | 0.0 | 389461.0 | 0.0 | 0.0 | 0.0 | 389461.0 |
| TOTAL | 0.0 | 0.0 | 4391252.0 | 0.0 | 0.0 | 0.0 | 4391252.0 |
| <u>REVENUE</u> | | | | | | | |
| JAN | 0.00 | 0.00 | 44499.79 | 0.00 | 0.00 | 0.00 | 44499.79 |
| FEB | 0.00 | 0.00 | 42036.55 | 0.00 | 0.00 | 0.00 | 42036.55 |
| MAR | 0.00 | 0.00 | 32598.04 | 0.00 | 0.00 | 0.00 | 32598.04 |
| APR | 0.00 | 0.00 | 28269.95 | 0.00 | 0.00 | 0.00 | 28269.95 |
| MAY | 0.00 | 0.00 | 24135.59 | 0.00 | 0.00 | 0.00 | 24135.59 |
| JUN | 0.00 | 0.00 | 25930.19 | 0.00 | 0.00 | 0.00 | 25930.19 |
| JUL | 0.00 | 0.00 | 27570.67 | 0.00 | 0.00 | 0.00 | 27570.67 |
| AUG | 0.00 | 0.00 | 27989.82 | 0.00 | 0.00 | 0.00 | 27989.82 |
| SEP | 0.00 | 0.00 | 30556.26 | 0.00 | 0.00 | 0.00 | 30556.26 |
| OCT | 0.00 | 0.00 | 32951.63 | 0.00 | 0.00 | 0.00 | 32951.63 |
| NOV | 0.00 | 0.00 | 35259.90 | 0.00 | 0.00 | 0.00 | 35259.90 |
| DEC | 0.00 | 0.00 | 34183.45 | 0.00 | 0.00 | 0.00 | 34183.45 |
| TOTAL | 0.00 | 0.00 | 385981.84 | 0.00 | 0.00 | 0.00 | 385981.84 |

COLUMBIA GAS OF KENTUCKY, INC.

TRANSPORTATION
 ACTUAL DATA ADJUSTED FOR PHYSICAL FLOW
 RATE SCHEDULE FX7 - GTS BILLED KES AQUISITIONS
 TWELVE MONTHS ENDED 2/2013

| MONTH | RESIDENTIAL | COMMERCIAL | INDUSTRIAL | OTHER | WHOLESALE | ELEC GEN | TOTAL |
|----------------|-------------|------------|------------|-------|-----------|----------|-----------|
| <u>BILLS</u> | | | | | | | |
| JAN | 0. | 0. | 1. | 0. | 0. | 0. | 1. |
| FEB | 0. | 0. | 1. | 0. | 0. | 0. | 1. |
| MAR | 0. | 0. | 1. | 0. | 0. | 0. | 1. |
| APR | 0. | 0. | 1. | 0. | 0. | 0. | 1. |
| MAY | 0. | 0. | 1. | 0. | 0. | 0. | 1. |
| JUN | 0. | 0. | 1. | 0. | 0. | 0. | 1. |
| JUL | 0. | 0. | 1. | 0. | 0. | 0. | 1. |
| AUG | 0. | 0. | 1. | 0. | 0. | 0. | 1. |
| SEP | 0. | 0. | 1. | 0. | 0. | 0. | 1. |
| OCT | 0. | 0. | 1. | 0. | 0. | 0. | 1. |
| NOV | 0. | 0. | 1. | 0. | 0. | 0. | 1. |
| DEC | 0. | 0. | 1. | 0. | 0. | 0. | 1. |
| TOTAL | 0. | 0. | 12. | 0. | 0. | 0. | 12. |
| <u>MCF</u> | | | | | | | |
| JAN | 0.0 | 0.0 | 44077.0 | 0.0 | 0.0 | 0.0 | 44077.0 |
| FEB | 0.0 | 0.0 | 26389.0 | 0.0 | 0.0 | 0.0 | 26389.0 |
| MAR | 0.0 | 0.0 | 34280.0 | 0.0 | 0.0 | 0.0 | 34280.0 |
| APR | 0.0 | 0.0 | 38707.0 | 0.0 | 0.0 | 0.0 | 38707.0 |
| MAY | 0.0 | 0.0 | 39594.0 | 0.0 | 0.0 | 0.0 | 39594.0 |
| JUN | 0.0 | 0.0 | 32875.0 | 0.0 | 0.0 | 0.0 | 32875.0 |
| JUL | 0.0 | 0.0 | 35680.0 | 0.0 | 0.0 | 0.0 | 35680.0 |
| AUG | 0.0 | 0.0 | 34686.0 | 0.0 | 0.0 | 0.0 | 34686.0 |
| SEP | 0.0 | 0.0 | 33984.0 | 0.0 | 0.0 | 0.0 | 33984.0 |
| OCT | 0.0 | 0.0 | 39448.0 | 0.0 | 0.0 | 0.0 | 39448.0 |
| NOV | 0.0 | 0.0 | 32755.0 | 0.0 | 0.0 | 0.0 | 32755.0 |
| DEC | 0.0 | 0.0 | 37647.0 | 0.0 | 0.0 | 0.0 | 37647.0 |
| TOTAL | 0.0 | 0.0 | 430122.0 | 0.0 | 0.0 | 0.0 | 430122.0 |
| <u>REVENUE</u> | | | | | | | |
| JAN | 0.00 | 0.00 | 18040.08 | 0.00 | 0.00 | 0.00 | 18040.08 |
| FEB | 0.00 | 0.00 | 13264.32 | 0.00 | 0.00 | 0.00 | 13264.32 |
| MAR | 0.00 | 0.00 | 14209.29 | 0.00 | 0.00 | 0.00 | 14209.29 |
| APR | 0.00 | 0.00 | 15316.04 | 0.00 | 0.00 | 0.00 | 15316.04 |
| MAY | 0.00 | 0.00 | 15537.79 | 0.00 | 0.00 | 0.00 | 15537.79 |
| JUN | 0.00 | 0.00 | 13858.04 | 0.00 | 0.00 | 0.00 | 13858.04 |
| JUL | 0.00 | 0.00 | 15772.89 | 0.00 | 0.00 | 0.00 | 15772.89 |
| AUG | 0.00 | 0.00 | 15504.51 | 0.00 | 0.00 | 0.00 | 15504.51 |
| SEP | 0.00 | 0.00 | 15314.97 | 0.00 | 0.00 | 0.00 | 15314.97 |
| OCT | 0.00 | 0.00 | 14624.04 | 0.00 | 0.00 | 0.00 | 14624.04 |
| NOV | 0.00 | 0.00 | 17149.35 | 0.00 | 0.00 | 0.00 | 17149.35 |
| DEC | 0.00 | 0.00 | 16303.98 | 0.00 | 0.00 | 0.00 | 16303.98 |
| TOTAL | 0.00 | 0.00 | 184895.30 | 0.00 | 0.00 | 0.00 | 184895.30 |

COLUMBIA GAS OF KENTUCKY, INC.

TRANSPORTATION
 ACTUAL DATA ADJUSTED FOR PHYSICAL FLOW
 RATE SCHEDULE GDS - GTS BILLED GRANDFATHERED DELIVERY SERVICE
 TWELVE MONTHS ENDED 2/2013

| MONTH | RESIDENTIAL | COMMERCIAL | INDUSTRIAL | OTHER | WHOLESALE | ELEC_GEN | TOTAL |
|----------------|-------------|------------|------------|-------|-----------|----------|-----------|
| <u>BILLS</u> | | | | | | | |
| JAN | 0. | 15. | 18. | 0. | 0. | 0. | 33. |
| FEB | 0. | 15. | 18. | 0. | 0. | 0. | 33. |
| MAR | 0. | 15. | 18. | 0. | 0. | 0. | 33. |
| APR | 0. | 15. | 18. | 0. | 0. | 0. | 33. |
| MAY | 0. | 15. | 18. | 0. | 0. | 0. | 33. |
| JUN | 0. | 15. | 18. | 0. | 0. | 0. | 33. |
| JUL | 0. | 15. | 18. | 0. | 0. | 0. | 33. |
| AUG | 0. | 15. | 18. | 0. | 0. | 0. | 33. |
| SEP | 0. | 15. | 18. | 0. | 0. | 0. | 33. |
| OCT | 0. | 15. | 18. | 0. | 0. | 0. | 33. |
| NOV | 0. | 15. | 18. | 0. | 0. | 0. | 33. |
| DEC | 0. | 15. | 18. | 0. | 0. | 0. | 33. |
| TOTAL | 0. | 180. | 216. | 0. | 0. | 0. | 396. |
| <u>MCF</u> | | | | | | | |
| JAN | 0.0 | 31858.0 | 32311.0 | 0.0 | 0.0 | 0.0 | 64169.0 |
| FEB | 0.0 | 31140.0 | 30043.0 | 0.0 | 0.0 | 0.0 | 61183.0 |
| MAR | 0.0 | 22440.0 | 19949.0 | 0.0 | 0.0 | 0.0 | 42389.0 |
| APR | 0.0 | 16920.0 | 17928.0 | 0.0 | 0.0 | 0.0 | 34848.0 |
| MAY | 0.0 | 15806.0 | 14660.0 | 0.0 | 0.0 | 0.0 | 30466.0 |
| JUN | 0.0 | 13287.0 | 16560.0 | 0.0 | 0.0 | 0.0 | 29847.0 |
| JUL | 0.0 | 13537.0 | 12020.0 | 0.0 | 0.0 | 0.0 | 25557.0 |
| AUG | 0.0 | 11563.0 | 12488.0 | 0.0 | 0.0 | 0.0 | 24051.0 |
| SEP | 0.0 | 11724.0 | 12855.0 | 0.0 | 0.0 | 0.0 | 24579.0 |
| OCT | 0.0 | 15029.0 | 16244.0 | 0.0 | 0.0 | 0.0 | 31273.0 |
| NOV | 0.0 | 20458.0 | 23888.0 | 0.0 | 0.0 | 0.0 | 44346.0 |
| DEC | 0.0 | 26700.0 | 25504.0 | 0.0 | 0.0 | 0.0 | 52204.0 |
| TOTAL | 0.0 | 230462.0 | 234450.0 | 0.0 | 0.0 | 0.0 | 464912.0 |
| <u>REVENUE</u> | | | | | | | |
| JAN | 0.00 | 54786.56 | 62745.76 | 0.00 | 0.00 | 0.00 | 117532.32 |
| FEB | 0.00 | 52092.16 | 51864.82 | 0.00 | 0.00 | 0.00 | 103956.98 |
| MAR | 0.00 | 39340.28 | 30767.09 | 0.00 | 0.00 | 0.00 | 70107.37 |
| APR | 0.00 | 28115.10 | 29712.85 | 0.00 | 0.00 | 0.00 | 57827.95 |
| MAY | 0.00 | 26529.59 | 24959.98 | 0.00 | 0.00 | 0.00 | 51489.57 |
| JUN | 0.00 | 22701.52 | 28630.65 | 0.00 | 0.00 | 0.00 | 51332.17 |
| JUL | 0.00 | 23353.87 | 22024.24 | 0.00 | 0.00 | 0.00 | 45378.11 |
| AUG | 0.00 | 21808.12 | 22242.09 | 0.00 | 0.00 | 0.00 | 44050.21 |
| SEP | 0.00 | 22105.43 | 23458.70 | 0.00 | 0.00 | 0.00 | 45564.13 |
| OCT | 0.00 | 27578.35 | 28365.93 | 0.00 | 0.00 | 0.00 | 55944.28 |
| NOV | 0.00 | 35110.61 | 35967.31 | 0.00 | 0.00 | 0.00 | 71077.92 |
| DEC | 0.00 | 54794.65 | 58913.31 | 0.00 | 0.00 | 0.00 | 113707.96 |
| TOTAL | 0.00 | 408316.24 | 419652.73 | 0.00 | 0.00 | 0.00 | 827968.97 |

COLUMBIA GAS OF KENTUCKY, INC.

TRANSPORTATION
 ACTUAL DATA ADJUSTED FOR PHYSICAL FLOW
 RATE SCHEDULE SAS - GTS BILLED SPGL AGENCY SVC
 TWELVE MONTHS ENDED 2/2013

| MONTH | RESIDENTIAL | COMMERCIAL | INDUSTRIAL | OTHER | WHOLESALE | ELEC GEN | TOTAL |
|----------------|-------------|------------|------------|-------|-----------|----------|----------|
| <u>BILLS</u> | | | | | | | |
| JAN | 0. | 1. | 0. | 0. | 0. | 0. | 1. |
| FEB | 0. | 1. | 0. | 0. | 0. | 0. | 1. |
| MAR | 0. | 1. | 0. | 0. | 0. | 0. | 1. |
| APR | 0. | 1. | 0. | 0. | 0. | 0. | 1. |
| MAY | 0. | 1. | 0. | 0. | 0. | 0. | 1. |
| JUN | 0. | 1. | 0. | 0. | 0. | 0. | 1. |
| JUL | 0. | 1. | 0. | 0. | 0. | 0. | 1. |
| AUG | 0. | 1. | 0. | 0. | 0. | 0. | 1. |
| SEP | 0. | 1. | 0. | 0. | 0. | 0. | 1. |
| OCT | 0. | 1. | 0. | 0. | 0. | 0. | 1. |
| NOV | 0. | 1. | 0. | 0. | 0. | 0. | 1. |
| DEC | 0. | 1. | 0. | 0. | 0. | 0. | 1. |
| TOTAL | 0. | 12. | 0. | 0. | 0. | 0. | 12. |
| <u>MCF</u> | | | | | | | |
| JAN | 0.0 | 9381.0 | 0.0 | 0.0 | 0.0 | 0.0 | 9381.0 |
| FEB | 0.0 | 9097.0 | 0.0 | 0.0 | 0.0 | 0.0 | 9097.0 |
| MAR | 0.0 | 3391.0 | 0.0 | 0.0 | 0.0 | 0.0 | 3391.0 |
| APR | 0.0 | 1248.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1248.0 |
| MAY | 0.0 | 1821.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1821.0 |
| JUN | 0.0 | 2765.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2765.0 |
| JUL | 0.0 | 3617.0 | 0.0 | 0.0 | 0.0 | 0.0 | 3617.0 |
| AUG | 0.0 | 2988.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2988.0 |
| SEP | 0.0 | 2729.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2729.0 |
| OCT | 0.0 | 4094.0 | 0.0 | 0.0 | 0.0 | 0.0 | 4094.0 |
| NOV | 0.0 | 7146.0 | 0.0 | 0.0 | 0.0 | 0.0 | 7146.0 |
| DEC | 0.0 | 8096.0 | 0.0 | 0.0 | 0.0 | 0.0 | 8096.0 |
| TOTAL | 0.0 | 56373.0 | 0.0 | 0.0 | 0.0 | 0.0 | 56373.0 |
| <u>REVENUE</u> | | | | | | | |
| JAN | 0.00 | 5767.88 | 0.00 | 0.00 | 0.00 | 0.00 | 5767.88 |
| FEB | 0.00 | 5612.62 | 0.00 | 0.00 | 0.00 | 0.00 | 5612.62 |
| MAR | 0.00 | 2493.15 | 0.00 | 0.00 | 0.00 | 0.00 | 2493.15 |
| APR | 0.00 | 1321.57 | 0.00 | 0.00 | 0.00 | 0.00 | 1321.57 |
| MAY | 0.00 | 1634.83 | 0.00 | 0.00 | 0.00 | 0.00 | 1634.83 |
| JUN | 0.00 | 2150.92 | 0.00 | 0.00 | 0.00 | 0.00 | 2150.92 |
| JUL | 0.00 | 2616.70 | 0.00 | 0.00 | 0.00 | 0.00 | 2616.70 |
| AUG | 0.00 | 2272.83 | 0.00 | 0.00 | 0.00 | 0.00 | 2272.83 |
| SEP | 0.00 | 2131.23 | 0.00 | 0.00 | 0.00 | 0.00 | 2131.23 |
| OCT | 0.00 | 2877.48 | 0.00 | 0.00 | 0.00 | 0.00 | 2877.48 |
| NOV | 0.00 | 4546.01 | 0.00 | 0.00 | 0.00 | 0.00 | 4546.01 |
| DEC | 0.00 | 5065.37 | 0.00 | 0.00 | 0.00 | 0.00 | 5065.37 |
| TOTAL | 0.00 | 38490.59 | 0.00 | 0.00 | 0.00 | 0.00 | 38490.59 |

COLUMBIA GAS OF KENTUCKY, INC.

TRANSPORTATION
 ACTUAL DATA ADJUSTED FOR PHYSICAL FLOW
 RATE SCHEDULE SC3 - GTS BILLED AK STEEL (MAIN)
 TWELVE MONTHS ENDED 2/2013

| MONTH | RESIDENTIAL | COMMERCIAL | INDUSTRIAL | OTHER | WHOLESALE | ELEC GEN | TOTAL |
|----------------|-------------|------------|------------|-------|-----------|----------|-----------|
| <u>BILLS</u> | | | | | | | |
| JAN | 0. | 0. | 1. | 0. | 0. | 0. | 1. |
| FEB | 0. | 0. | 1. | 0. | 0. | 0. | 1. |
| MAR | 0. | 0. | 1. | 0. | 0. | 0. | 1. |
| APR | 0. | 0. | 1. | 0. | 0. | 0. | 1. |
| MAY | 0. | 0. | 1. | 0. | 0. | 0. | 1. |
| JUN | 0. | 0. | 1. | 0. | 0. | 0. | 1. |
| JUL | 0. | 0. | 1. | 0. | 0. | 0. | 1. |
| AUG | 0. | 0. | 1. | 0. | 0. | 0. | 1. |
| SEP | 0. | 0. | 1. | 0. | 0. | 0. | 1. |
| OCT | 0. | 0. | 1. | 0. | 0. | 0. | 1. |
| NOV | 0. | 0. | 1. | 0. | 0. | 0. | 1. |
| DEC | 0. | 0. | 1. | 0. | 0. | 0. | 1. |
| TOTAL | 0. | 0. | 12. | 0. | 0. | 0. | 12. |
| <u>MCF</u> | | | | | | | |
| JAN | 0.0 | 0.0 | 440689.0 | 0.0 | 0.0 | 0.0 | 440689.0 |
| FEB | 0.0 | 0.0 | 435406.0 | 0.0 | 0.0 | 0.0 | 435406.0 |
| MAR | 0.0 | 0.0 | 432197.0 | 0.0 | 0.0 | 0.0 | 432197.0 |
| APR | 0.0 | 0.0 | 426070.0 | 0.0 | 0.0 | 0.0 | 426070.0 |
| MAY | 0.0 | 0.0 | 487289.0 | 0.0 | 0.0 | 0.0 | 487289.0 |
| JUN | 0.0 | 0.0 | 469373.0 | 0.0 | 0.0 | 0.0 | 469373.0 |
| JUL | 0.0 | 0.0 | 326960.0 | 0.0 | 0.0 | 0.0 | 326960.0 |
| AUG | 0.0 | 0.0 | 418603.0 | 0.0 | 0.0 | 0.0 | 418603.0 |
| SEP | 0.0 | 0.0 | 379972.0 | 0.0 | 0.0 | 0.0 | 379972.0 |
| OCT | 0.0 | 0.0 | 345424.0 | 0.0 | 0.0 | 0.0 | 345424.0 |
| NOV | 0.0 | 0.0 | 407916.0 | 0.0 | 0.0 | 0.0 | 407916.0 |
| DEC | 0.0 | 0.0 | 447630.0 | 0.0 | 0.0 | 0.0 | 447630.0 |
| TOTAL | 0.0 | 0.0 | 5017529.0 | 0.0 | 0.0 | 0.0 | 5017529.0 |
| <u>REVENUE</u> | | | | | | | |
| JAN | 0.00 | 0.00 | 90649.53 | 0.00 | 0.00 | 0.00 | 90649.53 |
| FEB | 0.00 | 0.00 | 89804.25 | 0.00 | 0.00 | 0.00 | 89804.25 |
| MAR | 0.00 | 0.00 | 75910.61 | 0.00 | 0.00 | 0.00 | 75910.61 |
| APR | 0.00 | 0.00 | 75114.10 | 0.00 | 0.00 | 0.00 | 75114.10 |
| MAY | 0.00 | 0.00 | 83072.57 | 0.00 | 0.00 | 0.00 | 83072.57 |
| JUN | 0.00 | 0.00 | 80743.49 | 0.00 | 0.00 | 0.00 | 80743.49 |
| JUL | 0.00 | 0.00 | 62229.80 | 0.00 | 0.00 | 0.00 | 62229.80 |
| AUG | 0.00 | 0.00 | 87076.89 | 0.00 | 0.00 | 0.00 | 87076.89 |
| SEP | 0.00 | 0.00 | 80934.81 | 0.00 | 0.00 | 0.00 | 80934.81 |
| OCT | 0.00 | 0.00 | 75446.01 | 0.00 | 0.00 | 0.00 | 75446.01 |
| NOV | 0.00 | 0.00 | 85405.85 | 0.00 | 0.00 | 0.00 | 85405.85 |
| DEC | 0.00 | 0.00 | 91760.09 | 0.00 | 0.00 | 0.00 | 91760.09 |
| TOTAL | 0.00 | 0.00 | 978148.00 | 0.00 | 0.00 | 0.00 | 978148.00 |

COLUMBIA GAS OF KENTUCKY, INC.
 DISTRIBUTION OF TOTAL COMPANY PROJECTIONS
 WITHIN THE VARIOUS LEVELS OF SERVICE
 FOR THE PROJECTED YEAR 2014
 RESIDENTIAL TARIFF SALES

| | <u>PROJECTED TOTAL CO. (A)</u> | <u>PROJECTED LARGE S.R. (B)</u> | <u>PROJECTED GS + SM SR (C=A-B)</u> | <u>ACTUAL SMALL S.R. (D)</u> | <u>ACTUAL GEN. SERV. (E)</u> | <u>PERCENT SMALL S.R. (F=D/(D+E))</u> | <u>PROJECTED SMALL S.R. (G=F*C)</u> | <u>PROJECTED GENERAL SERV. (H=C-G)</u> |
|--------------|--|---|---|--------------------------------------|--------------------------------------|---|---|--|
| MCF | | | | | | | | |
| JAN | 1320000.0 | 0.0 | 1320000.0 | 0.0 | 1280250.2 | 0.00000 | 0.0 | 1320000.0 |
| FEB | 1251000.0 | 0.0 | 1251000.0 | 0.0 | 1275020.2 | 0.00000 | 0.0 | 1251000.0 |
| MAR | 949000.0 | 0.0 | 949000.0 | 0.0 | 781382.6 | 0.00000 | 0.0 | 949000.0 |
| APR | 582000.0 | 0.0 | 582000.0 | 0.0 | 297202.1 | 0.00000 | 0.0 | 582000.0 |
| MAY | 248000.0 | 0.0 | 248000.0 | 0.0 | 220507.7 | 0.00000 | 0.0 | 248000.0 |
| JUN | 127000.0 | 0.0 | 127000.0 | 0.0 | 110679.8 | 0.00000 | 0.0 | 127000.0 |
| JUL | 86000.0 | 0.0 | 86000.0 | 0.0 | 92935.7 | 0.00000 | 0.0 | 86000.0 |
| AUG | 84000.0 | 0.0 | 84000.0 | 0.0 | 83574.4 | 0.00000 | 0.0 | 84000.0 |
| SEP | 88000.0 | 0.0 | 88000.0 | 0.0 | 93652.6 | 0.00000 | 0.0 | 88000.0 |
| OCT | 140000.0 | 0.0 | 140000.0 | 0.0 | 164118.5 | 0.00000 | 0.0 | 140000.0 |
| NOV | 370000.0 | 0.0 | 370000.0 | 0.0 | 495224.2 | 0.00000 | 0.0 | 370000.0 |
| DEC | 858000.0 | 0.0 | 858000.0 | 0.0 | 843547.0 | 0.00000 | 0.0 | 858000.0 |
| TOTAL | 6103000.0 | 0.0 | 6103000.0 | 0.0 | 5738095.0 | | 0.0 | 6103000.0 |
| BILLS | | | | | | | | |
| JAN | 93214. | 0. | 93214. | 0. | 94917. | | 0. | 93214. |
| FEB | 93363. | 0. | 93363. | 0. | 95248. | | 0. | 93363. |
| MAR | 93177. | 0. | 93177. | 0. | 93634. | | 0. | 93177. |
| APR | 92558. | 0. | 92558. | 0. | 92922. | | 0. | 92558. |
| MAY | 91788. | 0. | 91788. | 0. | 92394. | | 0. | 91788. |
| JUN | 91052. | 0. | 91052. | 0. | 91873. | | 0. | 91052. |
| JUL | 90438. | 0. | 90438. | 0. | 91499. | | 0. | 90438. |
| AUG | 90186. | 0. | 90186. | 0. | 91316. | | 0. | 90186. |
| SEP | 90108. | 0. | 90108. | 0. | 91399. | | 0. | 90108. |
| OCT | 90424. | 0. | 90424. | 0. | 92130. | | 0. | 90424. |
| NOV | 91384. | 0. | 91384. | 0. | 93228. | | 0. | 91384. |
| DEC | 92237. | 0. | 92237. | 0. | 94308. | | 0. | 92237. |
| TOTAL | 1099929. | 0. | 1099929. | 0. | 1114868. | | 0. | 1099929. |

COLUMBIA GAS OF KENTUCKY, INC.
 DISTRIBUTION OF TOTAL COMPANY PROJECTIONS
 WITHIN THE VARIOUS LEVELS OF SERVICE
 FOR THE PROJECTED YEAR 2014
 COMMERCIAL TARIFF SALES

| | <u>PROJECTED TOTAL CO. (A)</u> | <u>PROJECTED LARGE S.R. (B)</u> | <u>PROJECTED GS + SM SR (C=A-B)</u> | <u>ACTUAL SMALL S.R. (D)</u> | <u>ACTUAL GEN. SERV. (E)</u> | <u>PERCENT SMALL S.R. (F=D/(D+E))</u> | <u>PROJECTED SMALL S.R. (G=F*C)</u> | <u>PROJECTED GENERAL SERV. (H=C-G)</u> |
|--------------|--|---|---|--------------------------------------|--------------------------------------|---|---|--|
| MCF | | | | | | | | |
| JAN | 631000.0 | 1773.0 | 629227.0 | 576719.3 | 0.0 | 1.00000 | 629227.0 | 0.0 |
| FEB | 590000.0 | 1498.0 | 588502.0 | 577436.2 | 0.0 | 1.00000 | 588502.0 | 0.0 |
| MAR | 412000.0 | 1221.0 | 410779.0 | 345811.5 | 0.0 | 1.00000 | 410779.0 | 0.0 |
| APR | 252000.0 | 1152.0 | 250848.0 | 160279.0 | 0.0 | 1.00000 | 250848.0 | 0.0 |
| MAY | 115000.0 | 778.0 | 114222.0 | 122521.3 | 0.0 | 1.00000 | 114222.0 | 0.0 |
| JUN | 77000.0 | 692.0 | 76308.0 | 89480.9 | 0.0 | 1.00000 | 76308.0 | 0.0 |
| JUL | 60000.0 | 810.0 | 59190.0 | 82267.2 | 0.0 | 1.00000 | 59190.0 | 0.0 |
| AUG | 45000.0 | 861.0 | 44139.0 | 78837.8 | 0.0 | 1.00000 | 44139.0 | 0.0 |
| SEP | 57000.0 | 771.0 | 56229.0 | 83783.3 | 0.0 | 1.00000 | 56229.0 | 0.0 |
| OCT | 63000.0 | 1069.0 | 61931.0 | 111552.9 | 0.0 | 1.00000 | 61931.0 | 0.0 |
| NOV | 144000.0 | 1511.0 | 142489.0 | 236079.3 | 0.0 | 1.00000 | 142489.0 | 0.0 |
| DEC | 386000.0 | 2044.0 | 383956.0 | 361242.4 | 0.0 | 1.00000 | 383956.0 | 0.0 |
| TOTAL | 2832000.0 | 14180.0 | 2817820.0 | 2826011.1 | 0.0 | | 2817820.0 | 0.0 |
| BILLS | | | | | | | | |
| JAN | 9641. | 22. | 9619. | 9918. | 0. | | 9918. | -299. |
| FEB | 9661. | 22. | 9639. | 9955. | 0. | | 9955. | -316. |
| MAR | 9653. | 22. | 9631. | 9754. | 0. | | 9754. | -123. |
| APR | 9583. | 22. | 9561. | 9683. | 0. | | 9683. | -122. |
| MAY | 9515. | 22. | 9493. | 9610. | 0. | | 9610. | -117. |
| JUN | 9452. | 22. | 9430. | 9540. | 0. | | 9540. | -110. |
| JUL | 9393. | 22. | 9371. | 9517. | 0. | | 9517. | -146. |
| AUG | 9368. | 22. | 9346. | 9480. | 0. | | 9480. | -134. |
| SEP | 9333. | 22. | 9311. | 9477. | 0. | | 9477. | -166. |
| OCT | 9358. | 22. | 9336. | 9541. | 0. | | 9541. | -205. |
| NOV | 9451. | 22. | 9429. | 9708. | 0. | | 9708. | -279. |
| DEC | 9542. | 22. | 9520. | 9829. | 0. | | 9829. | -309. |
| TOTAL | 113950. | 264. | 113686. | 116012. | 0. | | 116012. | -2326. |

COLUMBIA GAS OF KENTUCKY, INC.
 DISTRIBUTION OF TOTAL COMPANY PROJECTIONS
 WITHIN THE VARIOUS LEVELS OF SERVICE
 FOR THE PROJECTED YEAR 2014
 INDUSTRIAL TARIFF SALES

| | <u>PROJECTED TOTAL CO. (A)</u> | <u>PROJECTED LARGE S.R. (B)</u> | <u>PROJECTED GS + SM SR (C=A-B)</u> | <u>ACTUAL SMALL S.R. (D)</u> | <u>ACTUAL GEN. SERV. (E)</u> | <u>PERCENT SMALL S.R. (F=D/(D+E))</u> | <u>PROJECTED SMALL S.R. (G=F*C)</u> | <u>PROJECTED GENERAL SERV. (H=C-G)</u> |
|--------------|--|---|---|--------------------------------------|--------------------------------------|---|---|--|
| MCF | | | | | | | | |
| JAN | 18000.0 | 6767.0 | 11233.0 | 21606.8 | 0.0 | 1.00000 | 11233.0 | 0.0 |
| FEB | 16000.0 | 5599.0 | 10401.0 | 19878.2 | 0.0 | 1.00000 | 10401.0 | 0.0 |
| MAR | 13000.0 | 2748.0 | 10252.0 | 9974.8 | 0.0 | 1.00000 | 10252.0 | 0.0 |
| APR | 11000.0 | 2015.0 | 8985.0 | 12110.8 | 0.0 | 1.00000 | 8985.0 | 0.0 |
| MAY | 9000.0 | 1326.0 | 7674.0 | 7304.2 | 0.0 | 1.00000 | 7674.0 | 0.0 |
| JUN | 9000.0 | 1404.0 | 7596.0 | 5311.6 | 0.0 | 1.00000 | 7596.0 | 0.0 |
| JUL | 9000.0 | 1114.0 | 7886.0 | 9312.9 | 0.0 | 1.00000 | 7886.0 | 0.0 |
| AUG | 9000.0 | 1432.0 | 7568.0 | 14181.2 | 0.0 | 1.00000 | 7568.0 | 0.0 |
| SEP | 8000.0 | 1322.0 | 6678.0 | 12464.9 | 0.0 | 1.00000 | 6678.0 | 0.0 |
| OCT | 10000.0 | 1382.0 | 8618.0 | 17498.2 | 0.0 | 1.00000 | 8618.0 | 0.0 |
| NOV | 11000.0 | 2490.0 | 8510.0 | 19454.6 | 0.0 | 1.00000 | 8510.0 | 0.0 |
| DEC | 17000.0 | 6141.0 | 10859.0 | 18412.3 | 0.0 | 1.00000 | 10859.0 | 0.0 |
| TOTAL | 140000.0 | 33740.0 | 106260.0 | 167510.5 | 0.0 | | 106260.0 | 0.0 |
| BILLS | | | | | | | | |
| JAN | 104. | 41. | 63. | 63. | 0. | | 63. | 0. |
| FEB | 104. | 41. | 63. | 63. | 0. | | 63. | 0. |
| MAR | 101. | 41. | 60. | 60. | 0. | | 60. | 0. |
| APR | 101. | 41. | 60. | 60. | 0. | | 60. | 0. |
| MAY | 101. | 41. | 60. | 60. | 0. | | 60. | 0. |
| JUN | 100. | 41. | 59. | 59. | 0. | | 59. | 0. |
| JUL | 101. | 41. | 60. | 60. | 0. | | 60. | 0. |
| AUG | 102. | 41. | 61. | 61. | 0. | | 61. | 0. |
| SEP | 102. | 41. | 61. | 61. | 0. | | 61. | 0. |
| OCT | 102. | 41. | 61. | 61. | 0. | | 61. | 0. |
| NOV | 102. | 41. | 61. | 61. | 0. | | 61. | 0. |
| DEC | 104. | 41. | 63. | 63. | 0. | | 63. | 0. |
| TOTAL | 1224. | 492. | 732. | 732. | 0. | | 732. | 0. |

COLUMBIA GAS OF KENTUCKY, INC.
 DISTRIBUTION OF TOTAL COMPANY PROJECTIONS
 WITHIN THE VARIOUS LEVELS OF SERVICE
 FOR THE PROJECTED YEAR 2014
 COMMERCIAL TRANSPORTATION

| | <u>PROJECTED TOTAL CO. (A)</u> | <u>PROJECTED LARGE S.R. (B)</u> | <u>PROJECTED GS + SM SR (C=A-B)</u> | <u>ACTUAL SMALL S.R. (D)</u> | <u>ACTUAL GEN. SERV. (E)</u> | <u>PERCENT SMALL S.R. (F=D/(D+E))</u> | <u>PROJECTED SMALL S.R. (G=F*C)</u> | <u>PROJECTED GENERAL SERV. (H=C-G)</u> |
|--------------|--|---|---|--------------------------------------|--------------------------------------|---|---|--|
| MCF | | | | | | | | |
| JAN | 380000.0 | 214070.0 | 165930.0 | N/A | N/A | 1.00000 | 165930.0 | N/A |
| FEB | 342000.0 | 188532.0 | 153468.0 | N/A | N/A | 1.00000 | 153468.0 | N/A |
| MAR | 311000.0 | 172566.0 | 138434.0 | N/A | N/A | 1.00000 | 138434.0 | N/A |
| APR | 222000.0 | 123544.0 | 98456.0 | N/A | N/A | 1.00000 | 98456.0 | N/A |
| MAY | 167000.0 | 85702.0 | 81298.0 | N/A | N/A | 1.00000 | 81298.0 | N/A |
| JUN | 135000.0 | 73065.0 | 61935.0 | N/A | N/A | 1.00000 | 61935.0 | N/A |
| JUL | 132000.0 | 64313.0 | 67687.0 | N/A | N/A | 1.00000 | 67687.0 | N/A |
| AUG | 146000.0 | 68462.0 | 77538.0 | N/A | N/A | 1.00000 | 77538.0 | N/A |
| SEP | 167000.0 | 96608.0 | 70392.0 | N/A | N/A | 1.00000 | 70392.0 | N/A |
| OCT | 217000.0 | 128494.0 | 88506.0 | N/A | N/A | 1.00000 | 88506.0 | N/A |
| NOV | 278000.0 | 164296.0 | 113704.0 | N/A | N/A | 1.00000 | 113704.0 | N/A |
| DEC | 352000.0 | 193124.0 | 158876.0 | N/A | N/A | 1.00000 | 158876.0 | N/A |
| TOTAL | 2849000.0 | 1572776.0 | 1276224.0 | N/A | N/A | | 1276224.0 | N/A |

COLUMBIA GAS OF KENTUCKY, INC.
 DISTRIBUTION OF TOTAL COMPANY PROJECTIONS
 WITHIN THE VARIOUS LEVELS OF SERVICE
 FOR THE PROJECTED YEAR 2014
 INDUSTRIAL TRANSPORTATION

| | <u>PROJECTED TOTAL CO. (A)</u> | <u>PROJECTED LARGE S.R. (B)</u> | <u>PROJECTED GS + SM SR (C=A-B)</u> | <u>ACTUAL SMALL S.R. (D)</u> | <u>ACTUAL GEN. SERV. (E)</u> | <u>PERCENT SMALL S.R. (F=D/(D+E))</u> | <u>PROJECTED SMALL S.R. (G=F*C)</u> | <u>PROJECTED GENERAL SERV. (H=C-G)</u> |
|------------|--|---|---|--------------------------------------|--------------------------------------|---|---|--|
| <u>MCF</u> | | | | | | | | |
| JAN | 1560000.0 | 1494295.0 | 65705.0 | N/A | N/A | 1.00000 | 65705.0 | N/A |
| FEB | 1437000.0 | 1377962.0 | 59038.0 | N/A | N/A | 1.00000 | 59038.0 | N/A |
| MAR | 1364000.0 | 1304997.0 | 59003.0 | N/A | N/A | 1.00000 | 59003.0 | N/A |
| APR | 1224000.0 | 1171775.0 | 52225.0 | N/A | N/A | 1.00000 | 52225.0 | N/A |
| MAY | 1100000.0 | 1051062.0 | 48938.0 | N/A | N/A | 1.00000 | 48938.0 | N/A |
| JUN | 993000.0 | 946036.0 | 46964.0 | N/A | N/A | 1.00000 | 46964.0 | N/A |
| JUL | 1012000.0 | 968298.0 | 43702.0 | N/A | N/A | 1.00000 | 43702.0 | N/A |
| AUG | 1051000.0 | 1001705.0 | 49295.0 | N/A | N/A | 1.00000 | 49295.0 | N/A |
| SEP | 1109000.0 | 1066678.0 | 42322.0 | N/A | N/A | 1.00000 | 42322.0 | N/A |
| OCT | 1189000.0 | 1140055.0 | 48945.0 | N/A | N/A | 1.00000 | 48945.0 | N/A |
| NOV | 1298000.0 | 1247711.0 | 50289.0 | N/A | N/A | 1.00000 | 50289.0 | N/A |
| DEC | 1414000.0 | 1352055.0 | 61945.0 | N/A | N/A | 1.00000 | 61945.0 | N/A |
| TOTAL | 14751000.0 | 14122629.0 | 628371.0 | N/A | N/A | | 628371.0 | N/A |

COLUMBIA GAS OF KENTUCKY, INC.
 DISTRIBUTION OF TOTAL COMPANY PROJECTIONS
 WITHIN THE VARIOUS LEVELS OF SERVICE
 FOR THE PROJECTED YEAR 2014
 RESIDENTIAL CHOICE

| | <u>PROJECTED TOTAL CO. (A)</u> | <u>PROJECTED LARGE S.R. (B)</u> | <u>PROJECTED GS + SM SR (C=A-B)</u> | <u>ACTUAL SMALL S.R. (D)</u> | <u>ACTUAL GEN. SERV. (E)</u> | <u>PERCENT SMALL S.R. (F=D/(D+E))</u> | <u>PROJECTED SMALL S.R. (G=F*C)</u> | <u>PROJECTED GENERAL SERV. (H=C-G)</u> |
|--------------|--|---|---|--------------------------------------|--------------------------------------|---|---|--|
| MCE | | | | | | | | |
| JAN | 410000.0 | 0.0 | 410000.0 | 0.0 | 383288.3 | 0.00000 | 0.0 | 410000.0 |
| FEB | 389000.0 | 0.0 | 389000.0 | 0.0 | 373724.6 | 0.00000 | 0.0 | 389000.0 |
| MAR | 295000.0 | 0.0 | 295000.0 | 0.0 | 251501.0 | 0.00000 | 0.0 | 295000.0 |
| APR | 181000.0 | 0.0 | 181000.0 | 0.0 | 98740.7 | 0.00000 | 0.0 | 181000.0 |
| MAY | 77000.0 | 0.0 | 77000.0 | 0.0 | 74643.5 | 0.00000 | 0.0 | 77000.0 |
| JUN | 39000.0 | 0.0 | 39000.0 | 0.0 | 34091.9 | 0.00000 | 0.0 | 39000.0 |
| JUL | 27000.0 | 0.0 | 27000.0 | 0.0 | 28024.3 | 0.00000 | 0.0 | 27000.0 |
| AUG | 26000.0 | 0.0 | 26000.0 | 0.0 | 26931.6 | 0.00000 | 0.0 | 26000.0 |
| SEP | 27000.0 | 0.0 | 27000.0 | 0.0 | 27359.3 | 0.00000 | 0.0 | 27000.0 |
| OCT | 44000.0 | 0.0 | 44000.0 | 0.0 | 52403.3 | 0.00000 | 0.0 | 44000.0 |
| NOV | 115000.0 | 0.0 | 115000.0 | 0.0 | 158386.6 | 0.00000 | 0.0 | 115000.0 |
| DEC | 267000.0 | 0.0 | 267000.0 | 0.0 | 258988.9 | 0.00000 | 0.0 | 267000.0 |
| TOTAL | 1897000.0 | 0.0 | 1897000.0 | 0.0 | 1768084.0 | | 0.0 | 1897000.0 |
| BILLS | | | | | | | | |
| JAN | 26761. | 0. | 26761. | 0. | 25979. | | 0. | 26761. |
| FEB | 26804. | 0. | 26804. | 0. | 25829. | | 0. | 26804. |
| MAR | 26750. | 0. | 26750. | 0. | 27487. | | 0. | 26750. |
| APR | 26572. | 0. | 26572. | 0. | 27285. | | 0. | 26572. |
| MAY | 26351. | 0. | 26351. | 0. | 27156. | | 0. | 26351. |
| JUN | 26140. | 0. | 26140. | 0. | 27040. | | 0. | 26140. |
| JUL | 25964. | 0. | 25964. | 0. | 26728. | | 0. | 25964. |
| AUG | 25891. | 0. | 25891. | 0. | 26568. | | 0. | 25891. |
| SEP | 25869. | 0. | 25869. | 0. | 26393. | | 0. | 25869. |
| OCT | 25960. | 0. | 25960. | 0. | 26233. | | 0. | 25960. |
| NOV | 26236. | 0. | 26236. | 0. | 26313. | | 0. | 26236. |
| DEC | 26481. | 0. | 26481. | 0. | 26138. | | 0. | 26481. |
| TOTAL | 315779. | 0. | 315779. | 0. | 319149. | | 0. | 315779. |

COLUMBIA GAS OF KENTUCKY, INC.
 DISTRIBUTION OF TOTAL COMPANY PROJECTIONS
 WITHIN THE VARIOUS LEVELS OF SERVICE
 FOR THE PROJECTED YEAR 2014
 COMMERCIAL CHOICE

| | <u>PROJECTED TOTAL CO. (A)</u> | <u>PROJECTED LARGE S.R. (B)</u> | <u>PROJECTED GS + SM SR (C=A-B)</u> | <u>ACTUAL SMALL S.R. (D)</u> | <u>ACTUAL GEN. SERV. (E)</u> | <u>PERCENT SMALL S.R. (F=D/(D+E))</u> | <u>PROJECTED SMALL S.R. (G=F*C)</u> | <u>PROJECTED GENERAL SERV. (H=C-G)</u> |
|--------------|--|---|---|--------------------------------------|--------------------------------------|---|---|--|
| MGE | | | | | | | | |
| JAN | 339000.0 | 5326.0 | 333674.0 | 331985.9 | 0.0 | 1.00000 | 333674.0 | 0.0 |
| FEB | 306000.0 | 4036.0 | 301964.0 | 332035.2 | 0.0 | 1.00000 | 301964.0 | 0.0 |
| MAR | 246000.0 | 2900.0 | 243100.0 | 220422.6 | 0.0 | 1.00000 | 243100.0 | 0.0 |
| APR | 151000.0 | 1400.0 | 149600.0 | 101326.1 | 0.0 | 1.00000 | 149600.0 | 0.0 |
| MAY | 90000.0 | 630.0 | 89370.0 | 82287.0 | 0.0 | 1.00000 | 89370.0 | 0.0 |
| JUN | 67000.0 | 300.0 | 66700.0 | 58089.5 | 0.0 | 1.00000 | 66700.0 | 0.0 |
| JUL | 60000.0 | 300.0 | 59700.0 | 51126.8 | 0.0 | 1.00000 | 59700.0 | 0.0 |
| AUG | 58000.0 | 450.0 | 57550.0 | 48435.4 | 0.0 | 1.00000 | 57550.0 | 0.0 |
| SEP | 69000.0 | 500.0 | 68500.0 | 53687.7 | 0.0 | 1.00000 | 68500.0 | 0.0 |
| OCT | 85000.0 | 1500.0 | 83500.0 | 71091.8 | 0.0 | 1.00000 | 83500.0 | 0.0 |
| NOV | 133000.0 | 2500.0 | 130500.0 | 145326.9 | 0.0 | 1.00000 | 130500.0 | 0.0 |
| DEC | 240000.0 | 4800.0 | 235200.0 | 217718.3 | 0.0 | 1.00000 | 235200.0 | 0.0 |
| TOTAL | 1844000.0 | 24642.0 | 1819358.0 | 1713533.2 | 0.0 | | 1819358.0 | 0.0 |
| BILLS | | | | | | | | |
| JAN | 4194. | 2. | 4192. | 4089. | 0. | | 4089. | 103. |
| FEB | 4204. | 2. | 4202. | 4077. | 0. | | 4077. | 125. |
| MAR | 4199. | 2. | 4197. | 4253. | 0. | | 4253. | -56. |
| APR | 4169. | 2. | 4167. | 4236. | 0. | | 4236. | -69. |
| MAY | 4140. | 2. | 4138. | 4220. | 0. | | 4220. | -82. |
| JUN | 4113. | 2. | 4111. | 4199. | 0. | | 4199. | -88. |
| JUL | 4087. | 2. | 4085. | 4192. | 0. | | 4192. | -107. |
| AUG | 4076. | 2. | 4074. | 4181. | 0. | | 4181. | -107. |
| SEP | 4060. | 2. | 4058. | 4164. | 0. | | 4164. | -106. |
| OCT | 4072. | 2. | 4070. | 4146. | 0. | | 4146. | -76. |
| NOV | 4112. | 2. | 4110. | 4133. | 0. | | 4133. | -23. |
| DEC | 4152. | 2. | 4150. | 4117. | 0. | | 4117. | 33. |
| TOTAL | 49578. | 24. | 49554. | 50007. | 0. | | 50007. | -453. |

COLUMBIA GAS OF KENTUCKY, INC.
 DISTRIBUTION OF TOTAL COMPANY PROJECTIONS
 WITHIN THE VARIOUS LEVELS OF SERVICE
 FOR THE PROJECTED YEAR 2014
 INDUSTRIAL CHOICE

| | <u>PROJECTED TOTAL CO. (A)</u> | <u>PROJECTED LARGE S.R. (B)</u> | <u>PROJECTED GS + SM SR (C=A-B)</u> | <u>ACTUAL SMALL S.R. (D)</u> | <u>ACTUAL GEN. SERV. (E)</u> | <u>PERCENT SMALL S.R. (F=D/(D+E))</u> | <u>PROJECTED SMALL S.R. (G=F*C)</u> | <u>PROJECTED GENERAL SERV. (H=C-G)</u> |
|--------------|--|---|---|--------------------------------------|--------------------------------------|---|---|--|
| <u>MCF</u> | | | | | | | | |
| JAN | 4000.0 | 0.0 | 4000.0 | 8228.9 | 0.0 | 1.00000 | 4000.0 | 0.0 |
| FEB | 4000.0 | 0.0 | 4000.0 | 7398.1 | 0.0 | 1.00000 | 4000.0 | 0.0 |
| MAR | 4000.0 | 0.0 | 4000.0 | 5329.9 | 0.0 | 1.00000 | 4000.0 | 0.0 |
| APR | 4000.0 | 0.0 | 4000.0 | 3039.7 | 0.0 | 1.00000 | 4000.0 | 0.0 |
| MAY | 4000.0 | 0.0 | 4000.0 | 2986.5 | 0.0 | 1.00000 | 4000.0 | 0.0 |
| JUN | 4000.0 | 0.0 | 4000.0 | 2149.4 | 0.0 | 1.00000 | 4000.0 | 0.0 |
| JUL | 4000.0 | 0.0 | 4000.0 | 2352.7 | 0.0 | 1.00000 | 4000.0 | 0.0 |
| AUG | 4000.0 | 0.0 | 4000.0 | 2137.1 | 0.0 | 1.00000 | 4000.0 | 0.0 |
| SEP | 4000.0 | 0.0 | 4000.0 | 2237.1 | 0.0 | 1.00000 | 4000.0 | 0.0 |
| OCT | 4000.0 | 0.0 | 4000.0 | 2824.4 | 0.0 | 1.00000 | 4000.0 | 0.0 |
| NOV | 4000.0 | 0.0 | 4000.0 | 4813.6 | 0.0 | 1.00000 | 4000.0 | 0.0 |
| DEC | 4000.0 | 0.0 | 4000.0 | 5851.9 | 0.0 | 1.00000 | 4000.0 | 0.0 |
| TOTAL | 48000.0 | 0.0 | 48000.0 | 49349.3 | 0.0 | | 48000.0 | 0.0 |
| <u>BILLS</u> | | | | | | | | |
| JAN | 12. | 0. | 12. | 12. | 0. | | 12. | 0. |
| FEB | 12. | 0. | 12. | 12. | 0. | | 12. | 0. |
| MAR | 13. | 0. | 13. | 13. | 0. | | 13. | 0. |
| APR | 12. | 0. | 12. | 12. | 0. | | 12. | 0. |
| MAY | 12. | 0. | 12. | 12. | 0. | | 12. | 0. |
| JUN | 12. | 0. | 12. | 12. | 0. | | 12. | 0. |
| JUL | 12. | 0. | 12. | 12. | 0. | | 12. | 0. |
| AUG | 12. | 0. | 12. | 12. | 0. | | 12. | 0. |
| SEP | 12. | 0. | 12. | 12. | 0. | | 12. | 0. |
| OCT | 12. | 0. | 12. | 12. | 0. | | 12. | 0. |
| NOV | 12. | 0. | 12. | 12. | 0. | | 12. | 0. |
| DEC | 12. | 0. | 12. | 12. | 0. | | 12. | 0. |
| TOTAL | 145. | 0. | 145. | 145. | 0. | | 145. | 0. |

COLUMBIA GAS OF KENTUCKY, INC.
 TEST YEAR DIS BILLED TARIFF REVENUE SUMMARY
 FOR THE TWELVE MONTHS ENDED 12/2014
 0 MONTHS ACTUAL, 12 MONTHS PROJECTED

RATE SCHEDULE - TOTAL CO.

| MONTH | RESIDENTIAL | COMMERCIAL | INDUSTRIAL | OTHER | WHOLESALE | ELEC GEN | TOTAL |
|------------------|-------------|------------|------------|-------|-----------|----------|-------------|
| BILLS | | | | | | | |
| JANUARY | 93215. | -299. | 0. | 0. | 0. | 0. | 92916. |
| FEBRUARY | 93364. | -316. | 0. | 0. | 0. | 0. | 93048. |
| MARCH | 93177. | -123. | 0. | 0. | 0. | 0. | 93054. |
| APRIL | 92558. | -122. | 0. | 0. | 0. | 0. | 92436. |
| MAY | 91788. | -117. | 0. | 0. | 0. | 0. | 91671. |
| JUNE | 91052. | -110. | 0. | 0. | 0. | 0. | 90942. |
| JULY | 90438. | -146. | 0. | 0. | 0. | 0. | 90292. |
| AUGUST | 90186. | -134. | 0. | 0. | 0. | 0. | 90052. |
| SEPTEMBER | 90108. | -166. | 0. | 0. | 0. | 0. | 89942. |
| OCTOBER | 90425. | -205. | 0. | 0. | 0. | 0. | 90220. |
| NOVEMBER | 91385. | -279. | 0. | 0. | 0. | 0. | 91106. |
| DECEMBER | 92238. | -309. | 0. | 0. | 0. | 0. | 91929. |
| TOTAL | 1099934. | -2326. | 0. | 0. | 0. | 0. | 1097608. |
| MCF SALES | | | | | | | |
| JANUARY | 1320000.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1320000.1 |
| FEBRUARY | 1251000.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1251000.0 |
| MARCH | 949000.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 949000.1 |
| APRIL | 581999.9 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 581999.9 |
| MAY | 248000.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 248000.0 |
| JUNE | 127000.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 127000.1 |
| JULY | 86000.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 86000.0 |
| AUGUST | 83999.9 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 83999.9 |
| SEPTEMBER | 88000.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 88000.0 |
| OCTOBER | 140000.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 140000.1 |
| NOVEMBER | 370000.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 370000.0 |
| DECEMBER | 858000.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 858000.0 |
| TOTAL | 6103000.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 6103000.2 |
| REVENUE | | | | | | | |
| JANUARY | 9239153.50 | -8703.89 | 0.00 | 0.00 | 0.00 | 0.00 | 9230449.61 |
| FEBRUARY | 8822761.50 | -9198.76 | 0.00 | 0.00 | 0.00 | 0.00 | 8813562.74 |
| MARCH | 6987268.73 | -3580.53 | 0.00 | 0.00 | 0.00 | 0.00 | 6983688.20 |
| APRIL | 4750562.58 | -3551.42 | 0.00 | 0.00 | 0.00 | 0.00 | 4747011.16 |
| MAY | 2713868.94 | -3405.87 | 0.00 | 0.00 | 0.00 | 0.00 | 2710463.07 |
| JUNE | 1969728.21 | -3202.10 | 0.00 | 0.00 | 0.00 | 0.00 | 1966526.11 |
| JULY | 1712865.46 | -4250.06 | 0.00 | 0.00 | 0.00 | 0.00 | 1708615.40 |
| AUGUST | 1697393.15 | -3900.74 | 0.00 | 0.00 | 0.00 | 0.00 | 1693492.41 |
| SEPTEMBER | 1720632.95 | -4832.26 | 0.00 | 0.00 | 0.00 | 0.00 | 1715800.69 |
| OCTOBER | 2040068.02 | -5967.55 | 0.00 | 0.00 | 0.00 | 0.00 | 2034100.47 |
| NOVEMBER | 3448717.08 | -8121.69 | 0.00 | 0.00 | 0.00 | 0.00 | 3440595.39 |
| DECEMBER | 6422169.51 | -8994.99 | 0.00 | 0.00 | 0.00 | 0.00 | 6413174.52 |
| TOTAL | 51525189.63 | -67709.86 | 0.00 | 0.00 | 0.00 | 0.00 | 51457479.77 |

COLUMBIA GAS OF KENTUCKY, INC.
 TEST YEAR DIS BILLED TARIFF REVENUE SUMMARY
 FOR THE TWELVE MONTHS ENDED 12/2014
 0 MONTHS ACTUAL, 12 MONTHS PROJECTED

| RATE SCHEDULE - GSO | | GENERAL SERVICE OTHER | | | | | |
|---------------------|-------------|-----------------------|------------|-------|-----------|----------|-----------|
| MONTH | RESIDENTIAL | COMMERCIAL | INDUSTRIAL | OTHER | WHOLESALE | ELEC GEN | TOTAL |
| <u>BILLS</u> | | | | | | | |
| JANUARY | 0. | -299. | 0. | 0. | 0. | 0. | -299. |
| FEBRUARY | 0. | -316. | 0. | 0. | 0. | 0. | -316. |
| MARCH | 0. | -123. | 0. | 0. | 0. | 0. | -123. |
| APRIL | 0. | -122. | 0. | 0. | 0. | 0. | -122. |
| MAY | 0. | -117. | 0. | 0. | 0. | 0. | -117. |
| JUNE | 0. | -110. | 0. | 0. | 0. | 0. | -110. |
| JULY | 0. | -146. | 0. | 0. | 0. | 0. | -146. |
| AUGUST | 0. | -134. | 0. | 0. | 0. | 0. | -134. |
| SEPTEMBER | 0. | -166. | 0. | 0. | 0. | 0. | -166. |
| OCTOBER | 0. | -205. | 0. | 0. | 0. | 0. | -205. |
| NOVEMBER | 0. | -279. | 0. | 0. | 0. | 0. | -279. |
| DECEMBER | 0. | -309. | 0. | 0. | 0. | 0. | -309. |
| TOTAL | 0. | -2326. | 0. | 0. | 0. | 0. | -2326. |
| <u>MCF SALES</u> | | | | | | | |
| JANUARY | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| FEBRUARY | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| MARCH | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| APRIL | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| MAY | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| JUNE | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| JULY | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| AUGUST | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| SEPTEMBER | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| OCTOBER | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| NOVEMBER | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| DECEMBER | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| TOTAL | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| <u>REVENUE</u> | | | | | | | |
| JANUARY | 0.00 | -8703.89 | 0.00 | 0.00 | 0.00 | 0.00 | -8703.89 |
| FEBRUARY | 0.00 | -9198.76 | 0.00 | 0.00 | 0.00 | 0.00 | -9198.76 |
| MARCH | 0.00 | -3580.53 | 0.00 | 0.00 | 0.00 | 0.00 | -3580.53 |
| APRIL | 0.00 | -3551.42 | 0.00 | 0.00 | 0.00 | 0.00 | -3551.42 |
| MAY | 0.00 | -3405.87 | 0.00 | 0.00 | 0.00 | 0.00 | -3405.87 |
| JUNE | 0.00 | -3202.10 | 0.00 | 0.00 | 0.00 | 0.00 | -3202.10 |
| JULY | 0.00 | -4250.06 | 0.00 | 0.00 | 0.00 | 0.00 | -4250.06 |
| AUGUST | 0.00 | -3900.74 | 0.00 | 0.00 | 0.00 | 0.00 | -3900.74 |
| SEPTEMBER | 0.00 | -4832.26 | 0.00 | 0.00 | 0.00 | 0.00 | -4832.26 |
| OCTOBER | 0.00 | -5967.55 | 0.00 | 0.00 | 0.00 | 0.00 | -5967.55 |
| NOVEMBER | 0.00 | -8121.69 | 0.00 | 0.00 | 0.00 | 0.00 | -8121.69 |
| DECEMBER | 0.00 | -8994.99 | 0.00 | 0.00 | 0.00 | 0.00 | -8994.99 |
| TOTAL | 0.00 | -67709.86 | 0.00 | 0.00 | 0.00 | 0.00 | -67709.86 |

COLUMBIA GAS OF KENTUCKY, INC.
BILL FREQUENCY ANALYSIS BY RATE BLOCK
FOR THE 12 MONTHS ENDED 12/2014
0 MONTHS ACTUAL, 12 MONTHS PROJECTED

DATA: FULLY PROJECTED
GSR - DIS BILLED TARIFF RESIDENTIAL SERVICE
RESIDENTIAL

| | RATE BLOCK (MCF) | CUMULATIVE BILLS | CONSOLIDATED FACTOR MCF |
|---------------|---------------------|---------------------|----------------------------|
| JANUARY | 0 0.0 | 93183. | 1319015.8 |
| FEBRUARY | 0 0.0 | 93332. | 1250171.9 |
| MARCH | 0 0.0 | 93143. | 948388.9 |
| APRIL | 0 0.0 | 92524. | 581454.2 |
| MAY | 0 0.0 | 91754. | 247810.5 |
| JUNE | 0 0.0 | 91018. | 126905.6 |
| JULY | 0 0.0 | 90404. | 85931.8 |
| AUGUST | 0 0.0 | 90152. | 83945.6 |
| SEPTEMBER | 0 0.0 | 90074. | 87935.1 |
| OCTOBER | 0 0.0 | 90392. | 139834.1 |
| NOVEMBER | 0 0.0 | 91352. | 369638.8 |
| DECEMBER | 0 0.0 | 92206. | 857359.4 |
| TOTAL 12 MOS. | 0 0.0 | 1099534. | 6098391.7 |

COLUMBIA GAS OF KENTUCKY, INC.
BILL FREQUENCY ANALYSIS BY RATE BLOCK
FOR THE 12 MONTHS ENDED 12/2014
0 MONTHS ACTUAL, 12 MONTHS PROJECTED
DATA: FULLY PROJECTED
GIR - DIS BILLED TARIFF RESIDENTIAL LG&E
RESIDENTIAL

| | RATE BLOCK (MCF) | CUMULATIVE BILLS | CONSOLIDATED FACTOR MCF |
|---------------|---------------------|---------------------|----------------------------|
| JANUARY | 0 0.0 | 16. | 394.0 |
| FEBRUARY | 0 0.0 | 16. | 350.2 |
| MARCH | 0 0.0 | 17. | 261.1 |
| APRIL | 0 0.0 | 17. | 171.5 |
| MAY | 0 0.0 | 17. | 78.3 |
| JUNE | 0 0.0 | 17. | 32.4 |
| JULY | 0 0.0 | 17. | 34.8 |
| AUGUST | 0 0.0 | 17. | 21.7 |
| SEPTEMBER | 0 0.0 | 17. | 27.6 |
| OCTOBER | 0 0.0 | 16. | 43.2 |
| NOVEMBER | 0 0.0 | 16. | 135.5 |
| DECEMBER | 0 0.0 | 16. | 254.2 |
| TOTAL 12 MOS. | 0 0.0 | 199. | 1804.5 |

COLUMBIA GAS OF KENTUCKY, INC.
BILL FREQUENCY ANALYSIS BY RATE BLOCK
FOR THE 12 MONTHS ENDED 12/2014
0 MONTHS ACTUAL, 12 MONTHS PROJECTED
DATA: FULLY PROJECTED
IN3 - DIS BILLED TARIFF INLAND/CKY GENERAL SERVICE
RESIDENTIAL

| | RATE BLOCK | | CUMULATIVE | CONSOLIDATED |
|---------------|------------|-----|------------|--------------|
| | (MCF) | | BILLS | FACTOR MCF |
| JANUARY | 0 | 0.0 | 9. | 193.7 |
| FEBRUARY | 0 | 0.0 | 9. | 179.5 |
| MARCH | 0 | 0.0 | 9. | 121.5 |
| APRIL | 0 | 0.0 | 9. | 101.8 |
| MAY | 0 | 0.0 | 9. | 42.4 |
| JUNE | 0 | 0.0 | 9. | 23.4 |
| JULY | 0 | 0.0 | 9. | 12.6 |
| AUGUST | 0 | 0.0 | 9. | 12.1 |
| SEPTEMBER | 0 | 0.0 | 9. | 14.9 |
| OCTOBER | 0 | 0.0 | 9. | 35.6 |
| NOVEMBER | 0 | 0.0 | 9. | 71.1 |
| DECEMBER | 0 | 0.0 | 9. | 136.8 |
| TOTAL 12 MOS. | 0 | 0.0 | 108. | 945.4 |

COLUMBIA GAS OF KENTUCKY, INC.
BILL FREQUENCY ANALYSIS BY RATE BLOCK
FOR THE 12 MONTHS ENDED 12/2014
0 MONTHS ACTUAL, 12 MONTHS PROJECTED
DATA: FULLY PROJECTED
IN4 - DIS BILLED TARIFF INLAND/CKY GENERAL SERVICE
RESIDENTIAL

| | RATE BLOCK | | CUMULATIVE | CONSOLIDATED |
|---------------|------------|-----|------------|--------------|
| | (MCF) | | BILLS | FACTOR MCF |
| JANUARY | 0 | 0.0 | 1. | 20.6 |
| FEBRUARY | 0 | 0.0 | 1. | 17.2 |
| MARCH | 0 | 0.0 | 1. | 14.2 |
| APRIL | 0 | 0.0 | 1. | 16.3 |
| MAY | 0 | 0.0 | 1. | 7.3 |
| JUNE | 0 | 0.0 | 1. | 5.2 |
| JULY | 0 | 0.0 | 1. | 3.2 |
| AUGUST | 0 | 0.0 | 1. | 1.8 |
| SEPTEMBER | 0 | 0.0 | 1. | 2.8 |
| OCTOBER | 0 | 0.0 | 1. | 5.2 |
| NOVEMBER | 0 | 0.0 | 1. | 8.4 |
| DECEMBER | 0 | 0.0 | 1. | 15.2 |
| TOTAL 12 MOS. | 0 | 0.0 | 12. | 117.4 |

COLUMBIA GAS OF KENTUCKY, INC.
BILL FREQUENCY ANALYSIS BY RATE BLOCK
FOR THE 12 MONTHS ENDED 12/2014
0 MONTHS ACTUAL, 12 MONTHS PROJECTED
DATA: FULLY PROJECTED
INS - DIS BILLED TARIFF INLAND/GENERAL SERVICE
RESIDENTIAL

| | RATE BLOCK (MCF) | CUMULATIVE BILLS | CONSOLIDATED FACTOR MCF |
|---------------|---------------------|---------------------|----------------------------|
| JANUARY | 0 0.0 | 3. | 63.8 |
| FEBRUARY | 0 0.0 | 3. | 57.0 |
| MARCH | 0 0.0 | 4. | 67.3 |
| APRIL | 0 0.0 | 4. | 46.6 |
| MAY | 0 0.0 | 4. | 24.5 |
| JUNE | 0 0.0 | 4. | 10.7 |
| JULY | 0 0.0 | 4. | 6.4 |
| AUGUST | 0 0.0 | 4. | 5.9 |
| SEPTEMBER | 0 0.0 | 4. | 5.7 |
| OCTOBER | 0 0.0 | 4. | 14.8 |
| NOVEMBER | 0 0.0 | 4. | 29.2 |
| DECEMBER | 0 0.0 | 3. | 44.2 |
| TOTAL 12 MOS. | 0 0.0 | 45. | 376.1 |

PSC Case No. 2013-001
 AG Set 1 DR No. 268
 Attachment
 Respondent
 Page 1 of 1
 Castestone

COLUMBIA GAS OF KENTUCKY, INC.
 BILL FREQUENCY ANALYSIS BY RATE BLOCK
 FOR THE 12 MONTHS ENDED 12/2014
 MONTHS ACTUAL, 12 MONTHS PROJECTED
 DATA: FULLY PROJECTED
 - DIS BILLED TARIFF RESIDENTIAL / COMMERCIAL
 RESIDENTIAL

| | RATE BLOCK (MCF) | CUMULATIVE BILLS | CONSOLIDATED FACTOR MCF |
|---------------|---------------------|---------------------|----------------------------|
| JANUARY | 0 0.0 | 1. | 144.6 |
| FEBRUARY | 0 0.0 | 1. | 113.6 |
| MARCH | 0 0.0 | 1. | 62.7 |
| APRIL | 0 0.0 | 1. | 62.3 |
| MAY | 0 0.0 | 1. | 6.9 |
| JUNE | 0 0.0 | 1. | 2.6 |
| JULY | 0 0.0 | 1. | 2.0 |
| AUGUST | 0 0.0 | 1. | 2.0 |
| SEPTEMBER | 0 0.0 | 1. | 2.0 |
| OCTOBER | 0 0.0 | 1. | 22.5 |
| NOVEMBER | 0 0.0 | 1. | 54.7 |
| DECEMBER | 0 0.0 | 1. | 84.6 |
| TOTAL 12 MOS. | 0 0.0 | 12. | 560.5 |

PSC Case No. 2013-001
 AG Set 1 DR No. 268
 Attached to Case No. 2013-001
 Response of Columbia Gas of Kentucky, Inc.
 Page 17 of 18

COLUMBIA GAS OF KENTUCKY, INC.
 BILL FREQUENCY ANALYSIS BY RATE BLOCK
 FOR THE 12 MONTHS ENDED 12/2014
 MONTHS ACTUAL, 12 MONTHS PROJECTED
 RATE: FULLY PROJECTED
 - DIS BILLED TARIFF RESIDENTIAL
 CONFIDENTIAL

| | | RATE BLOCK (MCF) | CUMULATIVE BILLS | CONSOLIDATED FACTOR MCF |
|---------------|---|---------------------|---------------------|----------------------------|
| JANUARY | F | 2.0 | 0. | 2.0 |
| | O | 2.0 | 1. | 106.3 |
| FEBRUARY | F | 2.0 | 0. | 2.0 |
| | O | 2.0 | 1. | 52.9 |
| MARCH | F | 2.0 | 0. | 2.0 |
| | O | 2.0 | 1. | 36.7 |
| APRIL | F | 2.0 | 0. | 2.0 |
| | O | 2.0 | 1. | 113.9 |
| MAY | F | 2.0 | 0. | 2.0 |
| | O | 2.0 | 1. | 17.3 |
| JUNE | F | 2.0 | 0. | 2.0 |
| | O | 2.0 | 1. | 7.5 |
| JULY | F | 2.0 | 0. | 2.0 |
| | O | 2.0 | 1. | 7.2 |
| AUGUST | F | 2.0 | 0. | 2.0 |
| | O | 2.0 | 1. | 5.5 |
| SEPTEMBER | F | 2.0 | 0. | 2.0 |
| | O | 2.0 | 1. | 6.1 |
| OCTOBER | F | 2.0 | 0. | 2.0 |
| | O | 2.0 | 1. | 37.1 |
| NOVEMBER | F | 2.0 | 0. | 2.0 |
| | O | 2.0 | 1. | 41.3 |
| DECEMBER | F | 2.0 | 0. | 2.0 |
| | O | 2.0 | 1. | 64.0 |
| TOTAL 12 MOS. | F | 2.0 | 0. | 24.0 |
| | O | 2.0 | 12. | 495.8 |

PSC Case No. 2013-00
 AG Set 1 DR No. 268
 Attachment
 Response
 Page 6

COLUMBIA GAS OF KENTUCKY, INC.
 BILL FREQUENCY ANALYSIS BY RATE BLOCK
 FOR THE 12 MONTHS ENDED 12/2014
 MONTHS ACTUAL, 12 MONTHS PROJECTED
 DATA: FULLY PROJECTED
 - DIS BILLED TARIFF RESIDENTIAL
 RESIDENTIAL

| | RATE BLOCK (MCF) | | GUMULATIVE BILLS | CONSOLIDATED FACTOR MCF |
|---------------|---------------------|-----|---------------------|----------------------------|
| JANUARY | 0 | 0.0 | 1. | 59.3 |
| FEBRUARY | 0 | 0.0 | 1. | 55.7 |
| MARCH | 0 | 0.0 | 1. | 45.7 |
| APRIL | 0 | 0.0 | 1. | 31.3 |
| MAY | 0 | 0.0 | 1. | 10.8 |
| JUNE | 0 | 0.0 | 1. | 10.7 |
| JULY | 0 | 0.0 | 1. | 0.0 |
| AUGUST | 0 | 0.0 | 1. | 3.3 |
| SEPTEMBER | 0 | 0.0 | 1. | 3.8 |
| OCTOBER | 0 | 0.0 | 1. | 5.6 |
| NOVEMBER | 0 | 0.0 | 1. | 19.0 |
| DECEMBER | 0 | 0.0 | 1. | 39.6 |
| TOTAL 12 MOS. | 0 | 0.0 | 12. | 284.8 |

COLUMBIA GAS OF KENTUCKY, INC.
 TEST YEAR DIS BILLED CHOICE REVENUE SUMMARY
 FOR THE TWELVE MONTHS ENDED 12/2014
 0 MONTHS ACTUAL, 12 MONTHS PROJECTED

RATE SCHEDULE - TOTAL CO.

| MONTH | RESIDENTIAL | COMMERCIAL | INDUSTRIAL | OTHER | WHOLESALE | ELEG GEN | TOTAL |
|------------------|-------------|------------|------------|-------|-----------|----------|------------|
| <u>BILLS</u> | | | | | | | |
| JANUARY | 26761. | 103. | 0. | 0. | 0. | 0. | 26864. |
| FEBRUARY | 26804. | 125. | 0. | 0. | 0. | 0. | 26929. |
| MARCH | 26750. | -56. | 0. | 0. | 0. | 0. | 26694. |
| APRIL | 26572. | -69. | 0. | 0. | 0. | 0. | 26503. |
| MAY | 26351. | -82. | 0. | 0. | 0. | 0. | 26269. |
| JUNE | 26140. | -88. | 0. | 0. | 0. | 0. | 26052. |
| JULY | 25964. | -107. | 0. | 0. | 0. | 0. | 25857. |
| AUGUST | 25891. | -107. | 0. | 0. | 0. | 0. | 25784. |
| SEPTEMBER | 25869. | -106. | 0. | 0. | 0. | 0. | 25763. |
| OCTOBER | 25960. | -76. | 0. | 0. | 0. | 0. | 25884. |
| NOVEMBER | 26236. | -23. | 0. | 0. | 0. | 0. | 26213. |
| DECEMBER | 26481. | 33. | 0. | 0. | 0. | 0. | 26514. |
| TOTAL | 315779. | -453. | 0. | 0. | 0. | 0. | 315326. |
| <u>MCF SALES</u> | | | | | | | |
| JANUARY | 410000.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 410000.0 |
| FEBRUARY | 389000.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 389000.0 |
| MARCH | 295000.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 295000.0 |
| APRIL | 181000.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 181000.0 |
| MAY | 77000.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 77000.0 |
| JUNE | 39000.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 39000.0 |
| JULY | 27000.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 27000.0 |
| AUGUST | 26000.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 26000.0 |
| SEPTEMBER | 27000.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 27000.0 |
| OCTOBER | 44000.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 44000.0 |
| NOVEMBER | 115000.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 115000.0 |
| DECEMBER | 267000.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 267000.0 |
| TOTAL | 1897000.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1897000.0 |
| <u>REVENUE</u> | | | | | | | |
| JANUARY | 1145792.37 | 2998.33 | 0.00 | 0.00 | 0.00 | 0.00 | 1148790.70 |
| FEBRUARY | 1105723.68 | 3638.75 | 0.00 | 0.00 | 0.00 | 0.00 | 1109362.43 |
| MARCH | 923122.50 | -1630.16 | 0.00 | 0.00 | 0.00 | 0.00 | 921492.34 |
| APRIL | 700188.24 | -2008.59 | 0.00 | 0.00 | 0.00 | 0.00 | 698179.65 |
| MAY | 496037.67 | -2387.02 | 0.00 | 0.00 | 0.00 | 0.00 | 493650.65 |
| JUNE | 419728.80 | -2561.68 | 0.00 | 0.00 | 0.00 | 0.00 | 417167.12 |
| JULY | 394190.88 | -3114.77 | 0.00 | 0.00 | 0.00 | 0.00 | 391076.11 |
| AUGUST | 391294.47 | -3114.77 | 0.00 | 0.00 | 0.00 | 0.00 | 388179.70 |
| SEPTEMBER | 392939.73 | -3085.66 | 0.00 | 0.00 | 0.00 | 0.00 | 389854.07 |
| OCTOBER | 427033.20 | -2212.36 | 0.00 | 0.00 | 0.00 | 0.00 | 424820.84 |
| NOVEMBER | 568053.12 | -669.53 | 0.00 | 0.00 | 0.00 | 0.00 | 567383.59 |
| DECEMBER | 865399.77 | 960.63 | 0.00 | 0.00 | 0.00 | 0.00 | 866360.40 |
| TOTAL | 7829504.43 | -13186.83 | 0.00 | 0.00 | 0.00 | 0.00 | 7816317.60 |

COLUMBIA GAS OF KENTUCKY, INC.
 TEST YEAR DIS BILLED CHOICE REVENUE SUMMARY
 FOR THE TWELVE MONTHS ENDED 12/2014
 0 MONTHS ACTUAL, 12 MONTHS PROJECTED

| RATE SCHEDULE - GTO | | GENERAL SERVICE OTHER | | | | | |
|---------------------|-------------|-----------------------|------------|-------|-----------|----------|-----------|
| MONTH | RESIDENTIAL | COMMERCIAL | INDUSTRIAL | OTHER | WHOLESALE | ELEC GEN | TOTAL |
| <u>BILLS</u> | | | | | | | |
| JANUARY | 0. | 103. | 0. | 0. | 0. | 0. | 103. |
| FEBRUARY | 0. | 125. | 0. | 0. | 0. | 0. | 125. |
| MARCH | 0. | -56. | 0. | 0. | 0. | 0. | -56. |
| APRIL | 0. | -69. | 0. | 0. | 0. | 0. | -69. |
| MAY | 0. | -82. | 0. | 0. | 0. | 0. | -82. |
| JUNE | 0. | -88. | 0. | 0. | 0. | 0. | -88. |
| JULY | 0. | -107. | 0. | 0. | 0. | 0. | -107. |
| AUGUST | 0. | -107. | 0. | 0. | 0. | 0. | -107. |
| SEPTEMBER | 0. | -106. | 0. | 0. | 0. | 0. | -106. |
| OCTOBER | 0. | -76. | 0. | 0. | 0. | 0. | -76. |
| NOVEMBER | 0. | -23. | 0. | 0. | 0. | 0. | -23. |
| DECEMBER | 0. | 33. | 0. | 0. | 0. | 0. | 33. |
| TOTAL | 0. | -453. | 0. | 0. | 0. | 0. | -453. |
| <u>MCF SALES</u> | | | | | | | |
| JANUARY | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| FEBRUARY | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| MARCH | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| APRIL | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| MAY | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| JUNE | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| JULY | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| AUGUST | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| SEPTEMBER | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| OCTOBER | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| NOVEMBER | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| DECEMBER | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| TOTAL | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| <u>REVENUE</u> | | | | | | | |
| JANUARY | 0.00 | 2998.33 | 0.00 | 0.00 | 0.00 | 0.00 | 2998.33 |
| FEBRUARY | 0.00 | 3638.75 | 0.00 | 0.00 | 0.00 | 0.00 | 3638.75 |
| MARCH | 0.00 | -1630.16 | 0.00 | 0.00 | 0.00 | 0.00 | -1630.16 |
| APRIL | 0.00 | -2008.59 | 0.00 | 0.00 | 0.00 | 0.00 | -2008.59 |
| MAY | 0.00 | -2387.02 | 0.00 | 0.00 | 0.00 | 0.00 | -2387.02 |
| JUNE | 0.00 | -2561.68 | 0.00 | 0.00 | 0.00 | 0.00 | -2561.68 |
| JULY | 0.00 | -3114.77 | 0.00 | 0.00 | 0.00 | 0.00 | -3114.77 |
| AUGUST | 0.00 | -3114.77 | 0.00 | 0.00 | 0.00 | 0.00 | -3114.77 |
| SEPTEMBER | 0.00 | -3085.66 | 0.00 | 0.00 | 0.00 | 0.00 | -3085.66 |
| OCTOBER | 0.00 | -2212.36 | 0.00 | 0.00 | 0.00 | 0.00 | -2212.36 |
| NOVEMBER | 0.00 | -669.53 | 0.00 | 0.00 | 0.00 | 0.00 | -669.53 |
| DECEMBER | 0.00 | 960.63 | 0.00 | 0.00 | 0.00 | 0.00 | 960.63 |
| TOTAL | 0.00 | -13186.83 | 0.00 | 0.00 | 0.00 | 0.00 | -13186.83 |

COLUMBIA GAS OF KENTUCKY, INC.
BILL FREQUENCY ANALYSIS BY RATE BLOCK
FOR THE 12 MONTHS ENDED 12/2014
0 MONTHS ACTUAL, 12 MONTHS PROJECTED
DATA: FULLY PROJECTED
GTR - DIS BILLED GTS RESIDENTIAL CHOICE
RESIDENTIAL

| | RATE BLOCK | | CUMULATIVE | CONSOLIDATED |
|---------------|------------|-----|------------|--------------|
| | (MCF) | | BILLS | FACTOR MCF |
| JANUARY | 0 | 0.0 | 26761. | 410000.0 |
| FEBRUARY | 0 | 0.0 | 26804. | 389000.0 |
| MARCH | 0 | 0.0 | 26750. | 295000.0 |
| APRIL | 0 | 0.0 | 26572. | 181000.0 |
| MAY | 0 | 0.0 | 26351. | 77000.0 |
| JUNE | 0 | 0.0 | 26140. | 39000.0 |
| JULY | 0 | 0.0 | 25964. | 27000.0 |
| AUGUST | 0 | 0.0 | 25891. | 26000.0 |
| SEPTEMBER | 0 | 0.0 | 25869. | 27000.0 |
| OCTOBER | 0 | 0.0 | 25960. | 44000.0 |
| NOVEMBER | 0 | 0.0 | 26236. | 115000.0 |
| DECEMBER | 0 | 0.0 | 26481. | 267000.0 |
| TOTAL 12 MOS. | 0 | 0.0 | 315779. | 1897000.0 |

COLUMBIA GAS OF KENTUCKY, INC.

TOTAL GMB TARIFF
 TEST YEAR PROJECTED REVENUE
 MONTHLY SUMMARY
 TWELVE MONTHS ENDED 12/2014

| MONTH | RESIDENTIAL | COMMERCIAL | INDUSTRIAL | OTHER | WHOLESALE | ELEC GEN | TOTAL |
|----------------|-------------|-------------|------------|-------|-----------|-----------|-------------|
| <u>BILLS</u> | | | | | | | |
| JAN | 0. | 9940. | 104. | 0. | 2. | 1. | 10047. |
| FEB | 0. | 9977. | 104. | 0. | 2. | 1. | 10084. |
| MAR | 0. | 9776. | 101. | 0. | 2. | 1. | 9880. |
| APR | 0. | 9705. | 101. | 0. | 2. | 1. | 9809. |
| MAY | 0. | 9632. | 101. | 0. | 2. | 1. | 9736. |
| JUN | 0. | 9562. | 100. | 0. | 2. | 1. | 9665. |
| JUL | 0. | 9539. | 101. | 0. | 2. | 1. | 9643. |
| AUG | 0. | 9502. | 102. | 0. | 2. | 1. | 9607. |
| SEP | 0. | 9499. | 102. | 0. | 2. | 1. | 9604. |
| OCT | 0. | 9563. | 102. | 0. | 2. | 1. | 9668. |
| NOV | 0. | 9730. | 102. | 0. | 2. | 1. | 9835. |
| DEC | 0. | 9851. | 104. | 0. | 2. | 1. | 9958. |
| TOTAL | 0. | 116276. | 1224. | 0. | 24. | 12. | 117536. |
| <u>MCF</u> | | | | | | | |
| JAN | 0.0 | 630993.5 | 18000.2 | 0.0 | 4460.0 | 573.0 | 654026.7 |
| FEB | 0.0 | 589996.5 | 15999.9 | 0.0 | 2271.0 | 530.0 | 608797.4 |
| MAR | 0.0 | 411997.1 | 13000.1 | 0.0 | 930.0 | 358.0 | 426285.2 |
| APR | 0.0 | 252018.9 | 11000.0 | 0.0 | 662.0 | 399.0 | 264079.9 |
| MAY | 0.0 | 115025.3 | 9000.1 | 0.0 | 418.0 | 12355.0 | 136798.4 |
| JUN | 0.0 | 77009.9 | 9000.1 | 0.0 | 415.0 | 4674.0 | 91099.0 |
| JUL | 0.0 | 60001.9 | 9000.0 | 0.0 | 435.0 | 3444.0 | 72880.9 |
| AUG | 0.0 | 45006.5 | 9000.0 | 0.0 | 659.0 | 2695.0 | 57360.5 |
| SEP | 0.0 | 56996.0 | 8000.4 | 0.0 | 429.0 | 414.0 | 65839.4 |
| OCT | 0.0 | 63023.0 | 9999.9 | 0.0 | 1154.0 | 0.0 | 74176.9 |
| NOV | 0.0 | 143998.8 | 10999.9 | 0.0 | 861.0 | 419.0 | 156278.7 |
| DEC | 0.0 | 386004.2 | 17000.2 | 0.0 | 1150.0 | 156.0 | 404310.4 |
| TOTAL | 0.0 | 2832071.6 | 140000.8 | 0.0 | 13844.0 | 26017.0 | 3011933.4 |
| <u>REVENUE</u> | | | | | | | |
| JAN | 0.00 | 4046911.13 | 100095.90 | 0.00 | 22660.86 | 3428.74 | 4173096.63 |
| FEB | 0.00 | 3805571.67 | 89710.89 | 0.00 | 11904.77 | 3176.40 | 3910363.73 |
| MAR | 0.00 | 2742495.78 | 75276.72 | 0.00 | 5315.50 | 2163.45 | 2825251.45 |
| APR | 0.00 | 1784422.65 | 64074.51 | 0.00 | 3998.63 | 2407.57 | 1854903.36 |
| MAY | 0.00 | 967173.24 | 53354.11 | 0.00 | 2799.69 | 70872.61 | 1094199.65 |
| JUN | 0.00 | 737819.97 | 53372.92 | 0.00 | 2784.95 | 26945.74 | 820923.58 |
| JUL | 0.00 | 635403.79 | 53397.26 | 0.00 | 2883.22 | 19911.49 | 711595.76 |
| AUG | 0.00 | 544775.28 | 52870.28 | 0.00 | 3983.89 | 15628.04 | 617257.49 |
| SEP | 0.00 | 616374.18 | 47165.93 | 0.00 | 2853.74 | 2495.68 | 668889.53 |
| OCT | 0.00 | 654449.74 | 58733.86 | 0.00 | 6416.17 | 29.11 | 719628.88 |
| NOV | 0.00 | 1143752.42 | 63446.98 | 0.00 | 4976.46 | 2525.02 | 1214700.88 |
| DEC | 0.00 | 2589865.60 | 94828.77 | 0.00 | 6396.52 | 960.74 | 2692051.63 |
| TOTAL | 0.00 | 20269015.45 | 806328.13 | 0.00 | 76974.40 | 150544.59 | 21302862.57 |

COLUMBIA GAS OF KENTUCKY, INC.

GMB TARIFF
 TEST YEAR PROJECTED REVENUE
 RATE SCHEDULE GSO - GMB TARIFF SALES BILLED COMMERCIAL INDUSTRIAL SERVICE
 TWELVE MONTHS ENDED 12/2014

| MONTH | RESIDENTIAL | COMMERCIAL | INDUSTRIAL | OTHER | WHOLESALE | ELEC_GEN | TOTAL |
|----------------|-------------|-------------|------------|-------|-----------|-----------|-------------|
| <u>BILLS</u> | | | | | | | |
| JAN | 0. | 9886. | 39. | 0. | 0. | 1. | 9926. |
| FEB | 0. | 9922. | 39. | 0. | 0. | 1. | 9962. |
| MAR | 0. | 9720. | 37. | 0. | 0. | 1. | 9758. |
| APR | 0. | 9649. | 37. | 0. | 0. | 1. | 9687. |
| MAY | 0. | 9577. | 37. | 0. | 0. | 1. | 9615. |
| JUN | 0. | 9507. | 36. | 0. | 0. | 1. | 9544. |
| JUL | 0. | 9484. | 37. | 0. | 0. | 1. | 9522. |
| AUG | 0. | 9447. | 38. | 0. | 0. | 1. | 9486. |
| SEP | 0. | 9443. | 38. | 0. | 0. | 1. | 9482. |
| OCT | 0. | 9507. | 38. | 0. | 0. | 1. | 9546. |
| NOV | 0. | 9675. | 38. | 0. | 0. | 1. | 9714. |
| DEC | 0. | 9796. | 39. | 0. | 0. | 1. | 9836. |
| TOTAL | 0. | 115613. | 453. | 0. | 0. | 12. | 116078. |
| <u>MCF</u> | | | | | | | |
| JAN | 0.0 | 630066.6 | 11282.2 | 0.0 | 0.0 | 573.0 | 641921.8 |
| FEB | 0.0 | 589237.2 | 10450.9 | 0.0 | 0.0 | 530.0 | 600218.1 |
| MAR | 0.0 | 411506.4 | 10302.1 | 0.0 | 0.0 | 358.0 | 422166.5 |
| APR | 0.0 | 251741.6 | 9066.0 | 0.0 | 0.0 | 399.0 | 261206.6 |
| MAY | 0.0 | 114908.1 | 7700.1 | 0.0 | 0.0 | 12355.0 | 134963.2 |
| JUN | 0.0 | 76948.1 | 7600.1 | 0.0 | 0.0 | 4674.0 | 89222.2 |
| JUL | 0.0 | 59958.4 | 7900.0 | 0.0 | 0.0 | 3444.0 | 71302.4 |
| AUG | 0.0 | 44973.5 | 7600.0 | 0.0 | 0.0 | 2695.0 | 55268.5 |
| SEP | 0.0 | 56955.5 | 6700.4 | 0.0 | 0.0 | 414.0 | 64069.9 |
| OCT | 0.0 | 62982.1 | 8699.9 | 0.0 | 0.0 | 0.0 | 71682.0 |
| NOV | 0.0 | 143815.2 | 8599.9 | 0.0 | 0.0 | 419.0 | 152834.1 |
| DEC | 0.0 | 385481.9 | 11000.2 | 0.0 | 0.0 | 156.0 | 396638.1 |
| TOTAL | 0.0 | 2828574.6 | 106901.8 | 0.0 | 0.0 | 26017.0 | 2961493.4 |
| <u>REVENUE</u> | | | | | | | |
| JAN | 0.00 | 4042057.32 | 67798.40 | 0.00 | 0.00 | 3428.74 | 4113284.46 |
| FEB | 0.00 | 3801361.88 | 62890.63 | 0.00 | 0.00 | 3176.40 | 3867428.91 |
| MAR | 0.00 | 2739834.31 | 61814.53 | 0.00 | 0.00 | 2163.45 | 2803812.29 |
| APR | 0.00 | 1782990.02 | 54191.97 | 0.00 | 0.00 | 2407.57 | 1839589.56 |
| MAY | 0.00 | 966402.69 | 46442.11 | 0.00 | 0.00 | 70872.61 | 1083717.41 |
| JUN | 0.00 | 737362.70 | 45992.38 | 0.00 | 0.00 | 26945.74 | 810300.82 |
| JUL | 0.00 | 635054.91 | 47422.34 | 0.00 | 0.00 | 19911.49 | 702388.74 |
| AUG | 0.00 | 544473.16 | 45489.74 | 0.00 | 0.00 | 15628.04 | 605590.94 |
| SEP | 0.00 | 616043.35 | 40253.93 | 0.00 | 0.00 | 2495.68 | 658792.96 |
| OCT | 0.00 | 654140.55 | 51821.86 | 0.00 | 0.00 | 29.11 | 705991.52 |
| NOV | 0.00 | 1142823.69 | 51381.04 | 0.00 | 0.00 | 2525.02 | 1196729.75 |
| DEC | 0.00 | 2587128.52 | 65895.39 | 0.00 | 0.00 | 960.74 | 2653984.65 |
| TOTAL | 0.00 | 20249673.10 | 641394.32 | 0.00 | 0.00 | 150544.59 | 21041612.01 |

COLUMBIA GAS OF KENTUCKY, INC.

GMB TARIFF
 TEST YEAR PROJECTED REVENUE
 RATE SCHEDULE G1C - GMB TARIFF SALES BILLED COMMERCIAL/INDUSTRIAL LG&E
 TWELVE MONTHS ENDED 12/2014

| MONTH | RESIDENTIAL | COMMERCIAL | INDUSTRIAL | OTHER | WHOLESALE | ELEC GEN | TOTAL |
|----------------|-------------|------------|------------|-------|-----------|----------|----------|
| <u>BILLS</u> | | | | | | | |
| JAN | 0. | 4. | 0. | 0. | 0. | 0. | 4. |
| FEB | 0. | 4. | 0. | 0. | 0. | 0. | 4. |
| MAR | 0. | 4. | 0. | 0. | 0. | 0. | 4. |
| APR | 0. | 4. | 0. | 0. | 0. | 0. | 4. |
| MAY | 0. | 4. | 0. | 0. | 0. | 0. | 4. |
| JUN | 0. | 4. | 0. | 0. | 0. | 0. | 4. |
| JUL | 0. | 4. | 0. | 0. | 0. | 0. | 4. |
| AUG | 0. | 4. | 0. | 0. | 0. | 0. | 4. |
| SEP | 0. | 4. | 0. | 0. | 0. | 0. | 4. |
| OCT | 0. | 4. | 0. | 0. | 0. | 0. | 4. |
| NOV | 0. | 4. | 0. | 0. | 0. | 0. | 4. |
| DEC | 0. | 4. | 0. | 0. | 0. | 0. | 4. |
| TOTAL | 0. | 48. | 0. | 0. | 0. | 0. | 48. |
| <u>MCF</u> | | | | | | | |
| JAN | 0.0 | 722.9 | 0.0 | 0.0 | 0.0 | 0.0 | 722.9 |
| FEB | 0.0 | 626.5 | 0.0 | 0.0 | 0.0 | 0.0 | 626.5 |
| MAR | 0.0 | 387.0 | 0.0 | 0.0 | 0.0 | 0.0 | 387.0 |
| APR | 0.0 | 196.9 | 0.0 | 0.0 | 0.0 | 0.0 | 196.9 |
| MAY | 0.0 | 97.1 | 0.0 | 0.0 | 0.0 | 0.0 | 97.1 |
| JUN | 0.0 | 48.7 | 0.0 | 0.0 | 0.0 | 0.0 | 48.7 |
| JUL | 0.0 | 31.9 | 0.0 | 0.0 | 0.0 | 0.0 | 31.9 |
| AUG | 0.0 | 24.8 | 0.0 | 0.0 | 0.0 | 0.0 | 24.8 |
| SEP | 0.0 | 29.1 | 0.0 | 0.0 | 0.0 | 0.0 | 29.1 |
| OCT | 0.0 | 25.5 | 0.0 | 0.0 | 0.0 | 0.0 | 25.5 |
| NOV | 0.0 | 119.3 | 0.0 | 0.0 | 0.0 | 0.0 | 119.3 |
| DEC | 0.0 | 397.6 | 0.0 | 0.0 | 0.0 | 0.0 | 397.6 |
| TOTAL | 0.0 | 2707.3 | 0.0 | 0.0 | 0.0 | 0.0 | 2707.3 |
| <u>REVENUE</u> | | | | | | | |
| JAN | 0.00 | 4781.37 | 0.00 | 0.00 | 0.00 | 0.00 | 4781.37 |
| FEB | 0.00 | 4162.45 | 0.00 | 0.00 | 0.00 | 0.00 | 4162.45 |
| MAR | 0.00 | 2624.74 | 0.00 | 0.00 | 0.00 | 0.00 | 2624.74 |
| APR | 0.00 | 1404.20 | 0.00 | 0.00 | 0.00 | 0.00 | 1404.20 |
| MAY | 0.00 | 763.43 | 0.00 | 0.00 | 0.00 | 0.00 | 763.43 |
| JUN | 0.00 | 452.67 | 0.00 | 0.00 | 0.00 | 0.00 | 452.67 |
| JUL | 0.00 | 344.81 | 0.00 | 0.00 | 0.00 | 0.00 | 344.81 |
| AUG | 0.00 | 299.24 | 0.00 | 0.00 | 0.00 | 0.00 | 299.24 |
| SEP | 0.00 | 326.83 | 0.00 | 0.00 | 0.00 | 0.00 | 326.83 |
| OCT | 0.00 | 303.73 | 0.00 | 0.00 | 0.00 | 0.00 | 303.73 |
| NOV | 0.00 | 905.97 | 0.00 | 0.00 | 0.00 | 0.00 | 905.97 |
| DEC | 0.00 | 2692.78 | 0.00 | 0.00 | 0.00 | 0.00 | 2692.78 |
| TOTAL | 0.00 | 19062.22 | 0.00 | 0.00 | 0.00 | 0.00 | 19062.22 |

COLUMBIA GAS OF KENTUCKY, INC.

GMB TARIFF
 TEST YEAR PROJECTED REVENUE
 RATE SCHEDULE IN3 - GMB TARIFF SALES BILLED INLAND/CKY GENERAL SERVICE
 TWELVE MONTHS ENDED 12/2014

| MONTH | RESIDENTIAL | COMMERCIAL | INDUSTRIAL | OTHER | WHOLESALE | ELEC GEN | TOTAL |
|----------------|-------------|------------|------------|-------|-----------|----------|-------|
| <u>BILLS</u> | | | | | | | |
| JAN | 0. | 1. | 0. | 0. | 0. | 0. | 1. |
| FEB | 0. | 1. | 0. | 0. | 0. | 0. | 1. |
| MAR | 0. | 1. | 0. | 0. | 0. | 0. | 1. |
| APR | 0. | 1. | 0. | 0. | 0. | 0. | 1. |
| MAY | 0. | 1. | 0. | 0. | 0. | 0. | 1. |
| JUN | 0. | 1. | 0. | 0. | 0. | 0. | 1. |
| JUL | 0. | 1. | 0. | 0. | 0. | 0. | 1. |
| AUG | 0. | 1. | 0. | 0. | 0. | 0. | 1. |
| SEP | 0. | 1. | 0. | 0. | 0. | 0. | 1. |
| OCT | 0. | 1. | 0. | 0. | 0. | 0. | 1. |
| NOV | 0. | 1. | 0. | 0. | 0. | 0. | 1. |
| DEC | 0. | 1. | 0. | 0. | 0. | 0. | 1. |
| TOTAL | 0. | 12. | 0. | 0. | 0. | 0. | 12. |
| <u>MCF</u> | | | | | | | |
| JAN | 0.0 | 16.1 | 0.0 | 0.0 | 0.0 | 0.0 | 16.1 |
| FEB | 0.0 | 13.2 | 0.0 | 0.0 | 0.0 | 0.0 | 13.2 |
| MAR | 0.0 | 6.8 | 0.0 | 0.0 | 0.0 | 0.0 | 6.8 |
| APR | 0.0 | 4.5 | 0.0 | 0.0 | 0.0 | 0.0 | 4.5 |
| MAY | 0.0 | 1.4 | 0.0 | 0.0 | 0.0 | 0.0 | 1.4 |
| JUN | 0.0 | 0.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.3 |
| JUL | 0.0 | 0.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.3 |
| AUG | 0.0 | 0.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.2 |
| SEP | 0.0 | 0.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.3 |
| OCT | 0.0 | 1.1 | 0.0 | 0.0 | 0.0 | 0.0 | 1.1 |
| NOV | 0.0 | 3.9 | 0.0 | 0.0 | 0.0 | 0.0 | 3.9 |
| DEC | 0.0 | 10.1 | 0.0 | 0.0 | 0.0 | 0.0 | 10.1 |
| TOTAL | 0.0 | 58.2 | 0.0 | 0.0 | 0.0 | 0.0 | 58.2 |
| <u>REVENUE</u> | | | | | | | |
| JAN | 0.00 | 6.68 | 0.00 | 0.00 | 0.00 | 0.00 | 6.68 |
| FEB | 0.00 | 5.48 | 0.00 | 0.00 | 0.00 | 0.00 | 5.48 |
| MAR | 0.00 | 2.82 | 0.00 | 0.00 | 0.00 | 0.00 | 2.82 |
| APR | 0.00 | 1.87 | 0.00 | 0.00 | 0.00 | 0.00 | 1.87 |
| MAY | 0.00 | 0.58 | 0.00 | 0.00 | 0.00 | 0.00 | 0.58 |
| JUN | 0.00 | 0.12 | 0.00 | 0.00 | 0.00 | 0.00 | 0.12 |
| JUL | 0.00 | 0.12 | 0.00 | 0.00 | 0.00 | 0.00 | 0.12 |
| AUG | 0.00 | 0.08 | 0.00 | 0.00 | 0.00 | 0.00 | 0.08 |
| SEP | 0.00 | 0.12 | 0.00 | 0.00 | 0.00 | 0.00 | 0.12 |
| OCT | 0.00 | 0.46 | 0.00 | 0.00 | 0.00 | 0.00 | 0.46 |
| NOV | 0.00 | 1.62 | 0.00 | 0.00 | 0.00 | 0.00 | 1.62 |
| DEC | 0.00 | 4.19 | 0.00 | 0.00 | 0.00 | 0.00 | 4.19 |
| TOTAL | 0.00 | 24.14 | 0.00 | 0.00 | 0.00 | 0.00 | 24.14 |

COLUMBIA GAS OF KENTUCKY, INC.

GMB TARIFF
 TEST YEAR PROJECTED REVENUE
 RATE SCHEDULE IS - GMB TARIFF SALES BILLED INTERRUPTIBLE SERVICE
 TWELVE MONTHS ENDED 12/2014

| MONTH | RESIDENTIAL | COMMERCIAL | INDUSTRIAL | OTHER | WHOLESALE | ELEC GEN | TOTAL |
|----------------|-------------|------------|------------|-------|-----------|----------|-----------|
| <u>BILLS</u> | | | | | | | |
| JAN | 0. | 0. | 1. | 0. | 0. | 0. | 1. |
| FEB | 0. | 0. | 1. | 0. | 0. | 0. | 1. |
| MAR | 0. | 0. | 1. | 0. | 0. | 0. | 1. |
| APR | 0. | 0. | 1. | 0. | 0. | 0. | 1. |
| MAY | 0. | 0. | 1. | 0. | 0. | 0. | 1. |
| JUN | 0. | 0. | 1. | 0. | 0. | 0. | 1. |
| JUL | 0. | 0. | 1. | 0. | 0. | 0. | 1. |
| AUG | 0. | 0. | 1. | 0. | 0. | 0. | 1. |
| SEP | 0. | 0. | 1. | 0. | 0. | 0. | 1. |
| OCT | 0. | 0. | 1. | 0. | 0. | 0. | 1. |
| NOV | 0. | 0. | 1. | 0. | 0. | 0. | 1. |
| DEC | 0. | 0. | 1. | 0. | 0. | 0. | 1. |
| TOTAL | 0. | 0. | 12. | 0. | 0. | 0. | 12. |
| <u>MCF</u> | | | | | | | |
| JAN | 0.0 | 0.0 | 6718.0 | 0.0 | 0.0 | 0.0 | 6718.0 |
| FEB | 0.0 | 0.0 | 5549.0 | 0.0 | 0.0 | 0.0 | 5549.0 |
| MAR | 0.0 | 0.0 | 2698.0 | 0.0 | 0.0 | 0.0 | 2698.0 |
| APR | 0.0 | 0.0 | 1934.0 | 0.0 | 0.0 | 0.0 | 1934.0 |
| MAY | 0.0 | 0.0 | 1300.0 | 0.0 | 0.0 | 0.0 | 1300.0 |
| JUN | 0.0 | 0.0 | 1400.0 | 0.0 | 0.0 | 0.0 | 1400.0 |
| JUL | 0.0 | 0.0 | 1100.0 | 0.0 | 0.0 | 0.0 | 1100.0 |
| AUG | 0.0 | 0.0 | 1400.0 | 0.0 | 0.0 | 0.0 | 1400.0 |
| SEP | 0.0 | 0.0 | 1300.0 | 0.0 | 0.0 | 0.0 | 1300.0 |
| OCT | 0.0 | 0.0 | 1300.0 | 0.0 | 0.0 | 0.0 | 1300.0 |
| NOV | 0.0 | 0.0 | 2400.0 | 0.0 | 0.0 | 0.0 | 2400.0 |
| DEC | 0.0 | 0.0 | 6000.0 | 0.0 | 0.0 | 0.0 | 6000.0 |
| TOTAL | 0.0 | 0.0 | 33099.0 | 0.0 | 0.0 | 0.0 | 33099.0 |
| <u>REVENUE</u> | | | | | | | |
| JAN | 0.00 | 0.00 | 32297.50 | 0.00 | 0.00 | 0.00 | 32297.50 |
| FEB | 0.00 | 0.00 | 26820.26 | 0.00 | 0.00 | 0.00 | 26820.26 |
| MAR | 0.00 | 0.00 | 13462.19 | 0.00 | 0.00 | 0.00 | 13462.19 |
| APR | 0.00 | 0.00 | 9882.54 | 0.00 | 0.00 | 0.00 | 9882.54 |
| MAY | 0.00 | 0.00 | 6912.00 | 0.00 | 0.00 | 0.00 | 6912.00 |
| JUN | 0.00 | 0.00 | 7380.54 | 0.00 | 0.00 | 0.00 | 7380.54 |
| JUL | 0.00 | 0.00 | 5974.92 | 0.00 | 0.00 | 0.00 | 5974.92 |
| AUG | 0.00 | 0.00 | 7380.54 | 0.00 | 0.00 | 0.00 | 7380.54 |
| SEP | 0.00 | 0.00 | 6912.00 | 0.00 | 0.00 | 0.00 | 6912.00 |
| OCT | 0.00 | 0.00 | 6912.00 | 0.00 | 0.00 | 0.00 | 6912.00 |
| NOV | 0.00 | 0.00 | 12065.94 | 0.00 | 0.00 | 0.00 | 12065.94 |
| DEC | 0.00 | 0.00 | 28933.38 | 0.00 | 0.00 | 0.00 | 28933.38 |
| TOTAL | 0.00 | 0.00 | 164933.81 | 0.00 | 0.00 | 0.00 | 164933.81 |

COLUMBIA GAS OF KENTUCKY, INC.

GMB TARIFF
 TEST YEAR PROJECTED REVENUE
 RATE SCHEDULE IUS - GMB TARIFF SALES BILLED INTRASTATE UTILITY SERVICE
 TWELVE MONTHS ENDED 12/2014

| MONTH | RESIDENTIAL | COMMERCIAL | INDUSTRIAL | OTHER | WHOLESALE | FLEC GEN | TOTAL |
|----------------|-------------|------------|------------|-------|-----------|----------|----------|
| <u>BILLS</u> | | | | | | | |
| JAN | 0. | 0. | 0. | 0. | 2. | 0. | 2. |
| FEB | 0. | 0. | 0. | 0. | 2. | 0. | 2. |
| MAR | 0. | 0. | 0. | 0. | 2. | 0. | 2. |
| APR | 0. | 0. | 0. | 0. | 2. | 0. | 2. |
| MAY | 0. | 0. | 0. | 0. | 2. | 0. | 2. |
| JUN | 0. | 0. | 0. | 0. | 2. | 0. | 2. |
| JUL | 0. | 0. | 0. | 0. | 2. | 0. | 2. |
| AUG | 0. | 0. | 0. | 0. | 2. | 0. | 2. |
| SEP | 0. | 0. | 0. | 0. | 2. | 0. | 2. |
| OCT | 0. | 0. | 0. | 0. | 2. | 0. | 2. |
| NOV | 0. | 0. | 0. | 0. | 2. | 0. | 2. |
| DEC | 0. | 0. | 0. | 0. | 2. | 0. | 2. |
| TOTAL | 0. | 0. | 0. | 0. | 24. | 0. | 24. |
| <u>MCF</u> | | | | | | | |
| JAN | 0.0 | 0.0 | 0.0 | 0.0 | 4460.0 | 0.0 | 4460.0 |
| FEB | 0.0 | 0.0 | 0.0 | 0.0 | 2271.0 | 0.0 | 2271.0 |
| MAR | 0.0 | 0.0 | 0.0 | 0.0 | 930.0 | 0.0 | 930.0 |
| APR | 0.0 | 0.0 | 0.0 | 0.0 | 662.0 | 0.0 | 662.0 |
| MAY | 0.0 | 0.0 | 0.0 | 0.0 | 418.0 | 0.0 | 418.0 |
| JUN | 0.0 | 0.0 | 0.0 | 0.0 | 415.0 | 0.0 | 415.0 |
| JUL | 0.0 | 0.0 | 0.0 | 0.0 | 435.0 | 0.0 | 435.0 |
| AUG | 0.0 | 0.0 | 0.0 | 0.0 | 659.0 | 0.0 | 659.0 |
| SEP | 0.0 | 0.0 | 0.0 | 0.0 | 429.0 | 0.0 | 429.0 |
| OCT | 0.0 | 0.0 | 0.0 | 0.0 | 1154.0 | 0.0 | 1154.0 |
| NOV | 0.0 | 0.0 | 0.0 | 0.0 | 861.0 | 0.0 | 861.0 |
| DEC | 0.0 | 0.0 | 0.0 | 0.0 | 1150.0 | 0.0 | 1150.0 |
| TOTAL | 0.0 | 0.0 | 0.0 | 0.0 | 13844.0 | 0.0 | 13844.0 |
| <u>REVENUE</u> | | | | | | | |
| JAN | 0.00 | 0.00 | 0.00 | 0.00 | 22660.86 | 0.00 | 22660.86 |
| FEB | 0.00 | 0.00 | 0.00 | 0.00 | 11904.77 | 0.00 | 11904.77 |
| MAR | 0.00 | 0.00 | 0.00 | 0.00 | 5315.50 | 0.00 | 5315.50 |
| APR | 0.00 | 0.00 | 0.00 | 0.00 | 3998.63 | 0.00 | 3998.63 |
| MAY | 0.00 | 0.00 | 0.00 | 0.00 | 2799.69 | 0.00 | 2799.69 |
| JUN | 0.00 | 0.00 | 0.00 | 0.00 | 2784.95 | 0.00 | 2784.95 |
| JUL | 0.00 | 0.00 | 0.00 | 0.00 | 2883.22 | 0.00 | 2883.22 |
| AUG | 0.00 | 0.00 | 0.00 | 0.00 | 3983.89 | 0.00 | 3983.89 |
| SEP | 0.00 | 0.00 | 0.00 | 0.00 | 2853.74 | 0.00 | 2853.74 |
| OCT | 0.00 | 0.00 | 0.00 | 0.00 | 6416.17 | 0.00 | 6416.17 |
| NOV | 0.00 | 0.00 | 0.00 | 0.00 | 4976.46 | 0.00 | 4976.46 |
| DEC | 0.00 | 0.00 | 0.00 | 0.00 | 6396.52 | 0.00 | 6396.52 |
| TOTAL | 0.00 | 0.00 | 0.00 | 0.00 | 76974.40 | 0.00 | 76974.40 |

COLUMBIA GAS OF KENTUCKY, INC.

GMB TARIFF
 TEST YEAR PROJECTED REVENUE
 RATE SCHEDULE LG2 - GMB TARIFF SALES BILLED RESIDENTIAL/COMMERCIAL
 TWELVE MONTHS ENDED 12/2014

| MONTH | RESIDENTIAL | COMMERCIAL | INDUSTRIAL | OTHER | WHOLESALE | ELEC GEN | TOTAL |
|----------------|-------------|------------|------------|-------|-----------|----------|--------|
| <u>BILLS</u> | | | | | | | |
| JAN | 0. | 1. | 0. | 0. | 0. | 0. | 1. |
| FEB | 0. | 1. | 0. | 0. | 0. | 0. | 1. |
| MAR | 0. | 1. | 0. | 0. | 0. | 0. | 1. |
| APR | 0. | 1. | 0. | 0. | 0. | 0. | 1. |
| MAY | 0. | 1. | 0. | 0. | 0. | 0. | 1. |
| JUN | 0. | 1. | 0. | 0. | 0. | 0. | 1. |
| JUL | 0. | 1. | 0. | 0. | 0. | 0. | 1. |
| AUG | 0. | 1. | 0. | 0. | 0. | 0. | 1. |
| SEP | 0. | 1. | 0. | 0. | 0. | 0. | 1. |
| OCT | 0. | 1. | 0. | 0. | 0. | 0. | 1. |
| NOV | 0. | 1. | 0. | 0. | 0. | 0. | 1. |
| DEC | 0. | 1. | 0. | 0. | 0. | 0. | 1. |
| TOTAL | 0. | 12. | 0. | 0. | 0. | 0. | 12. |
| <u>MCF</u> | | | | | | | |
| JAN | 0.0 | 187.9 | 0.0 | 0.0 | 0.0 | 0.0 | 187.9 |
| FEB | 0.0 | 119.6 | 0.0 | 0.0 | 0.0 | 0.0 | 119.6 |
| MAR | 0.0 | 96.9 | 0.0 | 0.0 | 0.0 | 0.0 | 96.9 |
| APR | 0.0 | 75.9 | 0.0 | 0.0 | 0.0 | 0.0 | 75.9 |
| MAY | 0.0 | 18.7 | 0.0 | 0.0 | 0.0 | 0.0 | 18.7 |
| JUN | 0.0 | 12.8 | 0.0 | 0.0 | 0.0 | 0.0 | 12.8 |
| JUL | 0.0 | 11.3 | 0.0 | 0.0 | 0.0 | 0.0 | 11.3 |
| AUG | 0.0 | 8.0 | 0.0 | 0.0 | 0.0 | 0.0 | 8.0 |
| SEP | 0.0 | 11.1 | 0.0 | 0.0 | 0.0 | 0.0 | 11.1 |
| OCT | 0.0 | 14.3 | 0.0 | 0.0 | 0.0 | 0.0 | 14.3 |
| NOV | 0.0 | 60.4 | 0.0 | 0.0 | 0.0 | 0.0 | 60.4 |
| DEC | 0.0 | 114.6 | 0.0 | 0.0 | 0.0 | 0.0 | 114.6 |
| TOTAL | 0.0 | 731.5 | 0.0 | 0.0 | 0.0 | 0.0 | 731.5 |
| <u>REVENUE</u> | | | | | | | |
| JAN | 0.00 | 65.76 | 0.00 | 0.00 | 0.00 | 0.00 | 65.76 |
| FEB | 0.00 | 41.86 | 0.00 | 0.00 | 0.00 | 0.00 | 41.86 |
| MAR | 0.00 | 33.91 | 0.00 | 0.00 | 0.00 | 0.00 | 33.91 |
| APR | 0.00 | 26.56 | 0.00 | 0.00 | 0.00 | 0.00 | 26.56 |
| MAY | 0.00 | 6.54 | 0.00 | 0.00 | 0.00 | 0.00 | 6.54 |
| JUN | 0.00 | 4.48 | 0.00 | 0.00 | 0.00 | 0.00 | 4.48 |
| JUL | 0.00 | 3.95 | 0.00 | 0.00 | 0.00 | 0.00 | 3.95 |
| AUG | 0.00 | 2.80 | 0.00 | 0.00 | 0.00 | 0.00 | 2.80 |
| SEP | 0.00 | 3.88 | 0.00 | 0.00 | 0.00 | 0.00 | 3.88 |
| OCT | 0.00 | 5.00 | 0.00 | 0.00 | 0.00 | 0.00 | 5.00 |
| NOV | 0.00 | 21.14 | 0.00 | 0.00 | 0.00 | 0.00 | 21.14 |
| DEC | 0.00 | 40.11 | 0.00 | 0.00 | 0.00 | 0.00 | 40.11 |
| TOTAL | 0.00 | 255.99 | 0.00 | 0.00 | 0.00 | 0.00 | 255.99 |

COLUMBIA GAS OF KENTUCKY, INC. - TEST YEAR PROJECTED DATA
 BILL FREQUENCY ANALYSIS BY RATE BLOCK
 DATA: 0 MOS. ACTUAL 12 MOS. ESTIMATED
 FOR THE 12 MONTHS ENDED 12/2014
 GSO - GMB BILLED COMMERCIAL INDUSTRIAL SERVICE
 COMMERCIAL

| | | RATE BLOCK (MCF) | CUMULATIVE BILLS | CONSOLIDATED FACTOR MCF |
|---------------|---|---------------------|---------------------|----------------------------|
| JANUARY | F | 50.0 | 7178. | 259920.9 |
| | N | 350.0 | 2518. | 273298.2 |
| | N | 600.0 | 216. | 73769.8 |
| | O | 1000.0 | 48. | 23077.7 |
| FEBRUARY | F | 50.0 | 7368. | 256271.1 |
| | N | 350.0 | 2378. | 249678.3 |
| | N | 600.0 | 193. | 62871.8 |
| | O | 1000.0 | 45. | 20416.0 |
| MARCH | F | 50.0 | 7962. | 197210.8 |
| | N | 350.0 | 1676. | 172769.4 |
| | N | 600.0 | 127. | 36513.6 |
| | O | 1000.0 | 19. | 5012.6 |
| APRIL | F | 50.0 | 8624. | 115983.3 |
| | N | 350.0 | 987. | 107731.0 |
| | N | 600.0 | 76. | 22153.5 |
| | O | 1000.0 | 17. | 5873.8 |
| MAY | F | 50.0 | 9044. | 68669.4 |
| | N | 350.0 | 562. | 42269.2 |
| | N | 600.0 | 20. | 3529.3 |
| | O | 1000.0 | 1. | 440.2 |
| JUNE | F | 50.0 | 9123. | 47256.0 |
| | N | 350.0 | 405. | 27574.4 |
| | N | 600.0 | 11. | 2061.1 |
| | O | 1000.0 | 1. | 56.6 |
| JULY | F | 50.0 | 9204. | 39553.3 |
| | N | 350.0 | 299. | 18138.9 |
| | N | 600.0 | 6. | 1970.1 |
| | O | 1000.0 | 1. | 296.1 |
| AUGUST | F | 50.0 | 9289. | 32262.4 |
| | N | 350.0 | 192. | 11397.5 |
| | N | 600.0 | 6. | 1313.6 |
| | O | 1000.0 | 0. | 0.0 |
| SEPTEMBER | F | 50.0 | 9183. | 38519.8 |
| | N | 350.0 | 273. | 17027.3 |
| | N | 600.0 | 10. | 1408.4 |
| | O | 1000.0 | 0. | 0.0 |
| OCTOBER | F | 50.0 | 9241. | 44728.2 |
| | N | 350.0 | 293. | 16913.6 |
| | N | 600.0 | 8. | 1340.3 |
| | O | 1000.0 | 0. | 0.0 |
| NOVEMBER | F | 50.0 | 9097. | 94184.8 |
| | N | 350.0 | 620. | 45615.7 |
| | N | 600.0 | 18. | 3747.7 |
| | O | 1000.0 | 1. | 267.0 |
| DECEMBER | F | 50.0 | 8095. | 189620.8 |
| | N | 350.0 | 1608. | 160219.7 |
| | N | 600.0 | 128. | 30325.6 |
| | O | 1000.0 | 13. | 5315.8 |
| TOTAL 12 MOS. | F | 50.0 | 103408. | 1384180.8 |
| | N | 350.0 | 11811. | 1142633.2 |
| | N | 600.0 | 819. | 241004.8 |
| | O | 1000.0 | 146. | 60755.8 |

COLUMBIA GAS OF KENTUCKY, INC. - TEST YEAR PROJECTED DATA
 BILL FREQUENCY ANALYSIS BY RATE BLOCK
 DATA: 0 MOS. ACTUAL 12 MOS. ESTIMATED
 FOR THE 12 MONTHS ENDED 12/2014
 GSO - GMB BILLED COMMERCIAL INDUSTRIAL SERVICE
 INDUSTRIAL

| | | RATE BLOCK (MCF) | CUMULATIVE BILLS | CONSOLIDATED FACTOR MCF |
|---------------|---|---------------------|---------------------|----------------------------|
| JANUARY | F | 50.0 | 16. | 1476.4 |
| | N | 350.0 | 16. | 5027.0 |
| | N | 600.0 | 2. | 3543.4 |
| FEBRUARY | O | 1000.0 | 5. | 1235.4 |
| | F | 50.0 | 15. | 1492.5 |
| | N | 350.0 | 17. | 4629.7 |
| MARCH | N | 600.0 | 3. | 3109.0 |
| | O | 1000.0 | 4. | 1219.7 |
| | F | 50.0 | 15. | 1353.5 |
| APRIL | N | 350.0 | 14. | 4541.9 |
| | N | 600.0 | 5. | 2401.0 |
| | O | 1000.0 | 3. | 2005.7 |
| MAY | F | 50.0 | 22. | 962.7 |
| | N | 350.0 | 9. | 3120.6 |
| | N | 600.0 | 4. | 1695.3 |
| JUNE | O | 1000.0 | 2. | 3287.4 |
| | F | 50.0 | 25. | 831.9 |
| | N | 350.0 | 8. | 3092.7 |
| JULY | N | 600.0 | 3. | 2406.2 |
| | O | 1000.0 | 2. | 1369.3 |
| | F | 50.0 | 21. | 784.7 |
| AUGUST | N | 350.0 | 8. | 3495.3 |
| | N | 600.0 | 5. | 2877.4 |
| | O | 1000.0 | 2. | 442.7 |
| SEPTEMBER | F | 50.0 | 25. | 719.7 |
| | N | 350.0 | 6. | 2837.0 |
| | N | 600.0 | 4. | 1936.7 |
| OCTOBER | O | 1000.0 | 2. | 2406.6 |
| | F | 50.0 | 26. | 719.0 |
| | N | 350.0 | 8. | 2348.5 |
| NOVEMBER | N | 600.0 | 3. | 1059.9 |
| | O | 1000.0 | 1. | 3472.6 |
| | F | 50.0 | 25. | 746.0 |
| DECEMBER | N | 350.0 | 11. | 2195.2 |
| | N | 600.0 | 1. | 638.8 |
| | O | 1000.0 | 1. | 3120.4 |
| TOTAL 12 MOS. | F | 50.0 | 24. | 844.8 |
| | N | 350.0 | 10. | 2629.6 |
| | N | 600.0 | 3. | 652.8 |
| | O | 1000.0 | 1. | 4572.7 |
| | F | 50.0 | 22. | 1127.5 |
| | N | 350.0 | 14. | 2569.8 |
| | N | 600.0 | 2. | 1072.9 |
| | O | 1000.0 | 1. | 3829.7 |
| | F | 50.0 | 16. | 1448.7 |
| | N | 350.0 | 16. | 4189.9 |
| | N | 600.0 | 4. | 2972.2 |
| | O | 1000.0 | 3. | 2389.4 |
| | F | 50.0 | 252. | 12507.4 |
| | N | 350.0 | 137. | 40677.2 |
| | N | 600.0 | 39. | 24365.6 |
| | O | 1000.0 | 27. | 29351.6 |

COLUMBIA GAS OF KENTUCKY, INC. - TEST YEAR PROJECTED DATA
 BILL FREQUENCY ANALYSIS BY RATE BLOCK
 DATA: 0 MOS. ACTUAL 12 MOS. ESTIMATED
 FOR THE 12 MONTHS ENDED 12/2014
 GSO - GMB BILLED COMMERCIAL INDUSTRIAL SERVICE
 ELEC GEN

| | | RATE BLOCK (MCF) | CUMULATIVE BILLS | CONSOLIDATED FACTOR MCF |
|---------------|---|---------------------|---------------------|----------------------------|
| JANUARY | F | 50.0 | 0. | 50.0 |
| | N | 350.0 | 0. | 350.0 |
| | N | 600.0 | 1. | 173.0 |
| FEBRUARY | O | 1000.0 | 0. | 0.0 |
| | F | 50.0 | 0. | 50.0 |
| | N | 350.0 | 0. | 350.0 |
| MARCH | N | 600.0 | 1. | 130.0 |
| | O | 1000.0 | 0. | 0.0 |
| | F | 50.0 | 0. | 50.0 |
| APRIL | N | 350.0 | 1. | 308.0 |
| | N | 600.0 | 0. | 0.0 |
| | O | 1000.0 | 0. | 0.0 |
| MAY | F | 50.0 | 0. | 50.0 |
| | N | 350.0 | 0. | 350.0 |
| | N | 600.0 | 0. | 600.0 |
| JUNE | O | 1000.0 | 0. | 0.0 |
| | F | 50.0 | 0. | 50.0 |
| | N | 350.0 | 0. | 350.0 |
| JULY | N | 600.0 | 0. | 600.0 |
| | O | 1000.0 | 1. | 3674.0 |
| | F | 50.0 | 0. | 50.0 |
| AUGUST | N | 350.0 | 0. | 350.0 |
| | N | 600.0 | 0. | 600.0 |
| | O | 1000.0 | 1. | 2444.0 |
| SEPTEMBER | F | 50.0 | 0. | 50.0 |
| | N | 350.0 | 0. | 350.0 |
| | N | 600.0 | 1. | 14.0 |
| OCTOBER | O | 1000.0 | 0. | 0.0 |
| | F | 50.0 | 1. | 0.0 |
| | N | 350.0 | 0. | 0.0 |
| NOVEMBER | N | 600.0 | 0. | 0.0 |
| | O | 1000.0 | 0. | 0.0 |
| | F | 50.0 | 0. | 50.0 |
| DECEMBER | N | 350.0 | 0. | 350.0 |
| | N | 600.0 | 1. | 19.0 |
| | O | 1000.0 | 0. | 0.0 |
| TOTAL 12 MOS. | F | 50.0 | 1. | 550.0 |
| | N | 350.0 | 3. | 3563.0 |
| | N | 600.0 | 4. | 2736.0 |
| | O | 1000.0 | 4. | 19168.0 |

COLUMBIA GAS OF KENTUCKY, INC. - TEST YEAR PROJECTED DATA
BILL FREQUENCY ANALYSIS BY RATE BLOCK
DATA: 0 MOS. ACTUAL 12 MOS. ESTIMATED
FOR THE 12 MONTHS ENDED 12/2014
G1C - GMB BILLED COMMERCIAL/INDUSTRIAL LG&E
COMMERCIAL

| | RATE BLOCK (MCF) | CUMULATIVE BILLS | CONSOLIDATED FACTOR MCF |
|---------------|---------------------|---------------------|----------------------------|
| JANUARY | 0 0.0 | 4. | 722.9 |
| FEBRUARY | 0 0.0 | 4. | 626.5 |
| MARCH | 0 0.0 | 4. | 387.0 |
| APRIL | 0 0.0 | 4. | 196.9 |
| MAY | 0 0.0 | 4. | 97.1 |
| JUNE | 0 0.0 | 4. | 48.7 |
| JULY | 0 0.0 | 4. | 31.9 |
| AUGUST | 0 0.0 | 4. | 24.8 |
| SEPTEMBER | 0 0.0 | 4. | 29.1 |
| OCTOBER | 0 0.0 | 4. | 25.5 |
| NOVEMBER | 0 0.0 | 4. | 119.3 |
| DECEMBER | 0 0.0 | 4. | 397.6 |
| TOTAL 12 MOS. | 0 0.0 | 48. | 2707.3 |

COLUMBIA GAS OF KENTUCKY, INC. - TEST YEAR PROJECTED DATA
BILL FREQUENCY ANALYSIS BY RATE BLOCK
DATA: 0 MOS. ACTUAL 12 MOS. ESTIMATED
FOR THE 12 MONTHS ENDED 12/2014
IN3 - GMB BILLED INLAND/CKY GENERAL SERVICE
COMMERCIAL

| | RATE BLOCK (MCF) | CUMULATIVE BILLS | CONSOLIDATED FACTOR MCF |
|---------------|---------------------|---------------------|----------------------------|
| JANUARY | 0 0.0 | 1. | 16.1 |
| FEBRUARY | 0 0.0 | 1. | 13.2 |
| MARCH | 0 0.0 | 1. | 6.8 |
| APRIL | 0 0.0 | 1. | 4.5 |
| MAY | 0 0.0 | 1. | 1.4 |
| JUNE | 0 0.0 | 1. | 0.3 |
| JULY | 0 0.0 | 1. | 0.3 |
| AUGUST | 0 0.0 | 1. | 0.2 |
| SEPTEMBER | 0 0.0 | 1. | 0.3 |
| OCTOBER | 0 0.0 | 1. | 1.1 |
| NOVEMBER | 0 0.0 | 1. | 3.9 |
| DECEMBER | 0 0.0 | 1. | 10.1 |
| TOTAL 12 MOS. | 0 0.0 | 12. | 58.2 |

COLUMBIA GAS OF KENTUCKY, INC. - TEST YEAR PROJECTED DATA
 BILL FREQUENCY ANALYSIS BY RATE BLOCK
 DATA: 0 MOS. ACTUAL 12 MOS. ESTIMATED
 FOR THE 12 MONTHS ENDED 12/2014
 IS - GMB BILLED INTERRUPTIBLE SERVICE
 INDUSTRIAL

| | RATE BLOCK (MCF) | CUMULATIVE BILLS | CONSOLIDATED FACTOR MCF |
|---------------|---------------------|---------------------|----------------------------|
| JANUARY | F 30000.0 | 1. | 6718.0 |
| | O 30000.0 | 0. | 0.0 |
| FEBRUARY | F 30000.0 | 1. | 5549.0 |
| | O 30000.0 | 0. | 0.0 |
| MARCH | F 30000.0 | 1. | 2698.0 |
| | O 30000.0 | 0. | 0.0 |
| APRIL | F 30000.0 | 1. | 1934.0 |
| | O 30000.0 | 0. | 0.0 |
| MAY | F 30000.0 | 1. | 1300.0 |
| | O 30000.0 | 0. | 0.0 |
| JUNE | F 30000.0 | 1. | 1400.0 |
| | O 30000.0 | 0. | 0.0 |
| JULY | F 30000.0 | 1. | 1100.0 |
| | O 30000.0 | 0. | 0.0 |
| AUGUST | F 30000.0 | 1. | 1400.0 |
| | O 30000.0 | 0. | 0.0 |
| SEPTEMBER | F 30000.0 | 1. | 1300.0 |
| | O 30000.0 | 0. | 0.0 |
| OCTOBER | F 30000.0 | 1. | 1300.0 |
| | O 30000.0 | 0. | 0.0 |
| NOVEMBER | F 30000.0 | 1. | 2400.0 |
| | O 30000.0 | 0. | 0.0 |
| DECEMBER | F 30000.0 | 1. | 6000.0 |
| | O 30000.0 | 0. | 0.0 |
| TOTAL 12 MOS. | F 30000.0 | 12. | 33099.0 |
| | O 30000.0 | 0. | 0.0 |

COLUMBIA GAS OF KENTUCKY, INC. - TEST YEAR PROJECTED DATA
BILL FREQUENCY ANALYSIS BY RATE BLOCK
DATA: 0 MOS. ACTUAL 12 MOS. ESTIMATED
FOR THE 12 MONTHS ENDED 12/2014
IUS - GMB BILLED INTRASTATE UTILITY SERVICE
WHOLESALE

| | RATE BLOCK (MCF) | CUMULATIVE BILLS | CONSOLIDATED FACTOR MCF |
|---------------|---------------------|---------------------|----------------------------|
| JANUARY | 0 0.0 | 2. | 4460.0 |
| FEBRUARY | 0 0.0 | 2. | 2271.0 |
| MARCH | 0 0.0 | 2. | 930.0 |
| APRIL | 0 0.0 | 2. | 662.0 |
| MAY | 0 0.0 | 2. | 418.0 |
| JUNE | 0 0.0 | 2. | 415.0 |
| JULY | 0 0.0 | 2. | 435.0 |
| AUGUST | 0 0.0 | 2. | 659.0 |
| SEPTEMBER | 0 0.0 | 2. | 429.0 |
| OCTOBER | 0 0.0 | 2. | 1154.0 |
| NOVEMBER | 0 0.0 | 2. | 861.0 |
| DECEMBER | 0 0.0 | 2. | 1150.0 |
| TOTAL 12 MOS. | 0 0.0 | 24. | 13844.0 |

COLUMBIA GAS OF KENTUCKY, INC. - TEST YEAR PROJECTED DATA
BILL FREQUENCY ANALYSIS BY RATE BLOCK
DATA: 0 MOS. ACTUAL 12 MOS. ESTIMATED
FOR THE 12 MONTHS ENDED 12/2014
LG2 - GMB BILLED RESIDENTIAL / COMMERCIAL
COMMERCIAL

| | RATE BLOCK (MCF) | CUMULATIVE BILLS | CONSOLIDATED FACTOR MCF |
|---------------|---------------------|---------------------|----------------------------|
| JANUARY | 0 0.0 | 1. | 187.9 |
| FEBRUARY | 0 0.0 | 1. | 119.6 |
| MARCH | 0 0.0 | 1. | 96.9 |
| APRIL | 0 0.0 | 1. | 75.9 |
| MAY | 0 0.0 | 1. | 18.7 |
| JUNE | 0 0.0 | 1. | 12.8 |
| JULY | 0 0.0 | 1. | 11.3 |
| AUGUST | 0 0.0 | 1. | 8.0 |
| SEPTEMBER | 0 0.0 | 1. | 11.1 |
| OCTOBER | 0 0.0 | 1. | 14.3 |
| NOVEMBER | 0 0.0 | 1. | 60.4 |
| DECEMBER | 0 0.0 | 1. | 114.6 |
| TOTAL 12 MOS. | 0 0.0 | 12. | 731.5 |

COLUMBIA GAS OF KENTUCKY, INC.

TOTAL TRANSPORTATION
 TEST YEAR PROJECTED REVENUE
 MONTHLY SUMMARY
 TWELVE MONTHS ENDED 12/2014

| MONTH | RESIDENTIAL | COMMERCIAL | INDUSTRIAL | OTHER | WHOLESALE | FLEC GEN | TOTAL |
|----------------|-------------|------------|------------|-------|-----------|----------|------------|
| <u>BILLS</u> | | | | | | | |
| JAN | 0. | 48. | 64. | 0. | 0. | 0. | 112. |
| FEB | 0. | 48. | 64. | 0. | 0. | 0. | 112. |
| MAR | 0. | 50. | 63. | 0. | 0. | 0. | 113. |
| APR | 0. | 50. | 63. | 0. | 0. | 0. | 113. |
| MAY | 0. | 50. | 63. | 0. | 0. | 0. | 113. |
| JUN | 0. | 49. | 63. | 0. | 0. | 0. | 112. |
| JUL | 0. | 49. | 63. | 0. | 0. | 0. | 112. |
| AUG | 0. | 49. | 63. | 0. | 0. | 0. | 112. |
| SEP | 0. | 49. | 63. | 0. | 0. | 0. | 112. |
| OCT | 0. | 49. | 63. | 0. | 0. | 0. | 112. |
| NOV | 0. | 49. | 63. | 0. | 0. | 0. | 112. |
| DEC | 0. | 49. | 64. | 0. | 0. | 0. | 113. |
| TOTAL | 0. | 589. | 759. | 0. | 0. | 0. | 1348. |
| <u>MCF</u> | | | | | | | |
| JAN | 0.0 | 379999.9 | 1560000.2 | 0.0 | 0.0 | 0.0 | 1940000.1 |
| FEB | 0.0 | 341999.8 | 1437000.0 | 0.0 | 0.0 | 0.0 | 1778999.8 |
| MAR | 0.0 | 310999.9 | 1364000.1 | 0.0 | 0.0 | 0.0 | 1675000.0 |
| APR | 0.0 | 222000.1 | 1224000.0 | 0.0 | 0.0 | 0.0 | 1446000.1 |
| MAY | 0.0 | 166999.8 | 1100000.0 | 0.0 | 0.0 | 0.0 | 1266999.8 |
| JUN | 0.0 | 134999.9 | 992999.9 | 0.0 | 0.0 | 0.0 | 1127999.8 |
| JUL | 0.0 | 131999.9 | 1011999.8 | 0.0 | 0.0 | 0.0 | 1143999.7 |
| AUG | 0.0 | 146000.0 | 1051000.1 | 0.0 | 0.0 | 0.0 | 1197000.1 |
| SEP | 0.0 | 166999.8 | 1109000.1 | 0.0 | 0.0 | 0.0 | 1275999.9 |
| OCT | 0.0 | 216999.9 | 1189000.0 | 0.0 | 0.0 | 0.0 | 1405999.9 |
| NOV | 0.0 | 278000.0 | 1297999.9 | 0.0 | 0.0 | 0.0 | 1575999.9 |
| DEC | 0.0 | 351999.9 | 1414000.0 | 0.0 | 0.0 | 0.0 | 1765999.9 |
| TOTAL | 0.0 | 2848998.9 | 14751000.1 | 0.0 | 0.0 | 0.0 | 17599999.0 |
| <u>REVENUE</u> | | | | | | | |
| JAN | 0.00 | 260976.56 | 552523.85 | 0.00 | 0.00 | 0.00 | 813500.41 |
| FEB | 0.00 | 234524.64 | 504835.39 | 0.00 | 0.00 | 0.00 | 739360.03 |
| MAR | 0.00 | 216042.98 | 474614.40 | 0.00 | 0.00 | 0.00 | 690657.38 |
| APR | 0.00 | 160959.87 | 421481.40 | 0.00 | 0.00 | 0.00 | 582441.27 |
| MAY | 0.00 | 131076.72 | 384543.58 | 0.00 | 0.00 | 0.00 | 515620.30 |
| JUN | 0.00 | 107709.33 | 353811.29 | 0.00 | 0.00 | 0.00 | 461520.62 |
| JUL | 0.00 | 112167.24 | 343983.28 | 0.00 | 0.00 | 0.00 | 456150.52 |
| AUG | 0.00 | 118577.80 | 364135.95 | 0.00 | 0.00 | 0.00 | 482713.75 |
| SEP | 0.00 | 120342.51 | 374699.27 | 0.00 | 0.00 | 0.00 | 495041.78 |
| OCT | 0.00 | 147876.25 | 414260.49 | 0.00 | 0.00 | 0.00 | 562136.74 |
| NOV | 0.00 | 183244.79 | 454119.23 | 0.00 | 0.00 | 0.00 | 637364.02 |
| DEC | 0.00 | 244058.37 | 491014.74 | 0.00 | 0.00 | 0.00 | 735073.11 |
| TOTAL | 0.00 | 2037557.06 | 5134022.87 | 0.00 | 0.00 | 0.00 | 7171579.93 |

COLUMBIA GAS OF KENTUCKY, INC.

TRANSPORTATION
 TEST YEAR PROJECTED REVENUE
 RATE SCHEDULE DS - GTS BILLED GAS DELIVERY SERVICE
 TWELVE MONTHS ENDED 12/2014

| MONTH | RESIDENTIAL | COMMERCIAL | INDUSTRIAL | OTHER | WHOLESALE | ELEG GEN | TOTAL |
|----------------|-------------|------------|------------|-------|-----------|----------|------------|
| <u>BILLS</u> | | | | | | | |
| JAN | 0. | 29. | 38. | 0. | 0. | 0. | 67. |
| FEB | 0. | 29. | 38. | 0. | 0. | 0. | 67. |
| MAR | 0. | 29. | 37. | 0. | 0. | 0. | 66. |
| APR | 0. | 29. | 37. | 0. | 0. | 0. | 66. |
| MAY | 0. | 29. | 37. | 0. | 0. | 0. | 66. |
| JUN | 0. | 29. | 37. | 0. | 0. | 0. | 66. |
| JUL | 0. | 29. | 37. | 0. | 0. | 0. | 66. |
| AUG | 0. | 29. | 37. | 0. | 0. | 0. | 66. |
| SEP | 0. | 29. | 37. | 0. | 0. | 0. | 66. |
| OCT | 0. | 29. | 37. | 0. | 0. | 0. | 66. |
| NOV | 0. | 29. | 37. | 0. | 0. | 0. | 66. |
| DEC | 0. | 29. | 38. | 0. | 0. | 0. | 67. |
| TOTAL | 0. | 348. | 447. | 0. | 0. | 0. | 795. |
| <u>MCF</u> | | | | | | | |
| JAN | 0.0 | 246196.6 | 700601.2 | 0.0 | 0.0 | 0.0 | 946797.8 |
| FEB | 0.0 | 216833.8 | 621566.8 | 0.0 | 0.0 | 0.0 | 838400.6 |
| MAR | 0.0 | 188671.6 | 539451.5 | 0.0 | 0.0 | 0.0 | 728123.1 |
| APR | 0.0 | 135645.9 | 455811.5 | 0.0 | 0.0 | 0.0 | 591457.4 |
| MAY | 0.0 | 104302.9 | 410319.8 | 0.0 | 0.0 | 0.0 | 514622.7 |
| JUN | 0.0 | 81806.4 | 354830.9 | 0.0 | 0.0 | 0.0 | 436637.3 |
| JUL | 0.0 | 86057.2 | 329285.4 | 0.0 | 0.0 | 0.0 | 415342.6 |
| AUG | 0.0 | 96181.2 | 365451.4 | 0.0 | 0.0 | 0.0 | 461632.6 |
| SEP | 0.0 | 97263.7 | 372569.6 | 0.0 | 0.0 | 0.0 | 469833.3 |
| OCT | 0.0 | 128689.3 | 471601.5 | 0.0 | 0.0 | 0.0 | 600290.8 |
| NOV | 0.0 | 168371.6 | 535386.7 | 0.0 | 0.0 | 0.0 | 703758.3 |
| DEC | 0.0 | 225537.0 | 578613.6 | 0.0 | 0.0 | 0.0 | 804150.6 |
| TOTAL | 0.0 | 1775557.2 | 5735489.9 | 0.0 | 0.0 | 0.0 | 7511047.1 |
| <u>REVENUE</u> | | | | | | | |
| JAN | 0.00 | 168814.43 | 365898.61 | 0.00 | 0.00 | 0.00 | 534713.04 |
| FEB | 0.00 | 151713.54 | 333912.83 | 0.00 | 0.00 | 0.00 | 485626.37 |
| MAR | 0.00 | 135311.87 | 301391.08 | 0.00 | 0.00 | 0.00 | 436702.95 |
| APR | 0.00 | 104429.68 | 267023.50 | 0.00 | 0.00 | 0.00 | 371453.18 |
| MAY | 0.00 | 86175.54 | 244816.37 | 0.00 | 0.00 | 0.00 | 330991.91 |
| JUN | 0.00 | 73073.56 | 218681.25 | 0.00 | 0.00 | 0.00 | 291754.81 |
| JUL | 0.00 | 75549.23 | 205941.54 | 0.00 | 0.00 | 0.00 | 281490.77 |
| AUG | 0.00 | 81445.46 | 224561.50 | 0.00 | 0.00 | 0.00 | 306006.96 |
| SEP | 0.00 | 82075.89 | 229410.40 | 0.00 | 0.00 | 0.00 | 311486.29 |
| OCT | 0.00 | 100378.19 | 273361.95 | 0.00 | 0.00 | 0.00 | 373740.14 |
| NOV | 0.00 | 123489.16 | 297693.27 | 0.00 | 0.00 | 0.00 | 421182.43 |
| DEC | 0.00 | 156782.28 | 318915.37 | 0.00 | 0.00 | 0.00 | 475697.65 |
| TOTAL | 0.00 | 1339238.83 | 3281607.67 | 0.00 | 0.00 | 0.00 | 4620846.50 |

COLUMBIA GAS OF KENTUCKY, INC.

TRANSPORTATION
 TEST YEAR PROJECTED REVENUE
 RATE SCHEDULE DS3 - GTS BILLED MAINLINE RATE
 TWELVE MONTHS ENDED 12/2014

| MONTH | RESIDENTIAL | COMMERCIAL | INDUSTRIAL | OTHER | WHOLESALE | ELEC GEN | TOTAL |
|----------------|-------------|------------|------------|-------|-----------|----------|-----------|
| <u>BILLS</u> | | | | | | | |
| JAN | 0. | 0. | 3. | 0. | 0. | 0. | 3. |
| FEB | 0. | 0. | 3. | 0. | 0. | 0. | 3. |
| MAR | 0. | 0. | 3. | 0. | 0. | 0. | 3. |
| APR | 0. | 0. | 3. | 0. | 0. | 0. | 3. |
| MAY | 0. | 0. | 3. | 0. | 0. | 0. | 3. |
| JUN | 0. | 0. | 3. | 0. | 0. | 0. | 3. |
| JUL | 0. | 0. | 3. | 0. | 0. | 0. | 3. |
| AUG | 0. | 0. | 3. | 0. | 0. | 0. | 3. |
| SEP | 0. | 0. | 3. | 0. | 0. | 0. | 3. |
| OCT | 0. | 0. | 3. | 0. | 0. | 0. | 3. |
| NOV | 0. | 0. | 3. | 0. | 0. | 0. | 3. |
| DEC | 0. | 0. | 3. | 0. | 0. | 0. | 3. |
| TOTAL | 0. | 0. | 36. | 0. | 0. | 0. | 36. |
| <u>MCF</u> | | | | | | | |
| JAN | 0.0 | 0.0 | 64169.0 | 0.0 | 0.0 | 0.0 | 64169.0 |
| FEB | 0.0 | 0.0 | 57391.0 | 0.0 | 0.0 | 0.0 | 57391.0 |
| MAR | 0.0 | 0.0 | 67334.0 | 0.0 | 0.0 | 0.0 | 67334.0 |
| APR | 0.0 | 0.0 | 60027.0 | 0.0 | 0.0 | 0.0 | 60027.0 |
| MAY | 0.0 | 0.0 | 64435.0 | 0.0 | 0.0 | 0.0 | 64435.0 |
| JUN | 0.0 | 0.0 | 60839.0 | 0.0 | 0.0 | 0.0 | 60839.0 |
| JUL | 0.0 | 0.0 | 61599.0 | 0.0 | 0.0 | 0.0 | 61599.0 |
| AUG | 0.0 | 0.0 | 62335.0 | 0.0 | 0.0 | 0.0 | 62335.0 |
| SEP | 0.0 | 0.0 | 61372.0 | 0.0 | 0.0 | 0.0 | 61372.0 |
| OCT | 0.0 | 0.0 | 69028.0 | 0.0 | 0.0 | 0.0 | 69028.0 |
| NOV | 0.0 | 0.0 | 69788.0 | 0.0 | 0.0 | 0.0 | 69788.0 |
| DEC | 0.0 | 0.0 | 68966.0 | 0.0 | 0.0 | 0.0 | 68966.0 |
| TOTAL | 0.0 | 0.0 | 767283.0 | 0.0 | 0.0 | 0.0 | 767283.0 |
| <u>REVENUE</u> | | | | | | | |
| JAN | 0.00 | 0.00 | 8564.23 | 0.00 | 0.00 | 0.00 | 8564.23 |
| FEB | 0.00 | 0.00 | 7740.71 | 0.00 | 0.00 | 0.00 | 7740.71 |
| MAR | 0.00 | 0.00 | 8948.78 | 0.00 | 0.00 | 0.00 | 8948.78 |
| APR | 0.00 | 0.00 | 8060.98 | 0.00 | 0.00 | 0.00 | 8060.98 |
| MAY | 0.00 | 0.00 | 8596.55 | 0.00 | 0.00 | 0.00 | 8596.55 |
| JUN | 0.00 | 0.00 | 8159.64 | 0.00 | 0.00 | 0.00 | 8159.64 |
| JUL | 0.00 | 0.00 | 8251.98 | 0.00 | 0.00 | 0.00 | 8251.98 |
| AUG | 0.00 | 0.00 | 8341.40 | 0.00 | 0.00 | 0.00 | 8341.40 |
| SEP | 0.00 | 0.00 | 8224.40 | 0.00 | 0.00 | 0.00 | 8224.40 |
| OCT | 0.00 | 0.00 | 9154.60 | 0.00 | 0.00 | 0.00 | 9154.60 |
| NOV | 0.00 | 0.00 | 9246.94 | 0.00 | 0.00 | 0.00 | 9246.94 |
| DEC | 0.00 | 0.00 | 9147.07 | 0.00 | 0.00 | 0.00 | 9147.07 |
| TOTAL | 0.00 | 0.00 | 102437.28 | 0.00 | 0.00 | 0.00 | 102437.28 |

COLUMBIA GAS OF KENTUCKY, INC.

TRANSPORTATION
 TEST YEAR PROJECTED REVENUE
 RATE SCHEDULE FX1 - GTS BILLED UK FLEX RATE
 TWELVE MONTHS ENDED 12/2014

| MONTH | RESIDENTIAL | COMMERCIAL | INDUSTRIAL | OTHER | WHOLESALE | ELEC GEN | TOTAL |
|----------------|-------------|------------|------------|-------|-----------|----------|----------|
| <u>BILLS</u> | | | | | | | |
| JAN | 0. | 1. | 0. | 0. | 0. | 0. | 1. |
| FEB | 0. | 1. | 0. | 0. | 0. | 0. | 1. |
| MAR | 0. | 1. | 0. | 0. | 0. | 0. | 1. |
| APR | 0. | 1. | 0. | 0. | 0. | 0. | 1. |
| MAY | 0. | 1. | 0. | 0. | 0. | 0. | 1. |
| JUN | 0. | 1. | 0. | 0. | 0. | 0. | 1. |
| JUL | 0. | 1. | 0. | 0. | 0. | 0. | 1. |
| AUG | 0. | 1. | 0. | 0. | 0. | 0. | 1. |
| SEP | 0. | 1. | 0. | 0. | 0. | 0. | 1. |
| OCT | 0. | 1. | 0. | 0. | 0. | 0. | 1. |
| NOV | 0. | 1. | 0. | 0. | 0. | 0. | 1. |
| DEC | 0. | 1. | 0. | 0. | 0. | 0. | 1. |
| TOTAL | 0. | 12. | 0. | 0. | 0. | 0. | 12. |
| <u>MCF</u> | | | | | | | |
| JAN | 0.0 | 56394.0 | 0.0 | 0.0 | 0.0 | 0.0 | 56394.0 |
| FEB | 0.0 | 40295.0 | 0.0 | 0.0 | 0.0 | 0.0 | 40295.0 |
| MAR | 0.0 | 62836.0 | 0.0 | 0.0 | 0.0 | 0.0 | 62836.0 |
| APR | 0.0 | 25000.0 | 0.0 | 0.0 | 0.0 | 0.0 | 25000.0 |
| MAY | 0.0 | 20000.0 | 0.0 | 0.0 | 0.0 | 0.0 | 20000.0 |
| JUN | 0.0 | 18400.0 | 0.0 | 0.0 | 0.0 | 0.0 | 18400.0 |
| JUL | 0.0 | 9200.0 | 0.0 | 0.0 | 0.0 | 0.0 | 9200.0 |
| AUG | 0.0 | 9100.0 | 0.0 | 0.0 | 0.0 | 0.0 | 9100.0 |
| SEP | 0.0 | 25900.0 | 0.0 | 0.0 | 0.0 | 0.0 | 25900.0 |
| OCT | 0.0 | 30000.0 | 0.0 | 0.0 | 0.0 | 0.0 | 30000.0 |
| NOV | 0.0 | 40900.0 | 0.0 | 0.0 | 0.0 | 0.0 | 40900.0 |
| DEC | 0.0 | 40900.0 | 0.0 | 0.0 | 0.0 | 0.0 | 40900.0 |
| TOTAL | 0.0 | 378925.0 | 0.0 | 0.0 | 0.0 | 0.0 | 378925.0 |
| <u>REVENUE</u> | | | | | | | |
| JAN | 0.00 | 7688.54 | 0.00 | 0.00 | 0.00 | 0.00 | 7688.54 |
| FEB | 0.00 | 5676.16 | 0.00 | 0.00 | 0.00 | 0.00 | 5676.16 |
| MAR | 0.00 | 8493.79 | 0.00 | 0.00 | 0.00 | 0.00 | 8493.79 |
| APR | 0.00 | 3764.29 | 0.00 | 0.00 | 0.00 | 0.00 | 3764.29 |
| MAY | 0.00 | 3139.29 | 0.00 | 0.00 | 0.00 | 0.00 | 3139.29 |
| JUN | 0.00 | 2939.29 | 0.00 | 0.00 | 0.00 | 0.00 | 2939.29 |
| JUL | 0.00 | 1789.29 | 0.00 | 0.00 | 0.00 | 0.00 | 1789.29 |
| AUG | 0.00 | 1776.79 | 0.00 | 0.00 | 0.00 | 0.00 | 1776.79 |
| SEP | 0.00 | 3876.79 | 0.00 | 0.00 | 0.00 | 0.00 | 3876.79 |
| OCT | 0.00 | 4389.29 | 0.00 | 0.00 | 0.00 | 0.00 | 4389.29 |
| NOV | 0.00 | 5751.79 | 0.00 | 0.00 | 0.00 | 0.00 | 5751.79 |
| DEC | 0.00 | 5751.79 | 0.00 | 0.00 | 0.00 | 0.00 | 5751.79 |
| TOTAL | 0.00 | 55037.10 | 0.00 | 0.00 | 0.00 | 0.00 | 55037.10 |

COLUMBIA GAS OF KENTUCKY, INC.

TRANSPORTATION
 TEST YEAR PROJECTED REVENUE
 RATE SCHEDULE FX2 - GTS BILLED AMERICAN STANDARD FLEX RATE
 TWELVE MONTHS ENDED 12/2014

| MONTH | RESIDENTIAL | COMMERCIAL | INDUSTRIAL | OTHER | WHOLESALE | ELEC GEN | TOTAL |
|----------------|-------------|------------|------------|-------|-----------|----------|----------|
| <u>BILLS</u> | | | | | | | |
| JAN | 0. | 1. | 0. | 0. | 0. | 0. | 1. |
| FEB | 0. | 1. | 0. | 0. | 0. | 0. | 1. |
| MAR | 0. | 1. | 0. | 0. | 0. | 0. | 1. |
| APR | 0. | 1. | 0. | 0. | 0. | 0. | 1. |
| MAY | 0. | 1. | 0. | 0. | 0. | 0. | 1. |
| JUN | 0. | 1. | 0. | 0. | 0. | 0. | 1. |
| JUL | 0. | 1. | 0. | 0. | 0. | 0. | 1. |
| AUG | 0. | 1. | 0. | 0. | 0. | 0. | 1. |
| SEP | 0. | 1. | 0. | 0. | 0. | 0. | 1. |
| OCT | 0. | 1. | 0. | 0. | 0. | 0. | 1. |
| NOV | 0. | 1. | 0. | 0. | 0. | 0. | 1. |
| DEC | 0. | 1. | 0. | 0. | 0. | 0. | 1. |
| TOTAL | 0. | 12. | 0. | 0. | 0. | 0. | 12. |
| <u>MCF</u> | | | | | | | |
| JAN | 0.0 | 31000.0 | 0.0 | 0.0 | 0.0 | 0.0 | 31000.0 |
| FEB | 0.0 | 44000.0 | 0.0 | 0.0 | 0.0 | 0.0 | 44000.0 |
| MAR | 0.0 | 20000.0 | 0.0 | 0.0 | 0.0 | 0.0 | 20000.0 |
| APR | 0.0 | 35000.0 | 0.0 | 0.0 | 0.0 | 0.0 | 35000.0 |
| MAY | 0.0 | 22000.0 | 0.0 | 0.0 | 0.0 | 0.0 | 22000.0 |
| JUN | 0.0 | 20000.0 | 0.0 | 0.0 | 0.0 | 0.0 | 20000.0 |
| JUL | 0.0 | 20000.0 | 0.0 | 0.0 | 0.0 | 0.0 | 20000.0 |
| AUG | 0.0 | 24000.0 | 0.0 | 0.0 | 0.0 | 0.0 | 24000.0 |
| SEP | 0.0 | 28000.0 | 0.0 | 0.0 | 0.0 | 0.0 | 28000.0 |
| OCT | 0.0 | 38000.0 | 0.0 | 0.0 | 0.0 | 0.0 | 38000.0 |
| NOV | 0.0 | 42000.0 | 0.0 | 0.0 | 0.0 | 0.0 | 42000.0 |
| DEC | 0.0 | 42000.0 | 0.0 | 0.0 | 0.0 | 0.0 | 42000.0 |
| TOTAL | 0.0 | 366000.0 | 0.0 | 0.0 | 0.0 | 0.0 | 366000.0 |
| <u>REVENUE</u> | | | | | | | |
| JAN | 0.00 | 4514.29 | 0.00 | 0.00 | 0.00 | 0.00 | 4514.29 |
| FEB | 0.00 | 6139.29 | 0.00 | 0.00 | 0.00 | 0.00 | 6139.29 |
| MAR | 0.00 | 3139.29 | 0.00 | 0.00 | 0.00 | 0.00 | 3139.29 |
| APR | 0.00 | 5014.29 | 0.00 | 0.00 | 0.00 | 0.00 | 5014.29 |
| MAY | 0.00 | 3389.29 | 0.00 | 0.00 | 0.00 | 0.00 | 3389.29 |
| JUN | 0.00 | 3139.29 | 0.00 | 0.00 | 0.00 | 0.00 | 3139.29 |
| JUL | 0.00 | 3139.29 | 0.00 | 0.00 | 0.00 | 0.00 | 3139.29 |
| AUG | 0.00 | 3639.29 | 0.00 | 0.00 | 0.00 | 0.00 | 3639.29 |
| SEP | 0.00 | 4139.29 | 0.00 | 0.00 | 0.00 | 0.00 | 4139.29 |
| OCT | 0.00 | 5389.29 | 0.00 | 0.00 | 0.00 | 0.00 | 5389.29 |
| NOV | 0.00 | 5889.29 | 0.00 | 0.00 | 0.00 | 0.00 | 5889.29 |
| DEC | 0.00 | 5889.29 | 0.00 | 0.00 | 0.00 | 0.00 | 5889.29 |
| TOTAL | 0.00 | 53421.48 | 0.00 | 0.00 | 0.00 | 0.00 | 53421.48 |

COLUMBIA GAS OF KENTUCKY, INC.

TRANSPORTATION
 TEST YEAR PROJECTED REVENUE
 RATE SCHEDULE FX5 - GTS BILLED ASHLAND / CALGON
 TWELVE MONTHS ENDED 12/2014

| MONTH | RESIDENTIAL | COMMERCIAL | INDUSTRIAL | OTHER | WHOLESALE | ELEC GEN | TOTAL |
|----------------|-------------|------------|------------|-------|-----------|----------|-----------|
| <u>BILLS</u> | | | | | | | |
| JAN | 0. | 0. | 3. | 0. | 0. | 0. | 3. |
| FEB | 0. | 0. | 3. | 0. | 0. | 0. | 3. |
| MAR | 0. | 0. | 3. | 0. | 0. | 0. | 3. |
| APR | 0. | 0. | 3. | 0. | 0. | 0. | 3. |
| MAY | 0. | 0. | 3. | 0. | 0. | 0. | 3. |
| JUN | 0. | 0. | 3. | 0. | 0. | 0. | 3. |
| JUL | 0. | 0. | 3. | 0. | 0. | 0. | 3. |
| AUG | 0. | 0. | 3. | 0. | 0. | 0. | 3. |
| SEP | 0. | 0. | 3. | 0. | 0. | 0. | 3. |
| OCT | 0. | 0. | 3. | 0. | 0. | 0. | 3. |
| NOV | 0. | 0. | 3. | 0. | 0. | 0. | 3. |
| DEC | 0. | 0. | 3. | 0. | 0. | 0. | 3. |
| TOTAL | 0. | 0. | 36. | 0. | 0. | 0. | 36. |
| <u>MCF</u> | | | | | | | |
| JAN | 0.0 | 0.0 | 301768.0 | 0.0 | 0.0 | 0.0 | 301768.0 |
| FEB | 0.0 | 0.0 | 312385.0 | 0.0 | 0.0 | 0.0 | 312385.0 |
| MAR | 0.0 | 0.0 | 319547.0 | 0.0 | 0.0 | 0.0 | 319547.0 |
| APR | 0.0 | 0.0 | 310391.0 | 0.0 | 0.0 | 0.0 | 310391.0 |
| MAY | 0.0 | 0.0 | 268000.0 | 0.0 | 0.0 | 0.0 | 268000.0 |
| JUN | 0.0 | 0.0 | 230000.0 | 0.0 | 0.0 | 0.0 | 230000.0 |
| JUL | 0.0 | 0.0 | 220000.0 | 0.0 | 0.0 | 0.0 | 220000.0 |
| AUG | 0.0 | 0.0 | 230000.0 | 0.0 | 0.0 | 0.0 | 230000.0 |
| SEP | 0.0 | 0.0 | 280200.0 | 0.0 | 0.0 | 0.0 | 280200.0 |
| OCT | 0.0 | 0.0 | 311000.0 | 0.0 | 0.0 | 0.0 | 311000.0 |
| NOV | 0.0 | 0.0 | 330000.0 | 0.0 | 0.0 | 0.0 | 330000.0 |
| DEC | 0.0 | 0.0 | 378000.0 | 0.0 | 0.0 | 0.0 | 378000.0 |
| TOTAL | 0.0 | 0.0 | 3491291.0 | 0.0 | 0.0 | 0.0 | 3491291.0 |
| <u>REVENUE</u> | | | | | | | |
| JAN | 0.00 | 0.00 | 26659.40 | 0.00 | 0.00 | 0.00 | 26659.40 |
| FEB | 0.00 | 0.00 | 27570.34 | 0.00 | 0.00 | 0.00 | 27570.34 |
| MAR | 0.00 | 0.00 | 28184.83 | 0.00 | 0.00 | 0.00 | 28184.83 |
| APR | 0.00 | 0.00 | 27399.25 | 0.00 | 0.00 | 0.00 | 27399.25 |
| MAY | 0.00 | 0.00 | 23762.10 | 0.00 | 0.00 | 0.00 | 23762.10 |
| JUN | 0.00 | 0.00 | 20501.70 | 0.00 | 0.00 | 0.00 | 20501.70 |
| JUL | 0.00 | 0.00 | 19643.70 | 0.00 | 0.00 | 0.00 | 19643.70 |
| AUG | 0.00 | 0.00 | 20501.70 | 0.00 | 0.00 | 0.00 | 20501.70 |
| SEP | 0.00 | 0.00 | 24808.86 | 0.00 | 0.00 | 0.00 | 24808.86 |
| OCT | 0.00 | 0.00 | 27451.50 | 0.00 | 0.00 | 0.00 | 27451.50 |
| NOV | 0.00 | 0.00 | 29081.70 | 0.00 | 0.00 | 0.00 | 29081.70 |
| DEC | 0.00 | 0.00 | 33200.10 | 0.00 | 0.00 | 0.00 | 33200.10 |
| TOTAL | 0.00 | 0.00 | 308765.18 | 0.00 | 0.00 | 0.00 | 308765.18 |

COLUMBIA GAS OF KENTUCKY, INC.

TRANSPORTATION
 TEST YEAR PROJECTED REVENUE
 RATE SCHEDULE FX7 - GTS BILLED KES AQUISITIONS
 TWELVE MONTHS ENDED 12/2014

| MONTH | RESIDENTIAL | COMMERCIAL | INDUSTRIAL | OTHER | WHOLESALE | ELEC GEN | TOTAL |
|----------------|-------------|------------|------------|-------|-----------|----------|-----------|
| <u>BILLS</u> | | | | | | | |
| JAN | 0. | 0. | 1. | 0. | 0. | 0. | 1. |
| FEB | 0. | 0. | 1. | 0. | 0. | 0. | 1. |
| MAR | 0. | 0. | 1. | 0. | 0. | 0. | 1. |
| APR | 0. | 0. | 1. | 0. | 0. | 0. | 1. |
| MAY | 0. | 0. | 1. | 0. | 0. | 0. | 1. |
| JUN | 0. | 0. | 1. | 0. | 0. | 0. | 1. |
| JUL | 0. | 0. | 1. | 0. | 0. | 0. | 1. |
| AUG | 0. | 0. | 1. | 0. | 0. | 0. | 1. |
| SEP | 0. | 0. | 1. | 0. | 0. | 0. | 1. |
| OCT | 0. | 0. | 1. | 0. | 0. | 0. | 1. |
| NOV | 0. | 0. | 1. | 0. | 0. | 0. | 1. |
| DEC | 0. | 0. | 1. | 0. | 0. | 0. | 1. |
| TOTAL | 0. | 0. | 12. | 0. | 0. | 0. | 12. |
| <u>MCF</u> | | | | | | | |
| JAN | 0.0 | 0.0 | 40000.0 | 0.0 | 0.0 | 0.0 | 40000.0 |
| FEB | 0.0 | 0.0 | 40000.0 | 0.0 | 0.0 | 0.0 | 40000.0 |
| MAR | 0.0 | 0.0 | 40000.0 | 0.0 | 0.0 | 0.0 | 40000.0 |
| APR | 0.0 | 0.0 | 40000.0 | 0.0 | 0.0 | 0.0 | 40000.0 |
| MAY | 0.0 | 0.0 | 40000.0 | 0.0 | 0.0 | 0.0 | 40000.0 |
| JUN | 0.0 | 0.0 | 40000.0 | 0.0 | 0.0 | 0.0 | 40000.0 |
| JUL | 0.0 | 0.0 | 40000.0 | 0.0 | 0.0 | 0.0 | 40000.0 |
| AUG | 0.0 | 0.0 | 40000.0 | 0.0 | 0.0 | 0.0 | 40000.0 |
| SEP | 0.0 | 0.0 | 40000.0 | 0.0 | 0.0 | 0.0 | 40000.0 |
| OCT | 0.0 | 0.0 | 40000.0 | 0.0 | 0.0 | 0.0 | 40000.0 |
| NOV | 0.0 | 0.0 | 40000.0 | 0.0 | 0.0 | 0.0 | 40000.0 |
| DEC | 0.0 | 0.0 | 40000.0 | 0.0 | 0.0 | 0.0 | 40000.0 |
| TOTAL | 0.0 | 0.0 | 480000.0 | 0.0 | 0.0 | 0.0 | 480000.0 |
| <u>REVENUE</u> | | | | | | | |
| JAN | 0.00 | 0.00 | 16939.29 | 0.00 | 0.00 | 0.00 | 16939.29 |
| FEB | 0.00 | 0.00 | 16939.29 | 0.00 | 0.00 | 0.00 | 16939.29 |
| MAR | 0.00 | 0.00 | 16939.29 | 0.00 | 0.00 | 0.00 | 16939.29 |
| APR | 0.00 | 0.00 | 16939.29 | 0.00 | 0.00 | 0.00 | 16939.29 |
| MAY | 0.00 | 0.00 | 16939.29 | 0.00 | 0.00 | 0.00 | 16939.29 |
| JUN | 0.00 | 0.00 | 16939.29 | 0.00 | 0.00 | 0.00 | 16939.29 |
| JUL | 0.00 | 0.00 | 16939.29 | 0.00 | 0.00 | 0.00 | 16939.29 |
| AUG | 0.00 | 0.00 | 16939.29 | 0.00 | 0.00 | 0.00 | 16939.29 |
| SEP | 0.00 | 0.00 | 16939.29 | 0.00 | 0.00 | 0.00 | 16939.29 |
| OCT | 0.00 | 0.00 | 16939.29 | 0.00 | 0.00 | 0.00 | 16939.29 |
| NOV | 0.00 | 0.00 | 16939.29 | 0.00 | 0.00 | 0.00 | 16939.29 |
| DEC | 0.00 | 0.00 | 16939.29 | 0.00 | 0.00 | 0.00 | 16939.29 |
| TOTAL | 0.00 | 0.00 | 203271.48 | 0.00 | 0.00 | 0.00 | 203271.48 |

COLUMBIA GAS OF KENTUCKY, INC.

TRANSPORTATION
 TEST YEAR PROJECTED REVENUE
 RATE SCHEDULE GDS - GTS BILLED GRANDFATHERED DELIVERY SERVICE
 TWELVE MONTHS ENDED 12/2014

| MONTH | RESIDENTIAL | COMMERCIAL | INDUSTRIAL | OTHER | WHOLESALE | ELEC GEN | TOTAL |
|----------------|-------------|------------|------------|-------|-----------|----------|------------|
| <u>BILLS</u> | | | | | | | |
| JAN | 0. | 16. | 18. | 0. | 0. | 0. | 34. |
| FEB | 0. | 16. | 18. | 0. | 0. | 0. | 34. |
| MAR | 0. | 18. | 18. | 0. | 0. | 0. | 36. |
| APR | 0. | 18. | 18. | 0. | 0. | 0. | 36. |
| MAY | 0. | 18. | 18. | 0. | 0. | 0. | 36. |
| JUN | 0. | 17. | 18. | 0. | 0. | 0. | 35. |
| JUL | 0. | 17. | 18. | 0. | 0. | 0. | 35. |
| AUG | 0. | 17. | 18. | 0. | 0. | 0. | 35. |
| SEP | 0. | 17. | 18. | 0. | 0. | 0. | 35. |
| OCT | 0. | 17. | 18. | 0. | 0. | 0. | 35. |
| NOV | 0. | 17. | 18. | 0. | 0. | 0. | 35. |
| DEC | 0. | 17. | 18. | 0. | 0. | 0. | 35. |
| TOTAL | 0. | 205. | 216. | 0. | 0. | 0. | 421. |
| <u>MCF</u> | | | | | | | |
| JAN | 0.0 | 46409.3 | 34582.0 | 0.0 | 0.0 | 0.0 | 80991.3 |
| FEB | 0.0 | 40871.0 | 28107.2 | 0.0 | 0.0 | 0.0 | 68978.2 |
| MAR | 0.0 | 39492.3 | 29068.6 | 0.0 | 0.0 | 0.0 | 68560.9 |
| APR | 0.0 | 26354.2 | 21415.5 | 0.0 | 0.0 | 0.0 | 47769.7 |
| MAY | 0.0 | 20696.9 | 17329.2 | 0.0 | 0.0 | 0.0 | 38026.1 |
| JUN | 0.0 | 14793.5 | 17720.0 | 0.0 | 0.0 | 0.0 | 32513.5 |
| JUL | 0.0 | 16742.7 | 15465.4 | 0.0 | 0.0 | 0.0 | 32208.1 |
| AUG | 0.0 | 16718.8 | 16577.7 | 0.0 | 0.0 | 0.0 | 33296.5 |
| SEP | 0.0 | 15836.1 | 17288.5 | 0.0 | 0.0 | 0.0 | 33124.6 |
| OCT | 0.0 | 20310.6 | 16932.5 | 0.0 | 0.0 | 0.0 | 37243.1 |
| NOV | 0.0 | 26728.4 | 23724.2 | 0.0 | 0.0 | 0.0 | 50452.6 |
| DEC | 0.0 | 43562.9 | 29249.4 | 0.0 | 0.0 | 0.0 | 72812.3 |
| TOTAL | 0.0 | 328516.7 | 267460.2 | 0.0 | 0.0 | 0.0 | 595976.9 |
| <u>REVENUE</u> | | | | | | | |
| JAN | 0.00 | 79082.42 | 60282.92 | 0.00 | 0.00 | 0.00 | 139365.34 |
| FEB | 0.00 | 70118.77 | 49865.72 | 0.00 | 0.00 | 0.00 | 119984.49 |
| MAR | 0.00 | 68221.15 | 51507.55 | 0.00 | 0.00 | 0.00 | 119728.70 |
| APR | 0.00 | 46874.73 | 38607.23 | 0.00 | 0.00 | 0.00 | 85481.96 |
| MAY | 0.00 | 37495.72 | 31715.19 | 0.00 | 0.00 | 0.00 | 69210.91 |
| JUN | 0.00 | 27680.31 | 32155.11 | 0.00 | 0.00 | 0.00 | 59835.42 |
| JUL | 0.00 | 30812.55 | 28547.27 | 0.00 | 0.00 | 0.00 | 59359.82 |
| AUG | 0.00 | 30839.38 | 30304.38 | 0.00 | 0.00 | 0.00 | 61143.76 |
| SEP | 0.00 | 29373.66 | 31707.22 | 0.00 | 0.00 | 0.00 | 61080.88 |
| OCT | 0.00 | 36842.60 | 31171.21 | 0.00 | 0.00 | 0.00 | 68013.81 |
| NOV | 0.00 | 47237.67 | 42549.90 | 0.00 | 0.00 | 0.00 | 89787.57 |
| DEC | 0.00 | 74758.13 | 51595.68 | 0.00 | 0.00 | 0.00 | 126353.81 |
| TOTAL | 0.00 | 579337.09 | 480009.38 | 0.00 | 0.00 | 0.00 | 1059346.47 |

COLUMBIA GAS OF KENTUCKY, INC.

TRANSPORTATION
 TEST YEAR PROJECTED REVENUE
 RATE SCHEDULE SAS - GTS BILLED SPCL AGENCY SVC
 TWELVE MONTHS ENDED 12/2014

| MONTH | RESIDENTIAL | COMMERCIAL | INDUSTRIAL | OTHER | WHOLESALE | ELEC GEN | TOTAL |
|----------------|-------------|------------|------------|-------|-----------|----------|----------|
| <u>BILLS</u> | | | | | | | |
| JAN | 0. | 1. | 0. | 0. | 0. | 0. | 1. |
| FEB | 0. | 1. | 0. | 0. | 0. | 0. | 1. |
| MAR | 0. | 1. | 0. | 0. | 0. | 0. | 1. |
| APR | 0. | 1. | 0. | 0. | 0. | 0. | 1. |
| MAY | 0. | 1. | 0. | 0. | 0. | 0. | 1. |
| JUN | 0. | 1. | 0. | 0. | 0. | 0. | 1. |
| JUL | 0. | 1. | 0. | 0. | 0. | 0. | 1. |
| AUG | 0. | 1. | 0. | 0. | 0. | 0. | 1. |
| SEP | 0. | 1. | 0. | 0. | 0. | 0. | 1. |
| OCT | 0. | 1. | 0. | 0. | 0. | 0. | 1. |
| NOV | 0. | 1. | 0. | 0. | 0. | 0. | 1. |
| DEC | 0. | 1. | 0. | 0. | 0. | 0. | 1. |
| TOTAL | 0. | 12. | 0. | 0. | 0. | 0. | 12. |
| <u>MCF</u> | | | | | | | |
| JAN | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| FEB | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| MAR | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| APR | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| MAY | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| JUN | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| JUL | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| AUG | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| SEP | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| OCT | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| NOV | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| DEC | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| TOTAL | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| <u>REVENUE</u> | | | | | | | |
| JAN | 0.00 | 876.88 | 0.00 | 0.00 | 0.00 | 0.00 | 876.88 |
| FEB | 0.00 | 876.88 | 0.00 | 0.00 | 0.00 | 0.00 | 876.88 |
| MAR | 0.00 | 876.88 | 0.00 | 0.00 | 0.00 | 0.00 | 876.88 |
| APR | 0.00 | 876.88 | 0.00 | 0.00 | 0.00 | 0.00 | 876.88 |
| MAY | 0.00 | 876.88 | 0.00 | 0.00 | 0.00 | 0.00 | 876.88 |
| JUN | 0.00 | 876.88 | 0.00 | 0.00 | 0.00 | 0.00 | 876.88 |
| JUL | 0.00 | 876.88 | 0.00 | 0.00 | 0.00 | 0.00 | 876.88 |
| AUG | 0.00 | 876.88 | 0.00 | 0.00 | 0.00 | 0.00 | 876.88 |
| SEP | 0.00 | 876.88 | 0.00 | 0.00 | 0.00 | 0.00 | 876.88 |
| OCT | 0.00 | 876.88 | 0.00 | 0.00 | 0.00 | 0.00 | 876.88 |
| NOV | 0.00 | 876.88 | 0.00 | 0.00 | 0.00 | 0.00 | 876.88 |
| DEC | 0.00 | 876.88 | 0.00 | 0.00 | 0.00 | 0.00 | 876.88 |
| TOTAL | 0.00 | 10522.56 | 0.00 | 0.00 | 0.00 | 0.00 | 10522.56 |

COLUMBIA GAS OF KENTUCKY, INC.

TRANSPORTATION
 TEST YEAR PROJECTED REVENUE
 RATE SCHEDULE SC3 - GTS BILLED AK STEEL (MAIN)
 TWELVE MONTHS ENDED 12/2014

| MONTH | RESIDENTIAL | COMMERCIAL | INDUSTRIAL | OTHER | WHOLESALE | ELEC_GEN | TOTAL |
|----------------|-------------|------------|------------|-------|-----------|----------|-----------|
| <u>BILLS</u> | | | | | | | |
| JAN | 0. | 0. | 1. | 0. | 0. | 0. | 1. |
| FEB | 0. | 0. | 1. | 0. | 0. | 0. | 1. |
| MAR | 0. | 0. | 1. | 0. | 0. | 0. | 1. |
| APR | 0. | 0. | 1. | 0. | 0. | 0. | 1. |
| MAY | 0. | 0. | 1. | 0. | 0. | 0. | 1. |
| JUN | 0. | 0. | 1. | 0. | 0. | 0. | 1. |
| JUL | 0. | 0. | 1. | 0. | 0. | 0. | 1. |
| AUG | 0. | 0. | 1. | 0. | 0. | 0. | 1. |
| SEP | 0. | 0. | 1. | 0. | 0. | 0. | 1. |
| OCT | 0. | 0. | 1. | 0. | 0. | 0. | 1. |
| NOV | 0. | 0. | 1. | 0. | 0. | 0. | 1. |
| DEC | 0. | 0. | 1. | 0. | 0. | 0. | 1. |
| TOTAL | 0. | 0. | 12. | 0. | 0. | 0. | 12. |
| <u>MCF</u> | | | | | | | |
| JAN | 0.0 | 0.0 | 418880.0 | 0.0 | 0.0 | 0.0 | 418880.0 |
| FEB | 0.0 | 0.0 | 377550.0 | 0.0 | 0.0 | 0.0 | 377550.0 |
| MAR | 0.0 | 0.0 | 368599.0 | 0.0 | 0.0 | 0.0 | 368599.0 |
| APR | 0.0 | 0.0 | 336355.0 | 0.0 | 0.0 | 0.0 | 336355.0 |
| MAY | 0.0 | 0.0 | 299916.0 | 0.0 | 0.0 | 0.0 | 299916.0 |
| JUN | 0.0 | 0.0 | 289610.0 | 0.0 | 0.0 | 0.0 | 289610.0 |
| JUL | 0.0 | 0.0 | 345650.0 | 0.0 | 0.0 | 0.0 | 345650.0 |
| AUG | 0.0 | 0.0 | 336636.0 | 0.0 | 0.0 | 0.0 | 336636.0 |
| SEP | 0.0 | 0.0 | 337570.0 | 0.0 | 0.0 | 0.0 | 337570.0 |
| OCT | 0.0 | 0.0 | 280438.0 | 0.0 | 0.0 | 0.0 | 280438.0 |
| NOV | 0.0 | 0.0 | 299101.0 | 0.0 | 0.0 | 0.0 | 299101.0 |
| DEC | 0.0 | 0.0 | 319171.0 | 0.0 | 0.0 | 0.0 | 319171.0 |
| TOTAL | 0.0 | 0.0 | 4009476.0 | 0.0 | 0.0 | 0.0 | 4009476.0 |
| <u>REVENUE</u> | | | | | | | |
| JAN | 0.00 | 0.00 | 74179.40 | 0.00 | 0.00 | 0.00 | 74179.40 |
| FEB | 0.00 | 0.00 | 68806.50 | 0.00 | 0.00 | 0.00 | 68806.50 |
| MAR | 0.00 | 0.00 | 67642.87 | 0.00 | 0.00 | 0.00 | 67642.87 |
| APR | 0.00 | 0.00 | 63451.15 | 0.00 | 0.00 | 0.00 | 63451.15 |
| MAY | 0.00 | 0.00 | 58714.08 | 0.00 | 0.00 | 0.00 | 58714.08 |
| JUN | 0.00 | 0.00 | 57374.30 | 0.00 | 0.00 | 0.00 | 57374.30 |
| JUL | 0.00 | 0.00 | 64659.50 | 0.00 | 0.00 | 0.00 | 64659.50 |
| AUG | 0.00 | 0.00 | 63487.68 | 0.00 | 0.00 | 0.00 | 63487.68 |
| SEP | 0.00 | 0.00 | 63609.10 | 0.00 | 0.00 | 0.00 | 63609.10 |
| OCT | 0.00 | 0.00 | 56181.94 | 0.00 | 0.00 | 0.00 | 56181.94 |
| NOV | 0.00 | 0.00 | 58608.13 | 0.00 | 0.00 | 0.00 | 58608.13 |
| DEC | 0.00 | 0.00 | 61217.23 | 0.00 | 0.00 | 0.00 | 61217.23 |
| TOTAL | 0.00 | 0.00 | 757931.88 | 0.00 | 0.00 | 0.00 | 757931.88 |

COLUMBIA GAS OF KENTUCKY, INC. - TEST YEAR PROJECTED DATA
 BILL FREQUENCY ANALYSIS BY RATE BLOCK
 DATA: 0 MOS. ACTUAL 12 MOS. ESTIMATED
 FOR THE 12 MONTHS ENDED 12/2014
 DS - GTS BILLED GAS DELIVERY SERVICE
 COMMERCIAL

| | RATE BLOCK (MCF) | CUMULATIVE BILLS | CONSOLIDATED FACTOR MCF |
|---------------|---------------------|---------------------|----------------------------|
| JANUARY | F 30000.0 | 29. | 246196.6 |
| | O 30000.0 | 0. | 0.0 |
| FEBRUARY | F 30000.0 | 29. | 216833.8 |
| | O 30000.0 | 0. | 0.0 |
| MARCH | F 30000.0 | 29. | 188671.6 |
| | O 30000.0 | 0. | 0.0 |
| APRIL | F 30000.0 | 29. | 135645.9 |
| | O 30000.0 | 0. | 0.0 |
| MAY | F 30000.0 | 29. | 104302.9 |
| | O 30000.0 | 0. | 0.0 |
| JUNE | F 30000.0 | 29. | 81806.4 |
| | O 30000.0 | 0. | 0.0 |
| JULY | F 30000.0 | 29. | 86057.2 |
| | O 30000.0 | 0. | 0.0 |
| AUGUST | F 30000.0 | 29. | 96181.2 |
| | O 30000.0 | 0. | 0.0 |
| SEPTEMBER | F 30000.0 | 29. | 97263.7 |
| | O 30000.0 | 0. | 0.0 |
| OCTOBER | F 30000.0 | 29. | 128689.3 |
| | O 30000.0 | 0. | 0.0 |
| NOVEMBER | F 30000.0 | 29. | 168371.6 |
| | O 30000.0 | 0. | 0.0 |
| DECEMBER | F 30000.0 | 29. | 225537.0 |
| | O 30000.0 | 0. | 0.0 |
| TOTAL 12 MOS. | F 30000.0 | 348. | 1775557.2 |
| | O 30000.0 | 0. | 0.0 |

COLUMBIA GAS OF KENTUCKY, INC. - TEST YEAR PROJECTED DATA
 BILL FREQUENCY ANALYSIS BY RATE BLOCK
 DATA: 0 MOS. ACTUAL 12 MOS. ESTIMATED
 FOR THE 12 MONTHS ENDED 12/2014
 DS - GTS BILLED GAS DELIVERY SERVICE
 INDUSTRIAL

| | | RATE BLOCK (MCF) | CUMULATIVE BILLS | CONSOLIDATED FACTOR MCF |
|---------------|---|---------------------|---------------------|----------------------------|
| JANUARY | F | 30000.0 | 34. | 406093.2 |
| | O | 30000.0 | 4. | 294508.0 |
| FEBRUARY | F | 30000.0 | 34. | 381874.8 |
| | O | 30000.0 | 4. | 239692.0 |
| MARCH | F | 30000.0 | 33. | 362909.5 |
| | O | 30000.0 | 4. | 176542.0 |
| APRIL | F | 30000.0 | 34. | 335258.5 |
| | O | 30000.0 | 3. | 120553.0 |
| MAY | F | 30000.0 | 34. | 306500.8 |
| | O | 30000.0 | 3. | 103819.0 |
| JUNE | F | 30000.0 | 35. | 275139.9 |
| | O | 30000.0 | 2. | 79691.0 |
| JULY | F | 30000.0 | 35. | 257939.4 |
| | O | 30000.0 | 2. | 71346.0 |
| AUGUST | F | 30000.0 | 35. | 284569.4 |
| | O | 30000.0 | 2. | 80882.0 |
| SEPTEMBER | F | 30000.0 | 35. | 294432.6 |
| | O | 30000.0 | 2. | 78137.0 |
| OCTOBER | F | 30000.0 | 34. | 339894.5 |
| | O | 30000.0 | 3. | 131707.0 |
| NOVEMBER | F | 30000.0 | 34. | 353651.7 |
| | O | 30000.0 | 3. | 181735.0 |
| DECEMBER | F | 30000.0 | 34. | 378025.6 |
| | O | 30000.0 | 4. | 200588.0 |
| TOTAL 12 MOS. | F | 30000.0 | 411. | 3976289.9 |
| | O | 30000.0 | 36. | 1759200.0 |

COLUMBIA GAS OF KENTUCKY, INC. - TEST YEAR PROJECTED DATA
BILL FREQUENCY ANALYSIS BY RATE BLOCK
DATA: 0 MOS. ACTUAL 12 MOS. ESTIMATED
FOR THE 12 MONTHS ENDED 12/2014
DS3 - GTS BILLED MAINLINE RATE
INDUSTRIAL

| | RATE BLOCK (MCF) | CUMULATIVE BILLS | CONSOLIDATED FACTOR MCF | |
|---------------|---------------------|---------------------|----------------------------|----------|
| JANUARY | 0 | 0.0 | 3. | 64169.0 |
| FEBRUARY | 0 | 0.0 | 3. | 57391.0 |
| MARCH | 0 | 0.0 | 3. | 67334.0 |
| APRIL | 0 | 0.0 | 3. | 60027.0 |
| MAY | 0 | 0.0 | 3. | 64435.0 |
| JUNE | 0 | 0.0 | 3. | 60839.0 |
| JULY | 0 | 0.0 | 3. | 61599.0 |
| AUGUST | 0 | 0.0 | 3. | 62335.0 |
| SEPTEMBER | 0 | 0.0 | 3. | 61372.0 |
| OCTOBER | 0 | 0.0 | 3. | 69028.0 |
| NOVEMBER | 0 | 0.0 | 3. | 69788.0 |
| DECEMBER | 0 | 0.0 | 3. | 68966.0 |
| TOTAL 12 MOS. | 0 | 0.0 | 36. | 767283.0 |

COLUMBIA GAS OF KENTUCKY, INC. - TEST YEAR PROJECTED DATA
BILL FREQUENCY ANALYSIS BY RATE BLOCK
DATA: 0 MOS. ACTUAL 12 MOS. ESTIMATED
FOR THE 12 MONTHS ENDED 12/2014
FX1 - GTS BILLEDUK FLEX RATE
COMMERCIAL

| | RATE BLOCK (MCF) | CUMULATIVE BILLS | CONSOLIDATED FACTOR MCF | |
|---------------|---------------------|---------------------|----------------------------|----------|
| JANUARY | 0 | 0.0 | 1. | 56394.0 |
| FEBRUARY | 0 | 0.0 | 1. | 40295.0 |
| MARCH | 0 | 0.0 | 1. | 62836.0 |
| APRIL | 0 | 0.0 | 1. | 25000.0 |
| MAY | 0 | 0.0 | 1. | 20000.0 |
| JUNE | 0 | 0.0 | 1. | 18400.0 |
| JULY | 0 | 0.0 | 1. | 9200.0 |
| AUGUST | 0 | 0.0 | 1. | 9100.0 |
| SEPTEMBER | 0 | 0.0 | 1. | 25900.0 |
| OCTOBER | 0 | 0.0 | 1. | 30000.0 |
| NOVEMBER | 0 | 0.0 | 1. | 40900.0 |
| DECEMBER | 0 | 0.0 | 1. | 40900.0 |
| TOTAL 12 MOS. | 0 | 0.0 | 12. | 378925.0 |

COLUMBIA GAS OF KENTUCKY, INC. - TEST YEAR PROJECTED DATA
BILL FREQUENCY ANALYSIS BY RATE BLOCK
DATA: 0 MOS. ACTUAL 12 MOS. ESTIMATED
FOR THE 12 MONTHS ENDED 12/2014
FX2 - GTS BILLED AMERICAN STANDARD FLEX RATE
COMMERCIAL

| | RATE BLOCK (MCF) | CUMULATIVE BILLS | CONSOLIDATED FACTOR MCF | |
|---------------|---------------------|---------------------|----------------------------|----------|
| JANUARY | 0 | 0.0 | 1. | 31000.0 |
| FEBRUARY | 0 | 0.0 | 1. | 44000.0 |
| MARCH | 0 | 0.0 | 1. | 20000.0 |
| APRIL | 0 | 0.0 | 1. | 35000.0 |
| MAY | 0 | 0.0 | 1. | 22000.0 |
| JUNE | 0 | 0.0 | 1. | 20000.0 |
| JULY | 0 | 0.0 | 1. | 20000.0 |
| AUGUST | 0 | 0.0 | 1. | 24000.0 |
| SEPTEMBER | 0 | 0.0 | 1. | 28000.0 |
| OCTOBER | 0 | 0.0 | 1. | 38000.0 |
| NOVEMBER | 0 | 0.0 | 1. | 42000.0 |
| DECEMBER | 0 | 0.0 | 1. | 42000.0 |
| TOTAL 12 MOS. | 0 | 0.0 | 12. | 366000.0 |

COLUMBIA GAS OF KENTUCKY, INC. - TEST YEAR PROJECTED DATA
BILL FREQUENCY ANALYSIS BY RATE BLOCK
DATA: 0 MOS. ACTUAL 12 MOS. ESTIMATED
FOR THE 12 MONTHS ENDED 12/2014
FX5 - GTS BILLEDASHLAND / CALGON
INDUSTRIAL

| | RATE BLOCK (MCF) | CUMULATIVE BILLS | CONSOLIDATED FACTOR MCF | |
|---------------|---------------------|---------------------|----------------------------|-----------|
| JANUARY | 0 | 0.0 | 3. | 301768.0 |
| FEBRUARY | 0 | 0.0 | 3. | 312385.0 |
| MARCH | 0 | 0.0 | 3. | 319547.0 |
| APRIL | 0 | 0.0 | 3. | 310391.0 |
| MAY | 0 | 0.0 | 3. | 268000.0 |
| JUNE | 0 | 0.0 | 3. | 230000.0 |
| JULY | 0 | 0.0 | 3. | 220000.0 |
| AUGUST | 0 | 0.0 | 3. | 230000.0 |
| SEPTEMBER | 0 | 0.0 | 3. | 280200.0 |
| OCTOBER | 0 | 0.0 | 3. | 311000.0 |
| NOVEMBER | 0 | 0.0 | 3. | 330000.0 |
| DECEMBER | 0 | 0.0 | 3. | 378000.0 |
| TOTAL 12 MOS. | 0 | 0.0 | 36. | 3491291.0 |

COLUMBIA GAS OF KENTUCKY, INC. - TEST YEAR PROJECTED DATA
 BILL FREQUENCY ANALYSIS BY RATE BLOCK
 DATA: 0 MOS. ACTUAL 12 MOS. ESTIMATED
 FOR THE 12 MONTHS ENDED 12/2014
 FX7 - GTS BILLED KES ACQUISITIONS
 INDUSTRIAL

| | RATE BLOCK (MCF) | CUMULATIVE BILLS | CONSOLIDATED FACTOR MCF |
|---------------|---------------------|---------------------|----------------------------|
| JANUARY | F 25000.0 | 0. | 25000.0 |
| | O 25000.0 | 1. | 15000.0 |
| FEBRUARY | F 25000.0 | 0. | 25000.0 |
| | O 25000.0 | 1. | 15000.0 |
| MARCH | F 25000.0 | 0. | 25000.0 |
| | O 25000.0 | 1. | 15000.0 |
| APRIL | F 25000.0 | 0. | 25000.0 |
| | O 25000.0 | 1. | 15000.0 |
| MAY | F 25000.0 | 0. | 25000.0 |
| | O 25000.0 | 1. | 15000.0 |
| JUNE | F 25000.0 | 0. | 25000.0 |
| | O 25000.0 | 1. | 15000.0 |
| JULY | F 25000.0 | 0. | 25000.0 |
| | O 25000.0 | 1. | 15000.0 |
| AUGUST | F 25000.0 | 0. | 25000.0 |
| | O 25000.0 | 1. | 15000.0 |
| SEPTEMBER | F 25000.0 | 0. | 25000.0 |
| | O 25000.0 | 1. | 15000.0 |
| OCTOBER | F 25000.0 | 0. | 25000.0 |
| | O 25000.0 | 1. | 15000.0 |
| NOVEMBER | F 25000.0 | 0. | 25000.0 |
| | O 25000.0 | 1. | 15000.0 |
| DECEMBER | F 25000.0 | 0. | 25000.0 |
| | O 25000.0 | 1. | 15000.0 |
| TOTAL 12 MOS. | F 25000.0 | 0. | 300000.0 |
| | O 25000.0 | 12. | 180000.0 |

COLUMBIA GAS OF KENTUCKY, INC. - TEST YEAR PROJECTED DATA
 BILL FREQUENCY ANALYSIS BY RATE BLOCK
 DATA: 0 MOS. ACTUAL 12 MOS. ESTIMATED
 FOR THE 12 MONTHS ENDED 12/2014
 GDS - GTS BILLED GRANDFATHERED DELIVERY SERVICE
 COMMERCIAL

| | | RATE BLOCK (MCF) | CUMULATIVE BILLS | CONSOLIDATED FACTOR MCF |
|---------------|---|---------------------|---------------------|----------------------------|
| JANUARY | F | 50.0 | 1. | 750.0 |
| | N | 350.0 | 0. | 5250.0 |
| | N | 600.0 | 2. | 8545.7 |
| | O | 1000.0 | 13. | 31863.6 |
| FEBRUARY | F | 50.0 | 1. | 750.0 |
| | N | 350.0 | 0. | 5250.0 |
| | N | 600.0 | 1. | 8450.0 |
| | O | 1000.0 | 14. | 26421.0 |
| MARCH | F | 50.0 | 2. | 800.0 |
| | N | 350.0 | 0. | 5600.0 |
| | N | 600.0 | 2. | 8873.9 |
| | O | 1000.0 | 14. | 24218.4 |
| APRIL | F | 50.0 | 2. | 800.0 |
| | N | 350.0 | 2. | 5431.1 |
| | N | 600.0 | 1. | 8359.4 |
| | O | 1000.0 | 13. | 11763.7 |
| MAY | F | 50.0 | 2. | 800.0 |
| | N | 350.0 | 3. | 5210.1 |
| | N | 600.0 | 3. | 7118.4 |
| | O | 1000.0 | 10. | 7568.4 |
| JUNE | F | 50.0 | 1. | 800.0 |
| | N | 350.0 | 4. | 4966.3 |
| | N | 600.0 | 4. | 6223.1 |
| | O | 1000.0 | 8. | 2804.1 |
| JULY | F | 50.0 | 1. | 800.0 |
| | N | 350.0 | 4. | 4841.7 |
| | N | 600.0 | 4. | 6302.1 |
| | O | 1000.0 | 8. | 4798.9 |
| AUGUST | F | 50.0 | 1. | 800.0 |
| | N | 350.0 | 3. | 5320.4 |
| | N | 600.0 | 4. | 5986.8 |
| | O | 1000.0 | 9. | 4611.6 |
| SEPTEMBER | F | 50.0 | 2. | 750.0 |
| | N | 350.0 | 1. | 5076.4 |
| | N | 600.0 | 6. | 6204.8 |
| | O | 1000.0 | 8. | 3804.9 |
| OCTOBER | F | 50.0 | 2. | 750.0 |
| | N | 350.0 | 1. | 5054.6 |
| | N | 600.0 | 2. | 7836.2 |
| | O | 1000.0 | 12. | 6669.8 |
| NOVEMBER | F | 50.0 | 2. | 750.0 |
| | N | 350.0 | 1. | 5101.8 |
| | N | 600.0 | 2. | 7926.2 |
| | O | 1000.0 | 12. | 12950.4 |
| DECEMBER | F | 50.0 | 1. | 800.0 |
| | N | 350.0 | 0. | 5600.0 |
| | N | 600.0 | 2. | 9170.5 |
| | O | 1000.0 | 14. | 27992.4 |
| TOTAL 12 MOS. | F | 50.0 | 18. | 9350.0 |
| | N | 350.0 | 19. | 62702.4 |
| | N | 600.0 | 33. | 90997.1 |
| | O | 1000.0 | 135. | 165467.2 |

COLUMBIA GAS OF KENTUCKY, INC. - TEST YEAR PROJECTED DATA
 BILL FREQUENCY ANALYSIS BY RATE BLOCK
 DATA: 0 MOS. ACTUAL 12 MOS. ESTIMATED
 FOR THE 12 MONTHS ENDED 12/2014
 GDS - GTS BILLED GRANDFATHERED DELIVERY SERVICE
 INDUSTRIAL

| | | RATE BLOCK (MCF) | CUMULATIVE BILLS | CONSOLIDATED FACTOR MCF |
|---------------|---|---------------------|---------------------|----------------------------|
| JANUARY | F | 50.0 | 2. | 800.0 |
| | N | 350.0 | 1. | 5598.8 |
| | N | 600.0 | 1. | 8851.1 |
| | O | 1000.0 | 14. | 19332.1 |
| FEBRUARY | F | 50.0 | 1. | 850.0 |
| | N | 350.0 | 1. | 5606.4 |
| | N | 600.0 | 1. | 9045.8 |
| | O | 1000.0 | 15. | 12605.0 |
| MARCH | F | 50.0 | 1. | 850.0 |
| | N | 350.0 | 1. | 5813.1 |
| | N | 600.0 | 1. | 9311.5 |
| | O | 1000.0 | 15. | 13094.0 |
| APRIL | F | 50.0 | 1. | 850.0 |
| | N | 350.0 | 4. | 5266.2 |
| | N | 600.0 | 4. | 6600.2 |
| | O | 1000.0 | 9. | 8699.1 |
| MAY | F | 50.0 | 3. | 755.6 |
| | N | 350.0 | 3. | 4694.8 |
| | N | 600.0 | 6. | 5749.0 |
| | O | 1000.0 | 6. | 6129.8 |
| JUNE | F | 50.0 | 3. | 750.0 |
| | N | 350.0 | 5. | 4196.7 |
| | N | 600.0 | 4. | 5261.4 |
| | O | 1000.0 | 6. | 7511.9 |
| JULY | F | 50.0 | 5. | 694.7 |
| | N | 350.0 | 2. | 4236.9 |
| | N | 600.0 | 4. | 5542.8 |
| | O | 1000.0 | 7. | 4991.0 |
| AUGUST | F | 50.0 | 4. | 737.3 |
| | N | 350.0 | 3. | 4165.4 |
| | N | 600.0 | 5. | 5302.8 |
| | O | 1000.0 | 6. | 6372.2 |
| SEPTEMBER | F | 50.0 | 3. | 796.6 |
| | N | 350.0 | 3. | 4557.8 |
| | N | 600.0 | 6. | 6271.5 |
| | O | 1000.0 | 6. | 5662.6 |
| OCTOBER | F | 50.0 | 3. | 802.0 |
| | N | 350.0 | 3. | 4730.4 |
| | N | 600.0 | 5. | 6252.1 |
| | O | 1000.0 | 7. | 5148.0 |
| NOVEMBER | F | 50.0 | 1. | 850.0 |
| | N | 350.0 | 2. | 5458.4 |
| | N | 600.0 | 5. | 7717.0 |
| | O | 1000.0 | 10. | 9698.8 |
| DECEMBER | F | 50.0 | 1. | 850.0 |
| | N | 350.0 | 2. | 5595.7 |
| | N | 600.0 | 2. | 8288.0 |
| | O | 1000.0 | 13. | 14515.7 |
| TOTAL 12 MOS. | F | 50.0 | 28. | 9586.2 |
| | N | 350.0 | 30. | 59920.6 |
| | N | 600.0 | 44. | 84193.2 |
| | O | 1000.0 | 114. | 113760.2 |

COLUMBIA GAS OF KENTUCKY, INC. - TEST YEAR PROJECTED DATA
 BILL FREQUENCY ANALYSIS BY RATE BLOCK
 DATA: 0 MOS. ACTUAL 12 MOS. ESTIMATED
 FOR THE 12 MONTHS ENDED 12/2014
 SC3 - GTS BILLEDAR STEEL (MAIN)
 INDUSTRIAL

| | RATE BLOCK (MCF) | CUMULATIVE BILLS | CONSOLIDATED FACTOR MCF |
|---------------|--------------------------|---------------------|----------------------------|
| JANUARY | F 150000.0 O 150000.0 | 0. 1. | 150000.0 268880.0 |
| FEBRUARY | F 150000.0 O 150000.0 | 0. 1. | 150000.0 227550.0 |
| MARCH | F 150000.0 O 150000.0 | 0. 1. | 150000.0 218599.0 |
| APRIL | F 150000.0 O 150000.0 | 0. 1. | 150000.0 186355.0 |
| MAY | F 150000.0 O 150000.0 | 0. 1. | 150000.0 149916.0 |
| JUNE | F 150000.0 O 150000.0 | 0. 1. | 150000.0 139610.0 |
| JULY | F 150000.0 O 150000.0 | 0. 1. | 150000.0 195650.0 |
| AUGUST | F 150000.0 O 150000.0 | 0. 1. | 150000.0 186636.0 |
| SEPTEMBER | F 150000.0 O 150000.0 | 0. 1. | 150000.0 187570.0 |
| OCTOBER | F 150000.0 O 150000.0 | 0. 1. | 150000.0 130438.0 |
| NOVEMBER | F 150000.0 O 150000.0 | 0. 1. | 150000.0 149101.0 |
| DECEMBER | F 150000.0 O 150000.0 | 0. 1. | 150000.0 169171.0 |
| TOTAL 12 MOS. | F 150000.0 O 150000.0 | 0. 12. | 1800000.0 2209476.0 |

COLUMBIA GAS OF KENTUCKY, INC.

TOTAL GMB CHOICE
 TEST YEAR PROJECTED REVENUE
 MONTHLY SUMMARY
 TWELVE MONTHS ENDED 12/2014

| MONTH | RESIDENTIAL | COMMERCIAL | INDUSTRIAL | OTHER | WHOLESALE | ELEC GEN | TOTAL |
|----------------|-------------|------------|------------|-------|-----------|----------|------------|
| <u>BILLS</u> | | | | | | | |
| JAN | 0. | 4091. | 12. | 0. | 0. | 0. | 4103. |
| FEB | 0. | 4079. | 12. | 0. | 0. | 0. | 4091. |
| MAR | 0. | 4255. | 13. | 0. | 0. | 0. | 4268. |
| APR | 0. | 4238. | 12. | 0. | 0. | 0. | 4250. |
| MAY | 0. | 4222. | 12. | 0. | 0. | 0. | 4234. |
| JUN | 0. | 4201. | 12. | 0. | 0. | 0. | 4213. |
| JUL | 0. | 4194. | 12. | 0. | 0. | 0. | 4206. |
| AUG | 0. | 4183. | 12. | 0. | 0. | 0. | 4195. |
| SEP | 0. | 4166. | 12. | 0. | 0. | 0. | 4178. |
| OCT | 0. | 4148. | 12. | 0. | 0. | 0. | 4160. |
| NOV | 0. | 4135. | 12. | 0. | 0. | 0. | 4147. |
| DEC | 0. | 4119. | 12. | 0. | 0. | 0. | 4131. |
| TOTAL | 0. | 50031. | 145. | 0. | 0. | 0. | 50176. |
| <u>MGE</u> | | | | | | | |
| JAN | 0.0 | 338995.0 | 3999.9 | 0.0 | 0.0 | 0.0 | 342994.9 |
| FEB | 0.0 | 306001.7 | 3999.9 | 0.0 | 0.0 | 0.0 | 310001.6 |
| MAR | 0.0 | 245997.6 | 4000.1 | 0.0 | 0.0 | 0.0 | 249997.7 |
| APR | 0.0 | 150992.0 | 3999.9 | 0.0 | 0.0 | 0.0 | 154991.9 |
| MAY | 0.0 | 89998.0 | 4000.1 | 0.0 | 0.0 | 0.0 | 93998.1 |
| JUN | 0.0 | 66995.9 | 4000.1 | 0.0 | 0.0 | 0.0 | 70996.0 |
| JUL | 0.0 | 60009.2 | 4000.0 | 0.0 | 0.0 | 0.0 | 64009.2 |
| AUG | 0.0 | 58005.6 | 4000.0 | 0.0 | 0.0 | 0.0 | 62005.6 |
| SEP | 0.0 | 68993.6 | 4000.0 | 0.0 | 0.0 | 0.0 | 72993.6 |
| OCT | 0.0 | 84997.6 | 3999.9 | 0.0 | 0.0 | 0.0 | 88997.5 |
| NOV | 0.0 | 132999.5 | 4000.0 | 0.0 | 0.0 | 0.0 | 136999.5 |
| DEC | 0.0 | 240001.1 | 4000.2 | 0.0 | 0.0 | 0.0 | 244001.3 |
| TOTAL | 0.0 | 1843986.8 | 48000.1 | 0.0 | 0.0 | 0.0 | 1891986.9 |
| <u>REVENUE</u> | | | | | | | |
| JAN | 0.00 | 732182.19 | 7404.48 | 0.00 | 0.00 | 0.00 | 739586.67 |
| FEB | 0.00 | 672708.27 | 7407.77 | 0.00 | 0.00 | 0.00 | 680116.04 |
| MAR | 0.00 | 569605.45 | 7431.02 | 0.00 | 0.00 | 0.00 | 577036.47 |
| APR | 0.00 | 398350.37 | 7292.80 | 0.00 | 0.00 | 0.00 | 405643.17 |
| MAY | 0.00 | 287914.64 | 7258.96 | 0.00 | 0.00 | 0.00 | 295173.60 |
| JUN | 0.00 | 245145.87 | 7239.40 | 0.00 | 0.00 | 0.00 | 252385.27 |
| JUL | 0.00 | 232161.04 | 7156.63 | 0.00 | 0.00 | 0.00 | 239317.67 |
| AUG | 0.00 | 228218.58 | 7141.20 | 0.00 | 0.00 | 0.00 | 235359.78 |
| SEP | 0.00 | 247541.04 | 7162.21 | 0.00 | 0.00 | 0.00 | 254703.25 |
| OCT | 0.00 | 276300.13 | 7286.70 | 0.00 | 0.00 | 0.00 | 283586.83 |
| NOV | 0.00 | 364070.39 | 7406.32 | 0.00 | 0.00 | 0.00 | 371476.71 |
| DEC | 0.00 | 556698.84 | 7420.75 | 0.00 | 0.00 | 0.00 | 564119.59 |
| TOTAL | 0.00 | 4810896.81 | 87608.24 | 0.00 | 0.00 | 0.00 | 4898505.05 |

COLUMBIA GAS OF KENTUCKY, INC.

GMB CHOICE
 TEST YEAR PROJECTED REVENUE
 RATE SCHEDULE GTO - GMB CHOICE BILLED COMMERCIAL INDUSTRIAL CHOICE
 TWELVE MONTHS ENDED 12/2014

| MONTH | RESIDENTIAL | COMMERCIAL | INDUSTRIAL | OTHER | WHOLESALE | ELEC_GEN | TOTAL |
|----------------|-------------|------------|------------|-------|-----------|----------|------------|
| <u>BILLS</u> | | | | | | | |
| JAN | 0. | 4091. | 12. | 0. | 0. | 0. | 4103. |
| FEB | 0. | 4079. | 12. | 0. | 0. | 0. | 4091. |
| MAR | 0. | 4255. | 13. | 0. | 0. | 0. | 4268. |
| APR | 0. | 4238. | 12. | 0. | 0. | 0. | 4250. |
| MAY | 0. | 4222. | 12. | 0. | 0. | 0. | 4234. |
| JUN | 0. | 4201. | 12. | 0. | 0. | 0. | 4213. |
| JUL | 0. | 4194. | 12. | 0. | 0. | 0. | 4206. |
| AUG | 0. | 4183. | 12. | 0. | 0. | 0. | 4195. |
| SEP | 0. | 4166. | 12. | 0. | 0. | 0. | 4178. |
| OCT | 0. | 4148. | 12. | 0. | 0. | 0. | 4160. |
| NOV | 0. | 4135. | 12. | 0. | 0. | 0. | 4147. |
| DEC | 0. | 4119. | 12. | 0. | 0. | 0. | 4131. |
| TOTAL | 0. | 50031. | 145. | 0. | 0. | 0. | 50176. |
| <u>MCF</u> | | | | | | | |
| JAN | 0.0 | 338995.0 | 3999.9 | 0.0 | 0.0 | 0.0 | 342994.9 |
| FEB | 0.0 | 306001.7 | 3999.9 | 0.0 | 0.0 | 0.0 | 310001.6 |
| MAR | 0.0 | 245997.6 | 4000.1 | 0.0 | 0.0 | 0.0 | 249997.7 |
| APR | 0.0 | 150992.0 | 3999.9 | 0.0 | 0.0 | 0.0 | 154991.9 |
| MAY | 0.0 | 89998.0 | 4000.1 | 0.0 | 0.0 | 0.0 | 93998.1 |
| JUN | 0.0 | 66995.9 | 4000.1 | 0.0 | 0.0 | 0.0 | 70996.0 |
| JUL | 0.0 | 60009.2 | 4000.0 | 0.0 | 0.0 | 0.0 | 64009.2 |
| AUG | 0.0 | 58005.6 | 4000.0 | 0.0 | 0.0 | 0.0 | 62005.6 |
| SEP | 0.0 | 68993.6 | 4000.0 | 0.0 | 0.0 | 0.0 | 72993.6 |
| OCT | 0.0 | 84997.6 | 3999.9 | 0.0 | 0.0 | 0.0 | 88997.5 |
| NOV | 0.0 | 132999.5 | 4000.0 | 0.0 | 0.0 | 0.0 | 136999.5 |
| DEC | 0.0 | 240001.1 | 4000.2 | 0.0 | 0.0 | 0.0 | 244001.3 |
| TOTAL | 0.0 | 1843986.8 | 48000.1 | 0.0 | 0.0 | 0.0 | 1891986.9 |
| <u>REVENUE</u> | | | | | | | |
| JAN | 0.00 | 732182.19 | 7404.48 | 0.00 | 0.00 | 0.00 | 739586.67 |
| FEB | 0.00 | 672708.27 | 7407.77 | 0.00 | 0.00 | 0.00 | 680116.04 |
| MAR | 0.00 | 569605.45 | 7431.02 | 0.00 | 0.00 | 0.00 | 577036.47 |
| APR | 0.00 | 398350.37 | 7292.80 | 0.00 | 0.00 | 0.00 | 405643.17 |
| MAY | 0.00 | 287914.64 | 7258.96 | 0.00 | 0.00 | 0.00 | 295173.60 |
| JUN | 0.00 | 245145.87 | 7239.40 | 0.00 | 0.00 | 0.00 | 252385.27 |
| JUL | 0.00 | 232161.04 | 7156.63 | 0.00 | 0.00 | 0.00 | 239317.67 |
| AUG | 0.00 | 228218.58 | 7141.20 | 0.00 | 0.00 | 0.00 | 235359.78 |
| SEP | 0.00 | 247541.04 | 7162.21 | 0.00 | 0.00 | 0.00 | 254703.25 |
| OCT | 0.00 | 276300.13 | 7286.70 | 0.00 | 0.00 | 0.00 | 283586.83 |
| NOV | 0.00 | 364070.39 | 7406.32 | 0.00 | 0.00 | 0.00 | 371476.71 |
| DEC | 0.00 | 556698.84 | 7420.75 | 0.00 | 0.00 | 0.00 | 564119.59 |
| TOTAL | 0.00 | 4810896.81 | 87608.24 | 0.00 | 0.00 | 0.00 | 4898505.05 |

COLUMBIA GAS OF KENTUCKY, INC. - TEST YEAR PROJECTED DATA
 BILL FREQUENCY ANALYSIS BY RATE BLOCK
 DATA: 0 MOS. ACTUAL 12 MOS. ESTIMATED
 FOR THE 12 MONTHS ENDED 12/2014
 GTO - CHOICE GMB BILLED COMMERCIAL INDUSTRIAL CHOICE
 COMMERCIAL

| | | RATE BLOCK (MCF) | CUMULATIVE BILLS | CONSOLIDATED FACTOR MCF |
|---------------|---|---------------------|---------------------|----------------------------|
| JANUARY | F | 50.0 | 2656. | 121053.1 |
| | N | 350.0 | 1338. | 152900.4 |
| | N | 600.0 | 91. | 37040.9 |
| | O | 1000.0 | 31. | 28000.6 |
| FEBRUARY | F | 50.0 | 2728. | 116677.9 |
| | N | 350.0 | 1256. | 133640.5 |
| | N | 600.0 | 81. | 29538.8 |
| | O | 1000.0 | 24. | 26144.5 |
| MARCH | F | 50.0 | 3224. | 99958.5 |
| | N | 350.0 | 969. | 103445.8 |
| | N | 600.0 | 63. | 20699.9 |
| | O | 1000.0 | 16. | 21893.4 |
| APRIL | F | 50.0 | 3579. | 64340.7 |
| | N | 350.0 | 618. | 65146.8 |
| | N | 600.0 | 43. | 13568.5 |
| | O | 1000.0 | 10. | 7936.0 |
| MAY | F | 50.0 | 3798. | 44893.5 |
| | N | 350.0 | 410. | 36820.8 |
| | N | 600.0 | 21. | 5926.7 |
| | O | 1000.0 | 3. | 2357.0 |
| JUNE | F | 50.0 | 3867. | 32565.6 |
| | N | 350.0 | 321. | 28060.7 |
| | N | 600.0 | 14. | 5172.1 |
| | O | 1000.0 | 3. | 1197.5 |
| JULY | F | 50.0 | 3888. | 30064.6 |
| | N | 350.0 | 296. | 24176.3 |
| | N | 600.0 | 11. | 4595.8 |
| | O | 1000.0 | 3. | 1172.5 |
| AUGUST | F | 50.0 | 3888. | 29298.9 |
| | N | 350.0 | 288. | 23420.6 |
| | N | 600.0 | 10. | 4259.8 |
| | O | 1000.0 | 3. | 1026.3 |
| SEPTEMBER | F | 50.0 | 3825. | 32596.0 |
| | N | 350.0 | 323. | 28589.7 |
| | N | 600.0 | 15. | 5971.1 |
| | O | 1000.0 | 6. | 1836.8 |
| OCTOBER | F | 50.0 | 3764. | 40833.7 |
| | N | 350.0 | 370. | 34084.6 |
| | N | 600.0 | 16. | 7779.0 |
| | O | 1000.0 | 7. | 2300.3 |
| NOVEMBER | F | 50.0 | 3511. | 67432.9 |
| | N | 350.0 | 596. | 50661.3 |
| | N | 600.0 | 25. | 11501.5 |
| | O | 1000.0 | 8. | 3403.8 |
| DECEMBER | F | 50.0 | 3041. | 99308.8 |
| | N | 350.0 | 1002. | 104667.9 |
| | N | 600.0 | 59. | 23660.9 |
| | O | 1000.0 | 25. | 12363.5 |
| TOTAL 12 MOS. | F | 50.0 | 41769. | 779024.2 |
| | N | 350.0 | 7787. | 785615.4 |
| | N | 600.0 | 449. | 169715.0 |
| | O | 1000.0 | 139. | 109632.2 |

COLUMBIA GAS OF KENTUCKY, INC. - TEST YEAR PROJECTED DATA
 BILL FREQUENCY ANALYSIS BY RATE BLOCK
 DATA: 0 MOS. ACTUAL 12 MOS. ESTIMATED
 FOR THE 12 MONTHS ENDED 12/2014
 GTO - CHOICE GMB BILLED COMMERCIAL INDUSTRIAL CHOICE
 INDUSTRIAL

| | | RATE BLOCK (MCF) | CUMULATIVE BILLS | CONSOLIDATED FACTOR MCF |
|---------------|---|---------------------|---------------------|----------------------------|
| JANUARY | F | 50.0 | 6. | 399.0 |
| | N | 350.0 | 3. | 1519.9 |
| | N | 600.0 | 1. | 1693.5 |
| FEBRUARY | O | 1000.0 | 2. | 387.5 |
| | F | 50.0 | 5. | 419.0 |
| | N | 350.0 | 4. | 1568.4 |
| MARCH | N | 600.0 | 1. | 1600.2 |
| | O | 1000.0 | 2. | 412.3 |
| | F | 50.0 | 6. | 447.5 |
| APRIL | N | 350.0 | 4. | 1518.8 |
| | N | 600.0 | 1. | 1581.3 |
| | O | 1000.0 | 2. | 452.5 |
| MAY | F | 50.0 | 6. | 443.0 |
| | N | 350.0 | 5. | 1566.4 |
| | N | 600.0 | 1. | 786.9 |
| JUNE | O | 1000.0 | 1. | 1203.6 |
| | F | 50.0 | 6. | 350.0 |
| | N | 350.0 | 4. | 1523.4 |
| JULY | N | 600.0 | 1. | 807.3 |
| | O | 1000.0 | 1. | 1319.4 |
| | F | 50.0 | 7. | 325.9 |
| AUGUST | N | 350.0 | 2. | 1245.4 |
| | N | 600.0 | 2. | 1160.8 |
| | O | 1000.0 | 1. | 1268.0 |
| SEPTEMBER | F | 50.0 | 8. | 272.1 |
| | N | 350.0 | 1. | 1103.5 |
| | N | 600.0 | 2. | 936.1 |
| OCTOBER | O | 1000.0 | 1. | 1688.3 |
| | F | 50.0 | 7. | 297.7 |
| | N | 350.0 | 2. | 1140.2 |
| NOVEMBER | N | 600.0 | 2. | 725.2 |
| | O | 1000.0 | 1. | 1836.9 |
| | F | 50.0 | 8. | 277.6 |
| DECEMBER | N | 350.0 | 1. | 1132.7 |
| | N | 600.0 | 2. | 916.8 |
| | O | 1000.0 | 1. | 1672.9 |
| TOTAL 12 MOS. | F | 50.0 | 6. | 338.3 |
| | N | 350.0 | 3. | 1678.1 |
| | N | 600.0 | 2. | 774.5 |
| | O | 1000.0 | 1. | 1209.0 |
| | F | 50.0 | 6. | 353.3 |
| | N | 350.0 | 3. | 1558.9 |
| | N | 600.0 | 1. | 1732.5 |
| | O | 1000.0 | 2. | 355.3 |
| | F | 50.0 | 6. | 386.0 |
| | N | 350.0 | 3. | 1564.9 |
| | N | 600.0 | 1. | 1753.7 |
| | O | 1000.0 | 2. | 295.6 |
| | F | 50.0 | 77. | 4309.4 |
| | N | 350.0 | 35. | 17120.6 |
| | N | 600.0 | 17. | 14468.8 |
| | O | 1000.0 | 17. | 12101.3 |

CKY LCR Customer 2013 & 2014 Customer Adds

New Customers

Forecasted Usage, MCF

PCID 19183325-001

| | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Total |
|------|--------|--------|--------|-------|-----|-----|-----|-----|-------|--------|--------|--------|--------|
| 2013 | 18,000 | 15,000 | 10,000 | 5,000 | 0 | 0 | 0 | 0 | 5,000 | 10,000 | 11,000 | 18,000 | 92,000 |
| 2014 | 19,000 | 16,000 | 11,000 | 5,000 | 0 | 0 | 0 | 0 | 5,000 | 10,000 | 12,000 | 19,000 | 97,000 |

PSC Case No. 2013-00167
 AG Set 1 DR No. 268
 Attachment J
 Respondent: Chad E. Notestone
 Page 1 of 12

PCID 19062553-002

| | | | | | | | | | | | | | |
|------|---|---|---|-------|-------|-------|-------|-------|-------|-------|-------|-----|--------|
| 2013 | 0 | 0 | 0 | 3,000 | 7,000 | 7,000 | 7,000 | 7,000 | 8,000 | 7,000 | 3,500 | 500 | 50,000 |
| 2014 | 0 | 0 | 0 | 3,000 | 7,000 | 7,000 | 7,000 | 7,000 | 8,000 | 7,000 | 3,500 | 500 | 50,000 |

Additional New Customers

PCID F0201332-001

| | | | | | | | | | | | | | |
|------|---|---|---|-------|-------|-------|-------|-------|-------|-------|-----|---|--------|
| 2013 | 0 | 0 | 0 | 0 | 5,000 | 5,000 | 5,000 | 5,000 | 5,000 | 5,000 | 0 | 0 | 30,000 |
| 2014 | 0 | 0 | 0 | 5,000 | 5,000 | 5,000 | 5,000 | 5,000 | 5,000 | 5,000 | 500 | 0 | 35,500 |

Customers switching rate schedules and/or having "significant" changes from 2012 year

PCID 12986406-005

| | | | | | | | | | | | | | |
|------|-------|-------|-------|-------|-----|-----|-----|-----|-----|-----|-----|-----|--------|
| 2013 | 2,081 | 1,689 | 1,746 | 1,000 | 900 | 800 | 600 | 700 | 350 | 200 | 300 | 400 | 10,766 |
| 2014 | 400 | 350 | 250 | 50 | 0 | 0 | 0 | 0 | 0 | 200 | 300 | 400 | 1,950 |

PCID 12986406-007

| | | | | | | | | | | | | | |
|------|-------|-------|-------|-------|-----|---|---|---|---|-----|-----|-----|-------|
| 2013 | 2,000 | 1,747 | 1,850 | 1,500 | 500 | 0 | 0 | 0 | 0 | 150 | 250 | 300 | 8,297 |
| 2014 | 300 | 250 | 150 | 30 | 0 | 0 | 0 | 0 | 0 | 150 | 250 | 300 | 1,430 |

Customers dropping off in 2013 and 2014 timeframe

PCID 12986524-001

| | | | | | | | | | | | | | |
|------|------|------|------|------|------|------|------|------|------|------|-----|-----|--------|
| 2013 | 8502 | 7773 | 6623 | 3000 | 1941 | 1200 | 1100 | 1100 | 1200 | 1604 | 100 | 100 | 34,243 |
| 2014 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

PCID 12986599-001

| | | | | | | | | | | | | | |
|------|-------|-----|-----|-----|----|----|----|----|----|-----|-----|-------|-------|
| 2013 | 1,200 | 900 | 400 | 100 | 80 | 60 | 40 | 40 | 90 | 400 | 800 | 1,000 | 5,110 |
| 2014 | 500 | 500 | 250 | 50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,300 |

PCID 13219721-001

| | | | | | | | | | | | | | |
|------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------|
| 2014 | 18,956 | 16,005 | 15,708 | 14,300 | 13,000 | 10,000 | 10,000 | 12,000 | 13,000 | 13,500 | 15,800 | 17,000 | 169,269 |
|------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------|

KG022013 TY122014 A1 F 345 Trunc=345 Size=114 Line=67 Col=1 Alt=0

```
====>
===== 2629 17990173DS          19183325999          1204
4 10719.7      0.0      0.0      0.0      0.0      0.0      0.0
0.0      0.0      0.0      3135.4      7891.54      7120.03      0.00      0.00
0.00      0.00      0.00      0.00      0.00      0.00      0.00      0.00
021 / 010 1100000000001
===== * * * End of File * * *
```

PSC Case No. 2013-00167
AG Set 1 DR No. 268
Attachment J
Respondent: Chad E. Notestone
Page 2 of 12

KT022013 TY122014 A1 F 345 Trunc=345 Size=11418 Line=11285 Col=1 Alt=0

====>
==== 2629 0 03GSO 19062553998 [REDACTED] 131
7 1602.2 0.0 0.0 0.0 0.0 2537.8 4472.6 412
0.4 5572.7 4829.7 2145.0 7752.54 9378.42 0.00 0.00
9.00 0.00 14729.02 25793.95 23779.76 32085.31 27836.17 124
82. 311 11000011111
==== * * * End of File * * *

PSC Case No. 2013-00167
AG Set 1 DR No. 268
Attachment J
Respondent: Chad E. Notestone
Page 3 of 12

KG022013 TY122014 A1 F 345 Trunc=345 Size=114 Line=30 Col=1 Alt=0

```

=====
0.0      0.0      0.0      3000.0    7000.0    [REDACTED]    7000.0    7000.0    7000.0    800
0.0      7000.0    3500.0    500.0     876.88   876.88   876.88   2624.08
4953.68  4953.68   4953.68   4953.68   5536.08  4953.68  2915.28  11
68! ) 10 111111111111
=====

```

*** End of File ***

PSC Case No. 2013-00167
AG Set 1 DR No. 268
Attachment J
Respondent: Chad E. Notestone
Page 4 of 12

====>
==== 2632161510243GSO 17437161999 [REDACTED]
0.0 0.0 0.0 0.0 0.0 0.4 0.0 0.0
0.0 0.0 0.0 0.0 0.00 0.00 29.11 29.11
0.11 31.51 0.00 0.00 0.00 0.00 0.00 0.00
0.) 201 001111000000

==== * * * End of File * * *

PSC Case No. 2013-00167
AG Set 1 DR No. 268
Attachment J
Respondent: Chad E. Notestone
Page 5 of 12

KG022013 TY122014 A1 F 345 Trunc=345 Size=114 Line=84 Col=1 Alt=0

====>
==== 2629 49836762GDS 12986418989 [REDACTED]
0.0 0.0 3529.1 2276.7 1837.4 1273.7 1527.3 328.3
0.0 0.0 0.0 3076.7 0.00 0.00 5974.17 3950.42
329.55 2329.67 2739.46 695.50 85.01 85.01 85.01 52
43. 001 001111111111
==== * * * End of File * * *

PSC Case No. 2013-00167
AG Set 1 DR No. 268
Attachment J
Respondent: Chad E. Notestone
Page 7 of 12

KG022013 TY122014 A1 F 345 Trunc=345 Size=114 Line=113 Col=1 Alt=0

Inactive
in 2014

| | | | | | | | | | |
|---------------------|--------------|-------------|--------|--------|--------|--------|--------|--------|--------|
| 2621 | 67460272SAS | 12986524999 | | | | | | | |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 876.88 | 876.88 | 876.88 | 876.88 | 876.88 | 876.88 | 876.88 |
| 76.88 | 876.88 | 876.88 | 876.88 | 876.88 | 876.88 | 876.88 | 876.88 | 876.88 | 8 |
| 010 | 111111111111 | | | | | | | | |
| *** End of File *** | | | | | | | | | |

PSC Case No. 2013-00167
 AG Set 1 DR No. 268
 Attachment J
 Respondent: Chad E. Notestone
 Page 8 of 12

KG022013 PRLG2014 K1 F 345 Trunc=345 Size=57 Line=31 Col=1 Alt=0

```
====>
===== 2631 89850083DS          13219721999 ██████████
6 16005.0 15708.0 14300.0 13000.0 10000.0 10000.0 12000.0 1895
0.0 13500.0 15800.0 17000.0 0.00 0.00 0.00 0.00 1300
0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00
0i ) 011 111111111111
===== * * * End of File * * *
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PSC Case No. 2013-00167
AG Set 1 DR No. 268
Attachment J
Respondent: Chad E. Notestone
Page 10 of 12

====>
==== 2632161510243GDS 12986406995 [REDACTED] 208
1 1689.0 1746.0 1000.0 900.0 800.0 600.0 700.0 90
0.0 1100.0 1300.0 1300.0 3634.19 3000.76 3092.86 1887.40
1719.87 1534.34 1181.28 1357.81 1710.87 2048.99 2372.17 23
72: 010 111111111111
==== * * * End of File * * *

PSC Case No. 2013-00167
AG Set 1 DR No. 268
Attachment J
Respondent: Chad E. Notestone
Page 11 of 12

KG022013 TY122014 A1 F 345 Trunc=345 Size=114 Line=99 Col=1 Alt=0

====>
==== 2632161510243GDS 12986406993 [REDACTED] 200
0.0 1747.0 1850.0 1500.0 1300.0 1220.0 1200.0 1350.0 149
0.0 1500.0 1700.0 1800.0 3503.30 3094.48 3260.91 2695.35
2379.17 2242.90 2210.58 2452.96 2679.19 2695.35 3018.53 31
80:) 010 111111111111
==== * * * End of File * * *

PSC Case No. 2013-00167
AG Set 1 DR No. 268
Attachment J
Respondent: Chad E. Notestone
Page 12 of 12

COLUMBIA GAS OF KENTUCKY, INC.
 FINALED ACCOUNTS BY RATE SCHEDULE BY CUSTOMER CLASS
 FOR THE 12 MONTHS ENDING 2/2013

| JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | TOTAL |
|-----------------|-------|----------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| COMMERCIAL GDS | | - GRANDFATHERED DELIVERY SERVICE | | | | | | | | | | |
| 1. | 0. | 0. | 0. | 0. | 1. | 0. | 0. | 0. | 0. | 0. | 0. | 2. |
| COMMERCIAL GTO | | - COMMERCIAL INDUSTRIAL CHOICE | | | | | | | | | | |
| 20. | 7. | 15. | 14. | 15. | 16. | 7. | 9. | 10. | 14. | 7. | 5. | 139. |
| INDUSTRIAL GTO | | - COMMERCIAL INDUSTRIAL CHOICE | | | | | | | | | | |
| 0. | 0. | 0. | 1. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 1. |
| RESIDENTIAL GTR | | - RESIDENTIAL CHOICE | | | | | | | | | | |
| 132. | 126. | 167. | 208. | 172. | 235. | 224. | 166. | 169. | 142. | 163. | 143. | 2047. |
| COMMERCIAL GSO | | - COMMERCIAL INDUSTRIAL | | | | | | | | | | |
| 78. | 67. | 65. | 74. | 68. | 66. | 58. | 77. | 55. | 58. | 75. | 48. | 789. |
| INDUSTRIAL GSO | | - COMMERCIAL INDUSTRIAL | | | | | | | | | | |
| 0. | 0. | 0. | 0. | 1. | 0. | 0. | 0. | 0. | 0. | 1. | 0. | 2. |
| RESIDENTIAL GSR | | - RESIDENTIAL SERVICE | | | | | | | | | | |
| 1400. | 1533. | 1830. | 2058. | 2122. | 2237. | 2247. | 2244. | 1727. | 1510. | 1581. | 1457. | 21946. |
| COMMERCIAL GST | | - GAS TRANSPORTATION SERVICE | | | | | | | | | | |
| 0. | 0. | 0. | 0. | 1. | 0. | 0. | 0. | 0. | 0. | 0. | 1. | 2. |
| RESIDENTIAL G1R | | - RESIDENTIAL LG&E | | | | | | | | | | |
| 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 1. | 0. | 0. | 1. |
| RESIDENTIAL IN5 | | - INLAND/GENERAL SERVICE | | | | | | | | | | |
| 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 1. | 0. | 1. |
| TOTAL | | | | | | | | | | | | |
| 1631. | 1733. | 2077. | 2355. | 2379. | 2555. | 2536. | 2496. | 1961. | 1725. | 1828. | 1654. | 24930. |

KY PSC Case No. 2013-00167
Response to AG's Data Request Set One No. 269
Respondent: Chad E. Notestone

**COLUMBIA GAS OF KENTUCKY, INC.
RESPONSE TO ATTORNEY GENERAL'S FIRST
REQUEST FOR INFORMATION
DATED JULY 19, 2013**

269. Please explain what the line item "Finaled Bills" represents and how the figures for each rate schedule were determined in Workpaper WPM-B.

Response:

Final bills represent the bills rendered to customers in their final month of service. Columbia's billing system codes customers *inactive* in their final month of service and are not counted even though they are billed a customer charge for that final month of service. Columbia's bill forecast is based on the number of *active* customers. As such, final bills are not included as part of Columbia's bill forecast. Therefore, Columbia adds final bills to the number of forecasted *active* bills to reflect the total level of customer charge revenue expected in the forecasted test year. "Finaled Bills" in workpaper WPM-B are based on historical final bill counts for the twelve months ending February 2013.

KY PSC Case No. 2013-00167
Response to AG's Data Request Set One No. 270
Respondent: Chad E. Notestone

**COLUMBIA GAS OF KENTUCKY, INC.
RESPONSE TO ATTORNEY GENERAL'S FIRST
REQUEST FOR INFORMATION
DATED JULY 19, 2013**

270. Please provide the same information as shown in Company Workpaper WPM-B and WPM-C (by month) for the five-year period ending August 2012. Please provide in executable electronic format as well as in hardcopy.

Response:

The requested information is in file on a separate CD. The file is named "CKY 2013 Rate Case AG DR Set 1 No. 270 Attachment A.xlsx."

KY PSC Case No. 2013-00167
Response to AG's Data Request Set One No. 271
Respondent: Chad E. Notestone

**COLUMBIA GAS OF KENTUCKY, INC.
RESPONSE TO ATTORNEY GENERAL'S FIRST
REQUEST FOR INFORMATION
DATED JULY 19, 2013**

271. Please provide each of the Company's Workpapers contained in Volume 10 of the Filing in executable Excel format (including all linked files).

Response:

The requested information is in file on a separate CD. Please see file named "CKY 2013 Rate Case AG DR Set 1 No. 271 Attachment A.xlsx."

KY PSC Case No. 2013-00167
Response to AG's Data Request Set One No. 272
Respondent: Russell A. Feingold

**COLUMBIA GAS OF KENTUCKY, INC.
RESPONSE TO ATTORNEY GENERAL'S FIRST
REQUEST FOR INFORMATION
DATED JULY 19, 2013**

272. With respect to the Company's Workpapers sponsored by witness R. A. Feingold consisting of 22 pages, please provide all workpapers, spreadsheets, analyses, source documents, calculations, etc. that show how each of the amounts for each class/rate schedule was determined. In this response, please provide in executable electronic format as well as in hardcopy.

Response:

Please refer to the attached files on the separate CD labeled "COLUMBIA COS Datasheet.xlsx", and "COLUMBIA Account 376 Mains - Zero Intercept.xlsx". Mr. Feingold's workpapers have been provided in hardcopy under Tab 59 of Columbia's application.

**COLUMBIA GAS OF KENTUCKY, INC.
RESPONSE TO ATTORNEY GENERAL'S FIRST
REQUEST FOR INFORMATION
DATED JULY 19, 2013**

273. Please quantify and provide the basis for the Company's proposed design day heating degree days.

Response

Columbia's Current Day Design Temperature is -7°F. This is based on a Gumbel distribution analysis of actual daily temperature data for winter period 1925/26 through 2007/08, using a 1 in 20 risk level. The analysis is developed by weather station and weighted to determine a company-wide Current Day Design Temperature. Attachment 1 hereto is the analysis for Huntington, WV. Pages 1-3 show the coldest days in each winter, with "rank", being used in the Gumbel analysis, as shown on Page 4. Reading the chart under the 1 in 20 column shows the Current Day Design Temperature of -4.2°F. Attachment 2 hereto shows the same information for the Lexington, KY weather station. Attachment 3 hereto shows the weighting of these weather stations used in the calculation of total company Current Day Design Temperature of -7°F.

Weather Station 11-HUNTINGTON, WV. Using Temperature Variable MID_MID_AVG_TMP
 20 Coldest Daily Temperatures Per Period, Ranked
 Overall Range Beginning Years: 1925 to 2007; Period Range: 11-01 to 03-31

| Period Begins | N days | Rank 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
|---------------|--------|--------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| 1925 | 151 | 7 | 10 | 15 | 17 | 17 | 19 | 19 | 19 | 19 | 19 | 21 | 21 | 22 | 24 | 24 | 24 | 24 | 25 | 25 | 25 |
| 1926 | 151 | 11 | 16 | 19 | 20 | 20 | 21 | 21 | 23 | 24 | 26 | 26 | 26 | 27 | 27 | 27 | 28 | 28 | 28 | 29 | 29 |
| 1927 | 152 | 4 | 5 | 8 | 9 | 12 | 15 | 15 | 16 | 18 | 19 | 21 | 22 | 22 | 24 | 24 | 24 | 24 | 25 | 25 | 25 |
| 1928 | 151 | 15 | 17 | 18 | 20 | 20 | 20 | 21 | 21 | 23 | 23 | 23 | 24 | 24 | 24 | 25 | 25 | 26 | 26 | 26 | 27 |
| 1929 | 151 | 16 | 17 | 18 | 19 | 20 | 20 | 20 | 20 | 22 | 22 | 24 | 24 | 24 | 24 | 25 | 25 | 26 | 26 | 27 | 27 |
| 1930 | 151 | 18 | 19 | 25 | 26 | 26 | 26 | 27 | 27 | 27 | 28 | 28 | 28 | 28 | 28 | 29 | 30 | 30 | 30 | 31 | 32 |
| 1931 | 152 | 19 | 21 | 23 | 26 | 26 | 27 | 28 | 29 | 29 | 32 | 33 | 34 | 34 | 35 | 35 | 35 | 35 | 36 | 36 | 36 |
| 1932 | 151 | 16 | 16 | 17 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 25 | 28 | 28 | 28 | 29 | 29 | 29 | 29 | 30 | 30 |
| 1933 | 151 | 7 | 10 | 11 | 15 | 17 | 17 | 17 | 17 | 18 | 21 | 22 | 22 | 23 | 23 | 23 | 24 | 25 | 25 | 25 | 27 |
| 1934 | 151 | 12 | 17 | 20 | 21 | 21 | 22 | 23 | 24 | 24 | 24 | 25 | 25 | 26 | 28 | 28 | 29 | 30 | 30 | 31 | 31 |
| 1935 | 152 | 8 | 9 | 9 | 9 | 10 | 11 | 12 | 13 | 14 | 14 | 15 | 16 | 16 | 17 | 17 | 17 | 18 | 18 | 19 | 19 |
| 1936 | 151 | 24 | 26 | 27 | 27 | 27 | 27 | 28 | 28 | 28 | 28 | 29 | 29 | 29 | 29 | 30 | 30 | 31 | 31 | 31 | 31 |
| 1937 | 151 | 14 | 16 | 16 | 18 | 19 | 21 | 22 | 22 | 23 | 23 | 24 | 24 | 25 | 26 | 26 | 26 | 27 | 28 | 28 | 29 |
| 1938 | 151 | 17 | 22 | 23 | 24 | 25 | 25 | 26 | 27 | 27 | 28 | 28 | 28 | 28 | 29 | 30 | 30 | 31 | 31 | 31 | 31 |
| 1939 | 152 | 4 | 11 | 11 | 14 | 15 | 15 | 17 | 18 | 18 | 18 | 18 | 19 | 20 | 21 | 21 | 22 | 23 | 23 | 24 | 25 |
| 1940 | 151 | 19 | 20 | 22 | 22 | 23 | 23 | 23 | 23 | 24 | 24 | 25 | 26 | 27 | 27 | 28 | 28 | 29 | 29 | 29 | 29 |
| 1941 | 151 | 5 | 13 | 13 | 14 | 16 | 18 | 19 | 21 | 22 | 22 | 24 | 25 | 26 | 26 | 27 | 27 | 28 | 28 | 29 | 29 |
| 1942 | 151 | 12 | 14 | 15 | 16 | 17 | 19 | 20 | 22 | 22 | 22 | 23 | 24 | 26 | 26 | 26 | 27 | 27 | 28 | 28 | 28 |
| 1943 | 152 | 16 | 16 | 17 | 18 | 18 | 19 | 20 | 22 | 23 | 24 | 24 | 24 | 26 | 26 | 26 | 27 | 27 | 28 | 29 | 29 |
| 1944 | 151 | 13 | 14 | 16 | 18 | 19 | 19 | 22 | 24 | 25 | 25 | 25 | 25 | 26 | 26 | 26 | 27 | 27 | 27 | 27 | 27 |
| 1945 | 151 | 17 | 18 | 19 | 19 | 20 | 20 | 21 | 21 | 21 | 22 | 22 | 23 | 24 | 24 | 25 | 25 | 28 | 28 | 29 | 29 |
| 1946 | 151 | 8 | 9 | 13 | 18 | 18 | 21 | 21 | 23 | 24 | 24 | 26 | 26 | 26 | 27 | 27 | 27 | 27 | 27 | 28 | 28 |
| 1947 | 152 | 9 | 10 | 11 | 12 | 13 | 15 | 16 | 17 | 18 | 18 | 19 | 20 | 20 | 20 | 20 | 20 | 21 | 22 | 23 | 23 |
| 1948 | 151 | 19 | 20 | 25 | 26 | 27 | 28 | 29 | 29 | 29 | 30 | 30 | 30 | 31 | 31 | 31 | 33 | 33 | 33 | 33 | 34 |
| 1949 | 151 | 14 | 21 | 25 | 25 | 25 | 26 | 26 | 28 | 28 | 29 | 30 | 30 | 30 | 31 | 31 | 31 | 32 | 32 | 32 | 33 |
| 1950 | 151 | 7 | 10 | 13 | 13 | 17 | 17 | 19 | 21 | 21 | 21 | 22 | 23 | 24 | 24 | 24 | 26 | 26 | 26 | 26 | 26 |
| 1951 | 152 | 9 | 18 | 19 | 21 | 24 | 24 | 26 | 27 | 27 | 28 | 28 | 28 | 29 | 30 | 30 | 30 | 30 | 31 | 32 | 32 |
| 1952 | 151 | 23 | 25 | 26 | 26 | 26 | 27 | 27 | 28 | 30 | 30 | 30 | 30 | 30 | 31 | 31 | 32 | 32 | 32 | 32 | 33 |
| 1953 | 151 | 14 | 14 | 16 | 17 | 23 | 23 | 23 | 24 | 25 | 26 | 26 | 26 | 27 | 27 | 27 | 28 | 29 | 29 | 29 | 30 |
| 1954 | 151 | 8 | 13 | 14 | 17 | 18 | 20 | 20 | 21 | 22 | 22 | 23 | 23 | 24 | 25 | 25 | 26 | 26 | 27 | 27 | 27 |
| 1955 | 152 | 17 | 20 | 20 | 22 | 23 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 |
| 1956 | 151 | 10 | 17 | 17 | 17 | 19 | 19 | 22 | 23 | 25 | 25 | 26 | 27 | 27 | 27 | 28 | 29 | 29 | 30 | 30 | 31 |
| 1957 | 151 | 4 | 7 | 11 | 11 | 13 | 13 | 15 | 16 | 16 | 16 | 17 | 18 | 18 | 19 | 20 | 21 | 21 | 22 | 22 | 22 |
| 1958 | 151 | 6 | 11 | 14 | 14 | 15 | 15 | 16 | 18 | 18 | 18 | 19 | 20 | 20 | 20 | 21 | 21 | 21 | 21 | 23 | 23 |
| 1959 | 152 | 18 | 19 | 20 | 20 | 20 | 21 | 22 | 22 | 22 | 23 | 23 | 23 | 23 | 23 | 23 | 24 | 24 | 24 | 25 | 25 |
| 1960 | 151 | 7 | 9 | 9 | 11 | 11 | 12 | 12 | 12 | 14 | 16 | 17 | 18 | 19 | 20 | 20 | 21 | 22 | 24 | 25 | 26 |

Weather Station 11-HUNTINGTON, WV. Using Temperature Variable MID_MID_AVG_TMP
 20 Coldest Daily Temperatures Per Period, Ranked
 Overall Range Beginning Years: 1925 to 2007; Period Range: 11-01 to 03-31

| Period Begins | N days | Rank | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
|---------------|--------|------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| 1961 | 151 | 5 | 5 | 13 | 13 | 16 | 17 | 18 | 19 | 22 | 23 | 23 | 24 | 25 | 25 | 25 | 26 | 26 | 26 | 26 | 27 |
| 1962 | 151 | -3 | 1 | 3 | 6 | 7 | 10 | 11 | 12 | 12 | 12 | 14 | 15 | 16 | 16 | 16 | 16 | 16 | 17 | 18 | 19 |
| 1963 | 152 | 7 | 8 | 9 | 9 | 12 | 13 | 14 | 14 | 15 | 15 | 18 | 19 | 19 | 20 | 21 | 22 | 22 | 23 | 23 | 23 |
| 1964 | 151 | 8 | 10 | 12 | 14 | 14 | 16 | 17 | 17 | 19 | 19 | 19 | 20 | 21 | 22 | 22 | 23 | 23 | 24 | 24 | 25 |
| 1965 | 151 | 1 | 7 | 10 | 12 | 13 | 18 | 19 | 19 | 19 | 20 | 20 | 20 | 21 | 21 | 21 | 21 | 22 | 22 | 23 | 23 |
| 1966 | 151 | 8 | 11 | 15 | 16 | 18 | 18 | 20 | 21 | 22 | 22 | 22 | 23 | 23 | 24 | 24 | 25 | 26 | 26 | 26 | 27 |
| 1967 | 152 | 5 | 10 | 12 | 12 | 13 | 13 | 16 | 17 | 18 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 21 | 21 | 22 | 22 |
| 1968 | 151 | 13 | 14 | 15 | 15 | 17 | 18 | 19 | 19 | 20 | 20 | 20 | 20 | 21 | 22 | 22 | 23 | 23 | 24 | 24 | 24 |
| 1969 | 151 | 1 | 4 | 5 | 8 | 9 | 11 | 11 | 14 | 18 | 19 | 20 | 21 | 22 | 22 | 23 | 23 | 24 | 24 | 25 | 25 |
| 1970 | 151 | 7 | 10 | 13 | 13 | 14 | 16 | 16 | 17 | 17 | 18 | 18 | 18 | 19 | 20 | 21 | 21 | 22 | 22 | 23 | 23 |
| 1971 | 152 | 0 | 9 | 17 | 18 | 20 | 21 | 23 | 23 | 24 | 24 | 24 | 24 | 24 | 25 | 25 | 25 | 25 | 25 | 25 | 26 |
| 1972 | 151 | 14 | 16 | 16 | 17 | 18 | 18 | 19 | 19 | 20 | 20 | 20 | 20 | 20 | 21 | 22 | 23 | 23 | 24 | 27 | 28 |
| 1973 | 151 | 19 | 21 | 22 | 22 | 22 | 23 | 23 | 24 | 25 | 25 | 25 | 26 | 27 | 28 | 28 | 28 | 28 | 29 | 29 | 29 |
| 1974 | 151 | 20 | 21 | 22 | 22 | 25 | 25 | 25 | 26 | 28 | 28 | 28 | 29 | 29 | 29 | 30 | 30 | 31 | 31 | 31 | 31 |
| 1975 | 152 | 8 | 14 | 15 | 16 | 20 | 20 | 21 | 21 | 22 | 23 | 23 | 23 | 24 | 26 | 26 | 27 | 27 | 28 | 29 | 29 |
| 1976 | 151 | -2 | 1 | 6 | 8 | 9 | 11 | 12 | 13 | 13 | 14 | 15 | 15 | 15 | 18 | 18 | 18 | 18 | 18 | 19 | 19 |
| 1977 | 151 | 4 | 7 | 9 | 12 | 12 | 14 | 15 | 15 | 15 | 15 | 16 | 16 | 16 | 17 | 18 | 19 | 19 | 19 | 19 | 19 |
| 1978 | 151 | 10 | 10 | 13 | 13 | 14 | 14 | 15 | 15 | 15 | 16 | 16 | 18 | 18 | 19 | 20 | 21 | 22 | 22 | 22 | 22 |
| 1979 | 152 | 12 | 13 | 13 | 14 | 14 | 15 | 18 | 18 | 19 | 19 | 20 | 21 | 22 | 22 | 22 | 22 | 23 | 25 | 25 | 26 |
| 1980 | 151 | 8 | 9 | 10 | 12 | 12 | 13 | 13 | 13 | 14 | 14 | 15 | 17 | 19 | 19 | 22 | 23 | 24 | 24 | 25 | 25 |
| 1981 | 151 | 0 | 1 | 7 | 12 | 15 | 15 | 17 | 18 | 21 | 21 | 21 | 21 | 22 | 22 | 22 | 23 | 23 | 24 | 24 | 24 |
| 1982 | 151 | 14 | 16 | 20 | 24 | 25 | 25 | 25 | 26 | 28 | 28 | 29 | 30 | 30 | 31 | 31 | 32 | 32 | 32 | 32 | 32 |
| 1983 | 152 | -2 | -2 | 5 | 5 | 8 | 9 | 10 | 11 | 14 | 16 | 18 | 18 | 18 | 20 | 21 | 22 | 23 | 23 | 23 | 23 |
| 1984 | 151 | -3 | -3 | 13 | 15 | 15 | 15 | 16 | 17 | 17 | 18 | 18 | 19 | 20 | 20 | 20 | 20 | 21 | 21 | 22 | 22 |
| 1985 | 151 | 10 | 13 | 13 | 15 | 17 | 17 | 17 | 18 | 19 | 21 | 21 | 21 | 22 | 22 | 23 | 25 | 25 | 25 | 26 | 26 |
| 1986 | 151 | 14 | 17 | 18 | 18 | 20 | 24 | 24 | 24 | 26 | 27 | 27 | 28 | 29 | 29 | 29 | 30 | 30 | 30 | 30 | 31 |
| 1987 | 152 | 7 | 11 | 12 | 13 | 15 | 17 | 18 | 19 | 21 | 21 | 21 | 22 | 22 | 22 | 24 | 25 | 25 | 26 | 26 | 27 |
| 1988 | 151 | 18 | 19 | 19 | 20 | 20 | 21 | 22 | 23 | 23 | 24 | 24 | 24 | 24 | 27 | 27 | 27 | 27 | 28 | 29 | 29 |
| 1989 | 151 | -5 | 2 | 4 | 5 | 11 | 13 | 15 | 16 | 16 | 17 | 20 | 22 | 23 | 24 | 26 | 26 | 26 | 26 | 26 | 28 |
| 1990 | 151 | 13 | 18 | 19 | 20 | 23 | 24 | 25 | 26 | 26 | 27 | 28 | 29 | 29 | 30 | 30 | 31 | 31 | 31 | 31 | 31 |
| 1991 | 152 | 13 | 17 | 22 | 23 | 24 | 24 | 24 | 26 | 26 | 26 | 26 | 27 | 28 | 28 | 28 | 28 | 29 | 29 | 29 | 29 |
| 1992 | 151 | 15 | 18 | 19 | 21 | 21 | 23 | 24 | 24 | 25 | 25 | 25 | 25 | 26 | 27 | 27 | 28 | 28 | 29 | 30 | 30 |
| 1993 | 151 | -6 | 0 | 3 | 5 | 10 | 11 | 16 | 18 | 18 | 19 | 19 | 21 | 22 | 22 | 22 | 23 | 24 | 24 | 25 | 25 |
| 1994 | 151 | 13 | 14 | 14 | 16 | 17 | 17 | 20 | 21 | 21 | 23 | 25 | 25 | 26 | 26 | 26 | 27 | 27 | 27 | 28 | 28 |
| 1995 | 152 | 2 | 7 | 10 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 19 | 21 | 21 | 22 | 23 | 23 | 23 | 23 | 24 | 24 |
| 1996 | 151 | 10 | 10 | 12 | 12 | 14 | 16 | 17 | 18 | 20 | 24 | 24 | 24 | 25 | 25 | 25 | 27 | 28 | 29 | 29 | 29 |

Weather Station 11-HUNTINGTON, WV. Using Temperature Variable MID_MID_AVG_TMP
 20 Coldest Daily Temperatures Per Period, Ranked
 Overall Range Beginning Years: 1925 to 2007; Period Range: 11-01 to 03-31

| Period Begins | N days | Rank 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | |
|---------------|--------|--------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| 1997 | 151 | 22 | 22 | 24 | 25 | 27 | 28 | 28 | 28 | 28 | 29 | 29 | 29 | 29 | 30 | 31 | 31 | 31 | 31 | 31 | 31 | 32 |
| 1998 | 151 | 12 | 17 | 18 | 20 | 21 | 22 | 22 | 24 | 24 | 24 | 25 | 25 | 25 | 26 | 26 | 27 | 27 | 27 | 27 | 27 | 28 |
| 1999 | 152 | 13 | 14 | 14 | 17 | 17 | 19 | 20 | 23 | 23 | 23 | 23 | 25 | 25 | 26 | 27 | 27 | 27 | 28 | 28 | 28 | 28 |
| 2000 | 151 | 12 | 14 | 16 | 16 | 19 | 19 | 21 | 21 | 22 | 22 | 22 | 22 | 23 | 23 | 24 | 24 | 24 | 24 | 25 | 25 | 25 |
| 2001 | 151 | 18 | 19 | 19 | 20 | 20 | 20 | 23 | 23 | 24 | 25 | 25 | 26 | 26 | 27 | 28 | 28 | 29 | 29 | 29 | 29 | 30 |
| 2002 | 151 | 12 | 14 | 16 | 17 | 18 | 18 | 19 | 19 | 21 | 21 | 22 | 23 | 23 | 24 | 24 | 25 | 25 | 26 | 26 | 27 | 27 |
| 2003 | 152 | 12 | 16 | 17 | 20 | 20 | 22 | 22 | 23 | 23 | 25 | 25 | 25 | 26 | 26 | 27 | 27 | 28 | 28 | 28 | 28 | 29 |
| 2004 | 151 | 12 | 14 | 14 | 16 | 18 | 21 | 21 | 21 | 23 | 24 | 24 | 26 | 26 | 27 | 27 | 27 | 27 | 27 | 27 | 28 | 28 |
| 2005 | 151 | 17 | 21 | 22 | 23 | 24 | 25 | 26 | 26 | 26 | 27 | 27 | 27 | 28 | 28 | 29 | 29 | 29 | 29 | 29 | 29 | 29 |
| 2006 | 151 | 9 | 12 | 17 | 17 | 17 | 18 | 18 | 18 | 19 | 19 | 20 | 21 | 21 | 22 | 22 | 23 | 25 | 26 | 26 | 26 | 26 |
| 2007 | 152 | 14 | 16 | 17 | 17 | 20 | 20 | 20 | 23 | 24 | 25 | 26 | 26 | 26 | 26 | 26 | 26 | 27 | 27 | 27 | 27 | 28 |

Weather Station 11-HUNTINGTON, WV. Using Temperature Variable MID_MID_AVG_TMP
 Temperature with the Indicated Probability of Occurrence for each period, per the Gumbel Distribution
 Overall Range Beginning Years: 1925 to 2007; Period Range: 11-01 to 03-31

| Rank | Gumbel Curve parameters and probabilities | | | | | | | |
|------|---|-----------|--------|--------|--------|--------|--------|--------|
| | Alpha | Gamma | 1/10.0 | 1/15.0 | 1/20.0 | 1/25.0 | 1/30.0 | 1/35.0 |
| 1 | 13.33769 | 0.1697957 | 0.1 | -2.5 | -4.2 | -5.6 | -6.6 | -7.5 |
| 2 | 15.20888 | 0.1268396 | 4.8 | 2.8 | 1.6 | 0.5 | -0.2 | -0.8 |
| 3 | 16.83684 | 0.1087836 | 7.6 | 6.0 | 4.9 | 4.0 | 3.4 | 2.8 |
| 4 | 17.89626 | 0.0982472 | 9.5 | 7.9 | 7.0 | 6.2 | 5.6 | 5.1 |
| 5 | 19.01820 | 0.0938705 | 11.3 | 10.0 | 9.1 | 8.4 | 7.9 | 7.4 |
| 6 | 19.87524 | 0.0899157 | 12.7 | 11.4 | 10.6 | 10.0 | 9.5 | 9.1 |
| 7 | 20.73003 | 0.0874426 | 14.0 | 12.8 | 12.1 | 11.5 | 11.0 | 10.7 |
| 8 | 21.49163 | 0.0824862 | 14.9 | 13.8 | 13.0 | 12.4 | 12.0 | 11.6 |
| 9 | 22.27813 | 0.0807683 | 16.0 | 14.9 | 14.2 | 13.7 | 13.2 | 12.9 |
| 10 | 22.90121 | 0.0752432 | 16.6 | 15.5 | 14.8 | 14.2 | 13.8 | 13.5 |

Weather Station 11-HUNTINGTON, WV. Using Temperature Variable MID_MID_AVG_TMP
 Temperature with the Indicated Probability of Occurrence for each period, per the Normal Distribution
 Overall Range Beginning Years: 1925 to 2007; Period Range: 11-01 to 03-31

| Rank | Normal Curve parameters and probabilities | | | | | | | |
|------|---|---------|--------|--------|--------|--------|--------|--------|
| | Mean | Std Dev | 1/10.0 | 1/15.0 | 1/20.0 | 1/25.0 | 1/30.0 | 1/35.0 |
| 1 | 10.3 | 6.6 | 1.9 | 0.4 | -0.6 | -1.3 | -1.8 | -2.3 |
| 2 | 13.1 | 6.2 | 5.2 | 3.8 | 2.9 | 2.3 | 1.8 | 1.3 |
| 3 | 15.3 | 5.5 | 8.3 | 7.1 | 6.3 | 5.7 | 5.3 | 4.9 |
| 4 | 16.6 | 5.3 | 9.9 | 8.7 | 8.0 | 7.4 | 7.0 | 6.6 |
| 5 | 17.9 | 4.9 | 11.7 | 10.6 | 9.9 | 9.4 | 9.0 | 8.7 |
| 6 | 18.9 | 4.6 | 13.0 | 12.0 | 11.3 | 10.8 | 10.5 | 10.1 |
| 7 | 19.9 | 4.4 | 14.2 | 13.3 | 12.6 | 12.2 | 11.8 | 11.5 |
| 8 | 20.7 | 4.4 | 15.1 | 14.1 | 13.5 | 13.0 | 12.7 | 12.4 |
| 9 | 21.6 | 4.2 | 16.1 | 15.2 | 14.6 | 14.1 | 13.8 | 13.5 |
| 10 | 22.2 | 4.3 | 16.7 | 15.8 | 15.2 | 14.7 | 14.4 | 14.1 |
| 11 | 22.8 | 4.1 | 17.6 | 16.7 | 16.1 | 15.7 | 15.4 | 15.1 |
| 12 | 23.4 | 3.9 | 18.4 | 17.5 | 17.0 | 16.5 | 16.2 | 15.9 |
| 13 | 24.0 | 3.9 | 19.0 | 18.1 | 17.5 | 17.1 | 16.8 | 16.5 |
| 14 | 24.5 | 3.9 | 19.5 | 18.6 | 18.1 | 17.7 | 17.3 | 17.1 |
| 15 | 25.0 | 3.8 | 20.2 | 19.4 | 18.8 | 18.4 | 18.1 | 17.9 |
| 16 | 25.5 | 3.8 | 20.7 | 19.9 | 19.4 | 19.0 | 18.6 | 18.4 |
| 17 | 26.0 | 3.7 | 21.3 | 20.4 | 19.9 | 19.5 | 19.2 | 19.0 |
| 18 | 26.3 | 3.6 | 21.7 | 20.9 | 20.4 | 20.0 | 19.7 | 19.4 |
| 19 | 26.8 | 3.5 | 22.3 | 21.5 | 21.0 | 20.6 | 20.4 | 20.1 |
| 20 | 27.1 | 3.6 | 22.6 | 21.8 | 21.3 | 20.9 | 20.6 | 20.4 |

Weather Station 12-LEXINGTON, KY. Using Temperature Variable MID_MID_AVG_TMP
 20 Coldest Daily Temperatures Per Period, Ranked
 Overall Range Beginning Years: 1925 to 2007; Period Range: 11-01 to 03-31

| Period Begins | N days | Rank | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
|---------------|--------|------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| 1925 | 151 | 2 | 6 | 12 | 13 | 13 | 16 | 16 | 18 | 18 | 19 | 20 | 21 | 22 | 22 | 22 | 22 | 22 | 24 | 24 | 24 | |
| 1926 | 151 | 6 | 14 | 17 | 18 | 20 | 22 | 22 | 22 | 23 | 24 | 24 | 25 | 25 | 26 | 26 | 26 | 26 | 27 | 27 | 27 | |
| 1927 | 152 | 0 | 2 | 6 | 9 | 12 | 16 | 17 | 17 | 18 | 18 | 20 | 20 | 20 | 21 | 22 | 22 | 23 | 24 | 24 | 26 | |
| 1928 | 151 | 9 | 13 | 15 | 16 | 16 | 16 | 17 | 18 | 20 | 20 | 20 | 21 | 22 | 22 | 22 | 22 | 22 | 23 | 24 | 24 | |
| 1929 | 151 | 5 | 5 | 6 | 6 | 9 | 10 | 12 | 13 | 16 | 16 | 17 | 18 | 18 | 18 | 20 | 20 | 20 | 20 | 21 | 21 | |
| 1930 | 151 | 10 | 16 | 20 | 20 | 20 | 20 | 22 | 22 | 22 | 23 | 23 | 23 | 24 | 25 | 26 | 26 | 26 | 26 | 27 | 28 | |
| 1931 | 152 | 10 | 14 | 16 | 16 | 18 | 22 | 22 | 24 | 24 | 24 | 27 | 29 | 30 | 30 | 32 | 32 | 32 | 33 | 33 | 34 | |
| 1932 | 151 | 3 | 6 | 10 | 14 | 15 | 16 | 18 | 20 | 21 | 21 | 23 | 24 | 26 | 26 | 26 | 26 | 27 | 27 | 27 | 28 | |
| 1933 | 151 | 6 | 7 | 8 | 8 | 9 | 14 | 16 | 17 | 20 | 20 | 20 | 22 | 22 | 24 | 24 | 24 | 24 | 24 | 24 | 25 | |
| 1934 | 151 | 9 | 16 | 16 | 18 | 18 | 18 | 20 | 21 | 22 | 22 | 22 | 23 | 24 | 26 | 26 | 26 | 26 | 28 | 28 | 29 | |
| 1935 | 152 | -4 | -4 | 1 | 2 | 2 | 4 | 7 | 7 | 8 | 11 | 12 | 14 | 14 | 14 | 14 | 15 | 16 | 16 | 16 | 16 | |
| 1936 | 151 | 20 | 22 | 22 | 24 | 24 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 27 | 27 | 28 | 28 | 28 | 28 | 28 | |
| 1937 | 151 | 11 | 13 | 15 | 16 | 18 | 18 | 18 | 20 | 20 | 20 | 21 | 22 | 22 | 23 | 24 | 25 | 25 | 26 | 26 | 27 | |
| 1938 | 151 | 17 | 18 | 19 | 22 | 23 | 24 | 24 | 26 | 26 | 26 | 26 | 26 | 28 | 28 | 29 | 29 | 29 | 29 | 29 | 29 | |
| 1939 | 152 | -4 | 2 | 3 | 8 | 10 | 10 | 10 | 12 | 12 | 12 | 12 | 12 | 14 | 15 | 16 | 20 | 22 | 23 | 24 | 24 | |
| 1940 | 151 | 16 | 18 | 20 | 20 | 20 | 20 | 22 | 22 | 22 | 22 | 24 | 24 | 24 | 25 | 26 | 26 | 26 | 26 | 26 | 26 | |
| 1941 | 151 | 0 | 6 | 7 | 8 | 10 | 11 | 16 | 18 | 20 | 22 | 22 | 22 | 24 | 24 | 24 | 24 | 26 | 27 | 28 | 28 | |
| 1942 | 151 | 10 | 10 | 12 | 14 | 16 | 16 | 18 | 18 | 19 | 19 | 19 | 20 | 20 | 22 | 22 | 22 | 22 | 23 | 24 | 24 | |
| 1943 | 152 | 14 | 14 | 16 | 16 | 16 | 19 | 20 | 20 | 20 | 22 | 23 | 23 | 23 | 23 | 24 | 26 | 26 | 26 | 26 | 26 | |
| 1944 | 151 | 8 | 8 | 10 | 16 | 18 | 18 | 19 | 20 | 20 | 21 | 22 | 22 | 23 | 23 | 23 | 24 | 24 | 24 | 25 | 26 | |
| 1945 | 151 | 11 | 15 | 16 | 17 | 18 | 18 | 18 | 20 | 20 | 20 | 21 | 21 | 22 | 22 | 22 | 23 | 24 | 24 | 24 | 24 | |
| 1946 | 151 | 6 | 10 | 10 | 14 | 15 | 16 | 18 | 19 | 20 | 20 | 20 | 20 | 20 | 22 | 22 | 22 | 23 | 24 | 24 | 24 | |
| 1947 | 152 | 6 | 7 | 8 | 8 | 10 | 11 | 12 | 13 | 13 | 14 | 14 | 15 | 15 | 16 | 18 | 19 | 19 | 20 | 20 | 23 | |
| 1948 | 151 | 11 | 18 | 18 | 20 | 20 | 22 | 22 | 24 | 24 | 25 | 25 | 27 | 27 | 28 | 28 | 29 | 29 | 30 | 30 | 30 | |
| 1949 | 151 | 18 | 20 | 22 | 24 | 24 | 25 | 25 | 26 | 26 | 27 | 27 | 27 | 28 | 28 | 29 | 29 | 29 | 29 | 30 | 30 | |
| 1950 | 151 | -3 | 5 | 7 | 9 | 10 | 11 | 14 | 15 | 16 | 16 | 18 | 18 | 19 | 20 | 21 | 22 | 22 | 22 | 23 | 24 | |
| 1951 | 152 | 6 | 13 | 14 | 16 | 18 | 22 | 23 | 23 | 23 | 24 | 24 | 25 | 26 | 26 | 27 | 27 | 28 | 28 | 28 | 28 | |
| 1952 | 151 | 22 | 23 | 24 | 24 | 25 | 25 | 26 | 27 | 27 | 28 | 28 | 29 | 29 | 29 | 29 | 30 | 31 | 31 | 31 | 32 | |
| 1953 | 151 | 9 | 9 | 11 | 12 | 20 | 20 | 22 | 22 | 24 | 24 | 24 | 25 | 25 | 25 | 27 | 28 | 28 | 28 | 28 | 29 | |
| 1954 | 151 | 6 | 10 | 13 | 14 | 17 | 19 | 20 | 20 | 20 | 24 | 24 | 24 | 25 | 26 | 26 | 26 | 26 | 26 | 26 | 27 | |
| 1955 | 152 | 15 | 18 | 19 | 20 | 22 | 22 | 23 | 23 | 23 | 24 | 24 | 24 | 24 | 25 | 25 | 26 | 27 | 27 | 27 | 28 | |
| 1956 | 151 | 12 | 13 | 18 | 18 | 20 | 21 | 22 | 22 | 23 | 25 | 26 | 27 | 27 | 27 | 27 | 27 | 27 | 29 | 29 | 29 | |
| 1957 | 151 | 3 | 7 | 7 | 13 | 13 | 14 | 14 | 15 | 16 | 16 | 16 | 16 | 18 | 20 | 20 | 20 | 20 | 20 | 21 | 21 | |
| 1958 | 151 | 5 | 10 | 13 | 13 | 14 | 15 | 15 | 16 | 16 | 17 | 17 | 18 | 19 | 19 | 19 | 20 | 20 | 21 | 21 | 22 | |
| 1959 | 152 | 10 | 13 | 13 | 15 | 16 | 17 | 17 | 18 | 19 | 19 | 19 | 19 | 20 | 21 | 21 | 21 | 22 | 22 | 22 | 22 | |
| 1960 | 151 | 6 | 6 | 7 | 7 | 9 | 10 | 11 | 11 | 15 | 15 | 16 | 17 | 18 | 19 | 19 | 20 | 22 | 23 | 24 | 24 | |

Weather Station 12-LEXINGTON, KY. Using Temperature Variable MID_MID_AVG_TMP
 20 Coldest Daily Temperatures Per Period, Ranked
 Overall Range Beginning Years: 1925 to 2007; Period Range: 11-01 to 03-31

| Period Begins | N days | Rank (1) | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
|---------------|--------|----------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| 1961 | 151 | -1 | 2 | 9 | 11 | 12 | 13 | 14 | 19 | 19 | 22 | 23 | 23 | 23 | 24 | 25 | 26 | 26 | 26 | 26 | 26 |
| 1962 | 151 | -8 | 0 | 3 | 4 | 6 | 8 | 8 | 10 | 11 | 12 | 12 | 14 | 14 | 15 | 17 | 19 | 19 | 20 | 20 | 20 |
| 1963 | 152 | 6 | 9 | 10 | 10 | 13 | 13 | 14 | 14 | 15 | 16 | 17 | 19 | 20 | 20 | 20 | 21 | 22 | 23 | 23 | 23 |
| 1964 | 151 | 3 | 5 | 7 | 8 | 11 | 11 | 12 | 17 | 17 | 18 | 19 | 20 | 20 | 20 | 21 | 21 | 21 | 21 | 21 | 22 |
| 1965 | 151 | -2 | 4 | 6 | 7 | 10 | 11 | 16 | 18 | 18 | 18 | 18 | 20 | 20 | 20 | 20 | 21 | 21 | 21 | 21 | 22 |
| 1966 | 151 | 7 | 10 | 16 | 16 | 19 | 20 | 20 | 21 | 21 | 22 | 23 | 23 | 24 | 24 | 24 | 25 | 25 | 26 | 26 | 26 |
| 1967 | 152 | 9 | 11 | 11 | 13 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 19 | 20 | 20 | 21 | 21 | 22 | 22 | 23 | 23 |
| 1968 | 151 | 10 | 16 | 17 | 18 | 18 | 19 | 20 | 20 | 21 | 22 | 22 | 23 | 24 | 24 | 24 | 24 | 24 | 25 | 25 | 25 |
| 1969 | 151 | 0 | 3 | 3 | 3 | 6 | 9 | 10 | 12 | 13 | 17 | 19 | 21 | 22 | 23 | 24 | 24 | 25 | 25 | 25 | 25 |
| 1970 | 151 | 7 | 8 | 9 | 11 | 13 | 13 | 15 | 16 | 16 | 17 | 17 | 18 | 19 | 20 | 20 | 21 | 21 | 22 | 23 | 23 |
| 1971 | 152 | 0 | 2 | 12 | 16 | 17 | 21 | 21 | 22 | 22 | 22 | 22 | 23 | 23 | 25 | 25 | 25 | 26 | 26 | 27 | 28 |
| 1972 | 151 | 14 | 17 | 18 | 18 | 20 | 20 | 21 | 21 | 22 | 22 | 23 | 23 | 24 | 24 | 25 | 26 | 26 | 26 | 28 | 29 |
| 1973 | 151 | 18 | 20 | 20 | 20 | 20 | 21 | 22 | 22 | 23 | 23 | 23 | 24 | 24 | 26 | 26 | 26 | 27 | 27 | 27 | 27 |
| 1974 | 151 | 16 | 22 | 23 | 23 | 23 | 24 | 25 | 26 | 27 | 27 | 28 | 28 | 29 | 29 | 29 | 30 | 30 | 30 | 30 | 30 |
| 1975 | 152 | 5 | 12 | 13 | 14 | 14 | 15 | 15 | 17 | 19 | 21 | 21 | 22 | 23 | 23 | 24 | 24 | 25 | 26 | 26 | 26 |
| 1976 | 151 | -3 | 0 | 2 | 3 | 6 | 9 | 10 | 11 | 11 | 11 | 11 | 12 | 13 | 13 | 14 | 15 | 15 | 15 | 17 | 17 |
| 1977 | 151 | 3 | 4 | 6 | 7 | 8 | 8 | 9 | 11 | 11 | 11 | 13 | 13 | 14 | 14 | 14 | 15 | 15 | 16 | 16 | 16 |
| 1978 | 151 | 8 | 9 | 10 | 10 | 11 | 11 | 11 | 11 | 13 | 14 | 15 | 15 | 16 | 16 | 17 | 18 | 19 | 19 | 20 | 20 |
| 1979 | 152 | 10 | 11 | 11 | 12 | 13 | 14 | 15 | 16 | 16 | 16 | 18 | 19 | 20 | 21 | 21 | 22 | 22 | 23 | 23 | 24 |
| 1980 | 151 | 9 | 9 | 10 | 11 | 12 | 13 | 13 | 13 | 15 | 15 | 16 | 17 | 17 | 18 | 19 | 22 | 23 | 23 | 23 | 25 |
| 1981 | 151 | -3 | -2 | 3 | 10 | 13 | 14 | 14 | 15 | 15 | 15 | 17 | 17 | 19 | 20 | 20 | 21 | 22 | 22 | 23 | 24 |
| 1982 | 151 | 18 | 20 | 21 | 23 | 24 | 24 | 24 | 25 | 27 | 27 | 27 | 28 | 28 | 28 | 29 | 29 | 30 | 30 | 30 | 30 |
| 1983 | 152 | -4 | -1 | 0 | 3 | 4 | 5 | 12 | 14 | 14 | 14 | 15 | 16 | 18 | 18 | 20 | 21 | 21 | 22 | 22 | 23 |
| 1984 | 151 | -7 | -1 | 6 | 12 | 12 | 12 | 14 | 14 | 15 | 15 | 15 | 15 | 16 | 16 | 16 | 20 | 20 | 20 | 21 | 21 |
| 1985 | 151 | 6 | 9 | 10 | 11 | 11 | 12 | 14 | 15 | 16 | 18 | 18 | 20 | 20 | 20 | 22 | 22 | 23 | 23 | 24 | 25 |
| 1986 | 151 | 11 | 13 | 14 | 16 | 18 | 22 | 24 | 24 | 25 | 25 | 26 | 26 | 27 | 28 | 28 | 29 | 29 | 29 | 30 | 30 |
| 1987 | 152 | 9 | 10 | 10 | 12 | 14 | 14 | 14 | 15 | 16 | 17 | 18 | 18 | 18 | 22 | 23 | 23 | 24 | 24 | 24 | 25 |
| 1988 | 151 | 16 | 17 | 17 | 19 | 20 | 20 | 20 | 21 | 21 | 23 | 25 | 25 | 26 | 26 | 26 | 28 | 28 | 28 | 28 | 29 |
| 1989 | 151 | -8 | -2 | -2 | 2 | 7 | 8 | 10 | 12 | 17 | 17 | 18 | 21 | 21 | 22 | 23 | 23 | 24 | 25 | 26 | 26 |
| 1990 | 151 | 10 | 14 | 18 | 18 | 21 | 21 | 24 | 24 | 25 | 25 | 27 | 27 | 27 | 28 | 29 | 29 | 29 | 30 | 31 | 31 |
| 1991 | 152 | 10 | 17 | 20 | 21 | 22 | 23 | 24 | 24 | 24 | 26 | 26 | 26 | 27 | 27 | 28 | 28 | 28 | 28 | 28 | 29 |
| 1992 | 151 | 10 | 18 | 18 | 19 | 20 | 23 | 23 | 24 | 24 | 24 | 24 | 25 | 25 | 25 | 26 | 26 | 26 | 27 | 27 | 28 |
| 1993 | 151 | -8 | -6 | -1 | 5 | 8 | 9 | 13 | 14 | 15 | 17 | 19 | 19 | 19 | 21 | 21 | 22 | 23 | 24 | 24 | 25 |
| 1994 | 151 | 12 | 12 | 13 | 13 | 15 | 16 | 19 | 21 | 21 | 21 | 24 | 24 | 24 | 24 | 24 | 25 | 25 | 26 | 26 | 26 |
| 1995 | 152 | -1 | 4 | 9 | 11 | 11 | 13 | 14 | 14 | 16 | 17 | 17 | 18 | 18 | 18 | 21 | 21 | 22 | 22 | 22 | 22 |
| 1996 | 151 | 4 | 7 | 8 | 9 | 13 | 14 | 15 | 16 | 18 | 20 | 23 | 23 | 23 | 24 | 24 | 25 | 26 | 26 | 26 | 28 |

Weather Station 12-LEXINGTON, KY. Using Temperature Variable MID_MID_AVG_TMP
 20 Coldest Daily Temperatures Per Period, Ranked
 Overall Range Beginning Years: 1925 to 2007; Period Range: 11-01 to 03-31

| Period Begins | N days | Rank | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
|---------------|--------|------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| 1997 | 151 | 19 | 19 | 23 | 24 | 24 | 26 | 27 | 28 | 28 | 28 | 28 | 28 | 28 | 29 | 29 | 29 | 29 | 29 | 29 | 30 |
| 1998 | 151 | 11 | 13 | 16 | 17 | 19 | 20 | 21 | 21 | 21 | 22 | 22 | 23 | 24 | 24 | 24 | 24 | 25 | 26 | 26 | 27 |
| 1999 | 152 | 11 | 13 | 14 | 14 | 17 | 18 | 18 | 22 | 23 | 23 | 24 | 24 | 25 | 25 | 25 | 26 | 26 | 26 | 27 | 27 |
| 2000 | 151 | 7 | 12 | 15 | 15 | 15 | 15 | 16 | 17 | 17 | 18 | 19 | 19 | 20 | 20 | 20 | 20 | 22 | 23 | 23 | 23 |
| 2001 | 151 | 16 | 17 | 17 | 18 | 18 | 19 | 22 | 22 | 23 | 24 | 24 | 25 | 25 | 25 | 26 | 26 | 27 | 28 | 28 | 28 |
| 2002 | 151 | 9 | 10 | 10 | 15 | 16 | 17 | 18 | 18 | 19 | 20 | 20 | 20 | 20 | 21 | 24 | 24 | 24 | 24 | 25 | 25 |
| 2003 | 152 | 8 | 11 | 14 | 18 | 19 | 20 | 20 | 20 | 21 | 21 | 24 | 25 | 26 | 26 | 26 | 26 | 27 | 27 | 27 | 27 |
| 2004 | 151 | 12 | 13 | 14 | 14 | 16 | 20 | 21 | 22 | 23 | 23 | 23 | 23 | 24 | 25 | 25 | 25 | 26 | 26 | 27 | 27 |
| 2005 | 151 | 14 | 19 | 20 | 20 | 21 | 22 | 24 | 24 | 25 | 25 | 25 | 26 | 26 | 26 | 26 | 26 | 27 | 27 | 27 | 28 |
| 2006 | 151 | 9 | 15 | 16 | 16 | 16 | 17 | 18 | 18 | 18 | 19 | 19 | 20 | 20 | 20 | 20 | 20 | 23 | 23 | 24 | 24 |
| 2007 | 152 | 11 | 13 | 18 | 18 | 18 | 18 | 21 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 25 | 26 | 27 | 27 | 27 | 28 |

Weather Station 12-LEXINGTON, KY. Using Temperature Variable MID_MID_AVG_TMP
 Temperature with the Indicated Probability of Occurrence for each period, per the Gumbel Distribution
 Overall Range Beginning Years: 1925 to 2007; Period Range: 11-01 to 03-31

| Rank | Gumbel Curve parameters and probabilities | | | | | | | |
|------|---|-----------|--------|--------|--------|--------|--------|--------|
| | Alpha | Gamma | 1/10.0 | 1/15.0 | 1/20.0 | 1/25.0 | 1/30.0 | 1/35.0 |
| 1 | 10.36256 | 0.1602361 | -3.7 | -6.4 | -8.2 | -9.7 | -10.8 | -11.7 |
| 2 | 12.61936 | 0.1172247 | 1.3 | -0.8 | -2.1 | -3.2 | -4.1 | -4.7 |
| 3 | 14.10198 | 0.1010638 | 4.2 | 2.4 | 1.2 | 0.3 | -0.4 | -1.0 |
| 4 | 15.29969 | 0.0939590 | 6.5 | 4.9 | 3.9 | 3.0 | 2.4 | 1.9 |
| 5 | 16.49501 | 0.0910010 | 8.6 | 7.2 | 6.3 | 5.5 | 5.0 | 4.6 |
| 6 | 17.57448 | 0.0827989 | 9.8 | 8.4 | 7.5 | 6.8 | 6.3 | 5.9 |
| 7 | 18.65441 | 0.0814321 | 11.5 | 10.2 | 9.4 | 8.7 | 8.2 | 7.8 |
| 8 | 19.53673 | 0.0795218 | 12.7 | 11.5 | 10.8 | 10.1 | 9.7 | 9.3 |
| 9 | 20.22129 | 0.0791527 | 13.8 | 12.7 | 12.0 | 11.4 | 11.0 | 10.7 |
| 10 | 20.86759 | 0.0769903 | 14.7 | 13.6 | 12.9 | 12.4 | 12.0 | 11.6 |

Weather Station 12-LEXINGTON, KY. Using Temperature Variable MID_MID_AVG_TMP
 Temperature with the Indicated Probability of Occurrence for each period, per the Normal Distribution
 Overall Range Beginning Years: 1925 to 2007; Period Range: 11-01 to 03-31

| Rank | Normal Curve parameters and probabilities | | | | | | | |
|------|---|---------|--------|--------|--------|--------|--------|--------|
| | Mean | Std Dev | 1/10.0 | 1/15.0 | 1/20.0 | 1/25.0 | 1/30.0 | 1/35.0 |
| 1 | 7.3 | 6.9 | -1.6 | -3.1 | -4.1 | -4.8 | -5.4 | -5.8 |
| 2 | 10.4 | 6.6 | 2.0 | 0.5 | -0.4 | -1.1 | -1.7 | -2.1 |
| 3 | 12.4 | 6.1 | 4.6 | 3.3 | 2.4 | 1.7 | 1.2 | 0.8 |
| 4 | 13.9 | 5.6 | 6.8 | 5.5 | 4.7 | 4.1 | 3.7 | 3.3 |
| 5 | 15.4 | 5.2 | 8.8 | 7.6 | 6.9 | 6.3 | 5.9 | 5.6 |
| 6 | 16.5 | 5.1 | 10.0 | 8.8 | 8.1 | 7.6 | 7.1 | 6.8 |
| 7 | 17.8 | 4.8 | 11.6 | 10.6 | 9.9 | 9.4 | 9.0 | 8.6 |
| 8 | 18.7 | 4.6 | 12.8 | 11.8 | 11.2 | 10.7 | 10.3 | 10.0 |
| 9 | 19.5 | 4.3 | 13.9 | 13.0 | 12.4 | 11.9 | 11.5 | 11.2 |
| 10 | 20.2 | 4.3 | 14.8 | 13.8 | 13.2 | 12.8 | 12.4 | 12.1 |
| 11 | 20.9 | 4.2 | 15.5 | 14.6 | 14.0 | 13.6 | 13.2 | 12.9 |
| 12 | 21.6 | 4.1 | 16.3 | 15.4 | 14.8 | 14.4 | 14.1 | 13.8 |
| 13 | 22.2 | 4.0 | 17.0 | 16.2 | 15.6 | 15.2 | 14.8 | 14.6 |
| 14 | 22.7 | 3.9 | 17.7 | 16.8 | 16.3 | 15.8 | 15.5 | 15.2 |
| 15 | 23.3 | 3.8 | 18.4 | 17.5 | 17.0 | 16.6 | 16.3 | 16.0 |
| 16 | 23.9 | 3.6 | 19.3 | 18.6 | 18.0 | 17.7 | 17.4 | 17.1 |
| 17 | 24.4 | 3.5 | 20.0 | 19.2 | 18.7 | 18.3 | 18.0 | 17.8 |
| 18 | 24.8 | 3.4 | 20.4 | 19.7 | 19.2 | 18.8 | 18.5 | 18.3 |
| 19 | 25.2 | 3.3 | 20.9 | 20.2 | 19.7 | 19.4 | 19.1 | 18.9 |
| 20 | 25.7 | 3.4 | 21.3 | 20.6 | 20.1 | 19.8 | 19.5 | 19.2 |

Columbia Gas of Kentucky
Weather Station Current Day Design Temperature ⁽¹⁾

| <u>PSP</u> | <u>Pipeline Area</u> | <u>Location</u> | <u>2009 Station Weighting</u> | <u>Historical Period</u> | <u>Current Day Temp ⁽²⁾</u> |
|------------------|----------------------|-----------------|-------------------------------|--------------------------|--|
| 18-10 | Cincinnati | Lexington, KY | 100.0000 | 1925-2008 | -8 |
| 18-11 | Aberdeen | Lexington, KY | 100.0000 | 1925-2008 | -8 |
| 18-12 | Lexington | Lexington, KY | 100.0000 | 1925-2008 | -8 |
| 18-13 | Manchester | Lexington, KY | 100.0000 | 1925-2008 | -8 |
| 18-14 | West Liberty | Huntington, WV | 100.0000 | 1925-2008 | -4 |
| 17-15 | Portsmouth | Huntington, WV | 100.0000 | 1925-2008 | -4 |
| 17-16 | Lancer | Huntington, WV | 100.0000 | 1925-2008 | -4 |
| 17-18 | KY/WV Misc. | Huntington, WV | 100.0000 | 1925-2008 | -4 |
| CKY Total | | Huntington, WV | 17.2268 | 1925-2008 | -4 |
| | | Lexington, KY | 82.7732 | 1925-2008 | -8 |
| | | | 100.0000 | Total Co: | -7 |

(1) Using all available temperature data through March 2008 and weather station weights based on actual firm customer demand from December 2008 through February 2009.

(2) Temperature having a 1 in 20 probability of occurrence.

**COLUMBIA GAS OF KENTUCKY, INC.
RESPONSE TO ATTORNEY GENERAL'S FIRST
REQUEST FOR INFORMATION
DATED JULY 19, 2013**

274. Please provide the Company's total distribution actual peak sendout (MCF or Dth) and date of the sendout in each of the last 10 calendar years.

Response:

Please see the table below for Actual Peak Sendout for the past 10 years.

**Columbia Gas of Kentucky
Peak Sendout For Calendar Years 2003 Through 2012
and Peak Sendout for January 1, 2013 through July 25, 2013**

| Year | Date | Day of Week | Temperature | Dth/Day |
|-------------|-------------|--------------------|--------------------|----------------|
| 2003 | 01/23/2003 | Thursday | 7 | 294,408 |
| 2004 | 01/30/2004 | Friday | 6 | 283,897 |
| 2005 | 01/17/2005 | Monday | 12 | 274,722 |
| 2006 | 12/07/2006 | Thursday | 17 | 237,632 |
| 2007 | 02/05/2007 | Monday | 9 | 278,210 |
| 2008 | 01/24/2008 | Thursday | 13 | 269,652 |
| 2009 | 01/15/2009 | Thursday | 7 | 264,376 |
| 2010 | 12/14/2010 | Tuesday | 12 | 255,926 |
| 2011 | 01/21/2011 | Friday | 9 | 239,245 |
| 2012 | 01/03/2012 | Tuesday | 23 | 211,243 |
| 2013 | 01/22/2013 | Tuesday | 15 | 245,795 |

KY PSC Case No. 2013-00167
Response to AG's Data Request Set One No. 275
Respondent: Judy M. Cooper

**COLUMBIA GAS OF KENTUCKY, INC.
RESPONSE TO ATTORNEY GENERAL'S FIRST
REQUEST FOR INFORMATION
DATED JULY 19, 2013**

275. Please provide a list of all curtailments by rate schedule, by date, for each curtailment in the last five years. In this response, please provide an estimate of the MCF of Dth curtailed for each curtailment.

Response:

There have been no curtailments imposed by Columbia during the last five years.

**COLUMBIA GAS OF KENTUCKY, INC.
RESPONSE TO ATTORNEY GENERAL'S FIRST
REQUEST FOR INFORMATION
DATED JULY 19, 2013**

276. With respect to the Company's Workpapers sponsored by witness R.A.

Feingold at Page 18, please provide in executable electronic format:

- a. all workpapers, spreadsheets, source documents, calculations, etc. that show how each of the figures in Lines 1, 2, and 3 for each of Steel and Plastic was determined; and,
- b. the bases and determinations of the unit costs (apparently in 2012 dollars) that were used in the determinations of the dollar amounts for each of Steel and Plastic in Line 2.

Response:

- a. Please refer to Columbia's response to AG data request number 1-266 which provides the file entitled, "COLUMBIA Account 376 Mains - Zero Intercept.xlsx."
- b. Please refer to Columbia's response to AG data request number 1-266 which provides the file entitled, "COLUMBIA Account 376 Mains - Zero Intercept.xlsx." The original cost of steel and plastic pipe was provided from Columbia's plant records as shown on the worksheet under tab "M." The costs

were indexed to 2012 dollars based on the Handy-Whitman Index of Public Utility Construction Costs for the South Atlantic Region.

**COLUMBIA GAS OF KENTUCKY, INC.
RESPONSE TO ATTORNEY GENERAL'S FIRST
REQUEST FOR INFORMATION
DATED JULY 19, 2013**

277. Please provide Mains investment footage and dollar investment by vintage year, by size, and by type of pipe. Please provide this response in executable electronic format.

Response:

Please see KY AG DR Set 1 No. 277 Attachments A-F. Attachment A displays quantity and cost for pipe assets in the mains account by vintage. Attachment B displays quantity and cost for pipe assets in the mains account by size. Attachment C displays quantity and cost for pipe assets in the mains account by pipe type. Attachment D displays quantity and cost for non-pipe assets (example valves, etc.) in the mains account by vintage. Attachment E displays quantity and cost for non-pipe assets (example valves, etc.) in the mains account by size. Attachment F displays quantity and cost for non-pipe assets (example valves, etc.) in the mains account by type.

Pipe Assets in Mains Account by Vintage

| Year | Quantity | Cost |
|------|------------|-----------------|
| 1901 | 665.00 | \$ 954.27 |
| 1905 | 3,579.00 | \$ 6,005.65 |
| 1906 | 683.00 | \$ 889.96 |
| 1908 | 4.00 | \$ 4.90 |
| 1913 | 1,762.00 | \$ 2,691.06 |
| 1914 | 4.00 | \$ 7.88 |
| 1915 | 20,108.00 | \$ 7,548.10 |
| 1916 | - | \$ - |
| 1918 | 489.00 | \$ 126.91 |
| 1920 | 457.00 | \$ 1,975.29 |
| 1921 | 260.00 | \$ 127.05 |
| 1922 | 244.00 | \$ 107.84 |
| 1923 | 269.00 | \$ 1,136.48 |
| 1924 | 1,552.00 | \$ 782.53 |
| 1925 | 12,783.00 | \$ 7,203.38 |
| 1926 | 19,977.00 | \$ 11,768.64 |
| 1927 | 15,494.00 | \$ 9,662.91 |
| 1928 | 108,122.00 | \$ 197,708.22 |
| 1929 | 90,763.00 | \$ 72,119.39 |
| 1930 | 17,336.00 | \$ 10,678.83 |
| 1931 | 16,749.00 | \$ 11,516.46 |
| 1932 | 12,717.00 | \$ 8,823.76 |
| 1933 | 146,452.00 | \$ 426,309.18 |
| 1934 | 3,623.00 | \$ 2,027.87 |
| 1935 | 31,916.00 | \$ 29,653.36 |
| 1936 | 15,835.00 | \$ 9,857.32 |
| 1937 | 36,298.00 | \$ 31,347.41 |
| 1938 | 18,797.00 | \$ 12,983.00 |
| 1939 | 31,423.00 | \$ 21,279.59 |
| 1940 | 272,547.00 | \$ 184,651.86 |
| 1941 | 79,157.00 | \$ 55,912.18 |
| 1942 | 14,892.00 | \$ 10,113.81 |
| 1943 | 2,976.00 | \$ 4,460.83 |
| 1944 | 3,073.00 | \$ 2,846.73 |
| 1945 | 9,900.00 | \$ 15,159.65 |
| 1946 | 44,247.00 | \$ 32,465.97 |
| 1947 | 36,915.00 | \$ 33,386.64 |
| 1948 | 62,194.00 | \$ 73,417.83 |
| 1949 | 86,115.00 | \$ 97,172.48 |
| 1950 | 166,206.00 | \$ 264,650.40 |
| 1951 | 130,995.00 | \$ 377,702.21 |
| 1952 | 79,065.00 | \$ 159,726.11 |
| 1953 | 165,171.00 | \$ 437,221.08 |
| 1954 | 147,494.00 | \$ 379,334.51 |
| 1955 | 187,741.00 | \$ 461,787.55 |
| 1956 | 234,487.00 | \$ 662,590.04 |
| 1957 | 270,464.00 | \$ 1,175,130.46 |
| 1958 | 272,133.00 | \$ 1,085,173.79 |
| 1959 | 272,129.00 | \$ 855,835.37 |
| 1960 | 218,167.00 | \$ 812,534.21 |
| 1961 | 260,215.00 | \$ 814,259.21 |
| 1962 | 188,831.00 | \$ 684,324.07 |

| | | | |
|--------------------|----------------------|-----------|-----------------------|
| 1963 | 225,812.00 | \$ | 856,301.81 |
| 1964 | 325,294.00 | \$ | 998,738.89 |
| 1965 | 318,995.00 | \$ | 900,367.45 |
| 1966 | 416,349.00 | \$ | 1,350,927.20 |
| 1967 | 240,519.00 | \$ | 645,432.25 |
| 1968 | 299,119.00 | \$ | 1,037,742.74 |
| 1969 | 535,837.00 | \$ | 1,603,536.64 |
| 1970 | 234,033.00 | \$ | 956,500.18 |
| 1971 | 309,256.00 | \$ | 1,246,935.08 |
| 1972 | 238,254.00 | \$ | 1,334,791.86 |
| 1973 | 76,453.00 | \$ | 596,864.49 |
| 1974 | 42,977.00 | \$ | 458,572.83 |
| 1975 | 21,210.00 | \$ | 294,409.62 |
| 1976 | 39,183.00 | \$ | 498,530.66 |
| 1977 | 41,352.00 | \$ | 566,866.35 |
| 1978 | 61,951.00 | \$ | 1,052,499.48 |
| 1979 | 118,200.00 | \$ | 1,405,719.18 |
| 1980 | 132,715.00 | \$ | 1,673,596.03 |
| 1981 | 162,225.00 | \$ | 2,378,807.37 |
| 1982 | 108,793.00 | \$ | 1,946,293.64 |
| 1983 | 99,799.00 | \$ | 1,497,637.69 |
| 1984 | 195,715.00 | \$ | 2,853,796.88 |
| 1985 | 162,608.00 | \$ | 1,878,438.52 |
| 1986 | 226,895.00 | \$ | 2,874,747.01 |
| 1987 | 526,466.00 | \$ | 9,231,109.78 |
| 1988 | 307,957.00 | \$ | 3,291,919.93 |
| 1989 | 225,124.00 | \$ | 2,595,128.98 |
| 1990 | 241,321.00 | \$ | 2,611,569.28 |
| 1991 | 135,867.00 | \$ | 1,738,994.63 |
| 1992 | 194,602.00 | \$ | 2,440,481.68 |
| 1993 | 258,782.00 | \$ | 2,638,513.96 |
| 1994 | 281,775.00 | \$ | 3,430,032.59 |
| 1995 | 247,494.00 | \$ | 2,760,009.58 |
| 1996 | 256,563.00 | \$ | 2,934,946.10 |
| 1997 | 355,724.00 | \$ | 3,859,454.94 |
| 1998 | 284,118.00 | \$ | 3,642,407.46 |
| 1999 | 306,129.00 | \$ | 5,743,429.12 |
| 2000 | 233,585.00 | \$ | 3,258,341.30 |
| 2001 | 159,407.00 | \$ | 2,653,269.98 |
| 2002 | 189,480.00 | \$ | 4,938,505.01 |
| 2003 | 131,415.00 | \$ | 1,885,658.86 |
| 2004 | 132,554.00 | \$ | 1,786,327.33 |
| 2005 | 102,799.04 | \$ | 1,992,990.70 |
| 2006 | 142,565.00 | \$ | 6,179,319.36 |
| 2007 | 168,754.00 | \$ | 4,090,143.31 |
| 2008 | 169,529.00 | \$ | 6,371,719.81 |
| 2009 | 140,874.00 | \$ | 5,538,876.07 |
| 2010 | 45,060.00 | \$ | 3,613,110.12 |
| 2011 | 116,229.00 | \$ | 5,401,520.44 |
| 2012 | 54,582.00 | \$ | 3,087,032.03 |
| Grand Total | 13,855,774.04 | \$ | 138,188,020.43 |

Pipe Assets in Mains Account by Size

| Size | Quantity | Cost |
|--------------------|----------------------|--------------------------|
| 3/4" | 869.00 | \$ 299.65 |
| 1" | 4,655.00 | \$ 19,045.72 |
| 1-1/2" | 5,006.00 | \$ 4,808.58 |
| 1-1/4" | 8,867.00 | \$ 19,550.02 |
| 2" | 4,721,911.12 | \$ 28,938,579.80 |
| 2-1/2" | 14,941.00 | \$ 23,093.30 |
| 2-5/8" | 180.00 | \$ 872.76 |
| 3" | 1,858,835.92 | \$ 10,793,354.12 |
| 3-1/2" | 241.00 | \$ 7,075.77 |
| 4" | 3,861,007.00 | \$ 33,839,387.03 |
| 4-1/2" | 1,394.00 | \$ 23,846.53 |
| 5" | 64.00 | \$ 190.56 |
| 5-3/16" | 1,624.00 | \$ 3,457.32 |
| 6" | 1,549,994.00 | \$ 16,481,172.88 |
| 6-1/4" | 11,880.00 | \$ 6,172.36 |
| 6-5/8" | 35,295.00 | \$ 85,280.50 |
| 8" | 736,933.00 | \$ 16,724,646.56 |
| 8-1/4" | 4,131.00 | \$ 3,491.74 |
| 8-5/8" | 143.00 | \$ 902.25 |
| 10" | 161,875.00 | \$ 2,770,828.89 |
| 12" | 772,006.00 | \$ 25,677,291.06 |
| 14" | 11,533.00 | \$ 106,321.35 |
| 16" | 88,432.00 | \$ 2,134,069.95 |
| 18" | 464.00 | \$ 94,896.06 |
| 20" | 44.00 | \$ 883.43 |
| 24" | 3,113.00 | \$ 393,953.81 |
| 30" | 336.00 | \$ 34,548.43 |
| Grand Total | 13,855,774.04 | \$ 138,188,020.43 |

Pipe Assets in Mains Account by Type

| Pipe Type | Quantity | Cost |
|--------------------|----------------------|--------------------------|
| Csg Hy/Rxing | 66,992.92 | \$ 1,914,645.10 |
| Pipe, Ci | 120,983.00 | \$ 273,248.40 |
| Pipe, Galv Pe | 8,005.00 | \$ 12,155.80 |
| Pipe, Pl | 6,631,674.10 | \$ 79,458,098.31 |
| Pipe, S Pi | 516.00 | \$ 2,386.45 |
| Pipe, St Pe | 206,234.00 | \$ 649,340.88 |
| Pipe, St Sc | 1,255,449.00 | \$ 1,366,899.11 |
| Pipe, St Tr Pe | 18,101.00 | \$ 1,342,421.20 |
| Pipe, St Tr Sc | 2,819.00 | \$ 5,189.18 |
| Pipe, St Tr WI | 1,068,563.02 | \$ 37,317,147.51 |
| Pipe, St Wld | 4,476,437.00 | \$ 15,846,488.49 |
| Grand Total | 13,855,774.04 | \$ 138,188,020.43 |

Non-Pipe Assets in Mains Account by Vintage (example Valves, etc.)

| Year | Quantity | Cost |
|------|----------|----------------|
| 1908 | 2.00 | \$ 73.23 |
| 1910 | 1.00 | \$ 22.93 |
| 1913 | 3.00 | \$ 53.65 |
| 1914 | 5.00 | \$ 198.58 |
| 1915 | 2.00 | \$ 206.84 |
| 1921 | 1.00 | \$ 5.79 |
| 1923 | 1.00 | \$ 31.62 |
| 1925 | - | \$ 45.87 |
| 1926 | 1.00 | \$ 19.61 |
| 1928 | 25.00 | \$ 4,730.23 |
| 1929 | 8.00 | \$ 250.60 |
| 1930 | 7.00 | \$ 112.11 |
| 1931 | 1.00 | \$ 20.66 |
| 1933 | 4.00 | \$ 514.72 |
| 1934 | 1.00 | \$ 12.10 |
| 1935 | 41.00 | \$ 463.10 |
| 1936 | 4.00 | \$ 205.76 |
| 1938 | 8.00 | \$ 239.04 |
| 1941 | 15.00 | \$ 260.36 |
| 1942 | 2.00 | \$ 63.29 |
| 1943 | 1.00 | \$ 18.33 |
| 1944 | 2.00 | \$ 39.89 |
| 1945 | 4.00 | \$ 146.10 |
| 1946 | 12.00 | \$ 958.42 |
| 1947 | 16.00 | \$ 1,634.58 |
| 1948 | 9.00 | \$ 413.44 |
| 1949 | 16.00 | \$ 1,537.38 |
| 1950 | 28.00 | \$ 5,155.11 |
| 1951 | 41.00 | \$ 12,340.30 |
| 1952 | 32.00 | \$ 8,349.20 |
| 1953 | 44.00 | \$ (70,163.25) |
| 1954 | 21.00 | \$ (1,645.67) |
| 1955 | 31.00 | \$ (23,575.83) |
| 1956 | 49.00 | \$ (10,951.09) |
| 1957 | 43.00 | \$ (7,316.69) |
| 1958 | 59.00 | \$ (6,733.83) |
| 1959 | 483.00 | \$ (556.53) |
| 1960 | 59.00 | \$ 6,985.26 |
| 1961 | 78.00 | \$ 12,545.50 |
| 1962 | 50.00 | \$ 6,958.73 |
| 1963 | 80.00 | \$ 11,483.76 |
| 1964 | 65.00 | \$ 13,810.31 |
| 1965 | 43.00 | \$ 9,427.27 |
| 1966 | 62.00 | \$ 20,012.41 |
| 1967 | 22.00 | \$ (2,918.55) |
| 1968 | 49.00 | \$ 3,476.47 |
| 1969 | 103.00 | \$ 14,774.92 |
| 1970 | 64.00 | \$ 10,750.82 |
| 1971 | 124.00 | \$ 48,534.20 |
| 1972 | 118.00 | \$ 121,554.83 |
| 1973 | 378.00 | \$ 63,050.37 |
| 1974 | 625.00 | \$ 163,101.62 |

| | | | |
|--------------------|-------------------|-----------|----------------------|
| 1975 | 591.00 | \$ | 156,200.96 |
| 1976 | 1,006.00 | \$ | 242,515.59 |
| 1977 | 832.00 | \$ | 195,025.42 |
| 1978 | 1,579.00 | \$ | 283,388.48 |
| 1979 | 1,351.00 | \$ | 309,185.46 |
| 1980 | 1,507.00 | \$ | 305,846.04 |
| 1981 | 1,182.00 | \$ | (72,374.34) |
| 1982 | 1,437.00 | \$ | 514,047.80 |
| 1983 | 1,480.00 | \$ | 282,996.72 |
| 1984 | 1,823.00 | \$ | 164,024.50 |
| 1985 | 1,607.00 | \$ | (207,890.97) |
| 1986 | 1,865.00 | \$ | 641,852.77 |
| 1987 | 2,141.00 | \$ | 1,593,611.80 |
| 1988 | 1,405.00 | \$ | 869,182.80 |
| 1989 | 1,581.00 | \$ | 757,298.09 |
| 1990 | 491.00 | \$ | 518,907.80 |
| 1991 | 1,175.00 | \$ | 567,647.81 |
| 1992 | 1,066.00 | \$ | 399,726.43 |
| 1993 | 1,359.00 | \$ | 869,470.56 |
| 1994 | 720.00 | \$ | 844,618.51 |
| 1995 | 917.00 | \$ | 851,358.74 |
| 1996 | 804.00 | \$ | 657,338.63 |
| 1997 | 696.00 | \$ | (3,585,054.70) |
| 1998 | 348.00 | \$ | 523,096.49 |
| 1999 | 60,284.00 | \$ | 523,980.96 |
| 2000 | 30,283.00 | \$ | 771,716.43 |
| 2001 | 50,288.00 | \$ | 690,638.33 |
| 2002 | 254.00 | \$ | 636,814.08 |
| 2003 | 354.00 | \$ | 438,666.98 |
| 2004 | 97.00 | \$ | 255,008.21 |
| 2005 | 89.96 | \$ | 52,671.67 |
| 2006 | 118.00 | \$ | 944,788.43 |
| 2007 | 117.00 | \$ | 326,859.68 |
| 2008 | 165.00 | \$ | 926,009.93 |
| 2009 | 111.00 | \$ | 684,491.58 |
| 2010 | 119.00 | \$ | 843,306.69 |
| 2011 | 146.00 | \$ | 1,125,411.39 |
| 2012 | 53.00 | \$ | 570,540.01 |
| Grand Total | 174,384.96 | \$ | 16,893,653.63 |

Non-Pipe Assets in Mains Account by Size (example Valves, etc.)

| Size | Quantity | Cost |
|--------------------|-------------------|-------------------------|
| 3/4" | 2.00 | \$ 98.40 |
| 1" | 144.00 | \$ 117,902.42 |
| 1-1/4" | 2.00 | \$ 365.32 |
| 2" | 3,631.00 | \$ 3,757,837.74 |
| 2-1/2" | 20.00 | \$ 210.38 |
| 3" | 1,258.00 | \$ 1,745,987.14 |
| 4" | 2,159.96 | \$ 4,597,947.56 |
| 6" | 1,655.00 | \$ 4,104,277.17 |
| 8" | 584.00 | \$ 2,956,277.02 |
| 10" | 156.00 | \$ 1,212,552.59 |
| 12" | 275.00 | \$ 3,801,387.40 |
| 14" | 1.00 | \$ 99.28 |
| 16" | 11.00 | \$ 51,464.09 |
| 20" | 1.00 | \$ 145.60 |
| 24" | 1.00 | \$ 1,984.68 |
| 36" | 1.00 | \$ 11,111.81 |
| No Size | 164,483.00 | \$ (5,465,994.97) |
| Grand Total | 174,384.96 | \$ 16,893,653.63 |

Non-Pipe Assets in Mains Account by Type (example Valves, etc.)

| Type | Quantity | Cost |
|-------------------------|-------------------|-------------------------|
| Cleaner-Filter Fuel Gas | 1.00 | \$ 325.78 |
| Contr In Aid Const | 33.00 | \$ (11,574,699.18) |
| Corr Sys I/C Grd Bed | 35.00 | \$ 111,399.96 |
| Corr Sys Rectifier | 41.00 | \$ 151,202.59 |
| Corr Sys Sac Anode | 24,326.00 | \$ 5,653,715.22 |
| Data Set - Comm | 3.00 | \$ 12,269.38 |
| Drip | 19.00 | \$ 18,310.00 |
| Fence | 1.00 | \$ 53.09 |
| Gas Cleaner Hor | 1.00 | \$ 1,794.89 |
| Gas Cleaner Ver | 2.00 | \$ 13,096.49 |
| Gauges, Recording | 17.00 | \$ 5,343.01 |
| Header | 1.00 | \$ 145.60 |
| Insg Slv-Lvl | 3.00 | \$ 7,141.85 |
| Insltng Cpln | 55.00 | \$ 65,855.17 |
| Insltng Flng | 83.00 | \$ 274,304.43 |
| Insr-Wld End | 333.00 | \$ 1,072,223.48 |
| Land Rights | 140,001.00 | \$ 145,888.31 |
| Landscaping | 1.00 | \$ 8,187.29 |
| Meter Inst Over 2 In | 5.00 | \$ 3,376.85 |
| Mulr Ftg St | 31.00 | \$ 73,456.78 |
| Plstc In Ftn | 249.00 | \$ 271,729.76 |
| Plt Pipe St | 63.00 | \$ 246.49 |
| Pole | 14.00 | \$ 5,383.23 |
| Regulator | 2.00 | \$ 422.75 |
| Rights-Of-Way | 3.00 | \$ 30.09 |
| Rvrxing Sub 1 | 418.00 | \$ 9,655.36 |
| Serv M/C - PI | 1.00 | \$ 1,256.07 |
| Ss Fitting PI | 1.00 | \$ 177.78 |
| Ss Fitting St | 1,249.00 | \$ 1,366,614.07 |
| Ss Sph Tee St | 580.00 | \$ 4,442,267.62 |
| Ss Tee 3w PI | 1.00 | \$ 195.21 |
| Ss Tee 3w St | 2,710.96 | \$ 5,644,922.54 |
| Stoppl Ftg St | 3.00 | \$ 5,816.23 |
| Tap/Lat Conn | 21.00 | \$ 3,613.79 |
| Trestle | 2.00 | \$ 11,529.41 |
| Valv P Ball | 1,750.00 | \$ 4,423,777.80 |
| Valv P Plug | 71.00 | \$ 158,372.61 |
| Valve Ball | 90.00 | \$ 813,114.39 |
| Valve Butrfly | 12.00 | \$ 20,898.33 |
| Valve Check | 20.00 | \$ 11,163.38 |
| Valve Curb | 121.00 | \$ 5,690.01 |
| Valve Gate | 1,608.00 | \$ 3,430,759.10 |
| Valve Globe | 3.00 | \$ 25.70 |
| Valve Other | 46.00 | \$ 28,405.08 |
| Valve Plug | 346.00 | \$ 182,087.99 |
| Valve Relief | 4.00 | \$ 3,817.51 |
| Valve Setting | 4.00 | \$ 8,290.34 |
| Grand Total | 174,384.96 | \$ 16,893,653.63 |

KY PSC Case No. 2013-00167
Response to AG's Data Request Set One No. 278
Respondent: Russell A. Feingold

**COLUMBIA GAS OF KENTUCKY, INC.
RESPONSE TO ATTORNEY GENERAL'S FIRST
REQUEST FOR INFORMATION
DATED JULY 19, 2013**

278. Please provide all inflation/cost trending factors used to trend historical vintage year Mains costs to constant dollar amounts. Please provide in executable electronic format as well as hardcopy.

Response:

Please refer to Columbia's response to AG data request number 1-266 which provides the file entitled, "COLUMBIA Account 376 Mains - Zero Intercept.xlsx." The current actual costs on Mains are shown on worksheet "M."

**COLUMBIA GAS OF KENTUCKY, INC.
RESPONSE TO ATTORNEY GENERAL'S FIRST
REQUEST FOR INFORMATION
DATED JULY 19, 2013**

279. Please provide an estimate of the current average cost of Mains (materials plus capitalized labor) for the following sizes and types of pipe:

- a. Plastic, 2-inch;
- b. Plastic, 4-inch;
- c. Plastic, 6-inch;
- d. Plastic, 8-inch;
- e. Steel, 2-inch;
- f. Steel, 4-inch;
- g. Steel, 6-inch;
- h. Steel, 8-inch;
- i. Steel, 10-inch; and,
- j. Steel, 12-inch.

Response:

Please see below for estimates of average costs per Mains pipe classes including capitalized labor and all overheads. The average costs were calculated based on 2012 amounts

| Steel Mains Size | Cost | Average Cost/Foot |
|--------------------|--------------|-------------------|
| 2" | \$ 41,996 | \$ 299.97 |
| 4" | \$ 171,099 | \$ 85.46 |
| 6" | \$ 6,488 | \$ 432.56 |
| 8" | \$ 520,915 | \$ 133.47 |
| 10" | \$ 274 | \$ 137.17 |
| 12" | \$ 479,760 | \$ 325.48 |
| Grand Total | \$ 1,220,532 | |
| | | |
| | | |
| Plastic Mains Size | Cost | Average Cost/Foot |
| 2" | \$ 2,987,761 | \$ 52.41 |
| 4" | \$ 1,052,137 | \$ 60.72 |
| 6" | \$ 2,547,252 | \$ 56.08 |
| 8" | \$ 423,088 | \$ 144.60 |
| Grand Total | \$ 7,010,238 | |

**COLUMBIA GAS OF KENTUCKY, INC.
RESPONSE TO ATTORNEY GENERAL'S FIRST
REQUEST FOR INFORMATION
DATED JULY 19, 2013**

280. With regard to Contributions in Aid of Construction ("CIAC") and Customer Advances:

- a. Please explain where these rate base deductions are reflected in the Company's Application as well as in Mr. Feingold's class cost of service study;
- b. Please quantify the amount of CIAC and Customer Advances reflected in the Company's Application;
- c. Please provide CIAC and Customer Advances (separately) for each of the last five years; and,
- d. Please provide CIAC and Customer Advances as of December 31, 2012 by rate schedule or customer class.

Response:

- a. Columbia built its forecasted plant in service from per books property, plant and equipment as of February 28, 2013 as shown in workpaper WPB-2.2, Sheet 1, Line 1, Column 4. Columbia's per book plant

investments already include reductions related to Customer Advances for Construction and CIAC. Starting in January 2000, Columbia revised its accounting method and began applying a credit to plant in service in recognition of Customer Advances. Prior to January 2000, liabilities for Customer Advances were recognized in Account 252-15560 with no offset recorded to plant in service. Since the balance in Account 252-15560 is zero, there is no additional reduction to plant in service required for Customer Advances to the historical plant balances as of February 28, 2013. Therefore, the required rate base reductions for Customer Advances and CIAC have been included by using Columbia's per book net plant in service. Additionally, for every month of the forecast, Columbia's projected capital expenditures are net of Customer Advances and Relocation Reimbursements. Please see the attachment to part b of this response for the amounts reflected in Columbia's Application.

- b. Please see below for the per book amounts related to Customer Advances and CIAC as of February 28, 2013. Please refer to Attachment A for the amounts included in the Application attributable to the forecasted months beyond February 28, 2013.

| | Contribution in aid of Construction Account | Relocation Reimbursements Account | Customer Advances Pre 12/31/99 Account | Customer Advances Post 12/31/99 Account | Customer Advances Post 12/31/99 Account |
|--------|--|---|---|--|--|
| | <u>101-10020</u> | <u>101-10041</u> | <u>252-15560</u> | <u>252-15561</u> | <u>186-15561</u> |
| Feb-13 | (9,878,013) | (1,449,153) | - | (3,189,807) | 3,193,713 |

c. Please see below.

| | <u>2008</u> (\$000) | <u>2009</u> (\$000) | <u>2010</u> (\$000) | <u>2011</u> (\$000) | <u>2012</u> (\$000) |
|-------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| Customer Advances | (229) | (74) | (61) | (160) | (1,214) |
| CIAC | <u>(86)</u> | <u>(56)</u> | <u>(128)</u> | <u>(74)</u> | <u>(37)</u> |
| Total | (315) | (130) | (190) | (235) | (1,250) |

d. Columbia does not record on its books CIAC and Customer Advances by rate schedule.

**Monthly Forecast of Customer Advances and Reimbursements
For the Forecasted Periods of 2013 and 2014**

| | <u>Actual</u> <u>Jan-13</u> (\$000) | <u>Actual</u> <u>Feb-13</u> (\$000) | <u>Est</u> <u>Mar-13</u> (\$000) | <u>Est</u> <u>Apr-13</u> (\$000) | <u>Est</u> <u>May-13</u> (\$000) | <u>Est</u> <u>Jun-13</u> (\$000) | <u>Est</u> <u>Jul-13</u> (\$000) | <u>Est</u> <u>Aug-13</u> (\$000) | <u>Est</u> <u>Sep-13</u> (\$000) | <u>Est</u> <u>Oct-13</u> (\$000) | <u>Est</u> <u>Nov-13</u> (\$000) | <u>Est</u> <u>Dec-13</u> (\$000) | <u>Total 2013</u> (\$000) |
|------------------|---|---|--|--|--|--|--|--|--|--|--|--|------------------------------|
| Contributions | (687) | 1 | (49) | (44) | 185 | 158 | 167 | 167 | (49) | (3) | (12) | (35) | (200) |
| Reimbursements | <u>42</u> | <u>14</u> | <u>(98)</u> | <u>(89)</u> | <u>17</u> | <u>(37)</u> | <u>(21)</u> | <u>(19)</u> | <u>(99)</u> | <u>(5)</u> | <u>(24)</u> | <u>(81)</u> | <u>(400)</u> |
| Total Cont/Reimb | (645) | 15 | (146) | (133) | 202 | 121 | 145 | 148 | (148) | (8) | (36) | (115) | (600) |
| | <u>Est</u> <u>Jan-14</u> | <u>Est</u> <u>Feb-14</u> | <u>Est</u> <u>Mar-14</u> | <u>Est</u> <u>Apr-14</u> | <u>Est</u> <u>May-14</u> | <u>Est</u> <u>Jun-14</u> | <u>Est</u> <u>Jul-14</u> | <u>Est</u> <u>Aug-14</u> | <u>Est</u> <u>Sep-14</u> | <u>Est</u> <u>Oct-14</u> | <u>Est</u> <u>Nov-14</u> | <u>Est</u> <u>Dec-14</u> | <u>Total 2014</u> |
| Contributions | (6) | (20) | (49) | (44) | 15 | (12) | (4) | (3) | (49) | (3) | (12) | (13) | (200) |
| Reimbursements | <u>(13)</u> | <u>(40)</u> | <u>(98)</u> | <u>(89)</u> | <u>31</u> | <u>(23)</u> | <u>(7)</u> | <u>(6)</u> | <u>(99)</u> | <u>(5)</u> | <u>(24)</u> | <u>(27)</u> | <u>(400)</u> |
| Total Cont/Reimb | (19) | (60) | (146) | (133) | 46 | (35) | (11) | (8) | (148) | (8) | (36) | (40) | (600) |

KY PSC Case No. 2013-00167
Response to AG's Data Request Set One No. 281
Respondent: Russell A. Feingold

**COLUMBIA GAS OF KENTUCKY, INC.
RESPONSE TO ATTORNEY GENERAL'S FIRST
REQUEST FOR INFORMATION
DATED JULY 19, 2013**

281. Please provide the model inputs, statistical outputs, models, and all diagnostic statistics for each of the regression formulations used by Mr. Feingold in conducting his zero intercept studies. Please provide the responses in executable electronic format as well as in hard copy.

Response:

Please refer to Columbia's response to AG data request number 1-266 which provides the file entitled, "COLUMBIA Account 376 Mains - Zero Intercept.xlsx" in the worksheets under the Tabs "Steel" and "Plastic." Mr. Feingold's workpapers have been provided in hardcopy under Tab 59 of Columbia's application.

**COLUMBIA GAS OF KENTUCKY, INC.
RESPONSE TO ATTORNEY GENERAL'S FIRST
REQUEST FOR INFORMATION
DATED JULY 19, 2013**

282. With regard to flex and/or negotiated rate customers, please provide the following for each customer (customers do not need to be identified by name), by rate schedule:
- a. the actual rate(s) currently being charged and the rate schedule(s) from which service is taken;
 - b. a copy of any service agreement (contract) and/or other documentation currently in effect establishing the rate(s) under which service is taken;
 - c. all records, documents, evaluations and analyses undertaken by or for the Company and/or undertaken by the customer that ". . . demonstrate to Company that a lower rate is necessary. . ." associated with each customer such that a flex rate is appropriate since the ". . . only alternative would be to shut down or relocation of facilities, or that the lower rate is necessary to expand facilities." (quotations from Flex Provision of tariff);

- d. all records, documents, analyses, correspondence, studies, etc. that show that the Company has sought to maximize the flex rate associated with each customer;
- e. the timeframe and extent of the procedures used by the Company to monitor and evaluate whether a customer should continue as a flex rate customer and/or that revisions to the flex rate level(s) are appropriate;
- f. annual throughput for each of the last five years;
- g. maximum contract demand; and,
- h. list of any other rate schedules in which delivery service is provided.

Response:

a). Customer A: \$0.29/Mcf for the first 150,000 Mcf/Mo., above 150,000 Mcf/Mo. at \$0.16/Mcf; \$0.00/Mcf bank & balancing charge; \$583.39 monthly customer charge, \$55.90 monthly administration charge. DS Transportation Service
Customer B: \$0.0858/Mcf; \$0.00/Mcf bank & balancing charge; \$200 monthly customer charge, \$55.90 monthly administrative charge. MLDS
Customer C: \$0.49/Mcf for the first 25,000 Mcf/Mo., above 25,000 Mcf/Mo. at \$0.27/Mcf; \$0.00/Mcf bank and balancing charge; \$583.39 monthly customer charge, \$55.90 monthly administration charge. DS Transportation Service

Customer D: \$0.0858/Mcf; \$0.00/Mcf bank & balancing charge; \$200 monthly customer charge, \$55.90 monthly administrative charge. MLDS

Customer E: \$0.33/Mcf for all Mcf/Mo; \$0.00/Mcf Bank and balancing charge; \$0.00 monthly customer charge; \$55.90 monthly administrative charge. DS Transportation Service.

b). The contracts specifying flex arrangements are attached. These agreements are CONFIDENTIAL.

c). By-pass cost estimation studies for each respective flex rate arrangement and associated customer are attached. These studies are CONFIDENTIAL. Please note that all flex arrangements are "to meet competition from that Customer's alternative energy supplier".

d). Please see (c) above for by-pass cost estimation studies.

e). Columbia strives to minimize flex rate arrangements to the extent possible. We attempt to keep the time length of the respective flex rate agreement shorter in duration (a year to a few years) in recognition that competitive and related business conditions are dynamic. This allows for ongoing situational reviews and

evaluations of each respective flex rate arrangement. In fact, Columbia has concluded two flex rate arrangements with two industrial customers over the last couple of years when the opportunity arose to do such. Additionally, one existing flex rate arrangement will be concluded in 2017 in recognition of the underlying business parameters.

f). Customer A: 2012 5,037,809 Mcf; 2011 5,752,399 Mcf; 2010 5,577,443 Mcf; 2009 4,294,722 Mcf; and 2008 4,817,234 Mcf

Customer B: 2012 735,962 Mcf; 2011 614,759 Mcf; 2010 660,562 Mcf; 2009 527,586 Mcf; and 2008 347,329 Mcf

Customer C: 2012 438,443 Mcf; 2011 471,130 Mcf; 2010 414,763 Mcf; 2009 389,231 Mcf; and 2008 519,685 Mcf

Customer D: 2012 3,264,967 Mcf; 2011 3,213,442 Mcf; 2010 3,645,402 Mcf; 2009 3,593,734 Mcf; and 2008 5,285,943 Mcf

Customer E: 2012 897,593 Mcf; 2011 526,291 Mcf; 2010 590,196 Mcf; 2009 489,220 Mcf; and 2008 361,468 Mcf

g). Columbia is not sure exactly what is meant by "maximum contract demand".

If the term can be defined Columbia will respond.

h). There are no other rate schedules (other than DS Transportation Service and the MLDS) in which service is provided that is flexed.

CUSTOMER A

Flex Rate Agreement

This Flex Rate Agreement ("Agreement"), effective August 1, 2012, is made and entered into by and between Columbia Gas of Kentucky, Inc. ("Columbia"), with offices located at 2001 Mercer Road, Lexington, Kentucky, and [REDACTED]

[REDACTED] This Agreement shall supersede and cancel all previous transportation and flex rate agreement(s) between Columbia and Customer for the specific facility location covered by this Agreement. This Agreement is being entered into as a result of alternatives available to the Customer and is applicable only to the Customer facility location with the associated PSID number listed below:

Customer Facility Location

PSID Number

[REDACTED] [REDACTED]

1. Customer agrees to pay a Delivery Charge of \$0.29 per Mcf for all deliveries up to 150,000 Mcf per month and \$0.16 per Mcf for all deliveries over 150,000 Mcf per month up to the point where Customer's deliveries reach 5,500,000 Mcf per contract year (contract year is defined as the twelve consecutive month period of August 1st through and including July 31st). Customer agrees to pay \$0.13 per Mcf for all deliveries in excess of 5,500,000 Mcf per contract year.

2. Beginning August 1, 2012 and continuing each contract year, Columbia shall determine the Customer's total deliveries. If Customer's total deliveries are less than 2,700,000 Mcf for any contract year, Customer agrees to pay a contract year deficiency amount of \$666,000, less \$0.29 for each Mcf of gas delivered up to 1,800,000 Mcf and less \$0.16 for each Mcf of gas delivered between 1,800,000 Mcf and 2,700,000 Mcf. Any contract year deficiency amount will be billed to Customer by Columbia in the September billing cycle immediately following the completion of the respective contract year, or as soon thereafter as practical.

3. Columbia agrees to flex the Banking and Balancing Service Charge, the Rider for Natural Gas Research and Development, and the Accelerated Main Replacement Program Rider to \$0.00 of Columbia's Delivery Service ("DS") Transportation Service Rate Schedule. Customer agrees to pay any and all charges or additional costs related to operational orders of any type and all other applicable rates (including Customer Charges), fees, riders, charges, and applicable taxes associated with Columbia's gas transportation tariff on file with and approved by the Public Service Commission of Kentucky.

4. In consideration of the discounted rate terms established herein, the Customer agrees to purchase from and or transport through Columbia's system 100% of the natural gas requirements that are delivered to the facility location set out above during the term of this Agreement.

5. The term of this Agreement shall be from the Effective Date of August 1, 2012 to July 31, 2017. This Agreement shall automatically renew in one-year increments after the expiration of the initial 5 year term unless either party elects to terminate the Agreement by providing the other non-terminating party with written Notice of Intent to Terminate. The Notice of Intent to Terminate shall be provided by the terminating party not less than thirty (30) days before the

CUSTOMER A

expiration of the Initial 5 year term or thirty (30) days before the expiration of any subsequent renewal period. There is no right to terminate this Agreement by either party prior to the expiration of the Initial 5 year term, except as otherwise provided for herein. If either party breaches any term of this Agreement, makes a general assignment for the benefit of creditors, or a receiver is appointed for a party, that party shall be in default of this Agreement and the other party may terminate this Agreement. Billing pursuant to this Agreement will begin with the Customer's August 2012 billing cycle and end with the Customer's July 2017 billing cycle.

6. Columbia will provide the Customer a Bank Tolerance of 5% pursuant to its tariff Banking and Balancing Service.

7. Columbia reserves the right to reopen this Agreement for renegotiation of its terms and conditions in order to accommodate any changes in applicable laws, rules, regulations or orders issued by the Public Service Commission of Kentucky or the Commonwealth of Kentucky to which Columbia is subject to during the term of this Agreement. If the parties can not agree on renegotiated terms and conditions, either party may terminate the Agreement by providing 30 days prior written notice to the non-terminating party.

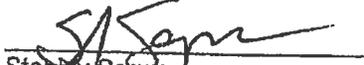
8. The parties agree that this flex rate is only applicable to the gas delivered to the initial natural gas facilities that are to be installed at the above facility locations described in this Agreement or that are existing at the time this Agreement is executed. If the Customer adds additional facilities and/or creates processes that require installation of additional Columbia facilities, or additional investment or expenditure by Columbia in order to serve said Customer facilities, then the parties shall negotiate a separate agreement for such service to the additional facilities or newly created processes.

9. The parties further agree that the terms and conditions of this Agreement are competitively sensitive, proprietary in nature and confidential. As such the parties agree to keep confidential and not to disseminate generally or specifically to anyone in any manner whatsoever the terms and conditions of this Agreement, except when the information is made publicly available as a result of filings with governmental agencies, or where law otherwise requires disclosure.

All terms and conditions of Columbia's gas transportation tariff, on file with and approved by the Public Service Commission of Kentucky, not inconsistent with the above referenced points of agreement shall remain in full force and effect.

Accepted and Agreed:

Columbia Gas of Kentucky, Inc.


Stanley Sagan
SVP, CCO/CFO

Date: 7/30/12

BEL

Accepted and Agreed:



Date: 7/30/2012

CUSTOMER B



Flex Rate Agreement

200 Civic Center Drive
Columbus, OH 43215

Mailing:
P.O. Box 117
Columbus, OH 43216-0117

614-460-6000

December 1, 2006

[REDACTED]

This Flex Rate Agreement ("Agreement"), effective December 1, 2006 is made and entered into by and between Columbia Gas of Kentucky, Inc. ("Columbia"), with offices located at 2001 Mercer Road, Lexington, Kentucky, 40512 and [REDACTED]

[REDACTED] This Agreement shall supersede and cancel all previous transportation and flex rate agreement(s) between Columbia and Customer for the specific facility location(s) covered by this Agreement. This Agreement is being entered into as a result of alternatives available to the Customer. This Agreement is for the Customer facility location(s) and PSID number(s) listed below:

Customer Facility Location

PSID Number

[REDACTED]

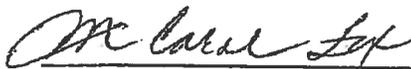
- The Customer agrees to pay the Main Line Delivery Service ("MLDS") rate for all volumes delivered anytime during the term of this Agreement, to the facility location(s) listed above. In addition, Customer agrees to pay any and all charges or additional costs related to operational orders of any type. Columbia agrees to waive the Banking and Balancing Service charges, the Research and Development charge, and other existing additional fees, riders and surcharges associated with Columbia's MLDS rate schedule in accordance with the terms of Columbia's gas transportation tariff on file with and approved by the Public Service Commission of Kentucky.
- In consideration of the discounted rate terms established herein, the Customer agrees to purchase from and/or transport through Columbia's system 100% of the natural gas requirements that are delivered to the facility location(s) set out above during the term of this Agreement.
- The term of this Agreement shall be from the Effective Date of December 1, 2006 to November 30, 2011. This Agreement shall automatically renew in one-year increments after the expiration of the initial 5 year term unless either party elects to terminate the Agreement by providing the other non-terminating party with written Notice of Intent to Terminate. The Notice of Intent to Terminate shall be provided by the terminating party not less than thirty (30) days before the expiration of the initial 5 year term or thirty (30) days before the expiration of any subsequent renewal period. There is no right to terminate this Agreement by either party prior to the expiration of the initial 5 year term, except as otherwise provided for herein. If either party breaches any term of this Agreement, makes a general assignment for the benefit of creditors, or a receiver is appointed for a party, that party shall be in default of this Agreement and the other party may terminate this Agreement. Billing pursuant to this Agreement will begin with the Customer's December 2006 billing cycle and end with the Customer's November 2011 billing cycle.
- Columbia will provide the Customer a 5% monthly banking volume at this facility.

CUSTOMER B

- Columbia reserves the right to reopen this Agreement for renegotiation of its terms and conditions in order to accommodate any changes in applicable laws, rules, regulations or orders issued by the Public Service Commission of Kentucky or the Commonwealth of Kentucky to which Columbia is subject to during the term of this Agreement. If the parties can not agree on renegotiated terms and conditions, either party may terminate the Agreement by providing 30 days prior written notice to the non-terminating party.
- The parties agree that this flex rate is only applicable to the gas delivered to the initial natural gas facilities that are to be installed at the above facility location described in this Agreement or that are existing at the time this Agreement is executed. If the Customer adds additional facilities and/or creates processes that require installation of additional Columbia facilities, or additional investment or expenditure by Columbia in order to serve said Customer facilities, then the parties shall negotiate a separate agreement for such service to the additional facilities or newly created processes.
- Customer agrees to make nominations of gas into Columbia's system that are commensurate with the aggregate of Customer's monthly natural gas consumption and banked volumes on Columbia, as determined by Columbia's monthly meter readings. Notwithstanding anything to the contrary in this Agreement, if Columbia determines that the aggregate of Customer's monthly nominations and then current banked gas volumes with Columbia are less than 80% of any given month's actual usage, then Columbia shall have the absolute right, but not the obligation, to suspend service to the Customer by providing written notice via facsimile of Columbia's intent to suspend service. Customer shall have five days from receipt of the facsimile transmission to cure the shortfall of nominated gas volumes. If Customer has not cured the shortfall of nominated gas volumes to the satisfaction of Columbia within such five-day period, Columbia may suspend service to that facility location.
- The parties further agree that the terms and conditions of this Agreement are competitively sensitive, proprietary in nature and confidential. As such the parties agree to keep confidential and not to disseminate generally or specifically to anyone in any manner whatsoever the terms and conditions of this Agreement, except when the information is made publicly available as a result of filings with governmental agencies, or where law otherwise requires disclosure.

All terms and conditions of Columbia's gas transportation tariff, on file with and approved by the Public Service Commission of Kentucky, not inconsistent with the above referenced points of agreement shall remain in full force and effect.

Sincerely,



M. Carol Fox DWR
Vice President, Large Customer Relations
And Gas Transportation Management

Columbia Gas of Kentucky, Inc.
200 Civic Center Drive
Columbus, Ohio 43215

Accepted and Agreed: 

FEBRUARY 12, 2007
Date:

CUSTOMER C

FIRST AMENDMENT TO
COLUMBIA GAS OF KENTUCKY, INC.
FLEX RATE AGREEMENT

THIS FIRST AMENDMENT ("First Amendment") dated July 1, 2012 to the Flex Rate Agreement ("Agreement") dated July 26, 2005 by and between [REDACTED] ("Customer") and Columbia Gas of Kentucky, Inc. ("Columbia") a Kentucky corporation, hereinafter collectively referred to as the "Parties".

WHEREAS, the Parties have entered into the aforementioned Agreement whereby Columbia agreed to flex its' basic transportation rate in accordance with its' transportation tariff; and

WHEREAS, the Parties mutually desire to modify the Agreement, as specifically set forth herein.

NOW THEREFORE, in consideration of the mutual covenants and obligations set forth in the Agreement and this First Amendment, the Parties covenant and agree to the following changes to the Agreement:

1). Revised rate information specified in first bullet item: Replace "The Customer agrees to pay a rate of \$0.45 per Mcf for the first 25,000 Mcf per month, and \$0.25 per Mcf for all volumes over 25,000 Mcf per month" with "The Customer agrees to pay a rate of \$0.49 per Mcf for the first 25,000 Mcf per month, \$0.27 per Mcf for all volumes over 25,000 Mcf per month, and applicable customer and administrative charges".

2). Updated minimum usage term specified in second bullet item: Replace "Each year for the next 4 years until and including June 30, 2009, Columbia shall determine the total volumes delivered to the facility location listed above" with "Each year for the next 5 years until and including June 30, 2017, Columbia shall determine the total volumes delivered to the facility location listed above".

3). Revised requirement specified in the third bullet item : Replace "In consideration of the discounted rate terms established herein, the Customer agrees to purchase from and/or transport through Columbia's system 100% of the natural gas requirements that are delivered to the facility location set out above during the term of this Agreement" with "In consideration of the discounted rate terms established herein, the Customer agrees to purchase from and/or transport through Columbia's system 100% of the natural gas and gaseous fuel requirements that are delivered to the facility location set out above during the term of this Agreement".

4). Revised Agreement term specified in the fourth bullet item: Replace "The term of this Agreement shall be from the Effective Date to June 30, 2009" with "The term of this Agreement shall be from July 1, 2012 to June 30, 2017".

5). Except as amended hereby, all terms and conditions of the Agreement shall remain in full force and effect. No other modifications, additions, or deletions are intended hereby.

CUSTOMER C

IN WITNESS WHEREOF, the Parties have caused this First Amendment to be executed by duly authorized representatives as of the date first written above.



10th July 12
Date

COLUMBIA GAS OF KENTUCKY, INC.

By: [Signature]
Signature
Stanley T. Sagun
Name
SVP, COO/CFO
Title
6/15/12
Date
[Signature]

CUSTOMER C

Flex Rate Agreement

July 26, 2005



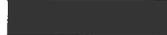
This Flex Rate Agreement ("Agreement"), effective July 1st, 2005 is made and entered into by and between Columbia Gas of Kentucky, Inc. ("Columbia"), with offices located at 2001 Mercer Road, Lexington, Kentucky 40511 and [REDACTED] ("Customer"), [REDACTED]

[REDACTED] This Agreement shall supersede and cancel all previous transportation and flex rate agreement(s) between Columbia and Customer for the specific facility location covered by this Agreement. This Agreement is being entered into as a result of the competitive situation that exists with regards to the Customer's ability to utilize natural gas from another supplier at this facility location. This Agreement is for the Customer facility location and PSID # listed below:

Customer Location



PSID Number



- The Customer agrees to pay a rate of \$0.45 per Mcf for the first 25,000 Mcf per month, and \$.25 per Mcf for all volumes over 25,000 Mcf per month, delivered to the facility location listed above. In addition, Customer agrees to pay any and all charges or additional costs related to operational orders of any type. Further, Customer agrees that the gas delivered under this Agreement will be subject to Dth to Mcf conversion factors. Columbia agrees to waive all other additional fees, riders and surcharges associated with Columbia's "Delivery Service" rate schedule in accordance with the terms of Columbia's gas transportation tariff on file with and approved by the Public Service Commission of Kentucky.
- Each year for the next 4 years, until and including June 30, 2009, Columbia shall determine the total volumes delivered to the facility location listed above. If Columbia determines the above referenced volumes to be less than 486,000 Mcf for any 12 month period between the anniversary dates of this Agreement, Customer agrees to pay an amount to Columbia equal to the difference between the tariff rate applicable to Customer for the period in question less the actual flex rate billed times the total volumes delivered to the facility location specified above. In no event shall Columbia be obligated to make any payments to Applicant under this Agreement.
- In consideration of the discounted rate terms established herein, the Customer agrees to purchase from and/or transport through Columbia's system 100% of the natural gas requirements that are delivered to the facility location set out above during the term of this Agreement.

CUSTOMER C

- The term of this Agreement shall be from the Effective Date to June 30, 2009. This Agreement shall automatically renew in one-year increments after the expiration of the initial four year term unless either party elects to terminate the Agreement by providing the other non-terminating party with written Notice of Intent to Terminate. The Notice of Intent to Terminate shall be provided by the terminating party not less than sixty (60) days before the expiration of the initial four year term or sixty days before the expiration of any subsequent renewal period. There is no right to terminate this Agreement by either party prior to the expiration of the initial four year term. Billing pursuant to this Agreement will begin with the Customer's July 2005 billing cycle and end with the Customer's June 2009 billing cycle.
- Columbia will provide the Customer a 5% monthly banking volume at this facility at no charge.
- Columbia reserves the right to reopen this Agreement for renegotiation of its terms and conditions in order to accommodate any changes in applicable laws, rules, regulations or orders issued by the Public Service Commission of Kentucky to which Columbia is subject to during the term of this Agreement. If the parties can not agree on renegotiated terms and conditions, either party may terminate the Agreement by providing 30 days prior written notice to the non-terminating party.
- The parties agree that this flex rate is only applicable to the gas delivered to the initial natural gas facilities that are to be installed at the above facility location described in this Agreement. If the Customer adds additional facilities and/or creates processes that require installation of additional Columbia facilities, or additional investment or expenditure by Columbia in order to serve said Customer facilities, then the parties shall negotiate a separate agreement for such service to the additional facilities or newly created processes.
- Customer agrees to make nominations of gas into Columbia's system that are commensurate with the aggregate of Customer's monthly natural gas consumption and banked volumes on Columbia, as determined by Columbia's monthly meter readings. Notwithstanding anything to the contrary in this Agreement, if Columbia determines that the aggregate of Customer's monthly nominations and then current banked gas volumes with Columbia are less than 80% of any given month's actual usage, then Columbia shall have the absolute right, but not the obligation, to suspend service to the Customer by providing written notice via facsimile transmission of Columbia's intent to suspend service. Customer shall have five days from facsimile transmission to cure the shortfall of nominated gas volumes. If Customer has not cured the shortfall of nominated gas volumes to the satisfaction of Columbia within such five-day period, Columbia may suspend service to that facility location. The facsimile transmission will be sent to the Customer's General Manager.
- The parties further agree that the terms and conditions of this Agreement are competitively sensitive, proprietary in nature and confidential. As such, the parties agree to keep confidential and not to disseminate generally or specifically to anyone in any manner whatsoever the terms and conditions of this Agreement, except when the information is made publicly available as a result of filings with governmental agencies, or where law otherwise requires disclosure.

CUSTOMER C

All terms and conditions of Columbia's gas transportation tariff, on file with and approved by the Public Service Commission of Kentucky, not inconsistent with the above referenced points of agreement shall remain in full force and effect.

Sincerely,



M. Carol Fox RCWR
Vice President, Large Customer Relations
And Gas Transportation Management

Columbia Gas of Kentucky, Inc.
200 Civic Center Drive
Columbus, Ohio 43215

Accepted and Agreed:



1 Aug 05

Date:

Columbia Gas
of Kentucky

A NiSource Company

PSC Case No. 2013-00167

AG Set 1 DR No. 282

Attachment D

Respondent: Chad E. Notestone

Page 1 of 2

May 6, 2003

CUSTOMER D

[REDACTED]

**RE: [REDACTED] and Columbia Gas of
Kentucky Service Arrangements**

Dear [REDACTED]

This letter agreement dated May 6, 2003, (Agreement) is made and entered into by and between Columbia Gas of Kentucky ("Columbia") and [REDACTED]

This Agreement relates only to [REDACTED]

[REDACTED] which has the following account number: [REDACTED]

For said [REDACTED] facility, Columbia agrees to flex its basic transportation rate in accordance with Page 41 of its Gas Transportation Tariff on file with and approved by the Public Service Commission of Kentucky. Pursuant to Page 41 of this tariff, Columbia agrees to flex its banking and balancing service charges to \$0.00 per Mcf during the term of this Agreement.

This Agreement has a term of ^{MAH Five} ~~two~~ years, beginning with Columbia's May 2003 billing cycle for [REDACTED] and ending with Columbia's April 2005 ^{P. MAH} ~~five~~ billing cycle for [REDACTED]

Upon the expiration of the ^{MAH} ~~two~~ ^{five} year term specified above, this Agreement shall continue from year-to-year, unless either party elects to terminate the Agreement by providing the other non-terminating party with written notice of its intention to terminate the Agreement. Such written notice must be served on the other party no later than January 1 of any year, to be effective the March 1 immediately following the notice.

Notwithstanding the above termination provisions, in the event that there is a change in the applicable laws or regulations that would have a material impact upon the obligations or duties of either party under this Agreement, or in the event that any regulatory agency having jurisdiction, including, but not limited to, the Public Service Commission of Kentucky, issues any rule, regulation or order that would have a material impact upon the obligations or duties of either party under this Agreement, then either


May 6, 2003
Page Two

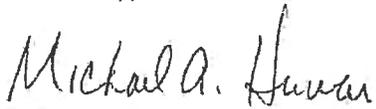
PSC Case No. 2013-00167
AG Set 1 DR No. 282
Attachment D
Respondent: Chad E. Notestone
Page 2 of 2

CUSTOMER D

party may terminate this Agreement upon thirty (30) days written notice to the other party. In the event of such a termination of this Agreement, the parties agree to negotiate in good faith to establish a new agreement.

The parties further agree that the terms and conditions of this Agreement are competitively sensitive, proprietary in nature and confidential. As such, the parties agree to keep the terms of the Agreement confidential and not to disseminate it generally or specifically to anyone in any manner whatsoever, except when the information is made publicly available as a result of filings with governmental agencies, or where the law otherwise requires disclosure.

Sincerely,



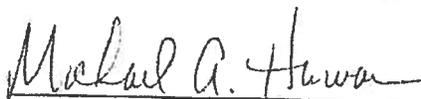
Michael A. Huwar
Vice President, Sales
NiSource Energy Distribution Group

cc:


S. Dudley - CKY
R. Ricks - COH

ACCEPTED AND AGREED:

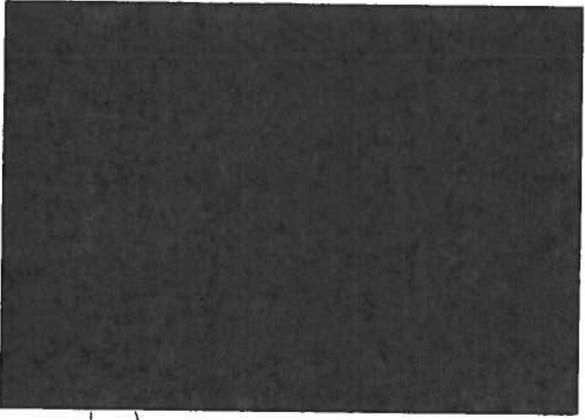
Columbia Gas of Kentucky


Authorized Signature

Michael A. Huwar
Printed Name

Vice President, Sales
Title

May 6, 2003
Date


5 | 15 | 03
Date

CUSTOMER E
Flex Rate Agreement

This Flex Rate Agreement ("Agreement"), effective May 1, 2013, is made and entered into by and between Columbia Gas of Kentucky, Inc. ("Columbia"), with offices located at 2001 Mercer Road, Lexington, Kentucky, and [REDACTED] ("Customer"), [REDACTED]

This Agreement shall supersede and cancel all previous transportation and flex rate agreement(s) between Columbia and Customer for the specific facility locations covered by this Agreement. This Agreement is being entered into as a result of alternatives available to the Customer and is applicable only to the Customer facility locations with the associated PCID numbers listed below:

Customer Facility Location

PCID Number

[REDACTED]

[REDACTED]

1. Customer agrees to pay a Delivery Charge of \$0.33 per Mcf for all deliveries in contract year 1 (May 1, 2013 through April 30, 2014), a Delivery Charge of \$0.36 per Mcf for all deliveries in contract year 2 (May 1, 2014 through April 30, 2015), a Delivery Charge of \$0.39 per Mcf for all deliveries in contract year 3 (May 1, 2015 through April 30, 2016), a Delivery Charge of \$0.42 per Mcf for all deliveries in contract year 4 (May 1, 2016 through April 30, 2017), and a Delivery Charge of the then applicable Delivery Service ("DS") Transportation Service Rate Schedule per PCID account per Mcf for all deliveries in contract year 5 beginning May 1, 2017 and thereafter. In addition to the Delivery Charges specified above, Customer agrees to pay the applicable DS Transportation Service Rate Schedule Administrative Charge per PCID account in contract years 1 through 5, the applicable DS Transportation Service Rate Schedule Customer Charge per PCID account in contract years 2 through 5, the applicable DS Transportation Service Rate Schedule Banking and Balancing Service Charge in contract years 3 through 5, and all applicable DS Transportation Service Rate Schedule Base Rate, Adjustment, and Rider components in contract year 5 and thereafter.
2. Beginning May 1, 2013 and continuing each contract year, Columbia shall determine the Customer's total deliveries. If Customer's total deliveries are less than 825,000 Mcf per year for contract years 1 and 2, 850,000 Mcf for contract year 3, and 900,000 Mcf for contract year 4, Customer agrees to pay a contract year deficiency amount of \$272,250, less \$0.33 for each Mcf of gas delivered up to 825,000 Mcf for year 1, a contract year deficiency amount of \$297,000, less \$0.36 for each Mcf of gas delivered up to 825,000 Mcf for year 2, a contract year deficiency amount of \$331,500, less \$0.39 for each Mcf of gas delivered up to 850,000 Mcf for year 3, and a contract year deficiency amount of \$378,000, less \$0.42 for each Mcf of gas delivered up to 900,000 Mcf for year 4. Any contract year deficiency amount will be billed to Customer by Columbia in the May billing cycle immediately following the completion of the respective contract year, or as soon thereafter as practical.
3. Columbia agrees to flex the Customer Charge in contract year 1, the Banking and Balancing Service Charge in contract years 1 and 2, the Rider for Natural Gas Research and Development in contract years 1 through 4, and Accelerated Main Replacement Program Rider in contract years 1 through 4 to \$0.00 of Columbia's Delivery Service ("DS") Transportation Service Rate Schedule. Customer agrees to pay any and all charges or additional costs related

CUSTOMER E

to operational orders of any type and all other applicable rates, fees, riders, charges, and applicable taxes associated with Columbia's DS Transportation Service Rate Schedule in accordance with the terms of Columbia's gas transportation tariff on file with and approved by the Public Service Commission of Kentucky.

4. In consideration of the discounted rate terms established herein, the Customer agrees to purchase from and or transport through Columbia's system 100% of the natural gas requirements that are delivered to the facility locations set out above during the term of this Agreement.

5. The term of this Agreement shall be from the Effective Date of May 1, 2013 to April 30, 2018. There is no right to terminate this Agreement by either party prior to the expiration of the 5 year term, except as otherwise provided for herein. If either party breaches any term of this Agreement, makes a general assignment for the benefit of creditors, or a receiver is appointed for a party, that party shall be in default of this Agreement and the other party may terminate this Agreement. Billing pursuant to this Agreement will begin with the Customer's May 2013 billing cycle and end with the Customer's April 2018 billing cycle.

6. Columbia will provide the Customer a Bank Tolerance of 5% pursuant to its tariff Banking and Balancing Service. The 5% Bank Tolerance will be based on the higher of either the Customer's actual annual usage or 825,000 MCF in contract years 1 and 2, 850,000 MCF in contract year 3, and 900,000 MCF in contract year 4.

7. Columbia and Customer reserve the right to reopen this Agreement for renegotiation of its terms and conditions in order to accommodate any changes in applicable laws, rules, regulations or orders issued by the Public Service Commission of Kentucky or the Commonwealth of Kentucky to which Columbia is subject to during the term of this Agreement. If the parties can not agree on renegotiated terms and conditions, either party may terminate the Agreement by providing 30 days prior written notice to the non-terminating party.

8. The parties agree that this flex rate is only applicable to the gas delivered to the initial natural gas facilities that are installed at the above facility locations described in this Agreement and that are existing at the time this Agreement is executed. If the Customer adds additional facilities and/or creates processes that require installation of additional Columbia facilities, or additional investment or expenditure by Columbia in order to serve said Customer facilities, then the parties shall negotiate a separate agreement for such service to the additional facilities or newly created processes.

9. The parties further agree that the terms and conditions of this Agreement are competitively sensitive, proprietary in nature and confidential. As such the parties agree to keep confidential and not to disseminate generally or specifically to anyone in any manner whatsoever the terms and conditions of this Agreement, except when the information is made publicly available as a result of filings with governmental agencies, or where law otherwise requires disclosure.

All terms and conditions of Columbia's gas transportation tariff, on file with and approved by the Public Service Commission of Kentucky, not inconsistent with the above referenced points of agreement shall remain in full force and effect.

Accepted and Agreed:

Accepted and Agreed:

CUSTOMER E

Columbia Gas of Kentucky, Inc.



Stanley Sagan
SVP, CCO/CFO

Date: 4/23/13

1/23



Date: 4/29/13

**COLUMBIA GAS OF KENTUCKY, INC.
RESPONSE TO ATTORNEY GENERAL'S FIRST
REQUEST FOR INFORMATION
DATED JULY 19, 2013**

283. With regard to NiSource Corporation Service Company ("NCSC"), please provide the amount charged to Columbia Gas of Kentucky for each of the last five years by service area or cost center as defined within the Direct Testimony of witness Taylor on Pages 7 and 8 and Attachment SMT-2, Pages 7 through 11. If the requested information is not available by service area, please provide in the greatest detail possible; e.g., by cost center, business activity, etc.

Response:

Please see the table below for the total amount of NCSC contract billing charges to Columbia Gas of Kentucky by service category for 2008, 2009, 2010, 2011, and 2012.

NCSC Charges to Columbia Gas of Kentucky

| Service Category | 2008 | 2009 | 2010 | 2011 | 2012 |
|--|------------------|-------------------|-------------------|-------------------|-------------------|
| Accounting and Statistical Services | 745,283 | 927,382 | 790,179 | 770,123 | 834,267 |
| Auditing Services | 98,829 | 97,276 | 140,763 | 147,360 | 134,900 |
| Budget Services | 142,535 | 300,510 | 358,572 | 425,353 | 422,669 |
| Business Promotion Services | 249,613 | 644,225 | 592,253 | 678,186 | 630,445 |
| Corporate Services | 378,512 | 384,545 | 341,071 | 522,715 | 484,679 |
| Customer Billing, Collection, and Contact Services | 1,115,859 | 1,055,497 | 1,559,318 | 1,516,633 | 1,503,324 |
| Employee Services | 271,349 | 287,197 | 324,102 | 394,083 | 423,613 |
| Engineering and Research Services | 79,660 | 21,217 | 137 | 2,343 | 13,272 |
| Gas Dispatching Services | 197,627 | 212,814 | 226,670 | 91,723 | 99,850 |
| Information Services | 69,276 | 59,606 | 69,905 | 76,677 | 90,060 |
| Information Technology Services | 3,122,696 | 3,245,925 | 3,508,158 | 3,649,272 | 3,694,694 |
| Insurance Services | 48,932 | 62,219 | 69,125 | 61,724 | 64,737 |
| Legal Services | 269,179 | 500,460 | 440,260 | 578,300 | 435,418 |
| Office Space | 315,158 | 217,489 | 233,962 | 156,955 | 157,757 |
| Operations Support and Planning Services | 1,642,417 | 2,073,641 | 2,685,252 | 2,879,277 | 3,379,196 |
| Purchasing, Storage and Disposition Services | 239,412 | 158,928 | 155,392 | 150,706 | 172,664 |
| Rate Services | 17,397 | 34,978 | 53,658 | 57,911 | 52,774 |
| Tax Services | 393,972 | 598,675 | 519,333 | 916,583 | 514,549 |
| Transportation Services | 130,978 | 96,222 | 101,748 | 112,800 | 138,289 |
| Treasury Services | 116,643 | 136,800 | 97,861 | 117,164 | 108,381 |
| Miscellaneous Services | 14,045 | 27,110 | 34,568 | 143,204 | 93,623 |
| Grand Total | 9,645,326 | 11,115,605 | 12,267,720 | 13,305,890 | 13,449,161 |

**COLUMBIA GAS OF KENTUCKY, INC.
RESPONSE TO ATTORNEY GENERAL'S FIRST
REQUEST FOR INFORMATION
DATED JULY 19, 2013**

284. With regard to NiSource Corporation Service Company ("NCSC"), please provide the amount charged to Columbia Gas of Kentucky for the future test year by service area or cost center as defined within the Direct Testimony of witness Taylor on Pages 7 and 8 and Attachment SMT-2, Pages 7 through 11. If the requested information is not available by service area, please provide in the greatest detail possible; e.g., by cost center, business activity, etc.

Response:

Please see the table below for the forecasted test period management fee broken down by department.

| <u>Summary Department</u> | <u>Functional Department</u> | <u>2014</u> |
|---------------------------------|-------------------------------|---------------|
| NiSource Gas Distribution | Commercial Operations | \$ 420,035 |
| | Communications | 136,357 |
| | Customer Operations | 2,227,865 |
| | NGD Executive | 132,380 |
| | NGD Operations | 107,890 |
| | Operations | 2,810,713 |
| | Rates and Regulatory | 245,253 |
| | Sales and Marketing | 666,774 |
| | Supply and Optimization | 83,007 |
| NiSource Gas Distribution Total | | 6,830,275 |
| Administrative Services | Facilities and Real Estate | 169,807 |
| | Information Technology | 4,237,894 |
| | Supply Chain | 248,202 |
| Administrative Services Total | | 4,655,902 |
| Corporate Affairs | Corporate Affairs - Executive | 22,173 |
| | Corporate Communications | 32,954 |
| | Governmental Affairs | 11,222 |
| | Investor Relations | 17,482 |
| Corporate Affairs Total | | 83,830 |
| Executive | Audit | 146,950 |
| | Office of the CEO | 56,597 |
| Executive Total | | 203,547 |
| Finance | Accounting | 222,403 |
| | NGD Finance and Accounting | 441,477 |
| | F&A - IBM Billing | 7,520 |
| | Financial Planning Analysis | 135,798 |
| | Insurance | 35,262 |
| | NIPSCO Finance and Accounting | (753) |
| | Office of the CFO | 28,606 |
| | SOX Compliance Group | 27,663 |
| | Tax | 203,069 |
| Treasury & Corporate Finance | 140,658 | |
| Finance Total | | 1,241,701 |
| Human Resources | Corporate Human Resources | 175,541 |
| | HR Operations & Revenue | 225,521 |
| | Organization Development | 60,984 |
| Human Resources Total | | 462,046 |
| Legal | Compliance and Corp Secretary | 215,361 |
| | ES&S | 107,994 |
| | Legal | 744,096 |
| Legal Total | | 1,067,451 |
| Other Corporate | Cost of Capital | 23,901 |
| | General | 79,718 |
| | Income Tax | 18,189 |
| | Stock and Other Compensation | 390,325 |
| Other Corporate Total | | 512,133 |
| Total Gross Management Fee | | 15,056,885 |
| Management Fee Transfers | | (2,323,249) |
| Total Net Management Fee | | \$ 12,733,636 |

**COLUMBIA GAS OF KENTUCKY, INC.
RESPONSE TO ATTORNEY GENERAL'S FIRST
REQUEST FOR INFORMATION
DATED JULY 19, 2013**

285. Please provide the amount of future test year NCSC charges to Columbia Gas of Kentucky by service area or cost center assigned to each FERC account; i.e., please provide a matrix of detailed NCSC charges by service area or cost center, and by FERC account.

Response:

The NCSC management by service area or cost center assigned to each FERC account is not available for the forecasted test period.

Please refer to Columbia's response to AG data request Set 1 No. 284 for a breakdown of the forecasted test period management fee by department.

Please see the table below for a breakdown of the forecasted test period management fee by FERC account. Columbia does not budget O&M expenses by FERC account. The amounts shown on this attachment represent an allocation of the total forecasted test period management fee to FERC accounts based on an historic trend, specifically the twelve months ending December 31, 2012.

| <u>Account</u> | <u>2014</u> |
|----------------|---------------|
| 807 | \$ 448,996 |
| 870 | 581,195 |
| 874 | 14,303 |
| 885 | - |
| 887 | 25,297 |
| 890 | 28,006 |
| 892 | 3,615 |
| 893 | 41,408 |
| 894 | 77,544 |
| 903 | 1,708,570 |
| 908 | 64,444 |
| 909 | 54,658 |
| 910 | 401,266 |
| 912 | 37,341 |
| 913 | 43,364 |
| 920 | - |
| 923 | 9,203,629 |
| | \$ 12,733,636 |

KY PSC Case No. 2013-00167
Response to AG's Data Request Set One No. 286
Respondent: William J. Gresham

**COLUMBIA GAS OF KENTUCKY, INC.
RESPONSE TO ATTORNEY GENERAL'S FIRST
REQUEST FOR INFORMATION
DATED JULY 19, 2013**

286. Please provide Residential weather normalized usage (Dth or MCF) for each of the last 10 calendar years. In this response, please indicate the approach and basis for estimating normalized consumption and indicate if the methods, heating degree days, and models are the same or different by year. If different, please provide the parameters used to normalize usage by year.

Response:

A description of the normalization method is supplied in Columbia's response to Staff's Data Request Set Two No. 021. The method is the same for all years.

Columbia Gas of Kentucky

Weather Normalized Consumption per customer in mcf

| | |
|------|------|
| 2003 | 81.3 |
| 2004 | 78.5 |
| 2005 | 75.7 |
| 2006 | 70.6 |
| 2007 | 71.6 |
| 2008 | 71.8 |
| 2009 | 70.5 |
| 2010 | 69.5 |
| 2011 | 70.7 |
| 2012 | 67.0 |

COLUMBIA GAS OF KENTUCKY, INC.
RESPONSE TO ATTORNEY GENERAL'S FIRST
REQUEST FOR INFORMATION
DATED JULY 19, 2013

287. Please provide the number of actual meter reading bills and estimated usage bills (non-meter reading) for each rate schedule during the last 12-months.

Response:

| Month | Total Meters | Actual Reads | Estimated Reads |
|----------------|--------------|--------------|-----------------|
| June 2013 | 140,696 | 136,072 | 4,624 |
| May 2013 | 140,995 | 136,874 | 4,121 |
| April 2013 | 140,935 | 137,045 | 3,890 |
| March 2013 | 140,856 | 136,297 | 4,559 |
| February 2013 | 140,889 | 136,119 | 4,770 |
| January 2013 | 140,853 | 136,202 | 4,651 |
| December 2012 | 140,918 | 136,012 | 4,906 |
| November 2012 | 140,552 | 135,366 | 5,186 |
| October 2012 | 140,501 | 136,256 | 4,245 |
| September 2012 | 140,540 | 135,589 | 4,951 |
| August 2012 | 140,355 | 135,513 | 4,842 |
| July 2012 | 140,382 | 135,646 | 4,736 |

KY PSC Case No. 2013-00167
Response to AG's Data Request Set One No. 288
Respondent: Judy M. Cooper

**COLUMBIA GAS OF KENTUCKY, INC.
RESPONSE TO ATTORNEY GENERAL'S FIRST
REQUEST FOR INFORMATION
DATED JULY 19, 2013**

288. Please provide the number of customers (meters) served with a common service line, by class.

Response:

Number of customer meters served with a common service line:

Residential 15,770

Commercial 5,122

Industrial 15

COLUMBIA GAS OF KENTUCKY, INC.
RESPONSE TO ATTORNEY GENERAL'S FIRST
REQUEST FOR INFORMATION
DATED JULY 19, 2013

289. For the most recent 12-months, please provide the number of customers and total MCF or Dth that participated in budget billing (by rate schedule).

Response:

The number of residential and commercial customers that participated in the budget payment plan and associated MCF usage is shown in the table below. Columbia's current reporting does not track budget payment plan customers by rate schedule.

| Budget Pay Plan Customers | | | | |
|----------------------------------|--------------------|-------------------|--------------------|-------------------|
| Month | Number | | MCF | |
| | Residential | Commercial | Residential | Commercial |
| Jul-12 | 45,969 | 1,735 | 56,546 | 9,603 |
| Aug-12 | 46,131 | 1,736 | 53,059 | 7,308 |
| Sep-12 | 46,332 | 1,739 | 53,812 | 7,497 |
| Oct-12 | 46,826 | 1,749 | 100,255 | 13,047 |
| Nov-12 | 47,470 | 1,773 | 294,378 | 40,299 |
| Dec-12 | 47,811 | 1,792 | 485,681 | 63,872 |
| Jan-13 | 47,904 | 1,797 | 733,094 | 99,411 |
| Feb-13 | 48,037 | 1,792 | 722,003 | 102,233 |
| Mar-13 | 47,890 | 1,786 | 667,478 | 90,635 |
| Apr-13 | 47,614 | 1,792 | 473,428 | 61,489 |
| May-13 | 47,433 | 1,782 | 160,325 | 18,825 |
| Jun-13 | 46,833 | 1,770 | 76,423 | 9,280 |

KY PSC Case No. 2013-00167
Response to AG's Data Request Set One No. 290
Respondent: Eric T. Belle

**COLUMBIA GAS OF KENTUCKY, INC.
RESPONSE TO ATTORNEY GENERAL'S FIRST
REQUEST FOR INFORMATION
DATED JULY 19, 2013**

290. Please provide the amount of Mains footage by pressure criteria; e.g., low pressure, medium pressure, and high pressure.

Response:

As of July 29, 2013, Columbia has 588 miles of low pressure main, 323 miles of intermediate pressure main, 1,395 miles of medium pressure main, and 314 miles of high pressure main in its inventory of pipe.

KY PSC Case No. 2013-00167
Response to AG's Data Request Set One No. 291
Respondent: Eric T. Belle

**COLUMBIA GAS OF KENTUCKY, INC.
RESPONSE TO ATTORNEY GENERAL'S FIRST
REQUEST FOR INFORMATION
DATED JULY 19, 2013**

291. With regard to the Company's Mains replacement program, is Columbia installing smaller size Mains operating at higher pressures or is Columbia maintaining its historic pressurizations throughout its distribution system?

Response:

Columbia's AMRP has made it possible to install smaller diameter mains within its distribution system. Additionally, through the first five years of the program, priority pipe on low pressure systems have been replaced predominately with a smaller sized medium pressure or intermediate pressure main.

**COLUMBIA GAS OF KENTUCKY, INC.
 RESPONSE TO ATTORNEY GENERAL'S FIRST
 REQUEST FOR INFORMATION
 DATED JULY 19, 2013**

292. Please provide a comparison of pipe capacities for 2-inch, 4-inch, and 6-inch Mains at various operating pressures used by the Columbia companies.

Response:

See list below.

| Flow Guidelines in MCFH, Straight Thru Flow (0.6 Specific Gravity Gas) | | | | | | | | | | | |
|--|----------------|--------------------------|---------|--------|------|------|------|------|------|------|------|
| Nominal Pipe Size | Wall Thickness | Actual Internal Diameter | LP | IP | | MP | | | | | HP |
| Inlet Pressure | | | 12" WC | 5# | 10# | 20# | 30# | 40# | 50# | 60# | 125# |
| Design Pressure Drop | | | 0.75 WC | 16" WC | | 2# | | | | | 1# |
| Steel Pipe | | | | | | | | | | | |
| 2" | 0.154" | 2.067" | 0.4 | 2.8 | 3.2 | 6.7 | 7.4 | 8.2 | 9.2 | 9.9 | 9.7 |
| 4" | 0.156" | 4.188" | 3.2 | 18.6 | 21.1 | 44.0 | 50.5 | 55.0 | 60.6 | 65.3 | 63.8 |
| 6" | 0.156" | 6.313" | 9.5 | 55.6 | 63.1 | 131 | 154 | 170 | 181 | 195 | 191 |

| Flow Guidelines in MCFH, Straight Thru Flow (0.6 Specific Gravity Gas) | | | | | | | | | | | |
|--|----------------|--------------------------|---------|--------|------|------|-------|-------|------|------|------|
| Nominal Pipe Size | Wall Thickness | Actual Internal Diameter | LP | IP | | MP | | | | | HP |
| Inlet Pressure | | | 12" WC | 5# | 10# | 20# | 30# | 40# | 50# | 60# | 125# |
| Design Pressure Drop | | | 0.75 WC | 16" WC | | 2# | | | | | 1# |
| Plastic Pipe SDR 11 | | | | | | | | | | | |
| 2" | 0.216" | 1.943" | 0.39 | 2.4 | 2.7 | 5.7 | 6.3 | 6.9 | 7.8 | 8.4 | |
| 4" | 0.409" | 3.682" | 2.3 | 13.2 | 15.0 | 31.2 | 35.9 | 38.8 | 43.0 | 46.3 | |
| 6" | 0.602" | 5.421" | 6.4 | 37.0 | 42.1 | 87.6 | 104.5 | 115.4 | 121 | 130 | |

| Flow Guidelines in MCFH, Straight Thru Flow (0.6 Specific Gravity Gas) | | | | | | | | | | | |
|--|----------------|--------------------------|---------|--------|------|------|-------|-------|------|------|------|
| Nominal Pipe Size | Wall Thickness | Actual Internal Diameter | LP | IP | | MP | | | | | HP |
| Inlet Pressure | | | 12" WC | 5# | 10# | 20# | 30# | 40# | 50# | 60# | 125# |
| Design Pressure Drop | | | 0.75 WC | 16" WC | | 2# | | | | | 1# |
| Plastic Pipe SDR 13.5 | | | | | | | | | | | |
| 4" | 0.333" | 3.834" | 2.5 | 14.7 | 16.7 | 34.8 | 40.0 | 43.3 | 47.9 | 51.6 | |
| 6" | 0.491" | 5.643" | 7.1 | 41.1 | 46.7 | 97.5 | 115.9 | 127.8 | 134 | 145 | |
| Plastic Pipe SDR 17 | | | | | | | | | | | |
| 6" | 0.390" | 5.845" | 7.78 | 45.2 | 51.3 | 107 | 127.4 | 140.8 | 148 | 159 | |

**COLUMBIA GAS OF KENTUCKY, INC.
RESPONSE TO ATTORNEY GENERAL'S FIRST
REQUEST FOR INFORMATION
DATED JULY 19, 2013**

293. With regard to each current conservation program, please provide the following:

- a. name and explanation;
- b. annual cost (most recent 12-months);
- c. cost reflected in future test year;
- d. estimated annual MCF or Dth savings (most recent 12-months); and,
- e. estimated annual MCF or Dth savings (future test year).

Response:

- a. The current DSM program measures are set forth on Columbia's Tariff Sheet No. 51h
- b. \$1,494,182 (TME June 30, 2013)
- c. None
- d. 30,480.6 MCF
- e. Not readily identifiable.

KY PSC Case No. 2013-00167
Response to AG's Data Request Set One No. 294
Respondent: Judy M. Cooper

**COLUMBIA GAS OF KENTUCKY, INC.
RESPONSE TO ATTORNEY GENERAL'S FIRST
REQUEST FOR INFORMATION
DATED JULY 19, 2013**

294. With regard to each proposed new conservation program, please provide

the following:

- a. name and explanation;
- b. annual cost in future year; and,
- c. estimated MCF or Dth savings in future test year.

Response:

There are no new conservation programs proposed at this time.

KY PSC Case No. 2013-00167
Response to AG's Data Request Set One No. 295
Respondent: Eric T. Belle and Brad Bohrer

**COLUMBIA GAS OF KENTUCKY, INC.
RESPONSE TO ATTORNEY GENERAL'S FIRST
REQUEST FOR INFORMATION
DATED JULY 19, 2013**

295. Please provide a copy of all cost/benefit studies/analyses conducted regarding the Company's AMR system.

Response:

The AMR business case documents are attached.

| CASH FLOW MODEL | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 |
|--|------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| Revenue | 419,731 | 419,731 | 419,731 | 419,731 | 419,731 | 419,731 | 419,731 | 419,731 | 419,731 | 419,731 |
| Operating Expense After AMR | (1,138,205) | (565,240) | (565,240) | (565,240) | (565,240) | (565,240) | (565,240) | (565,240) | (565,240) | (565,240) |
| Operating Expense Prior to AMR | (1,306,319) | (1,306,319) | (1,306,319) | (1,306,319) | (1,306,319) | (1,306,319) | (1,306,319) | (1,306,319) | (1,306,319) | (1,306,319) |
| Operating Expense Savings | 168,114 | 741,079 | 741,079 | 741,079 | 741,079 | 741,079 | 741,079 | 741,079 | 741,079 | 741,079 |
| Depreciation Expense | (194,356) | (388,711) | (388,711) | (388,711) | (388,711) | (363,711) | (338,711) | (338,711) | (338,711) | (338,711) |
| Property Tax | - | (80,536) | (75,952) | (71,369) | (66,785) | (62,201) | (57,913) | (53,919) | (49,925) | (45,931) |
| EBIT | 393,490 | 691,564 | 696,147 | 700,731 | 705,314 | 734,898 | 764,187 | 768,181 | 772,175 | 776,169 |
| Interest Expense | (89,360) | (173,009) | (161,782) | (150,929) | (140,422) | (130,436) | (121,148) | (112,333) | (103,672) | (95,033) |
| Income Taxes (Adjusted for Interest Expense) | (118,307) | (201,718) | (207,868) | (213,873) | (219,743) | (235,136) | (250,142) | (255,125) | (260,047) | (264,962) |
| Add Back: | | | | | | | | | | |
| Depreciation Expense | 194,356 | 388,711 | 388,711 | 388,711 | 388,711 | 363,711 | 338,711 | 338,711 | 338,711 | 338,711 |
| Deferred Tax | 26,862 | 46,045 | 31,235 | 17,573 | 4,895 | 2,925 | 1,802 | (8,198) | (9,838) | (9,865) |
| After Tax Cash Flow | 496,400 | 924,602 | 908,225 | 893,142 | 879,177 | 866,398 | 854,558 | 843,569 | 841,000 | 840,053 |
| Capex | (7,024,220) | - | - | - | - | - | - | - | - | - |
| Free Cash Flow | (6,527,820) | 924,602 | 908,225 | 893,142 | 879,177 | 866,398 | 854,558 | 843,569 | 841,000 | 840,053 |
| Discounted FCF | (6,527,820) | 855,406 | 777,373 | 707,252 | 644,092 | 587,228 | 535,856 | 489,379 | 451,376 | 417,126 |
| Cumulative Discounted FCF | (6,527,820) | (5,672,413) | (4,895,041) | (4,187,789) | (3,543,697) | (2,956,469) | (2,420,613) | (1,931,234) | (1,479,857) | (1,062,732) |
| NPV | 1,732,502 | | | | | | | | | |
| IRR | 11.87% | | | | | | | | | |
| Payback Period | 13 | | | | | | | | | |

| SUPPORTING CALCULATION | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 |
|--|-------------|-----------|-----------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| 1 Regulatory Revenue | | | | | | | | | | |
| a) Return on investment | | | | | | | | | | |
| Plant In-Service Additions | 7,024,220 | - | - | - | - | - | - | - | - | - |
| Cumulative Plant In-Service | 7,024,220 | 7,024,220 | 7,024,220 | 7,024,220 | 7,024,220 | 7,024,220 | 7,024,220 | 7,024,220 | 7,024,220 | 7,024,220 |
| Accumulated Provision for Depreciation | (194,356) | (583,067) | (971,778) | (1,360,489) | (1,749,200) | (2,112,911) | (2,451,622) | (2,790,333) | (3,129,044) | (3,467,755) |
| Net Plant | 6,829,865 | 6,441,154 | 6,052,443 | 5,663,732 | 5,275,021 | 4,911,310 | 4,572,599 | 4,233,888 | 3,895,177 | 3,556,466 |
| Less: Accumulated Deferred Taxes | (26,862) | (72,906) | (104,142) | (121,715) | (126,609) | (129,534) | (131,337) | (123,138) | (113,300) | (103,435) |
| Net Rate Base | 3,401,502 | 6,585,625 | 6,158,274 | 5,745,159 | 5,345,214 | 4,965,093 | 4,611,519 | 4,276,006 | 3,946,313 | 3,617,454 |
| Return on Rate Base | 393,490 | 761,834 | 712,397 | 664,608 | 618,342 | 574,369 | 533,467 | 494,654 | 456,515 | 418,472 |
| b) Operating Expense | | | | | | | | | | |
| Operating Expense After AMR | 1,138,205 | 565,240 | 565,240 | 565,240 | 565,240 | 565,240 | 565,240 | 565,240 | 565,240 | 565,240 |
| Operating Expense Prior to AMR | 1,306,319 | 1,306,319 | 1,306,319 | 1,306,319 | 1,306,319 | 1,306,319 | 1,306,319 | 1,306,319 | 1,306,319 | 1,306,319 |
| Operating Expense Savings | (168,114) | (741,079) | (741,079) | (741,079) | (741,079) | (741,079) | (741,079) | (741,079) | (741,079) | (741,079) |
| c) Depreciation Expense | 194,356 | 388,711 | 388,711 | 388,711 | 388,711 | 363,711 | 338,711 | 338,711 | 338,711 | 338,711 |
| d) Property Tax Expense | - | 80,536 | 75,952 | 71,369 | 66,785 | 62,201 | 57,913 | 53,919 | 49,925 | 45,931 |
| Revenue Requirement | 419,731 | 490,002 | 435,982 | 383,608 | 332,759 | 259,202 | 189,011 | 146,205 | 104,072 | 62,035 |
| Rate Case Revenues | 419,731 | 419,731 | 419,731 | 419,731 | 419,731 | 419,731 | 419,731 | 419,731 | 419,731 | 419,731 |
| 2 Capex | | | | | | | | | | |
| ERT | 6,774,220 | - | - | - | - | - | - | - | - | - |
| Other Hardware | 250,000 | - | - | - | - | - | - | - | - | - |
| Incremental Capital Expenditure | 7,024,220 | - | - | - | - | - | - | - | - | - |
| Net Book Value | | | | | | | | | | |
| ERTs | 6,604,865 | 6,266,154 | 5,927,443 | 5,588,732 | 5,250,021 | 4,911,310 | 4,572,599 | 4,233,888 | 3,895,177 | 3,556,466 |
| Other Hardware | 225,000 | 175,000 | 125,000 | 75,000 | 25,000 | - | - | - | - | - |
| Total Net Book Value | 6,829,865 | 6,441,154 | 6,052,443 | 5,663,732 | 5,275,021 | 4,911,310 | 4,572,599 | 4,233,888 | 3,895,177 | 3,556,466 |
| Avg Plant | 3,414,932 | 6,635,509 | 6,246,798 | 5,858,087 | 5,489,376 | 5,093,165 | 4,741,954 | 4,403,243 | 4,064,532 | 3,725,821 |
| Accumulative Depreciation | (194,356) | (583,067) | (971,778) | (1,360,489) | (1,749,200) | (2,112,911) | (2,451,622) | (2,790,333) | (3,129,044) | (3,467,755) |
| 3 Property Tax | | | | | | | | | | |
| Assessed Expensed | 80,536 | 75,952 | 71,369 | 66,785 | 62,201 | 57,913 | 53,919 | 49,925 | 45,931 | 41,937 |
| | | 80,536 | 75,952 | 71,369 | 66,785 | 62,201 | 57,913 | 53,919 | 49,925 | 45,931 |
| 4 Book Depreciation | | | | | | | | | | |
| ERTs | (169,356) | (338,711) | (338,711) | (338,711) | (338,711) | (338,711) | (338,711) | (338,711) | (338,711) | (338,711) |
| Other Hardware | (25,000) | (50,000) | (50,000) | (50,000) | (50,000) | (25,000) | 0 | 0 | 0 | 0 |
| Total Book Depreciation | (194,356) | (388,711) | (388,711) | (388,711) | (388,711) | (363,711) | (338,711) | (338,711) | (338,711) | (338,711) |
| 5 Tax Depreciation | | | | | | | | | | |
| Capex | (7,024,220) | - | - | - | - | - | - | - | - | - |
| Tax Depreciation | (263,408) | (507,078) | (469,007) | (433,886) | (401,294) | (371,230) | (343,344) | (317,635) | (313,421) | (313,350) |
| 6 Deferred Tax | | | | | | | | | | |
| Tax Depreciation | (263,408) | (507,078) | (469,007) | (433,886) | (401,294) | (371,230) | (343,344) | (317,635) | (313,421) | (313,350) |
| Book Depreciation | (194,356) | (388,711) | (388,711) | (388,711) | (388,711) | (363,711) | (338,711) | (338,711) | (338,711) | (338,711) |
| Difference | (69,053) | (118,367) | (80,296) | (45,175) | (12,583) | (7,519) | (4,633) | 21,076 | 25,290 | 25,361 |
| Deferred Tax | (26,862) | (46,045) | (31,235) | (17,573) | (4,895) | (2,925) | (1,802) | 8,198 | 9,838 | 9,865 |
| Accumulated Deferred Tax | (26,862) | (72,906) | (104,142) | (121,715) | (126,609) | (129,534) | (131,337) | (123,138) | (113,300) | (103,435) |
| 7 Income Taxes | | | | | | | | | | |
| Revenue | 419,731 | 419,731 | 419,731 | 419,731 | 419,731 | 419,731 | 419,731 | 419,731 | 419,731 | 419,731 |
| O&M | (1,138,205) | (565,240) | (565,240) | (565,240) | (565,240) | (565,240) | (565,240) | (565,240) | (565,240) | (565,240) |
| Property Tax Expense | - | (80,536) | (75,952) | (71,369) | (66,785) | (62,201) | (57,913) | (53,919) | (49,925) | (45,931) |
| Depreciation Expense | (194,356) | (388,711) | (388,711) | (388,711) | (388,711) | (363,711) | (338,711) | (338,711) | (338,711) | (338,711) |
| Interest Expense | (89,360) | (173,009) | (161,782) | (150,929) | (140,422) | (130,436) | (121,148) | (112,333) | (103,672) | (95,033) |
| Taxable Income | (1,002,188) | (787,764) | (771,954) | (756,517) | (741,427) | (701,857) | (663,280) | (650,472) | (637,816) | (625,183) |
| Income Taxes | 389,851 | 306,440 | 300,290 | 294,285 | 288,415 | 273,022 | 258,016 | 253,033 | 248,111 | 243,196 |
| 8 Interest Expense | | | | | | | | | | |
| Interest Exp on LTD | (83,386) | (161,444) | (150,967) | (140,840) | (131,036) | (121,717) | (113,049) | (104,824) | (96,742) | (88,680) |
| Interest Exp on STD | (5,973) | (11,565) | (10,814) | (10,089) | (9,367) | (8,719) | (8,098) | (7,509) | (6,930) | (6,353) |
| Total Interest Exp | (89,360) | (173,009) | (161,782) | (150,929) | (140,422) | (130,436) | (121,148) | (112,333) | (103,672) | (95,033) |

| | 2024 | 2025 | 2026 | 2027 | 2028 | 2029 | 2030 | 2031 | 2032 | 2033 | 2034 |
|--|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| SUPPORTING CALCULATION | | | | | | | | | | | |
| 1 Regulatory Revenue | | | | | | | | | | | |
| a) Return on Investment | | | | | | | | | | | |
| Plant In-Service Additions | - | - | - | - | - | - | - | - | - | - | - |
| Cumulative Plant In-Service | 7,024,220 | 7,024,220 | 7,024,220 | 7,024,220 | 7,024,220 | 7,024,220 | 7,024,220 | 7,024,220 | 7,024,220 | 7,024,220 | 7,024,220 |
| Accumulated Provision for Depreciation | (3,806,466) | (4,145,177) | (4,483,888) | (4,822,599) | (5,161,310) | (5,500,021) | (5,838,732) | (6,177,443) | (6,516,154) | (6,854,865) | (7,024,220) |
| Net Plant | 3,217,755 | 2,879,044 | 2,540,333 | 2,201,622 | 1,862,911 | 1,524,200 | 1,185,489 | 846,778 | 508,067 | 169,356 | 0 |
| Less: Accumulated Deferred Taxes | (93,597) | (83,732) | (73,894) | (64,029) | (54,191) | (44,325) | (34,487) | (24,622) | (14,784) | (4,919) | 0 |
| Net Rate Base | 3,288,594 | 2,959,735 | 2,630,875 | 2,302,016 | 1,973,157 | 1,644,297 | 1,315,438 | 986,578 | 657,719 | 328,859 | 82,218 |
| Return on Rate Base | 380,429 | 342,386 | 304,343 | 266,300 | 228,257 | 190,215 | 152,172 | 114,129 | 76,086 | 38,043 | 9,511 |
| b) Operating Expense | | | | | | | | | | | |
| Operating Expense After AMR | 565,240 | 565,240 | 565,240 | 565,240 | 565,240 | 565,240 | 565,240 | 565,240 | 565,240 | 565,240 | 565,240 |
| Operating Expense Prior to AMR | 1,306,319 | 1,306,319 | 1,306,319 | 1,306,319 | 1,306,319 | 1,306,319 | 1,306,319 | 1,306,319 | 1,306,319 | 1,306,319 | 1,306,319 |
| Operating Expense Savings | (741,079) | (741,079) | (741,079) | (741,079) | (741,079) | (741,079) | (741,079) | (741,079) | (741,079) | (741,079) | (741,079) |
| c) Depreciation Expense | 338,711 | 338,711 | 338,711 | 338,711 | 338,711 | 338,711 | 338,711 | 338,711 | 338,711 | 338,711 | 169,356 |
| d) Property Tax Expense | 41,937 | 37,943 | 33,949 | 29,955 | 25,961 | 21,967 | 17,973 | 13,979 | 9,985 | 5,991 | 1,997 |
| Revenue Requirement | 19,998 | (22,039) | (64,076) | (106,113) | (148,150) | (190,187) | (232,223) | (274,260) | (316,297) | (358,334) | (560,215) |
| Rate Case Revenues | 419,731 | 419,731 | 419,731 | 419,731 | 419,731 | 419,731 | 419,731 | 419,731 | 419,731 | 419,731 | 419,731 |
| 2 Capex | | | | | | | | | | | |
| ERT | - | - | - | - | - | - | - | - | - | - | - |
| Other Hardware | - | - | - | - | - | - | - | - | - | - | - |
| Incremental Capital Expenditure | - | - | - | - | - | - | - | - | - | - | - |
| Net Book Value | | | | | | | | | | | |
| ERTs | 3,217,755 | 2,879,044 | 2,540,333 | 2,201,622 | 1,862,911 | 1,524,200 | 1,185,489 | 846,778 | 508,067 | 169,356 | 0 |
| Other Hardware | - | - | - | - | - | - | - | - | - | - | - |
| Total Net Book Value | 3,217,755 | 2,879,044 | 2,540,333 | 2,201,622 | 1,862,911 | 1,524,200 | 1,185,489 | 846,778 | 508,067 | 169,356 | 0 |
| Avg Plant | 3,387,110 | 3,048,399 | 2,709,688 | 2,370,977 | 2,032,266 | 1,693,555 | 1,354,844 | 1,016,133 | 677,422 | 338,711 | 84,678 |
| Accumulative Depreciation | (3,806,466) | (4,145,177) | (4,483,888) | (4,822,599) | (5,161,310) | (5,500,021) | (5,838,732) | (6,177,443) | (6,516,154) | (6,854,865) | (7,024,220) |
| 3 Property Tax | | | | | | | | | | | |
| Assessed | 37,943 | 33,949 | 29,955 | 25,961 | 21,967 | 17,973 | 13,979 | 9,985 | 5,991 | 1,997 | 0 |
| Expensed | 41,937 | 37,943 | 33,949 | 29,955 | 25,961 | 21,967 | 17,973 | 13,979 | 9,985 | 5,991 | 1,997 |
| 4 Book Depreciation | | | | | | | | | | | |
| ERTs | (338,711) | (338,711) | (338,711) | (338,711) | (338,711) | (338,711) | (338,711) | (338,711) | (338,711) | (338,711) | (169,356) |
| Other Hardware | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total Book Depreciation | (338,711) | (338,711) | (338,711) | (338,711) | (338,711) | (338,711) | (338,711) | (338,711) | (338,711) | (338,711) | (169,356) |
| 5 Tax Depreciation | | | | | | | | | | | |
| Capex | - | - | - | - | - | - | - | - | - | - | - |
| Tax Depreciation | (313,421) | (313,350) | (313,421) | (313,350) | (313,421) | (313,350) | (313,421) | (313,350) | (313,421) | (313,350) | (156,710) |
| 6 Deferred Tax | | | | | | | | | | | |
| Tax Depreciation | (313,421) | (313,350) | (313,421) | (313,350) | (313,421) | (313,350) | (313,421) | (313,350) | (313,421) | (313,350) | (156,710) |
| Book Depreciation | (338,711) | (338,711) | (338,711) | (338,711) | (338,711) | (338,711) | (338,711) | (338,711) | (338,711) | (338,711) | (169,356) |
| Difference | 25,290 | 25,361 | 25,290 | 25,361 | 25,290 | 25,361 | 25,290 | 25,361 | 25,290 | 25,361 | 12,645 |
| Deferred Tax | 9,838 | 9,865 | 9,838 | 9,865 | 9,838 | 9,865 | 9,838 | 9,865 | 9,838 | 9,865 | 4,919 |
| Accumulated Deferred Tax | (93,597) | (83,732) | (73,894) | (64,029) | (54,191) | (44,325) | (34,487) | (24,622) | (14,784) | (4,919) | 0 |
| 7 Income Taxes | | | | | | | | | | | |
| Revenue | 419,731 | 419,731 | 419,731 | 419,731 | 419,731 | 419,731 | 419,731 | 419,731 | 419,731 | 419,731 | 419,731 |
| O&M | (565,240) | (565,240) | (565,240) | (565,240) | (565,240) | (565,240) | (565,240) | (565,240) | (565,240) | (565,240) | (565,240) |
| Property Tax Expense | (41,937) | (37,943) | (33,949) | (29,955) | (25,961) | (21,967) | (17,973) | (13,979) | (9,985) | (5,991) | (1,997) |
| Depreciation Expense | (338,711) | (338,711) | (338,711) | (338,711) | (338,711) | (338,711) | (338,711) | (338,711) | (338,711) | (338,711) | (169,356) |
| Interest Expense | (86,393) | (77,754) | (69,115) | (60,475) | (51,836) | (43,197) | (34,557) | (25,918) | (17,279) | (8,639) | (2,160) |
| Taxable Income | (612,550) | (599,917) | (587,283) | (574,650) | (562,017) | (549,383) | (536,750) | (524,117) | (511,483) | (498,850) | (319,021) |
| Income Taxes | 238,282 | 233,368 | 228,453 | 223,539 | 218,624 | 213,710 | 208,796 | 203,881 | 198,967 | 194,053 | 124,099 |
| 8 Interest Expense | | | | | | | | | | | |
| Interest Exp on LTD | (80,618) | (72,557) | (64,495) | (56,433) | (48,371) | (40,309) | (32,247) | (24,186) | (16,124) | (8,062) | (2,016) |
| Interest Exp on STD | (5,775) | (5,198) | (4,620) | (4,043) | (3,465) | (2,888) | (2,310) | (1,733) | (1,155) | (578) | (144) |
| Total Interest Exp | (86,393) | (77,754) | (69,115) | (60,475) | (51,836) | (43,197) | (34,557) | (25,918) | (17,279) | (8,639) | (2,160) |

KY PSC Case No. 2013-00167
Response to AG's Data Request Set One No. 296
Respondents: Eric T. Belle and Brad Bohrer

**COLUMBIA GAS OF KENTUCKY, INC.
RESPONSE TO ATTORNEY GENERAL'S FIRST
REQUEST FOR INFORMATION
DATED JULY 19, 2013**

296. Please provide a copy of all internal reports, memoranda, etc. requesting and approving an AMR for Columbia Gas of Kentucky.

Response:

According to the NGD capital allocation and authorization policy, Columbia will create and approve a specific budget and job order(s) which will authorize the capital expenditures for this project based on the forecasted spend of \$7 million. Although these documents have not been created and approved to date, Columbia will complete this effort prior to the start of the AMR program.

KY PSC Case No. 2013-00167
Response to AG's Data Request Set One No. 297
Respondent: Chad E. Notestone and S. Mark Katko

**COLUMBIA GAS OF KENTUCKY, INC.
RESPONSE TO ATTORNEY GENERAL'S FIRST
REQUEST FOR INFORMATION
DATED JULY 19, 2013**

297. Please provide details of the amount of proposed AMR rate base and expenses included in the Company's Application.

Response:

Columbia's net AMR plant in service for the forecasted test period is \$5,054,950.

Columbia is unsure what is meant by proposed AMR expenses.

KY PSC Case No. 2013-00167
Response to AG's Data Request Set One No. 298
Respondent: S. Mark Katko

**COLUMBIA GAS OF KENTUCKY, INC.
RESPONSE TO ATTORNEY GENERAL'S FIRST
REQUEST FOR INFORMATION
DATED JULY 19, 2013**

298. Please provide a detailed description of all cost savings (quantified) that are expected with the implementation of an AMR system and indicate where these specific cost savings are included in the Company's Application.

Response:

Please refer to Columbia's response to AG data request Set 1 No. 15 for the amount of AMR cost savings. The cost savings represent a reduction in contract meter reading O&M expenses and are, therefore, included in the determination of Columbia's revenue requirement.

KY PSC Case No. 2013-00167
Response to AG's Data Request Set One No. 299
Respondents: Eric T. Belle and Brad Bohrer

**COLUMBIA GAS OF KENTUCKY, INC.
RESPONSE TO ATTORNEY GENERAL'S FIRST
REQUEST FOR INFORMATION
DATED JULY 19, 2013**

299. With regard to the Company's proposed AMR program, will AMR devices be installed for all customer classes? If no, please indicate the classes and estimated number of meters that will have AMR capabilities.

Response:

The installation of AMR devices is scheduled for 2014 and Columbia plans to install AMR devices for all customer classes.

KY PSC Case No. 2013-00167
Response to AG's Data Request Set One No. 300
Respondents: Eric T. Belle and Brad Bohrer

**COLUMBIA GAS OF KENTUCKY, INC.
RESPONSE TO ATTORNEY GENERAL'S FIRST
REQUEST FOR INFORMATION
DATED JULY 19, 2013**

300. Please provide a time frame for full implementation of the proposed AMR program.

Response:

The installation of AMR devices is planned to occur over the course of 2014. The program is scheduled to be completed by December 31, 2014.

KY PSC Case No. 2013-00167
Response to AG's Data Request Set One No. 301
Respondents: Eric T. Belle and Brad Bohrer

**COLUMBIA GAS OF KENTUCKY, INC.
RESPONSE TO ATTORNEY GENERAL'S FIRST
REQUEST FOR INFORMATION
DATED JULY 19, 2013**

301. Please provide a copy of all contracts with AMR vendors and/or contractors.

Response:

Itron, Inc. is the AMR vendor selected by Columbia. Columbia has not yet selected an AMR installation contractor for the AMR project. Attached are the Software Agreement and the Material and Equipment Agreement for Itron along with the respective amendments. Portions of these Agreements are CONFIDENTIAL.

AMENDMENT No. 04
TO
NISOURCE CORPORATE SERVICES COMPANY
MATERIALS AND EQUIPMENT AGREEMENT
No. R12NI-003

This Amendment No. 04 ("Amendment") is entered into by and between Itron, Inc. ("Seller") and NiSource Corporate Services Company ("Buyer").

WHEREAS, Seller and Buyer entered into a Materials and Equipment Agreement, effective February 24, 2009 to February 23, 2014 ("Agreement") for the purchase of various types of automated meter reading (AMR) units and amended the Agreement with Amendment 01 dated November 23, 2009, Amendment 02 dated November 19, 2010 and Amendment 03 dated November 26, 2012; and

WHEREAS, Seller and Buyer have agreed, in Amendment 3, to extend the term of the Agreement to December 31, 2017,

NOW, THEREFORE, in consideration of the mutual covenants herein, the parties agree as follows:

1. Seller agrees to extend the prices set forth in Amendment 2 for 100G ERTs [REDACTED] for residential units and [REDACTED] for commercial units) until December 31, 2017 provided that Buyer purchases a minimum of [REDACTED] additional units before expiration of the extended term.
2. Seller agrees to work in conjunction with Buyer to ensure that ERTs are available to meet Buyer's delivery requirements as stated on any accepted Release. Seller will have a sales planner working directly with the Buyer to ensure that meter deliveries are planned to match project requirements.

The provisions of the Agreement not specifically addressed herein shall remain in full force and effect as they appear in the Agreement.

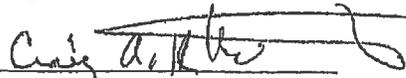
IN WITNESS WHEREOF, the authorized representatives of the parties hereby execute this Amendment to the Agreement.

NISOURCE CORPORATE SERVICES
COMPANY

ITRON, INC.



Authorized Representative



Authorized Representative

President & CEO

Title

CRAIG A. HITESHEW
Vice President - Finance
Itron, Inc.

Title

12/14/12

Date

11/30/12

Date

AMENDMENT NUMBER 03
TO
NISOURCE CORPORATE SERVICES COMPANY
MATERIALS AND EQUIPMENT AGREEMENT
No. R12NI-003

~~This Amendment Number 03 ("Amendment") is entered into by and between Itron, Inc. ("Seller") and NiSource Corporate Services Company ("Buyer").~~

WHEREAS, Seller and Buyer entered into a Materials and Equipment Agreement, effective February 24, 2009 to February 23, 2014 ("Agreement") for the purchase of various types of automated meter reading (AMR) units and amended the Agreement with Amendment 01 dated November 23, 2009 and Amendment 02 dated November 19, 2010; and

WHEREAS, Seller and Buyer desire to further amend the Agreement with respect to additional purchases and deliveries of AMR units to Buyer for use in its NIPSCO affiliate's AMR Project ("NIPSCO AMR Project").

NOW, THEREFORE, in consideration of the mutual covenants herein, the parties agree as follows:

1. Seller and Buyer wish to extend the term of the Agreement to December 31, 2017.
2. Buyer agrees to purchase Materials for its NIPSCO AMR Project, identified on Exhibit A ("Meters"), attached hereto and incorporated herein, from Itron at the price(s) (reference "Itron Response to AMR meter specifications A1 - rev 9-10-2012.xls") and in the quantities set forth thereon pursuant to the terms of this Agreement. Prices set forth on Exhibit A are: 1) for the NIPSCO AMR Project; 2) valid until December 31, 2017; and 3) contingent upon Buyer purchasing the quantities of Meters set forth on Exhibit A.
3. In addition to the above, Seller is providing a [REDACTED] discount for Meters purchased pursuant to this Amendment that are ordered by and delivered to Buyer prior to December 31, 2012. Buyer must present a Purchase Order for Meters to Seller by November 16, 2012 for this discount to apply.
4. Seller's standard warranty for electric Meters is three years from date of shipment. Except as otherwise set forth in this Section 4, for Meters ordered pursuant to Exhibit A to this Amendment specifically for the NIPSCO AMR Project, Seller will extend the warranty period [REDACTED] from the date of shipment.

For a specific group of Meters being purchased in advance of the project, Seller will extend the warranty period [REDACTED] from the date of shipment. These Meters are listed in Exhibit A and have the following NIPSCO Storage Item Numbers (SINs): 234122, 234123, 234124, 234125, 234126, 234128, 234141, 234145, and 234147. This 58 month warranty is only applicable to these SINs, up to

a maximum ordered quantity [REDACTED] each, and must be ordered and delivered to the Buyer prior to December 31, 2012.

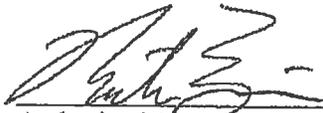
5. Seller agrees to work in conjunction with Buyer to ensure that Meters are available to meet Buyer's delivery requirements as stated on any accepted Release. Seller will have a sales planner working directly with the Buyer to ensure that meter deliveries are planned to match project requirements.

On the Effective Date of this Amendment, Buyer will provide Seller with a Forecast of its intended monthly Meter deliveries through September 2013. Thereafter, monthly Buyer will provide Seller with a rolling twelve (12) month Forecast of its intended monthly Meter deliveries. Buyer shall issue Purchase Orders or Releases with firm commitments for the next ninety (90) days on a monthly basis. In the event that Seller cannot provide meters in accordance with its obligations under the Agreement, Buyer will have the right to procure meters from an alternative source at Buyer's expense until Seller can again meet such obligations. Prior to exercising this option, Buyer will inform Seller in writing of their intention and allow Seller five (5) business days to provide a corrective action plan.

The provisions of the Agreement and Amendments 01 and 02 not specifically addressed herein shall remain in full force and effect.

IN WITNESS WHEREOF, the authorized representatives of the parties hereby execute this Amendment to the Agreement.

NISOURCE CORPORATE SERVICES
COMPANY

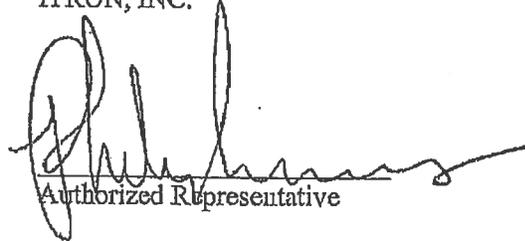


Authorized Representative
MARTIN ZAIN, ON BEHALF OF
MIKE JIMHOFF, UPS SUPPLY CHAIN

Director, Procurement Operations
Title

11/20/12
Date

ITRON, INC.



Authorized Representative

PHILIP C. MEZZY
President and Chief Operating Officer - Energy
Itron, Inc.

Title

29 OCT 12
Date

DELEGATION OF AUTHORITY

I, Michael Imhoff, Vice President, Supply Chain, Real Estate and Facility Management of NISource Corporate Services, do hereby appoint Martin Zain, (hereinafter referred to as "Delegate"), Director of Procurement Operations of NISource Corporate Services Company, as my agent and delegate, effective for the period beginning July 17, 2012 and ending on January 17, 2013, for purposes of approving all vouchers up to \$350,000 and other transactions requiring my approval during this period.

This Delegation of Authority shall continue until the earlier of the date a) expressly stated in this delegation of authority, b) the Company expressly revokes this delegation, c) a successor is appointed, or d) the Delegate is no longer an employee of the Company in the position identified above.

This Delegation of Authority is hereby authorized on

7/9/2012

By:



**AMENDMENT 2
TO
NISOURCE CORPORATE SERVICES COMPANY
MATERIALS AND EQUIPMENT AGREEMENT
No. R12NI-003**

This Amendment Number 02 ("Amendment") is entered into by and between Itron, Inc. ("Seller") and NiSource Corporate Services Company ("Buyer").

WHEREAS, Seller and Buyer entered into a Materials and Equipment Agreement, effective February 24, 2009 to February 23, 2014 ("Agreement") for the purchase of various types of automated meter reading (AMR) units and amended the Agreement with Amendment 01 dated November 23, 2009 to provide for the purchase of up to three hundred sixty thousand (360,000) AMR units under said Agreement by Buyer's Affiliate, Columbia Gas of Ohio, from Seller for the time period December 01, 2009 through December 31, 2010.

NOW, THEREFORE, in consideration of the mutual covenants herein, the parties agree as follows:

1. Seller and Buyer wish to extend the term of the Agreement to December 31, 2015.
2. Buyer wishes to change the product purchased from the 40GB to the 100G for the ERTS shipped to Columbia Gas of Ohio after December 1, 2010 for a per unit price [REDACTED]
3. Seller and Buyer wish to set forth the unit price of [REDACTED] for up to [REDACTED] additional 100G residential ERTs being purchased by Seller's affiliates; NIPSCO, Columbia Gas of PA, Columbia Gas of KY, Columbia Gas of VA, and the ERTs shipped to other locations to be purchased over the next five years.

The provisions of the Agreement not specifically addressed herein shall remain in full force and effect as they appear in the Agreement.

NISOURCE CORPORATE SERVICES COMPANY

Signature: 

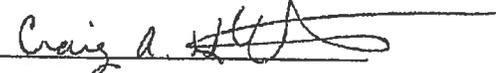
Name: Michael Imhoff

(print or type)

Title: VP, Supply Chain

Date Signed: 11/19/10

SELLER:

Signature: 

Name: CRAIG A. HITESHEW

(print or type)

Title: Vice President - Finance
Itron North America

Date Signed: 11/16/10



Electric / Gas / Water
 Information collection, analysis and application

2111 N. Moller Rd.
 Liberty Lake, WA 99019
 fax: 866-787-8910
www.itron.com

Pricing Summary for

NiSource

October 28, 2010
 BMR# 8483-10 Ver1 Oct

| Item | Part Number | Description | Qty | Unit Price | Extended Price | Notes |
|------------------|--------------|---|------------|------------|----------------|-------|
| Endpoints | | | | | | |
| 1 | ERG-9000-300 | 100G Datalogging Residential Gas Module | [REDACTED] | [REDACTED] | [REDACTED] | (1,3) |
| 2 | ERG-5002-XXX | 100G Datalogging Commercial/Remote Gas Module | TBD | [REDACTED] | TBD | (3) |
| | | Total | | | [REDACTED] | |

Notes and Assumptions

- (1) The [REDACTED] 100G Gas modules quoted above, which are an additional quantity to the current contract agreement, are for NIPSCO, Columbia Gas of PA, Columbia Gas of KY, Columbia Gas of VA, and other locations to be purchased over the next five years.
- (2) Taxes and freight are not included. Prices are in US dollars. Prices are valid until December 31, 2015.
- (3) Residential 100G Gas Modules are packaged and sold in quantities of [REDACTED]. Commercial Gas Modules are sold in quantities of [REDACTED].
- (4) A surcharge of [REDACTED] will apply for ordering endpoints in less than box quantities.

AMENDMENT NUMBER 01
TO
NISOURCE CORPORATE SERVICES COMPANY
MATERIALS AND EQUIPMENT AGREEMENT
No. R12NI-003

This Amendment Number 01 ("Amendment") is entered into by and between Itron, Inc. ("Seller") and NiSource Corporate Services Company ("Buyer").

WHEREAS, the parties entered into a Materials and Equipment Agreement, effective February 24, 2009 to February 23, 2014 ("Agreement") for the purchase of various types of automated meter reading (AMR) units; and

WHEREAS, the parties agree to amend the Agreement to provide for the purchase of up to three hundred sixty thousand (360,000) AMR units under said agreement by Buyer's Affiliate, Columbia Gas of Ohio, from Seller for the time period December 01, 2009 through December 31, 2010 with payment terms described below.

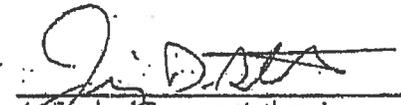
NOW, THEREFORE, in consideration of the mutual covenants herein, the parties agree as follows:

1. The Effective Date of this Amendment Number 01 shall be December 01, 2009.
2. The Term of Amendment Number 01 is from December 1, 2009 through December 31, 2010.
3. During the term of this Amendment Buyer's affiliate, Columbia Gas of Ohio, agrees to purchase up to three hundred and sixty thousand (360,000) AMR units of the type specified by Columbia Gas of Ohio.
4. Columbia Gas of Ohio agrees to pay Seller [REDACTED] Columbia Gas of Ohio, agrees to make an initial payment to Seller in the amount of [REDACTED] by January 31, 2010. Columbia Gas of Ohio agrees to pay Seller the balance of [REDACTED] January, 31, 2011. Itron will issue invoices on January 1, 2010 and December 31, 2010, respectively. If actual amounts owed to Seller are greater than set forth in this Section 4, Seller shall invoice Columbia Gas of Ohio the difference in accordance with the Agreement.
5. Seller hereby agrees to deliver 60,000 AMR units by December 31, 2009, with the balance of 300,000 units to be delivered as requested by Buyer over the Term of the Amendment.

The provisions of the Agreement not specifically addressed herein shall remain in full force and effect as they appear in the Agreement.

IN WITNESS WHEREOF, the authorized representatives of the parties hereby execute this Amendment to the Agreement.

NISOURCE CORPORATE SERVICES
COMPANY



Authorized Representative

Executive VP & Group CEO
Title

11/23/09
Date

ITRON, INC.



Authorized Representative

DAVID G. ARKLEY
Chief Financial Officer
Itron North America

Title

11/19/09
Date

**NISOURCE CORPORATE SERVICES COMPANY
MATERIALS AND EQUIPMENT AGREEMENT
No. R12NI-003**

BUYER:
NiSource Corporate Services Company
and its entities and/or respective Affiliates
801 East 86th Avenue
Merrillville, IN 46410

SELLER:
Itron, Inc.
2111 North Molter Road
Liberty Lake, WA 99019

EFFECTIVE DATE: February 24, 2009

TERM: The term of this Materials and Equipment Agreement and the attached General Terms and Conditions (collectively hereinafter the "Agreement") shall be from the Effective Date of February 24, 2009 to February 23, 2014, unless terminated earlier as provided herein.

This Agreement governs the purchase of Material by or on behalf of Buyer (defined below) as described in any attached Exhibits (Pricing Summaries), separate Purchase Orders, Project Authorizations, Service Authorizations, Work Authorizations individually referred to herein as "Purchase Orders" and is effective as of the date provided above between NiSource Corporate Services Company ("Buyer") and the seller ("Seller") identified above and as further identified in Article 1. Any references to Buyer shall include those entities, including any purchasing agent, and/or respective Affiliates that have authority to issue Purchase Orders under this Agreement for the purchase of Material and Equipment.

Unless such terms and conditions are expressly excluded by the applicable Purchase Order executed by an Authorized Representative of Buyer and Seller, this Agreement establishes the terms and conditions under which Buyer may purchase goods, equipment, or materials ("Material") from Seller, which purchases shall be evidenced by the delivery by Buyer to Seller of Purchase Orders. Seller's standard terms and conditions and any other commercial terms and conditions shown on any proposal or on any other document submitted by Seller to Buyer are void, unless specifically accepted in writing by an Authorized Representative of Buyer. Any preprinted standard terms and conditions on or referenced in Buyer's Purchase Order are not applicable whenever such a Purchase Order is issued pursuant to this Agreement.

This is not a requirements contract. Buyer reserves the right to purchase the same or similar Material from third parties. Seller's full compensation ("Contract Sum") for the Material shall be based on pricing agreed to and specified in the Purchase Order. Seller shall Supply the Material in conformance with the schedule requirements stated in the Purchase Order.

Seller shall not hold, nor attempt to hold, Buyer or any Affiliate liable for the acts, omissions, or breaches of any other Affiliate. No breach or default of this Agreement by an Affiliate shall constitute a breach or default of this Agreement by another Affiliate. For purposes of determining the rights and obligations of each party hereunder, Seller and each Affiliate shall be considered to have contracts separate and apart from any contract between Seller and any other Affiliate.

The Contract Documents listed in order of precedence, shall consist of the following documents: (a) this Agreement, (b) the Purchase Order(s); and (c) any Schedules. All Contract Documents whether prepared by Seller or others shall be the property of Buyer. Notwithstanding anything in this Agreement to the contrary, if the completion dates of any Purchase Order extend beyond the term of this Agreement, this Agreement shall continue to apply to all such Purchase Orders until the related project is completed to the satisfaction of the Buyer.

NISOURCE CORPORATE SERVICES COMPANY

Signature: 
Martin Zan, Dir. Supply Chain Services on behalf of

Name: Timothy J. Tokish, Jr.
(print or type)

Title: VP, Supply Chain

Date Signed: 5/11/09

SELLER

Signature: 

Name: DAVID G. ARKLEY
Chief Financial Officer

Title: Itron North America
(print or type)

Date Signed: 4/27/09

GENERAL TERMS AND CONDITIONS
FOR THE NISOURCE CORPORATE SERVICES COMPANY
MATERIALS AND EQUIPMENT AGREEMENT

TABLE OF CONTENTS

| | |
|--|----|
| 1. DEFINITIONS..... | 3 |
| 2. MATERIAL PROVISIONS | 4 |
| 3. INSURANCE | 4 |
| 4. INDEMNIFICATION | 5 |
| 5. CHANGE ORDERS | 6 |
| 6. CLAIMS | 6 |
| 7. WARRANTIES AND REMEDIES | 6 |
| 8. CONDITIONS OF PAYMENT..... | 7 |
| 9. RISK OF LOSS/WARRANTY OF TITLE..... | 7 |
| 10. SELLER'S DEFAULT AND BUYER'S REMEDIES..... | 7 |
| 11. TERMINATION..... | 7 |
| 12. NOTICES | 8 |
| 13. DISPUTE RESOLUTION | 8 |
| 14. HAZARDOUS MATERIALS..... | 8 |
| 15. RIGHT TO AUDIT AND INSPECT | 9 |
| 16. UTILIZATION OF SMALL BUSINESS CONCERNS AND SMALL BUSINESS CONCERNS OWNED AND CONTROLLED BY SOCIALLY AND ECONOMICALLY DISADVANTAGED INDIVIDUALS (FOR WORK PERFORMED FOR NORTHERN INDIANA PUBLIC SERVICE COMPANY [NIPSCO]). | 9 |
| 17. NONDISCRIMINATION/EQUAL OPPORTUNITY | 10 |
| 18. DELIVERY, USE, AND RETENTION OF DOCUMENTATION..... | 10 |
| 19. CONFIDENTIAL INFORMATION | 10 |
| 20. TAXES..... | 10 |
| 21. MISCELLANEOUS | 11 |

1. **DEFINITIONS.**

- (a) **"AFFILIATE"** means those direct or indirect subsidiaries of NiSource, Inc. that have authority to issue Purchase Orders.
- (b) **"AUTHORIZED REPRESENTATIVE"** means an individual with the legal authority to bind a party.
- (c) **"BUYER'S DESIGNATED REPRESENTATIVE"** shall mean Buyer's representative who will provide the general administration of this Agreement for the Material orders on behalf of Buyer and shall be Buyer's field representative in all matters related to this Agreement, including keeping Buyer's procurement personnel informed at all times of the adequacy of Seller's performance and progress, except as may be otherwise provided herein. Buyer may, in its sole discretion, change its Designated Representative at any time or from time to time, and shall promptly notify Seller, in writing, of any such change.
- (d) **"CHANGE ORDER"** is a written document in a form acceptable to Buyer signed by Authorized Representatives of the parties authorizing changes to a Material order.
- (e) **"CONFIDENTIAL INFORMATION"** means any and all data, documentation, methods, processes, materials and all other information relating to the past, present and future business of Buyer or Seller and their Affiliates, which is designated in writing by such party as Confidential. Confidential Information also includes all information owned by customers, suppliers or other third parties to whom Buyer or its Affiliates owe an obligation of confidentiality. Confidential Information does not include any information that is publicly available or becomes publicly available through no breach of this Agreement by Buyer or Seller, their Subcontractors or their employees or information that Buyer or Seller can show, by written records, was known to Buyer or Seller prior to the date of this Agreement, independently developed by Buyer or Seller, or lawfully disclosed by a third party.
- (f) **"CONTROVERSY"** is any dispute, which arises under this Agreement.
- (g) **"DEFECTIVE MATERIAL"** is defined as any Material not in conformity with the Contract Documents for the specified Material order.
- (h) **"ENVIRONMENTAL REQUIREMENTS"** means any and all federal, state or local laws or regulations applicable to the Material or the Site at which the Material shall be used and which govern, generally, the handling, release, disposal, or use of any substance which adversely affects or has the potential to affect human health and the environment. Such Environmental Requirements include the following (as amended): Toxic Substances Control Act (TSCA), 15 U.S.C. 2601, *et seq.*, the Federal Water Pollution Control Act, 33 U.S.C. 1251, *et seq.*; the Oil Pollution Act of 1990, 33 U.S.C. 2701, *et seq.*; the Safe Drinking Water Act, 42 U.S.C. 300f, *et seq.*; the Solid Waste Disposal Act, 42 U.S.C. 6901, *et seq.*; the Clean Air Act, 42 U.S.C. 7401, *et seq.*; the Comprehensive Environmental Response, Compensation, and Liability Act, 42 U.S.C. 9601, *et seq.*; the Emergency Planning and Community Right-to-Know Act, 42 U.S.C. 11001, *et seq.*; the Hazardous Materials Transportation Act, 49 U.S.C. 1801, *et seq.*; and state or local laws or regulations of similar content or otherwise pertaining to the environment.
- (i) **"FINAL COMPLETION"** shall mean the date the Material is completely supplied. In the event of a conflict between the date of Final Completion listed in the Purchase Order and the Schedule, the date listed in the Schedule shall govern.
- (j) **"HAZARDOUS MATERIALS"** shall include any materials regulated by Environmental Requirements.
- (k) **"INCLUDING"** shall mean "including, without limitation.
- (l) **"SAFETY AND HEALTH REQUIREMENTS"** shall mean any and all federal, state, or local laws including any safety and health programs required by the Occupational Safety and Health Act and regulations applicable to the Material or the Site at which the Material shall be used and which govern, generally, the safety and health of Seller's, or any of its Subcontractors', employees, agents, or invitees, and Buyer's employees, agents, or invitees. Such Safety and Health Requirements shall include, but are not limited to, the following: the Occupational Safety and Health Act, 29 U.S.C. 651, *et seq.*; the Americans with Disabilities Act, and state or local laws or regulations of similar content, including local building codes or permit requirements.
- (m) **"SCHEDULE,"** means Seller's schedule approved by Buyer to Supply the Material identified in the Purchase Order.
- (n) **"SELLER"** has the meaning set forth on page 1 of this Agreement.
- (o) **"SELLER'S DESIGNATED REPRESENTATIVE"** shall mean Seller's representative who will provide the general administration of this Agreement for the respective Material orders on behalf of Seller and shall be Seller's field representative in all matters relating to this Agreement, except as may be otherwise provided herein. If no Seller's Designated Representative is named in the Purchase Order, the Seller's Designated Representative shall be Seller's representative to whom the Purchase Order is addressed. Seller may change its Designated Representative at any time. However, a fully qualified replacement must be ready to assume responsibility for Seller's Designated Representative and is subject to prior approval of Buyer's Designated Representative, which shall not be unreasonably withheld.

(p) "SEPARATE CONTRACTORS" includes, but is not limited to, contractors hired by Buyer to provide services or deliver goods, equipment, or material in connection to a given Material order.

(q) "SITE" is the location where the Material will be used unless otherwise specified in the Purchase Order, or if no specific Site is identified for the use of the Material, then "Site" means the F.O.B. point specified in the Purchase Order.

(r) "SUBCONTRACTOR" includes, but is not limited to, those sellers, suppliers, and materialmen hired by Seller in connection with a given Material order.

(s) "SUPPLY," "SUPPLIED," "SUPPLYING" or "WORK" shall mean the process of providing all Material required to be provided by Seller under a given Material order, including the manufacture, fabrication, procurement, and delivery of the Material. All obligations of the Seller shall be performed as specified in the Purchase Order including without limitation, engineering, design, fabrication, construction, installation, testing, technical assistance, delivery of material and documentation.

(t) "WASTE MATERIALS" shall mean any and all materials that are generated by the Material or necessary to Supply the Material, which are intended to be discarded. Waste Materials shall include recyclables and other salvageable material.

2. MATERIAL PROVISIONS.

(a) Material Provided. Seller shall Supply the Material in accordance with: (i) the best practices within the industry prevailing at the time the Purchase Order is issued; (ii) all applicable codes and laws; and (iii) the terms of the Contract Documents for a given Material order. Subject to Section 21(i), Seller agrees that time is of the essence in the Supplying of Material.

(b) Licenses, Permits, and Authorizations. Seller represents that it is fully licensed and authorized to Supply the Material in each jurisdiction where Material will be supplied. Seller agrees to obtain and pay for all permits and approvals necessary or appropriate to Supply the Material in compliance with applicable governmental requirements; except for those permits Buyer is specifically required to obtain by virtue of the terms of this Agreement or by applicable governmental requirements. Seller shall timely tender to Buyer copies of all governmental notices received relating to the Material.

(c) No Additional Work. This Agreement shall not create for Seller any rights for any additional Material orders beyond the Supplying of Material set forth in the Purchase Order. Seller shall not perform any additional work without written authorization from Buyer.

3. INSURANCE.

(a) General Insurance Requirements. Seller shall procure and maintain in effect during the term of this Agreement, and for a period of three years thereafter, the following insurance coverages, which insurance shall be placed with insurance companies rated A minus VII or better by Best's Key Rating Guide. Prior to the commencement of supplying any Material, Seller shall furnish certified copies of all insurance policies intended to meet the requirements of this Article. Properly executed Certificates of Insurance, including the required amendatory riders and endorsements, may be substituted for certified copies of insurance policies provided that such certificates confirm compliance with the terms of this Agreement. An authorized representative of the insurance company shall execute the foregoing.

(b) Insurance Required For All Projects:

- (i) Worker's Compensation: statutory benefits and limits. Insurance shall include Broad Form All States and Voluntary Compensation Endorsements and Employer's Liability Insurance with limits of not less than \$1,000,000 per accident, \$1,000,000 per disease and a \$1,000,000 policy limit on disease. If coverage is obtained from a state fund (such as Ohio or West Virginia), Seller will purchase "Stop Gap" coverage, with minimum limits of \$1,000,000 per occurrence, from a commercial insurer meeting the requirements of this Article.
- (ii) Comprehensive Automobile Liability Insurance: \$1,000,000 combined single limit per occurrence for bodily injury and property damage shall be in Seller's name and shall include owned, non-owned, leased and hired vehicle coverage.
- (iii) Commercial General Liability (CGL): \$2,000,000 bodily injury and property damage combined single limit per occurrence; \$2,000,000 personal injury/advertising injury; \$2,000,000 products/completed operations aggregate; and \$2,000,000 general aggregate per project. Insurance shall be on an occurrence basis, in Seller's name, and shall include: Bodily Injury, Personal Injury, Explosion, Collapse and Underground Damage Liability Endorsement (commonly called XC and U Hazards), products/completed operations which shall be maintained for one year after final payment for the given Material order, and blanket contractual coverage including Seller's indemnity obligations and Broad Form Property Damage coverage with bodily injury and property damage of combined single limits of not less than those stated above per occurrence.

(iv) Excess or Umbrella Liability Insurance: Seller shall provide excess or umbrella liability insurance with a combined single limit of not less than \$3,000,000 per occurrence and project or per location aggregate. These limits apply in excess of the insurance coverages required for given Material orders.

(c) Additional Insureds. Except for Worker's Compensation and Employer's Liability Insurance, Seller agrees, with respect to all insurance provided or required in connection with this Agreement as specified below, to endorse or require each policy to: (i) stipulate that such insurance is primary and is not additional to, or contributing with, any other insurance carried by, or for the benefit of Buyer (also referred to in this Agreement as "Additional Insured"); (ii) waive any and all rights of subrogation against Additional Insured; (iii) for the insurance described in Section 3(b)(iii), name Additional Insured as an additional insured using the following wording on the policy and any Certificate of Insurance: "It is agreed that the 'Persons Insured' provision of this policy is amended to include Buyer as additional insured, jointly and severally (collectively, "Additional Insured"), with respect to any coverage such as is afforded by this policy, but only with respect to operations by, or on behalf of, or to facilities of, used by, or for, the Named Insured. It is further agreed that this insurance shall not be prejudiced as to the Additional Insured by any act or negligence, error, or omission of the Named Insured as respects payment of premium, reporting of claims, or any other duties required of the Named Insured by the policy;" and, (iv) for the insurance described in Sections 3(b) (iii), contain a cross liability/severability of interest endorsement.

(d) Failure to Pay Premiums. If Seller's insurance is canceled because Seller failed to pay its premiums or any part thereof, or if Seller fails to provide and maintain certificates as set forth herein, Buyer shall have the right, but shall not be obligated, to pay such premium to the insurance company or to obtain such coverage from other companies and to deduct such payment from any sums that may be due or become due to Seller, or to seek reimbursement for said payments from Seller, which sums shall be due and payable immediately upon receipt by Seller of notice from Buyer.

(e) Waiver of Rights. Seller waives all rights against Buyer and its agents, officers, directors and employees for recovery of damages to the extent these damages are covered by the automobile liability, commercial general liability, or umbrella liability insurance obtained by Seller.

4. INDEMNIFICATION.

(a) To the fullest extent permitted by law, Seller agrees to indemnify, defend and hold harmless Buyer and its parent company, agents, Affiliates, directors, officers and employees (collectively, "Indemnitees") from and against all third party claims for (i) death of or bodily injury to a Buyer employee or third party that is caused by the negligence or intentional misconduct of Seller or its agents or (ii) physical damage to tangible personal property owned by Buyer or a third party that is caused by the negligence or intentional misconduct of Seller or its agents, and will pay costs and damages, losses, fines, penalties and expenses, including attorneys' fees awarded against Buyer (or settled) in any such action that are specifically attributable to Seller's negligence or intentional torts. Such obligation shall not negate, abridge, or otherwise reduce any other right or obligation of indemnity or contribution existing in favor of the Indemnitees. Such obligation to indemnify, defend and hold harmless for damages awarded against an Indemnitee in an action covered by this provision shall not be limited in any way by any limitation on the amount or type of damages, compensation, benefits or insurance proceeds payable by, for or to Seller or anyone directly or indirectly employed by Seller.

(b) To the fullest extent permitted by law, Seller expressly (i) waives the benefit, for itself and all Subcontractors, insofar as the indemnification, defense and hold harmless obligations of Indemnitees are concerned, of the provisions of any applicable worker's compensation law limiting the tort or other liability of any employer on account of injuries to the employer's employees, and (ii) assumes liability in accordance with this Article.

(c) Seller agrees in Supplying of Material under this Agreement that it shall be in compliance with all applicable federal, state, and local environmental and safety laws, regulations, and ordinances, including the Occupational Safety and Health Act and applicable regulations. To the fullest extent permitted by law, Seller agrees to indemnify, defend and hold harmless Indemnitees from any claims made or asserted against same arising out of or related to Work and alleging a failure to comply with any such environmental requirements, including any and all judgments, monetary penalties or fines directed against Indemnitees as a result of Seller's performance of the Work, including reasonable attorney's fees and expenses incurred by Indemnitees in any litigation or regulatory action arising out of such Work.

(d) Seller shall pay all royalties and license fees, if any, that may be payable on account of Seller Supplying or use of any of the Material. Seller agrees to indemnify, defend and hold Indemnitees harmless from any third party claims arising from or based on (in whole or in part) an allegation that the Material or any deliverable provided by Seller or Indemnitees' use thereof or the Seller's Supplying of Material infringes any U.S. patent, trade secret, trademark, copyright, or other intellectual property or proprietary right of any third party. Seller's infringement indemnity obligations with respect to Material, if any, under this Section are conditioned on Buyer's agreement that if the applicable Material becomes, or in Seller's opinion is likely to become, the subject of such a claim, Buyer will permit Seller, at Seller's option and expense, either to procure the right for Buyer to continue using the affected Material or to replace or modify the same so that it becomes non-infringing. Such replacements or modifications will be functionally equivalent to the replaced Material. If the foregoing alternatives are not available on terms that are reasonable in Seller's

judgment, Seller shall have the right to require Buyer to cease using the affected Material in which case Seller will refund to Buyer the book value of the affected Material.

(e) As a condition to Seller's indemnity obligations under this Agreement, including any indemnitee obligation referenced in this Section 4, Buyer will provide Seller with prompt written notice of the claim, permit Seller to control the defense, settlement, adjustment or compromise of the claim and provide Seller with reasonable assistance in connection with such defense. Customer may employ counsel at its own expense to assist it with respect to any such claim; provided, however, that if such counsel is necessary because of a conflict of interest of either Itron or its counsel or because Itron does not assume control, Itron will bear the expense of such counsel.

(f) Seller's obligations set forth in paragraphs (c), (d) and (e) above are in addition to, and in no way shall be construed as a limitation of, Seller's obligations set forth in paragraph (a) above.

(g) THIS SECTION CONSTITUTES SELLER'S SOLE AND EXCLUSIVE OBLIGATION WITH RESPECT TO THIRD PARTY CLAIMS BROUGHT AGAINST BUYER. Seller's obligations under this Article shall survive any termination of the Agreement, the Supplying of Material, or any Purchase Order.

5. CHANGE ORDERS.

There shall be no changes or modifications to the Supplying of Material until a properly executed Change Order has been accepted by Seller. This Agreement shall govern the non-price terms and conditions of any Change Order or Purchase Order accepted by Supplier subsequent to the execution of this Agreement.

6. CLAIMS.

If Seller has any claim against Buyer, excluding claims for payment relating to Change Orders, notice of each such claim shall be submitted in writing to Buyer as soon as practicable after Seller becomes aware of the occurrence of the event-giving rise to the claim. If the Seller disputes Buyer's decision on Seller's properly filed claims, then Seller may invoke the Dispute Resolution procedures of this Agreement.

7. WARRANTIES AND REMEDIES.

(a) Unless otherwise specified, Seller hereby warrants and guarantees for one year from the date of shipment to Buyer ("Warranty Period"), that all Material, including meters, will be (i) free from defects in workmanship and materials; (ii) Supplied in accordance with the best practices within the industry prevailing at the time of the Agreement or the Purchase Order, whichever is later; (iii) Supplied in compliance with all applicable federal, state and local laws, ordinances, and regulations, including all Environmental Requirements Occupational Safety and Health Requirements, 29 CFR part 470 (the Beck Notice) and all applicable judicial decrees or voluntary remediation agreements; and (iv) Supplied and fully-tested in conformance with the Contract Documents for the given Material order.

In addition, Seller warrants that eighty five percent (85%) or more of the METRIS Meters shipped to Buyer during any calendar year will maintain set point calibration that is within two percent of their original factory set point calibration (open and check) ("Calibration Warranty"). The foregoing Calibration Warranty is valid until the earlier of (i) 15 years from shipment to Buyer of the METRIS Meter for which warranty coverage is sought, (ii) the measurement of more than one million cubic feet of gas measured by such meter, or (iii) until such meter is replaced by Buyer in connection with a periodic meter change-out. Supplier reserves the right to request Buyer to provide evidence of a meter's service history to verify that the Calibration Warranty is applicable.

(b) Seller warrants and agrees to repair or replace any Defective Material determined to be defective during the Warranty Period. All direct costs and expenses reasonably associated with transportation costs of returning repaired Material to Buyer, shall be paid by Seller, and Buyer may charge Seller all expenses of reshipping any rejected Defective Material, provided that Buyer observes Seller's reasonable return materials procedures. The provision of this section 7 (b) shall not act as a time limitation on the obligations of Seller in Section 7(a). If Seller, in its reasonable discretion, determines that it is unable to repair or replace Defective Material within a commercially reasonable period of time, Seller will refund to Buyer the dollar amounts paid for such Defective Material.

(c) Seller shall not be liable for any damage of any kind arising from the use of Seller's meters with erosive or corrosive liquids or gases (natural gas and propane are not erosive or corrosive liquids). Recommendations as to material, if any, are not to be considered a warranty against wear or decomposition and are subject at all times to verification and acceptance by Buyer. The warranty set forth in this Article 7 shall not apply to (i) metering equipment or parts, which were repaired by any party other than Seller or its affiliates, (ii) any meter which has been operated in excess of its rated badge capacity or (iii) meters installed in curb vaults, pits or other types of non-conventional installations. The warranty set forth in this Article 7 shall be null and void after any device, other than one manufactured by Seller or any affiliate thereof, is installed on or in connection with a meter that Seller can reasonably demonstrate adversely impacts, affects or otherwise impairs a meter or a meter's performance and operation. This warranty excludes from coverage paint and non-U.V. protected index boxes. The warranty provided herein does not cover damage due to external causes, including accident, abuse, misuse, inadequate maintenance, problems with electrical power, acts of God;

service (including installation or de-installation) not performed or authorized by Itron; usage not in accordance with product instructions or in a configuration not approved by Itron; normal wear and tear; and problems caused by use of parts and components not supplied by Itron. The warranty provided herein shall be void if the Itron Equipment is modified in a way not authorized in writing by Itron. This warranty does not cover equipment that is not manufactured by Itron. Any warranty for such equipment will be between Customer and the third party manufacturer.

(d) EXCEPT AS EXPRESSLY SET FORTH IN THIS AGREEMENT, SUPPLIER DISCLAIMS ALL EXPRESS OR IMPLIED WARRANTIES, CONDITIONS OR REPRESENTATIONS INCLUDING, WITHOUT LIMITATION, (I) IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, (II) WARRANTIES OF TITLE AND AGAINST INFRINGEMENT AND (III) WARRANTIES ARISING FROM A COURSE OF DEALING, USAGE OR TRADE PRACTICE. TO THE EXTENT ANY IMPLIED WARRANTY CANNOT BE EXCLUDED, SUCH WARRANTY IS LIMITED IN DURATION TO THE EXPRESS WARRANTY PERIOD.

8. CONDITIONS OF PAYMENT.

(a) Invoices. Unless otherwise agreed to by the Parties, Seller shall individually invoice Buyer for Material upon shipment. Buyer shall pay Seller an amount equal to the undisputed value of the Material within thirty days of the date of Seller's invoice. In the event of dispute with Buyer concerning payment, Seller shall continue to perform the Work diligently, provided that Buyer shall pay amounts not in dispute and the amount in dispute or a series of disputes does not exceed Twenty-Five Thousand Dollars (\$25,000.00). Undisputed invoices and undisputed portions of invoices shall be paid by Owner within thirty (30) days from the date of receipt of such invoices. For invoices not paid within 30 days of the invoice date, in addition to other remedies to which Supplier may be entitled, Supplier may charge Buyer a late fee of one percent per month applied against undisputed overdue amounts.

(b) Right to Setoff. Buyer may setoff against any amount payable under the Agreement or a Purchase Order any and all present and future indebtedness of Seller to Buyer that is either conceded by Seller or finally awarded to Buyer whether or not related to the Material Supplied pursuant to this Agreement or a Purchase Order.

9. RISK OF LOSS/WARRANTY OF TITLE.

Unless otherwise agreed by the Parties, Seller will make arrangements with its carrier to deliver Material to Buyer's location at Buyer's expense. Title to the Equipment and risk of loss shall pass to Buyer upon delivery. Seller warrants that the Material at the time title passes to Buyer will be free and clear of all security interests, liens and encumbrances, or claims of any party.

10. SELLER'S DEFAULT AND BUYER'S REMEDIES.

If Seller breaches any term of this Agreement or a Purchase Order and such breach remains uncured to the reasonable satisfaction of Buyer for more than thirty (30) days following Seller's receipt of written notice, or if Seller makes a general assignment for the benefit of creditors, or if a receiver is appointed for Seller, Seller shall be in default of this Agreement. Upon Seller's default, Buyer, without limiting or waiving any other rights which Buyer may have at law or equity, may immediately do any or all of the following: (a) in the case of Seller as the defaulting party, withhold from Seller payments equal to one hundred percent (100%) of the amount Buyer estimates it has been damaged or will be damaged by Seller's default, provided that if a good faith dispute exists as to whether Seller has defaulted, Seller may decline to deliver any additional Material in the event of such non-payment pending the resolution of such dispute; or, (b) in the case of Seller as the defaulting party, seek from Seller monetary damages in excess of any unpaid Contract Sum for the Material Supplied to compensate Buyer for damages it sustained from Seller's default (it being understood that the remedies set forth in Section 7(b) constitute Buyer's sole remedy for a breach of any warranty related to the Material). The prevailing party shall be entitled to collect its reasonable attorneys' fees and costs, including expert and consulting fees, incurred in the successful enforcement of any term of this Agreement, including, without limitation, participation in any settlement discussions, alternative dispute resolution processes or litigation.

11. TERMINATION.

(a) Termination for Convenience. Buyer may on at least sixty days prior written notice terminate the Agreement and any Purchase Order thereunder for Buyer's convenience. In the event of such termination, Buyer shall pay Seller for that portion of the Material that has been completed under the terminated Purchase Order to date less any back charges resulting from Seller's breaches of this Agreement or billing disputes and less any payments already made by Buyer for the Material and Buyer shall be obligated to purchase and Supplier shall be obligated to provide any product or service that is the subject of an unfulfilled order accepted by Supplier prior to the time of any such termination.

(b) In the event that a party breaches a provision hereof and such breach goes uncured to the reasonable satisfaction of the non-breaching party for more than thirty (30) days following receipt of written notice of such breach from the non-breaching party, then the non-breaching party may terminate this Agreement and any Purchase Orders issued hereunder by providing a notice of termination to the breaching party.

(c) Cessation of Services upon Termination. Upon receipt of notice of termination of Seller by Buyer for any reason as set forth in this Article, Seller shall promptly cease supplying all Material for Buyer under the affected Purchase Order and inform Buyer in writing of the status of the Material within seven days after the termination. Any notice of termination shall only affect the

parties named in such notice and shall not affect the Seller's contract with any Affiliate to the extent they are not specifically included in such notice of termination.

(d) **Suspension of Supplying Material.** Upon written notice to Seller, Buyer may order that Seller suspend all or any part of the Supplying of Material provided under the Contract Documents. Buyer shall pay Seller all monies otherwise due hereunder to the date of the suspension plus all identifiable expenses directly related to such suspension.

(e) **No Overhead Costs or Profits.** Whether Buyer terminates Seller or suspends Seller's Supplying of Material, in no event shall Buyer be responsible for termination expenses, for overhead costs associated with Material not Supplied by Seller, for any profits Seller would have earned if it had Supplied the Material, or for any special, consequential, incidental, or indirect damages.

12. NOTICES.

Any notices required by this Agreement or by law shall be in writing and addressed to: (i) in the case of Buyer, the Vice President, Supply Chain at the address for Buyer set forth on the first page hereof; and (ii) in the case of Seller, the authorized officer at the address for Seller set forth on the first page hereof, as well as any parties identified for notice purposes in any pertinent Purchase Order, and shall be properly served when sent via overnight mail, certified mail, postage prepaid return receipt requested, or when received by facsimile at the facsimile number set forth in this Agreement or Purchase Order. Notices shall be effective upon receipt or refusal to accept. Either party may change its address for the purpose of this Agreement by giving written notice of such change to the other party in the manner provided in this Article 12.

13. DISPUTE RESOLUTION.

(a) **Step Negotiations.** The parties shall attempt in good faith to resolve all Controversies promptly by negotiation, as follows. Any party may give the other party written notice of any Controversy not resolved in the normal course of business. Executives of both parties at levels at least one level above the project personnel who have previously been involved in the Controversy (the "Executives") shall meet at a mutually acceptable time and place within ten days after delivery of such notice, and thereafter as often as they reasonably deem necessary, to exchange relevant information and to attempt to resolve the Controversy. If the matter has not been resolved within thirty days from the referral of the Controversy to Executives, or if no meeting of Executives has taken place within fifteen days after such referral, either party may initiate mediation as provided hereinafter. If a negotiator intends to be accompanied at a meeting by an attorney, the other negotiator shall be given at least three working days notice of such intention and may also be accompanied by an attorney. All negotiations pursuant to this Article 13 are confidential and shall be treated as compromise and settlement negotiations for purposes of the Federal Rules of Evidence and state rules of evidence. Nothing contained herein shall limit Buyer's rights and remedies as otherwise set forth in this Agreement.

(b) **Mediation and Arbitration.** In the event that any Controversy arising out of or relating to this Agreement is not resolved in accordance with the procedures provided above, such Controversy shall be submitted to mediation to mutually agreeable mediators from the American Arbitration Association. The mediation shall be administered at the location agreed to by the parties. If the mediation process has not resolved the Controversy within thirty days of the submission of the matter to mediation, or such longer period as the parties may agree to, the mediation process shall cease. Provided, that the mediation process has not resolved the Controversy within thirty days of the submission of the matter to mediation or a longer time if agreed to by the parties, all Controversies will be decided by arbitration by the American Arbitration Association or by a mutually agreed upon arbitrator. The arbitration shall be administered at the location agreed to by the parties and be conducted in accordance with the American Arbitration Association Construction Industry Arbitration Rules then applicable, or a mutually agreed upon set of arbitration rules. This agreement to arbitrate, and any other agreement or consent to arbitrate entered into in accordance herewith, will be specifically enforceable under the prevailing arbitration law of any court having jurisdiction. Notice of demand for arbitration must be filed in writing with the other parties to this Agreement and with the dispute resolution tribunal. The demand must be made within a reasonable time after the Controversy has arisen. In no event may the demand for arbitration be made after institution of legal or equitable proceedings based on such Controversy would be barred by the applicable statute of limitations. The arbitration award shall be specifically enforceable in any court of competent jurisdiction. No arbitration, arising out of or relating to this Agreement or to a Purchaser Order issued hereunder, shall include, by consolidation, joinder or in any other manner, any additional person not a party to this Agreement, except as provided herein or by written consent containing a specific reference to this Agreement and signed by Seller and Buyer and any other person sought to be joined. Any consent to arbitration involving an additional person or persons shall not constitute consent to arbitration of any Controversy not described herein.

14. HAZARDOUS MATERIALS.

Use of Hazardous Materials. Seller shall not Supply any Material in which it uses or incorporates, in whole or in part, any Hazardous Materials in violation of any Environmental Requirements, or in such a manner as to leave any Hazardous Materials which could be hazardous to persons or property or cause liability to Buyer. Seller shall upon discovery of an existing or suspected release on or at the Site, cease Supplying Material in that area, immediately contact the Buyer's Designated Representative and Environmental Health & Safety On-site Coordinator and notify Buyer in writing. If the release is subject to reporting pursuant to any Environmental Requirements, Seller shall report the release to governmental authorities, or ensure that Buyer's Designated Representative reports the release to governmental authorities. Seller shall continue Supplying Material at the Site in the areas unaffected by the release unless otherwise advised by Buyer. Upon receiving Buyer's prior written approval, Seller shall remove and

properly dispose of all Hazardous Materials and Waste Materials in compliance with all applicable federal, state, and local requirements governing such Hazardous Materials and removal, transportation, and disposal thereof. Upon request, Seller shall provide Buyer with a copy of any licenses, permits, or manifests used in connection with the disposal of any Hazardous Materials or Waste Materials. In the event Seller or its Subcontractors transport Waste Materials to an off-site facility (or facilities) for treatment and/or disposal, Seller or its Subcontractor shall ensure that such facility is in compliance with all Environmental Requirements. Seller shall notify Buyer in writing upon receipt of any material at the Site requiring Material Safety Data Sheets (MSDS), and Seller shall promptly provide the MSDS; furthermore, Seller shall remove all unused materials and non-Buyer waste products from the project Site upon completion of the Work and properly dispose of all such waste products.

15. **RIGHT TO AUDIT AND INSPECT.**

Buyer's representatives shall have, during the term of the Agreement and any Purchase Order which survives the term of this Agreement and for two years thereafter, access at all reasonable times, and upon twenty-four hours notice, to all of Seller's and its Subcontractors' accounts and records of all description pertaining to any amounts invoiced to Buyer at Seller's invoiced actual cost. Payment or payments shall not be deemed a waiver of any rights of Buyer to audit or to have adjustments made. Buyer shall have the right, but not the obligation, at all reasonable times to inspect the Material wherever located. Such inspection by the Buyer shall in no way relieve Seller from its obligations under the Agreement or any Purchase Order issued under the Agreement.

16. **SMALL BUSINESS CONCERNS (FOR WORK PERFORMED FOR NORTHERN INDIANA PUBLIC SERVICE COMPANY [NIPSCO]).**

(a) It is the policy of the United States that small business concerns, small business concerns owned and controlled by veterans, qualified HUBZone small business concerns, small business concerns owned and controlled by socially and economically disadvantaged individuals, and small business concerns owned and controlled by women shall have the maximum practicable opportunity to participate in the performance of contracts let by any Federal agency, including contracts and subcontracts for subsystems, assemblies, components, and related services for major systems. It is further the policy of the United States that its prime contractors establish procedures to ensure the timely payment of amounts due pursuant to the terms of its subcontracts with small business concerns, small business concerns owned and controlled by veterans, qualified HUBZone small business concerns, small business concerns owned and controlled by socially and economically disadvantaged individuals, and small business concerns owned and controlled by women.

(b) The Seller hereby agrees to carry out this policy in the awarding of subcontracts to the fullest extent consistent with the efficient performance of this Agreement. The Seller further agrees to cooperate in any studies or surveys as may be conducted by the United States Small Business Administration or the awarding agency of the United States as may be necessary to determine the extent of the Seller's compliance with this Article.

(c) As used in this Agreement, the term "small business concern" shall mean a small business as defined pursuant to section 3 of the Small Business Act [15 U.S.C.A. 632] and relevant regulations promulgated pursuant thereto. The term "small business concern owned and controlled by socially and economically disadvantaged individuals" shall mean a small business concern:

- (i) which is at least 51 per centum owned by one or more socially and economically disadvantaged individuals; or, in the case of any publicly owned business, at least 51 per centum of the stock of which is owned by one or more socially and economically disadvantaged individuals; and
 - (ii) whose management and daily business operations are controlled by one or more of such individuals.
- The Seller shall presume that socially and economically disadvantaged individuals include Black Americans, Hispanic Americans, Native Americans, Asian Pacific Americans, and other minorities, or any other individual found to be disadvantaged by the Administration pursuant to section 8(a) of the Small Business Act [15 U.S.C.A. 637(a)].

(d) The term "small business concern owned and controlled by women" shall mean a small business concern:

- (i) which is at least 51 per centum owned by one or more women; or, in the case of any publicly owned business, at least 51 per centum of the stock of which is owned by one or more women; and
- (ii) whose management and daily business operations are controlled by one or more women.

(e) The term "small business concern owned and controlled by veterans" shall mean a small business concern:

- (i) which is at least 51 per centum owned by one or more eligible veterans; or, in the case of any publicly owned business, at least 51 per centum of the stock of which is owned by one or more veterans; and
- (ii) whose management and daily business operations are controlled by such veterans. The Seller shall treat as veterans all individuals who are veterans within the meaning of the term under section 632(q) of this title.

(f) Sellers acting in good faith may rely on written representations by its subcontractors regarding its status as either a small business concern, small business concern owned and controlled by veterans, a small business concern owned and controlled by socially and economically disadvantaged individuals, or a small business concern owned and controlled by women.

(g) In this Agreement, the term "qualified HUBZone small business concern" has the meaning given that term in section 632(p) of this Title.

17. **NONDISCRIMINATION/EQUAL OPPORTUNITY.**

It is Buyer's policy that small business concerns and small business concerns owned and controlled by socially and economically disadvantaged individuals have the maximum practicable opportunity to participate in the performance of contracts let by Buyer. Seller hereby agrees to carry out this policy in the awarding of subcontracts to the fullest extent consistent with the efficient performance of this Agreement. Seller shall, unless exempt, comply with the federal and state regulations pertaining to nondiscrimination and affirmative action

18. **DELIVERY, USE, AND RETENTION OF DOCUMENTATION.**

Seller shall provide Buyer with all information and documentation (which includes drawings, reports, and designs) within Seller's scope of Supply and which is required by Buyer for the operation, or maintenance of the Material. Seller shall promptly provide to Buyer all such information and other materials relating to the Material that Buyer may request in connection with any filing or other submission Buyer is making with any regulatory or other governmental body. Buyer may disclose all such information to such regulatory and other governmental body as required by law. In addition, Seller shall cooperate with Buyer as requested by Buyer with respect to such filings or submissions. Any drawings or submittals required by the Contract Documents to be submitted to Buyer for review shall be submitted by Seller without unreasonable delay. Work related to any Material started prior to written acceptance by Buyer of Seller's drawings or submittals shall be at Seller's risk. All drawings or submittals created by Seller may be used by Buyer in connection with the installation, startup, maintenance, operation, and repair of the Material and may be transferred to any transferee of the Buyer. Review by Buyer shall not relieve Seller from fulfilling all of Seller's obligations under the Contract Documents, including obligations relating to design and detailing. As far as practicable, each drawing or submittal shall bear a cross-reference note referring to the sheet number or numbers of Buyer's drawings showing the same Material.

19. **CONFIDENTIAL INFORMATION.**

(a) During the term of this Agreement and thereafter, except as either party may authorize in writing, each party shall and shall cause its employees and Subcontractors to: (i) treat and cause to be treated as confidential all Confidential Information; (ii) not disclose any Confidential Information to any third party or make available any reports, recommendations, or conclusions based on the Confidential Information to any third party without disclosing party's prior written approval; (iii) reveal the Confidential Information only to those employees of receiving party who require such access in order to Supply the Material hereunder; (iv) if requested by either party, grant access to Confidential Information only to employees of receiving party or Subcontractor who have signed a confidentiality agreement; (v) use Confidential Information only in connection with the Supplying of Material pursuant to this Agreement; (vi) make copies of any tangible embodiment of Confidential Information only as necessary for the Supplying of such Material; (vii) remove any tangible embodiment of Confidential Information from the premises of disclosing party only with the express permission of disclosing party and (viii) return any or all tangible embodiments of Confidential Information to disclosing party promptly following the request of disclosing party, and in any event upon completion of Supplying Material pursuant to the Agreement. Receiving party may disclose all such information to such regulatory and other governmental body as required by law.

(b) **Irreparable Harm.** Buyer and Seller acknowledge that the breach of any of the covenants contained in this Article will result in irreparable harm and continuing damages to the disclosing party and its business, and that the disclosing party's remedy at law for any such breach or threatened breach would be inadequate. Accordingly, in addition to such remedies as may be available to disclosing party at law or in equity in the event of any such breach, any court of competent jurisdiction may issue an injunction (both preliminary and permanent), without bond, enjoining and restricting the breach or threatened breach of any such covenant, including an injunction restraining receiving party from disclosing, in whole or in part, any Confidential Information.

(c) The obligations of this Article shall survive any termination of this Agreement.

20. **TAXES.**

(a) **Social Security and Other Taxes.** Seller shall keep all records and make all payments required by the Federal Social Security Act and all Social Security, Unemployment Compensation or other laws and regulations of any and all states in which it does business.

(b) **Taxes.**

(i) For Material Supplied to NIPSCO, it is mutually agreed that all applicable federal, state, and local net or gross income or gross receipts taxes, such taxes being the sole liability and obligation of Seller. NIPSCO is exempt from Indiana Sales Tax in the purchase of materials used in the production of electricity. Should any purchases be held by the Indiana Department of Revenue to be subject to the Indiana Sales Tax, NIPSCO will pay any such tax directly to the State of Indiana set forth in NIPSCO's Direct Pay Authority

Sales and Use Tax. Seller shall not include Indiana Sales Tax in its price for Material, provided NIPSCO will provide Seller with a copy of its Tax Exemption Certificate, or Direct Pay Permit upon execution of a Purchase Order.

- (ii) For all other Supplying of Material subject to this Agreement, unless otherwise indicated on the face of the applicable Purchase Order, Seller agrees that all applicable federal, state, and local sales and use tax are not included in the Contract Sum and Buyer shall be obligated to reimburse Seller therefore. Such taxes are the sole liability and obligation of Seller.

21. MISCELLANEOUS.

(a) Buyer's Right to Supply the Material. Buyer reserves the right to immediately stop, or to take over any portion of, Seller's Supplying of the Material if Seller fails to correct Defective Material or fails to Supply Material as required.

(b) Buyer and Seller expressly waive all claims for all consequential, incidental, indirect, punitive, special damages or exemplary damages arising out of or relating to this Agreement or a Purchase Order issued pursuant to this Agreement. This waiver includes but is not limited to damages incurred for losses of use or corruption of data, income, savings or profits including anticipated profits arising directly from the Supplying of Material, financing, business and reputation, loss of management or employee productivity or of the services of such persons, delay, acceleration, extended general conditions, home office overhead, and principal office expenses including the compensation of personnel stationed at the home office, EVEN IF SUPPLIER HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES. SUPPLIER'S PRICING REFLECTS THIS ALLOCATION OF RISKS AND LIMITATION OF LIABILITY. This provision shall survive the termination of the Agreement. THE AGGREGATE LIABILITY OF SUPPLIER AND ITS AFFILIATES AND ITS AND THEIR OFFICERS, DIRECTORS, EMPLOYEES OR OTHER REPRESENTATIVES, ARISING IN ANY WAY IN CONNECTION WITH THIS AGREEMENT—WHETHER UNDER CONTRACT LAW, TORT LAW, WARRANTY OR OTHERWISE—SHALL NOT EXCEED THE TOTAL AMOUNT PAID BY BUYER TO SUPPLIER UNDER THIS AGREEMENT. SUPPLIER'S PRICING REFLECTS THIS ALLOCATION OF RISKS AND LIMITATION OF LIABILITY

(c) No Third-Party Beneficiaries. No provision of the Contract Documents is intended or shall be construed to be for the benefit of any third party.

(d) Interpretation/Forum. Article and Section headings are for reference only and do not interpret, define or limit the scope or content of this Agreement or any provision hereof and shall be given no legal effect in the interpretation of this Agreement. This Agreement shall be construed in accordance with the laws of the State of Indiana. No provision of this Agreement shall be interpreted more or less favorably towards either party because its counsel drafted all or a portion hereof. If any provision of this Agreement is found to be invalid, all of the remaining provisions of this Agreement shall nonetheless remain in full force and effect. This Agreement may be executed in counterparts, each of which shall be deemed an original, but which together shall constitute one and the same instrument.

(e) Non-Waiver. The failure of either party to insist upon strict performance by the other party, or party's failure or delay in exercising any rights or remedies provided in the Agreement or by law shall not be deemed or construed as a waiver of any claims. No waiver by either party of a breach of any provision of the Agreement shall constitute or be construed as a waiver of any other breach of that provision. No payment, final or otherwise, nor the acceptance of any design, shall be construed as (i) an acceptance of Defective Material, (ii) relieving Seller of its obligations to make good any defects or consequences for which Seller may be responsible, or (iii) a waiver of any obligations of Seller under the Agreement.

(f) Assignment. Neither party shall assign or transfer any rights, claims, interests, or obligations in this Agreement including monies that are due or may be due, without the prior written consent of the other party, which consent may not be unreasonably withheld; provided, however, that no consent to assignment shall be necessary in connection with a party's merger, consolidation, reorganization, sale of at least fifty percent (50%) of its equity interest or the sale of a party's business or all or substantially all of a party's assets. Upon the permitted Assignment by either party of its rights, claims, interest, or obligations under this Agreement and the assumption by Assignee of the party's rights, claims, interests, or obligations under this Agreement, the assignee shall be responsible for payment to the other party of all sums owed under this Agreement and for any other duties imposed upon either party under this Agreement, and in the event of such assignment, neither party shall have any further duties or obligations under this Agreement. Subject to the foregoing, this Agreement shall be binding upon and inure to the benefit of the parties hereto, its successors and assigns.

(g) Integration. This Agreement represents the entire and integrated agreement between Buyer and Seller with respect to its subject matter and shall supercede all prior negotiations, representations, or agreements and Buyer represents and acknowledges that it has not relied on any representation or warranty other than those explicitly set forth in this Agreement in connection with its execution of this Agreement. This Agreement may be amended, modified, or waived only by written instrument signed by Authorized Representatives of each party. No approval given, payment made, possession taken, action taken or failure to act by Buyer under this Agreement shall operate to relieve Seller from any of its responsibilities under the Contract Documents or be deemed as

an approval by Buyer of any deviation contained in any items or documents subject to such approval from, or of any failure by Seller to comply with, any requirement of the Contract Documents, unless such deviation or failure has been specifically approved by a written modification to this Agreement. A waiver by either party of any breach of this Agreement shall not be held to be a waiver of any other breach whether prior to or subsequent thereto. Unless otherwise stated in a delegation of authority, Buyer's Designated Representative does not have authority to amend or waive any portion of this Agreement. The Contract Documents referenced in this Agreement supersedes all prior oral or written agreements, commitments or understandings with respect to the matters provided for herein. There are no representations, agreements, arrangements or understandings, oral or written, among the parties relating to the subject of this Agreement that are not fully expressed herein.

(h) Construction. Any reference to any federal, state or local statute or law shall be deemed to refer to all rules and regulations promulgated thereunder, unless the context requires otherwise.

(i) Force Majeure. Neither Party will be responsible for any failure or delay in performing any obligation hereunder, other than Buyer's obligation to pay, if such failure or delay is due to a cause beyond the Party's reasonable control, including, but not limited to acts of God, flood, fire, volcano, war, third-party suppliers, labor disputes or governmental acts.

EXHIBIT A

| ITEM | ITEM DESCRIPTION | ANNUAL QTY | PER METER PRICE* |
|------|--|------------|------------------|
| 1 | Residential Class Diaphragm Gas Meter, 250 Class, Temp Compensated, 20Lt Connection | 15,000 | [REDACTED] |
| 2 | Residential Class Diaphragm Gas Meter, 250 Class, Temp Compensated, 20Lt Connection | 90,000 | [REDACTED] |
| 3 | Residential Class Diaphragm Gas Meter, 250 Class, Temp Compensated, 20Lt Connection - provide per meter price for storage/programming/installation of AMR ERT* | 1 | [REDACTED] |

*Prices based on purchase of specified quantity. Please refer to tiered pricing below for other quantities.

| Annual Volume | METRIS TC Unit Price | ERT Installation Adder per meter Unit Price |
|-----------------|----------------------|---|
| 1,001 - 5,000 | [REDACTED] | [REDACTED] |
| 5,001 - 20,000 | [REDACTED] | [REDACTED] |
| 20,001 - 40,000 | [REDACTED] | [REDACTED] |
| 40,001 - 75,000 | [REDACTED] | [REDACTED] |
| 75,001 + | [REDACTED] | included |

Pricing provided is freight allowed for full truckload shipments only. Less than full truckload will ship PrePay & Add, bestway.

The cost to program and install ERTs will be discounted by [REDACTED] for annual purchase commitment over [REDACTED] METRIS meters. NiSource to supply ERT modules. For annual purchase commitment above [REDACTED] units, the ERT adder for programming and installation ERTs will be included in the cost of the meter.

Additional fees will apply for pressure compensated indexes, barcode labels, and Installation and programming of non-Itron ERT units.

NiSource's Integrated Supplier McJunkin Redman Corporation, will purchase meters on behalf of NiSource through Itron at the prescribed rates shown above. McJunkin Redman Corporation will distribute meters to NiSource's Distribution Companies.

Prices are valid from February 24, 2009 through February 23, 2014.



EXHIBIT B

2111 N. Moller Rd.
Liberty Lake, WA 99019

toll free: 800-836-8481
fax: 360-787-6910
www.itron.com

Mobile Automated Meter Reading (AMR) System

Best & Final Pricing

NiSource

Based upon BMR# 8683A-08 Ver8 Apr
Dated April 8, 2009

| Item | Description | Part Number | Qty | Unit Price | Extended Price |
|---|---|----------------|-----------|-------------------|----------------|
| 40 GB Endpoints | | | | | |
| 1 | ERT 40 GB, Residential or Rotary Gas Meter Module | ERG-9000-004 | 1,600,000 | | |
| 2 | ERT 40 GB, Commercial or Remote Gas Meter Module | ERG-9000-COM | TBD | | TBD |
| 3 | 40 G and 40 GB Sprague 1A Adapter Plate/Meter Installation Kit | CFG-0016-001 | TBD | | TBD |
| 100G Endpoint Option | | | | | |
| 4 | ERT 100G, Residential or Rotary Gas Meter Module | ERG-9000-100 | TBD | | TBD |
| 5 | ERT 100G, Commercial or Remote Gas Meter Module | ERG-9000-COM | TBD | | TBD |
| | | | | Endpoint Total | |
| Hardware | | | | | |
| 6 | Mobile Collection 3.0 and Mapping Solution | MC3XR | 25 | | |
| | MC3, XR-1, Ship Kit Permanent | DCU-5302-101 | 25 | Included | Included |
| Includes: USB flash thumb drive for file transfer, Shipping/Carrying Container, Vehicle Installation Kit, Power Cables, Antenna, and Guides | | | | | |
| 7 | FC200SR, SRead RADIO, CE.NET 4.2, 256/612MB CF | FC200SR | 72 | | |
| 8 | Ethernet Multi-Drop Desk Dock, for 6 Units | OEM-0065-046-R | 12 | | |
| 9 | FC200R/SR Lithium-Ion Battery (3,000 mAh) | OEM-0065-033-R | TBD | | TBD |
| | | | | Hardware Subtotal | |
| | | | | MC3 Discount | |
| | | | | Handheld Discount | |
| | | | | Hardware Total | |
| | | | | TOTAL | |
| Optional Items | | | | | |
| Passive Radiators | | | | | |
| | Passive Radiator for ERT 40 G and 40 GB, Sprague Residential, Qty's | CFG-0009-001 | TBD | | TBD |
| | Passive Radiator for ERT 40 G and 40 GB, American Residential, Qty's | CFG-0009-002 | TBD | | TBD |
| | Passive Radiator for ERT 40 G and 40GB, Sensus/Invensys/Equimeter/Rockwell Residential, Qty's 100,020 + | CFG-0009-003 | TBD | | TBD |
| Covers | | | | | |
| | Index Cover, 100G American | MLD-0200-002 | TBD | | TBD |
| | Index Cover, 100G Rockwell | MLD-0200-008 | TBD | | TBD |
| | Index Cover, 40 G and 40 GB American | MLD-0003-002 | TBD | | TBD |
| | Index Cover, 40 G and 40 GB Sensus/Invensys/Equimeter/Rockwell | MLD-0003-012 | TBD | | TBD |
| | Index Cover, 40 G and 40 GB Sprague/Schlumberger/Actaris | MLD-0003-003 | TBD | | TBD |
| | Index Cover, 40 G and 40 GB National/Lancaster | MLD-0005-002 | TBD | | TBD |
| | Index Cover, 40 G and 40 GB American 5 Metric | MLD-0003-028 | TBD | | TBD |
| | 40G and 40 GB American Commercial Window Lens | MLD-0003-021 | TBD | | TBD |
| | Two hole clear cover Sprague, 40G/40GB | MLD-0003-031 | TBD | | TBD |
| | 100G CLEAR COVER, ROCKWELL | MLD-0200-006 | TBD | | TBD |
| Tamper Seals | | | | | |
| | Red Tamper Seals for 40G, 40GB, 40W-1/50W-1 PIT ERT's, 60/bag | OPT-0002-001 | TBD | | TBD |

Notes and Assumptions

- Endpoints**
- (1) 40 GB and 100G Endpoint pricing is a fixed price from February 24, 2009 through February 23, 2014 with a minimum commitment of [redacted] ERTs over the term. 2009 required minimum [redacted] residential class ERTs.
 - (2) Buyer will provide Seller the opportunity to increase its current share of Buyer's gas meter and regulator business, over the term of the Agreement. Buyer also agrees to evaluate, for approval to purchase, the new Datus gas meter and the new Itron remote disconnect Metrix meter.
 - (3) Residential 40 GB Gas Modules, remote and rotary are packaged and sold in quantities of [redacted]. Commercial Gas Modules are sold in quantities of [redacted].
 - (4) Residential 100G Gas Modules are packaged and sold in quantities of [redacted]. Commercial Gas Modules are sold in quantities of [redacted].
 - (5) A surcharge of [redacted] will apply for ordering ERT quantities less than box quantities.
- Hardware**
- (6) Quantity of mobile collectors is an estimate based on densities across Buyer's territory. Final quantity may change based on Buyer's needs.
 - (7) Quantity of handheld computers is an estimate based on additional installers required. Final quantity may change based on Buyer's needs.
 - (8) Seller will provide [redacted] discount on new FC platform handhelds to Buyer for Meter Reading purposes upon the migration from Integrator to FCS meter reading software. The amount of handhelds will be determined based on Buyer's actual need. Seller offers this discount on these handhelds up to a maximum quantity of [redacted]. Delivery of these handhelds will be mutually agreed upon during the term of the Agreement.
- Seller will provide free disposal of the existing G5 handheld platform to Buyer, with Buyer responsible for shipping such handhelds to an identified Seller.



EXHIBIT B

2111 N. Molter Rd.
Liberty Lake, WA 99019

toll free: 800-835-5461
fax: 866-787-0910
www.itron.com

Mobile Automated Meter Reading (AMR) System

Best & Final Pricing

NiSource

Based upon BMR# 6663A-08 Ver0 Apr
Dated April 8, 2009

(9) Seller will work with Buyer to consider a trade in or buyback of the FC platform handhelds after they are no longer needed by Buyer (post MAMR deployment), either offering a credit, buyback, or product exchange as mutually agreeable.

General

- (11) Prices are valid from February 24, 2009 through February 23, 2014.
- (12) Prices are in US dollars.

DELEGATION OF AUTHORITY

I, Violet Sistovaris, Senior Vice President, Administrative Services and CIO of NISource Corporate Services, do hereby appoint Martin Zain, (hereinafter referred to as "Delegate"), Director of Supply Chain Services of NISource Corporate Services Company, as my Agent and Delegate, effective for the period beginning May 1, 2009, and ending on May 31, 2009, for purposes of approving all vouchers up to [REDACTED] and other transactions requiring my approval during this period.

This Delegation of Authority shall continue until the earlier of the date a) expressly stated in this delegation of authority, b) the Company expressly revokes this delegation, c) a successor is appointed, d) the Delegate is no longer an employee of the Company in the position identified above, or e) six months from the date the delegation period began.

This Delegation of Authority is hereby authorized on 4/30/09
(date)

By: *Violet Sistovaris*
Violet Sistovaris

Cc: Supply Chain Management Team
Susan Taylor (Segment Controller NCS)

ID # 10196

Nisource Supply Chain Agreement Summary Recommendation

To: Martin Zain

Date: 5/11/2009

Itron, Inc.

| Agreement Source | | Approval List | |
|--------------------------|-----------------------------|---|--------------|
| | | Name | Date |
| Business Unit: | NISource Corporate Services | <input checked="" type="checkbox"/> Business Unit | Brad Bohrer |
| SC Segment: | Gas Distribution | <input checked="" type="checkbox"/> Legal | Todd Rodgers |
| Supply Chain Consultant: | Wait Van Der Kar | <input type="checkbox"/> Risk Management | |
| Project Sponsor: | Steve Heatwole/Lisa Carmean | <input type="checkbox"/> Consultation | |
| Supplier: | Itron, Inc. | <input checked="" type="checkbox"/> Other | Ray Irvin |
| Supplier Experience: | New Supplier | | Audit |

Description Length of Agreement: 5 Years Agreement Type: MEA Option to Renew?

Itron will be providing natural gas meters as well as Automatic Meter Reading devices for the Columbla Distribution Companies per the request of Brad Bohrer. Mr. Bohrer is a manager in the Customer Programs Department and reports to Lisa Carmean.

Exception Clauses Agreement Template: Modified Template

The MEA came back from Itron marked up with proposed edits and changes in many sections of the agreement. Wait Van Der Kar and Dave Griffin of Supply Chain worked with Todd Rodgers (Legal), Ray Irvin (Audit) and Brad Bohrer (BU) and the Itron team to work through the proposed changes. Sections Changed include:

- 3 - Insurance
Such certificates confirm compliance with the terms of this Agreement.
- 4b - Indemnification
4b is struck as it applies to Construction, not material.
- 7 - Warranties and Remedies
Itron wanted to have Warranty for meters run only one year. They also did not want to include calibration language stating that 85% of each meter shipment will maintain their factory set point of calibration +/- 2%. Ultimately got them to agree on a 15 Year Warranty or the measurement of > one million cubic feet of gas by the meter or until the meter is replaced by Buyer in connection with a periodic change-out (whichever comes first) as far as warranty goes. Also got them to agree to keeping the calibration language.
- 8 - Conditions of Payment
For invoices not paid within 30 days of the invoice date, in addition to other remedies to which Supplier may be entitled, Supplier may charge Buyer a late fee of one percent per month applied against undisputed overdue amounts.
- 9 - Risk of Loss/ Warranty of Title
Unless otherwise agreed by the Parties, Seller will make arrangements with its carrier to deliver Material to Buyer's location at Buyer's expense. Title to the Equipment and risk of loss shall pass to Buyer upon delivery.
- 10 - Seller's Default and Buyer's Remedies
The prevailing party shall be entitled to collect its reasonable attorneys' fees and costs, including expert and consulting fees, incurred
- 13 b - Mediation and Arbitration
At the location closest agreed to by the parties - deleted "closest"
- 15 - Right to Audit and Inspect
If any additional information is required regarding these changes to Itron's MEA, additional files are available with Wait Van Der Kar.

Agreement Additions

- Requirements Agreement?
- Penalty Clauses?
- Critical Supply Area?
- All Affiliates Individual Affiliates:

Sourcing Detail Strategic Sourcing Event Tactical Sourcing

Sourcing Approach Bld/RFP
of Bidders 2

Sourcing Approach Comments

Estimated Annual Spend Savings One-Time: Savings Annual:
XXXXXXXXXX XXXXXXXXXX \$0.00

ID # 10196

Nisource Supply Chain Agreement Summary Recommendation

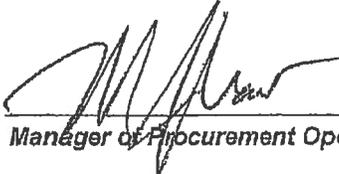
To: Martin Zain

Date: 5/1/2009

Iron, Inc.

Contract Comments:

Revision History



Manager of Procurement Operations

5/1/09
Date

Not Approved - Please correct and submit revision.

Software and Services Agreement No. CW1875345
Amendment No. 1

This Amendment No. 1 ("Amendment") is entered into as of September 21, 2012 ("Amendment Effective Date") and is attached to and incorporated into and made a part of the Software and Services Agreement No. CW1875345, dated July 1, 2009 (the "Agreement"), by and between NISource Corporate Services Company ("Buyer") with offices at 200 Civic Center Drive Columbus, OH 43215 and Iron, Inc. ("Seller") with a place of business at 2111 North Molter Road, Liberty Lake, Washington 99019.

Whereas, the parties have entered into the Agreement,

Whereas, the parties wish to add Seller's Field Deployment Manager software ("FDM") to the Agreement, and

Whereas, the parties wish to enter into a Second Statement of Work ("SOW No. 2").

NOW, THEREFORE, in consideration of good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the parties agree as follows:

1. Exhibit A, FDM Pricing Summary, attached hereto, is added to and incorporated into the Agreement. The estimated costs listed in Exhibit A for FDM Implementation services, as well as the scope of such services, are included in SOW No. 2. For the sake of clarity and the avoidance of doubt, FDM is hereby included in the definition of "Software" under the Agreement.
2. Buyer agrees to deploy FDM version 3.1, which is anticipated to be commercially released on or about October 19, 2012. If, in the course of Seller's Testing, or Buyer's own testing during the implementation of FDM 3.1, Buyer determines, in the exercise of its reasonable judgment, that Critical Defects exist in FDM 3.1, Buyer and Seller will mutually agree upon a resolution plan, within five (5) business days of written notice from either Party of a Critical Defect. Such resolution plan shall include mutually agreeable timeframes for resolution and acceptance. If such resolution plan does not result in correction of the Critical Defects in the mutually agreeable timeframes, Buyer will have the option to defer FDM 3.1 implementation, in favor of FDM 2.1.4. If, due to said Critical Defects, Buyer exercises this option to have FDM 2.1.4 implemented, Buyer must notify Seller in writing. Upon receipt of notice, Seller will have ten (10) weeks, unless mutually agreed otherwise, to provide to Buyer an implementation of FDM 2.1.4, in lieu of the implementation of FDM 3.1. If Buyer elects to have FDM 2.1.4 implemented in lieu of FDM 3.1, Seller will be responsible for Seller's professional service fees associated with the implementation of FDM 2.1.4, no additional license fees will be charged by Seller, and Buyer will be responsible for Buyer's costs and expenses of implementing FDM 2.1.4. Further, at such time after these Critical Defects to FDM 3.1 have been corrected, and Buyer completes testing of, and approves FDM 3.1, Seller will, at Seller's expense, provide full transition services to move all data and services from FDM 2.1.4 to FDM 3.1 in accordance with a mutually agreeable timeframe. For the sake of clarity and the avoidance of doubt, the processes, procedures, and risk mitigation tools in this section shall only be valid until FDM 3.1 is placed in a production environment by Buyer.

A Critical Defect is defined as a defect that meets one (1) of the following criteria:
(1) A defect or error within FDM 3.1 for which there is no workaround and that causes the FDM software to be unavailable or the loss of daily functionality of any essential feature of the FDM software which prevents Buyer from being able to make substantial use of the System for its intended purpose or;
(2) The number of manual workarounds for defects and errors in FDM 3.1, for defects that affect some functionality of the FDM software, is such that Buyer experiences, effectively, a loss of the substantial use of the intended daily operations of the System.
3. Notwithstanding anything to the contrary in Section 10 (Conditions of Payment) of the Agreement, Seller shall invoice Buyer for the license and maintenance fees for FDM upon the Shipment (as such term is defined in the Agreement) of the commercial release of FDM 3.1.
4. Exhibit B, Hourly Rates for Implementation, Consulting, Customization, & Integration, attached hereto, is added to and incorporated into the Agreement. The prices on Exhibit B to this Amendment are valid through December 31, 2013.

[Signature Page Follows]

IN WITNESS WHEREOF, Seller and Buyer have caused this Amendment to be executed as of the date first written above. The parties acknowledge and agree that except as modified above all terms and conditions of the Agreement shall remain in full force and effect. All capitalized words not defined herein shall have the meaning set forth in the Agreement.

MWA 10/4/12

| | |
|--------------------------------|-------------------------------------|
| Itron Inc. | NISource Corporate Services Company |
| By: <i>Richard Christensen</i> | By: <i>MWA</i> |
| Name: RICHARD CHRISTENSEN | Name: M. W. Hooper |
| Title: Controller | Title: VP Major Projects |
| Date: Itron North America | Date: 10-4-12 |

[Signature Page to Amendment No. 1]

Exhibit A



Electric / Gas / Water
 Information collection, analysis and application
 2111 N. Moller Rd.
 Liberty Lake, WA 99019
 fax: 888-787-6610
 www.itron.com

Pricing Summary for
NiSource/NIPSCO

BMR# 1035-12 Ver3 Sep
 September 28, 2012

| Item | Part Number | Description | Qty | Unit Price | Extended Price | Notes |
|------------------------------|-------------|---|-----|------------|----------------|-------|
| Software | | | | | | |
| 1 | FDM E | Field Deployment Manager From 1,000,001-2,000,000 Endpoints EPLP Migration Discount | 1 | [REDACTED] | [REDACTED] | (1) |
| Professional Services | | | | | | |
| 2 | Services | FDM Implementation Services | | | | (2) |
| | | Project Mgt and Admin | 90 | [REDACTED] | [REDACTED] | |
| | | Requirements & Signoff | 120 | [REDACTED] | [REDACTED] | |
| | | Workflows Development & Initial Test | 120 | [REDACTED] | [REDACTED] | |
| | | Local FDM Server configuration/support | 36 | [REDACTED] | [REDACTED] | |
| | | Testing | 120 | [REDACTED] | [REDACTED] | |
| | | Tester Training | 24 | [REDACTED] | [REDACTED] | |
| | | Remote, Off-site support during Testing period | 66 | [REDACTED] | [REDACTED] | |
| | | Training prep and documentation prep | 10 | [REDACTED] | [REDACTED] | |
| | | Inventory & HH prep & training - onsite | 24 | [REDACTED] | [REDACTED] | |
| | | NIPSCO Dispatcher / Manager / FSR Training | 48 | [REDACTED] | [REDACTED] | |
| | | Contractor Dispatcher / Manager / FSR Training and Go Live Support | 48 | [REDACTED] | [REDACTED] | |
| | | Go Live Support - Remote | 40 | [REDACTED] | [REDACTED] | |
| | | Workflow Changes | 10 | [REDACTED] | [REDACTED] | |
| | | Transition to Support | 10 | [REDACTED] | [REDACTED] | |
| | | Travel hours | 112 | [REDACTED] | [REDACTED] | |
| | | Project Close | 5 | [REDACTED] | [REDACTED] | |
| | | Total Professional Services | | | [REDACTED] | |
| | | Total | | | [REDACTED] | |
| Annual Maintenance | | | | | | |
| 3 | Maintenance | Field Deployment Manager Incremental from 1,000,001-2,000,000 Endpoints | 1 | [REDACTED] | [REDACTED] | (3) |

Notes and Assumptions

- (1) FDM License discount based on Inclusion in corporate NiSource license
- (2) Please refer to Itron SOW CW1001025, dated September 24, 2012 for details. Travel expenses are not included in this estimate and will be billed at actual.
- (3) Prices specified are estimates only and NIPSCO will be invoiced on a time and materials basis at actual cost.
- (4) Software Maintenance start date is date specified in the Software License and Maintenance Agreement or the Software Maintenance Agreement.
- (5) Freight and taxes are not included. Prices are in US dollars. Prices are valid for 90 days.

Exhibit B

Hourly Rates for Implementation, Consulting, Customization, & Integration

Effective January 1, 2012. Prices are valid through December 31, 2013.

| Personnel Classification | Standard Hourly Rate |
|--|----------------------|
| Project Executive / Program Manager | [REDACTED] |
| Business Consultant | |
| Lead Technical Consultant | |
| Project Manager | |
| Technical Consultant (Application, Integration, Data, System Administration) | |
| Installation Manager | |
| RF Network Engineer | |
| Field Services Engineer | |
| Project / Business Analyst | |

| Post Installation Technical Phone Support | Hourly Rate | |
|--|-------------|------------------------------------|
| Product Support Engineer (for customers without a maintenance agreement) | [REDACTED] | |
| Extended support for maintenance customers | | Mon. through Fri. 5 pm to 5 am PST |
| | | Saturday and Sunday |
| | | Holidays |

Itron Responsibility Matrix

| Project Roles | Role Description |
|-------------------------------------|---|
| Project Executive / Program Manager | The Project Executive is the senior member of the delivery team, responsible for overall client satisfaction and delivery of contracted services. The Project Executive has extensive utility and contract experience. The Project Executive serves as the single point of accountability to resolve issues, manage progress, and ensure successful implementation of the project. The Project Executive builds and maintains executive relationships with the customer, systems integrator, installation contractor; and is accountable for overall project success. The Project Executive usually has a seat on the Utilities Projects Program Management Office. |
| Project Manager | Is the main point of contact for the Project. Involved from the Project kickoff to Project completion. Responsible for managing scope, cost, resources and the day-to-day activities of other consultants working on your Project. In addition, this individual will also be responsible for overseeing solution design, testing and training activities. |
| Lead Technical Consultant | Leads overall system design, including technical architecture, data flow, systems integration, systems configuration and system scalability. Has a strong understanding of Itron systems, communication protocols, technology platforms, and legacy utility systems that must work together to delivery the project needs and objectives. |
| Business Consultant | Itron Business Consultants complement the Technical Consultant with deep product understanding to exploit the product's functionality to meet business objectives. They focus on the customer's business requirements, identify any gaps, and recommend how to best configure the system to meet specific business objectives and business process needs. They frequently play an active role on project specific documentation (gaps, test plans, "to-be" process, and training) as well as conducting system testing. |
| Technical Consultant | Responsible for the design, installation, configuration, technical training and testing of Itron systems. Works with the utility or third party contractors on data flow and integrating Itron systems into the larger utility solution. Leads technical systems testing. |

| | |
|----------------------------|--|
| Installation Manager | Oversight responsibility for the installation of meters, meter modules, cell relays, CCU's, repeaters. Responsibility includes inventory accountability and status (from the factory, install, and network registration), field operations management, back office operations, customer communications, data synchronization / integrity and exception processing. |
| RF Network Engineer | Responsible for the design, field sitting, and deployment of the RF system components including the cell relay, ccu, repeater locations, WAN backhaul design, and Zigbee Home Area Network design. The RF Network Engineer will be involved to resolve any read performance issues linked to the physical network during deployment. |
| Field Services Engineer | Supports the RF Network Engineer to meet network performance goals. Works with the Network Operators to investigate system issues in the field. Will provide oversight and direction to field technicians who are investigating non-responding meters. |
| Project / Business Analyst | Responsible for system performance reporting, issue tracking (including closure of issues). May lead focused sub-projects related to deployment and network performance. |

**NISOURCE CORPORATE SERVICES COMPANY
SOFTWARE AND SERVICES AGREEMENT
No. CW1875345**

BUYER:
NiSource Corporate Services Company
and its entities and/or respective Affiliates
801 East 86th Avenue
Merrillville, IN 46410

SELLER:
Itron, Inc.
2111 North Molter Road
Liberty Lake, WA 99019

EFFECTIVE DATE: July 01, 2009

TERM: The term of this Software and Services Agreement and the attached General Terms and Conditions (collectively hereinafter the "Agreement") shall be from the Effective Date to June 30, 2014, unless terminated earlier as provided herein.

This Agreement governs license to certain Software as well as Services to be performed by Seller as described in the attached maintenance policies for the fees set forth in Exhibits A and A-1 (Pricing Summary) as well as separate Purchase Orders, Project Authorizations, Service Authorizations, Work Authorizations, individually referred to herein as "Purchase Orders" and is effective as of the date provided above between NiSource Corporate Services Company ("Buyer") and the seller ("Seller") identified above and as further identified in Article 1. Any references to Buyer shall include those entities and/or respective Affiliates that have authority to issue Purchase Orders under this Agreement for the Software and Services.

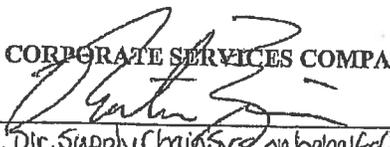
Unless such terms and conditions are expressly excluded by the applicable Purchase Order executed by an Authorized Representative of Buyer and Seller, this Agreement establishes the terms and conditions under which Buyer may license Software and obtain Services from Seller, which purchases shall be evidenced by the delivery by Buyer to Seller of Purchase Orders. Seller's standard terms and conditions and any other commercial terms and conditions shown on any proposal or on any other document submitted by Seller to Buyer are void, unless specifically accepted in writing by an Authorized Representative of Buyer. Any preprinted standard terms and conditions on or referenced in Buyer's Purchase Order are not applicable whenever such a Purchase Order is issued pursuant to this Agreement.

This is not a requirements contract. Buyer reserves the right to purchase the same or similar Software or Services from third parties. Seller's full compensation ("Contract Sum") for the Software and Services shall be based on pricing agreed to and specified in the Purchase Order. Seller shall Supply the Software and Services in conformance with the schedule requirements stated in the Purchase Order.

Seller shall not hold, nor attempt to hold, Buyer or any Affiliate liable for the acts, omissions, or breaches of any other Affiliate. No breach or default of this Agreement by an Affiliate shall constitute a breach or default of this Agreement by another Affiliate. For purposes of determining the rights and obligations of each party hereunder, Seller and each Affiliate shall be considered to have contracts separate and apart from any contract between Seller and any other Affiliate.

The Contract Documents listed in order of precedence, shall consist of the following documents: (a) this Agreement; (b) the Purchase Order(s); and (c) any Schedules. All Contract Documents whether prepared by Seller or others shall be the property of Buyer. Notwithstanding anything in this Agreement to the contrary, if the completion dates of any Purchase Order extend beyond the term of this Agreement, this Agreement shall continue to apply to all such Purchase Orders until the related project is completed to the satisfaction of the Buyer.

NISOURCE CORPORATE SERVICES COMPANY

Signature: 
Name: Martin Zain, Dir. Supply Chain Services, on behalf of,
Timothy J. Tokish, Jr.

Title: VP. Supply Chain
(print or type)

Date Signed: 7/17/09

SELLER:

Signature: 

Name: Craig Hiteshew
(print or type)

Title: INA Controller-Operations

Date Signed: 7/2/09

GENERAL TERMS AND CONDITIONS
FOR THE NISOURCE CORPORATE SERVICES COMPANY
SOFTWARE AND SERVICES AGREEMENT

TABLE OF CONTENTS

| | |
|---|----|
| 1. DEFINITIONS | 3 |
| 2. SOFTWARE..... | 4 |
| 3. PROFESSIONAL SERVICES..... | 5 |
| 4. MAINTENANCE SERVICES | 5 |
| 5. INSURANCE..... | 5 |
| 6. INDEMNIFICATION | 6 |
| 7. CHANGE ORDERS | 7 |
| 8. CLAIMS | 7 |
| 9. WARRANTIES AND REMEDIES | 7 |
| 10. CONDITIONS OF PAYMENT | 8 |
| 11. INTELLECTUAL PROPERTY | 8 |
| 12. SELLER'S DEFAULT AND BUYER'S REMEDIES | 8 |
| 13. TERMINATION..... | 8 |
| 14. NOTICES | 9 |
| 15. DISPUTE RESOLUTION..... | 9 |
| 16. HAZARDOUS MATERIALS..... | 10 |
| 17. RIGHT TO AUDIT AND INSPECT..... | 10 |
| 18. SMALL BUSINESS CONCERNS (FOR WORK PERFORMED FOR NORTHERN INDIANA PUBLIC SERVICE COMPANY [NIPSCO])..... | 10 |
| 19. NONDISCRIMINATION/EQUAL OPPORTUNITY | 11 |
| 20. DELIVERY, USE, AND RETENTION OF DOCUMENTATION | 11 |
| 21. CONFIDENTIAL INFORMATION..... | 11 |
| 22. TAXES | 11 |
| 23. MISCELLANEOUS | 12 |

1. **DEFINITIONS.**

- (a) **"AFFILIATE"** means those direct or indirect subsidiaries of NiSource, Inc. that have authority to issue Purchase Orders.
- (b) **"AUTHORIZED REPRESENTATIVE"** means an individual with the legal authority to bind a party.
- (c) **"BUYER'S DESIGNATED REPRESENTATIVE"** shall mean Buyer's representative who will provide the general administration of this Agreement for the Software and Services orders on behalf of Buyer and shall be Buyer's field representative in all matters related to this Agreement, including keeping Buyer's procurement personnel informed at all times of the adequacy of Seller's performance and progress, except as may be otherwise provided herein. Buyer may, in its sole discretion, change its Designated Representative at any time or from time to time, and shall promptly notify Seller, in writing, of any such change.
- (d) **"CHANGE ORDER"** is a written document in a form acceptable to Buyer signed by Authorized Representatives of the parties authorizing changes to a Software or Services order.
- (e) **"CONFIDENTIAL INFORMATION"** means any and all data, documentation, methods, processes, materials and all other information relating to the past, present and future business of Buyer or Seller and their Affiliates, which is designated in writing by such party as Confidential. Confidential Information also includes all information owned by customers, suppliers or other third parties to whom Buyer or its Affiliates owe an obligation of confidentiality. Confidential Information does not include any information that is publicly available or becomes publicly available through no breach of this Agreement by Buyer or Seller, their Subcontractors or their employees or information that Buyer or Seller can show, by written records, was known to Buyer or Seller prior to the date of this Agreement, independently developed by Buyer or Seller, or lawfully disclosed by a third party.
- (f) **"CONTROVERSY"** is any dispute, which arises under this Agreement.
- (g) **"DOCUMENTATION"** means all printed or electronic materials published or otherwise that are provided to Buyer and that describe or relate to the functional, operational or performance capabilities of the Software.
- (h) **"DELIVERABLE"** means any software, reports, results, studies or other documentation identified as a "Deliverable" to be provided by Seller in a SOW.
- (i) **"ENVIRONMENTAL REQUIREMENTS"** means any and all federal, state or local laws or regulations applicable to the Software or Services or the Site at which the Services shall be provided and which govern, generally, the handling, release, disposal, or use of any substance which adversely affects or has the potential to affect human health and the environment. Such Environmental Requirements include the following (as amended): Toxic Substances Control Act (TSCA), 15 U.S.C. 2601, et seq.; the Federal Water Pollution Control Act, 33 U.S.C. 1251, et seq.; the Oil Pollution Act of 1990, 33 U.S.C. 2701, et seq.; the Safe Drinking Water Act, 42 U.S.C. 300f, et seq.; the Solid Waste Disposal Act, 42 U.S.C. 6901, et seq.; the Clean Air Act, 42 U.S.C. 7401, et seq.; the Comprehensive Environmental Response, Compensation, and Liability Act, 42 U.S.C. 9601, et seq.; the Emergency Planning and Community Right-to-Know Act, 42 U.S.C. 11001, et seq.; the Hazardous Materials Transportation Act, 49 U.S.C. 1801, et seq.; and state or local laws or regulations of similar content or otherwise pertaining to the environment.
- (j) **"EQUIPMENT"** means the equipment identified on the Pricing Summary.
- (k) **"HAZARDOUS MATERIALS"** shall include any materials regulated by Environmental Requirements.
- (l) **"INCLUDING"** shall mean "including, without limitation."
- (m) **"MAINTENANCE SERVICES"** has the meaning set forth in Section 4(a) hereof.
- (n) **"NON-SELLER SOFTWARE"** means Software that is not owned by Seller but is identified on the Pricing Summary or applicable Purchase Order as being provided by Seller.
- (o) **"OBJECT CODE"** means the binary, machine-readable version of software.
- (p) **"PRICING SUMMARY"** means Exhibit A (Pricing Summary) hereto or the product, service and pricing information included on any Purchase Order accepted by Itron that is governed by this Agreement.
- (q) **"PROFESSIONAL SERVICES"** has the meaning set forth in Section 3(a) hereof.
- (r) **"SAFETY AND HEALTH REQUIREMENTS"** shall mean any and all federal, state, or local laws including any safety and health programs required by the Occupational Safety and Health Act and regulations applicable to the Services or the Site at which the Services shall be provided and which govern, generally, the safety and health of Seller's, or any of its Subcontractors', employees, agents, or invitees, and Buyer's employees, agents, or invitees. Such Safety and Health Requirements shall include, but are not limited to, the following: the Occupational Safety and Health Act, 29 U.S.C. 651, et seq.; the Americans with Disabilities Act, and state or local laws or regulations of similar content, including local building codes or permit requirements.
- (s) **"SCHEDULE,"** means Seller's schedule approved by Buyer to Supply the Software and/or Services identified in the Purchase Order.

(t) "SELLER" has the meaning set forth on page 1 of this Agreement.

(u) "SELLER'S DESIGNATED REPRESENTATIVE" shall mean Seller's representative who will provide the general administration of this Agreement for the respective Software and Services orders on behalf of Seller and shall be Seller's field representative in all matters relating to this Agreement, except as may be otherwise provided herein. If no Seller's Designated Representative is named in the Purchase Order, the Seller's Designated Representative shall be Seller's representative to whom the Purchase Order is addressed. Seller may change its Designated Representative at any time. However, a fully qualified replacement must be ready to assume responsibility for Seller's Designated Representative and is subject to prior approval of Buyer's Designated Representative, which shall not be unreasonably withheld.

(v) "SELLER SOFTWARE" means Software that is owned by Seller and any modifications, corrections, improvements or enhancements thereto provided by Seller.

(w) "SEPARATE CONTRACTORS" includes, but is not limited to, contractors hired by Buyer to provide services or deliver goods, equipment, or material in connection with a given Software or Services order.

(x) "SERVICES" means Professional Services and Maintenance Services.

(y) "SHIPMENT" means that Seller has either made the Software available to Buyer via electronic means or has provided the Software to a carrier on physical media for delivery to Buyer.

(z) "SITE" is the location where the Services will be provided unless otherwise specified in the Purchase Order.

(aa) "SOFTWARE" means software identified on the Pricing Summary, including any Non-Seller Software, that is to be provided by Seller under this Agreement.

(bb) "SOW" means a Scope of Work that references this Agreement and is executed by the parties.

(cc) "SPECIFICATIONS" means the applicable published Seller functional specifications for an item of Seller Software.

(dd) "SUBCONTRACTOR" includes, but is not limited to, those sellers, suppliers, and materialmen hired by Seller in connection with a given Software or Services order.

(ee) "SUPPLY," "SUPPLIED," "SUPPLYING" or "WORK" shall mean the process of licensing Software and providing Services required to be provided by Seller under this Agreement or a given Purchase Order.

(ff) "UNITS" means a unit of measurement identified on a Pricing Summary that is intended to limit the Use of the Software (e.g., meters or seats).

(gg) "USE" means the ability to run, execute, display and, subject to the restrictions described below, duplicate and distribute internally.

(hh) "WARRANTY PERIOD," with respect to a particular item of Seller Software, means the warranty term beginning on the warranty start date, as set forth on the Pricing Summary or the applicable Purchase Order. If no such period is identified on the Pricing Summary or the applicable Purchase Order, the Warranty Period shall be 90 days from the date of Shipment.

(ii) "WASTE MATERIALS" shall mean any and all materials that are generated by the Services or necessary to Supply the Services, which are intended to be discarded. Waste Materials shall include recyclables and other salvageable material.

2. SOFTWARE.

(a) License Grant. Subject to the terms of this Agreement and for the license fee set forth on the Pricing Summary, Seller grants to Buyer a nonexclusive, nontransferable, perpetual Object Code license to Use the Seller Software and Documentation for its internal business purposes only in connection with the number of Units identified on the Pricing Summary.

(b) Restrictions. As a condition to the foregoing license grant, Buyer shall not (i) violate any restriction set forth on the Pricing Summary, (ii) modify or create any derivative work from the Seller Software, (iii) include the Seller Software in any other software, (iv) use the Seller Software to provide processing services to third parties or on a service bureau basis, (v) reverse assemble, decompile, reverse engineer or otherwise attempt to derive source code (of the underlying ideas, algorithms, structure or organization) from Seller Software, or (vi) use the Seller Software to process business information concerning customers derived through merger, asset acquisition or other entity combination if such merger, asset acquisition or other entity combination results increases the number of Units beyond that specified on a Pricing Summary. Except as expressly permitted in this Agreement, Buyer may not copy the Seller Software other than to make one machine readable copy for disaster recovery or archival purposes. Buyer may only make copies of Documentation as reasonably necessary for the use contemplated herein. The Seller Software and Documentation shall be considered the Confidential Information of Seller and, as such, shall be subject to the confidentiality provisions of this Agreement.

(c) Non-Seller Software and Documentation. Seller shall provide the Non-Seller Software, if any, identified on the Pricing Summary and any related documentation, provided that any Non-Seller Software and related documentation provided by Seller in connection with this Agreement shall be subject to a separate license agreement between the Buyer and the third party software provider and will be subject to separate third party warranties, if any. Buyer agrees that it will be bound by and will abide by

all such third party software licensing arrangements. Buyer is solely responsible for acquiring any third party software other than Non-Seller Software that is required to use the Software.

(d) **Audit.** Buyer will maintain accurate and detailed records as necessary to verify compliance with this Agreement. Seller may audit these records to verify compliance at any time during Buyer's regular business hours after giving notice 5 business days in advance of the audit. Except as described below, Seller will bear all costs and expenses associated with the exercise of its audit rights. Any errors in payments identified will be corrected by Buyer by appropriate adjustment. In the event of an underpayment of more than five percent (5%), Buyer will reimburse Seller the amount of the underpayment, reasonable costs associated with the audit, and interest on the overdue amount at the maximum allowable interest rate from the date the obligation accrued.

(e) **Other Provisions.** Buyer shall not, directly or indirectly, export or transmit the Software to any country to which such export or transmission is prohibited by any applicable regulation or statute. The parties agree that Software provided under this Agreement shall be deemed to be "goods" within the meaning of Article 2 of the Uniform Commercial Code, except when such a practice would cause an unreasonable result. The parties agree that the Uniform Computer Information Transaction Act (or a version thereof or substantially similar law) shall not govern this Agreement.

3. PROFESSIONAL SERVICES.

(a) **Purchase of Professional Services.** During the term of this Agreement and for the applicable fee, Seller will make commercially reasonable efforts to provide to Buyer the services described on any SOW (the "Professional Services") and any related Deliverables, if any, within the time periods set forth in such SOW. Changes to the Professional Services or Deliverables may only be made through a Change Order.

(b) **Fees and Expenses.** Buyer agrees to pay for Professional Services in the manner set forth in the applicable Pricing Summary or SOW (e.g., on a time and materials basis or on a fixed-fee basis) and at the rates set forth on such Pricing Summary or SOW. Seller reserves the right to adjust rates for Professional Services performed on a time-and-materials basis no more than once each year. Buyer shall also reimburse Seller for reasonable and documented travel, lodging and related expenses incurred in connection with the Professional Services. Seller will use reasonable efforts to follow the approval processes for such expenses as set forth in the NiSource Travel Policy, effective 2001 and revised January, 01, 2006, incorporated herein by reference.

(c) **Access to Facilities and Personnel.** Buyer agrees to provide Seller with access to its facilities and personnel as reasonably required for Seller to provide the Professional Services and Deliverables. All employees and representatives of Seller that perform Professional Services on Buyer's premises shall comply with reasonable guidelines pertaining to employee conduct, including Buyer safety procedures and policies, provided to Seller by Buyer.

4. MAINTENANCE SERVICES.

(a) **Maintenance Services.** For the fee set forth in the Pricing Summary, Seller agrees to keep the Seller Software and Equipment for which Buyer has elected to receive maintenance, as set forth on the Pricing Summary, in good working order in accordance with Seller's then-current maintenance policy for the Seller Software and Equipment being maintained (the "Maintenance Services"). A copy of the applicable maintenance policy or policies for the first year of Maintenance Services is attached hereto as Exhibits B, C and D. Seller may amend the applicable maintenance policy or policies no more than once each year by providing Seller with sixty (60) days prior notice, provided that Maintenance Services shall remain substantially the same. Buyer will provide Seller with reasonable access to the Seller Software receiving Maintenance Services.

(b) **Maintenance Period.** The initial period during which Seller will provide Maintenance Services for a particular item of Equipment and MVRS software will be one year from the expiration of the warranty period for such Equipment or MVRS software. For all other Seller Software the initial period for Maintenance Services shall be for one year from date of shipment. Following this initial period, Seller will continue to provide Maintenance Services for successive one year periods unless either party elects to discontinue receiving or providing, as applicable, Maintenance Services for a particular product by providing the other with written notice at least ninety (90) days prior to the expiration of the then-current annual Maintenance Services period.

(c) **Fees.** Following the initial Maintenance Services period for a particular Seller Software or Equipment, Seller may adjust the annual Maintenance Services fee no more than once every twelve months by providing Buyer with ninety (90) days advance written notice. Buyer's election to receive Maintenance Services for additional Seller Software or Equipment may result in additional pro-rated Maintenance Services fees. To add Maintenance Services for Seller Software or Equipment previously removed from coverage, Buyer will pay Seller's then-applicable re-initiation fee. To add Maintenance for Equipment previously removed from coverage, Buyer will make Equipment available for a re-certification inspection and pay Seller's then-current re-certification fee.

5. INSURANCE.

(a) **General Insurance Requirements.** Seller shall procure and maintain in effect during the term of this Agreement, and for a period of three years thereafter, the following insurance coverages, which insurance shall be placed with insurance companies rated A minus VII or better by Best's Key Rating Guide. Prior to the commencement of supplying any Software or Services, Seller shall furnish certified copies of all insurance policies intended to meet the requirements of this Article. Properly executed Certificates of Insurance, including the required amendatory riders and endorsements, may be substituted for certified copies

of insurance policies provided that such certificates confirm compliance with the terms of this Agreement. An authorized representative of the insurance company shall execute the foregoing.

(b) Insurance Required For All Projects:

- (i) Worker's Compensation: statutory benefits and limits. Insurance shall include Broad Form All States and Voluntary Compensation Endorsements and Employer's Liability Insurance with limits of not less than \$1,000,000 per accident, \$1,000,000 per disease and a \$1,000,000 policy limit on disease. If coverage is obtained from a state fund (such as Ohio or West Virginia), Seller will purchase "Stop Gap" coverage, with minimum limits of \$1,000,000 per occurrence, from a commercial insurer meeting the requirements of this Article.
- (ii) Comprehensive Automobile Liability Insurance: \$1,000,000 combined single limit per occurrence for bodily injury and property damage shall be in Seller's name and shall include owned, non-owned, leased and hired vehicle coverage.
- (iii) Commercial General Liability (CGL): \$2,000,000 bodily injury and property damage combined single limit per occurrence; \$2,000,000 personal injury/advertising injury; \$2,000,000 products/completed operations aggregate; and \$2,000,000 general aggregate per project. Insurance shall be on an occurrence basis, in Seller's name, and shall include: Bodily Injury, Personal Injury, Explosion, Collapse and Underground Damage Liability Endorsement (commonly called XC and U Hazards), products/completed operations which shall be maintained for one year after final payment for the given Software or Services order, and blanket contractual coverage including Seller's indemnity obligations and Broad Form Property Damage coverage with bodily injury and property damage of combined single limits of not less than those stated above per occurrence.
- (iv) Excess or Umbrella Liability Insurance: Seller shall provide excess or umbrella liability insurance with a combined single limit of not less than \$3,000,000 per occurrence and project or per location aggregate. These limits apply in excess of the insurance coverages required for given Software or Services orders.

(c) Additional Insureds. Except for Worker's Compensation and Employer's Liability Insurance, Seller agrees, with respect to all insurance provided or required in connection with this Agreement as specified below, to endorse or require each policy to: (i) stipulate that such insurance is primary and is not additional to, or contributing with, any other insurance carried by, or for the benefit of Buyer (also referred to in this Agreement as "Additional Insured"); (ii) waive any and all rights of subrogation against Additional Insured; (iii) for the insurance described in Section 3(b)(iii), name Additional Insured as an additional insured using the following wording on the policy and any Certificate of Insurance: "It is agreed that the 'Persons Insured' provision of this policy is amended to include Buyer as additional insured, jointly and severally (collectively, "Additional Insured"), with respect to any coverage such as is afforded by this policy, but only with respect to operations by, or on behalf of, or to facilities of, used by, or for, the Named Insured. It is further agreed that this insurance shall not be prejudiced as to the Additional Insured by any act or negligence, error, or omission of the Named Insured as respects payment of premium, reporting of claims, or any other duties required of the Named Insured by the policy;" and, (iv) for the insurance described in Sections 3(b)(iii), contain a cross liability/severability of interest endorsement.

(d) Failure to Pay Premiums. If Seller's insurance is canceled because Seller failed to pay its premiums or any part thereof, or if Seller fails to provide and maintain certificates as set forth herein, Buyer shall have the right, but shall not be obligated, to pay such premium to the insurance company or to obtain such coverage from other companies and to deduct such payment from any sums that may be due or become due to Seller, or to seek reimbursement for said payments from Seller, which sums shall be due and payable immediately upon receipt by Seller of notice from Buyer.

(e) Waiver of Rights. Seller waives all rights against Buyer and its agents, officers, directors and employees for recovery of damages to the extent these damages are covered by the automobile liability, commercial general liability, or umbrella liability insurance obtained by Seller.

6. INDEMNIFICATION.

(a) To the fullest extent permitted by law, Seller agrees to indemnify, defend and hold harmless Buyer and its parent company, agents, Affiliates, directors, officers and employees (collectively, "Indemnitees") from and against all third party claims for (i) death of or bodily injury to a Buyer employee or third party that is caused by the negligence or intentional misconduct of Seller or its agents or (ii) physical damage to tangible personal property owned by Buyer or a third party that is caused by the negligence or intentional misconduct of Seller or its agents, and will pay costs and damages, losses, fines, penalties and expenses, including attorneys' fees awarded against Buyer (or settled) in any such action that are specifically attributable to Seller's negligence or intentional torts. Such obligation shall not negate, abridge, or otherwise reduce any other right or obligation of indemnity or contribution existing in favor of the Indemnitees. Such obligation to indemnify, defend and hold harmless for damages awarded against an Indemnitee in an action covered by this provision shall not be limited in any way by any limitation on the amount or type of damages, compensation, benefits or insurance proceeds payable by, for or to Seller or anyone directly or indirectly employed by Seller.

(b) To the fullest extent permitted by law, Seller expressly (i) waives the benefit, for itself and all Subcontractors, insofar as the indemnification, defense and hold harmless obligations of Indemnitees are concerned, of the provisions of any applicable worker's compensation law limiting the tort or other liability of any employer on account of injuries to the employer's employees, and (ii) assumes liability in accordance with this Article.

(c) Seller agrees in Supplying of Software or Services under this Agreement that it shall be in compliance with all applicable federal, state, and local environmental and safety laws, regulations, and ordinances, including the Occupational Safety and Health Act and applicable regulations. To the fullest extent permitted by law, Seller agrees to indemnify, defend and hold harmless Indemnitees from any claims made or asserted against same arising out of or related to Work and alleging a failure to comply with any such environmental requirements, including any and all judgments, monetary penalties or fines directed against Indemnitees as a result of Seller's performance of the Work, including reasonable attorney's fees and expenses incurred by Indemnitees in any litigation or regulatory action arising out of such Work.

(d) Seller shall pay all royalties and license fees, if any, that may be payable on account of Seller Supplying or use of any of the Software or Services. Seller agrees to indemnify, defend and hold Indemnitees harmless from any third party claims arising from or based on (in whole or in part) an allegation that the Software or Services or any deliverable provided by Seller or Indemnitees' use thereof or the Seller's Supplying of Software or Services infringes any U.S. patent, trade secret, trademark, copyright, or other intellectual property or proprietary right of any third party. Seller's infringement indemnity obligations with respect to Software or Deliverables, if any, under this Section are conditioned on Buyer's agreement that if the applicable Software or Deliverable becomes, or in Seller's opinion is likely to become, the subject of such a claim, Buyer will permit Seller, at Seller's option and expense, either to procure the right for Buyer to continue using the affected Software or Deliverable or to replace or modify the same so that it becomes non-infringing. Such replacements or modifications will be functionally equivalent to the replaced Software or Deliverable. If the foregoing alternatives are not available on terms that are reasonable in Seller's judgment, Seller shall have the right to require Buyer to cease using the affected Software or Deliverable in which case Seller will refund to Buyer the book value of the affected Software or Deliverable.

(e) As a condition to Seller's indemnity obligations under this Agreement, including any indemnitee obligation referenced in this Section 6, Buyer will provide Seller with prompt written notice of the claim, permit Seller to control the defense, settlement, adjustment or compromise of the claim and provide Seller with reasonable assistance in connection with such defense. Buyer may employ counsel at its own expense to assist it with respect to any such claim; provided, however, that if such counsel is necessary because of a conflict of interest of either Seller or its counsel or because Seller does not assume control, Seller will bear the expense of such counsel.

(f) Seller's obligations set forth in paragraphs (c), (d) and (e) above are in addition to, and in no way shall be construed as a limitation of, Seller's obligations set forth in paragraph (a) above.

(g) THIS SECTION CONSTITUTES SELLER'S SOLE AND EXCLUSIVE OBLIGATION WITH RESPECT TO THIRD PARTY CLAIMS BROUGHT AGAINST BUYER. Seller's obligations under this Article shall survive any termination of the Agreement, the Supplying of Software or Services, or any Purchase Order.

7. CHANGE ORDERS.

There shall be no changes or modifications to the Supplying of Software or Services until a properly executed Change Order has been accepted by Seller. This Agreement shall govern the non-price terms and conditions of any Change Order or Purchase Order accepted by Supplier subsequent to the execution of this Agreement.

8. CLAIMS.

If Seller has any claim against Buyer, excluding claims for payment relating to Change Orders, notice of each such claim shall be submitted in writing to Buyer as soon as practicable after Seller becomes aware of the occurrence of the event-giving rise to the claim. If the Seller disputes Buyer's decision on Seller's properly filed claims, then Seller may invoke the Dispute Resolution procedures of this Agreement.

9. WARRANTIES AND REMEDIES.

(a) **Limited Software Warranty.** For the Warranty Period, Seller warrants to Buyer that the Seller Software will perform substantially in accordance with the Specifications. Seller does not warrant that the Seller Software will operate uninterrupted or error-free. Seller's sole obligation and Buyer's exclusive remedy in connection with the breach of a warranty provided under this section shall be for Seller to repair or replace the non-conforming Seller Software. If Seller, in its sole discretion, is unable to repair or replace non-conforming Seller Software, Seller will refund to Buyer the amount paid for such Software. Seller Software that is repaired or replaced pursuant to this Section will be warranted for the remainder of the original warranty period or 30 days, whichever is longer. Buyer's license to Seller Software for which it has received a refund hereunder shall terminate upon its receipt of a refund.

(b) **Limited Professional Services Warranty.** Seller warrants to Buyer that it shall perform the Professional Services with reasonable care and in a diligent and competent manner. Seller's sole obligation and Buyer's exclusive remedy in connection with a breach of the foregoing warranty shall be to correct or re-perform the non-conforming Professional Services. If Seller, in its sole discretion, is unable to correct or re-perform non-conforming Professional Services, it will refund to Buyer the amount paid for

such Professional Services. Buyer must report any deficiencies in the Professional Services to Seller in writing within 60 days of performance to receive the warranty remedies described herein.

(c) EXCEPT AS EXPRESSLY SET FORTH IN THIS AGREEMENT, SUPPLIER DISCLAIMS ALL EXPRESS OR IMPLIED WARRANTIES, CONDITIONS OR REPRESENTATIONS INCLUDING, WITHOUT LIMITATION, (I) IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, (II) WARRANTIES OF TITLE AND AGAINST INFRINGEMENT AND (III) WARRANTIES ARISING FROM A COURSE OF DEALING, USAGE OR TRADE PRACTICE. TO THE EXTENT ANY IMPLIED WARRANTY CANNOT BE EXCLUDED, SUCH WARRANTY IS LIMITED IN DURATION TO THE EXPRESS WARRANTY PERIOD.

10. CONDITIONS OF PAYMENT.

(a) Invoicing

- (i) Software. Seller will invoice Buyer for the Software upon shipment. Professional Services will be performed either on a time-and-materials basis or a fixed-fee basis, as set forth on the applicable Pricing Summary or SOW. Professional Services performed on a time and materials basis will be invoiced at the end of the calendar month in which they are performed. Professional Services that are performed on a fixed fee basis will be invoiced as set forth on the applicable Pricing Summary or SOW or, if not set forth on a Pricing Summary or SOW, upon completion.
- (ii) Maintenance Services. Fees for Maintenance Services will be invoiced on an annual basis twenty (20) days prior to the commencement of the applicable annual Maintenance Services period.

(b) Payment. Buyer shall pay Seller an amount equal to the undisputed value of the Software and Services within thirty days of the date of Seller's Invoice. In the event of dispute with Buyer concerning payment, Seller shall continue to perform the Work diligently, provided that Buyer shall pay amounts not in dispute and the amount in dispute or a series of disputes does not exceed Twenty-Five Thousand Dollars (\$25,000.00). Undisputed invoices and undisputed portions of invoices shall be paid by Owner within thirty (30) days from the date of receipt of such invoices. For invoices not paid within 30 days of the invoice date, in addition to other remedies to which Supplier may be entitled, Supplier may charge Buyer a late fee of one percent per month applied against undisputed overdue amounts.

(c) Right to Setoff. Buyer may setoff against any amount payable under the Agreement or a Purchase Order any and all present and future indebtedness of Seller to Buyer that is either conceded by Seller or finally awarded to Buyer whether or not related to the Software or Services Supplied pursuant to this Agreement or a Purchase Order.

11. INTELLECTUAL PROPERTY.

All patents, copyrights, mask works, trade secrets, trademarks and other proprietary rights in or related to the Software, Services or Deliverables are and will remain the exclusive property of Seller. Buyer will not take any action that jeopardizes Seller's proprietary rights nor will it acquire any right in the Software, Services or Deliverables or Seller's Confidential Information other than rights granted in this Agreement.

12. SELLER'S DEFAULT AND BUYER'S REMEDIES.

If Seller breaches any term of this Agreement or a Purchase Order and such breach remains uncured to the reasonable satisfaction of Buyer for more than thirty (30) days following Seller's receipt of written notice, or if Seller makes a general assignment for the benefit of creditors, or if a receiver is appointed for Seller, Seller shall be in default of this Agreement. Upon Seller's default, Buyer, without limiting or waiving any other rights which Buyer may have at law or equity, may immediately do any or all of the following: (a) in the case of Seller as the defaulting party, withhold from Seller payments equal to one hundred percent (100%) of the amount Buyer estimates it has been damaged or will be damaged by Seller's default, provided that if a good faith dispute exists as to whether Seller has defaulted, Seller may decline to provide further Software, Services or Deliverables pending the resolution of such dispute; or, (b) in the case of Seller as the defaulting party, seek from Seller monetary damages in excess of any unpaid Contract Sum for the Software or Services Supplied to compensate Buyer for damages it sustained from Seller's default (it being understood that the remedies set forth in Sections 9(a) and (b) constitute Buyer's sole remedy for a breach of any warranty related to the Software or Services). The prevailing party shall be entitled to collect its reasonable attorneys' fees and costs, including expert and consulting fees, incurred in the successful enforcement of any term of this Agreement, including, without limitation, participation in any settlement discussions, alternative dispute resolution processes or litigation.

13. TERMINATION.

(a) Termination for Convenience. Buyer may on at least sixty days prior written notice terminate the Agreement and any Purchase Order thereunder for Buyer's convenience. In the event of such termination, Buyer shall pay Seller any unpaid Software license fees together with that portion of the Services that have been completed under the terminated Purchase Order to date less any back charges resulting from Seller's breaches of this Agreement or billing disputes and less any payments already made by Buyer for the Software and Services and Buyer shall be obligated to purchase and Supplier shall be obligated to provide any product or service that is the subject of an unfulfilled order accepted by Supplier prior to the time of any such termination.

(b) In the event that a party breaches a provision hereof and such breach goes uncured to the reasonable satisfaction of the non-breaching party for more than thirty (30) days following receipt of written notice of such breach from the non-breaching party, then the non-breaching party may terminate this Agreement and any Purchase Orders issued hereunder by providing a notice of termination to the breaching party.

(c) Cessation of Services upon Termination. Upon receipt of notice of termination of Seller by Buyer for any reason as set forth in this Article, Seller shall promptly cease supplying all Services for Buyer under the affected Purchase Order and inform Buyer in writing of the status of the Software and Services within seven days after the termination. Any notice of termination shall only affect the parties named in such notice and shall not affect the Seller's contract with any Affiliate to the extent they are not specifically included in such notice of termination.

(d) Suspension of Supplying Services. Upon written notice to Seller, Buyer may order that Seller suspend all or any part of the Supplying of Services provided under the Contract Documents. Buyer shall pay Seller all monies otherwise due hereunder to the date of the suspension, including all unpaid Software license fees, plus all identifiable expenses directly related to such suspension.

(e) No Overhead Costs or Profits. Whether Buyer terminates Seller or suspends Seller's Supplying of Services, in no event shall Buyer be responsible for termination expenses, for overhead costs associated with Services not Supplied by Seller, for any profits Seller would have earned if it had Supplied the Services, or for any special, consequential, incidental, or indirect damages.

14. NOTICES.

Any notices required by this Agreement or by law shall be in writing and addressed to: (i) in the case of Buyer, the Vice President, Supply Chain at the address for Buyer set forth on the first page hereof; and (ii) in the case of Seller, the authorized officer at the address for Seller set forth on the first page hereof, as well as any parties identified for notice purposes in any pertinent Purchase Order, and shall be properly served when sent via overnight mail, certified mail, postage prepaid return receipt requested, or when received by facsimile at the facsimile number set forth in this Agreement or Purchase Order. Notices shall be effective upon receipt or refusal to accept. Either party may change its address for the purpose of this Agreement by giving written notice of such change to the other party in the manner provided in this Article 12.

15. DISPUTE RESOLUTION.

(a) Step Negotiations. The parties shall attempt in good faith to resolve all Controversies promptly by negotiation, as follows. Any party may give the other party written notice of any Controversy not resolved in the normal course of business. Executives of both parties at levels at least one level above the project personnel who have previously been involved in the Controversy (the "Executives") shall meet at a mutually acceptable time and place within ten days after delivery of such notice, and thereafter as often as they reasonably deem necessary, to exchange relevant information and to attempt to resolve the Controversy. If the matter has not been resolved within thirty days from the referral of the Controversy to Executives, or if no meeting of Executives has taken place within fifteen days after such referral, either party may initiate mediation as provided hereinafter. If a negotiator intends to be accompanied at a meeting by an attorney, the other negotiator shall be given at least three working days notice of such intention and may also be accompanied by an attorney. All negotiations pursuant to this Article 13 are confidential and shall be treated as compromise and settlement negotiations for purposes of the Federal Rules of Evidence and state rules of evidence. Nothing contained herein shall limit Buyer's rights and remedies as otherwise set forth in this Agreement.

(b) Mediation and Arbitration. In the event that any Controversy arising out of or relating to this Agreement is not resolved in accordance with the procedures provided above, such Controversy shall be submitted to mediation to mutually agreeable mediators from the American Arbitration Association. The mediation shall be administered at the location agreed to by the parties. If the mediation process has not resolved the Controversy within thirty days of the submission of the matter to mediation, or such longer period as the parties may agree to, the mediation process shall cease. Provided, that the mediation process has not resolved the Controversy within thirty days of the submission of the matter to mediation or a longer time if agreed to by the parties, all Controversies will be decided by arbitration by the American Arbitration Association or by a mutually agreed upon arbitrator. The arbitration shall be administered at the location agreed to by the parties and be conducted in accordance with the American Arbitration Association Construction Industry Arbitration Rules then applicable, or a mutually agreed upon set of arbitration rules. This agreement to arbitrate, and any other agreement or consent to arbitrate entered into in accordance herewith, will be specifically enforceable under the prevailing arbitration law of any court having jurisdiction. Notice of demand for arbitration must be filed in writing with the other parties to this Agreement and with the dispute resolution tribunal. The demand must be made within a reasonable time after the Controversy has arisen. In no event may the demand for arbitration be made after institution of legal or equitable proceedings based on such Controversy would be barred by the applicable statute of limitations. The arbitration award shall be specifically enforceable in any court of competent jurisdiction. No arbitration, arising out of or relating to this Agreement or to a Purchaser Order issued hereunder, shall include, by consolidation, joinder or in any other manner, any additional person not a party to this Agreement, except as provided herein or by written consent containing a specific reference to this Agreement and signed by Seller and Buyer and any other person sought to be joined. Any consent to arbitration involving an additional person or persons shall not constitute consent to arbitration of any Controversy not described herein.

16. **HAZARDOUS MATERIALS.**

Use of Hazardous Materials. Seller shall not Supply any Services or Deliverable in which it uses or incorporates, in whole or in part, any Hazardous Materials in violation of any Environmental Requirements, or in such a manner as to leave any Hazardous Materials which could be hazardous to persons or property or cause liability to Buyer. Seller shall upon discovery of an existing or suspected release on or at the Site, cease Supplying Services in that area, immediately contact the Buyer's Designated Representative and Environmental Health & Safety On-site Coordinator and notify Buyer in writing. If the release is subject to reporting pursuant to any Environmental Requirements, Seller shall report the release to governmental authorities, or ensure that Buyer's Designated Representative reports the release to governmental authorities. Seller shall continue Supplying Services at the Site in the areas unaffected by the release unless otherwise advised by Buyer. Upon receiving Buyer's prior written approval, Seller shall remove and properly dispose of all Hazardous Materials and Waste Materials in compliance with all applicable federal, state, and local requirements governing such Hazardous Materials and removal, transportation, and disposal thereof. Upon request, Seller shall provide Buyer with a copy of any licenses, permits, or manifests used in connection with the disposal of any Hazardous Materials or Waste Materials. In the event Seller or its Subcontractors transport Waste Materials to an off-site facility (or facilities) for treatment and/or disposal, Seller or its Subcontractor shall ensure that such facility is in compliance with all Environmental Requirements. Seller shall notify Buyer in writing upon receipt of any material at the Site requiring Material Safety Data Sheets (MSDS), and Seller shall promptly provide the MSDS; furthermore, Seller shall remove all unused materials and non-Buyer waste products from the project Site upon completion of the Work and properly dispose of all such waste products.

17. **RIGHT TO AUDIT AND INSPECT.**

Buyer's representatives shall have, during the term of the Agreement and any Purchase Order which survives the term of this Agreement and for two years thereafter, access at all reasonable times, and upon twenty-four hours notice, to all of Seller's and its Subcontractors' accounts and records of all description pertaining to any amounts invoiced to Buyer at Seller's invoiced actual cost. Payment or payments shall not be deemed a waiver of any rights of Buyer to audit or to have adjustments made. Buyer shall have the right, but not the obligation, at all reasonable times to inspect the Services wherever performed. Such inspection by the Buyer shall in no way relieve Seller from its obligations under the Agreement or any Purchase Order issued under the Agreement.

18. **SMALL BUSINESS CONCERNS (FOR WORK PERFORMED FOR NORTHERN INDIANA PUBLIC SERVICE COMPANY [NIPSCO]).**

(a) It is the policy of the United States that small business concerns, small business concerns owned and controlled by veterans, qualified HUBZone small business concerns, small business concerns owned and controlled by socially and economically disadvantaged individuals, and small business concerns owned and controlled by women shall have the maximum practicable opportunity to participate in the performance of contracts let by any Federal agency, including contracts and subcontracts for subsystems, assemblies, components, and related services for major systems. It is further the policy of the United States that its prime contractors establish procedures to ensure the timely payment of amounts due pursuant to the terms of its subcontracts with small business concerns, small business concerns owned and controlled by veterans, qualified HUBZone small business concerns, small business concerns owned and controlled by socially and economically disadvantaged individuals, and small business concerns owned and controlled by women.

(b) The Seller hereby agrees to carry out this policy in the awarding of subcontracts to the fullest extent consistent with the efficient performance of this Agreement. The Seller further agrees to cooperate in any studies or surveys as may be conducted by the United States Small Business Administration or the awarding agency of the United States as may be necessary to determine the extent of the Seller's compliance with this Article.

(c) As used in this Agreement, the term "small business concern" shall mean a small business as defined pursuant to section 3 of the Small Business Act [15 U.S.C.A. 632] and relevant regulations promulgated pursuant thereto. The term 'small business concern owned and controlled by socially and economically disadvantaged individuals' shall mean a small business concern:

- (i) which is at least 51 per centum owned by one or more socially and economically disadvantaged individuals; or, in the case of any publicly owned business, at least 51 per centum of the stock of which is owned by one or more socially and economically disadvantaged individuals; and
 - (ii) whose management and daily business operations are controlled by one or more of such individuals.
- The Seller shall presume that socially and economically disadvantaged individuals include Black Americans, Hispanic Americans, Native Americans, Asian Pacific Americans, and other minorities, or any other individual found to be disadvantaged by the Administration pursuant to section 8(a) of the Small Business Act [15 U.S.C.A. 637(a)].

(d) The term "small business concern owned and controlled by women" shall mean a small business concern:

- (i) which is at least 51 per centum owned by one or more women; or, in the case of any publicly owned business, at least 51 per centum of the stock of which is owned by one or more women; and
- (ii) whose management and daily business operations are controlled by one or more women.

- (e) The term "small business concern owned and controlled by veterans" shall mean a small business concern:
- (i) which is at least 51 per centum owned by one or more eligible veterans; or, in the case of any publicly owned business, at least 51 per centum of the stock of which is owned by one or more veterans; and
 - (ii) whose management and daily business operations are controlled by such veterans. The Seller shall treat as veterans all individuals who are veterans within the meaning of the term under section 632(q) of this title.

(f) Sellers acting in good faith may rely on written representations by its subcontractors regarding its status as either a small business concern, small business concern owned and controlled by veterans, a small business concern owned and controlled by socially and economically disadvantaged individuals, or a small business concern owned and controlled by women.

(g) In this Agreement, the term "qualified HUBZone small business concern" has the meaning given that term in section 632(p) of this Title.

19. NONDISCRIMINATION/EQUAL OPPORTUNITY.

It is Buyer's policy that small business concerns and small business concerns owned and controlled by socially and economically disadvantaged individuals have the maximum practicable opportunity to participate in the performance of contracts let by Buyer. Seller hereby agrees to carry out this policy in the awarding of subcontracts to the fullest extent consistent with the efficient performance of this Agreement. Seller shall, unless exempt, comply with the federal and state regulations pertaining to nondiscrimination and affirmative action.

20. DELIVERY, USE, AND RETENTION OF DOCUMENTATION.

Seller shall provide Buyer with all information and documentation (which includes drawings, reports, and designs) within Seller's scope of Supply and which is required by Buyer for the operation, or maintenance of the Software. Seller shall promptly provide to Buyer all such information and other materials relating to the Software that Buyer may request in connection with any filing or other submission Buyer is making with any regulatory or other governmental body. Buyer may disclose all such information to such regulatory and other governmental body as required by law. In addition, Seller shall cooperate with Buyer as requested by Buyer with respect to such filings or submissions. Any drawings or submittals required by the Contract Documents to be submitted to Buyer for review shall be submitted by Seller without unreasonable delay.

21. CONFIDENTIAL INFORMATION.

(a) During the term of this Agreement and thereafter, except as either party may authorize in writing, each party shall and shall cause its employees and Subcontractors to: (i) treat and cause to be treated as confidential all Confidential Information; (ii) not disclose any Confidential Information to any third party or make available any reports, recommendations, or conclusions based on the Confidential Information to any third party without disclosing party's prior written approval; (iii) reveal the Confidential Information only to those employees of receiving party who require such access in order to Supply the Software or Services hereunder; (iv) if requested by either party, grant access to Confidential Information only to employees of receiving party or Subcontractor who have signed a confidentiality agreement; (v) use Confidential Information only in connection with the Supplying of Software or Services pursuant to this Agreement; (vi) make copies of any tangible embodiment of Confidential Information only as necessary for the Supplying of such Software or Services; (vii) remove any tangible embodiment of Confidential Information from the premises of disclosing party only with the express permission of disclosing party and (viii) return any or all tangible embodiments of Confidential Information to disclosing party promptly following the request of disclosing party, and in any event upon completion of Supplying Software or Services pursuant to the Agreement. Receiving party may disclose all such information to such regulatory and other governmental body as required by law.

(b) Irreparable Harm. Buyer and Seller acknowledge that the breach of any of the covenants contained in this Article will result in irreparable harm and continuing damages to the disclosing party and its business, and that the disclosing party's remedy at law for any such breach or threatened breach would be inadequate. Accordingly, in addition to such remedies as may be available to disclosing party at law or in equity in the event of any such breach, any court of competent jurisdiction may issue an injunction (both preliminary and permanent), without bond, enjoining and restricting the breach or threatened breach of any such covenant, including an injunction restraining receiving party from disclosing, in whole or in part, any Confidential Information.

(c) The obligations of this Article shall survive any termination of this Agreement.

22. TAXES.

(a) Social Security and Other Taxes. Seller shall keep all records and make all payments required by the Federal Social Security Act and all Social Security, Unemployment Compensation or other laws and regulations of any and all states in which it does business.

(b) Taxes.

- (i) For Software or Services Supplied to NIPSCO, it is mutually agreed that all applicable federal, state, and local net or gross income or gross receipts taxes, such taxes being the sole liability and obligation of Seller. NIPSCO is exempt from Indiana Sales Tax in the purchase of materials used in the production of

electricity. Should any purchases be held by the Indiana Department of Revenue to be subject to the Indiana Sales Tax, NIPSCO will pay any such tax directly to the State of Indiana set forth in NIPSCO's Direct Pay Authority Sales and Use Tax. Seller shall not include Indiana Sales Tax in its price for Material, provided NIPSCO will provide Seller with a copy of its Tax Exemption Certificate, or Direct Pay Permit upon execution of a Purchase Order.

- (ii) For all other Supplying of Software or Services subject to this Agreement, unless otherwise indicated on the face of the applicable Purchase Order, Seller agrees that all applicable federal, state, and local sales and use tax are not included in the Contract Sum and Buyer shall be obligated to reimburse Seller therefore. Such taxes are the sole liability and obligation of Buyer.

23. MISCELLANEOUS.

(a) **Buyer's Right to Supply the Services.** Buyer reserves the right to immediately stop, or to take over any portion of, Seller's Supplying of the Services if Seller fails to correct Defective Services or fails to Supply Software as required.

(b) **Buyer and Seller expressly waive all claims for all consequential, incidental, indirect, punitive, special damages or exemplary damages arising out of or relating to this Agreement or a Purchase Order issued pursuant to this Agreement. This waiver includes but is not limited to damages incurred for losses of use or corruption of data, income, savings or profits including anticipated profits arising directly from the Supplying of Software or Services, financing, business and reputation, loss of management or employee productivity or of the services of such persons, delay, acceleration, extended general conditions, home office overhead, and principal office expenses including the compensation of personnel stationed at the home office, EVEN IF SELLER HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES. This provision shall survive the termination of the Agreement. EXCEPT FOR ANY INDEMNIFICATION OBLIGATIONS SET FORTH IN SECTION 6 (a), (c), (d) AND (e), THE AGGREGATE LIABILITY OF SUPPLIER AND ITS AFFILIATES AND ITS AND THEIR OFFICERS, DIRECTORS, EMPLOYEES OR OTHER REPRESENTATIVES, ARISING IN ANY WAY IN CONNECTION WITH THIS AGREEMENT—WHETHER UNDER CONTRACT LAW, TORT LAW, WARRANTY OR OTHERWISE—SHALL NOT EXCEED THE TOTAL AMOUNT PAID BY BUYER TO SUPPLIER UNDER THIS AGREEMENT FOR THE SOFTWARE AND PROFESSIONAL SERVICES; PROVIDED HOWEVER, THAT NOTHING IN THIS SENTENCE SHALL BE CONSTRUED TO LIMIT THE APPLICABLE INSURANCE REQUIRED TO BE MAINTAINED BY SELLER FOR THE BENEFIT OF BUYER PURSUANT TO THIS AGREEMENT. SUPPLIER'S PRICING REFLECTS THIS ALLOCATION OF RISKS AND LIMITATION OF LIABILITY.**

(c) **No Third-Party Beneficiaries.** No provision of the Contract Documents is intended or shall be construed to be for the benefit of any third party.

(d) **Interpretation/Forum.** Article and Section headings are for reference only and do not interpret, define or limit the scope or content of this Agreement or any provision hereof and shall be given no legal effect in the interpretation of this Agreement. This Agreement shall be construed in accordance with the laws of the State of Indiana. No provision of this Agreement shall be interpreted more or less favorably towards either party because its counsel drafted all or a portion hereof. If any provision of this Agreement is found to be invalid, all of the remaining provisions of this Agreement shall nonetheless remain in full force and effect. This Agreement may be executed in counterparts, each of which shall be deemed an original, but which together shall constitute one and the same instrument.

(e) **Non-Waiver.** The failure of either party to insist upon strict performance by the other party, or party's failure or delay in exercising any rights or remedies provided in the Agreement or by law shall not be deemed or construed as a waiver of any claims. No waiver by either party of a breach of any provision of the Agreement shall constitute or be construed as a waiver of any other breach of that provision. No payment, final or otherwise, nor the acceptance of any design, shall be construed as (i) an acceptance of Defective Software or Services, (ii) relieving Seller of its obligations to make good any defects or consequences for which Seller may be responsible, or (iii) a waiver of any obligations of Seller under the Agreement.

(f) **Assignment.** Neither party shall assign or transfer any rights, claims, interests, or obligations in this Agreement including monies that are due or may be due, without the prior written consent of the other party, which consent may not be unreasonably withheld; provided, however, that no consent to assignment shall be necessary in connection with a party's merger, consolidation, reorganization, sale of at least fifty percent (50%) of its equity interest or the sale of a party's business or all or substantially all of a party's assets. Upon the permitted Assignment by either party of its rights, claims, interest, or obligations under this Agreement and the assumption by Assignee of the party's rights, claims, interests, or obligations under this Agreement, the assignee shall be responsible for payment to the other party of all sums owed under this Agreement and for any other duties imposed upon either party under this Agreement, and in the event of such assignment, neither party shall have any further duties or obligations under this Agreement. Subject to the foregoing, this Agreement shall be binding upon and inure to the benefit of the parties hereto, its successors and assigns.

(g) **Integration.** This Agreement represents the entire and integrated agreement between Buyer and Seller with respect to its subject matter and shall supercede all prior negotiations, representations, or agreements and Buyer represents and acknowledges that it has not relied on any representation or warranty other than those explicitly set forth in this Agreement in connection with its execution of this Agreement. This Agreement may be amended, modified, or waived only by written instrument signed by Authorized

Representatives of each party. No approval given, payment made, possession taken, action taken or failure to act by Buyer under this Agreement shall operate to relieve Seller from any of its responsibilities under the Contract Documents or be deemed as an approval by Buyer of any deviation contained in any items or documents subject to such approval from, or of any failure by Seller to comply with, any requirement of the Contract Documents, unless such deviation or failure has been specifically approved by a written modification to this Agreement. A waiver by either party of any breach of this Agreement shall not be held to be a waiver of any other breach whether prior to or subsequent thereto. Unless otherwise stated in a delegation of authority, Buyer's Designated Representative does not have authority to amend or waive any portion of this Agreement. The Contract Documents referenced in this Agreement supersedes all prior oral or written agreements, commitments or understandings with respect to the matters provided for herein. There are no representations, agreements, arrangements or understandings, oral or written, among the parties relating to the subject of this Agreement that are not fully expressed herein.

(h) Construction. Any reference to any federal, state or local statute or law shall be deemed to refer to all rules and regulations promulgated thereunder, unless the context requires otherwise.

(i) Force Majeure. Neither Party will be responsible for any failure or delay in performing any obligation hereunder, other than Buyer's obligation to pay, if such failure or delay is due to a cause beyond the Party's reasonable control, including, but not limited to acts of God, flood, fire, volcano, war, third-party suppliers, labor disputes or governmental acts.

DELEGATION OF AUTHORITY

I, Violet Sistovaris, Senior Vice President, Administrative Services and CIO of NiSource Corporate Services, do hereby appoint Martin Zain, (hereinafter referred to as "Delegate"), Director of Supply Chain Services of NiSource Corporate Services Company, as my Agent and Delegate, effective for the period beginning July 1, 2009, and ending on July 31, 2009, for purposes of approving all vouchers up to [REDACTED] and other transactions requiring my approval during this period.

This Delegation of Authority shall continue until the earlier of the date a) expressly stated in this delegation of authority, b) the Company expressly revokes this delegation, c) a successor is appointed, d) the Delegate is no longer an employee of the Company in the position identified above, or e) six months from the date the delegation period began.

This Delegation of Authority is hereby authorized on July 1, 2009.
(date)

By: Violet Sistovaris
Violet Sistovaris

Cc: Supply Chain Management Team
Susan Taylor (Segment Controller NCS)



2111 N. Moller Rd.
Liberty Lake, WA 99019

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www.itron.com

Exhibit A

Mobile Automated Meter Reading (AMR) System **Best & Final Pricing**

NiSource

BMR# 5663B-08 Ver7 Jul
July 1, 2009

| Item | Description | Part Number | Qty | Unit Price | Extended Price |
|------------------------------|---|----------------------------|-----|---------------------------------|-------------------|
| Software | | | | | |
| 1 | FCS Software License up to 2,500,000 Meters | FCSI | 1 | | |
| 2 | MAMR System Software Activation for FCS 150,001 meters and up | FCSMAMR | 1 | | |
| 3 | Mobile Activation-First Year Support for FCS 150,001 meters and up | FMF Support | 1 | | |
| 4 | Endpoint Link Pro Incremental pricing for up to 100 Users | EPL SERVER SWK-0059-003 | 1 | | |
| 5 | User Seat License Fee - 51 -100 Additional 72 Users | EPL USER LIC E#DISP E | 72 | | |
| 6 | Orion Third Party Software | SFL-0633-001 | TBD | | |
| | | | | Software Total | |
| Professional Services | | | | | |
| 7 | FCS Software Implementation Services | Services | 1 | | |
| 8 | Project Management Services | Services | 1 | | |
| 9 | PTR Implementation and Operation | Services | 1 | | |
| | | | | Services Total | |
| | | | | TOTAL | |
| Annual Maintenance | | | | | |
| 10 | Mobile Collection 3.0 and Mapping Solution | Maintenance | 25 | Per Unit | Annual Fee |
| 11 | FC200SR, SRead RADIO, CE.NET 4.2, 256/512MB CF | Maintenance | 72 | | |
| 12 | Ethernet Multi-Drop Desk Dock, for 6 Units | Maintenance | 12 | | |
| 13 | FCS Software License up to 2,500,000 Meters | Maintenance | 1 | | |
| 14 | Endpoint Link Pro Incremental pricing for up to 100 Users | Maintenance | 1 | | |
| 15 | User Seat License Fee - 51 -100 Additional 72 Users | Maintenance | 72 | | |
| | | | | Annual Maintenance Total | |



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Exhibit A

Mobile Automated Meter Reading (AMR) System

Best & Final Pricing

NiSource

BMR# 5663B-08 Ver7 Jul
July 1, 2008

Optional Items

| <u>MVRS</u> | | | | | |
|-----------------|---|--------------|-----|--|-----|
| 16 | MVRS Software License - 1,500,001-2,000,000 Meters Serviced | MVRS N | 1. | | |
| | First Year Customer Support | Support | 1 | | |
| 17 | MVRS Software Implementation Services | Services | 1 | | |
| 18 | MVRS Software License - 1,500,001-2,000,000 Meters Serviced | Maintenance | 1 | | |
| <u>Disposal</u> | | | | | |
| 19 | All 40G Series Residential (Non Mercury) | EDS-1001-001 | TBD | | TBD |
| 20 | All 40G Series Residential (Mercury) | EDS-0001-001 | TBD | | TBD |
| 21 | All 40G Series Remote ((Non Mercury) | EDS-1001-003 | TBD | | TBD |
| 22 | All 40G Series Remote (Mercury) | EDS-0001-003 | TBD | | TBD |
| 23 | All 40G Series Commercial (Non Mercury) | EDS-1001-002 | TBD | | TBD |
| 24 | All 40G Series Commercial (Mercury) | EDS-0001-002 | TBD | | TBD |



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Exhibit A

Mobile Automated Meter Reading (AMR) System

Best & Final Pricing

NISource

BMR# 5663B-08 Ver7 Jul
July 1, 2009

Notes and Assumptions

Software

- (1) If additional servers are required for Endpoint Link Pro Software, NISource will need to purchase extra Itron Software Licenses.
- (2) Itron will discount the FCS license for NISource at a rate of [redacted] per year that NISource was paying for their current meter reading software system. Itron will work with NISource to agree on the number of years that integrator was under a maintenance agreement and will discount the FCS system by the subsequent amount. For example, if 10 years on maintenance, then the discount would be [redacted] discount.
- (3) Warranty period for all Seller Software (with the exception of MVRS) is [redacted] days from the date of shipment. Warranty Period for MVRS is one year from the date of shipment.
- (4) Beginning upon the warranty start date for FCS Software, and Integrator software maintenance fees prepaid by NISource shall be applied to either a) an extended FCS software warranty or b) as credit toward FCS annual maintenance charges.

Professional Services

- (4) Professional Services estimate is based on preliminary information and is subject to change. Estimate will be revised after completion of a detailed requirements analysis, thorough discussion with the customer, and development of a mutually agreed upon, Statement of Work. Itron standard hourly rates range from [redacted]

FCS Software Implementation:

The FCS Software Implementation estimate above quotes a total of [redacted] Itron FCS deployment is expected to take approximately 13 weeks and includes the following tasks. Most of these tasks will be assigned to a Technical Consultant, with some potential participation of Itron development staff.

- Project management and communications = 16
- Planning: kick-off meeting and SOW = 156
- Planning: gap analysis evaluation = 48
- Design: remote support, pre-installation activities = 26
- Build: system installation, configuration and training; system test support = 82
- Build: Training - dispatcher, FSR, mobile = 128
- Run: Go Live Support - onsite and remote = 68
- Transfer: transition to long-term support and project close = 8

Project Management Services:

The Project Management Services estimate above quotes a total of 763 hours at an hourly rate of [redacted]
Resources: Project Manager
Project Management Services includes a full time resource for the first month of the project and 10 hours per month for the remainder of the 5 years. The project manager is responsible for defining and managing scope; overseeing solution design, testing and training activities; and coordinating various activities of the project.

PTR Software Implementation:

The PTR Software Implementation estimate above quotes a total of 1400 hours at an hourly rate of [redacted]
Resources: Technical Consultant / Developer - 140 hours; Business Consultant - 1,260 hours
PTR Implementation and Operation includes 140 hours for implementation of the Project Tracking and Reporting tool and an additional one hour per day to process inventory and completed installation work order data. The PTR tool is a flexible web-based reporting tool that uses workorder, inventory, and other data files to provide project deployment reporting such as installation progress and route saturation, installer quality metrics, inventory management and reconciliation, and workorder exception reporting. PTR is a critical tool used by Itron, installation contractors, and utility customers as a part of large-scale deployment projects.

- (5) The MV-RS estimate above quotes a total of 287 hours at an hourly rate of [redacted]
- (6) Travel expenses are not included above and will be billed based on actual. Itron estimates \$1 per diem, and 28 airfares for FCS and 16 per diem, and 4 airfares for MV-RS. Estimated travel and expenses are [redacted]
- (7) Itron offers Project Management and Project Tracking and Reporting Services to assist NISource with the deployment effort.
- (8) Itron assumes NISource's current Endpoint Link Pro Implementation will support the deployment effort with no additional charges.

Exhibit A- 1

NISOURCE Maintenance Coverage Summary

| SCID | Location | 7 | 6 | 10 | 3 | 6 | 3 | 2 | 2 | MVRS | |
|---------------------------------|-----------------------------------|-----|-----|-----|----|----|----|---|---|------------|-----|
| SC00003894 | Bay State 1441 | 7 | 6 | 10 | 3 | 6 | 3 | 2 | 2 | MVRS | |
| SC00001269 | Bay State 1441 (QA Hold / Neg.) | 2 | 2 | 7 | 2 | 1 | 2 | | 1 | | |
| SC00001504 | Kokomo 1922 | 7 | 7 | | | | | | | MVRS | |
| Warranty | Kokomo 5096 (Nov 2009) | | | 6 | 1 | | | | | | TBD |
| SC00001552 | Nipsco Energy Services 2082 | 38 | 28 | 173 | 16 | 25 | 28 | | | MVRS | TBD |
| SC00001949 | Nipsco Energy Services 2082 | | | | | | | | | MV90x, etc | |
| SC00001503 | Northern Ind. Fuel & Light (T.Co) | 13 | 13 | | | | | | | MVRS | TBD |
| BFG Membership | NISource Corp Services | | | | | | | | | | |
| No Maintenance | Columbia Gas / Maryland 11708 | | | 2 | | 2 | 1 | 1 | | | TBD |
| SC00000045 | Columbia Gas / Ohio 1751 | 143 | 133 | 4 | 21 | 3 | 5 | 1 | 1 | INTEGRATOR | |
| ERTs Only | Columbia Gas / Kentucky | | | | | | | | | | |
| (Offer Pending) | Columbia Gas / Penn 7787 | 66 | 66 | | | | | | | MVRS | TBD |
| (Offer Pending) | Columbia Gas / Virginia 3689 | 40 | 40 | 5 | 1 | | 1 | | 1 | MVRS | TBD |
| Maintenance Fees / Type: | | | | | | | | | | | |
| Total Maintenance Fees: | | | | | | | | | | | |

- 1) Table indicates Maintenance / Subscription status for HW & SW owned and operated by NISource and affiliates.
- 2) Orange type indicates the System HW and SW which are on a Maintenance, Agreement, at the total dollars shown. Coverage will continue under the new Software and Services Agreement.
- 3) Black type indicates System HW and SW shipped to and owned by the NISource location listed. Items are not under maintenance, however Itron will provide new / consolidated offers to insure effective coverage for all NISource locations, under the new Software and Services Agreement.
- 4) Blue type indicates system HW and SW shipped to and owned by NISource location listed, waiting final offer approval. Coverage will be provided under the new Software and Services Agreement.
- 5) NISource owns and operates EndPoint-Link Pro, however the specific ownership and location use is not clear. Configurations and use of EPLP is being researched, with a planned maintenance offer forthcoming.
- 6) Detailed Contract Prints of current contracts are available upon request.

| | | | | | | | | | |
|-----------------|-----------------|--------|----------------------------------|----------------|---|------------|------------|------------|------------|
| 72501240 | 72501240 | 0 | Nisource / Bay State Gas Company | UCI-1000-002 | MOBILE COLLECTOR RF UNIT | WR00013639 | 01/01/2005 | 12/31/2005 | SC00000973 |
| ZZGEG7092Z6881 | ZZGEG7092Z6881 | 117942 | Nisource / Bay State Gas Company | SWA-0119-009 | ITX.GR3.V2.7, 1.8GHZ, 2GB, 2 PSU, 802.11 | WR00064467 | 08/11/2007 | 10/31/2008 | SC00000973 |
| ZZGEG7092Z6895 | ZZGEG7092Z6895 | 117912 | Nisource / Bay State Gas Company | SWA-0119-009 | ITX.GR3.V2.7, 1.8GHZ, 2GB, 2 PSD, 802.11 | WR00064467 | 08/11/2007 | 10/31/2008 | SC00000973 |
| 391677 | 391677 | 0 | Nisource / Bay State Gas Company | BCS-0003-002 | BCS.G5 P00 | WR00005526 | 01/01/2005 | 12/31/2005 | SC00001269 |
| 391678 | 391678 | 0 | Nisource / Bay State Gas Company | BCS-0003-002 | BCS.G5 P00 | WR00073681 | 01/01/2005 | 12/31/2005 | SC00001269 |
| C0XV11 | C0XV11 | 0 | Nisource / Bay State Gas Company | UCI-1000-001 | MOBILE COLLECTOR RF UNIT | WR00013318 | 03/20/2007 | 06/30/2007 | SC00001269 |
| WZGEG5259Z6211 | WZGEG5259Z6211 | 0 | Nisource / Bay State Gas Company | FC2-0001-002 | FC2.RAPTOR.128MB,53KEY | WR00011133 | 12/22/2005 | 12/21/2006 | SC00001269 |
| ZZM0R5026Z10012 | ZZM0R5026Z10012 | 0 | Nisource / Bay State Gas Company | OEM-0065-013 | OEM.FC2/R DESK DOCK.ETHERNET.SINGLE ETHERNET DESK DOCK | WR00016175 | 06/21/2005 | 06/23/2006 | SC00001269 |
| ZZM0R5027Z10001 | ZZM0R5027Z10001 | 0 | Nisource / Bay State Gas Company | OEM-0065-013 | OEM.FC2/R DESK DOCK.ETHERNET.SINGLE ETHERNET DESK DOCK | WR00016489 | 06/21/2005 | 06/23/2006 | SC00001269 |
| ZZGEG6299Z0696 | ZZGEG6299Z0696 | 0 | Nisource / Bay State Gas Company | SWA-0069-011 | ITX.GBM.V2.5.2 | WR00022191 | 11/13/2006 | 01/31/2008 | SC00001269 |
| 100151 | 100151 | 0 | Nisource / Bay State Gas Company | TRX-0001-003 | TRX.G5R.TOP LEVEL | WR00030510 | 01/01/2005 | 12/31/2005 | SC00001269 |
| 100195 | 100195 | 0 | Nisource / Bay State Gas Company | TRX-0001-003 | TRX.G5R.TOP LEVEL | WR00030513 | 01/01/2005 | 12/31/2005 | SC00001269 |
| ZZGEG3113Z9789 | #N/A | 0 | Nisource / Bay State Gas Company | SWA-0069-011 | ITX.GBM.V2.5.2 | WR00022179 | 01/01/2005 | 12/31/2005 | SC00003162 |
| 396029 | 396020 | 0 | Nisource / Bay State Gas Company | BCS-0003-001 | OBS.BCS.G5.P00 | WR00001206 | 01/01/2005 | 03/31/2005 | SC00003891 |
| 391727 | 391725 | 0 | Nisource / Bay State Gas Company | BCS-0003-002 | BCS.G5 P00 | WR00001118 | 01/01/2005 | 12/31/2005 | SC00003891 |
| 391732 | 391732 | 0 | Nisource / Bay State Gas Company | BCS-0003-002 | BCS.G5 P00 | WR00001152 | 01/01/2005 | 12/31/2005 | SC00003891 |
| 391821 | 391821 | 0 | Nisource / Bay State Gas Company | BCS-0003-002 | BCS.G5 P00 | WR00001176 | 01/01/2005 | 12/31/2005 | SC00003891 |
| 395860 | 395860 | 0 | Nisource / Bay State Gas Company | BCS-0003-002 | BCS.G5 P00 | WR00007770 | 01/01/2005 | 12/31/2005 | SC00003891 |
| WU107068 | WU107068 | 0 | Nisource / Bay State Gas Company | BCS-0003-002 | BCS.G5 P00 | WR00001218 | 01/01/2005 | 12/31/2005 | SC00003891 |
| 72501210 | 72501210 | 0 | Nisource / Bay State Gas Company | UCI-1000-002 | MOBILE COLLECTOR RF UNIT | WR00013639 | 01/01/2005 | 12/31/2005 | SC00003891 |
| 72502168 | 72502168 | 117912 | Nisource / Bay State Gas Company | DCI-1250-002 | MC2.5.RF UNIT TOP LEVEL | WR00064467 | 08/11/2007 | 10/31/2008 | SC00003891 |
| 72502217 | 72502217 | 117912 | Nisource / Bay State Gas Company | DCI-1250-002 | MC2.5.RF UNIT TOP LEVEL | WR00064467 | 08/11/2007 | 10/31/2008 | SC00003891 |
| 71005121 | 71005121 | 115137 | Nisource / Bay State Gas Company | DCI-5300-001 | MC3.RF UNIT | WR00073921 | 09/21/2008 | 11/30/2009 | SC00003891 |
| 71005122 | 71005122 | 115137 | Nisource / Bay State Gas Company | DCI-5300-001 | MC3.RF UNIT | WR00073921 | 09/21/2008 | 11/30/2009 | SC00003891 |
| WZGEG7212Z67911 | WZGEG7212Z67911 | 128517 | Nisource / Bay State Gas Company | FC2-0005-002 | FC2.SUPER RAPTOR.256MB,W/O BLUETOOTH | WR00066710 | 12/19/2007 | 02/28/2009 | SC00003891 |
| WZGEG7212Z67917 | WZGEG7212Z67917 | 128517 | Nisource / Bay State Gas Company | FC2-0005-002 | FC2.SUPER RAPTOR.256MB,W/O BLUETOOTH | WR00066710 | 12/19/2007 | 02/28/2009 | SC00003891 |
| WZGEG7218Z1585 | WZGEG7218Z1585 | 128517 | Nisource / Bay State Gas Company | FC2-0005-002 | FC2.SUPER RAPTOR.256MB,W/O BLUETOOTH | WR00066710 | 12/19/2007 | 02/28/2009 | SC00003891 |
| WZGEG7218Z1588 | WZGEG7218Z1588 | 128517 | Nisource / Bay State Gas Company | FC2-0005-002 | FC2.SUPER RAPTOR.256MB,W/O BLUETOOTH | WR00066710 | 12/19/2007 | 02/28/2009 | SC00003891 |
| WZGEG7218Z1607 | WZGEG7218Z1607 | 128517 | Nisource / Bay State Gas Company | FC2-0005-002 | FC2.SUPER RAPTOR.256MB,W/O BLUETOOTH | WR00066710 | 12/19/2007 | 02/28/2009 | SC00003891 |
| WZGEG8008Z3101 | WZGEG8008Z3101 | 115133 | Nisource / Bay State Gas Company | FC2-0005-002 | FC2.SUPER RAPTOR.256MB,W/O BLUETOOTH | WR00073116 | 08/13/2008 | 10/31/2009 | SC00003891 |
| WZGEG8063Z7101 | WZGEG8063Z7101 | 115133 | Nisource / Bay State Gas Company | FC2-0005-002 | FC2.SUPER RAPTOR.256MB,W/O BLUETOOTH | WR00073116 | 08/13/2008 | 10/31/2009 | SC00003891 |
| WZGEG8063Z7135 | WZGEG8063Z7135 | 115133 | Nisource / Bay State Gas Company | FC2-0005-002 | FC2.SUPER RAPTOR.256MB,W/O BLUETOOTH | WR00073116 | 08/13/2008 | 10/31/2009 | SC00003891 |
| WZGEG8063Z7111 | WZGEG8063Z7111 | 115133 | Nisource / Bay State Gas Company | FC2-0005-002 | FC2.SUPER RAPTOR.256MB,W/O BLUETOOTH | WR00073116 | 08/13/2008 | 10/31/2009 | SC00003891 |
| WZGEG8063Z7117 | WZGEG8063Z7117 | 115133 | Nisource / Bay State Gas Company | FC2-0005-002 | FC2.SUPER RAPTOR.256MB,W/O BLUETOOTH | WR00073116 | 08/13/2008 | 10/31/2009 | SC00003891 |
| ZZM0R7283Z10027 | ZZM0R7283Z10027 | 120517 | Nisource / Bay State Gas Company | OEM-0065-013-R | OEM.FC2/R DESK DOCK.ETHERNET.SINGLE ETHERNET DESK DOCK ROHS | WR00066710 | 12/19/2007 | 02/28/2009 | SC00003891 |
| ZZM0R8073Z10081 | ZZM0R8073Z10081 | 115133 | Nisource / Bay State Gas Company | OEM-0065-013-R | OEM.FC2/R DESK DOCK.ETHERNET.SINGLE ETHERNET DESK DOCK ROHS | WR00073116 | 08/13/2008 | 10/31/2009 | SC00003891 |
| ZZM0R8073Z10085 | ZZM0R8073Z10085 | 115133 | Nisource / Bay State Gas Company | OEM-0065-013-R | OEM.FC2/R DESK DOCK.ETHERNET.SINGLE ETHERNET DESK DOCK ROHS | WR00073116 | 08/13/2008 | 10/31/2009 | SC00003891 |

| | | | | | | | | | |
|-----------------|-----------------|--------|----------------------------------|----------------|---|------------|------------|------------|------------|
| ZZMOR0086Z10053 | ZZMOR0086Z10053 | 115133 | Nisource / Bay State Gas Company | OEM-0065-013-R | OEM.FC2/R DESK DOCK,ETHERNET.SINGLE ETHERNET DESK DOCK ROHS | WR00073116 | 08/13/2008 | 10/31/2009 | SC00003891 |
| ZZMOR0086Z10055 | ZZMOR0086Z10055 | 115133 | Nisource / Bay State Gas Company | OEM-0065-013-R | OEM.FC2/R DESK DOCK,ETHERNET.SINGLE ETHERNET DESK DOCK ROHS | WR00073116 | 08/13/2008 | 10/31/2009 | SC00003891 |
| ZZMOR0086Z10056 | ZZMOR0086Z10056 | 115133 | Nisource / Bay State Gas Company | OEM-0065-013-R | OEM.FC2/R DESK DOCK,ETHERNET.SINGLE ETHERNET DESK DOCK ROHS | WR00073116 | 08/13/2008 | 10/31/2009 | SC00003891 |
| ZZB01711AE2027 | ZZB01711AE2027 | 128517 | Nisource / Bay State Gas Company | OEM-0065-015-R | OEM.FC2/R ETHERNET MULTIDOCK DESK DOCK, 6 UNITS,ROHS | WR00066710 | 12/19/2007 | 02/28/2009 | SC00003894 |
| ZZB017158AE3595 | ZZB017158AE3595 | 128517 | Nisource / Bay State Gas Company | OEM-0065-015-R | OEM.FC2/R ETHERNET MULTIDOCK DESK DOCK, 6 UNITS,ROHS | WR00066710 | 12/19/2007 | 02/28/2009 | SC00003894 |
| ZZB017158AE3606 | ZZB017158AE3606 | 128517 | Nisource / Bay State Gas Company | OEM-0065-015-R | OEM.FC2/R ETHERNET MULTIDOCK DESK DOCK, 6 UNITS,ROHS | WR00066710 | 12/19/2007 | 02/28/2009 | SC00003894 |
| ZZGEG8150ZZ7720 | ZZGEG8150ZZ7720 | 115137 | Nisource / Bay State Gas Company | SWA-0236-001 | SWA.ITX.XR1.MC3.V3.0 | WR00073921 | 09/24/2008 | 11/30/2009 | SC00003891 |
| ZZGEG8150ZZ7721 | ZZGEG8150ZZ7721 | 115137 | Nisource / Bay State Gas Company | SWA-0236-001 | SWA.ITX.XR1.MC3.V3.0 | WR00073921 | 09/24/2008 | 11/30/2009 | SC00003891 |
| 482651 | 482651 | 0 | Nisource / Bay State Gas Company | TRX-0004-001 | TRX.GSR TOP LEVEL | WR00025116 | 01/01/2005 | 12/31/2005 | SC00003891 |
| 396079 | 396079 | 0 | Nisource / Bay State Gas Company | TRX-0004-002 | TRX.GSR TOP LEVEL | WR00025976 | 01/01/2005 | 12/31/2005 | SC00003891 |
| 396275 | 396275 | 0 | Nisource / Bay State Gas Company | TRX-0004-002 | TRX.GSR TOP LEVEL | WR00025615 | 01/01/2005 | 12/31/2005 | SC00003891 |
| 396286 | 396286 | 0 | Nisource / Bay State Gas Company | TRX-0004-002 | TRX.GSR TOP LEVEL | WR00025624 | 01/01/2005 | 12/31/2005 | SC00003891 |
| 396288 | 396288 | 0 | Nisource / Bay State Gas Company | TRX-0004-002 | TRX.GSR TOP LEVEL | WR00025626 | 01/01/2005 | 12/31/2005 | SC00003891 |
| 396309 | 396309 | 0 | Nisource / Bay State Gas Company | TRX-0004-002 | TRX.GSR TOP LEVEL | WR00025614 | 01/01/2005 | 12/31/2005 | SC00003891 |
| 111383 | 111383 | 0 | Nisource / Bay State Gas Company | TRX-0004-003 | TRX.GSR TOP LEVEL | WR00030693 | 01/01/2005 | 12/31/2005 | SC00003891 |

Bay State Gas Company

| Serial Number | Description | Start Date | End Date | Total Amount | |
|-----------------|--------------------------|------------|-----------|--------------|------------|
| ZZMOR8073Z10084 | FC2/R DESK DOCK,ETHERNET | 1-Nov-09 | 30-Sep-10 | 57.75 | SC00003894 |
| ZZMOR8073Z10085 | FC2/R DESK DOCK,ETHERNET | 1-Nov-09 | 30-Sep-10 | 57.75 | SC00003894 |
| ZZMOR8086Z10053 | FC2/R DESK DOCK,ETHERNET | 1-Nov-09 | 30-Sep-10 | 57.75 | SC00003894 |
| ZZMOR8086Z10055 | FC2/R DESK DOCK,ETHERNET | 1-Nov-09 | 30-Sep-10 | 57.75 | SC00003894 |
| ZZMOR8086Z10056 | FC2/R DESK DOCK,ETHERNET | 1-Nov-09 | 30-Sep-10 | 57.75 | SC00003894 |
| ZZMOR7283Z10027 | FC2/R DESK DOCK,ETHERNET | 1-Oct-09 | 1-Oct-09 | 0.00 | SC00003894 |
| ZZB017144AE2027 | FC2/R ETHERNET MULTIDOCK | 1-Oct-09 | 1-Oct-09 | 0.00 | SC00003894 |
| ZZB017158AE3595 | FC2/R ETHERNET MULTIDOCK | 1-Oct-09 | 30-Sep-10 | 237.12 | SC00003894 |
| ZZB017158AE3606 | FC2/R ETHERNET MULTIDOCK | 1-Oct-09 | 30-Sep-10 | 237.12 | SC00003894 |
| DZGEG7212ZZ7944 | FC200 SUPER RAPTOR RADIO | 1-Oct-09 | 30-Sep-10 | 424.32 | SC00003894 |
| DZGEG7212ZZ7947 | FC200 SUPER RAPTOR RADIO | 1-Oct-09 | 30-Sep-10 | 424.32 | SC00003894 |
| DZGEG7248ZZ1585 | FC200 SUPER RAPTOR RADIO | 1-Oct-09 | 30-Sep-10 | 424.32 | SC00003894 |
| DZGEG7248ZZ1588 | FC200 SUPER RAPTOR RADIO | 1-Oct-09 | 30-Sep-10 | 424.32 | SC00003894 |
| DZGEG7248ZZ1607 | FC200 SUPER RAPTOR RADIO | 1-Oct-09 | 30-Sep-10 | 424.32 | SC00003894 |
| DZGEG8008ZZ3104 | FC200 SUPER RAPTOR RADIO | 1-Nov-09 | 30-Sep-10 | 374.00 | SC00003894 |
| DZGEG8063ZZ7404 | FC200 SUPER RAPTOR RADIO | 1-Nov-09 | 30-Sep-10 | 374.00 | SC00003894 |
| DZGEG8063ZZ7435 | FC200 SUPER RAPTOR RADIO | 1-Nov-09 | 30-Sep-10 | 374.00 | SC00003894 |
| DZGEG8063ZZ7441 | FC200 SUPER RAPTOR RADIO | 1-Nov-09 | 30-Sep-10 | 374.00 | SC00003894 |
| DZGEG8063ZZ7447 | FC200 SUPER RAPTOR RADIO | 1-Nov-09 | 30-Sep-10 | 374.00 | SC00003894 |
| 396020 | G5 POD | 1-Oct-09 | 30-Sep-10 | 80.31 | SC00003894 |
| W040706B | G5 POD | 1-Oct-09 | 30-Sep-10 | 65.71 | SC00003894 |
| 391727 | G5 POD | 1-Oct-09 | 30-Sep-10 | 65.71 | SC00003894 |
| 391732 | G5 POD | 1-Oct-09 | 30-Sep-10 | 65.71 | SC00003894 |
| 391824 | G5 POD | 1-Oct-09 | 30-Sep-10 | 65.71 | SC00003894 |
| 395860 | G5 POD | 1-Oct-09 | 30-Sep-10 | 65.71 | SC00003894 |
| 482651 | G5 RADIO HANDHELD | 1-Oct-09 | 30-Sep-10 | 562.10 | SC00003894 |
| 396679 | G5 RADIO HANDHELD | 1-Oct-09 | 30-Sep-10 | 562.10 | SC00003894 |
| 396275 | G5 RADIO HANDHELD | 1-Oct-09 | 30-Sep-10 | 562.10 | SC00003894 |
| 396286 | G5 RADIO HANDHELD | 1-Oct-09 | 30-Sep-10 | 562.10 | SC00003894 |
| 396288 | G5 RADIO HANDHELD | 1-Oct-09 | 30-Sep-10 | 562.10 | SC00003894 |
| 396309 | G5 RADIO HANDHELD | 1-Oct-09 | 30-Sep-10 | 562.10 | SC00003894 |
| 411383 | G5 RADIO HANDHELD | 1-Oct-09 | 30-Sep-10 | 562.10 | SC00003894 |
| ZZGEG709ZZ6884 | GOBOOK 3 | 1-Oct-09 | 30-Sep-10 | 0.00 | SC00003894 |
| ZZGEG709ZZ6895 | GOBOOK 3 | 1-Oct-09 | 30-Sep-10 | 0.00 | SC00003894 |
| ZZGEG8150ZZ7720 | GOBOOK XR1 | 1-Dec-09 | 30-Sep-10 | 450.00 | SC00003894 |
| ZZGEG8150ZZ7724 | GOBOOK XR1 | 1-Dec-09 | 30-Sep-10 | 450.00 | SC00003894 |

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|-----------------|--------------------------|----------|-----------|-----------|------------|
| 74005121 | MCS RF | 1-Dec-09 | 30-Sep-10 | 2100.00 | SC00003894 |
| 74005122 | MCS RF | 1-Dec-09 | 30-Sep-10 | 2100.00 | SC00003894 |
| 72501240 | MOBILE COLLECTOR RF UNIT | 1-Oct-09 | 30-Sep-10 | 4992.00 | SC00003894 |
| 72502168 | MOBILE COLLECTOR RF UNIT | 1-Oct-09 | 30-Sep-10 | 6240.00 | SC00003894 |
| 72502217 | MOBILE COLLECTOR RF UNIT | 1-Oct-09 | 30-Sep-10 | 6240.00 | SC00003894 |
| | MYRS SOFTWARE | 1-Oct-09 | 30-Sep-10 | 16,381.02 | SC00003894 |
| 394677 | G5 POU | 1-May-09 | 30-Apr-10 | 63.18 | SC00001269 |
| 394678 | G5 POU | 1-May-09 | 30-Apr-10 | 63.17 | SC00001269 |
| 400454 | G5 RADIO HANDHELD | 1-May-09 | 30-Apr-10 | 540.48 | SC00001269 |
| 400495 | G5 RADIO HANDHELD | 1-May-09 | 30-Apr-10 | 540.48 | SC00001269 |
| CONV14 | MOBILE COLLECTOR RF UNIT | 1-Jul-09 | 30-Apr-10 | 4,679.36 | SC00001269 |
| CONV14 | MOBILE COLLECTOR RF UNIT | 1-May-09 | 30-Jun-09 | 1,169.84 | SC00001269 |
| UZGEG5250ZZ6214 | FC200 RAPTOR RADIO | 1-May-09 | 30-Apr-10 | 441.29 | SC00001269 |
| PS97207 | FC2/R ETHERNET MULTIDOCK | 1-May-09 | 1-May-09 | 0.00 | SC00001269 |
| ZZGEG6299ZZ0696 | GOBOOK MAX | 1-May-09 | 30-Jun-09 | 0.00 | SC00001269 |
| ZZNOR5026ZI0012 | FC2/R DESK DOCK ETHERNET | 1-May-09 | 30-Apr-10 | 68.14 | SC00001269 |
| ZZNOR5027ZI0001 | FC2/R DESK DOCK ETHERNET | 1-May-09 | 30-Apr-10 | 68.14 | SC00001269 |

| Serial Number | Invoice Number | Order | Customer Name | Item Number | Item Description | Invoice Date | Invoice Amount | Invoice Date | Invoice Date | Invoice Amount |
|---------------|----------------|-------|-------------------|--------------|----------------------------|--------------|----------------|--------------|--------------|----------------|
| 393561 | 393561 | 0 | Kokomo Gas & Fuel | BCS-0003-002 | BCS,GS POD | 40248 | WR00006683 | 01/01/2005 | 12/31/2005 | SC00001504 |
| 393573 | 393573 | 0 | Kokomo Gas & Fuel | BCS-0003-002 | BCS,GS POD | 40250 | WR00006685 | 01/01/2005 | 12/31/2005 | SC00001504 |
| 393576 | 393576 | 0 | Kokomo Gas & Fuel | BCS-0003-002 | BCS,GS POD | 40252 | WR00006607 | 01/01/2005 | 12/31/2005 | SC00001504 |
| 393577 | 393577 | 0 | Kokomo Gas & Fuel | BCS-0003-002 | BCS,GS POD | 40253 | WR00006688 | 01/01/2005 | 12/31/2005 | SC00001504 |
| 393578 | 393578 | 0 | Kokomo Gas & Fuel | BCS-0003-002 | BCS,GS POD | 40254 | WR00006689 | 01/01/2005 | 12/31/2005 | SC00001504 |
| 393579 | 393579 | 0 | Kokomo Gas & Fuel | BCS-0003-002 | BCS,GS POD | 40255 | WR00006690 | 01/01/2005 | 12/31/2005 | SC00001504 |
| 393581 | 393581 | 0 | Kokomo Gas & Fuel | BCS-0003-002 | BCS,GS POD | 40257 | WR00006692 | 01/01/2005 | 12/31/2005 | SC00001504 |
| 400070 | 400070 | 0 | Kokomo Gas & Fuel | TRX-0003-002 | TRX,GS,TOP LEVEL,RADIO RBY | 70858 | WR00022457 | 01/01/2005 | 12/31/2005 | SC00001504 |
| 400125 | 400125 | 0 | Kokomo Gas & Fuel | TRX-0003-002 | TRX,GS,TOP LEVEL,RADIO RBY | 70891 | WR00022498 | 01/01/2005 | 12/31/2005 | SC00001504 |
| 400151 | 400151 | 0 | Kokomo Gas & Fuel | TRX-0003-002 | TRX,GS,TOP LEVEL,RADIO RBY | 70918 | WR00022525 | 01/01/2005 | 12/31/2005 | SC00001504 |
| 400185 | 400185 | 0 | Kokomo Gas & Fuel | TRX-0003-002 | TRX,GS,TOP LEVEL,RADIO RBY | 70945 | WR00022552 | 01/01/2005 | 12/31/2005 | SC00001504 |
| 400186 | 400186 | 0 | Kokomo Gas & Fuel | TRX-0003-002 | TRX,GS,TOP LEVEL,RADIO RBY | 70946 | WR00022553 | 01/01/2005 | 12/31/2005 | SC00001504 |
| 400516 | 400516 | 0 | Kokomo Gas & Fuel | TRX-0003-002 | TRX,GS,TOP LEVEL,RADIO RBY | 71273 | WR00022880 | 01/01/2005 | 12/31/2005 | SC00001504 |
| 400635 | 400635 | 0 | Kokomo Gas & Fuel | TRX-0003-002 | TRX,GS,TOP LEVEL,RADIO RBY | 71360 | WR00022967 | 01/01/2005 | 12/31/2005 | SC00001504 |

| Serial Number | Part Number | Manufacturer | Item Number | Item Description | Quantity | Part Number | Order Date | Ship Date |
|-----------------|-------------|------------------------------------|-----------------|---|----------|-------------|------------|------------|
| DZGEG8196ZZ2418 | 163069 | Nisource/Kokomo Gas & Fuel Company | FC2-0005-003 | FC2,SR,2-WAY,512MB,W/O BLUETOOTH | 889454 | WB00078262 | 04/13/2009 | 06/30/2010 |
| DZGEG8196ZZ2461 | 163069 | Nisource/Kokomo Gas & Fuel Company | FC2-0005-003 | FC2,SR,2-WAY,512MB,W/O BLUETOOTH | 889455 | WB00078262 | 04/13/2009 | 06/30/2010 |
| DZGEG8196ZZ2468 | 163069 | Nisource/Kokomo Gas & Fuel Company | FC2-0005-003 | FC2,SR,2-WAY,512MB,W/O BLUETOOTH | 889456 | WB00078262 | 01/13/2009 | 06/30/2010 |
| DZGEG8196ZZ2479 | 163069 | Nisource/Kokomo Gas & Fuel Company | FC2-0005-003 | FC2,SR,2-WAY,512MB,W/O BLUETOOTH | 889457 | WB00078262 | 04/13/2009 | 06/30/2010 |
| DZGEG8203ZZ3334 | 163069 | Nisource/Kokomo Gas & Fuel Company | FC2-0005-003 | FC2,SR,2-WAY,512MB,W/O BLUETOOTH | 889458 | WB00078262 | 04/13/2009 | 06/30/2010 |
| DZGEG8203ZZ3313 | 163069 | Nisource/Kokomo Gas & Fuel Company | FC2-0005-003 | FC2,SR,2-WAY,512MB,W/O BLUETOOTH | 889459 | WB00078262 | 04/13/2009 | 06/30/2010 |
| PS228081 | 163069 | Nisource/Kokomo Gas & Fuel Company | OE34-0065-015-R | OE34,FC2/R ETHERNET MULTIBOOK DESK DOCK, 6 UNITS,ROHS | 889429 | WB00078262 | 01/13/2009 | 06/30/2010 |

Kokomo Gas & Fuel Company

| SN | Description | Start Date | End Date | Qty | Total Amount | |
|--------|---------------|------------|-----------|-----|--------------|------------|
| 393561 | G5 POD | 1-Dec-08 | 30-Nov-09 | 1 | | SC00001504 |
| 393573 | G5 POD | 1-Dec-08 | 30-Nov-09 | 1 | | SC00001504 |
| 393576 | G5 POD | 1-Dec-08 | 30-Nov-09 | 1 | | SC00001504 |
| 393577 | G5 POD | 1-Dec-08 | 30-Nov-09 | 1 | | SC00001504 |
| 393578 | G5 POD | 1-Dec-08 | 30-Nov-09 | 1 | | SC00001504 |
| 393579 | G5 POD | 1-Dec-08 | 30-Nov-09 | 1 | | SC00001504 |
| 393581 | G5 POD | 1-Dec-08 | 30-Nov-09 | 1 | | SC00001504 |
| 400070 | G5 HANDHELD | 1-Dec-08 | 30-Nov-09 | 1 | | SC00001504 |
| 400125 | G5 HANDHELD | 1-Dec-08 | 30-Nov-09 | 1 | | SC00001504 |
| 400154 | G5 HANDHELD | 1-Dec-08 | 30-Nov-09 | 1 | | SC00001504 |
| 400185 | G5 HANDHELD | 1-Dec-08 | 30-Nov-09 | 1 | | SC00001504 |
| 400186 | G5 HANDHELD | 1-Dec-08 | 30-Nov-09 | 1 | | SC00001504 |
| 400516 | G5 HANDHELD | 1-Dec-08 | 30-Nov-09 | 1 | | SC00001504 |
| 400635 | G5 HANDHELD | 1-Dec-08 | 30-Nov-09 | 1 | | SC00001504 |
| | MVRS SOFTWARE | 1-Dec-08 | 30-Nov-09 | 1 | | SC00001504 |

| Order | Customer Name | End Customer | Item Number | Item Description | Quantity | Unit Price | Material | Start Date | End Date | Amount |
|-------|------------------------------|--------------|--------------|------------------|----------|------------|------------|------------|------------|--------|
| 0 | NIPSCO Energy Services, Inc. | | BCS-0003-002 | BCS,G5 POD | 37836 | 391954 | WR00004273 | 01/01/2005 | 12/31/2005 | |
| 0 | NIPSCO Energy Services, Inc. | | BCS-0003-002 | BCS,G5 POD | 37838 | 391956 | WR00004275 | 01/01/2005 | 12/31/2005 | |
| 0 | NIPSCO Energy Services, Inc. | | BCS-0003-002 | BCS,G5 POD | 37840 | 391958 | WR00004277 | 01/01/2005 | 12/31/2005 | |
| 0 | NIPSCO Energy Services, Inc. | | BCS-0003-002 | BCS,G5 POD | 37852 | 391972 | WR00004289 | 01/01/2005 | 12/31/2005 | |
| 0 | NIPSCO Energy Services, Inc. | | BCS-0003-002 | BCS,G5 POD | 45619 | 418070 | WR00012048 | 01/01/2005 | 12/31/2005 | |
| 0 | NIPSCO Energy Services, Inc. | | BCS-0003-002 | BCS,G5 POD | 45622 | 418073 | WR00012051 | 01/01/2005 | 12/31/2005 | |
| 0 | NIPSCO Energy Services, Inc. | | BCS-0003-002 | BCS,G5 POD | 45623 | 418074 | WR00012052 | 01/01/2005 | 12/31/2005 | |
| 0 | NIPSCO Energy Services, Inc. | | BCS-0003-002 | BCS,G5 POD | 45624 | 418075 | WR00012053 | 01/01/2005 | 12/31/2005 | |
| 0 | NIPSCO Energy Services, Inc. | | BCS-0003-002 | BCS,G5 POD | 45625 | 418076 | WR00012054 | 01/01/2005 | 12/31/2005 | |
| 0 | NIPSCO Energy Services, Inc. | | BCS-0003-002 | BCS,G5 POD | 45626 | 418077 | WR00012055 | 01/01/2005 | 12/31/2005 | |
| 0 | NIPSCO Energy Services, Inc. | | BCS-0003-002 | BCS,G5 POD | 45627 | 418078 | WR00012056 | 01/01/2005 | 12/31/2005 | |
| 0 | NIPSCO Energy Services, Inc. | | BCS-0003-002 | BCS,G5 POD | 45628 | 418079 | WR00012057 | 01/01/2005 | 12/31/2005 | |
| 0 | NIPSCO Energy Services, Inc. | | BCS-0003-002 | BCS,G5 POD | 45629 | 418080 | WR00012058 | 01/01/2005 | 12/31/2005 | |
| 0 | NIPSCO Energy Services, Inc. | | BCS-0003-002 | BCS,G5 POD | 45630 | 418081 | WR00012059 | 01/01/2005 | 12/31/2005 | |
| 0 | NIPSCO Energy Services, Inc. | | BCS-0003-002 | BCS,G5 POD | 45631 | 418002 | WR00012060 | 01/01/2005 | 12/31/2005 | |
| 0 | NIPSCO Energy Services, Inc. | | BCS-0003-002 | BCS,G5 POD | 45632 | 418083 | WR00012061 | 01/01/2005 | 12/31/2005 | |
| 0 | NIPSCO Energy Services, Inc. | | BCS-0003-002 | BCS,G5 POD | 45633 | 418084 | WR00012062 | 01/01/2005 | 12/31/2005 | |
| 0 | NIPSCO Energy Services, Inc. | | BCS-0003-002 | BCS,G5 POD | 45638 | 418091 | WR00012067 | 01/01/2005 | 12/31/2005 | |
| 0 | NIPSCO Energy Services, Inc. | | BCS-0003-002 | BCS,G5 POD | 45639 | 418092 | WR00012068 | 01/01/2005 | 12/31/2005 | |
| 0 | NIPSCO Energy Services, Inc. | | BCS-0003-002 | BCS,G5 POD | 45640 | 418093 | WR00012069 | 01/01/2005 | 12/31/2005 | |
| 0 | NIPSCO Energy Services, Inc. | | BCS-0003-002 | BCS,G5 POD | 45660 | 418119 | WR00012089 | 01/01/2005 | 12/31/2005 | |
| 0 | NIPSCO Energy Services, Inc. | | BCS-0003-002 | BCS,G5 POD | 45662 | 418121 | WR00012091 | 01/01/2005 | 12/31/2005 | |
| 0 | NIPSCO Energy Services, Inc. | | BCS-0003-002 | BCS,G5 POD | 45663 | 418122 | WR00012092 | 01/01/2005 | 12/31/2005 | |
| 0 | NIPSCO Energy Services, Inc. | | BCS-0003-002 | BCS,G5 POD | 45664 | 418123 | WR00012093 | 01/01/2005 | 12/31/2005 | |
| 0 | NIPSCO Energy Services, Inc. | | BCS-0003-002 | BCS,G5 POD | 45665 | 418124 | WR00012094 | 01/01/2005 | 12/31/2005 | |
| 0 | NIPSCO Energy Services, Inc. | | BCS-0003-002 | BCS,G5 POD | 45666 | 418125 | WR00012095 | 01/01/2005 | 12/31/2005 | |
| 0 | NIPSCO Energy Services, Inc. | | BCS-0003-002 | BCS,G5 POD | 45667 | 418126 | WR00012096 | 01/01/2005 | 12/31/2005 | |
| 0 | NIPSCO Energy Services, Inc. | | BCS-0003-002 | BCS,G5 POD | 45668 | 418127 | WR00012097 | 01/01/2005 | 12/31/2005 | |
| 0 | NIPSCO Energy Services, Inc. | | BCS-0003-002 | BCS,G5 POD | 45669 | 418128 | WR00012098 | 01/01/2005 | 12/31/2005 | |
| 0 | NIPSCO Energy Services, Inc. | | BCS-0003-002 | BCS,G5 POD | 45670 | 418129 | WR00012099 | 01/01/2005 | 12/31/2005 | |
| 0 | NIPSCO Energy Services, Inc. | | BCS-0003-002 | BCS,G5 POD | 45672 | 418131 | WR00012101 | 01/01/2005 | 12/31/2005 | |
| 0 | NIPSCO Energy Services, Inc. | | BCS-0003-002 | BCS,G5 POD | 45673 | 418132 | WR00012102 | 01/01/2005 | 12/31/2005 | |

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|---|------------------------------|--------------|---------------------------|--------|-----------------|------------|------------|------------|------------|
| 0 | NIPSCO Energy Services, Inc. | FC2-0001-002 | FC2, RAPTOR, 128MB, 53KEY | 51721 | DZGEG5168ZZ8418 | WR00014028 | 09/21/2005 | 09/20/2006 | SC00001552 |
| 0 | NIPSCO Energy Services, Inc. | FC2-0001-002 | FC2, RAPTOR, 128MB, 53KEY | 51722 | DZGEG5168ZZ8422 | WR00014029 | 09/21/2005 | 09/20/2006 | SC00001552 |
| 0 | NIPSCO Energy Services, Inc. | FC2-0001-002 | FC2, RAPTOR, 128MB, 53KEY | 51729 | DZGEG5171ZZ8452 | WR00014036 | 09/21/2005 | 09/20/2006 | SC00001552 |
| 0 | NIPSCO Energy Services, Inc. | FC2-0001-002 | FC2, RAPTOR, 128MB, 53KEY | 51735 | DZGEG5171ZZ8463 | WR00014042 | 09/21/2005 | 09/20/2006 | SC00001552 |
| 0 | NIPSCO Energy Services, Inc. | FC2-0001-002 | FC2, RAPTOR, 128MB, 53KEY | 51736 | DZGEG5171ZZ8465 | WR00014043 | 09/23/2005 | 09/22/2006 | SC00001552 |
| 0 | NIPSCO Energy Services, Inc. | FC2-0001-002 | FC2, RAPTOR, 128MB, 53KEY | 51737 | DZGEG5171ZZ8467 | WR00014044 | 09/21/2005 | 09/20/2006 | SC00001552 |
| 0 | NIPSCO Energy Services, Inc. | FC2-0001-002 | FC2, RAPTOR, 128MB, 53KEY | 51738 | DZGEG5171ZZ8468 | WR00014045 | 09/23/2005 | 09/22/2006 | SC00001552 |
| 0 | NIPSCO Energy Services, Inc. | FC2-0001-002 | FC2, RAPTOR, 128MB, 53KEY | 51741 | DZGEG5171ZZ8474 | WR00014048 | 09/21/2005 | 09/20/2006 | SC00001552 |
| 0 | NIPSCO Energy Services, Inc. | FC2-0001-002 | FC2, RAPTOR, 128MB, 53KEY | 51746 | DZGEG5171ZZ8492 | WR00014053 | 09/21/2005 | 09/20/2006 | SC00001552 |
| 0 | NIPSCO Energy Services, Inc. | FC2-0001-002 | FC2, RAPTOR, 128MB, 53KEY | 51757 | DZGEG5171ZZ8514 | WR00014064 | 09/23/2005 | 09/22/2006 | SC00001552 |
| 0 | NIPSCO Energy Services, Inc. | FC2-0001-002 | FC2, RAPTOR, 128MB, 53KEY | 51759 | DZGEG5171ZZ8518 | WR00014066 | 09/21/2005 | 09/20/2006 | SC00001552 |
| 0 | NIPSCO Energy Services, Inc. | FC2-0001-002 | FC2, RAPTOR, 128MB, 53KEY | 52414 | OZGEG5146ZZ6768 | WR00014721 | 09/21/2005 | 09/20/2006 | SC00001552 |
| 0 | NIPSCO Energy Services, Inc. | FC2-0001-002 | FC2, RAPTOR, 128MB, 53KEY | 52418 | DZGEG5146ZZ6775 | WR00014725 | 09/21/2005 | 09/20/2006 | SC00001552 |
| 0 | NIPSCO Energy Services, Inc. | FC2-0001-002 | FC2, RAPTOR, 128MB, 53KEY | 52419 | DZGEG5146ZZ6776 | WR00014726 | 09/21/2005 | 09/20/2006 | SC00001552 |
| 0 | NIPSCO Energy Services, Inc. | FC2-0001-002 | FC2, RAPTOR, 128MB, 53KEY | 52422 | DZGEG5146ZZ6779 | WR00014729 | 09/21/2005 | 09/20/2006 | SC00001552 |
| 0 | NIPSCO Energy Services, Inc. | FC2-0001-002 | FC2, RAPTOR, 128MB, 53KEY | 52424 | DZGEG5146ZZ6783 | WR00014731 | 09/21/2005 | 09/20/2006 | SC00001552 |
| 0 | NIPSCO Energy Services, Inc. | FC2-0001-002 | FC2, RAPTOR, 128MB, 53KEY | 52426 | DZGEG5146ZZ6785 | WR00014733 | 09/21/2005 | 09/20/2006 | SC00001552 |
| 0 | NIPSCO Energy Services, Inc. | FC2-0001-002 | FC2, RAPTOR, 128MB, 53KEY | 119760 | DZGEG5052ZZ7562 | WR00046930 | 12/14/2005 | 12/13/2006 | SC00001552 |
| 0 | NIPSCO Energy Services, Inc. | FC2-0001-002 | FC2, RAPTOR, 128MB, 53KEY | 120086 | DZGEG5139ZZ6110 | WR00047166 | 12/14/2005 | 12/13/2006 | SC00001552 |
| 0 | NIPSCO Energy Services, Inc. | FC2-0001-002 | FC2, RAPTOR, 128MB, 53KEY | 120459 | DZGEG5146ZZ6846 | WR00047412 | 12/14/2005 | 12/13/2006 | SC00001552 |
| 0 | NIPSCO Energy Services, Inc. | FC2-0001-002 | FC2, RAPTOR, 128MB, 53KEY | 120492 | OZGEG5167ZZ8110 | WR00047445 | 12/14/2005 | 12/13/2006 | SC00001552 |
| 0 | NIPSCO Energy Services, Inc. | FC2-0001-002 | FC2, RAPTOR, 128MB, 53KEY | 120790 | DZGEG5167ZZ8157 | WR00047562 | 12/14/2005 | 12/13/2006 | SC00001552 |
| 0 | NIPSCO Energy Services, Inc. | FC2-0001-002 | FC2, RAPTOR, 128MB, 53KEY | 120811 | DZGEG5167ZZ8185 | WR00047583 | 12/14/2005 | 12/13/2006 | SC00001552 |
| 0 | NIPSCO Energy Services, Inc. | FC2-0001-002 | FC2, RAPTOR, 128MB, 53KEY | 120823 | DZGEG5168ZZ8330 | WR00047595 | 12/14/2005 | 12/13/2006 | SC00001552 |
| 0 | NIPSCO Energy Services, Inc. | FC2-0001-002 | FC2, RAPTOR, 128MB, 53KEY | 120825 | OZGEG5168ZZ8337 | WR00047597 | 12/14/2005 | 12/13/2006 | SC00001552 |
| 0 | NIPSCO Energy Services, Inc. | FC2-0001-002 | FC2, RAPTOR, 128MB, 53KEY | 121097 | OZGEG5168ZZ8369 | WR00047686 | 12/14/2005 | 12/13/2006 | SC00001552 |
| 0 | NIPSCO Energy Services, Inc. | FC2-0001-002 | FC2, RAPTOR, 128MB, 53KEY | 121132 | DZGEG5171ZZ8439 | WR00047721 | 12/14/2005 | 12/13/2006 | SC00001552 |
| 0 | NIPSCO Energy Services, Inc. | FC2-0001-002 | FC2, RAPTOR, 128MB, 53KEY | 121160 | OZGEG5171ZZ8507 | WR00047749 | 12/14/2005 | 12/13/2006 | SC00001552 |
| 0 | NIPSCO Energy Services, Inc. | FC2-0001-002 | FC2, RAPTOR, 128MB, 53KEY | 121452 | DZGEG5188ZZ8734 | WR00047860 | 12/14/2005 | 12/13/2006 | SC00001552 |
| 0 | NIPSCO Energy Services, Inc. | FC2-0001-002 | FC2, RAPTOR, 128MB, 53KEY | 121491 | DZGEG5250ZZ6130 | WR00047897 | 12/14/2005 | 12/13/2006 | SC00001552 |
| 0 | NIPSCO Energy Services, Inc. | FC2-0001-002 | FC2, RAPTOR, 128MB, 53KEY | 121492 | DZGEG5250ZZ6131 | WR00047898 | 12/14/2005 | 12/13/2006 | SC00001552 |
| 0 | NIPSCO Energy Services, Inc. | FC2-0001-002 | FC2, RAPTOR, 128MB, 53KEY | 121495 | DZGEG5250ZZ6134 | WR00047900 | 12/14/2005 | 12/13/2006 | SC00001552 |
| 0 | NIPSCO Energy Services, Inc. | FC2-0001-002 | FC2, RAPTOR, 128MB, 53KEY | 121496 | DZGEG5250ZZ6135 | WR00047901 | 12/14/2005 | 12/13/2006 | SC00001552 |
| 0 | NIPSCO Energy Services, Inc. | FC2-0001-002 | FC2, RAPTOR, 128MB, 53KEY | 121501 | DZGEG5250ZZ6143 | WR00047906 | 12/14/2005 | 12/13/2006 | SC00001552 |

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| 0 | NIPSCO Energy Services, Inc. | | FC2-0001-002 | FC2,RAPTOR,128MB,53KEY | 122458 | DZGEG5285ZZ9882 | WR00048249 | 12/14/2005 | 12/13/2006 | SC00001552 |
| 0 | NIPSCO Energy Services, Inc. | | FC2-0001-002 | FC2,RAPTOR,128MB,53KEY | 122464 | DZGEG5285ZZ9888 | WR00048255 | 12/14/2005 | 12/13/2006 | SC00001552 |
| 0 | NIPSCO Energy Services, Inc. | | FC2-0001-002 | FC2,RAPTOR,128MB,53KEY | 122465 | DZGEG5285ZZ9889 | WR00048256 | 12/14/2005 | 12/13/2006 | SC00001552 |
| 0 | NIPSCO Energy Services, Inc. | | FC2-0001-002 | FC2,RAPTOR,128MB,53KEY | 122470 | DZGEG5285ZZ9901 | WR00048261 | 12/14/2005 | 12/13/2006 | SC00001552 |
| 0 | NIPSCO Energy Services, Inc. | | FC2-0001-002 | FC2,RAPTOR,128MB,53KEY | 122471 | DZGEG5285ZZ9902 | WR00048262 | 12/14/2005 | 12/13/2006 | SC00001552 |
| 0 | NIPSCO Energy Services, Inc. | | FC2-0001-002 | FC2,RAPTOR,128MB,53KEY | 122472 | DZGEG5285ZZ9904 | WR00048263 | 12/14/2005 | 12/13/2006 | SC00001552 |
| 0 | NIPSCO Energy Services, Inc. | | FC2-0001-002 | FC2,RAPTOR,128MB,53KEY | 122473 | DZGEG5285ZZ9905 | WR00048264 | 12/14/2005 | 12/13/2006 | SC00001552 |
| 0 | NIPSCO Energy Services, Inc. | | FC2-0001-002 | FC2,RAPTOR,128MB,53KEY | 122474 | DZGEG5285ZZ9906 | WR00048265 | 12/14/2005 | 12/13/2006 | SC00001552 |
| 0 | NIPSCO Energy Services, Inc. | | FC2-0001-002 | FC2,RAPTOR,128MB,53KEY | 122475 | DZGEG5285ZZ9907 | WR00048266 | 12/14/2005 | 12/13/2006 | SC00001552 |
| 0 | NIPSCO Energy Services, Inc. | | FC2-0001-002 | FC2,RAPTOR,128MB,53KEY | 122476 | DZGEG5285ZZ9908 | WR00048267 | 12/14/2005 | 12/13/2006 | SC00001552 |
| 0 | NIPSCO Energy Services, Inc. | | FC2-0001-002 | FC2,RAPTOR,128MB,53KEY | 122479 | DZGEG5285ZZ9913 | WR00048270 | 12/14/2005 | 12/13/2006 | SC00001552 |
| 0 | NIPSCO Energy Services, Inc. | | FC2-0001-002 | FC2,RAPTOR,128MB,53KEY | 122480 | DZGEG5285ZZ9914 | WR00048271 | 12/14/2005 | 12/13/2006 | SC00001552 |
| 0 | NIPSCO Energy Services, Inc. | | FC2-0001-002 | FC2,RAPTOR,128MB,53KEY | 122482 | DZGEG5285ZZ9917 | WR00048273 | 12/14/2005 | 12/13/2006 | SC00001552 |
| 0 | NIPSCO Energy Services, Inc. | | FC2-0001-002 | FC2,RAPTOR,128MB,53KEY | 122483 | DZGEG5285ZZ9918 | WR00048274 | 12/14/2005 | 12/13/2006 | SC00001552 |
| 0 | NIPSCO Energy Services, Inc. | | FC2-0001-002 | FC2,RAPTOR,128MB,53KEY | 122484 | DZGEG5285ZZ9920 | WR00048275 | 12/14/2005 | 12/13/2006 | SC00001552 |
| 0 | NIPSCO Energy Services, Inc. | | FC2-0001-002 | FC2,RAPTOR,128MB,53KEY | 122486 | DZGEG5285ZZ9922 | WR00048277 | 12/14/2005 | 12/13/2006 | SC00001552 |
| 0 | NIPSCO Energy Services, Inc. | | FC2-0001-002 | FC2,RAPTOR,128MB,53KEY | 122492 | DZGEG5285ZZ9931 | WR00048283 | 12/14/2005 | 12/13/2006 | SC00001552 |
| 0 | NIPSCO Energy Services, Inc. | | FC2-0001-002 | FC2,RAPTOR,128MB,53KEY | 122497 | DZGEG5285ZZ9938 | WR00048288 | 12/14/2005 | 12/13/2006 | SC00001552 |
| 0 | NIPSCO Energy Services, Inc. | | FC2-0001-002 | FC2,RAPTOR,128MB,53KEY | 122499 | DZGEG5285ZZ9940 | WR00048290 | 12/14/2005 | 12/13/2006 | SC00001552 |
| 0 | NIPSCO Energy Services, Inc. | | FC2-0001-002 | FC2,RAPTOR,128MB,53KEY | 122500 | DZGEG5285ZZ9941 | WR00048291 | 12/14/2005 | 12/13/2006 | SC00001552 |
| 0 | NIPSCO Energy Services, Inc. | | FC2-0001-002 | FC2,RAPTOR,128MB,53KEY | 122501 | DZGEG5285ZZ9942 | WR00048292 | 12/14/2005 | 12/13/2006 | SC00001552 |
| 0 | NIPSCO Energy Services, Inc. | | FC2-0001-002 | FC2,RAPTOR,128MB,53KEY | 122502 | DZGEG5285ZZ9944 | WR00048293 | 12/14/2005 | 12/13/2006 | SC00001552 |
| 0 | NIPSCO Energy Services, Inc. | | FC2-0001-002 | FC2,RAPTOR,128MB,53KEY | 122503 | DZGEG5285ZZ9945 | WR00048294 | 12/14/2005 | 12/13/2006 | SC00001552 |
| 0 | NIPSCO Energy Services, Inc. | | FC2-0001-002 | FC2,RAPTOR,128MB,53KEY | 122504 | DZGEG5285ZZ9946 | WR00048295 | 12/14/2005 | 12/13/2006 | SC00001552 |
| 0 | NIPSCO Energy Services, Inc. | | FC2-0003-001 | FC2,RAPTOR,128MB,53KEY | 122505 | DZGEG5285ZZ9947 | WR00048296 | 12/14/2005 | 12/13/2006 | SC00001552 |
| 0 | NIPSCO Energy Services, Inc. | | FC2-0003-001 | FC2,RAPTOR,ENG OS,256/512MB,53 KEY | 120392 | DZGEG6262Z26555 | WR00047345 | 10/17/2006 | 12/31/2007 | SC00001552 |
| 0 | NIPSCO Energy Services, Inc. | | FC2-0003-001 | FC2,RAPTOR,ENG OS,256/512MB,53 KEY | 120406 | DZGEG6262Z26576 | WR00047359 | 10/17/2006 | 12/31/2007 | SC00001552 |
| 122279 | NIPSCO Energy Services, Inc. | NIPSCO | FC2-0003-001 | FC2,RAPTOR,ENG OS,256/512MB,53 KEY | 279648 | dztgwg7037zz1206 | | | | SC00001552 |
| 122279 | NIPSCO Energy Services, Inc. | NIPSCO | FC2-0003-001 | FC2,RAPTOR,ENG OS,256/512MB,53 KEY | 279650 | dztgwg7037zz1306 | | | | SC00001552 |
| 122279 | NIPSCO Energy Services, Inc. | NIPSCO | FC2-0003-001 | FC2,RAPTOR,ENG OS,256/512MB,53 KEY | 279655 | dztgwg7060zz3012 | | | | SC00001552 |
| 122279 | NIPSCO Energy Services, Inc. | NIPSCO | FC2-0003-001 | FC2,RAPTOR,ENG OS,256/512MB,53 KEY | 429534 | DZGEG7037ZZ1138 | WR00073711 | 09/15/2008 | 12/30/2008 | SC00001552 |
| 122279 | NIPSCO Energy Services, Inc. | NIPSCO | FC2-0003-001 | FC2,RAPTOR,ENG OS,256/512MB,53 KEY | 429535 | DZGEG7037ZZ1307 | WR00073712 | 09/15/2008 | 12/30/2008 | SC00001552 |
| 122279 | NIPSCO Energy Services, Inc. | NIPSCO | FC2-0003-001 | FC2,RAPTOR,ENG OS,256/512MB,53 KEY | 429536 | DZGEG7060ZZ2976 | WR00073713 | 09/15/2008 | 12/30/2008 | SC00001552 |
| 122279 | NIPSCO Energy Services, Inc. | NIPSCO | FC2-0003-001 | FC2,RAPTOR,ENG OS,256/512MB,53 KEY | 429537 | DZGEG7060ZZ3034 | WR00073714 | 09/15/2008 | 12/30/2008 | SC00001552 |

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| 122279 | NIPSCO Energy Services, Inc. | NIPSCO | FC2-0003-001 | FC2,RAPTOR,ENG OS,256/512MB,53 KEY | 429538 | DZGEG7108ZZ8594 | WR00073715 | 09/15/2008 | 12/30/2008 | SC00001552 |
| 122279 | NIPSCO Energy Services, Inc. | NIPSCO | FC2-0003-001 | FC2,RAPTOR,ENG OS,256/512MB,53 KEY | 429539 | DZGEG7108ZB8646 | WR00073716 | 09/15/2008 | 12/30/2008 | SC00001552 |
| 122279 | NIPSCO Energy Services, Inc. | NIPSCO | FC2-0003-001 | FC2,RAPTOR,ENG OS,256/512MB,53 KEY | 429540 | DZGEG7171ZZ5180 | WR00073717 | 09/15/2008 | 12/30/2008 | SC00001552 |
| 122279 | NIPSCO Energy Services, Inc. | NIPSCO | FC2-0003-001 | FC2,RAPTOR,ENG OS,256/512MB,53 KEY | 429541 | DZGEG7171ZZ5197 | WR00073718 | 09/15/2008 | 12/30/2008 | SC00001552 |
| 122279 | NIPSCO Energy Services, Inc. | NIPSCO | FC2-0003-001 | FC2,RAPTOR,ENG OS,256/512MB,53 KEY | 429542 | DZGEG7171ZZ5208 | WR00073719 | 09/15/2008 | 12/30/2008 | SC00001552 |
| 122279 | NIPSCO Energy Services, Inc. | NIPSCO | FC2-0003-001 | FC2,RAPTOR,ENG OS,256/512MB,53 KEY | 429543 | DZGEG7171ZZ5213 | WR00073720 | 09/15/2008 | 12/30/2008 | SC00001552 |
| 122279 | NIPSCO Energy Services, Inc. | NIPSCO | FC2-0003-001 | FC2,RAPTOR,ENG OS,256/512MB,53 KEY | 429544 | DZGEG7171ZZ5226 | WR00073721 | 09/15/2008 | 12/30/2008 | SC00001552 |
| 122279 | NIPSCO Energy Services, Inc. | NIPSCO | FC2-0003-001 | FC2,RAPTOR,ENG OS,256/512MB,53 KEY | 429545 | DZGEG7171ZZ5238 | WR00073722 | 09/15/2008 | 12/30/2008 | SC00001552 |
| 122279 | NIPSCO Energy Services, Inc. | NIPSCO | FC2-0003-001 | FC2,RAPTOR,ENG OS,256/512MB,53 KEY | 429546 | DZGEG7171ZZ5240 | WR00073723 | 09/15/2008 | 12/30/2008 | SC00001552 |
| 140358 | NIPSCO Energy Services, Inc. | NIPSCO | FC2-0005-002 | FC2,SUPER RAPTOR,256MB,W/O BLUETOOTH | 549400 | DZGEG7274ZZA148 | WR00073725 | 09/15/2008 | 08/31/2009 | SC00001552 |
| 140358 | NIPSCO Energy Services, Inc. | NIPSCO | FC2-0005-002 | FC2,SUPER RAPTOR,256MB,W/O BLUETOOTH | 549402 | DZGEG7274ZZA151 | WR00073727 | 09/15/2008 | 08/31/2009 | SC00001552 |
| 140358 | NIPSCO Energy Services, Inc. | NIPSCO | FC2-0005-002 | FC2,SUPER RAPTOR,256MB,W/O BLUETOOTH | 549403 | DZGEG7274ZZA156 | WR00073728 | 09/15/2008 | 08/31/2009 | SC00001552 |
| 140358 | NIPSCO Energy Services, Inc. | NIPSCO | FC2-0005-002 | FC2,SUPER RAPTOR,256MB,W/O BLUETOOTH | 549404 | DZGEG7274ZZA157 | WR00073729 | 09/15/2008 | 08/31/2009 | SC00001552 |
| 140358 | NIPSCO Energy Services, Inc. | NIPSCO | FC2-0005-002 | FC2,SUPER RAPTOR,256MB,W/O BLUETOOTH | 549405 | DZGEG7274ZZA195 | WR00073730 | 09/15/2008 | 08/31/2009 | SC00001552 |
| 140358 | NIPSCO Energy Services, Inc. | NIPSCO | FC2-0005-002 | FC2,SUPER RAPTOR,256MB,W/O BLUETOOTH | 549406 | DZGEG8002ZZ2296 | WR00073731 | 09/15/2008 | 08/31/2009 | SC00001552 |
| 140358 | NIPSCO Energy Services, Inc. | NIPSCO | FC2-0005-002 | FC2,SUPER RAPTOR,256MB,W/O BLUETOOTH | 549407 | DZGEG8002ZZ2298 | WR00073732 | 09/15/2008 | 08/31/2009 | SC00001552 |
| 140358 | NIPSCO Energy Services, Inc. | NIPSCO | FC2-0005-002 | FC2,SUPER RAPTOR,256MB,W/O BLUETOOTH | 549408 | DZGEG8002ZZ2302 | WR00073733 | 09/15/2008 | 08/31/2009 | SC00001552 |
| 140358 | NIPSCO Energy Services, Inc. | NIPSCO | FC2-0005-002 | FC2,SUPER RAPTOR,256MB,W/O BLUETOOTH | 549409 | DZGEG8002ZZ2372 | WR00073734 | 09/15/2008 | 08/31/2009 | SC00001552 |
| 140358 | NIPSCO Energy Services, Inc. | NIPSCO | FC2-0005-002 | FC2,SUPER RAPTOR,256MB,W/O BLUETOOTH | 549410 | DZGEG8003ZZ2507 | WR00073735 | 09/15/2008 | 08/31/2009 | SC00001552 |
| 140358 | NIPSCO Energy Services, Inc. | NIPSCO | FC2-0005-002 | FC2,SUPER RAPTOR,256MB,W/O BLUETOOTH | 549411 | DZGEG8003ZZ2508 | WR00073736 | 09/15/2008 | 08/31/2009 | SC00001552 |
| 140358 | NIPSCO Energy Services, Inc. | NIPSCO | FC2-0005-002 | FC2,SUPER RAPTOR,256MB,W/O BLUETOOTH | 549412 | DZGEG8003ZZ2525 | WR00073737 | 09/15/2008 | 08/31/2009 | SC00001552 |
| 140358 | NIPSCO Energy Services, Inc. | NIPSCO | FC2-0005-002 | FC2,SUPER RAPTOR,256MB,W/O BLUETOOTH | 549413 | DZGEG8003ZZ2533 | WR00073738 | 09/15/2008 | 08/31/2009 | SC00001552 |
| 140358 | NIPSCO Energy Services, Inc. | NIPSCO | FC2-0005-002 | FC2,SUPER RAPTOR,256MB,W/O BLUETOOTH | 549414 | DZGEG8003ZZ2554 | WR00073739 | 09/15/2008 | 08/31/2009 | SC00001552 |
| 140358 | NIPSCO Energy Services, Inc. | NIPSCO | FC2-0005-002 | FC2,SUPER RAPTOR,256MB,W/O BLUETOOTH | 549415 | DZGEG8003ZZ2559 | WR00073740 | 09/15/2008 | 08/31/2009 | SC00001552 |
| 0 | NIPSCO Energy Services, Inc. | NIPSCO | FC2-0005-002 | FC2,SUPER RAPTOR,256MB,W/O BLUETOOTH | 687281 | DZGEG8003ZZ2512 | WR00073742 | 06/05/2008 | 08/31/2009 | SC00001552 |
| 0 | NIPSCO Energy Services, Inc. | | OEM-0065-004 | OEM,FC2/R DESK DOCK SGL SER,SINGLE SERIAL DESK DOCK | 56303 | ZZMOR5039Z10028 | WR00016672 | 09/22/2005 | 09/21/2006 | SC00001552 |
| 0 | NIPSCO Energy Services, Inc. | | OEM-0065-004 | OEM,FC2/R DESK DOCK SGL SER,SINGLE SERIAL DESK DOCK | 56305 | ZZMOR5039Z10044 | WR00016674 | 09/22/2005 | 09/21/2006 | SC00001552 |
| 0 | NIPSCO Energy Services, Inc. | | OEM-0065-004 | OEM,FC2/R DESK DOCK SGL SER,SINGLE SERIAL DESK DOCK | 56329 | ZZMOR5045Z10093 | WR00016698 | 09/22/2005 | 09/21/2006 | SC00001552 |
| 0 | NIPSCO Energy Services, Inc. | | OEM-0065-004 | OEM,FC2/R DESK DOCK SGL SER,SINGLE SERIAL DESK DOCK | 56335 | ZZMOR5045Z10113 | WR00016704 | 09/22/2005 | 09/21/2006 | SC00001552 |
| 0 | NIPSCO Energy Services, Inc. | | OEM-0065-004 | OEM,FC2/R DESK DOCK SGL SER,SINGLE SERIAL DESK DOCK | 56338 | ZZMOR5045Z10130 | WR00016707 | 09/22/2005 | 09/21/2006 | SC00001552 |
| 0 | NIPSCO Energy Services, Inc. | | OEM-0065-043 | OEM,FC2/R DESK DOCK,ETHERNET,SINGLE ETHERNET DESK DOCK | 56124 | ZZMOR5040Z10003 | WR00016493 | 09/22/2005 | 09/21/2006 | SC00001552 |
| 0 | NIPSCO Energy Services, Inc. | | OEM-0065-043 | OEM,FC2/R DESK DOCK,ETHERNET,SINGLE ETHERNET DESK DOCK | 56127 | ZZMOR5040Z10036 | WR00016496 | 09/22/2005 | 09/21/2006 | SC00001552 |
| 0 | NIPSCO Energy Services, Inc. | | OEM-0065-043 | OEM,FC2/R DESK DOCK,ETHERNET,SINGLE ETHERNET DESK DOCK | 56128 | ZZMOR5040Z10051 | WR00016497 | 09/22/2005 | 09/21/2006 | SC00001552 |
| 0 | NIPSCO Energy Services, Inc. | | OEM-0065-043 | OEM,FC2/R DESK DOCK,ETHERNET,SINGLE ETHERNET DESK DOCK | 56130 | ZZMOR5040Z10054 | WR00016499 | 09/22/2005 | 09/21/2006 | SC00001552 |

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|--------|------------------------------|--------|----------------|---|--------|-----------------|------------|------------|------------|------------|
| 0 | NIPSCO Energy Services, Inc. | | OEM-0065-043 | OEM,FC2/R DESK DOCK,ETHERNET,SINGLE ETHERNET DESK DOCK | 57831 | ZZM0R5040Z10074 | WR00017161 | 09/22/2005 | 09/21/2006 | SC00001552 |
| 0 | NIPSCO Energy Services, Inc. | | OEM-0065-043 | OEM,FC2/R DESK DOCK,ETHERNET,SINGLE ETHERNET DESK DOCK | 57834 | ZZM0R5040Z10092 | WR00017164 | 09/22/2005 | 09/21/2006 | SC00001552 |
| 0 | NIPSCO Energy Services, Inc. | | OEM-0065-043 | OEM,FC2/R DESK DOCK,ETHERNET,SINGLE ETHERNET DESK DOCK | 111789 | ZZM0R5062Z10016 | WR00041763 | 12/14/2005 | 12/13/2006 | SC00001552 |
| 0 | NIPSCO Energy Services, Inc. | | OEM-0065-043 | OEM,FC2/R DESK DOCK,ETHERNET,SINGLE ETHERNET DESK DOCK | 111803 | ZZM0R5062Z10045 | WR00041777 | 12/14/2005 | 12/13/2006 | SC00001552 |
| 0 | NIPSCO Energy Services, Inc. | | OEM-0065-043 | OEM,FC2/R DESK DOCK,ETHERNET,SINGLE ETHERNET DESK DOCK | 112501 | ZZM0R5067Z10064 | WR00041907 | 12/14/2005 | 12/13/2006 | SC00001552 |
| 0 | NIPSCO Energy Services, Inc. | | OEM-0065-043 | OEM,FC2/R DESK DOCK,ETHERNET,SINGLE ETHERNET DESK DOCK | 112509 | ZZM0R5067Z10078 | WR00041915 | 12/14/2005 | 12/13/2006 | SC00001552 |
| 122279 | NIPSCO Energy Services, Inc. | NIPSCO | OEM-0065-043-R | OEM,FC2/R DESK DOCK,ETHERNET,SINGLE ETHERNET DESK DOCK ROHS | 300715 | ZZM0R7250Z10006 | WR00073709 | 09/15/2008 | 01/01/2009 | SC00001552 |
| 122279 | NIPSCO Energy Services, Inc. | NIPSCO | OEM-0065-043-R | OEM,FC2/R DESK DOCK,ETHERNET,SINGLE ETHERNET DESK DOCK ROHS | 300729 | ZZM0R7250Z10007 | WR00073710 | 09/15/2008 | 01/31/2009 | SC00001552 |
| 140358 | NIPSCO Energy Services, Inc. | NIPSCO | OEM-0065-043-R | OEM,FC2/R DESK DOCK,ETHERNET,SINGLE ETHERNET DESK DOCK ROHS | 549401 | ZZM0R8086Z10065 | WR00073726 | 09/15/2008 | 08/31/2009 | SC00001552 |
| 140358 | NIPSCO Energy Services, Inc. | NIPSCO | OEM-0065-043-R | OEM,FC2/R DESK DOCK,ETHERNET,SINGLE ETHERNET DESK DOCK ROHS | 549416 | ZZM0R8086Z10068 | WR00073741 | 09/15/2008 | 08/31/2009 | SC00001552 |
| 0 | NIPSCO Energy Services, Inc. | | OEM-0065-045 | OEM,FC2/R ETHERNET MULTIDOCK DESK DOCK, 6 UNITS | 58134 | PS97225 | WR00017463 | 09/21/2005 | 09/20/2006 | SC00001552 |
| 0 | NIPSCO Energy Services, Inc. | | OEM-0065-045 | OEM,FC2/R ETHERNET MULTIDOCK DESK DOCK, 6 UNITS | 58137 | PS97230 | WR00017466 | 09/21/2005 | 09/20/2006 | SC00001552 |
| 0 | NIPSCO Energy Services, Inc. | | OEM-0065-045 | OEM,FC2/R ETHERNET MULTIDOCK DESK DOCK, 6 UNITS | 58138 | PS97231 | WR00017467 | 09/21/2005 | 09/20/2006 | SC00001552 |
| 0 | NIPSCO Energy Services, Inc. | | OEM-0065-045 | OEM,FC2/R ETHERNET MULTIDOCK DESK DOCK, 6 UNITS | 58139 | PS97234 | WR00017468 | 09/21/2005 | 09/20/2006 | SC00001552 |
| 0 | NIPSCO Energy Services, Inc. | | OEM-0065-045 | OEM,FC2/R ETHERNET MULTIDOCK DESK DOCK, 6 UNITS | 58140 | PS97235 | WR00017469 | 09/22/2005 | 09/21/2006 | SC00001552 |
| 0 | NIPSCO Energy Services, Inc. | | OEM-0065-045 | OEM,FC2/R ETHERNET MULTIDOCK DESK DOCK, 6 UNITS | 108204 | PS96935 | WR00039890 | 12/14/2005 | 12/13/2006 | SC00001552 |
| 0 | NIPSCO Energy Services, Inc. | | OEM-0065-045 | OEM,FC2/R ETHERNET MULTIDOCK DESK DOCK, 6 UNITS | 108210 | PS96949 | WR00039896 | 12/14/2005 | 12/13/2006 | SC00001552 |
| 0 | NIPSCO Energy Services, Inc. | | OEM-0065-045 | OEM,FC2/R ETHERNET MULTIDOCK DESK DOCK, 6 UNITS | 108211 | PS96951 | WR00039897 | 12/14/2005 | 12/13/2006 | SC00001552 |
| 0 | NIPSCO Energy Services, Inc. | | OEM-0065-045 | OEM,FC2/R ETHERNET MULTIDOCK DESK DOCK, 6 UNITS | 108213 | PS96955 | WR00039899 | 12/14/2005 | 12/13/2006 | SC00001552 |
| 0 | NIPSCO Energy Services, Inc. | | OEM-0065-045 | OEM,FC2/R ETHERNET MULTIDOCK DESK DOCK, 6 UNITS | 108222 | PS96970 | WR00039908 | 12/14/2005 | 12/13/2006 | SC00001552 |
| 0 | NIPSCO Energy Services, Inc. | | OEM-0065-045 | OEM,FC2/R ETHERNET MULTIDOCK DESK DOCK, 6 UNITS | 108230 | PS96984 | WR00039916 | 12/14/2005 | 12/13/2006 | SC00001552 |
| 0 | NIPSCO Energy Services, Inc. | | OEM-0065-045 | OEM,FC2/R ETHERNET MULTIDOCK DESK DOCK, 6 UNITS | 108234 | PS96996 | WR00039920 | 12/14/2005 | 12/13/2006 | SC00001552 |
| 0 | NIPSCO Energy Services, Inc. | | OEM-0065-045 | OEM,FC2/R ETHERNET MULTIDOCK DESK DOCK, 6 UNITS | 108235 | PS96998 | WR00039921 | 12/14/2005 | 12/13/2006 | SC00001552 |
| 0 | NIPSCO Energy Services, Inc. | | OEM-0065-045 | OEM,FC2/R ETHERNET MULTIDOCK DESK DOCK, 6 UNITS | 108245 | PS97010 | WR00039931 | 12/14/2005 | 12/13/2006 | SC00001552 |
| 0 | NIPSCO Energy Services, Inc. | | OEM-0065-045 | OEM,FC2/R ETHERNET MULTIDOCK DESK DOCK, 6 UNITS | 108246 | PS97011 | WR00039932 | 12/14/2005 | 12/13/2006 | SC00001552 |
| 0 | NIPSCO Energy Services, Inc. | | OEM-0065-045 | OEM,FC2/R ETHERNET MULTIDOCK DESK DOCK, 6 UNITS | 108247 | PS97013 | WR00039933 | 12/14/2005 | 12/13/2006 | SC00001552 |
| 0 | NIPSCO Energy Services, Inc. | | OEM-0065-045 | OEM,FC2/R ETHERNET MULTIDOCK DESK DOCK, 6 UNITS | 108248 | PS97014 | WR00039934 | 12/14/2005 | 12/13/2006 | SC00001552 |
| 0 | NIPSCO Energy Services, Inc. | | OEM-0065-045 | OEM,FC2/R ETHERNET MULTIDOCK DESK DOCK, 6 UNITS | 108251 | PS97017 | WR00039937 | 12/14/2005 | 12/13/2006 | SC00001552 |
| 0 | NIPSCO Energy Services, Inc. | | OEM-0065-045 | OEM,FC2/R ETHERNET MULTIDOCK DESK DOCK, 6 UNITS | 108257 | PS97028 | WR00039943 | 12/14/2005 | 12/13/2006 | SC00001552 |
| 0 | NIPSCO Energy Services, Inc. | | OEM-0065-045 | OEM,FC2/R ETHERNET MULTIDOCK DESK DOCK, 6 UNITS | 108259 | PS97031 | WR00039945 | 12/14/2005 | 12/13/2006 | SC00001552 |
| 0 | NIPSCO Energy Services, Inc. | | OEM-0065-045 | OEM,FC2/R ETHERNET MULTIDOCK DESK DOCK, 6 UNITS | 108260 | PS97032 | WR00039946 | 12/14/2005 | 12/13/2006 | SC00001552 |
| 0 | NIPSCO Energy Services, Inc. | | OEM-0065-045 | OEM,FC2/R ETHERNET MULTIDOCK DESK DOCK, 6 UNITS | 108262 | PS97036 | WR00039948 | 12/14/2005 | 12/13/2006 | SC00001552 |
| 0 | NIPSCO Energy Services, Inc. | | OEM-0065-045 | OEM,FC2/R ETHERNET MULTIDOCK DESK DOCK, 6 UNITS | 108263 | PS97037 | WR00039949 | 12/14/2005 | 12/13/2006 | SC00001552 |
| 122279 | NIPSCO Energy Services, Inc. | NIPSCO | OEM-0065-045 | OEM,FC2/R ETHERNET MULTIDOCK DESK DOCK, 6 UNITS | 300680 | PS227731 | WR00073708 | 09/15/2008 | 01/31/2009 | SC00001552 |

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|--------|------------------------------|--------|-----------------|--|--------|-----------------|------------|------------|------------|------------|
| 140358 | NIPSCO Energy Services, Inc. | NIPSCO | OEM-0065-045-11 | OEM,PC2/R ETHERNET MULTIDOCK DESK DOCK, 6 BAYS,ROLLS | 549350 | PS227797 | WR00073724 | 09/15/2008 | 08/31/2009 | SC00001552 |
| 0 | NIPSCO Energy Services, Inc. | | OEM-0065-051 | OEM,PC2, EXTENDED SER DESK DOCK | 56815 | ZZM0R5151ZJ0016 | WR00016968 | 09/21/2005 | 09/20/2006 | SC00001552 |
| 0 | NIPSCO Energy Services, Inc. | | OEM-0065-051 | OEM,PC2, EXTENDED SER DESK DOCK | 56818 | ZZM0R5151ZJ0029 | WR00016971 | 09/21/2005 | 09/20/2006 | SC00001552 |
| 0 | NIPSCO Energy Services, Inc. | | OEM-0065-051 | OEM,PC2, EXTENDED SER DESK DOCK | 56820 | ZZM0R5151ZJ0032 | WR00016973 | 09/21/2005 | 09/20/2006 | SC00001552 |
| 0 | NIPSCO Energy Services, Inc. | | OEM-0065-051 | OEM,PC2, EXTENDED SER DESK DOCK | 56822 | ZZM0R5151ZJ0040 | WR00016975 | 09/21/2005 | 09/20/2006 | SC00001552 |
| 0 | NIPSCO Energy Services, Inc. | | OEM-0065-051 | OEM,PC2, EXTENDED SER DESK DOCK | 108893 | ZZM0R5151ZJ0017 | WR00040296 | 12/14/2005 | 12/13/2006 | SC00001552 |
| 0 | NIPSCO Energy Services, Inc. | | OEM-0065-051 | OEM,PC2, EXTENDED SER DESK DOCK | 108894 | ZZM0R5151ZJ0019 | WR00040297 | 12/14/2005 | 12/13/2006 | SC00001552 |
| 0 | NIPSCO Energy Services, Inc. | | OEM-0065-051 | OEM,PC2, EXTENDED SER DESK DOCK | 108895 | ZZM0R5151ZJ0021 | WR00040298 | 12/14/2005 | 12/13/2006 | SC00001552 |
| 0 | NIPSCO Energy Services, Inc. | | OEM-0065-051 | OEM,PC2, EXTENDED SER DESK DOCK | 108896 | ZZM0R5151ZJ0022 | WR00040299 | 12/14/2005 | 12/13/2006 | SC00001552 |
| 0 | NIPSCO Energy Services, Inc. | | OEM-0065-051 | OEM,PC2, EXTENDED SER DESK DOCK | 108900 | ZZM0R5151ZJ0033 | WR00040303 | 12/14/2005 | 12/13/2006 | SC00001552 |
| 0 | NIPSCO Energy Services, Inc. | | ROP-0002-001 | ROP,WAKE UP/BUNDLE UP | 66757 | 16079 | WR00018605 | 01/01/2005 | 12/31/2005 | |
| 0 | NIPSCO Energy Services, Inc. | | ROP-0002-001 | ROP,WAKE UP/BUNDLE UP | 66758 | 16080 | WR00018606 | 01/01/2005 | 12/31/2005 | |
| 0 | NIPSCO Energy Services, Inc. | | ROP-0002-001 | ROP,WAKE UP/BUNDLE UP | 139895 | 18036 | WR00056510 | 08/29/2006 | 10/31/2007 | |
| 0 | NIPSCO Energy Services, Inc. | | TRX-0004-003 | TRX,CSR,TOP LEVEL | 79006 | 400013 | WR00030472 | 01/01/2005 | 12/31/2005 | |
| 0 | NIPSCO Energy Services, Inc. | | TRX-0004-003 | TRX,CSR,TOP LEVEL | 79014 | 400024 | WR00030480 | 01/01/2005 | 12/31/2005 | |
| 0 | NIPSCO Energy Services, Inc. | | TRX-0004-003 | TRX,CSR,TOP LEVEL | 79024 | 400036 | WR00030490 | 01/01/2005 | 12/31/2005 | |
| 0 | NIPSCO Energy Services, Inc. | | TRX-0004-003 | TRX,CSR,TOP LEVEL | 79036 | 400056 | WR00030502 | 01/01/2005 | 12/31/2005 | |
| 0 | NIPSCO Energy Services, Inc. | | TRX-0004-003 | TRX,CSR,TOP LEVEL | 80595 | 418834 | WR00032061 | 01/01/2005 | 12/31/2005 | |
| 0 | NIPSCO Energy Services, Inc. | | TRX-0004-003 | TRX,CSR,TOP LEVEL | 80700 | 418954 | WR00032166 | 01/01/2005 | 12/31/2005 | |
| 0 | NIPSCO Energy Services, Inc. | | TRX-0004-003 | TRX,CSR,TOP LEVEL | 80710 | 418965 | WR00032176 | 01/01/2005 | 12/31/2005 | |
| 0 | NIPSCO Energy Services, Inc. | | TRX-0004-003 | TRX,CSR,TOP LEVEL | 80726 | 418984 | WR00032192 | 01/01/2005 | 12/31/2005 | |
| 0 | NIPSCO Energy Services, Inc. | | TRX-0004-003 | TRX,CSR,TOP LEVEL | 80813 | 419417 | WR00032279 | 01/01/2005 | 12/31/2005 | |
| 0 | NIPSCO Energy Services, Inc. | | TRX-0004-003 | TRX,CSR,TOP LEVEL | 81548 | 418997 | WR00033014 | 01/01/2005 | 12/31/2005 | |
| 0 | NIPSCO Energy Services, Inc. | | TRX-0004-003 | TRX,CSR,TOP LEVEL | 81556 | 419006 | WR00033022 | 01/01/2005 | 12/31/2005 | |
| 0 | NIPSCO Energy Services, Inc. | | TRX-0004-003 | TRX,CSR,TOP LEVEL | 81560 | 419012 | WR00033026 | 01/01/2005 | 12/31/2005 | |
| 0 | NIPSCO Energy Services, Inc. | | TRX-0004-003 | TRX,CSR,TOP LEVEL | 81573 | 419026 | WR00033039 | 01/01/2005 | 12/31/2005 | |
| 0 | NIPSCO Energy Services, Inc. | | TRX-0004-003 | TRX,CSR,TOP LEVEL | 81583 | 419036 | WR00033049 | 01/01/2005 | 12/31/2005 | |
| 0 | NIPSCO Energy Services, Inc. | | TRX-0004-003 | TRX,CSR,TOP LEVEL | 81591 | 419044 | WR00033057 | 01/01/2005 | 12/31/2005 | |
| 0 | NIPSCO Energy Services, Inc. | | TRX-0004-003 | TRX,CSR,TOP LEVEL | 81592 | 419045 | WR00033058 | 01/01/2005 | 12/31/2005 | |
| 0 | NIPSCO Energy Services, Inc. | | TRX-0004-003 | TRX,CSR,TOP LEVEL | 81593 | 419046 | WR00033059 | 01/01/2005 | 12/31/2005 | |
| 0 | NIPSCO Energy Services, Inc. | | TRX-0004-003 | TRX,CSR,TOP LEVEL | 81595 | 419049 | WR00033061 | 01/01/2005 | 12/31/2005 | |
| 0 | NIPSCO Energy Services, Inc. | | TRX-0004-003 | TRX,CSR,TOP LEVEL | 81598 | 419052 | WR00033064 | 01/01/2005 | 12/31/2005 | |
| 0 | NIPSCO Energy Services, Inc. | | TRX-0004-003 | TRX,CSR,TOP LEVEL | 81599 | 419053 | WR00033065 | 01/01/2005 | 12/31/2005 | |
| 0 | NIPSCO Energy Services, Inc. | | TRX-0004-003 | TRX,CSR,TOP LEVEL | 81602 | 419057 | WR00033068 | 01/01/2005 | 12/31/2005 | |

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| 0 | NIPSCO Energy Services, Inc. | TRX-0004-003 | TRX,CSR,TOP LEVEL | 81603 | 419058 | WR00033069 | 01/01/2005 | 12/31/2005 |
| 0 | NIPSCO Energy Services, Inc. | TRX-0004-003 | TRX,CSR,TOP LEVEL | 81604 | 419059 | WR00033070 | 01/01/2005 | 12/31/2005 |
| 0 | NIPSCO Energy Services, Inc. | TRX-0004-003 | TRX,CSR,TOP LEVEL | 81606 | 419061 | WR00033072 | 01/01/2005 | 12/31/2005 |
| 0 | NIPSCO Energy Services, Inc. | TRX-0004-003 | TRX,CSR,TOP LEVEL | 81611 | 419066 | WR00033077 | 01/01/2005 | 12/31/2005 |
| 0 | NIPSCO Energy Services, Inc. | TRX-0004-003 | TRX,CSR,TOP LEVEL | 81615 | 419071 | WR00033081 | 01/01/2005 | 12/31/2005 |
| 0 | NIPSCO Energy Services, Inc. | TRX-0004-003 | TRX,CSR,TOP LEVEL | 81617 | 419073 | WR00033083 | 01/01/2005 | 12/31/2005 |
| 0 | NIPSCO Energy Services, Inc. | TRX-0004-003 | TRX,CSR,TOP LEVEL | 81618 | 419074 | WR00033084 | 01/01/2005 | 12/31/2005 |

| Index | Customer Name | Product Code | Product Description | Ins. Rate | Rate | Start | End | Term | Contract |
|-------|----------------------------------|--------------|-----------------------|-----------|--------|------------|------------|------------|------------|
| 0 | Northern Indiana Trading Company | BCS-0003-002 | BCS,G5 POD | 41332 | 395857 | WR00007767 | 01/01/2005 | 12/31/2005 | SC00001503 |
| 0 | Northern Indiana Trading Company | BCS-0003-002 | BCS,G5 POD | 41347 | 395877 | WR00007782 | 01/01/2005 | 12/31/2005 | SC00001503 |
| 0 | Northern Indiana Trading Company | BCS-0003-002 | BCS,G5 POD | 41348 | 395878 | WR00007783 | 01/01/2005 | 12/31/2005 | SC00001503 |
| 0 | Northern Indiana Trading Company | BCS-0003-002 | BCS,G5 POD | 41349 | 395880 | WR00007784 | 01/01/2005 | 12/31/2005 | SC00001503 |
| 0 | Northern Indiana Trading Company | BCS-0003-002 | BCS,G5 POD | 41350 | 395881 | WR00007785 | 01/01/2005 | 12/31/2005 | SC00001503 |
| 0 | Northern Indiana Trading Company | BCS-0003-002 | BCS,G5 POD | 41351 | 395882 | WR00007786 | 01/01/2005 | 12/31/2005 | SC00001503 |
| 0 | Northern Indiana Trading Company | BCS-0003-002 | BCS,G5 POD | 41352 | 395884 | WR00007787 | 01/01/2005 | 12/31/2005 | SC00001503 |
| 0 | Northern Indiana Trading Company | BCS-0003-002 | BCS,G5 POD | 41354 | 395886 | WR00007789 | 01/01/2005 | 12/31/2005 | SC00001503 |
| 0 | Northern Indiana Trading Company | BCS-0003-002 | BCS,G5 POD | 41355 | 395887 | WR00007790 | 01/01/2005 | 12/31/2005 | SC00001503 |
| 0 | Northern Indiana Trading Company | BCS-0003-002 | BCS,G5 POD | 41368 | 395902 | WR00007803 | 01/01/2005 | 12/31/2005 | SC00001503 |
| 0 | Northern Indiana Trading Company | BCS-0003-002 | BCS,G5 POD | 41369 | 395903 | WR00007804 | 01/01/2005 | 12/31/2005 | SC00001503 |
| 0 | Northern Indiana Trading Company | BCS-0003-002 | BCS,G5 POD | 41404 | 395958 | WR00007839 | 01/01/2005 | 12/31/2005 | SC00001503 |
| 0 | Northern Indiana Trading Company | BCS-0003-002 | BCS,G5 POD | 45557 | 421416 | WR00011986 | 02/17/2005 | 02/16/2006 | SC00001503 |
| 0 | Northern Indiana Trading Company | ROP-0002-001 | ROP,WAKE UP/BUBBLE UP | 67236 | 16630 | WR00019084 | 01/01/2005 | 12/31/2005 | |
| 0 | Northern Indiana Trading Company | ROP-0002-001 | ROP,WAKE UP/BUBBLE UP | 67256 | 16699 | WR00019104 | 12/15/2003 | 12/14/2004 | |
| 0 | Northern Indiana Trading Company | ROP-0002-001 | ROP,WAKE UP/BUBBLE UP | 67257 | 16706 | WR00019105 | 12/15/2003 | 12/14/2004 | |
| 0 | Northern Indiana Trading Company | TRX-0004-002 | TRX,G5R TOP LEVEL | 73879 | 396127 | WR00025480 | 01/01/2005 | 12/31/2005 | SC00001503 |
| 0 | Northern Indiana Trading Company | TRX-0004-002 | TRX,G5R TOP LEVEL | 73880 | 396128 | WR00025481 | 01/01/2005 | 12/31/2005 | SC00001503 |
| 0 | Northern Indiana Trading Company | TRX-0004-002 | TRX,G5R TOP LEVEL | 73895 | 396143 | WR00025496 | 01/01/2005 | 12/31/2005 | SC00001503 |
| 0 | Northern Indiana Trading Company | TRX-0004-002 | TRX,G5R TOP LEVEL | 73897 | 396145 | WR00025498 | 01/01/2005 | 12/31/2005 | SC00001503 |
| 0 | Northern Indiana Trading Company | TRX-0004-002 | TRX,G5R TOP LEVEL | 73900 | 396148 | WR00025501 | 01/01/2005 | 12/31/2005 | SC00001503 |
| 0 | Northern Indiana Trading Company | TRX-0004-002 | TRX,G5R TOP LEVEL | 73904 | 396152 | WR00025505 | 01/01/2005 | 12/31/2005 | SC00001503 |
| 0 | Northern Indiana Trading Company | TRX-0004-002 | TRX,G5R TOP LEVEL | 73905 | 396153 | WR00025506 | 01/01/2005 | 12/31/2005 | SC00001503 |
| 0 | Northern Indiana Trading Company | TRX-0004-002 | TRX,G5R TOP LEVEL | 73913 | 396161 | WR00025514 | 01/01/2005 | 12/31/2005 | SC00001503 |
| 0 | Northern Indiana Trading Company | TRX-0004-002 | TRX,G5R TOP LEVEL | 73915 | 396163 | WR00025516 | 01/01/2005 | 12/31/2005 | SC00001503 |
| 0 | Northern Indiana Trading Company | TRX-0004-002 | TRX,G5R TOP LEVEL | 73920 | 396168 | WR00025521 | 01/01/2005 | 12/31/2005 | SC00001503 |
| 0 | Northern Indiana Trading Company | TRX-0004-002 | TRX,G5R TOP LEVEL | 73921 | 396169 | WR00025522 | 01/01/2005 | 12/31/2005 | SC00001503 |
| 0 | Northern Indiana Trading Company | TRX-0004-002 | TRX,G5R TOP LEVEL | 74364 | 396067 | WR00025965 | 01/01/2005 | 12/31/2005 | SC00001503 |
| 0 | Northern Indiana Trading Company | TRX-0004-003 | TRX,G5R TOP LEVEL | 81070 | 422968 | WR00032536 | 02/17/2005 | 02/16/2006 | SC00001503 |

| Order | Customer Name | Item Number | Description | Manufacturer | Part Number | Quantity | Start Date | End Date |
|--------|-----------------------------------|----------------|---|--------------|-----------------|------------|------------|------------|
| 154215 | NiSource/Columbia Gas of Maryland | DCI-5300-001 | MC3,RF UNIT | 780499 | 74005163 | WR00075989 | 12/09/2008 | 02/28/2010 |
| 151376 | NiSource/Columbia Gas of Maryland | FC2-0005-003 | FC2,SR,2-WAY,512MB,W/O BLUETOOTH | 763241 | DZGEG6174ZZ7733 | WR00075137 | 11/04/2008 | 01/31/2010 |
| 151376 | NiSource/Columbia Gas of Maryland | FC2-0005-003 | FC2,SR,2-WAY,512MB,W/O BLUETOOTH | 763242 | DZGEG6114ZZ3846 | WR00075137 | 11/04/2008 | 01/31/2010 |
| 151376 | NiSource/Columbia Gas of Maryland | OEM-0065-043-R | OEM,FC2/R DESK DOCK,ETHERNET,SINGLE ETHERNET DESK DOCK R01S | 763237 | ZZM0R8119ZM0115 | WR00075137 | 11/04/2008 | 01/31/2010 |
| 151376 | NiSource/Columbia Gas of Maryland | OEM-0065-043-R | OEM,FC2/R DESK DOCK,ETHERNET,SINGLE ETHERNET DESK DOCK R01S | 763238 | ZZM0R8119ZM0119 | WR00075137 | 11/04/2008 | 01/31/2010 |
| 154215 | NiSource/Columbia Gas of Maryland | SWA-0236-001 | SWA,FTX,XR1,3IC3,V3.0 | 780501 | ZZGEG6280ZZ0731 | WR00075989 | 12/09/2008 | 02/28/2010 |

| Account Number | Product Code | Quantity | Description | Unit of Measure | Item Code | Warehouse | Start Date | End Date | Inventory |
|----------------|--------------|----------|---------------------------------|-----------------|------------|------------|------------|------------|------------|
| 417380 | 417380 | 0 | NiSource / Columbia Gas of Ohio | BCS-0003-002 | BCS,G5 POD | WR00010159 | 01/01/2005 | 12/31/2005 | SC00000045 |
| 417420 | 417420 | 0 | NiSource / Columbia Gas of Ohio | BCS-0003-002 | BCS,G5 POD | WR00010189 | 01/01/2005 | 12/31/2005 | SC00000045 |
| 417568 | 417568 | 0 | NiSource / Columbia Gas of Ohio | BCS-0003-002 | BCS,G5 POD | WR00010246 | 01/01/2005 | 12/31/2005 | SC00000045 |
| 417588 | 417588 | 0 | NiSource / Columbia Gas of Ohio | BCS-0003-002 | BCS,G5 POD | WR00010262 | 01/01/2005 | 12/31/2005 | SC00000045 |
| 417602 | 417602 | 0 | NiSource / Columbia Gas of Ohio | BCS-0003-002 | BCS,G5 POD | WR00010272 | 01/01/2005 | 12/31/2005 | SC00000045 |
| 417603 | 417603 | 0 | NiSource / Columbia Gas of Ohio | BCS-0003-002 | BCS,G5 POD | WR00010273 | 01/01/2005 | 12/31/2005 | SC00000045 |
| 417607 | 417607 | 0 | NiSource / Columbia Gas of Ohio | BCS-0003-002 | BCS,G5 POD | WR00010274 | 01/01/2005 | 12/31/2005 | SC00000045 |
| 417616 | 417616 | 0 | NiSource / Columbia Gas of Ohio | BCS-0003-002 | BCS,G5 POD | WR00010278 | 01/01/2005 | 12/31/2005 | SC00000045 |
| 417628 | 417628 | 0 | NiSource / Columbia Gas of Ohio | BCS-0003-002 | BCS,G5 POD | WR00010284 | 01/01/2005 | 12/31/2005 | SC00000045 |
| 417629 | 417629 | 0 | NiSource / Columbia Gas of Ohio | BCS-0003-002 | BCS,G5 POD | WR00010285 | 01/01/2005 | 12/31/2005 | SC00000045 |
| 417630 | 417630 | 0 | NiSource / Columbia Gas of Ohio | BCS-0003-002 | BCS,G5 POD | WR00010286 | 01/01/2005 | 12/31/2005 | SC00000045 |
| 417631 | 417631 | 0 | NiSource / Columbia Gas of Ohio | BCS-0003-002 | BCS,G5 POD | WR00010287 | 01/01/2005 | 12/31/2005 | SC00000045 |
| 417632 | 417632 | 0 | NiSource / Columbia Gas of Ohio | BCS-0003-002 | BCS,G5 POD | WR00010288 | 01/01/2005 | 12/31/2005 | SC00000045 |
| 417633 | 417633 | 0 | NiSource / Columbia Gas of Ohio | BCS-0003-002 | BCS,G5 POD | WR00010289 | 01/01/2005 | 12/31/2005 | SC00000045 |
| 417634 | 417634 | 0 | NiSource / Columbia Gas of Ohio | BCS-0003-002 | BCS,G5 POD | WR00010290 | 01/01/2005 | 12/31/2005 | SC00000045 |
| 417635 | 417635 | 0 | NiSource / Columbia Gas of Ohio | BCS-0003-002 | BCS,G5 POD | WR00010291 | 01/01/2005 | 12/31/2005 | SC00000045 |
| 417636 | 417636 | 0 | NiSource / Columbia Gas of Ohio | BCS-0003-002 | BCS,G5 POD | WR00010292 | 01/01/2005 | 12/31/2005 | SC00000045 |
| 417637 | 417637 | 0 | NiSource / Columbia Gas of Ohio | BCS-0003-002 | BCS,G5 POD | WR00010293 | 01/01/2005 | 12/31/2005 | SC00000045 |
| 417638 | 417638 | 0 | NiSource / Columbia Gas of Ohio | BCS-0003-002 | BCS,G5 POD | WR00010294 | 01/01/2005 | 12/31/2005 | SC00000045 |
| 417639 | 417639 | 0 | NiSource / Columbia Gas of Ohio | BCS-0003-002 | BCS,G5 POD | WR00010295 | 01/01/2005 | 12/31/2005 | SC00000045 |
| 417640 | 417640 | 0 | NiSource / Columbia Gas of Ohio | BCS-0003-002 | BCS,G5 POD | WR00010296 | 01/01/2005 | 12/31/2005 | SC00000045 |
| 417641 | 417641 | 0 | NiSource / Columbia Gas of Ohio | BCS-0003-002 | BCS,G5 POD | WR00010297 | 01/01/2005 | 12/31/2005 | SC00000045 |
| 417643 | 417643 | 0 | NiSource / Columbia Gas of Ohio | BCS-0003-002 | BCS,G5 POD | WR00010299 | 01/01/2005 | 12/31/2005 | SC00000045 |
| 417644 | 417644 | 0 | NiSource / Columbia Gas of Ohio | BCS-0003-002 | BCS,G5 POD | WR00010300 | 01/01/2005 | 12/31/2005 | SC00000045 |
| 417646 | 417646 | 0 | NiSource / Columbia Gas of Ohio | BCS-0003-002 | BCS,G5 POD | WR00010301 | 01/01/2005 | 12/31/2005 | SC00000045 |
| 417647 | 417647 | 0 | NiSource / Columbia Gas of Ohio | BCS-0003-002 | BCS,G5 POD | WR00010302 | 01/01/2005 | 12/31/2005 | SC00000045 |
| 417651 | 417651 | 0 | NiSource / Columbia Gas of Ohio | BCS-0003-002 | BCS,G5 POD | WR00010305 | 01/01/2005 | 12/31/2005 | SC00000045 |
| 417652 | 417652 | 0 | NiSource / Columbia Gas of Ohio | BCS-0003-002 | BCS,G5 POD | WR00010306 | 01/01/2005 | 12/31/2005 | SC00000045 |
| 417654 | 417654 | 0 | NiSource / Columbia Gas of Ohio | BCS-0003-002 | BCS,G5 POD | WR00010307 | 01/01/2005 | 12/31/2005 | SC00000045 |
| 417657 | 417657 | 0 | NiSource / Columbia Gas of Ohio | BCS-0003-002 | BCS,G5 POD | WR00010309 | 01/01/2005 | 12/31/2005 | SC00000045 |
| 417658 | 417658 | 0 | NiSource / Columbia Gas of Ohio | BCS-0003-002 | BCS,G5 POD | WR00010310 | 01/01/2005 | 12/31/2005 | SC00000045 |
| 417662 | 417662 | 0 | NiSource / Columbia Gas of Ohio | BCS-0003-002 | BCS,G5 POD | WR00010314 | 01/01/2005 | 12/31/2005 | SC00000045 |

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|----------|----------|---|---------------------------------|--------------|--------------|------------|------------|------------|------------|
| 418045 | 418045 | 0 | NiSource / Columbia Gas of Ohio | BCS-0003-002 | BCS,G5 POD | WR00010491 | 01/01/2005 | 12/31/2005 | SC00000045 |
| 418150 | 418150 | 0 | NiSource / Columbia Gas of Ohio | BCS-0003-002 | BCS,G5 POD | WR00012116 | 01/01/2005 | 12/31/2005 | SC00000045 |
| 418156 | 418156 | 0 | NiSource / Columbia Gas of Ohio | BCS-0003-002 | BCS,G5 POD | WR00012122 | 01/01/2005 | 12/31/2005 | SC00000045 |
| 418172 | 418172 | 0 | NiSource / Columbia Gas of Ohio | BCS-0003-002 | BCS,G5 POD | WR00012137 | 01/01/2005 | 12/31/2005 | SC00000045 |
| 418173 | 418173 | 0 | NiSource / Columbia Gas of Ohio | BCS-0003-002 | BCS,G5 POD | WR00012138 | 01/01/2005 | 12/31/2005 | SC00000045 |
| 420172 | 420172 | 0 | NiSource / Columbia Gas of Ohio | BCS-0003-002 | BCS,G5 POD | WR00012215 | 01/01/2005 | 12/31/2005 | SC00000045 |
| 420173 | 420173 | 0 | NiSource / Columbia Gas of Ohio | BCS-0003-002 | BCS,G5 POD | WR00012216 | 01/01/2005 | 12/31/2005 | SC00000045 |
| 420174 | 420174 | 0 | NiSource / Columbia Gas of Ohio | BCS-0003-002 | BCS,G5 POD | WR00012217 | 01/01/2005 | 12/31/2005 | SC00000045 |
| 420373 | 420373 | 0 | NiSource / Columbia Gas of Ohio | BCS-0003-002 | BCS,G5 POD | WR00012326 | 01/01/2005 | 12/31/2005 | SC00000045 |
| 420374 | 420374 | 0 | NiSource / Columbia Gas of Ohio | BCS-0003-002 | BCS,G5 POD | WR00012327 | 01/01/2005 | 12/31/2005 | SC00000045 |
| 420375 | 420375 | 0 | NiSource / Columbia Gas of Ohio | BCS-0003-002 | BCS,G5 POD | WR00012328 | 01/01/2005 | 12/31/2005 | SC00000045 |
| 420376 | 420376 | 0 | NiSource / Columbia Gas of Ohio | BCS-0003-002 | BCS,G5 POD | WR00012329 | 01/01/2005 | 12/31/2005 | SC00000045 |
| 420377 | 420377 | 0 | NiSource / Columbia Gas of Ohio | BCS-0003-002 | BCS,G5 POD | WR00012330 | 01/01/2005 | 12/31/2005 | SC00000045 |
| 420379 | 420379 | 0 | NiSource / Columbia Gas of Ohio | BCS-0003-002 | BCS,G5 POD | WR00012332 | 01/01/2005 | 12/31/2005 | SC00000045 |
| 420380 | 420380 | 0 | NiSource / Columbia Gas of Ohio | BCS-0003-002 | BCS,G5 POD | WR00012333 | 01/01/2005 | 12/31/2005 | SC00000045 |
| 420381 | 420381 | 0 | NiSource / Columbia Gas of Ohio | BCS-0003-002 | BCS,G5 POD | WR00012334 | 01/01/2005 | 12/31/2005 | SC00000045 |
| 420382 | 420382 | 0 | NiSource / Columbia Gas of Ohio | BCS-0003-002 | BCS,G5 POD | WR00012335 | 01/01/2005 | 12/31/2005 | SC00000045 |
| 420383 | 420383 | 0 | NiSource / Columbia Gas of Ohio | BCS-0003-002 | BCS,G5 POD | WR00012336 | 01/01/2005 | 12/31/2005 | SC00000045 |
| 420384 | 420384 | 0 | NiSource / Columbia Gas of Ohio | BCS-0003-002 | BCS,G5 POD | WR00012337 | 01/01/2005 | 12/31/2005 | SC00000045 |
| 420385 | 420385 | 0 | NiSource / Columbia Gas of Ohio | BCS-0003-002 | BCS,G5 POD | WR00012338 | 01/01/2005 | 12/31/2005 | SC00000045 |
| 420386 | 420386 | 0 | NiSource / Columbia Gas of Ohio | BCS-0003-002 | BCS,G5 POD | WR00012339 | 01/01/2005 | 12/31/2005 | SC00000045 |
| 420387 | 420387 | 0 | NiSource / Columbia Gas of Ohio | BCS-0003-002 | BCS,G5 POD | WR00012340 | 01/01/2005 | 12/31/2005 | SC00000045 |
| 420388 | 420388 | 0 | NiSource / Columbia Gas of Ohio | BCS-0003-002 | BCS,G5 POD | WR00012341 | 01/01/2005 | 12/31/2005 | SC00000045 |
| 420389 | 420389 | 0 | NiSource / Columbia Gas of Ohio | BCS-0003-002 | BCS,G5 POD | WR00012342 | 01/01/2005 | 12/31/2005 | SC00000045 |
| 420390 | 420390 | 0 | NiSource / Columbia Gas of Ohio | BCS-0003-002 | BCS,G5 POD | WR00012343 | 01/01/2005 | 12/31/2005 | SC00000045 |
| 420391 | 420391 | 0 | NiSource / Columbia Gas of Ohio | BCS-0003-002 | BCS,G5 POD | WR00012344 | 01/01/2005 | 12/31/2005 | SC00000045 |
| 420392 | 420392 | 0 | NiSource / Columbia Gas of Ohio | BCS-0003-002 | BCS,G5 POD | WR00012345 | 01/01/2005 | 12/31/2005 | SC00000045 |
| 420393 | 420393 | 0 | NiSource / Columbia Gas of Ohio | BCS-0003-002 | BCS,G5 POD | WR00012346 | 01/01/2005 | 12/31/2005 | SC00000045 |
| 420394 | 420394 | 0 | NiSource / Columbia Gas of Ohio | BCS-0003-002 | BCS,G5 POD | WR00012347 | 01/01/2005 | 12/31/2005 | SC00000045 |
| 420395 | 420395 | 0 | NiSource / Columbia Gas of Ohio | BCS-0003-002 | BCS,G5 POD | WR00012348 | 01/01/2005 | 12/31/2005 | SC00000045 |
| 420396 | 420396 | 0 | NiSource / Columbia Gas of Ohio | BCS-0003-002 | BCS,G5 POD | WR00012349 | 01/01/2005 | 12/31/2005 | SC00000045 |
| 420397 | 420397 | 0 | NiSource / Columbia Gas of Ohio | BCS-0003-002 | BCS,G5 POD | WR00012350 | 01/01/2005 | 12/31/2005 | SC00000045 |
| 420398 | 420398 | 0 | NiSource / Columbia Gas of Ohio | BCS-0003-002 | BCS,G5 POD | WR00012351 | 01/01/2005 | 12/31/2005 | SC00000045 |
| 72501855 | 72501855 | 0 | NiSource / Columbia Gas of Ohio | DCR-4250-001 | DCR-4250-001 | WR00046281 | 08/17/2006 | 10/31/2007 | SC00000045 |

MC2.5, IIF UNIT TOP LEVEL

| | | | | | | | | | |
|-----------------|-----------------|--------|---------------------------------|-----------------|---|------------|------------|------------|------------|
| DZGEG6143ZZ3935 | DZGEG6143ZZ3935 | 0 | NiSource / Columbia Gas of Ohio | FC2-0003-001 | FC2,RAPTOR,ENG OS,256/512MB,53 KEY | WR00046612 | 08/17/2006 | 10/31/2007 | SC00000045 |
| DZGEG6143ZZ3939 | DZGEG6143ZZ3939 | 0 | NiSource / Columbia Gas of Ohio | FC2-0003-001 | FC2,RAPTOR,ENG OS,256/512MB,53 KEY | WR00046615 | 08/17/2006 | 10/31/2007 | SC00000045 |
| DZGEG6143ZZ3946 | DZGEG6143ZZ3946 | 0 | NiSource / Columbia Gas of Ohio | FC2-0003-001 | FC2,RAPTOR,ENG OS,256/512MB,53 KEY | WR00046619 | 08/17/2006 | 10/31/2007 | SC00000045 |
| DZGEG6164ZZ6090 | DZGEG6164ZZ6090 | 0 | NiSource / Columbia Gas of Ohio | FC2-0003-001 | FC2,RAPTOR,ENG OS,256/512MB,53 KEY | WR00046643 | 08/17/2006 | 10/31/2007 | SC00000045 |
| DZGEG800ZZ2374 | DZGEG800ZZ2374 | 140349 | NiSource / Columbia Gas of Ohio | FC2-0005-002 | FC2,SUPER RAPTOR,256MB,W/O BLUETOOTH | WR00071848 | 06/03/2008 | 08/31/2009 | SC00000045 |
| DZGEG8003ZZ2493 | DZGEG8003ZZ2493 | 140349 | NiSource / Columbia Gas of Ohio | FC2-0005-002 | FC2,SUPER RAPTOR,256MB,W/O BLUETOOTH | WR00071848 | 06/03/2008 | 08/31/2009 | SC00000045 |
| DZGEG8003ZZ2513 | DZGEG8003ZZ2513 | 140349 | NiSource / Columbia Gas of Ohio | FC2-0005-002 | FC2,SUPER RAPTOR,256MB,W/O BLUETOOTH | WR00071848 | 06/03/2008 | 08/31/2009 | SC00000045 |
| OZGEG629ZZ9978 | #N/A | 160304 | NiSource / Columbia Gas of Ohio | FC2-0005-003 | FC2,SR,2-WAY,512MB,W/O BLUETOOTH | WR00077911 | 03/18/2009 | 05/31/2010 | |
| DZGEG8196ZZ2444 | #N/A | 164206 | NiSource / Columbia Gas of Ohio | FC2-0005-003 | FC2,SR,2-WAY,512MB,W/O BLUETOOTH | WR00079001 | 06/01/2009 | 05/31/2010 | |
| DZGEG8196ZZ2491 | #N/A | 164206 | NiSource / Columbia Gas of Ohio | FC2-0005-003 | FC2,SR,2-WAY,512MB,W/O BLUETOOTH | WR00079001 | 06/01/2009 | 05/31/2010 | |
| DZGEG825ZZ7328 | #N/A | 160304 | NiSource / Columbia Gas of Ohio | FC2-0005-003 | FC2,SR,2-WAY,512MB,W/O BLUETOOTH | WR00077911 | 03/18/2009 | 05/31/2010 | |
| DZGEG825ZZ7331 | #N/A | 160304 | NiSource / Columbia Gas of Ohio | FC2-0005-003 | FC2,SR,2-WAY,512MB,W/O BLUETOOTH | WR00077911 | 03/18/2009 | 05/31/2010 | |
| DZGEG825ZZ7334 | #N/A | 160304 | NiSource / Columbia Gas of Ohio | FC2-0005-003 | FC2,SR,2-WAY,512MB,W/O BLUETOOTH | WR00077911 | 03/18/2009 | 05/31/2010 | |
| DZGEG825ZZ7373 | #N/A | 160304 | NiSource / Columbia Gas of Ohio | FC2-0005-003 | FC2,SR,2-WAY,512MB,W/O BLUETOOTH | WR00077911 | 03/18/2009 | 05/31/2010 | |
| DZGEG825ZZ7379 | #N/A | 160304 | NiSource / Columbia Gas of Ohio | FC2-0005-003 | FC2,SR,2-WAY,512MB,W/O BLUETOOTH | WR00077911 | 03/18/2009 | 05/31/2010 | |
| DZGEG825ZZ7389 | #N/A | 160304 | NiSource / Columbia Gas of Ohio | FC2-0005-003 | FC2,SR,2-WAY,512MB,W/O BLUETOOTH | WR00077911 | 03/18/2009 | 05/31/2010 | |
| DZGEG825ZZ7392 | #N/A | 160304 | NiSource / Columbia Gas of Ohio | FC2-0005-003 | FC2,SR,2-WAY,512MB,W/O BLUETOOTH | WR00077911 | 03/18/2009 | 05/31/2010 | |
| DZGEG825ZZ7398 | #N/A | 160304 | NiSource / Columbia Gas of Ohio | FC2-0005-003 | FC2,SR,2-WAY,512MB,W/O BLUETOOTH | WR00077911 | 03/18/2009 | 05/31/2010 | |
| DZGEG825ZZ7399 | #N/A | 160304 | NiSource / Columbia Gas of Ohio | FC2-0005-003 | FC2,SR,2-WAY,512MB,W/O BLUETOOTH | WR00077911 | 03/18/2009 | 05/31/2010 | |
| DZGEG825ZZ7405 | #N/A | 160304 | NiSource / Columbia Gas of Ohio | FC2-0005-003 | FC2,SR,2-WAY,512MB,W/O BLUETOOTH | WR00077911 | 03/18/2009 | 05/31/2010 | |
| DZGEG825ZZ7406 | #N/A | 160304 | NiSource / Columbia Gas of Ohio | FC2-0005-003 | FC2,SR,2-WAY,512MB,W/O BLUETOOTH | WR00077911 | 03/18/2009 | 05/31/2010 | |
| DZGEG826ZZ8346 | #N/A | 160304 | NiSource / Columbia Gas of Ohio | FC2-0005-003 | FC2,SR,2-WAY,512MB,W/O BLUETOOTH | WR00077911 | 03/18/2009 | 05/31/2010 | |
| DZGEG826ZZ8347 | #N/A | 160304 | NiSource / Columbia Gas of Ohio | FC2-0005-003 | FC2,SR,2-WAY,512MB,W/O BLUETOOTH | WR00077911 | 03/18/2009 | 05/31/2010 | |
| DZGEG826ZZ8358 | #N/A | 160304 | NiSource / Columbia Gas of Ohio | FC2-0005-003 | FC2,SR,2-WAY,512MB,W/O BLUETOOTH | WR00077911 | 03/18/2009 | 05/31/2010 | |
| DZGEG826ZZ8425 | #N/A | 160304 | NiSource / Columbia Gas of Ohio | FC2-0005-003 | FC2,SR,2-WAY,512MB,W/O BLUETOOTH | WR00077911 | 03/18/2009 | 05/31/2010 | |
| ZZNOR8086ZH0009 | ZZNOR8086ZH0009 | 140349 | NiSource / Columbia Gas of Ohio | OEM-0065-043-R | OEM,FC2/R DESK DOCK,ETHERNET,SINGLE ETHERNET DESK DOCK ROHS | WR00071848 | 06/03/2008 | 08/31/2009 | SC00000045 |
| ZZNOR8086ZH0010 | ZZNOR8086ZH0010 | 140349 | NiSource / Columbia Gas of Ohio | OEM-0065-043-R | OEM,FC2/R DESK DOCK,ETHERNET,SINGLE ETHERNET DESK DOCK ROHS | WR00071848 | 06/03/2008 | 08/31/2009 | SC00000045 |
| ZZNOR8086ZH0016 | ZZNOR8086ZH0016 | 140349 | NiSource / Columbia Gas of Ohio | OEM-0065-043-II | OEM,FC2/R DESK DOCK,ETHERNET,SINGLE ETHERNET DESK DOCK ROHS | WR00071848 | 06/03/2008 | 08/31/2009 | SC00000045 |
| ZZNOR9110ZH0011 | #N/A | 164206 | NiSource / Columbia Gas of Ohio | OEM-0065-043-R | OEM,FC2/R DESK DOCK,ETHERNET,SINGLE ETHERNET DESK DOCK ROHS | WR00079001 | 06/01/2009 | 05/31/2010 | |
| ZZNOR9110ZH0012 | #N/A | 164206 | NiSource / Columbia Gas of Ohio | OEM-0065-043-R | OEM,FC2/R DESK DOCK,ETHERNET,SINGLE ETHERNET DESK DOCK ROHS | WR00079001 | 06/01/2009 | 05/31/2010 | |
| PS96977 | PS96977 | 0 | NiSource / Columbia Gas of Ohio | OEM-0065-045 | OEM,FC2/R ETHERNET MULTIDOCK DESK DOCK, 6 UNITS | WR00039912 | 08/17/2006 | 10/31/2007 | SC00000045 |
| PS227683 | #N/A | 160304 | NiSource / Columbia Gas of Ohio | OEM-0065-045-R | OEM,FC2/R ETHERNET MULTIDOCK DESK DOCK, 6 UNITS,ROHS | WR00077911 | 03/18/2009 | 05/31/2010 | |
| PS227716 | #N/A | 160304 | NiSource / Columbia Gas of Ohio | OEM-0065-045-R | OEM,FC2/R ETHERNET MULTIDOCK DESK DOCK, 6 UNITS,ROHS | WR00077911 | 03/18/2009 | 05/31/2010 | |
| ZZGEG6186ZZ8892 | ZZGEG6186ZZ8892 | 0 | NiSource / Columbia Gas of Ohio | SWA-0119-005 | ITX,GB3,V2.6.3,8GHz,2GB,2 USB,802.11 | WR00049644 | 08/17/2006 | 10/31/2007 | SC00000045 |

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|--------|--------|---|---------------------------------|--------------|-------------------|------------|------------|------------|------------|
| 411611 | 411611 | 0 | NiSource / Columbia Gas of Ohio | TRX-0004-003 | TRX,G5R,TOP LEVEL | WR00030741 | 06/01/2004 | 05/31/2005 | SC00000045 |
| 412097 | 412097 | 0 | NiSource / Columbia Gas of Ohio | TRX-0004-003 | TRX,G5R,TOP LEVEL | WR00031409 | 06/01/2004 | 05/31/2005 | SC00000045 |
| 412954 | 412954 | 0 | NiSource / Columbia Gas of Ohio | TRX-0004-003 | TRX,G5R,TOP LEVEL | WR00031461 | 01/01/2005 | 12/31/2005 | SC00000045 |
| 414091 | 414091 | 0 | NiSource / Columbia Gas of Ohio | TRX-0004-003 | TRX,G5R,TOP LEVEL | WR00031181 | 01/01/2005 | 12/31/2005 | SC00000045 |
| 414100 | 414100 | 0 | NiSource / Columbia Gas of Ohio | TRX-0004-003 | TRX,G5R,TOP LEVEL | WR00031185 | 01/01/2005 | 12/31/2005 | SC00000045 |
| 414114 | 414114 | 0 | NiSource / Columbia Gas of Ohio | TRX-0004-003 | TRX,G5R,TOP LEVEL | WR00031189 | 01/01/2005 | 12/31/2005 | SC00000045 |
| 414118 | 414118 | 0 | NiSource / Columbia Gas of Ohio | TRX-0004-003 | TRX,G5R,TOP LEVEL | WR00031192 | 01/01/2005 | 12/31/2005 | SC00000045 |
| 414120 | 414120 | 0 | NiSource / Columbia Gas of Ohio | TRX-0004-003 | TRX,G5R,TOP LEVEL | WR00031194 | 01/01/2005 | 12/31/2005 | SC00000045 |
| 414121 | 414121 | 0 | NiSource / Columbia Gas of Ohio | TRX-0004-003 | TRX,G5R,TOP LEVEL | WR00031195 | 01/01/2005 | 12/31/2005 | SC00000045 |
| 414122 | 414122 | 0 | NiSource / Columbia Gas of Ohio | TRX-0004-003 | TRX,G5R,TOP LEVEL | WR00031196 | 01/01/2005 | 12/31/2005 | SC00000045 |
| 414126 | 414126 | 0 | NiSource / Columbia Gas of Ohio | TRX-0004-003 | TRX,G5R,TOP LEVEL | WR00031198 | 01/01/2005 | 12/31/2005 | SC00000045 |
| 414130 | 414130 | 0 | NiSource / Columbia Gas of Ohio | TRX-0004-003 | TRX,G5R,TOP LEVEL | WR00031201 | 01/01/2005 | 12/31/2005 | SC00000045 |
| 414131 | 414131 | 0 | NiSource / Columbia Gas of Ohio | TRX-0004-003 | TRX,G5R,TOP LEVEL | WR00031202 | 01/01/2005 | 12/31/2005 | SC00000045 |
| 414132 | 414132 | 0 | NiSource / Columbia Gas of Ohio | TRX-0004-003 | TRX,G5R,TOP LEVEL | WR00031203 | 01/01/2005 | 12/31/2005 | SC00000045 |
| 414137 | 414137 | 0 | NiSource / Columbia Gas of Ohio | TRX-0004-003 | TRX,G5R,TOP LEVEL | WR00031207 | 01/01/2005 | 12/31/2005 | SC00000045 |
| 414149 | 414149 | 0 | NiSource / Columbia Gas of Ohio | TRX-0004-003 | TRX,G5R,TOP LEVEL | WR00031216 | 06/01/2004 | 05/31/2005 | SC00000045 |
| 414157 | 414157 | 0 | NiSource / Columbia Gas of Ohio | TRX-0004-003 | TRX,G5R,TOP LEVEL | WR00031221 | 01/01/2005 | 12/31/2005 | SC00000045 |
| 414168 | 414168 | 0 | NiSource / Columbia Gas of Ohio | TRX-0004-003 | TRX,G5R,TOP LEVEL | WR00031230 | 01/01/2005 | 12/31/2005 | SC00000045 |
| 414979 | 414979 | 0 | NiSource / Columbia Gas of Ohio | TRX-0004-003 | TRX,G5R,TOP LEVEL | WR00033100 | 01/01/2005 | 12/31/2005 | SC00000045 |
| 415004 | 415004 | 0 | NiSource / Columbia Gas of Ohio | TRX-0004-003 | TRX,G5R,TOP LEVEL | WR00033112 | 01/01/2005 | 12/31/2005 | SC00000045 |
| 415010 | 415010 | 0 | NiSource / Columbia Gas of Ohio | TRX-0004-003 | TRX,G5R,TOP LEVEL | WR00033114 | 01/01/2005 | 12/31/2005 | SC00000045 |
| 415011 | 415011 | 0 | NiSource / Columbia Gas of Ohio | TRX-0004-003 | TRX,G5R,TOP LEVEL | WR00033115 | 01/01/2005 | 12/31/2005 | SC00000045 |
| 415015 | 415015 | 0 | NiSource / Columbia Gas of Ohio | TRX-0004-003 | TRX,G5R,TOP LEVEL | WR00033117 | 01/01/2005 | 12/31/2005 | SC00000045 |
| 415018 | 415018 | 0 | NiSource / Columbia Gas of Ohio | TRX-0004-003 | TRX,G5R,TOP LEVEL | WR00033118 | 01/01/2005 | 12/31/2005 | SC00000045 |
| 415020 | 415020 | 0 | NiSource / Columbia Gas of Ohio | TRX-0004-003 | TRX,G5R,TOP LEVEL | WR00033120 | 01/01/2005 | 12/31/2005 | SC00000045 |
| 415021 | 415021 | 0 | NiSource / Columbia Gas of Ohio | TRX-0004-003 | TRX,G5R,TOP LEVEL | WR00033121 | 01/01/2005 | 12/31/2005 | SC00000045 |
| 415022 | 415022 | 0 | NiSource / Columbia Gas of Ohio | TRX-0004-003 | TRX,G5R,TOP LEVEL | WR00033122 | 01/01/2005 | 12/31/2005 | SC00000045 |
| 415024 | 415024 | 0 | NiSource / Columbia Gas of Ohio | TRX-0004-003 | TRX,G5R,TOP LEVEL | WR00033123 | 01/01/2005 | 12/31/2005 | SC00000045 |
| 415027 | 415027 | 0 | NiSource / Columbia Gas of Ohio | TRX-0004-003 | TRX,G5R,TOP LEVEL | WR00033125 | 01/01/2005 | 12/31/2005 | SC00000045 |
| 415029 | 415029 | 0 | NiSource / Columbia Gas of Ohio | TRX-0004-003 | TRX,G5R,TOP LEVEL | WR00033126 | 01/01/2005 | 12/31/2005 | SC00000045 |
| 415034 | 415034 | 0 | NiSource / Columbia Gas of Ohio | TRX-0004-003 | TRX,G5R,TOP LEVEL | WR00033130 | 01/01/2005 | 12/31/2005 | SC00000045 |
| 415036 | 415036 | 0 | NiSource / Columbia Gas of Ohio | TRX-0004-003 | TRX,G5R,TOP LEVEL | WR00033132 | 01/01/2005 | 12/31/2005 | SC00000045 |
| 415038 | 415038 | 0 | NiSource / Columbia Gas of Ohio | TRX-0004-003 | TRX,G5R,TOP LEVEL | WR00033133 | 01/01/2005 | 12/31/2005 | SC00000045 |
| 415039 | 415039 | 0 | NiSource / Columbia Gas of Ohio | TRX-0004-003 | TRX,G5R,TOP LEVEL | WR00033134 | 01/01/2005 | 12/31/2005 | SC00000045 |

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|--------|--------|---|---------------------------------|--------------|-------------------|------------|------------|------------|------------|
| 415041 | 415041 | 0 | NiSource / Columbia Gas of Ohio | TRX-0004-003 | TRX,G5R,TOP LEVEL | WR00033136 | 01/01/2005 | 12/31/2005 | SC00000045 |
| 415042 | 415042 | 0 | NiSource / Columbia Gas of Ohio | TRX-0004-003 | TRX,G5R,TOP LEVEL | WR00033137 | 01/01/2005 | 12/31/2005 | SC00000045 |
| 415043 | 415043 | 0 | NiSource / Columbia Gas of Ohio | TRX-0004-003 | TRX,G5R,TOP LEVEL | WR00033138 | 01/01/2005 | 12/31/2005 | SC00000045 |
| 415044 | 415044 | 0 | NiSource / Columbia Gas of Ohio | TRX-0004-003 | TRX,G5R,TOP LEVEL | WR00033139 | 01/01/2005 | 12/31/2005 | SC00000045 |
| 415048 | 415048 | 0 | NiSource / Columbia Gas of Ohio | TRX-0004-003 | TRX,G5R,TOP LEVEL | WR00033142 | 01/01/2005 | 12/31/2005 | SC00000045 |
| 415049 | 415049 | 0 | NiSource / Columbia Gas of Ohio | TRX-0004-003 | TRX,G5R,TOP LEVEL | WR00033143 | 01/01/2005 | 12/31/2005 | SC00000045 |
| 415052 | 415052 | 0 | NiSource / Columbia Gas of Ohio | TRX-0004-003 | TRX,G5R,TOP LEVEL | WR00033145 | 01/01/2005 | 12/31/2005 | SC00000045 |
| 415057 | 415057 | 0 | NiSource / Columbia Gas of Ohio | TRX-0004-003 | TRX,G5R,TOP LEVEL | WR00033148 | 12/22/2003 | 12/21/2004 | SC00000045 |
| 415059 | 415059 | 0 | NiSource / Columbia Gas of Ohio | TRX-0004-003 | TRX,G5R,TOP LEVEL | WR00033149 | 12/22/2003 | 12/21/2004 | SC00000045 |
| 415264 | 415264 | 0 | NiSource / Columbia Gas of Ohio | TRX-0004-003 | TRX,G5R,TOP LEVEL | WR00033150 | 12/22/2003 | 12/21/2004 | SC00000045 |
| 418411 | 418411 | 0 | NiSource / Columbia Gas of Ohio | TRX-0004-003 | TRX,G5R,TOP LEVEL | WR00033430 | 01/01/2005 | 12/31/2005 | SC00000045 |
| 418415 | 418415 | 0 | NiSource / Columbia Gas of Ohio | TRX-0004-003 | TRX,G5R,TOP LEVEL | WR00033432 | 01/01/2005 | 12/31/2005 | SC00000045 |
| 418433 | 418433 | 0 | NiSource / Columbia Gas of Ohio | TRX-0004-003 | TRX,G5R,TOP LEVEL | WR00033444 | 01/01/2005 | 12/31/2005 | SC00000045 |
| 418435 | 418435 | 0 | NiSource / Columbia Gas of Ohio | TRX-0004-003 | TRX,G5R,TOP LEVEL | WR00033445 | 01/01/2005 | 12/31/2005 | SC00000045 |
| 418449 | 418449 | 0 | NiSource / Columbia Gas of Ohio | TRX-0004-003 | TRX,G5R,TOP LEVEL | WR00032017 | 01/01/2005 | 12/31/2005 | SC00000045 |
| 418451 | 418451 | 0 | NiSource / Columbia Gas of Ohio | TRX-0004-003 | TRX,G5R,TOP LEVEL | WR00032019 | 01/01/2005 | 12/31/2005 | SC00000045 |
| 418555 | 418555 | 0 | NiSource / Columbia Gas of Ohio | TRX-0004-003 | TRX,G5R,TOP LEVEL | WR00032042 | 01/01/2005 | 12/31/2005 | SC00000045 |
| 418556 | 418556 | 0 | NiSource / Columbia Gas of Ohio | TRX-0004-003 | TRX,G5R,TOP LEVEL | WR00032043 | 01/01/2005 | 12/31/2005 | SC00000045 |
| 418557 | 418557 | 0 | NiSource / Columbia Gas of Ohio | TRX-0004-003 | TRX,G5R,TOP LEVEL | WR00032044 | 01/01/2005 | 12/31/2005 | SC00000045 |
| 418558 | 418558 | 0 | NiSource / Columbia Gas of Ohio | TRX-0004-003 | TRX,G5R,TOP LEVEL | WR00032045 | 01/01/2005 | 12/31/2005 | SC00000045 |
| 418559 | 418559 | 0 | NiSource / Columbia Gas of Ohio | TRX-0004-003 | TRX,G5R,TOP LEVEL | WR00032046 | 01/01/2005 | 12/31/2005 | SC00000045 |
| 418560 | 418560 | 0 | NiSource / Columbia Gas of Ohio | TRX-0004-003 | TRX,G5R,TOP LEVEL | WR00032047 | 01/01/2005 | 12/31/2005 | SC00000045 |
| 418561 | 418561 | 0 | NiSource / Columbia Gas of Ohio | TRX-0004-003 | TRX,G5R,TOP LEVEL | WR00032048 | 01/01/2005 | 12/31/2005 | SC00000045 |
| 418822 | 418822 | 0 | NiSource / Columbia Gas of Ohio | TRX-0004-003 | TRX,G5R,TOP LEVEL | WR00032050 | 01/01/2005 | 12/31/2005 | SC00000045 |
| 418823 | 418823 | 0 | NiSource / Columbia Gas of Ohio | TRX-0004-003 | TRX,G5R,TOP LEVEL | WR00032051 | 01/01/2005 | 12/31/2005 | SC00000045 |
| 418826 | 418826 | 0 | NiSource / Columbia Gas of Ohio | TRX-0004-003 | TRX,G5R,TOP LEVEL | WR00032053 | 01/01/2005 | 12/31/2005 | SC00000045 |
| 418828 | 418828 | 0 | NiSource / Columbia Gas of Ohio | TRX-0004-003 | TRX,G5R,TOP LEVEL | WR00032055 | 09/01/2004 | 08/31/2005 | SC00000045 |
| 418829 | 418829 | 0 | NiSource / Columbia Gas of Ohio | TRX-0004-003 | TRX,G5R,TOP LEVEL | WR00032056 | 01/01/2005 | 12/31/2005 | SC00000045 |
| 418832 | 418832 | 0 | NiSource / Columbia Gas of Ohio | TRX-0004-003 | TRX,G5R,TOP LEVEL | WR00032059 | 01/01/2005 | 12/31/2005 | SC00000045 |
| 418833 | 418833 | 0 | NiSource / Columbia Gas of Ohio | TRX-0004-003 | TRX,G5R,TOP LEVEL | WR00032060 | 01/01/2005 | 12/31/2005 | SC00000045 |
| 418835 | 418835 | 0 | NiSource / Columbia Gas of Ohio | TRX-0004-003 | TRX,G5R,TOP LEVEL | WR00032062 | 01/01/2005 | 12/31/2005 | SC00000045 |
| 418838 | 418838 | 0 | NiSource / Columbia Gas of Ohio | TRX-0004-003 | TRX,G5R,TOP LEVEL | WR00032063 | 01/01/2005 | 12/31/2005 | SC00000045 |
| 418839 | 418839 | 0 | NiSource / Columbia Gas of Ohio | TRX-0004-003 | TRX,G5R,TOP LEVEL | WR00032064 | 01/01/2005 | 12/31/2005 | SC00000045 |
| 418840 | 418840 | 0 | NiSource / Columbia Gas of Ohio | TRX-0004-003 | TRX,G5R,TOP LEVEL | WR00032065 | 01/01/2005 | 12/31/2005 | SC00000045 |

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|--------|--------|---|---------------------------------|--------------|-------------------|------------|------------|------------|------------|
| 418908 | 418908 | 0 | NiSource / Columbia Gas of Ohio | TRX-0004-003 | TRX,G5R,TOP LEVEL | WR00032125 | 01/01/2005 | 12/31/2005 | SC00000045 |
| 418913 | 418913 | 0 | NiSource / Columbia Gas of Ohio | TRX-0004-003 | TRX,G5R,TOP LEVEL | WR00032129 | 01/01/2005 | 12/31/2005 | SC00000045 |
| 418918 | 418918 | 0 | NiSource / Columbia Gas of Ohio | TRX-0004-003 | TRX,G5R,TOP LEVEL | WR00032133 | 09/01/2004 | 08/31/2005 | SC00000045 |
| 418919 | 418919 | 0 | NiSource / Columbia Gas of Ohio | TRX-0004-003 | TRX,G5R,TOP LEVEL | WR00032134 | 01/01/2005 | 12/31/2005 | SC00000045 |
| 418920 | 418920 | 0 | NiSource / Columbia Gas of Ohio | TRX-0004-003 | TRX,G5R,TOP LEVEL | WR00032135 | 01/01/2005 | 12/31/2005 | SC00000045 |
| 418922 | 418922 | 0 | NiSource / Columbia Gas of Ohio | TRX-0004-003 | TRX,G5R,TOP LEVEL | WR00032137 | 06/01/2004 | 05/31/2005 | SC00000045 |
| 418923 | 418923 | 0 | NiSource / Columbia Gas of Ohio | TRX-0004-003 | TRX,G5R,TOP LEVEL | WR00032138 | 01/01/2005 | 12/31/2005 | SC00000045 |
| 418924 | 418924 | 0 | NiSource / Columbia Gas of Ohio | TRX-0004-003 | TRX,G5R,TOP LEVEL | WR00032139 | 06/01/2004 | 05/31/2005 | SC00000045 |
| 418925 | 418925 | 0 | NiSource / Columbia Gas of Ohio | TRX-0004-003 | TRX,G5R,TOP LEVEL | WR00032140 | 01/01/2005 | 12/31/2005 | SC00000045 |
| 418930 | 418930 | 0 | NiSource / Columbia Gas of Ohio | TRX-0004-003 | TRX,G5R,TOP LEVEL | WR00032145 | 01/01/2005 | 12/31/2005 | SC00000045 |
| 418931 | 418931 | 0 | NiSource / Columbia Gas of Ohio | TRX-0004-003 | TRX,G5R,TOP LEVEL | WR00032146 | 06/01/2004 | 05/31/2005 | SC00000045 |
| 418941 | 418941 | 0 | NiSource / Columbia Gas of Ohio | TRX-0004-003 | TRX,G5R,TOP LEVEL | WR00032154 | 01/01/2005 | 12/31/2005 | SC00000045 |
| 418942 | 418942 | 0 | NiSource / Columbia Gas of Ohio | TRX-0004-003 | TRX,G5R,TOP LEVEL | WR00032155 | 01/01/2005 | 12/31/2005 | SC00000045 |
| 418964 | 418964 | 0 | NiSource / Columbia Gas of Ohio | TRX-0004-003 | TRX,G5R,TOP LEVEL | WR00032175 | 06/01/2004 | 05/31/2005 | SC00000045 |
| 418968 | 418968 | 0 | NiSource / Columbia Gas of Ohio | TRX-0004-003 | TRX,G5R,TOP LEVEL | WR00032179 | 06/01/2004 | 05/31/2005 | SC00000045 |
| 418972 | 418972 | 0 | NiSource / Columbia Gas of Ohio | TRX-0004-003 | TRX,G5R,TOP LEVEL | WR00032182 | 06/01/2004 | 05/31/2005 | SC00000045 |
| 418974 | 418974 | 0 | NiSource / Columbia Gas of Ohio | TRX-0004-003 | TRX,G5R,TOP LEVEL | WR00032184 | 06/01/2004 | 05/31/2005 | SC00000045 |
| 418986 | 418986 | 0 | NiSource / Columbia Gas of Ohio | TRX-0004-003 | TRX,G5R,TOP LEVEL | WR00032194 | 06/01/2004 | 05/31/2005 | SC00000045 |
| 418998 | 418998 | 0 | NiSource / Columbia Gas of Ohio | TRX-0004-003 | TRX,G5R,TOP LEVEL | WR00033015 | 01/01/2005 | 12/31/2005 | SC00000045 |
| 419014 | 419014 | 0 | NiSource / Columbia Gas of Ohio | TRX-0004-003 | TRX,G5R,TOP LEVEL | WR00033028 | 01/01/2005 | 12/31/2005 | SC00000045 |
| 419015 | 419015 | 0 | NiSource / Columbia Gas of Ohio | TRX-0004-003 | TRX,G5R,TOP LEVEL | WR00033029 | 01/01/2005 | 12/31/2005 | SC00000045 |
| 419016 | 419016 | 0 | NiSource / Columbia Gas of Ohio | TRX-0004-003 | TRX,G5R,TOP LEVEL | WR00033030 | 01/01/2005 | 12/31/2005 | SC00000045 |
| 419040 | 419040 | 0 | NiSource / Columbia Gas of Ohio | TRX-0004-003 | TRX,G5R,TOP LEVEL | WR00033053 | 01/01/2005 | 12/31/2005 | SC00000045 |
| 419043 | 419043 | 0 | NiSource / Columbia Gas of Ohio | TRX-0004-003 | TRX,G5R,TOP LEVEL | WR00033056 | 01/01/2005 | 12/31/2005 | SC00000045 |
| 419047 | 419047 | 0 | NiSource / Columbia Gas of Ohio | TRX-0004-003 | TRX,G5R,TOP LEVEL | WR00033060 | 01/01/2005 | 12/31/2005 | SC00000045 |
| 419054 | 419054 | 0 | NiSource / Columbia Gas of Ohio | TRX-0004-003 | TRX,G5R,TOP LEVEL | WR00033066 | 01/01/2005 | 12/31/2005 | SC00000045 |
| 419075 | 419075 | 0 | NiSource / Columbia Gas of Ohio | TRX-0004-003 | TRX,G5R,TOP LEVEL | WR00033085 | 01/01/2005 | 12/31/2005 | SC00000045 |
| 419115 | 419115 | 0 | NiSource / Columbia Gas of Ohio | TRX-0004-003 | TRX,G5R,TOP LEVEL | WR00032219 | 01/01/2005 | 12/31/2005 | SC00000045 |
| 419348 | 419348 | 0 | NiSource / Columbia Gas of Ohio | TRX-0004-003 | TRX,G5R,TOP LEVEL | WR00032230 | 01/01/2005 | 12/31/2005 | SC00000045 |
| 419354 | 419354 | 0 | NiSource / Columbia Gas of Ohio | TRX-0004-003 | TRX,G5R,TOP LEVEL | WR00032233 | 01/01/2005 | 12/31/2005 | SC00000045 |
| 419356 | 419356 | 0 | NiSource / Columbia Gas of Ohio | TRX-0004-003 | TRX,G5R,TOP LEVEL | WR00032234 | 01/01/2005 | 12/31/2005 | SC00000045 |
| 419362 | 419362 | 0 | NiSource / Columbia Gas of Ohio | TRX-0004-003 | TRX,G5R,TOP LEVEL | WR00032237 | 01/01/2005 | 12/31/2005 | SC00000045 |
| 419370 | 419370 | 0 | NiSource / Columbia Gas of Ohio | TRX-0004-003 | TRX,G5R,TOP LEVEL | WR00032244 | 01/01/2005 | 12/31/2005 | SC00000045 |
| 419372 | 419372 | 0 | NiSource / Columbia Gas of Ohio | TRX-0004-003 | TRX,G5R,TOP LEVEL | WR00032246 | 01/01/2005 | 12/31/2005 | SC00000045 |

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|--------|--------|---|---------------------------------|--------------|-------------------|------------|------------|------------|------------|
| 419379 | 419379 | 0 | NiSource / Columbia Gas of Ohio | TRX-0004-003 | TRX,G5R,TOP LEVEL | WR00032251 | 01/01/2005 | 12/31/2005 | SC00000045 |
| 419384 | 419384 | 0 | NiSource / Columbia Gas of Ohio | TRX-0004-003 | TRX,G5R,TOP LEVEL | WR00032254 | 01/01/2005 | 12/31/2005 | SC00000045 |
| 419439 | 419439 | 0 | NiSource / Columbia Gas of Ohio | TRX-0004-003 | TRX,G5R,TOP LEVEL | WR00032296 | 01/01/2005 | 12/31/2005 | SC00000045 |
| 419472 | 419472 | 0 | NiSource / Columbia Gas of Ohio | TRX-0004-003 | TRX,G5R,TOP LEVEL | WR00032327 | 01/01/2005 | 12/31/2005 | SC00000045 |
| 419490 | 419490 | 0 | NiSource / Columbia Gas of Ohio | TRX-0004-003 | TRX,G5R,TOP LEVEL | WR00032343 | 01/01/2005 | 12/31/2005 | SC00000045 |
| 419544 | 419544 | 0 | NiSource / Columbia Gas of Ohio | TRX-0004-003 | TRX,G5R,TOP LEVEL | WR00032386 | 01/01/2005 | 12/31/2005 | SC00000045 |
| 419583 | 419583 | 0 | NiSource / Columbia Gas of Ohio | TRX-0004-003 | TRX,G5R,TOP LEVEL | WR00032409 | 01/01/2005 | 12/31/2005 | SC00000045 |

Columbia Gas of Ohio

| Serial Number | Description | Start Date | End Date | Qty | Total Amount | |
|-----------------|---------------------------|------------|-----------|-----|--------------|------------|
| DZGEG6143ZZ3935 | FC200 RAPTOR RADIO | 1-Jan-09 | 31-Dec-09 | 1 | | SC00000045 |
| DZGEG6143ZZ3939 | FC200 RAPTOR RADIO | 1-Jan-09 | 31-Dec-09 | 1 | | SC00000045 |
| DZGEG6143ZZ3946 | FC200 RAPTOR RADIO | 1-Jan-09 | 31-Dec-09 | 1 | | SC00000045 |
| DZGEG6164ZZ6090 | FC200 RAPTOR RADIO | 1-Jan-09 | 31-Dec-09 | 1 | | SC00000045 |
| DZGEG6164ZZ6096 | FC200 RAPTOR RADIO | 1-Jan-09 | 31-Dec-09 | 1 | | SC00000045 |
| DZGEG8002ZZ2374 | FC200 SUPER RAPTOR RADIO | 1-Sep-09 | 31-Dec-09 | 1 | | SC00000045 |
| DZGEG8003ZZ2493 | FC200 SEPER RAPTOR RADIO | 1-Sep-09 | 31-Dec-09 | 1 | | SC00000045 |
| DZGEG8003ZZ2513 | FC200 SEPER RAPTOR RADIO | 1-Sep-09 | 31-Dec-09 | 1 | | SC00000045 |
| ZZMOR8086ZH0010 | FC2/R DESK DOCK, ETHERNET | 1-Sep-09 | 31-Dec-09 | 1 | | SC00000045 |
| ZZMOR8086ZH0016 | FC2/R DESK DOCK, ETHERNET | 1-Sep-09 | 31-Dec-09 | 1 | | SC00000045 |
| ZZMOR8086ZH0009 | FC2/R DESK DOCK, ETHERNET | 1-Sep-09 | 31-Dec-09 | 1 | | SC00000045 |
| PS96977 | FC2/R ETHERNET MULTIDOCK | 1-Jan-09 | 31-Dec-09 | 1 | | SC00000045 |
| 415018 | G5 RADIO HANDHELD | 1-Jan-09 | 31-Dec-09 | 1 | | SC00000045 |
| 415020 | G5 RADIO HANDHELD | 1-Jan-09 | 31-Dec-09 | 1 | | SC00000045 |
| 415021 | G5 RADIO HANDHELD | 1-Jan-09 | 31-Dec-09 | 1 | | SC00000045 |
| 415022 | G5 RADIO HANDHELD | 1-Jan-09 | 31-Dec-09 | 1 | | SC00000045 |
| 415024 | G5 RADIO HANDHELD | 1-Jan-09 | 31-Dec-09 | 1 | | SC00000045 |
| 415027 | G5 RADIO HANDHELD | 1-Jan-09 | 31-Dec-09 | 1 | | SC00000045 |
| 415029 | G5 RADIO HANDHELD | 1-Jan-09 | 31-Dec-09 | 1 | | SC00000045 |
| 415034 | G5 RADIO HANDHELD | 1-Jan-09 | 31-Dec-09 | 1 | | SC00000045 |
| 415036 | G5 RADIO HANDHELD | 1-Jan-09 | 31-Dec-09 | 1 | | SC00000045 |
| 415038 | G5 RADIO HANDHELD | 1-Jan-09 | 31-Dec-09 | 1 | | SC00000045 |
| 415039 | G5 RADIO HANDHELD | 1-Jan-09 | 31-Dec-09 | 1 | | SC00000045 |
| 415041 | G5 RADIO HANDHELD | 1-Jan-09 | 31-Dec-09 | 1 | | SC00000045 |
| 415042 | G5 RADIO HANDHELD | 1-Jan-09 | 31-Dec-09 | 1 | | SC00000045 |
| 415043 | G5 RADIO HANDHELD | 1-Jan-09 | 31-Dec-09 | 1 | | SC00000045 |
| 415044 | G5 RADIO HANDHELD | 1-Jan-09 | 31-Dec-09 | 1 | | SC00000045 |
| 415048 | G5 RADIO HANDHELD | 1-Jan-09 | 31-Dec-09 | 1 | | SC00000045 |
| 415049 | G5 RADIO HANDHELD | 1-Jan-09 | 31-Dec-09 | 1 | | SC00000045 |
| 415052 | G5 RADIO HANDHELD | 1-Jan-09 | 31-Dec-09 | 1 | | SC00000045 |
| 415057 | G5 RADIO HANDHELD | 1-Jan-09 | 31-Dec-09 | 1 | | SC00000045 |
| 415059 | G5 RADIO HANDHELD | 1-Jan-09 | 31-Dec-09 | 1 | | SC00000045 |
| 415264 | G5 RADIO HANDHELD | 1-Jan-09 | 31-Dec-09 | 1 | | SC00000045 |
| 418411 | G5 RADIO HANDHELD | 1-Jan-09 | 31-Dec-09 | 1 | | SC00000045 |
| 418415 | G5 RADIO HANDHELD | 1-Jan-09 | 31-Dec-09 | 1 | | SC00000045 |
| 418433 | G5 RADIO HANDHELD | 1-Jan-09 | 31-Dec-09 | 1 | | SC00000045 |

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|----------|--------------------|----------|-----------|---|--|------------|
| 419372 | G5 RADIO HANDHELD | 1-Jan-09 | 31-Dec-09 | 1 | | SC00000045 |
| 419379 | G5 RADIO HANDHELD | 1-Jan-09 | 31-Dec-09 | 1 | | SC00000045 |
| 419384 | G5 RADIO HANDHELD | 1-Jan-09 | 31-Dec-09 | 1 | | SC00000045 |
| 419439 | G5 RADIO HANDHELD | 1-Jan-09 | 31-Dec-09 | 1 | | SC00000045 |
| 419472 | G5 RADIO HANDHELD | 1-Jan-09 | 31-Dec-09 | 1 | | SC00000045 |
| 419490 | G5 RADIO HANDHELD | 1-Jan-09 | 31-Dec-09 | 1 | | SC00000045 |
| 419583 | G5 RADIO HANDHELD | 1-Jan-09 | 31-Dec-09 | 1 | | SC00000045 |
| 419043 | G5 RADIO HANDHELD | 1-Jan-09 | 31-Dec-09 | 1 | | SC00000045 |
| 419040 | G5 RADIO HANDHELD | 1-Jan-09 | 31-Dec-09 | 1 | | SC00000045 |
| 419016 | G5 RADIO HANDHELD | 1-Jan-09 | 31-Dec-09 | 1 | | SC00000045 |
| 419015 | G5 RADIO HANDHELD | 1-Jan-09 | 31-Dec-09 | 1 | | SC00000045 |
| 419014 | G5 RADIO HANDHELD | 1-Jan-09 | 31-Dec-09 | 1 | | SC00000045 |
| 419115 | G5 RADIO HANDHELD | 1-Jan-09 | 31-Dec-09 | 1 | | SC00000045 |
| 419544 | G5 RADIO HANDHELD | 1-Jan-09 | 31-Dec-09 | 1 | | SC00000045 |
| 419047 | G5 RADIO HANDHELD | 1-Jan-09 | 31-Dec-09 | 1 | | SC00000045 |
| 419075 | G5 RADIO HANDHELD | 1-Jan-09 | 31-Dec-09 | 1 | | SC00000045 |
| 419054 | G5 RADIO HANDHELD | 1-Jan-09 | 31-Dec-09 | 1 | | SC00000045 |
| 412097 | G5 RADIO HANDHELD | 1-Jan-09 | 31-Dec-09 | 1 | | SC00000045 |
| 412954 | G5 RADIO HANDHELD | 1-Jan-09 | 31-Dec-09 | 1 | | SC00000045 |
| 414091 | G5 RADIO HANDHELD | 1-Jan-09 | 31-Dec-09 | 1 | | SC00000045 |
| 414100 | G5 RADIO HANDHELD | 1-Jan-09 | 31-Dec-09 | 1 | | SC00000045 |
| 414114 | G5 RADIO HANDHELD | 1-Jan-09 | 31-Dec-09 | 1 | | SC00000045 |
| 414118 | G5 RADIO HANDHELD | 1-Jan-09 | 31-Dec-09 | 1 | | SC00000045 |
| 414120 | G5 RADIO HANDHELD | 1-Jan-09 | 31-Dec-09 | 1 | | SC00000045 |
| 414121 | G5 RADIO HANDHELD | 1-Jan-09 | 31-Dec-09 | 1 | | SC00000045 |
| 414122 | G5 RADIO HANDHELD | 1-Jan-09 | 31-Dec-09 | 1 | | SC00000045 |
| 414126 | G5 RADIO HANDHELD | 1-Jan-09 | 31-Dec-09 | 1 | | SC00000045 |
| 414130 | G5 RADIO HANDHELD | 1-Jan-09 | 31-Dec-09 | 1 | | SC00000045 |
| 414131 | G5 RADIO HANDHELD | 1-Jan-09 | 31-Dec-09 | 1 | | SC00000045 |
| 414132 | G5 RADIO HANDHELD | 1-Jan-09 | 31-Dec-09 | 1 | | SC00000045 |
| 414137 | G5 RADIO HANDHELD | 1-Jan-09 | 31-Dec-09 | 1 | | SC00000045 |
| 414149 | G5 RADIO HANDHELD | 1-Jan-09 | 31-Dec-09 | 1 | | SC00000045 |
| 414157 | G5 RADIO HANDHELD | 1-Jan-09 | 31-Dec-09 | 1 | | SC00000045 |
| 414168 | G5 RADIO HANDHELD | 1-Jan-09 | 31-Dec-09 | 1 | | SC00000045 |
| 414979 | G5 RADIO HANDHELD | 1-Jan-09 | 31-Dec-09 | 1 | | SC00000045 |
| 415004 | G5 RADIO HANDHELD | 1-Jan-09 | 31-Dec-09 | 1 | | SC00000045 |
| 415010 | G5 RADIO HANDHELD | 1-Jan-09 | 31-Dec-09 | 1 | | SC00000045 |
| 415011 | G5 RADIO HANDHELD | 1-Jan-09 | 31-Dec-09 | 1 | | SC00000045 |
| 415015 | G5 RADIO HANDHELD | 1-Jan-09 | 31-Dec-09 | 1 | | SC00000045 |
| 72501855 | MOBILE COLLECTOR 2 | 1-Jan-09 | 31-Dec-09 | 1 | | SC00000045 |

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|--------|--------|----------|-----------|---|--|------------|
| 417671 | G5 POD | 1-Jan-09 | 31-Dec-09 | 1 | | SC00000045 |
| 417677 | G5 POD | 1-Jan-09 | 31-Dec-09 | 1 | | SC00000045 |
| 417681 | G5 POD | 1-Jan-09 | 31-Dec-09 | 1 | | SC00000045 |
| 417682 | G5 POD | 1-Jan-09 | 31-Dec-09 | 1 | | SC00000045 |
| 417684 | G5 POD | 1-Jan-09 | 31-Dec-09 | 1 | | SC00000045 |
| 417686 | G5 POD | 1-Jan-09 | 31-Dec-09 | 1 | | SC00000045 |
| 417687 | G5 POD | 1-Jan-09 | 31-Dec-09 | 1 | | SC00000045 |
| 417688 | G5 POD | 1-Jan-09 | 31-Dec-09 | 1 | | SC00000045 |
| 417695 | G5 POD | 1-Jan-09 | 31-Dec-09 | 1 | | SC00000045 |
| 417696 | G5 POD | 1-Jan-09 | 31-Dec-09 | 1 | | SC00000045 |
| 417698 | G5 POD | 1-Jan-09 | 31-Dec-09 | 1 | | SC00000045 |
| 417889 | G5 POD | 1-Jan-09 | 31-Dec-09 | 1 | | SC00000045 |
| 417898 | G5 POD | 1-Jan-09 | 31-Dec-09 | 1 | | SC00000045 |
| 417913 | G5 POD | 1-Jan-09 | 31-Dec-09 | 1 | | SC00000045 |
| 417925 | G5 POD | 1-Jan-09 | 31-Dec-09 | 1 | | SC00000045 |
| 417927 | G5 POD | 1-Jan-09 | 31-Dec-09 | 1 | | SC00000045 |
| 417928 | G5 POD | 1-Jan-09 | 31-Dec-09 | 1 | | SC00000045 |
| 417929 | G5 POD | 1-Jan-09 | 31-Dec-09 | 1 | | SC00000045 |
| 417954 | G5 POD | 1-Jan-09 | 31-Dec-09 | 1 | | SC00000045 |
| 417955 | G5 POD | 1-Jan-09 | 31-Dec-09 | 1 | | SC00000045 |
| 417956 | G5 POD | 1-Jan-09 | 31-Dec-09 | 1 | | SC00000045 |
| 417957 | G5 POD | 1-Jan-09 | 31-Dec-09 | 1 | | SC00000045 |
| 417958 | G5 POD | 1-Jan-09 | 31-Dec-09 | 1 | | SC00000045 |
| 417959 | G5 POD | 1-Jan-09 | 31-Dec-09 | 1 | | SC00000045 |
| 417960 | G5 POD | 1-Jan-09 | 31-Dec-09 | 1 | | SC00000045 |
| 417961 | G5 POD | 1-Jan-09 | 31-Dec-09 | 1 | | SC00000045 |
| 417962 | G5 POD | 1-Jan-09 | 31-Dec-09 | 1 | | SC00000045 |
| 417963 | G5 POD | 1-Jan-09 | 31-Dec-09 | 1 | | SC00000045 |
| 417964 | G5 POD | 1-Jan-09 | 31-Dec-09 | 1 | | SC00000045 |
| 417965 | G5 POD | 1-Jan-09 | 31-Dec-09 | 1 | | SC00000045 |
| 417966 | G5 POD | 1-Jan-09 | 31-Dec-09 | 1 | | SC00000045 |
| 417967 | G5 POD | 1-Jan-09 | 31-Dec-09 | 1 | | SC00000045 |
| 417968 | G5 POD | 1-Jan-09 | 31-Dec-09 | 1 | | SC00000045 |
| 417969 | G5 POD | 1-Jan-09 | 31-Dec-09 | 1 | | SC00000045 |
| 417970 | G5 POD | 1-Jan-09 | 31-Dec-09 | 1 | | SC00000045 |
| 417971 | G5 POD | 1-Jan-09 | 31-Dec-09 | 1 | | SC00000045 |
| 417972 | G5 POD | 1-Jan-09 | 31-Dec-09 | 1 | | SC00000045 |
| 417973 | G5 POD | 1-Jan-09 | 31-Dec-09 | 1 | | SC00000045 |
| 418021 | G5 POD | 1-Jan-09 | 31-Dec-09 | 1 | | SC00000045 |
| 418023 | G5 POD | 1-Jan-09 | 31-Dec-09 | 1 | | SC00000045 |

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|--------|--------|----------|-----------|---|--|------------|
| 418024 | GS POD | 1-Jan-09 | 31-Dec-09 | 1 | | SC00000045 |
| 418025 | GS POD | 1-Jan-09 | 31-Dec-09 | 1 | | SC00000045 |
| 418026 | GS POD | 1-Jan-09 | 31-Dec-09 | 1 | | SC00000045 |
| 418027 | GS POD | 1-Jan-09 | 31-Dec-09 | 1 | | SC00000045 |
| 418028 | GS POD | 1-Jan-09 | 31-Dec-09 | 1 | | SC00000045 |
| 418029 | GS POD | 1-Jan-09 | 31-Dec-09 | 1 | | SC00000045 |
| 418030 | GS POD | 1-Jan-09 | 31-Dec-09 | 1 | | SC00000045 |
| 418031 | GS POD | 1-Jan-09 | 31-Dec-09 | 1 | | SC00000045 |
| 418032 | GS POD | 1-Jan-09 | 31-Dec-09 | 1 | | SC00000045 |
| 418033 | GS POD | 1-Jan-09 | 31-Dec-09 | 1 | | SC00000045 |
| 418034 | GS POD | 1-Jan-09 | 31-Dec-09 | 1 | | SC00000045 |
| 418035 | GS POD | 1-Jan-09 | 31-Dec-09 | 1 | | SC00000045 |
| 418036 | GS POD | 1-Jan-09 | 31-Dec-09 | 1 | | SC00000045 |
| 418037 | GS POD | 1-Jan-09 | 31-Dec-09 | 1 | | SC00000045 |
| 418038 | GS POD | 1-Jan-09 | 31-Dec-09 | 1 | | SC00000045 |
| 418039 | GS POD | 1-Jan-09 | 31-Dec-09 | 1 | | SC00000045 |
| 418040 | GS POD | 1-Jan-09 | 31-Dec-09 | 1 | | SC00000045 |
| 418041 | GS POD | 1-Jan-09 | 31-Dec-09 | 1 | | SC00000045 |
| 418042 | GS POD | 1-Jan-09 | 31-Dec-09 | 1 | | SC00000045 |
| 418043 | GS POD | 1-Jan-09 | 31-Dec-09 | 1 | | SC00000045 |
| 418044 | GS POD | 1-Jan-09 | 31-Dec-09 | 1 | | SC00000045 |
| 418045 | GS POD | 1-Jan-09 | 31-Dec-09 | 1 | | SC00000045 |
| 418150 | GS POD | 1-Jan-09 | 31-Dec-09 | 1 | | SC00000045 |
| 418156 | GS POD | 1-Jan-09 | 31-Dec-09 | 1 | | SC00000045 |
| 418172 | GS POD | 1-Jan-09 | 31-Dec-09 | 1 | | SC00000045 |
| 418173 | GS POD | 1-Jan-09 | 31-Dec-09 | 1 | | SC00000045 |
| 420172 | GS POD | 1-Jan-09 | 31-Dec-09 | 1 | | SC00000045 |
| 420173 | GS POD | 1-Jan-09 | 31-Dec-09 | 1 | | SC00000045 |
| 420174 | GS POD | 1-Jan-09 | 31-Dec-09 | 1 | | SC00000045 |
| 420373 | GS POD | 1-Jan-09 | 31-Dec-09 | 1 | | SC00000045 |
| 420374 | GS POD | 1-Jan-09 | 31-Dec-09 | 1 | | SC00000045 |
| 420375 | GS PDD | 1-Jan-09 | 31-Dec-09 | 1 | | SC00000045 |
| 420376 | GS POD | 1-Jan-09 | 31-Dec-09 | 1 | | SC00000045 |
| 420377 | GS POD | 1-Jan-09 | 31-Dec-09 | 1 | | SC00000045 |
| 420379 | GS POD | 1-Jan-09 | 31-Dec-09 | 1 | | SC00000045 |
| 420380 | GS POD | 1-Jan-09 | 31-Dec-09 | 1 | | SC00000045 |
| 420381 | GS POD | 1-Jan-09 | 31-Dec-09 | 1 | | SC00000045 |
| 420382 | GS POD | 1-Jan-09 | 31-Dec-09 | 1 | | SC00000045 |
| 420383 | GS POD | 1-Jan-09 | 31-Dec-09 | 1 | | SC00000045 |
| 420384 | GS POD | 1-Jan-09 | 31-Dec-09 | 1 | | SC00000045 |

| | | | | | | |
|--------|------------------------------|----------|-----------|---|--|------------|
| 420385 | G5 POD | 1-Jan-09 | 31-Dec-09 | 1 | | SC00000045 |
| 420386 | G5 POD | 1-Jan-09 | 31-Dec-09 | 1 | | SC00000045 |
| 420387 | G5 POD | 1-Jan-09 | 31-Dec-09 | 1 | | SC00000045 |
| 420388 | G5 POD | 1-Jan-09 | 31-Dec-09 | 1 | | SC00000045 |
| 420389 | G5 POD | 1-Jan-09 | 31-Dec-09 | 1 | | SC00000045 |
| 420390 | G5 POD | 1-Jan-09 | 31-Dec-09 | 1 | | SC00000045 |
| 420391 | G5 POD | 1-Jan-09 | 31-Dec-09 | 1 | | SC00000045 |
| 420392 | G5 POD | 1-Jan-09 | 31-Dec-09 | 1 | | SC00000045 |
| 420393 | G5 POD | 1-Jan-09 | 31-Dec-09 | 1 | | SC00000045 |
| 420394 | G5 POD | 1-Jan-09 | 31-Dec-09 | 1 | | SC00000045 |
| 420395 | G5 POD | 1-Jan-09 | 31-Dec-09 | 1 | | SC00000045 |
| 420396 | G5 POD | 1-Jan-09 | 31-Dec-09 | 1 | | SC00000045 |
| 420397 | G5 POD | 1-Jan-09 | 31-Dec-09 | 1 | | SC00000045 |
| 420398 | G5 POD | 1-Jan-09 | 31-Dec-09 | 1 | | SC00000045 |
| | INTEGRATOR SOFTWARE | 1-Jan-09 | 31-Dec-09 | 1 | | SC00000045 |
| | SFTW ENHANCEMENT MAINTENANCE | 1-Jan-09 | 31-Dec-09 | 1 | | SC00000045 |

| Order # | Location Name | Item Number | Item Description | Quantity | Serial Number | Warehouse/Room | Acquired Date | Expiration Date |
|---------|---------------------------------------|--------------|------------------|----------|---------------|----------------|---------------|-----------------|
| 124935 | NiSource/Columbia Gas of Pennsylvania | BCS-0003-002 | BCS,G5 POD | 313802 | 459394 | WR00066060 | 11/13/2007 | 01/31/2009 |
| 124935 | NiSource/Columbia Gas of Pennsylvania | BCS-0003-002 | BCS,G5 POD | 313803 | 459395 | WR00066060 | 11/13/2007 | 01/31/2009 |
| 124935 | NiSource/Columbia Gas of Pennsylvania | BCS-0003-002 | BCS,G5 POD | 313804 | 459396 | WR00066060 | 11/13/2007 | 01/31/2009 |
| 124935 | NiSource/Columbia Gas of Pennsylvania | BCS-0003-002 | BCS,G5 POD | 313805 | 459402 | WR00066060 | 11/13/2007 | 01/31/2009 |
| 124935 | NiSource/Columbia Gas of Pennsylvania | DCS-0003-002 | BCS,G5 POD | 313806 | 459403 | WR00066060 | 11/13/2007 | 01/31/2009 |
| 124935 | NiSource/Columbia Gas of Pennsylvania | BCS-0003-002 | DCS,G5 POD | 313807 | 459405 | WR00066060 | 11/13/2007 | 01/31/2009 |
| 124935 | NiSource/Columbia Gas of Pennsylvania | DCS-0003-002 | BCS,G5 POD | 313808 | 459406 | WR00066060 | 11/13/2007 | 01/31/2009 |
| 124935 | NiSource/Columbia Gas of Pennsylvania | DCS-0003-002 | BCS,G5 POD | 313809 | 459407 | WR00066060 | 11/13/2007 | 01/31/2009 |
| 124935 | NiSource/Columbia Gas of Pennsylvania | BCS-0003-002 | BCS,G5 POD | 313810 | 459408 | WR00066060 | 11/13/2007 | 01/31/2009 |
| 124935 | NiSource/Columbia Gas of Pennsylvania | BCS-0003-002 | BCS,G5 POD | 313811 | 459411 | WR00066060 | 11/13/2007 | 01/31/2009 |
| 124935 | NiSource/Columbia Gas of Pennsylvania | BCS-0003-002 | BCS,G5 POD | 313812 | 459413 | WR00066060 | 11/13/2007 | 01/31/2009 |
| 124935 | NiSource/Columbia Gas of Pennsylvania | BCS-0003-002 | BCS,G5 POD | 313813 | 459414 | WR00066060 | 11/13/2007 | 01/31/2009 |
| 124935 | NiSource/Columbia Gas of Pennsylvania | BCS-0003-002 | BCS,G5 POD | 313814 | 459415 | WR00066060 | 11/13/2007 | 01/31/2009 |
| 124935 | NiSource/Columbia Gas of Pennsylvania | BCS-0003-002 | BCS,G5 POD | 313815 | 459420 | WR00066060 | 11/13/2007 | 01/31/2009 |
| 124935 | NiSource/Columbia Gas of Pennsylvania | BCS-0003-002 | BCS,G5 POD | 313816 | 459421 | WR00066060 | 11/13/2007 | 01/31/2009 |
| 124935 | NiSource/Columbia Gas of Pennsylvania | DCS-0003-002 | BCS,G5 POD | 313817 | 459422 | WR00066060 | 11/13/2007 | 01/31/2009 |
| 124935 | NiSource/Columbia Gas of Pennsylvania | BCS-0003-002 | BCS,G5 POD | 313818 | 459429 | WR00066060 | 11/13/2007 | 01/31/2009 |
| 124935 | NiSource/Columbia Gas of Pennsylvania | BCS-0003-002 | BCS,G5 POD | 313819 | 459430 | WR00066060 | 11/13/2007 | 01/31/2009 |
| 124935 | NiSource/Columbia Gas of Pennsylvania | DCS-0003-002 | BCS,G5 POD | 313820 | 459431 | WR00066060 | 11/13/2007 | 01/31/2009 |
| 124935 | NiSource/Columbia Gas of Pennsylvania | BCS-0003-002 | BCS,G5 POD | 313821 | 459434 | WR00066060 | 11/13/2007 | 01/31/2009 |
| 124935 | NiSource/Columbia Gas of Pennsylvania | BCS-0003-002 | BCS,G5 POD | 313822 | 459435 | WR00066060 | 11/13/2007 | 01/31/2009 |
| 124935 | NiSource/Columbia Gas of Pennsylvania | BCS-0003-002 | BCS,G5 POD | 313823 | 459436 | WR00066060 | 11/13/2007 | 01/31/2009 |
| 124935 | NiSource/Columbia Gas of Pennsylvania | BCS-0003-002 | BCS,G5 POD | 313824 | 459439 | WR00066060 | 11/13/2007 | 01/31/2009 |
| 124935 | NiSource/Columbia Gas of Pennsylvania | BCS-0003-002 | BCS,G5 POD | 313825 | 459440 | WR00066060 | 11/13/2007 | 01/31/2009 |
| 124935 | NiSource/Columbia Gas of Pennsylvania | BCS-0003-002 | BCS,G5 POD | 313826 | 459447 | WR00066060 | 11/13/2007 | 01/31/2009 |
| 124935 | NiSource/Columbia Gas of Pennsylvania | BCS-0003-002 | BCS,G5 POD | 313827 | 459448 | WR00066060 | 11/13/2007 | 01/31/2009 |
| 124935 | NiSource/Columbia Gas of Pennsylvania | BCS-0003-002 | BCS,G5 POD | 313828 | 459449 | WR00066060 | 11/13/2007 | 01/31/2009 |
| 124935 | NiSource/Columbia Gas of Pennsylvania | BCS-0003-002 | BCS,G5 POD | 313829 | 459450 | WR00066060 | 11/13/2007 | 01/31/2009 |
| 124935 | NiSource/Columbia Gas of Pennsylvania | BCS-0003-002 | BCS,G5 POD | 313830 | 459451 | WR00066060 | 11/13/2007 | 01/31/2009 |
| 124935 | NiSource/Columbia Gas of Pennsylvania | BCS-0003-002 | BCS,G5 POD | 313831 | 459452 | WR00066060 | 11/13/2007 | 01/31/2009 |
| 124935 | NiSource/Columbia Gas of Pennsylvania | BCS-0003-002 | BCS,G5 POD | 313832 | 459453 | WR00066060 | 11/13/2007 | 01/31/2009 |
| 124935 | NiSource/Columbia Gas of Pennsylvania | BCS-0003-002 | BCS,G5 POD | 313833 | 459454 | WR00066060 | 11/13/2007 | 01/31/2009 |
| 124935 | NiSource/Columbia Gas of Pennsylvania | BCS-0003-002 | BCS,G5 POD | 313834 | 459464 | WR00066060 | 11/13/2007 | 01/31/2009 |

| Order # | Customer Name | Item Number | Item Description | Serial Number | Contract Number | Warehouse | Start Date | End Date |
|---------|-----------------------------------|--------------|------------------|---------------|-----------------|-----------|------------|------------|
| 0 | Nisource/Columbia Gas of Virginia | BCS-0003-002 | BCS,G5 POD | 449043 | WR00043015 | | 07/05/2006 | 09/30/2007 |
| 0 | Nisource/Columbia Gas of Virginia | BCS-0003-002 | BCS,G5 POD | 449044 | WR00043016 | | 07/05/2006 | 09/30/2007 |
| 0 | Nisource/Columbia Gas of Virginia | BCS-0003-002 | BCS,G5 POD | 449047 | WR00043019 | | 07/05/2006 | 09/30/2007 |
| 0 | Nisource/Columbia Gas of Virginia | BCS-0003-002 | BCS,G5 POD | 449060 | WR00043031 | | 07/05/2006 | 09/30/2007 |
| 0 | Nisource/Columbia Gas of Virginia | BCS-0003-002 | BCS,G5 POD | 449121 | WR00043054 | | 07/05/2006 | 09/30/2007 |
| 0 | Nisource/Columbia Gas of Virginia | BCS-0003-002 | BCS,G5 POD | 449128 | WR00043060 | | 07/05/2006 | 09/30/2007 |
| 0 | Nisource/Columbia Gas of Virginia | BCS-0003-002 | BCS,G5 POD | 450393 | WR00043268 | | 07/05/2006 | 09/30/2007 |
| 0 | Nisource/Columbia Gas of Virginia | BCS-0003-002 | BCS,G5 POD | 450400 | WR00043272 | | 07/05/2006 | 09/30/2007 |
| 0 | Nisource/Columbia Gas of Virginia | BCS-0003-002 | BCS,G5 POD | 450401 | WR00043273 | | 07/05/2006 | 09/30/2007 |
| 0 | Nisource/Columbia Gas of Virginia | BCS-0003-002 | BCS,G5 POD | 450406 | WR00043275 | | 07/05/2006 | 09/30/2007 |
| 0 | Nisource/Columbia Gas of Virginia | BCS-0003-002 | BCS,G5 POD | 450805 | WR00043494 | | 07/05/2006 | 09/30/2007 |
| 0 | Nisource/Columbia Gas of Virginia | BCS-0003-002 | BCS,G5 POD | 450806 | WR00043495 | | 07/05/2006 | 09/30/2007 |
| 0 | Nisource/Columbia Gas of Virginia | BCS-0003-002 | BCS,G5 POD | 450807 | WR00043496 | | 07/05/2006 | 09/30/2007 |
| 0 | Nisource/Columbia Gas of Virginia | BCS-0003-002 | BCS,G5 POD | 450808 | WR00043497 | | 07/05/2006 | 09/30/2007 |
| 0 | Nisource/Columbia Gas of Virginia | BCS-0003-002 | BCS,G5 POD | 450809 | WR00043498 | | 07/05/2006 | 09/30/2007 |
| 0 | Nisource/Columbia Gas of Virginia | BCS-0003-002 | BCS,G5 POD | 450810 | WR00043499 | | 07/05/2006 | 09/30/2007 |
| 0 | Nisource/Columbia Gas of Virginia | BCS-0003-002 | BCS,G5 POD | 450811 | WR00043500 | | 07/05/2006 | 09/30/2007 |
| 0 | Nisource/Columbia Gas of Virginia | BCS-0003-002 | BCS,G5 POD | 450812 | WR00043501 | | 07/05/2006 | 09/30/2007 |
| 0 | Nisource/Columbia Gas of Virginia | BCS-0003-002 | BCS,G5 POD | 450813 | WR00043502 | | 07/05/2006 | 09/30/2007 |
| 0 | Nisource/Columbia Gas of Virginia | BCS-0003-002 | BCS,G5 POD | 450814 | WR00043503 | | 07/05/2006 | 09/30/2007 |
| 0 | Nisource/Columbia Gas of Virginia | BCS-0003-002 | BCS,G5 POD | 450815 | WR00043504 | | 07/05/2006 | 09/30/2007 |
| 0 | Nisource/Columbia Gas of Virginia | BCS-0003-002 | BCS,G5 POD | 450816 | WR00043505 | | 07/05/2006 | 09/30/2007 |
| 0 | Nisource/Columbia Gas of Virginia | BCS-0003-002 | BCS,G5 POD | 450818 | WR00043506 | | 07/05/2006 | 09/30/2007 |
| 0 | Nisource/Columbia Gas of Virginia | BCS-0003-002 | BCS,G5 POD | 450819 | WR00043507 | | 07/05/2006 | 09/30/2007 |
| 0 | Nisource/Columbia Gas of Virginia | BCS-0003-002 | BCS,G5 POD | 450820 | WR00043508 | | 07/05/2006 | 09/30/2007 |
| 0 | Nisource/Columbia Gas of Virginia | BCS-0003-002 | BCS,G5 POD | 450821 | WR00043509 | | 07/05/2006 | 09/30/2007 |
| 0 | Nisource/Columbia Gas of Virginia | BCS-0003-002 | BCS,G5 POD | 450824 | WR00043510 | | 07/05/2006 | 09/30/2007 |
| 0 | Nisource/Columbia Gas of Virginia | BCS-0003-002 | BCS,G5 POD | 450825 | WR00043511 | | 07/05/2006 | 09/30/2007 |
| 0 | Nisource/Columbia Gas of Virginia | BCS-0003-002 | BCS,G5 POD | 450826 | WR00043512 | | 07/05/2006 | 09/30/2007 |
| 0 | Nisource/Columbia Gas of Virginia | BCS-0003-002 | BCS,G5 POD | 450827 | WR00043513 | | 07/05/2006 | 09/30/2007 |
| 0 | Nisource/Columbia Gas of Virginia | BCS-0003-002 | BCS,G5 POD | 450828 | WR00043514 | | 07/05/2006 | 09/30/2007 |
| 0 | Nisource/Columbia Gas of Virginia | BCS-0003-002 | BCS,G5 POD | 450830 | WR00043516 | | 07/05/2006 | 09/30/2007 |
| 0 | Nisource/Columbia Gas of Virginia | BCS-0003-002 | BCS,G5 POD | 450832 | WR00043517 | | 07/05/2006 | 09/30/2007 |

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| 0 | Nisource/Columbia Gas of Virginia | BCS-0003-002 | BCS,G5 POD | 450834 | WR00043518 | 07/05/2006 | 09/30/2007 |
| 0 | Nisource/Columbia Gas of Virginia | BCS-0003-002 | BCS,G5 POD | 450902 | WR00043559 | 07/05/2006 | 09/30/2007 |
| 0 | Nisource/Columbia Gas of Virginia | BCS-0003-002 | BCS,G5 POD | 450908 | WR00043560 | 07/05/2006 | 09/30/2007 |
| 0 | Nisource/Columbia Gas of Virginia | BCS-0003-002 | BCS,G5 POD | 450909 | WR00043791 | 07/05/2006 | 09/30/2007 |
| 0 | Nisource/Columbia Gas of Virginia | BCS-0003-002 | BCS,G5 POD | 450910 | WR00043792 | 07/05/2006 | 09/30/2007 |
| 0 | Nisource/Columbia Gas of Virginia | BCS-0003-002 | BCS,G5 POD | 450912 | WR00043793 | 07/05/2006 | 09/30/2007 |
| 0 | Nisource/Columbia Gas of Virginia | BCS-0003-002 | BCS,G5 POD | 450913 | WR00043794 | 07/05/2006 | 09/30/2007 |
| 117823 | Nisource/Columbia Gas of Virginia | DCI-4250-002 | MC2.5,RF UNIT TOP LEVEL | 72502162 | WR00064435 | 08/09/2007 | 10/31/2008 |
| 112149 | Nisource/Columbia Gas of Virginia | FC2-0003-001 | FC2,RAPTOR,ENG OS,256/512MB,53 KEY | dzgeg6355zz7487 | WR00063505 | 05/25/2007 | 07/31/2008 |
| 112149 | Nisource/Columbia Gas of Virginia | FC2-0003-001 | FC2,RAPTOR,ENG OS,256/512MB,53 KEY | dzgeg6355zz7492 | WR00063505 | 05/25/2007 | 07/31/2008 |
| 112149 | Nisource/Columbia Gas of Virginia | FC2-0003-001 | FC2,RAPTOR,ENG OS,256/512MB,53 KEY | dzgeg7005zz8714 | WR00063505 | 05/25/2007 | 07/31/2008 |
| 108799 | Nisource/Columbia Gas of Virginia | FC2-0003-001 | FC2,RAPTOR,ENG OS,256/512MB,53 KEY | DZGEG7037ZZ1216 | WR00063239 | 04/19/2007 | 06/30/2008 |
| 108799 | Nisource/Columbia Gas of Virginia | FC2-0003-001 | FC2,RAPTOR,ENG OS,256/512MB,53 KEY | DZGEG7037ZZ1339 | WR00063239 | 04/19/2007 | 06/30/2008 |
| 112149 | Nisource/Columbia Gas of Virginia | OEM-0065-045 | OEM,FC2/R ETHERNET MULTIDOCK DESK DOCK, 6 UNITS | ps227646 | WR00063505 | 05/25/2007 | 07/31/2008 |
| 117823 | Nisource/Columbia Gas of Virginia | SWA-0119-009 | ITX,CB3,V2.7, 1.8GHZ, 2GB, 2 USB, 802.11 | ZZGEG7092ZZ6900 | WR00064435 | 08/09/2007 | 10/31/2008 |
| 0 | Nisource/Columbia Gas of Virginia | TRX-0004-004 | TRX,G5R,TOP LEVEL | 450526 | WR00053625 | 06/22/2006 | 08/31/2007 |
| 0 | Nisource/Columbia Gas of Virginia | TRX-0004-004 | TRX,G5R,TOP LEVEL | 450527 | WR00053626 | 06/22/2006 | 08/31/2007 |
| 0 | Nisource/Columbia Gas of Virginia | TRX-0004-004 | TRX,G5R,TOP LEVEL | 450529 | WR00053628 | 06/22/2006 | 08/31/2007 |
| 0 | Nisource/Columbia Gas of Virginia | TRX-0004-004 | TRX,G5R,TOP LEVEL | 450533 | WR00053632 | 06/22/2006 | 08/31/2007 |
| 0 | Nisource/Columbia Gas of Virginia | TRX-0004-004 | TRX,G5R,TOP LEVEL | 450536 | WR00053635 | 06/22/2006 | 08/31/2007 |
| 0 | Nisource/Columbia Gas of Virginia | TRX-0004-004 | TRX,G5R,TOP LEVEL | 450539 | WR00053638 | 06/22/2006 | 08/31/2007 |
| 0 | Nisource/Columbia Gas of Virginia | TRX-0004-004 | TRX,G5R,TOP LEVEL | 450540 | WR00053639 | 06/22/2006 | 08/31/2007 |
| 0 | Nisource/Columbia Gas of Virginia | TRX-0004-004 | TRX,G5R,TOP LEVEL | 450541 | WR00053640 | 06/22/2006 | 08/31/2007 |
| 0 | Nisource/Columbia Gas of Virginia | TRX-0004-004 | TRX,G5R,TOP LEVEL | 450542 | WR00053641 | 06/22/2006 | 08/31/2007 |
| 0 | Nisource/Columbia Gas of Virginia | TRX-0004-004 | TRX,G5R,TOP LEVEL | 450543 | WR00053642 | 06/22/2006 | 08/31/2007 |
| 0 | Nisource/Columbia Gas of Virginia | TRX-0004-004 | TRX,G5R,TOP LEVEL | 450544 | WR00053643 | 06/22/2006 | 08/31/2007 |
| 0 | Nisource/Columbia Gas of Virginia | TRX-0004-004 | TRX,G5R,TOP LEVEL | 450545 | WR00053644 | 06/22/2006 | 08/31/2007 |
| 0 | Nisource/Columbia Gas of Virginia | TRX-0004-004 | TRX,G5R,TOP LEVEL | 450546 | WR00053645 | 06/22/2006 | 08/31/2007 |
| 0 | Nisource/Columbia Gas of Virginia | TRX-0004-004 | TRX,G5R,TOP LEVEL | 450547 | WR00053646 | 06/22/2006 | 08/31/2007 |
| 0 | Nisource/Columbia Gas of Virginia | TRX-0004-004 | TRX,G5R,TOP LEVEL | 450550 | WR00053649 | 06/22/2006 | 08/31/2007 |
| 0 | Nisource/Columbia Gas of Virginia | TRX-0004-004 | TRX,G5R,TOP LEVEL | 450552 | WR00053651 | 06/22/2006 | 08/31/2007 |
| 0 | Nisource/Columbia Gas of Virginia | TRX-0004-004 | TRX,G5R,TOP LEVEL | 450553 | WR00053652 | 06/22/2006 | 08/31/2007 |
| 0 | Nisource/Columbia Gas of Virginia | TRX-0004-004 | TRX,G5R,TOP LEVEL | 450555 | WR00053654 | 06/22/2006 | 08/31/2007 |
| 0 | Nisource/Columbia Gas of Virginia | TRX-0004-004 | TRX,G5R,TOP LEVEL | 450556 | WR00053655 | 06/22/2006 | 08/31/2007 |

| | | | | | | | |
|---|-----------------------------------|--------------|-------------------|--------|------------|------------|------------|
| 0 | Nisource/Columbia Gas of Virginia | TRX-0004-004 | TRX,G5R,TOP LEVEL | 450561 | WR00053658 | 06/22/2006 | 08/31/2007 |
| 0 | Nisource/Columbia Gas of Virginia | TRX-0004-004 | TRX,G5R,TOP LEVEL | 450564 | WR00053659 | 06/22/2006 | 08/31/2007 |
| 0 | Nisource/Columbia Gas of Virginia | TRX-0004-004 | TRX,G5R,TOP LEVEL | 450565 | WR00053660 | 06/22/2006 | 08/31/2007 |
| 0 | Nisource/Columbia Gas of Virginia | TRX-0004-004 | TRX,G5H,TOP LEVEL | 450568 | WR00053663 | 06/22/2006 | 08/31/2007 |
| 0 | Nisource/Columbia Gas of Virginia | TRX-0004-004 | TRX,G5H,TOP LEVEL | 450571 | WR00053666 | 06/22/2006 | 08/31/2007 |
| 0 | Nisource/Columbia Gas of Virginia | TRX-0004-004 | TRX,G5R,TOP LEVEL | 450574 | WR00053669 | 06/22/2006 | 08/31/2007 |
| 0 | Nisource/Columbia Gas of Virginia | TRX-0004-004 | TRX,G5H,TOP LEVEL | 450578 | WR00053673 | 06/22/2006 | 08/31/2007 |
| 0 | Nisource/Columbia Gas of Virginia | TRX-0004-004 | TRX,G5R,TOP LEVEL | 450581 | WR00053676 | 06/22/2006 | 08/31/2007 |
| 0 | Nisource/Columbia Gas of Virginia | TRX-0004-004 | TRX,G5R,TOP LEVEL | 450583 | WR00053678 | 06/22/2006 | 08/31/2007 |
| 0 | Nisource/Columbia Gas of Virginia | TRX-0004-004 | TRX,G5R,TOP LEVEL | 450584 | WR00053679 | 06/22/2006 | 08/31/2007 |
| 0 | Nisource/Columbia Gas of Virginia | TRX-0004-004 | TRX,G5R,TOP LEVEL | 450586 | WR00053681 | 06/22/2006 | 08/31/2007 |
| 0 | Nisource/Columbia Gas of Virginia | TRX-0004-004 | TRX,G5R,TOP LEVEL | 450587 | WR00053682 | 06/22/2006 | 08/31/2007 |
| 0 | Nisource/Columbia Gas of Virginia | TRX-0004-004 | TRX,G5R,TOP LEVEL | 450588 | WR00053683 | 06/22/2006 | 08/31/2007 |
| 0 | Nisource/Columbia Gas of Virginia | TRX-0004-004 | TRX,G5H,TOP LEVEL | 450589 | WR00053684 | 06/22/2006 | 08/31/2007 |
| 0 | Nisource/Columbia Gas of Virginia | TRX-0004-004 | TRX,G5R,TOP LEVEL | 450590 | WR00053685 | 06/22/2006 | 08/31/2007 |
| 0 | Nisource/Columbia Gas of Virginia | TRX-0004-004 | TRX,G5R,TOP LEVEL | 450591 | WR00053686 | 06/22/2006 | 08/31/2007 |
| 0 | Nisource/Columbia Gas of Virginia | TRX-0004-004 | TRX,G5R,TOP LEVEL | 450593 | WR00053688 | 06/22/2006 | 08/31/2007 |
| 0 | Nisource/Columbia Gas of Virginia | TRX-0004-004 | TRX,G5R,TOP LEVEL | 450594 | WR00053689 | 06/22/2006 | 08/31/2007 |
| 0 | Nisource/Columbia Gas of Virginia | TRX-0004-004 | TRX,G5H,TOP LEVEL | 450595 | WR00053690 | 06/22/2006 | 08/31/2007 |
| 0 | Nisource/Columbia Gas of Virginia | TRX-0004-004 | TRX,G5H,TOP LEVEL | 450596 | WR00053691 | 06/22/2006 | 08/31/2007 |
| 0 | Nisource/Columbia Gas of Virginia | TRX-0004-004 | TRX,G5R,TOP LEVEL | 450598 | WR00053693 | 06/22/2006 | 08/31/2007 |



System Maintenance Policy

Field Collection System

Exhibit B

Overview

This Maintenance Policy describes Itron's support services, both contract and warranty, for Field Collection Meter Reading System (FCS) software and associated handheld computers ("equipment").

Customer Responsibilities

1. **Service Requests:** Customer will notify Itron of any problems that affect System performance as soon as practical. Problems are to be reported via Itron's Support Services Hotline at (800) 635-8725, the Client Service Support Center <http://support.itron.com> or via email at support@itron.com for non-urgent issues.
2. **Customer Coordinator:** Customer will identify a supervisory level employee to act as a Customer Coordinator (primary coordinator). The Customer Coordinator will act as the single administrative liaison with Itron for all non-technical maintenance issues, to include all calls to Itron for service. A secondary coordinator may be assigned as a backup when the primary contact is not available.
3. **Severity Levels:** Each Service Request is assigned a Severity Level. Severity Levels are mutually agreed upon between the Itron Support Analyst and the Customer Coordinator. Severity Levels describes the level of business impact to the customer, defines the rules of engagement, and the Itron resources to be expended. Severity Levels are set at 1, 2, 3, 4 or 5 depending on the nature of the problem, and they can be upgraded or downgraded at a later time. The list below summarizes these levels.
 - Severity Level 1 - Severe Business Impact
 - Severity Level 2 - Significant Business Impact
 - Severity Level 3 - Minor Business Impact
 - Severity Level 4 - Information/Training/Minor Errors
 - Severity Level 5 - Enhancement Request
4. **Client Report Forms:** Itron will provide Customer with a sufficient supply of blank Client Report Forms, and Customer agrees to complete and return a Client Report Form for each / every Inoperative handheld unit returned to Itron for maintenance or repair, retaining one copy for their records.
5. **Training:** In order to assist with the successful and effective operation of the Software, the Customer understands the need to retain personnel fully trained in the Use of the Software. Customer agrees that it shall not use Itron's Support



System Maintenance Policy

Field Collection System

Exhibit B

Services Centers In lieu of obtaining such formal training. Customer further agrees that each Customer contact person will be trained by Itron in the use, operation and support of the Software and will secure additional training for major releases. Training classes are available from Itron at Itron's then current rates and may be conducted at Customer's site, or at one of Itron's locations. Customer shall be responsible for all travel and other expenses incurred by its employees while attending such training. Customer understands and agrees that if the Customer loses trained personnel and attempts to rely on Itron's Support Services for training, assistance will be provided by Itron on an "as available" basis. While Itron will continue to respond to Customer requests, Itron will not allow Customer-training requests to dilute the effectiveness and responsiveness of its service and will notify Customer management that formal training is needed when such situations occur.

6. **Freight Charges:** Customer will forward all equipment and / or materials to Itron via pre-paid freight.
7. **System Configuration:** Customer will ensure that system equipment, operating system, and data communications environment is configured, operated, and maintained in accordance with Itron's prescribed system requirements. Customer agrees to consult with Itron prior to making changes to their system configuration that may affect system operation.
8. **Remote Communications:** Customer will install, operate, and maintain remote communications software (i.e. PCAnywhere[®], TelNet[®] or WebEx[®]) and equipment (modems) in a manner that will allow for remote dial-up access to meter reading System user sites. Customer will make remote access available to Itron, as necessary, for remote diagnosis and troubleshooting of Itron's meter reading System.
9. **Network Administration:** Customer will monitor and maintain all local and wide area network components, to include network servers, network clients, network hubs, routers, modems, and all software components necessary for efficient and reliable network operations. Specific activities include managing network equipment repairs, upgrades, and replacements; to ensure continued conformance with Itron's prescribed meter reading System configuration. Additional activities include ongoing administration of host names and Internet Protocol (IP) addresses, administration of network interfaces, access, security, communications, equipment and software version control.
10. **Database Administration:** Customer will administer the meter reading System database, including host equipment and software components, in compliance with Itron's prescribed System configuration. Specific activities include monitoring database server and back-up electrical power sources, configuration and administration of database schema, application interfaces, network



System Maintenance Policy

Field Collection System

Exhibit B

operating system, communications, and file transfer software. Additional activities include deletion and truncation of database files, performance of regular data back-up, data archive, and installation of all database upgrades as prescribed by Itron.

11. **Maintenance Administration:** Customer will administer meter reading system maintenance activities at a central source. Itron shall track responses to requests for support services from two technical contacts, the name of which will be provided to Itron. Customer contacts must be trained by Itron, or Customer's Itron trained personnel, on all Systems for which they call Itron for support. Customer may change any contact by providing Itron written notice of such change. Specific maintenance activities include meter reading System user training and support, administration of all third party software licenses, fees, and support services that affect meter reading System operations, initiation of Itron Service Requests as outlined herein, and oversight of equipment returns to, and receipts from, Itron. Additional support activities include remote access to System user sites and preliminary troubleshooting of System user problems.
12. **Data Review:** Customer understands and agrees that from time-to-time, situations may occur where it will be necessary for Itron to evaluate the Customer's data in order to reproduce error conditions not reproducible with Itron's standard test data sets. Customer further agrees to allow Itron access to such data subject to the License Agreement. Itron shall not be liable for any delay or failure to resolve the problem if access to such production data is denied to Itron.
13. **Estimation Fees:** In the event Itron should receive equipment for repair that is damaged, Itron will provide Customer with an estimate for repair of the equipment. If the Customer accepts the repair estimate, Itron will complete repairs and return equipment to the Customer with an invoice for the repairs and applicable freight charges.

If the estimate is not accepted by the Customer and the Customer requests the equipment be returned unrepared, Itron reserves the right to return the equipment to the Customer unrepared with an invoice for return freight and one (1) hour of labor at the prevailing labor rate. Units scrapped at Itron may be subject to an estimation fee, not exceeding one (1) hour of labor at the prevailing labor rate.



System Maintenance Policy

Field Collection System

Exhibit B

Itron Responsibilities

1. **Support Services Hours:** For the purpose of categorizing delivery of the services outlined herein, the following schedules will be in effect.

| | |
|-------------------------|---|
| Regular Business Hours: | 5:00 AM to 5:00 PM, Monday through Friday |
| Overtime Hours: | 5:00 PM to 5:00 AM, Monday through Friday 5:00 AM to 5:00 PM, Saturdays |
| Sunday / Holiday Hours: | After 5:00 PM, Saturdays, and / or days preceding Itron Holidays, until 5:00 AM, Mondays, and / or days following Itron Holidays. |

All times are Pacific Standard Time.

Itron Holidays will be listed and communicated in writing (at Customer's request) not later than December 30, for the following year.

2. **Covered Components:** Itron will maintain a database of Customer-owned equipment and software, including equipment serial numbers and shipping dates. At Customer's request, Itron will provide a printed copy of this database for Customer verification of equipment and maintenance coverage. Services performed as part of this Agreement will be limited to those items listed.

Any or all Customer-owned equipment added to this Agreement beyond expiration of product warranty may, at Itron's discretion, be subject to a qualifying maintenance inspection. Itron and Customer agree that qualifying maintenance inspections will be performed not later than ninety (90) days after a component is added to this Agreement at Itron's then current rates.

If qualifying maintenance inspection reveals that repairs, as determined by Itron, are necessary to render the equipment operable and serviceable, it shall be the Customer's option either to:

- a) Accept additional charges for equipment repair or replacement at rates or prices in effect, or;
 - b) Delete that equipment from the list of Covered Components, in which case the Agreement price will be adjusted to reflect the changes.
3. **Related Documentation:** Itron will provide one original set of applicable operations publications necessary to operate covered equipment and software as part of this Agreement, with additional copies available at Itron's then current List Price(s).



System Maintenance Policy

Field Collection System

Exhibit B

Engineering design, development procedures, source code, proprietary protocols, and / or additional Itron technical documents not necessary for operation of the System will be considered Itron Proprietary and will not be furnished as part of this Agreement.

4. **Support Services Hotline:** Customer Coordinator will notify Itron of any / all problems that affect system / unit performance as soon as practical. Itron will make available a Support Services Hotline for questions and Service Requests. The Support Services telephone number is (800) 635-8725 and live working hours are Monday - Friday, 5 a.m. to 5 p.m., PST. Support Services After Hours assistance is available for severity 1 (Severe Business Impact) issues only (severity levels defined in Itron's "Working Effectively with Itron Support Services").

In addition to Itron's Support Services Hotline, Customer personnel may contact Itron via Itron's Support Services FAX number, (509) 891-3553, or via Itron's Support Services email address; support@itron.com. Assistance with problems that affect meter reading or customer billing activities should first be reported to Itron's Support Services Hotline. Itron also offers on-line Support Services at www.eKnowledge.itron.com for self service access to customer-specific Service Requests, software updates, etc.

Please reference Itron's "Working Effectively with Itron Support Services" for additional contact details.

5. **Technical Support:** Itron will make available qualified technical representatives, during Regular Business Hours to assist the Customer with operation of the System. This technical support includes, but is not limited to, equipment configuration, file management, report generation, interpretation of error messages, problem diagnosis, and recommendations for fully utilizing system capabilities.

Itron also will answer questions regarding procedures, documentation, operation, maintenance, training, and system enhancements. Technical Support is available via Itron's toll-free Support Services Hotline, (800) 635-8725.

6. **Software Releases:** Itron provides SOFTWARE RELEASES as described for operation and maintenance of Customer's System. The SOFTWARE RELEASES are provided for Customer's exclusive use. Customer shall keep the System software current by installing all MAINTENANCE RELEASES, as defined below, when supplied by Itron. System software, which does not include Itron's most current MAINTENANCE RELEASE or two scheduled MAINTENANCE RELEASES back, will be defined as a non-current or CUSTOM RELEASE as described herein. Itron's SOFTWARE RELEASES are further defined as follows:



System Maintenance Policy

Field Collection System

Exhibit B

- a) **Critical Maintenance Release(s):** A Critical Maintenance Release will be forwarded to the Customer in response to critical problems. Critical problems are defined as those problems which interrupt the Customer's ability to read meters or execute customer billing. Critical problems will receive priority over all other reported problems, with corrective actions and timetables reported to Itron and Customer management personnel. Upon written request from the Customer, a Critical Maintenance Release may be forwarded prior to Itron's completion of a full system test. Since these expedited corrections are not fully system tested, all responsibility for results, errors or damages remain with the Customer.

- b) **Scheduled Maintenance Release(s):** The Customer will receive from Itron, as part of this Agreement, all Scheduled Maintenance Releases for the Customer's licensed, current, (standard) Software Product version. Scheduled Maintenance Releases, which are issued periodically, maintain original software functionality and include available fixes for reported, verified, and corrected problems. Maintenance Releases may be discontinued if there are no outstanding problems.

- c) **System Release(s):** Itron, at its sole discretion, will make available System Releases which provide new software functionality and / or migrate Itron Software Products onto other vendors' computing equipment or software operating systems. Itron reserves the right to invoice for all System Releases as they are made available at Itron's then-current prices.

- d) **Custom Release(s):** Custom Releases are issued in response to modification requests submitted in writing to Itron by the Customer. If the modification is significant in size or scope, Itron may elect to send, at Customer's expense, a technical representative on-site to finalize the design of the modification. If Itron chooses to perform the modification work, it will submit a statement of work to be approved by Customer that includes requirements definition, project management, design, development, documentation,



System Maintenance Policy Field Collection System

Exhibit B

testing, Implementation, and maintenance efforts and fees. A System with software that contains Customer-specific modifications, a non-current Release, or Incompatible operating system version becomes a "Custom System." Maintenance Releases, meter protocol Inclusions, modifications, upgrades, or enhancements to Custom Systems will be provided if requested by Customer, but are subject to separate price quotation.

Installation of Software Releases for Customer-licensed Software is the responsibility of the Customer. Itron will, at the Customer's request, install any Software Release provided under this Agreement, at the prevailing rate(s) in effect. Travel and living expenses will be invoiced to the Customer at Itron's costs.

7. **Software Support:** Itron's Software Development Group maintains the Software in accordance with the Documentation through problem resolution work that often results in Maintenance Releases, as defined above. Software Development services is accessed through the assigned Support Analyst. Included with the Maintenance Release are descriptions of the documented changes, associated release notes and Installation procedures. Once a new Scheduled Maintenance Release, as defined above, is issued, it becomes the new Software base upon which all future Maintenance Releases are delivered. Itron will provide support to the current Scheduled Maintenance Release and at least two (2) previous Scheduled Maintenance Releases.

Problem resolution work begins after the problem is verified by Itron, usually through duplication of the problem. In order to verify the problem, the Support Analyst may request additional data from the Customer.

8. **Software Library:** Itron will maintain a copy of Itron's then current, licensed, software version at its Spokane, WA facility, which will be made available to the Customer as necessary to reload corrupted or inoperative software.
9. **Onsite Support:** In those instances where problem analysis of the Customer's meter reading system by telephone is neither successful nor expedient, and upon mutual agreement between Itron and the Customer, Itron will dispatch Support Services personnel to the Customer's location during Regular Business Hours. Such services provided by Itron will be invoiced to the Customer at the hourly rates in effect at the time of service. Travel and living expenses will be invoiced at Itron's cost. If upon further investigation the issue is identified as a bug in the Itron system, Itron will not invoice the customer for the site effort or related travel.



System Maintenance Policy Field Collection System

Exhibit B

10. **Preventive Maintenance:** Itron will provide annual Preventive Maintenance service during Regular Business Hours, to include labor and materials, for Customer equipment registered in Itron's Service Database, as part of this Agreement. Itron agrees to complete scheduled preventive maintenance service and return the serviced equipment to the Customer as follows:

- a. G5/G5R - within three (3) working days after receipt
- b. FC200/ FC200R - within five (5) to seven (7) working days of receipt, based on multiple vendor repair requirements.

11. **Corrective Maintenance:** Itron will provide Corrective Maintenance service for Itron equipment including labor and materials, during Regular Business Hours at its servicing location. Upon receiving equipment, Itron will complete Corrective Maintenance service necessary to return the equipment to original operating specifications, excluding minor cosmetic deficiencies (blemishes, dents, scratches, etc.). Replacement parts furnished will be new, or like new in condition, and be functional equivalents to parts removed from service. Defective parts removed from service by Itron will become the property of Itron. Itron agrees to complete corrective maintenance service and return the serviced equipment to the Customer as outlined in the Preventative Maintenance section, above.

Additionally, Itron will provide Preventive Maintenance service concurrently with Corrective Maintenance services.

Any software or replacement part furnished at request of Customer that would represent an upgrade or enhancement over original equipment specifications may not be covered by the charges herein, but may be provided under this Agreement at Itron's then current prices.

12. **Handheld Damage Coverage / Replacement:** Itron's products are designed to meet documented field use specifications. The units are tested to Military Standard 810F by technically qualified engineers. Damage assessments for handhelds returned for repair are based on these specifications, as tested in a controlled environment. The significance of a given drop and resulting damage is influenced by a number of additional factors including, the environment (rocks, metal, etc), the drop position (face, corners, etc), the drop velocity (spinning, from moving car, etc) or those items in contact with the unit, such as a meter reader falling with the unit in their hand. These situations create additional impact force to a dropped handheld unit, resulting in potential damage. Further, the overall resilience of the handheld can also be affected by ongoing Customer use, care and management practices, in addition to the overall age of the product itself. Itron utilizes these indicators to complete practical, accurate damage assessments for each unit received for repair.

System Maintenance Policy

Field Collection System

Exhibit B

Damage Repairs: Itron's Maintenance coverage provides repairs for accidental damage to units, including drops of the varieties described above. The unit is brought to full field operation standards under Itron's high quality repair process, at no additional expense.

Replacement: Itron's Maintenance coverage will not include repairs for handheld units that are determined to be damage beyond repair or beyond the economic value of a replacement unit. For units found in this exception condition, whether caused by natural disaster (fire, flood) or through neglect (crushing, corrosion, theft) the Customer is responsible for the replacement of the unit. Itron will contact the Customer to outline the extent of the damage and validating the disposition of the unit. The damaged unit will be removed from the Customer's inventory. Customer may then contact Itron Order Processing to order a replacement unit, at their expense.

13. **Return Freight:** Upon completion of services, Itron will return Covered Components to the Customer via prepaid freight, with the same level of freight service as received from the Customer (ground freight, 2nd day, Next day delivery, etc.).
14. **Loaner Equipment:** As part of this Agreement and upon Customer request, Itron will provide loaner equipment to the Customer for incidental hardware needs, provided:
 - a) Customer purchases and maintains an inventory of spare equipment, in quantities not less than ten percent (10%) of equipment quantities covered under this Agreement (minimum quantity 1), and;
 - b) Equipment covered under this Agreement has received Preventive Maintenance service during the preceding twelve (12) month period, and;
 - c) Customer has exhausted its own supply of spare equipment due to repairs not related to physical damage, and;
 - d) Itron has, for whatever reason, exceeded its three (3) day equipment repair turnaround time.

Customer agrees that any Itron-owned equipment and / or software furnished as part of this Agreement will remain the property of Itron and be returned promptly upon receipt of customer's serviced equipment. Itron-owned property not returned within fourteen (14) days from shipment of Customer equipment are subject to a monthly rental invoice in the amount of ten percent (10%) of the product's current List Price for each thirty (30) day period or partial period the materials remain unreturned.



System Maintenance Policy Field Collection System

Exhibit B

15. **Batteries, Handstraps, and Antennas:** Itron will replace handheld computer batteries, handstraps, and antennas – not to exceed one of each item per unit, per twenty-four (24) month period. Itron may, at its discretion, request return shipment of Customer materials via pre-paid freight, prior to shipment of replacement materials.
16. **Technician Analysis Reports:** Itron will return a Technician Analysis Report with each repaired piece of equipment. At a minimum, this report will include a description of the problem, corrective actions, a list of parts replaced, and recommendations for future use. Additionally, the name and telephone number of Itron's servicing technician will be provided.

Supplemental Services

1. **Supplemental Services:** Services that are not covered as part of this Policy will be categorized as Supplemental Services. Itron shall have no obligation for the following Supplemental Services, but if such services are available, at Customer's option, they can be provided at Itron's then prevailing rate for labor, materials, and expenses (Schedule A). Supplemental Services will include, but not be limited to, the following:
 - a) Service on software or equipment that has been improperly installed or operated outside manufacturer specifications.
 - b) Service on software or equipment not specifically identified in Itron's Service Database.
 - c) Software not covered by Itron's Maintenance Agreement.
 - d) Installation of Software Releases for Customer-licensed Software.
 - e) Service related to Critical Maintenance Releases that were forwarded at Customer's request, prior to completion of full system testing.
 - f) Services or expenses outlined as Customer Responsibilities in this Agreement.
 - g) Equipment accessories, such as meter probes, shoulder straps, belt holsters, etc., except batteries, handstraps, and antennas.
 - h) Service Requests that include services, overtime or holiday coverage, response / return times, special freight or expenses over and above the Itron Responsibilities as outlined in this Agreement.
 - i) Equipment repairs due to damage or neglect, to include circuit board corrosion on equipment that has not been returned for annual preventive maintenance service, and



System Maintenance Policy Field Collection System

Exhibit B

repairs due to damage or alteration by persons other than Itron Service Representatives.

- j) Rental equipment provided at the request of the customer, exclusive of Itron furnished Loaner equipment provision (i.e., equipment supplied to cover large shortage requirements such as fire, flood, theft, acts of God, etc.).
- k) Services provided due to inoperative mainframe or personal computer processing equipment, network equipment, customer-modified software, and / or third-party software not required for operation of the System.
- l) Special investigations, tests, data, reports, or documentation not specifically included as part of this Agreement.
- m) Software fixes on problems that do not compromise the transmission of meter reading or System billing information, prior to scheduled Software Releases.
- n) Upgrades or enhancements.
- o) Damage resulting from electrical power, air conditioning, or humidity control failure.
- p) Communication problems related to non-Itron supplied modems and/or telephone lines, communication devices or protocols.
- q) Training Services.



System Maintenance Policy

Mobile Collection System

Exhibit C

Overview

This Maintenance Policy describes Itron's support services, both contract and warranty, for Mobile Collection System equipment and associated System Software. Covered hardware includes the Mobile Collector versions 2.0, 2.5, 3.0 and the Mobile Collector Lite (Mobile Collector), as integrated with approved application hardware components in the GoBook Max, the GoBook III and the FC200 (GoBook/FC200), in addition to certified Mobile Repeater hardware.

Customer Responsibilities

1. **Maintenance Coordinator:** Customer will identify a supervisory level employee to act as the Maintenance Coordinator for this Agreement. Maintenance Coordinator will act as the single administrative liaison with Itron for all non-technical maintenance issues, to include all calls to Itron for service.
2. **Problem Reporting:** Customer will notify Itron of any / all Mobile Collection System problems that affect unit performance as soon as practical. Problems are to be reported to Itron by the Customer's Maintenance Coordinator via Itron's Support Services Hotline at (800) 635-8725.
3. **Data Review:** Customer understands and agrees that from time-to-time, situations may occur where it will be necessary for Itron to evaluate the Customer's data in order to reproduce error conditions not reproducible with Itron's standard test data sets. Customer further agrees to allow Itron access to such data subject to the License Agreement.
4. **Installations:** Within the first shipment, the GoBook/FC200 is equipped with the necessary software for the Mobile Collection system and a virus detection application, as appropriate. As new versions for the Mobile Collection system software are loaded, new versions of the virus protection software will be loaded as well.

The customer is responsible for reading, understanding, and following all maintenance, installation and operation manuals/guides for the Mobile Collector and Repeater. Any request for changes, modifications, or deviation from installation procedures must be performed with Itron's consent. Unauthorized changes, modifications, or revisions of any kind that are performed without Itron's consent will invalidate applicable product warranties and / or maintenance coverage as outlined in this Policy.

5. **Preventive Maintenance:** Customer agrees to perform, as applicable, regular preventive maintenance on equipment. Please contact Itron Support Services for a Mobile Collection System Annual Maintenance Kit. These kits are provided at no charge with an Itron Maintenance Policy. If Customer is using equipment in a

System Maintenance Policy

Mobile Collection System

Exhibit C

very dusty environment, Itron recommends that equipment be returned to Itron for radio inspection, adjustment and cleaning every 24 months.

Preventative maintenance is not available with Repeater maintenance coverage.

Customer agrees to update virus definition files (or virus protection software) regularly. NOTE: Itron is not liable for repairs to the Gobook/FC200 caused by unauthorized software or inadequate virus protection software.

6. **Freight Charges:** Customer will forward all equipment and / or materials to Itron via pre-paid freight.
7. **System Configuration:** Customer will ensure that system equipment, operating system, and data communications environment is configured, operated, and maintained in accordance with Itron's prescribed system requirements. Customer agrees to consult with Itron prior to making changes to their system configuration that may affect system operation.

Itron Responsibilities

1. **Contractor:** Itron may interview, inspect, and contract a local service provider for hardware and administrative services on equipment identified in this Policy document. The Contractor will operate as an independent agent under the supervision of Itron. The Contractor will be responsible for all work performed on Customer's equipment on behalf of its employees and/or representatives. When appropriate, Itron may at its discretion, provide hardware, administrative or other services using other Contractor personnel, or Itron employees within the scope of this Agreement. Itron's Agreement with the Contractor is non-exclusive, and any changes in Contractor status, for any reason whatsoever, will be performed at Itron's discretion.
2. **Support Services Hours:** For the purpose of categorizing delivery of the services outlined herein, the following schedules will be in effect.

| | |
|-------------------------|---|
| Regular Business Hours: | 5:00 AM to 5:00 PM, Monday through Friday |
| Overtime Hours: | 5:00 PM to 5:00 AM, Monday through Friday |
| | 5:00 AM to 5:00 PM, Saturdays |
| Sunday / Holiday Hours: | After 5:00 PM, Saturdays, and / or days preceding Itron Holidays, until 5:00 AM, Mondays, and / or days following Itron Holidays. |

All times are Pacific Standard Time.





System Maintenance Policy

Mobile Collection System

Exhibit C

Itron Holidays will be listed and communicated in writing (at Customer's requests) not later than December 30, for the following year.

3. **Covered Equipment:** Services performed as part of this policy are limited to the Itron Mobile Collector, the Mobile Collector Lite, the Integrated Antenna, the GoBook Max™, GoBook III™ and the FC200. Integrated components, including the Mobile Collector Cradle, sled or base, make up the Itron Mobile Collection system. Pedestal mounts and pedestal installation are not covered under this agreement. It is agreed that all Covered Equipment is shipped to the Customer in proper operating condition and within manufacturer specifications, both operationally and environmentally. If equipment is sent to Itron in need of repair, both the Mobile Collector and GoBook/FC200 must be returned together within the original packaging supplied with equipment. However, if only the Integrated antenna is in need of repair, it can be sent independent of the Mobile Collector. Customer is responsible for shipping costs to Itron. Itron is responsible for shipping costs for return shipment to customer.

Mobile repeaters (single channel repeaters) are not covered under this maintenance policy: As currently implemented and provisioned, maintenance for the single channel repeater is not cost effective for our Customer base. Itron recommends that users stock a 3% replacement level to cover replacement of units that may fail unexpectedly.

4. **Covered Components:** Itron will maintain a database of Customer-owned equipment, including equipment serial numbers and shipping dates. At Customer's request, Itron will provide a printed copy of this database for Customer verification of equipment and maintenance coverage. Services performed as part of this policy will be limited to hardware and software items that make up the Itron Mobile Collection system. These items do not include replaceable external parts such as an external CD drive, floppy drives, and flash card reader. Customer understands that all repairs for hardware and software must be coordinated and performed through Itron to ensure warranty verification.

Itron provides an eleven (11) business day in-house turnaround for the Itron Mobile Collection system arriving at the Service Center during normal business hours.

Customer agrees to not add to or reconfigure the Mobile Collection system software, which includes the Mobile Interface and Mobile Administration software. Itron can refuse maintenance on software that has been tampered with outside of Itron approved configurations.



System Maintenance Policy

Mobile Collection System

Exhibit C

With respect to Microsoft Windows, MS SQL Server and McAfee Virus protection software, Customer may, at their own risk, install Security updates made available by these companies. Itron cannot warrant Mobile Collection operation on these releases until they are certified against a scheduled software release of the Mobile product. As such, Itron recommends the Customer complete detailed testing of the release before migrating them into production and create a plan for backing out to the old version if deemed necessary.

Any or all Customer-owned equipment added to this Agreement beyond expiration of product warranty may, at Itron's discretion, be subject to a qualifying maintenance inspection. Itron and Customer agree that qualifying maintenance inspections will be performed not later than ninety (90) days after a component is added to this Agreement at Itron's then current rates.

If qualifying maintenance inspection reveals that repairs, as determined by Itron, are necessary to render the equipment operable and serviceable, it shall be the Customer's option either to:

- a) Accept additional charges for equipment repair or replacement at rates or prices in effect, or:
- b) Delete that equipment from the list of Covered Components, in which case the Agreement price will be adjusted to reflect the changes (note that Time and Material rates differ from Maintenance Policy rates).

5. **Support Services Hotline:** Customer Coordinator will notify Itron of any / all problems that affect system / unit performance as soon as practical. Itron will make available a Support Services Hotline for questions and Service Requests. The Support Services telephone number is (800) 635-8725 and live working hours are Monday - Friday, 5 a.m. to 5 p.m., PST. Support Services After Hours assistance is available for severity 1 (Severe Business Impact) issues only (severity levels defined in Itron's "Working Effectively with Itron Support Services").

In addition to Itron's Support Services Hotline, Customer personnel may contact Itron via Itron's Support Services FAX number, (509) 891-3553, or via Itron's Support Services email address; support@itron.com. Assistance with problems that affect meter reading or customer billing activities should first be reported to Itron's Support Services Hotline. Itron also offers on-line Support Services at www.eKnowledge.Itron.com for self service access to customer-specific Service Requests, software updates, etc.

Please reference Itron's "Working Effectively with Itron Support Services" for additional contact details.





System Maintenance Policy

Mobile Collection System

Exhibit C

6. **Support Escalations:** The Service Request (SR) escalation process is in place to assist our customers who are with the resolution process on a support request. Please reference Itron's "Working Effectively with Itron Support Services" for additional contact details.

Each Service Request is assigned a Severity Level. Severity Levels are mutually agreed upon between the Itron Support Analyst and the Customer Coordinator. Severity Levels describes the level of business impact to the customer, defines the rules of engagement, and the Itron resources to be expended. Severity Levels are set at 1, 2, 3, 4 or 5 depending on the nature of the problem, and they can be upgraded or downgraded at a later time. The list below summarizes these levels.

- Severity Level 1 - Severe Business Impact
- Severity Level 2 - Significant Business Impact
- Severity Level 3 - Minor Business Impact
- Severity Level 4 - Information/Training/Minor Errors
- Severity Level 5 - Enhancement Request

7. **Loaner Equipment:** Loaner Mobile Collectors are available at no charge to Customers under a valid Itron Maintenance Policy, in accordance to the following guidelines:

- a) Loaner requests for repairs are considered top priority. Upon request, Itron will ship loaners to those customers in process of shipping an original unit for repair.
- b) Customer purchases and maintains an inventory of spare equipment, in quantities not less than ten percent (10%) of equipment quantities covered under this Agreement (minimum quantity 1), and;
- c) Customer has exhausted its own supply of spare equipment due to repairs not related to physical damage, and;
- d) Equipment covered under this Agreement has received Preventive Maintenance service during the preceding twelve (12) month period, and;
- e) Loaner requests for units sent in for preventative maintenance or for system upgrades (non-repair) must be made 21 days prior to the day the unit ships to allow adequate scheduling and allocation time.



System Maintenance Policy

Mobile Collection System

Exhibit C

Mobile Repeaters are not available in a loaner program. Itron recommends that Customers maintain an acceptable level of replacement (approximately 3%) to cover replacement requirements and repair timeframes.

8. **Corrective Maintenance:** Itron will complete any / all Corrective Maintenance deemed necessary to restore Covered Equipment to proper operating condition, to include all labor and materials. Itron will arrange for Corrective Maintenance to be performed during regular hours on regular business days, excluding holidays. Corrective Maintenance provided due to misuse or damage of any type is not covered by the charges herein, but will be performed under this Policy and shall be at Itron's then current billable rates.

The Gobook/FC200 runs the Mobile Collection system software. This compact computer is capable of doubling as an office PC with a Windows operating system. It is understood and agreed that Itron does not warrant and shall not be responsible for:

- a) Any enhancements/modifications made or attempted to be made to the software by the client after the installation of the software and not performed or authorized by Itron.
- b) Customer-modified software, and/or third-party software not required for operation of the system that adversely affects the performance and/or functionality of the Itron system. Third party software can contribute to system performance problems. Services and related expenses for correction of these problems are not covered under Itron's warranty and/or Maintenance Agreement charges and are subject to additional service fees.

It is also understood and agreed that any enhancements or modifications provided to the client by Itron may fail to operate in the event client has modified or attempted to modify the software provided in connection with the License Agreement. Itron, therefore, makes no warranty as to the compatibility of enhancements or modifications provided hereunder to the software in the event of any such modification by client.

9. **Maintenance Reports:** Prior to completion of preventive or corrective maintenance, maintenance representative(s) will provide Customer with a detailed report of service outlining symptoms, problem(s) found, corrective action, quantity and description of parts replaced, labor hours, and certification of proper system performance.



System Maintenance Policy

Mobile Collection System

Exhibit C

10. **Parts Replacement:** Itron will provide all replacement assemblies, boards, and components necessary in repair of Covered Equipment. In addition, Itron will provide all consumable parts used as necessary to complete preventive and predictive maintenance (i.e. antennas, filters, cables, connectors, etc.). Parts furnished will be new, or like new condition and be functional equivalents to those parts removed from service. Any part furnished at request of Customer that requires an upgrade or enhancement over factory specifications, or parts provided as necessary to complete repairs due to damage or misuse of any kind will be paid for at Itron's current rates by the Customer. Defective parts removed from service will become the property of Itron.
11. **Obsolescence:** In the event the Covered Equipment becomes obsolete, Itron's responsibility does not extend past the availability of replacement parts.
12. **Software Releases:** Itron will provide software releases as described below for operation and maintenance customer's System. Customer will keep the System software current by installing all software updates, as defined below, supplied by Itron.
- a) **Critical Software Update(s):** A Critical Software Update will be forwarded to customer in response to critical problems. Critical problems are defined as those problems which interrupt the customer's ability to read meters or execute customer billing. Critical problems will receive priority over all other reported problems.
 - b) **Software Update(s):** Base maintenance releases maintain original software functionality (not to include custom software changes) and are provided at no charge to customer under warranty and as a part of maintenance after warranty.
 - c) **Software / Hardware Upgrade(s):** Upgrade releases provide new software functionality through major architectural change to the Product and/or migrate the Software onto other vendors' computing equipment or software operating systems. Itron reserves the right to Invoice for all base and custom Software Upgrades as they are made available at Itron's then current prices, provided that such Software Upgrades are not available to Itron's other customers as part of their paid maintenance services.



System Maintenance Policy

Mobile Collection System

Exhibit C

- d) Custom Release(s): Custom Releases are issued in response to modification requests submitted in writing to Itron by the customer. Itron will submit a bid that includes requirements definition, project management, design, programming, documentation, testing, implementation, and maintenance.

System Maintenance Policy

MV-RS

Exhibit D

Overview

This Maintenance Policy describes Itron's support services, both contract and warranty, for the MV-RS Meter Reading System (System), including software (Software) and associated handheld computers ("Equipment").

Customer Responsibilities

1. **Service Requests:** Customer will notify Itron of any problems that affect System performance as soon as practical. Problems are to be reported via Itron's Support Services Hotline at (800) 635-8725.
2. **Customer Coordinator:** Customer will identify a supervisory level employee to act as a Customer Coordinator (primary coordinator). The Customer Coordinator will act as the single administrative liaison with Itron for all non-technical maintenance issues, to include all calls to Itron for service. A secondary coordinator may be assigned as a backup when the primary contact is not available.
3. **Severity Levels:** Each Service Request is assigned a Severity Level. Severity Levels are mutually agreed upon between the Itron Support Analyst and the Customer Coordinator. Severity Levels describes the level of business impact to the customer, defines the rules of engagement, and the Itron resources to be expended. Severity Levels are set at 1, 2, 3, 4 or 5 depending on the nature of the problem, and they can be upgraded or downgraded at a later time. The list below summarizes these levels.
 - Severity Level 1 - Severe Business Impact
 - Severity Level 2 - Significant Business Impact
 - Severity Level 3 - Minor Business Impact
 - Severity Level 4 - Information/Training/Minor Errors
 - Severity Level 5 - Enhancement Request
4. **Client Report Forms:** Itron will provide Customer with a sufficient supply of blank Client Report Forms, and Customer agrees to complete and return a Client Report Form for each / every Inoperative handheld unit returned to Itron for maintenance or repair, retaining one copy for their records.
5. **Freight Charges:** Customer is responsible for Equipment and / or material return shipments and insurance, and will forward returns to Itron via pre-paid freight.
6. **System Configuration:** Customer will ensure that system equipment, operating system, and data communications environment is configured, operated, and maintained in accordance with Itron's prescribed system requirements.

System Maintenance Policy

MV-RS

Exhibit D

Customer agrees to consult with Itron prior to making material changes to their system configuration that may affect system operation.

7. **Remote Communications:** Customer will purchase, install, operate, and maintain remote communications software (PCAnywhere[®], TelNet[®] or WebEx[®]) and equipment (modems) in a manner that will allow for remote dial-up access to meter reading System user sites. Customer will make remote access available to Itron, as necessary, for remote diagnosis and troubleshooting of Itron's meter reading System.
8. **Network Administration:** Customer will monitor and maintain all local and wide area network components, to include network servers, network clients, network hubs, routers, modems, and all software components necessary for efficient and reliable network operations. Specific activities include managing network equipment repairs, upgrades, and replacements; to ensure continued conformance with Itron's prescribed meter reading System configuration. Additional activities include ongoing administration of host names and Internet Protocol (IP) addresses, administration of network interfaces, access, security, communications, equipment and software version control.
9. **Database Administration:** Customer will administer the meter reading System database, including host equipment and software components, in compliance with Itron's prescribed System configuration. Specific activities include monitoring database server and back-up electrical power sources, configuration and administration of database schema, application interfaces, network operating system, communications, and file transfer software. Additional activities include deletion and truncation of database files, performance of regular data back-up, data archive, and installation of all database upgrades as prescribed by Itron.
10. **Maintenance Administration:** Customer will administer meter reading System maintenance activities at a central source. Specific maintenance activities include meter reading System user training and support, administration of all third party software licenses, fees, and support services that affect meter reading System operations, initiation of Itron Service Requests as outlined herein, and oversight of equipment returns to, and receipts from, Itron. Additional support activities include remote access to System user sites and preliminary troubleshooting of System user problems.
11. **Estimation Fees:** In the event Itron should receive equipment for repair that is damaged, Itron will provide Customer with an estimate for repair of the equipment. If the Customer accepts the repair estimate, Itron will complete repairs and return equipment to the Customer with an invoice for the repairs and applicable freight charges.

System Maintenance Policy

MV-RS

Exhibit D

If the estimate is not accepted by the Customer and the Customer requests the equipment be returned unrepaired, Itron reserves the right to return the equipment to the Customer unrepaired with an invoice for return freight and one (1) hour of labor at the prevailing labor rate. Units scrapped at Itron may be subject to an estimation fee, not exceeding one (1) hour of labor at the prevailing labor rate.

Itron Responsibilities

1. **Support Services Hours:** For the purpose of categorizing delivery of the services outlined herein, the following schedules will be in effect.

| | |
|-------------------------|---|
| Regular Business Hours: | 5:00 AM to 5:00 PM, Monday through Friday |
| Overtime Hours: | 5:00 PM to 5:00 AM, Monday through Friday 5:00 AM to 5:00 PM, Saturdays |
| Sunday / Holiday Hours: | After 5:00 PM, Saturdays, and / or days preceding Itron Holidays, until 5:00 AM, Mondays, and / or days following Itron Holidays. |

All times are Pacific Standard / Daylight Time.

Itron Holidays will be listed and communicated in writing (at Customer's request) not later than December 30, for the following year.

2. **Covered Components:** Itron will maintain a database of Customer-owned equipment and software, including equipment serial numbers and shipping dates. At Customer's request, Itron will provide a printed copy of this database for Customer verification of equipment and maintenance coverage. Services performed as part of this Agreement will be limited to those items listed.

Any or all Customer-owned equipment added to this Agreement beyond expiration of product warranty may, at Itron's discretion, be subject to a qualifying maintenance inspection. Itron and Customer agree that qualifying maintenance inspections will be performed not later than ninety (90) days after a component is added to this Agreement at Itron's then current rates.

If qualifying maintenance inspection reveals that repairs, as determined by Itron, are necessary to render the equipment operable and serviceable, it shall be the Customer's option either to:

- a) Accept additional charges for equipment repair or replacement at rates or prices in effect, or:

System Maintenance Policy

MV-RS

Exhibit D

- b) Delete that equipment from the list of Covered Components, In which case the Agreement price will be adjusted to reflect the changes.

3. **Related Documentation:** Itron will provide one original set of applicable operations publications necessary to operate covered equipment and software as part of this Agreement, with additional copies available at Itron's then current List Price(s).

Engineering blueprints, procedures, source code, proprietary protocols, and / or additional Itron technical documents not necessary for operation of the System will be considered Itron Proprietary and will not be furnished as part of this Agreement.

4. **Support Services Hotline:** Customer Coordinator will notify Itron of any / all problems that affect system / unit performance as soon as practical. Itron will make available a Support Services Hotline for questions and Service Requests. The Support Services telephone number is (800) 635-8725 and live working hours are Monday - Friday, 5 a.m. to 5 p.m., PST. Support Services After Hours assistance is available for severity 1 (Severe Business Impact) issues only (severity levels defined in Itron's "Working Effectively with Itron Support Services").

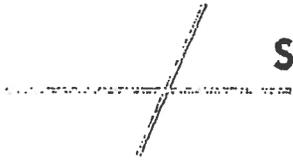
In addition to Itron's Support Services Hotline, Customer personnel may contact Itron via Itron's Support Services FAX number, (509) 891-3553, or via Itron's Support Services email address; support@itron.com. Assistance with problems that affect meter reading or customer billing activities should first be reported to Itron's Support Services Hotline. Itron also offers on-line Support Services at www.eKnowledge.itron.com for self service access to customer-specific Service Requests, software updates, etc.

Please reference Itron's "Working Effectively with Itron Support Services" for additional contact details.

5. **Technical Support:** Itron will make available qualified technical representatives, during Regular Business Hours to assist the Customer with operation of the System. This technical support includes, but is not limited to, equipment configuration, file management, report generation, interpretation of error messages, problem diagnosis, and recommendations for fully utilizing system capabilities.

Itron also will answer questions regarding procedures, documentation, operation, maintenance, training, and system enhancements. Technical Support is available via Itron's toll-free Support Services Hotline, (800) 635-8725.

6. **Software Releases:** Itron will provide Software Releases as described below for operation and maintenance of Customer's System. The Software Releases will be



System Maintenance Policy

MV-RS

Exhibit D

provided for Customer's exclusive use. Customer will keep the System software current by installing all Maintenance Releases, as defined below, supplied by Itron. Customer installed System Software which does not include one of Itron's two most current Scheduled Maintenance Release versions will be defined as non-current or as a Custom Release, as described herein. Itron's Software Releases are further defined as follows:

- a) **Critical Maintenance Release(s):** A Critical Maintenance Release will be forwarded to the Customer in response to critical problems. Critical problems are defined as those problems which interrupt the Customer's ability to read meters or execute customer billing. Critical problems will receive priority over all other reported problems, with corrective actions and timetables reported to Itron and Customer management personnel. Upon written request from the Customer, a Critical Maintenance Release may be forwarded prior to Itron's completion of a full system test. Since these expedited corrections are not fully system tested, all responsibility for results, errors or damages remain with the Customer.
- b) **Scheduled Maintenance Release(s):** The Customer will receive from Itron, as part of this Agreement, all Scheduled Maintenance Releases for the Customer's licensed, current, (standard) Software Product version. Scheduled Maintenance Releases, which are issued periodically, maintain original software functionality and include available fixes for reported, verified, and corrected problems. Maintenance Releases may be discontinued if there are no outstanding problems.
- c) **System Release(s):** Itron, at its sole discretion, will make available System Releases which provide new software functionality and / or migrate Itron Software Products onto other vendors' computing equipment or software operating systems not available or licensed with the original System purchase. Itron reserves the right to invoice for these System Releases upon Customer's request to expand to the newly offered license, at Itron's then-current prices.
- d) **Custom Release(s):** Custom Releases are issued in response to modification requests submitted in writing to

System Maintenance Policy

MV-RS

Exhibit D

Itron by the Customer. If the modification is significant in size or scope, Itron may elect to send, at Customer's expense, a technical representative on-site to finalize the design of the modification. If Itron chooses to perform the modification work, it will submit a bid that includes requirement definition, project management, design, programming, documentation, testing, implementation, and maintenance. A System with software that contains Customer-specific modifications, a non-current Release, or incompatible operating system version becomes a "Custom System." Maintenance Releases, meter protocol inclusions, modifications, upgrades, or enhancements to Custom Systems will be provided as part of this Agreement, subject to separate price quotation.

Installation of Software Releases for Customer-licensed Software is the responsibility of the Customer. Itron will, at the Customer's request, install any Software Release provided under this Agreement, at the prevailing rate(s) in effect. Travel and living expenses will be invoiced to the Customer at Itron's costs.

7. **Software Library:** Itron will maintain a copy of Itron's then current, licensed, software version at its Spokane, WA facility, which will be made available to the Customer as necessary to reload corrupted or inoperative software.
8. **Field Engineering Support:** In those instances where problem analysis of the Customer's meter reading system by telephone is neither successful nor expedient, and upon mutual agreement between Itron and the Customer, Itron will dispatch Field Engineering personnel to the Customer's location during Regular Business Hours.

These services will be provided at no charge as part of this Agreement within the first ninety (90) days of System Installation / start-up. Such services provided by Itron beyond this initial ninety (90) day period will be invoiced to the Customer at the hourly rates in effect at the time of service. Travel and living expenses will be invoiced at Itron's cost.

9. **Preventive Maintenance:** Itron will provide annual Preventive Maintenance service during Regular Business Hours, to include labor and materials, for Customer equipment registered in Itron's Service Database, as part of this Agreement. Itron agrees to complete scheduled preventive maintenance service and return the serviced equipment to the Customer as follows:
 - a. G5/G5R - within three (3) working days after receipt

System Maintenance Policy

MV-RS

Exhibit D

- b. FC200/ FC200R – within five (5) to seven (7) working days of receipt, based on multiple vendor repair requirements.

10. **Corrective Maintenance:** Itron will provide Corrective Maintenance service for Itron equipment including labor and materials, during Regular Business Hours at its servicing location. Upon receiving equipment, Itron will complete Corrective Maintenance service necessary to return the equipment to original operating specifications, excluding minor cosmetic deficiencies (blemishes, dents, scratches, etc.) and unit damage, as described below. Furnished replacement parts are manufacturer certified, in new or like new condition, and are a functional equivalent to parts removed during the service event. Defective parts removed from service by Itron will become the property of Itron. Itron agrees to complete corrective maintenance service and return serviced equipment to the Customer within turn times outlined in the Preventative Maintenance section, above.

Additionally, Itron will provide Preventive Maintenance service concurrently with Corrective Maintenance services.

Any software or replacement part furnished at request of Customer that would represent an upgrade or enhancement over original equipment specifications may not be covered by the charges herein, but may be provided under this Agreement/Policy as a Supplemental Service, at Itron's then current prices.

11. **Handheld Damage Coverage / Replacement:** Itron's products are designed to meet documented field use specifications. The units are tested to Military Standard 810F by technically qualified engineers. Damage assessments for handhelds returned for repair are based on these specifications, as tested in a controlled environment. The significance of a given drop and resulting damage is influenced by a number of additional factors including, the environment (rocks, metal, etc), the drop position (face, corners, etc), the drop velocity (spinning, from moving car, etc) or those items in contact with the unit, such as a meter reader falling with the unit in their hand. These situations create additional impact force to a dropped handheld unit, resulting in potential damage. Further, the overall resilience of the handheld can also be affected by ongoing Customer use, care and management practices, in addition to the overall age of the product itself. Itron utilizes these indicators to complete practical, accurate damage assessments for each unit received for repair.

Damage Repairs: Itron's Maintenance coverage provides repairs for accidental damage to units, including drops of the varieties described above. The unit is brought to full field operation standards under Itron's high quality repair process, at no additional expense.

System Maintenance Policy

MV-RS

Exhibit D

Replacement: Itron's Maintenance coverage will not include repairs for handheld units that are determined to be damage beyond repair or beyond the economic value of a replacement unit. For units found in this exception condition, whether caused by natural disaster (fire, flood) or through neglect (crushing, corrosion, theft) the Customer is responsible for the replacement of the unit. Itron will contact the Customer to outline the extent of the damage and validating the disposition of the unit. The damaged unit will be removed from the Customer's Inventory. Customer may then contact Itron Order Processing to order a replacement unit, at their expense).

12. **End of Service Support:** Following Itron's End of Support (EOS) announcement for a hardware product, Itron will make commercially reasonable efforts to continue maintenance services hereunder while resources and parts remain available. EOS repair processes and labor will remain at Itron's high quality standards, as described herein. Utilized replacement parts will be new parts or salvaged parts obtained through Itron's high quality hardware salvage efforts. Itron may offer EOS repair services under current maintenance fees or under a Time and Materials repair bid process.

Upon obsolescence of one or more repair parts Itron may elect, in its sole discretion, to replace a returned unit with a refurbished unit of similar model, in 'equal to' or 'better than' quality, as opposed to undertaking a potentially less effective repair process.

If the availability of repair parts or refurbished units is depleted, or the repair / refurbishment process cannot be maintained in a cost effective manner for Itron's Customer base, Itron will cease all EOS repair efforts.

13. **Return Freight:** Upon completion of services, Itron will return Covered Components to the Customer via prepaid freight, with the same level of freight service as received from the Customer (ground freight, 2nd day, Next day delivery, etc.).

14. **Loaner Equipment:** As part of this Agreement and upon Customer request, Itron will provide loaner equipment to the Customer for incidental hardware needs, provided:

- a) Customer purchases and maintains an Inventory of spare equipment, in quantities not less than ten percent (10%) of equipment quantities covered under this Agreement (minimum quantity 1), and;
- b) Equipment covered under this Agreement has received Preventive Maintenance service during the preceding twelve (12) month period, and;

System Maintenance Policy

MV-RS

Exhibit D

- c) Customer has exhausted its own supply of spare equipment due to repairs not related to physical damage, and;
- d) Itron has, for whatever reason, exceeded its three (3) day (or five (5) day in the case of FC200 handhelds) equipment repair turnaround time.

Customer agrees that any Itron-owned equipment and / or software furnished as part of this Agreement will remain the property of Itron and be returned promptly upon receipt of customer's serviced equipment. Itron-owned property not returned within fourteen (14) days from shipment of Customer equipment are subject to a monthly rental invoice in the amount of ten percent (10%) of the product's current List Price for each thirty (30) day period or partial period the materials remain unreturned.

15. **Batteries, Handstraps, and Antennas:** Itron will replace handheld computer batteries, handstraps, and antennas – not to exceed one of each item per unit, per twenty-four (24) month period. Itron may, at its discretion, request return shipment of Customer materials via pre-paid freight, prior to shipment of replacement materials.
16. **Technician Analysis Reports:** Itron will return a Technician Analysis Report with each repaired piece of equipment. At a minimum, this report will include a description of the problem, corrective actions, a list of parts replaced, and recommendations for future use. Additionally, the name and telephone number of Itron's servicing technician will be provided.

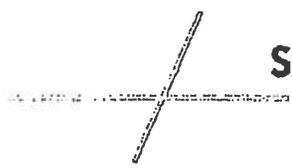
System Maintenance Policy

MV-RS

Exhibit D

Supplemental Services

1. **Supplemental Services:** Services that are not covered as part of this Agreement will be categorized as Supplemental Services. Itron shall have no obligation for the following Supplemental Services, but if such services are available, at Customer's option, they can be provided at Itron's then prevailing rate for labor, materials, and expenses (Schedule A). Supplemental Services will include, but not be limited to, the following:
 - a) Service on software or equipment that has been Improperly installed or operated outside manufacturer specifications.
 - b) Service on software or equipment not specifically identified in Itron's Service Database.
 - c) Installation of Software Releases for Customer-licensed Software.
 - d) Service related to Critical Maintenance Releases that were forwarded at Customer's request, prior to completion of full system testing.
 - e) Services or expenses outlined as Customer Responsibilities In this Agreement.
 - f) Equipment accessories, such as meter probes, shoulder straps, belt holsters, etc., except batteries, handstraps, and antennas.
 - g) Service Requests that include services, overtime or holiday coverage, response / return times, special freight or expenses over and above the Itron Responsibilities as outlined in this Agreement.
 - h) Equipment repairs due to damage or neglect, to include circuit board corrosion on equipment that has not been returned for annual preventive maintenance service, and repairs due to damage or alteration by persons other than Itron Service Representatives.
 - i) Rental equipment provided at the request of the customer, exclusive of Itron furnished Loaner equipment provision (i.e., equipment supplied to cover large shortage requirements such as fire, flood, theft, acts of God, etc.).
 - j) Services provided due to inoperative mainframe or personal computer processing equipment, network equipment, customer-modified software, and / or third-party software not required for operation of the System.



System Maintenance Policy

MV-RS

Exhibit D

- k) Special Investigations, tests, data, reports, or documentation not specifically Included as part of this Agreement.
- l) Software fixes on problems that do not compromise the transmission of meter reading or System billing information, prior to scheduled Software Releases.
- m) Upgrades or enhancements.
- n) Damage resulting from electrical power, air conditioning, or humidity control failure.
- o) Communication problems related to telephone lines, modems, network connections, etc.
- p) Training Services.

KY PSC Case No. 2013-00167
Response to AG's Data Request Set One No. 302
Respondents: Eric T. Belle and Brad Bohrer

**COLUMBIA GAS OF KENTUCKY, INC.
RESPONSE TO ATTORNEY GENERAL'S FIRST
REQUEST FOR INFORMATION
DATED JULY 19, 2013**

302. Please provide a copy of all bids for AMR equipment, software, construction, and contracting services.

Response:

Please refer to Columbia's response to AG Data Request Set one No. 301.

KY PSC Case No. 2013-00167
Response to AG's Data Request Set One No. 303
Respondent: S. Mark Katko, Eric T. Belle and Brad Bohrer

**COLUMBIA GAS OF KENTUCKY, INC.
RESPONSE TO ATTORNEY GENERAL'S FIRST
REQUEST FOR INFORMATION
DATED JULY 19, 2013**

303. Please explain and quantify the amounts of AMR-related costs from affiliates within the Company's Application.

Response:

Columbia is unsure what is meant by the amounts of AMR-related costs from affiliates.

COLUMBIA GAS OF KENTUCKY, INC.
RESPONSE TO ATTORNEY GENERAL'S FIRST
REQUEST FOR INFORMATION
DATED JULY 19, 2013

304. Please provide detailed per books operating income and rate base (by account) for the period 2006 through 2012.

Response:

Please see Attachment A of this response for the detailed per books operating income by account for the period 2006 through 2012.

Please refer to KY PSC Case Nos. 2007-00008 and 2009-00141 for detailed rate base calculations for 2006 and 2008. The table below shows per book historical year end rate base calculations by account for 2007, 2009, 2010, 2011 and 2012.

| | <u>2007</u> (\$000) | <u>2009</u> (\$000) | <u>2010</u> (\$000) | <u>2011</u> (\$000) | <u>2012</u> (\$000) |
|---|------------------------|------------------------|------------------------|------------------------|------------------------|
| Plant in Service (Acct. 101) | 253,624 | 277,486 | 286,559 | 298,051 | 311,259 |
| Constr. Not Classified (Acct. 106) | <u>7,018</u> | <u>3,852</u> | <u>2,899</u> | <u>4,544</u> | <u>7,065</u> |
| Total Utility Plant | 260,642 | 281,339 | 289,458 | 302,595 | 318,324 |
| Add: Prepayments (Acct. 165) | 473 | 418 | 492 | 535 | 433 |
| Add: Cash Working Capital (1/8 O&M) | 3,007 | 3,926 | 3,992 | 4,046 | 4,242 |
| Add: Storage, M&S (Acct. 164,154) | 39,016 | 37,140 | 38,771 | 37,297 | 42,579 |
| Less: Accumulated Depr. (Acct. 108,111) | 115,468 | 120,164 | 124,485 | 128,017 | 131,058 |
| Less: Cust. Advances (Acct. 252,186) | 183 | (92) | 42 | 29 | 54 |
| Less: ADIT (Acct. 190,282,283) | <u>21,789</u> | <u>36,671</u> | <u>37,806</u> | <u>43,282</u> | <u>49,654</u> |
| Total Rate Base | <u>165,698</u> | <u>166,080</u> | <u>170,381</u> | <u>173,146</u> | <u>184,813</u> |

COLUMBIA GAS OF KENTUCKY, INC.
CASE NO. 2013 - 00167
COMPARATIVE INCOME STATEMENTS
FOR THE YEARS 2006 THROUGH 2012

| LINE NO. | ACCOUNT NO. (S) | ACCOUNT TITLE | 2006 (1) \$ | 2007 (2) \$ | 2008 (3) \$ | 2009 (4) \$ | 2010 (5) \$ | 2011 (6) \$ | 2012 (7) \$ |
|-------------|--------------------|---|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| 1 | | <u>OPERATING REVENUE</u> | | | | | | | |
| 2 | | <u>SALES OF GAS</u> | | | | | | | |
| 3 | 480 | RESIDENTIAL | 93,156,645 | 80,273,425 | 110,662,530 | 89,591,577 | 64,483,915 | 69,481,707 | 54,689,609 |
| 4 | 481.1 | COMMERCIAL | 52,674,431 | 44,494,025 | 61,045,451 | 47,920,184 | 30,869,312 | 30,642,988 | 21,673,684 |
| 5 | 481.2 | INDUSTRIAL | 2,934,268 | 2,053,090 | 2,550,768 | 1,482,106 | 1,034,134 | 1,386,480 | 1,316,437 |
| 6 | 481.9 | OTHER | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7 | | TOTAL SALES OF GAS | 148,765,344 | 126,820,540 | 174,258,749 | 138,993,867 | 96,387,361 | 101,511,175 | 77,679,730 |
| 8 | | <u>OTHER OPERATING INCOME</u> | | | | | | | |
| 9 | 483 | SALES FOR RESALE | 258,844 | 161,925 | 243,259 | 205,268 | 106,089 | 128,094 | 72,753 |
| 10 | 487 | FORFEITED DISCOUNTS | 416,218 | 270,231 | 192,713 | 209,255 | 493,928 | 572,294 | 406,197 |
| 11 | 488 | MISC. SERVICE REVENUES | 155,598 | 125,482 | 147,314 | 133,474 | 139,469 | 131,252 | 149,536 |
| 12 | 489 | TRANSPORTATION OF GAS OF OTHERS | 14,622,742 | 15,317,177 | 17,624,937 | 19,093,556 | 18,631,996 | 19,652,794 | 19,408,997 |
| 13 | 493 - 495 | OTHER GAS REVENUES (MISC./OFF SYSTEM SALES) | 253,883 | 18,055,425 | 15,961,909 | (2,308,681) | 21,030,291 | 23,318,524 | 3,368,237 |
| 14 | | TOTAL OTHER OPERATING INCOME | 15,707,285 | 33,930,240 | 34,170,132 | 17,332,872 | 40,401,773 | 43,802,958 | 23,405,720 |
| 15 | | TOTAL OPERATING REVENUE | 164,472,629 | 160,750,780 | 208,428,881 | 156,326,739 | 136,789,134 | 145,314,133 | 101,085,450 |
| 16 | | <u>OPERATING EXPENSES</u> | | | | | | | |
| 17 | | <u>LIQUEFIED PETROLEUM GAS PRODUCTION EXPENSE</u> | | | | | | | |
| 18 | 717 | LIQUEFIED PETROLEUM GAS EXPENSE | 903 | 719 | 706 | 1,127 | 1,529 | 1,660 | 1,590 |
| 19 | 723 | FUEL FOR LIQUEFIED PETROLEUM GAS PROCESS | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20 | 728 | LIQUEFIED PETROLEUM GAS | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 21 | 741 | STRUCTURES & IMPROVEMENTS | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 22 | 742 | PRODUCTION EQUIPMENT | 17 | 0 | 0 | 0 | 71 | 0 | 0 |
| 23 | | TOTAL LIQUEFIED PETROLEUM GAS PROD. EXPENSE | 920 | 719 | 706 | 1,127 | 1,600 | 1,660 | 1,590 |

COLUMBIA GAS OF KENTUCKY, INC.
CASE NO. 2013 - 00167
COMPARATIVE INCOME STATEMENTS
FOR THE YEARS 2006 THROUGH 2012

| LINE | ACCOUNT NO. | ACCOUNT TITLE | 2008 | 2009 | 2008 | 2009 | 2010 | 2011 | 2012 |
|------|-------------|---|--------------|-------------|--------------|-------------|--------------|-------------|-------------|
| | NO. (S) | | (1) | (2) | (3) | (4) | (5) | (6) | (7) |
| | | | \$ | \$ | \$ | \$ | \$ | \$ | \$ |
| 1 | | <u>OPERATION AND MAINTENANCE EXPENSE ACCOUNTS</u> | | | | | | | |
| 2 | | <u>OTHER GAS SUPPLY EXPENSES - OPERATION</u> | | | | | | | |
| 3 | 801-803 | NATURAL GAS FIELD & TRANSMISSION LINE PURCH | 98,859,870 | 120,445,957 | 172,231,551 | 50,758,577 | 82,332,325 | 88,741,717 | 43,257,742 |
| 4 | 804 | NATURAL GAS CITY GATE PURCHASES | 4,065,213 | 2,070,210 | 2,784,691 | 2,073,128 | 1,665,682 | 1,436,498 | 669,542 |
| 5 | 805 | OTHER GAS PURCHASES | 27,010,321 | (7,585,331) | 882,776 | 27,547,097 | (14,424,246) | 2,852,961 | 1,536,270 |
| 6 | 806 | EXCHANGE GAS | (15,389,496) | (2,314,947) | (9,492,973) | 7,822,628 | 2,954,482 | 747,456 | (6,129,739) |
| 7 | 807 | PURCHASED GAS EXPENSE | 25,983 | 26,557 | 390,527 | 512,609 | 450,395 | 437,621 | 433,465 |
| 8 | 808 | GAS WITHDRAWN FROM STORAGE | 3,643,169 | (921,555) | (11,525,301) | 14,493,570 | 6,736,905 | (7,883,647) | 3,702,894 |
| 9 | 812 | GAS USED FOR OTHER UTILITY OPERATIONS | (101,773) | (126,086) | (182,156) | (93,547) | (99,795) | (78,097) | (57,771) |
| 10 | 813 | EXCHANGE FEES | 0 | 65,128 | 5,543 | 0 | 27,598 | 0 | 16,204 |
| 11 | | TOTAL OTHER GAS SUPPLY EXPENSES - OPERATION | 118,113,287 | 111,659,933 | 155,094,658 | 103,114,062 | 79,643,346 | 86,254,509 | 43,428,607 |
| 12 | | <u>DISTRIBUTION EXPENSES - OPERATION</u> | | | | | | | |
| 13 | 870 | SUPERVISION AND ENGINEERING | 224,219 | 493,896 | 744,256 | 645,682 | 941,512 | 688,018 | 677,858 |
| 14 | 871 | DISTRIBUTION LOAD DISPATCHING | 26,566 | 25,392 | 29,360 | 28,470 | 31,187 | 13,269 | 14,568 |
| 15 | 874 | MAINS AND SERVICES EXPENSES | 1,703,056 | 1,784,863 | 2,029,869 | 2,095,499 | 2,613,867 | 2,741,803 | 2,773,513 |
| 16 | 875 | MEASURING AND REGULATION STA. EXPENSE - GEN. | 180,486 | 152,469 | 194,388 | 227,444 | 249,120 | 228,705 | 269,975 |
| 17 | 876 | MEASURING AND REGULATION STA. EXPENSE - IND. | 35,452 | 35,955 | 35,557 | 36,949 | 47,893 | 58,656 | 87,797 |
| 18 | 878 | METERS AND HOUSE REGULATOR EXPENSE | 1,513,797 | 1,387,364 | 1,658,102 | 1,564,353 | 1,608,320 | 1,519,001 | 1,512,433 |
| 19 | 879 | CUSTOMER INSTALLATIONS EXPENSE | 1,056,275 | 1,154,479 | 1,147,102 | 1,314,967 | 1,488,173 | 1,394,523 | 1,444,097 |
| 20 | 880 | OTHER EXPENSE | 1,525,710 | 1,407,070 | 1,590,193 | 1,456,019 | 1,350,065 | 1,317,120 | 1,059,086 |
| 21 | 881 | TELECOMMUNICATION EXPENSE - ENGINEERING | 119,243 | 107,892 | 71,889 | 75,517 | 80,367 | 80,430 | 81,901 |
| 22 | | TOTAL DISTRIBUTION EXPENSES - OPERATION | 6,384,804 | 6,549,380 | 7,500,716 | 7,444,900 | 8,410,504 | 8,041,525 | 7,921,228 |
| 23 | | <u>DISTRIBUTION EXPENSES - MAINTENANCE</u> | | | | | | | |
| 24 | 885 | SUPERVISION AND ENGINEERING | 154,548 | 143,459 | 97,266 | 64,538 | 16,026 | 14,287 | 13,737 |
| 25 | 886 | STRUCTURES AND IMPROVEMENTS | 111,178 | 104,409 | 87,172 | 117,773 | 142,392 | 151,676 | 211,725 |
| 26 | 887 | MAINS | 1,258,778 | 1,217,664 | 1,458,640 | 1,590,537 | 1,410,568 | 1,178,452 | 1,531,168 |
| 27 | 889 | MEASURING AND REGULATION STA. EXPENSE - GEN. | 139,890 | 143,152 | 113,855 | 125,937 | 155,155 | 181,098 | 283,500 |
| 28 | 890 | MEASURING AND REGULATION STA. EXPENSE - IND. | 98,971 | 120,197 | 104,514 | 151,532 | 72,749 | 68,844 | 101,405 |
| 29 | 892 | SERVICES | 343,173 | 453,799 | 471,009 | 490,943 | 453,343 | 427,858 | 231,514 |
| 30 | 893 | METERS AND HOUSE REGULATORS | 139,405 | 116,987 | 97,411 | 176,786 | 234,182 | 209,316 | 239,164 |
| 31 | 894 | OTHER EQUIPMENT | 104,663 | 166,392 | 173,649 | 208,945 | 208,163 | 262,404 | 336,988 |
| 32 | | TOTAL DISTRIBUTION EXPENSES - MAINTENANCE | 2,350,606 | 2,466,059 | 2,603,516 | 2,926,991 | 2,692,578 | 2,493,935 | 2,949,201 |

COLUMBIA GAS OF KENTUCKY, INC.
CASE NO. 2013 - 00167
COMPARATIVE INCOME STATEMENTS
FOR THE YEARS 2006 THROUGH 2012

| LINE | ACCOUNT NO. | ACCOUNT TITLE | 2008 (1) \$ | 2009 (2) \$ | 2008 (3) \$ | 2009 (4) \$ | 2010 (5) \$ | 2011 (6) \$ | 2012 (7) \$ |
|------|-------------|---|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| 1 | | <u>CUSTOMER ACCOUNTS EXPENSES - OPERATION</u> | | | | | | | |
| 2 | 901 | SUPERVISION | 6,460 | 6,980 | 6,434 | 6,485 | 6,637 | 6,374 | 6,975 |
| 3 | 902 | METER READING EXPENSES | 1,107,953 | 1,245,285 | 1,219,043 | 1,284,811 | 1,476,636 | 1,494,021 | 1,473,257 |
| 4 | 903 | CUSTOMER RECORDS & COLLECTIONS - UTIL. SERV | 1,284,044 | 942,361 | 2,648,121 | 2,609,677 | 2,940,775 | 3,179,745 | 3,122,230 |
| 5 | 904 | UNCOLLECTIBLE ACCOUNTS | 1,594,285 | 1,181,046 | 2,451,089 | 1,991,631 | 1,230,283 | 594,185 | 534,473 |
| 6 | 905 | MISCELLANEOUS CUSTOMER ACCOUNT EXPENSES | 4,837 | 826 | 1,908 | 1,361 | 995 | 1,524 | 1,695 |
| 7 | 921 | OFFICE SUPPLIES AND EXPENSES | 301 | 404 | 515 | 273 | 272 | 3,532 | 287 |
| 8 | 935 | MAINTENANCE OF GENERAL PLANT | 157 | 163 | 155 | 0 | 0 | 0 | 0 |
| 9 | | TOTAL CUSTOMER ACCOUNTS EXPENSE | 3,998,037 | 3,377,065 | 6,327,265 | 5,894,238 | 5,655,598 | 5,279,381 | 5,138,917 |
| 10 | | <u>CUSTOMER SERVICE & INFORMATION - OPERATION</u> | | | | | | | |
| 11 | 907 | SUPERVISION | 31,927 | 39,078 | 30,327 | 47,991 | 38,314 | 40,066 | 41,062 |
| 12 | 908 | CUSTOMER ASSISTANCE EXPENSES | 142,617 | 158,365 | 148,563 | 41,086 | 292,401 | 996,356 | 1,155,118 |
| 13 | 909 | INFORMATIONAL AND INSTR. ADVERT. EXPENSES | 0 | 0 | 55,709 | 44,934 | 57,810 | 44,737 | 48,748 |
| 14 | 910 | MISCELLANEOUS CUSTOMER ACCOUNT EXPENSE | 46 | 24,199 | 502,292 | 521,041 | 525,080 | 450,181 | 357,953 |
| 15 | 921 | OFFICE SUPPLIES AND EXPENSES | 4,135 | 5,570 | 7,042 | 3,744 | 3,711 | 2,358 | 2,047 |
| 16 | 935 | MAINTENANCE OF GENERAL PLANT | 15 | 18 | 14 | 0 | 0 | 0 | 0 |
| 17 | | TOTAL CUST. ACCOUNTS EXPENSES - OPERATION | 178,740 | 227,230 | 743,947 | 658,796 | 917,316 | 1,533,698 | 1,604,928 |
| 18 | | | | | | | | | |
| 19 | | <u>SALES EXPENSES</u> | | | | | | | |
| 20 | 911 | SUPERVISION | 0 | 0 | 2,634 | 0 | 0 | 0 | 0 |
| 21 | 912 | DEMONSTRATING AND SELLING EXPENSES | 0 | 13,862 | 43,417 | 48,315 | 30,710 | 10,539 | 33,385 |
| 22 | 913 | ADVERTISING EXPENSE | 0 | 0 | 5,525 | 905 | 729 | 85,123 | 38,659 |
| 23 | 916 | MISCELLANEOUS SALES EXPENSE | 0 | 0 | (1) | 0 | 0 | 0 | 0 |
| 24 | | TOTAL SALES EXPENSES | 0 | 13,862 | 51,575 | 49,220 | 31,439 | 95,662 | 72,044 |

COLUMBIA GAS OF KENTUCKY, INC.
CASE NO. 2013 - 00167
COMPARATIVE INCOME STATEMENTS
FOR THE YEARS 2006 THROUGH 2012

| LINE | ACCOUNT | 2008 | 2009 | 2008 | 2009 | 2010 | 2011 | 2012 |
|------|--|-------------|-------------|-------------|-------------|-------------|-------------|------------|
| NO. | NO. (S) | (1) | (2) | (3) | (4) | (5) | (6) | (7) |
| | ACCOUNT TITLE | \$ | \$ | \$ | \$ | \$ | \$ | \$ |
| 1 | <u>ADMINISTRATIVE AND GENERAL EXPENSES - OPERATION</u> | | | | | | | |
| 2 | 920 ADMINISTRATIVE AND GENERAL SALARIES | 528,569 | 262,559 | 999,080 | 989,319 | 1,162,483 | 1,100,057 | 1,107,536 |
| 3 | 921 OFFICE SUPPLIES AND EXPENSES | 262,257 | 394,446 | 311,019 | 426,957 | 280,228 | 353,514 | 480,292 |
| 4 | 923 OUTSIDE SERVICES EMPLOYED | 9,891,691 | 7,946,169 | 7,111,835 | 8,072,461 | 8,059,703 | 8,765,353 | 9,341,809 |
| 5 | 924 PROPERTY INSURANCE PREMIUMS | 197,469 | 134,555 | 116,906 | 99,876 | 94,186 | 82,880 | 83,150 |
| 6 | 925 INJURIES AND DAMAGES | 831,047 | 731,949 | 688,690 | 879,495 | 936,298 | 940,914 | 804,311 |
| 7 | 926 EMPLOYEE PENSIONS AND BENEFITS | 1,804,253 | 1,583,954 | 1,065,360 | 3,114,460 | 2,722,523 | 1,914,522 | 2,557,757 |
| 8 | 927 UTILITY AND FUEL | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 928 REGULATORY COMMISSION EXPENSE | 281,552 | 288,670 | 302,664 | 373,344 | 405,464 | 299,674 | 269,664 |
| 10 | 929 DUPLICATE CHARGES | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11 | 930 GENERAL MISCELLANEOUS GENERAL | 37,457 | 42,277 | 53,245 | 42,772 | 41,970 | 13,466 | 22,794 |
| 12 | 931 RENTS | (375,322) | 9,785 | 6,958 | 5,812 | 7,045 | 12,871 | 10,750 |
| 13 | TOTAL ADMIN. AND GENERAL EXP. - OPERATION | 13,458,973 | 11,394,364 | 10,655,757 | 14,004,496 | 13,709,900 | 13,483,251 | 14,678,063 |
| 14 | <u>ADMINISTRATIVE AND GENERAL EXPENSES - MAINTENANCE</u> | | | | | | | |
| 15 | 935 MAINTENANCE OF GENERAL PLANT | 225 | 225 | 225 | 225 | 225 | 0 | 545 |
| 16 | TOTAL ADMIN. AND GEN. EXP. - MAINTENANCE | 225 | 225 | 225 | 225 | 225 | 0 | 545 |
| 17 | TOTAL OPERATION AND MAINT. EXP. ACCOUNTS | 144,485,592 | 135,688,837 | 182,978,365 | 134,094,055 | 111,062,506 | 117,183,621 | 75,795,123 |
| 18 | 403-404 DEPRECIATION AND AMORTIZATION | 5,337,146 | 5,416,496 | 5,600,958 | 5,793,138 | 5,943,474 | 6,182,943 | 6,676,553 |
| 19 | 408 TAXES OTHER THAN INCOME TAXES | 2,253,757 | 2,363,454 | 2,569,465 | 2,559,094 | 2,573,476 | 2,770,426 | 2,913,004 |
| 20 | 409 - 411 FEDERAL INCOME TAXES | 4,260,355 | 6,073,468 | 5,534,504 | 4,260,607 | 5,473,404 | 5,678,791 | 4,423,548 |
| 21 | 409 - 411 STATE INCOME TAXES | 585,068 | 628,879 | 1,007,560 | 743,138 | 864,376 | 875,040 | 544,181 |
| 22 | TOTAL OPERATING EXPENSES | 156,921,918 | 150,171,134 | 197,690,852 | 147,450,032 | 125,917,236 | 132,690,821 | 90,352,409 |
| 23 | NET OPERATING INCOME | 7,550,711 | 10,579,646 | 10,738,029 | 8,876,707 | 10,871,898 | 12,623,312 | 10,733,041 |

KY PSC Case No. 2013-00167
Response to AG's Data Request Set One No. 305
Respondent: Russell A. Feingold

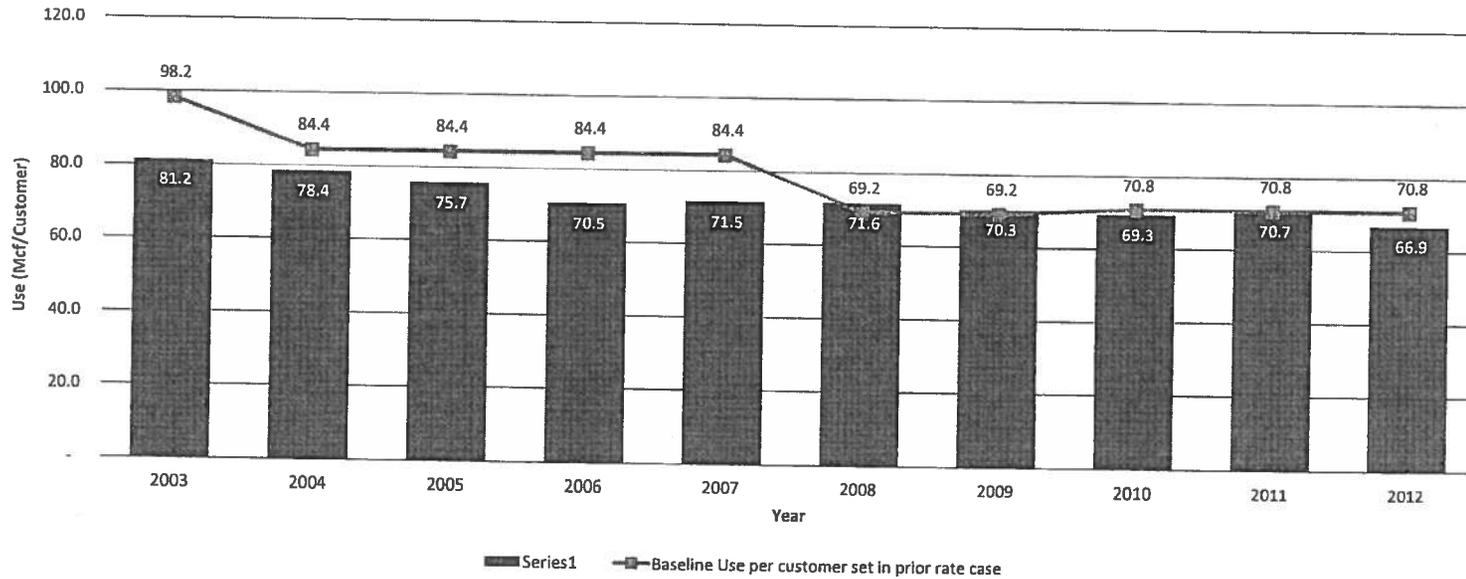
**COLUMBIA GAS OF KENTUCKY, INC.
RESPONSE TO ATTORNEY GENERAL'S FIRST
REQUEST FOR INFORMATION
DATED JULY 19, 2013**

305. Please provide all source documents and workpapers used to
development Attachment RAF-4.

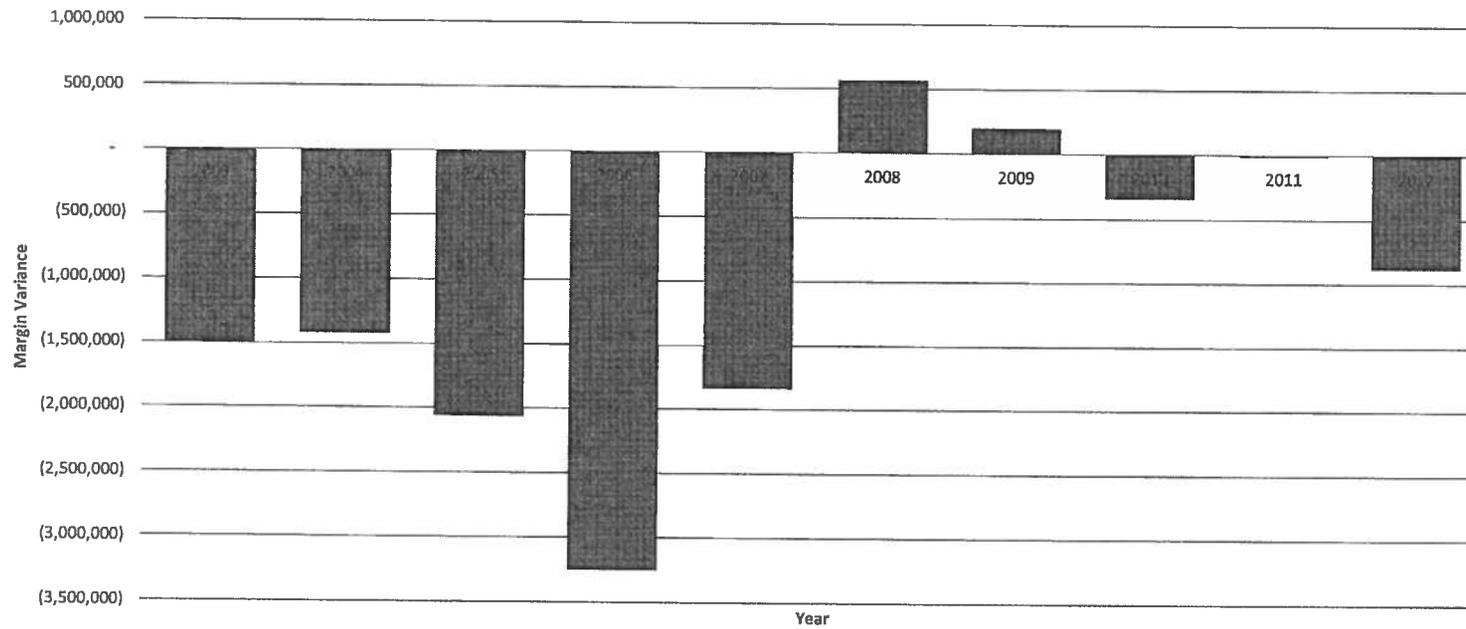
Response:

Please refer to the Attachment hereto.

Average Annual Use per Customer
GSR/SVGTS Rate Schedules



**Non-Gas Base Revenue Impact from Current Volumetric Delivery Charges
GSR/SVGTS Rate Schedules**



Columbia Gas of Kentucky, Inc.
 Non-Gas Base Revenue Impact from Current Volumetric Delivery Charges - GSR/SVGTS Rate Schedules
 For Years 2003 - 2012

Attachment RAF-5
 Page 2 of 2
 Witness: R.A. Feingold

| | Jan-Feb <u>2003</u> | Mar-Dec <u>2003</u> | <u>2004</u> | <u>2005</u> | <u>2006</u> | Jan-Aug <u>2007</u> | Sep-Dec <u>2007</u> | <u>2008</u> | Jan-Oct <u>2009</u> | Nov-Dec <u>2009</u> | <u>2010</u> | <u>2011</u> | <u>2012</u> |
|---------------------------|------------------------|------------------------|---------------|---------------|---------------|------------------------|------------------------|---------------|------------------------|------------------------|---------------|---------------|---------------|
| Year End Customers | 127,932 | 127,932 | 127,072 | 126,412 | 125,429 | 124,953 | 124,953 | 123,724 | 122,053 | 122,053 | 121,780 | 120,681 | 120,446 |
| UPC Baseline | 98.2 | 85.4 | 84.4 | 84.4 | 84.4 | 84.4 | 69.2 | 69.2 | 69.2 | 70.8 | 70.8 | 70.8 | 70.8 |
| UPC Normalized | <u>81.2</u> | <u>81.2</u> | <u>78.4</u> | <u>75.7</u> | <u>70.5</u> | <u>71.5</u> | <u>71.5</u> | <u>71.6</u> | <u>70.3</u> | <u>70.3</u> | <u>69.3</u> | <u>70.7</u> | <u>66.9</u> |
| Increase / (Decrease) UPC | (16.95) | (4.15) | (5.98) | (8.72) | (13.86) | (12.92) | 2.28 | 2.44 | 1.13 | (0.47) | (1.49) | (0.08) | (3.91) |
| Rate / Mcf | <u>1.8715</u> | <u>1.8715</u> | <u>1.8715</u> | <u>1.8715</u> | <u>1.8715</u> | <u>1.8715</u> | <u>1.8715</u> | <u>1.8715</u> | <u>1.8715</u> | <u>1.8715</u> | <u>1.8715</u> | <u>1.8715</u> | <u>1.8715</u> |
| Increase / (Decrease) | (676,560) | (828,937) | (1,422,535) | (2,063,136) | (3,253,781) | (2,014,876) | 177,400 | 565,005 | 215,397 | (17,833) | (340,071) | (17,984) | (881,163) |

Increase / (Decrease) Summary By Year

| | <u>2003</u> | <u>2004</u> | <u>2005</u> | <u>2006</u> | <u>2007</u> | <u>2008</u> | <u>2009</u> | <u>2010</u> | <u>2011</u> | <u>2012</u> |
|-----------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Increase / (Decrease) | (1,505,497) | (1,422,535) | (2,063,136) | (3,253,781) | (1,837,476) | 565,005 | 197,563 | (340,071) | (17,984) | (881,163) |

**COLUMBIA GAS OF KENTUCKY, INC.
RESPONSE TO ATTORNEY GENERAL'S FIRST
REQUEST FOR INFORMATION
DATED JULY 19, 2013**

306. With regard to Attachment RAF-4, the reduction in average use per customer between 2011 and 2012 is larger than any other change since the 2005 to 2006 change. Please explain any known reasons for this large change in usage between 2011 and 2012.

Response:

The weather in the service territory was warm for the first half of the year which contains about 70% of the annual consumption. When extended warm periods occur in the spring months, customer response to weather decreases. In fact, some customers turn off furnaces during warm periods. As the table shows, April was 44% warmer than normal and this month accounted for about half of the decrease.

Columbia Gas of Kentucky

| | HDD Actual | HDD Normal | Difference |
|-----|---------------|---------------|------------|
| Jan | 859 | 981 | -12% |
| Feb | 774 | 909 | -15% |
| Mar | 544 | 710 | -23% |
| Apr | 247 | 440 | -44% |
| May | 168 | 197 | -15% |
| Jun | 32 | 52 | -38% |
| | 2624 | 3289 | -20% |

KY PSC Case No. 2013-00167
Response to AG's Data Request Set One No. 307
Respondent: Russell A. Feingold

**COLUMBIA GAS OF KENTUCKY, INC.
RESPONSE TO ATTORNEY GENERAL'S FIRST
REQUEST FOR INFORMATION
DATED JULY 19, 2013**

307. With regard to the Direct Testimony of Mr. Feingold, Page 62, Lines 15-17, please provide all source documents supporting the statement that "as of May 2013 there were twenty-one (21) states that have approved revenue decoupling, and five (5) additional states that have approved SFV rate design."

Response:

Please see the attachment hereto .

Approved Revenue Decoupling – Gas Utilities

| Utility | State | Year Approved |
|------------------------------------|-------|---------------|
| Arkansas Oklahoma Gas | AR | 2007 |
| Arkansas Western Gas | AR | 2007 |
| CenterPoint Energy | AR | 2007 |
| Southwest Gas | AZ | 2012 |
| Pacific Gas and Electric | CA | 2002 |
| San Diego Gas and Electric | CA | 2002 |
| Southern California Gas | CA | 2002 |
| Southwest Gas | CA | 2002 |
| North Shore Gas Company | IL | 2008 |
| Peoples Gas Light and Coke Company | IL | 2008 |
| Citizens Energy Group | IN | 2007 |
| Vectren Indiana Gas | IN | 2006 |
| Vectren Southern Indiana G&E | IN | 2006 |

Approved Revenue Decoupling – Gas Utilities

| Utility | State | Year Approved |
|---|-------|---------------|
| Boston Gas and Colonial Gas | MA | 2010 |
| Columbia Gas of Massachusetts (Bay State Gas) | MA | 2009 |
| Fitchburg Gas and Electric | MA | 2011 |
| New England Gas | MA | 2010 |
| Baltimore Gas and Electric | MD | 1998 |
| Washington Gas Light | MD | 2005 |
| Integrus Michigan Gas Utilities | MI | 2010 |
| DTE Energy (Michigan Consolidated Gas) | MI | 2010 |
| CenterPoint Minnesota Gas | MN | 2008 |
| Minnesota Energy Resources | MN | 2012 |
| Piedmont Natural Gas | NC | 2005 |
| Public Service Co. of North Carolina | NC | 2008 |
| New Jersey Natural Gas | NJ | 2006 |

Approved Revenue Decoupling – Gas Utilities

| Utility | State | Year Approved |
|---|-------|---------------|
| South Jersey Gas | NJ | 2006 |
| Southwest Gas | NV | 2009 |
| Central Hudson Gas & Electric | NY | 2009 |
| Consolidated Edison of New York | NY | 2007 |
| Corning Gas | NY | 2009 |
| National Fuel Gas Distribution | NY | 2007 |
| National Grid Long Island (Keyspan Gas) | NY | 2009 |
| National Grid New York (Brooklyn Union Gas) | NY | 2009 |
| National Grid Niagara Mohawk | NY | 2009 |
| New York State Electric & Gas Corporation | NY | 2010 |
| Orange and Rockland Utilities | NY | 2009 |
| Rochester Gas and Electric | NY | 2009 |
| St. Lawrence Gas | NY | 2009 |

Approved Revenue Decoupling – Gas Utilities

| Utility | State | Year Approved |
|----------------------------|-------|---------------|
| Cascade Natural Gas | OR | 2006 |
| Northwest Natural Gas | OR | 2002 |
| National Grid Narragansett | RI | 2012 |
| Chattanooga Gas | TN | 2010 |
| Questar Gas Company | UT | 2006 |
| Columbia Gas of Virginia | VA | 2009 |
| Virginia Natural Gas | VA | 2006 |
| Washington Gas Light | VA | 2010 |
| Avista Corp. | WA | 2006 |
| Cascade Natural Gas | WA | 2006 |
| Wisconsin Public Service | WI | 2008 |
| Questar Gas Company | WY | 2009 |
| SourceGas | WY | 2011 |

Approved SFV Rate Design – Gas Utilities

| Utility | State | Year Approved |
|----------------------|-------|---------------|
| AGL Resources | GA | 2001 |
| Missouri Gas Energy | MO | 2007 |
| Atmos Energy | MO | 2007 |
| Xcel Energy | ND | 2005 |
| Columbia Gas of Ohio | OH | 2008 |
| Dominion East Ohio | OH | 2008 |
| Vectren Ohio | OH | 2008 |
| Duke Energy | OH | 2008 |
| Oklahoma Natural Gas | OK | 2005 |

Data compiled from American Gas Association industry presentations and verified/supplemented by Black & Veatch Corporation through periodic review of gas utility tariffs and utility regulatory decisions.