Jeff DeRouen, Executive Director<br>Public Service Commission of Kentucky<br>211 Sower Boulevard<br>P.O. Box 615<br>Frankfort, Kentucky 40601

September 30, 2013

Louisville Gas and
Electric Company
State Regulation and Rates 220 West Main Street

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Louisville, Kentucky 40232
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## Re: Louisville Gas and Electric Company Gas Supply Clause Effective November 1, 2013

Dear Mr. DeRouen:


Pursuant to the provisions of the Company's Gas Supply Clause as authorized . WE by the Commission, we file herewith an original and ten copies of the Fourth Revision of Original Sheet No. 85 of LG\&E Tariff PSC Gas No. 9 setting forth a Gas Supply Cost Component of 51.737 cents per 100 cubic feet applicable to all gas sold during the period of November 1, 2013 through January 31, 2014. In addition, we file herewith a corresponding number of copies of "Supporting Calculations for the Gas Supply Clause."

Also enclosed herewith is a summary of our gas service rates effective for the period of November 1, 2013 through January 31, 2014. LG\&E has also enclosed a summary of our gas service rates effective November 1, 2013 in a new format. All of the factors continue to be calculated in the same manner, however, historical information has been eliminated from Exhibit B and Exhibit C and some of the exhibits have been expanded and reformatted. LG\&E offers this new format to improve the transparency and clarity of its Supporting Calculations for the Gas Supply Clause. In subsequent filings for the Gas Supply Clause, LG\&E will be utilizing this new format. Should you have any questions related to the new format, please let me know.

Jeff DeRouen, Executive Director
Public Service Commission of Kentucky
September 30, 2013

Furthermore, we are filing a petition to seek confidentiality with respect to the names of natural gas suppliers otherwise shown on Exhibit B-1, Pages 5 of 6 and 6 of 6 .

This filing represents expected gas costs for the three-month period November 1, 2013 through January 31, 2014. The Gas Cost Actual Adjustment (GCAA) and the Gas Cost Balance Adjustment (GCBA) levels are changed from the levels that were implemented on August 1, 2013. These adjustment levels will remain in effect from November 1, 2013 through January 31, 2014.

We respectfully request your acceptance of this filing which we believe is in full compliance with the provisions of the LG\&E Gas Supply Clause approved by the Kentucky Public Service Commission.

Sincerely,


Enclosures
-
-

## Louisville Gas and Electric Company

P.S.C. Gas No. 9, Fourth Revision of Original Sheet No. 85

Canceling P.S.C. Gas No. 9, Third Revision of Original Sheet No. 85 GSC
Gas Supply Clause

## Adjustment Clause

APPLICABLE TO
All gas sold.

## GAS SUPPLY COST COMPONENT (GSCC)

| Gas Supply Cost | $\$ 0.47704$ | R |
| :--- | :---: | :---: |
| Gas Cost Actual Adjustment (GCAA) | 0.02782 | R |
| Gas Cost Balance Adjustment (GCBA) | R |  |
| Refund Factors (RF) continuing for twelve <br> months from the effective date of each or <br> until Company has discharged its refund <br> obligation thereunder: |  |  |


| Refund Factor Effective August 1, 2012 |  |
| :--- | :--- |
| Refund Factor Effective November 1, 2012 | 0.00000 |
| Refund Factor Effective February 1, 2013 | 0.00000 |
| Refund Factor Effective May 1, 2013 | 0.00000 |
| Total Refund Factor | 0.00000 |

Performance-Based Rate Recovery Component (PBRRC) 0.01293

Date Effective: November 1, 2013
Issued By: /s/Edwin R. Staton, Vice President State Regulation and Rates Louisville, Kentucky

## Issued by Authority of an Order of the

 Public Service Commission in Case No. dated $\qquad$
# LOUISVILLE GAS AND ELECTRIC COMPANY 

## Supporting Calculations For The

Gas Supply Clause

2013-00xxx

## For the Period <br> November 1, 2013 through January 31, 2014

## LOUISVILLE GAS AND ELECTRIC COMPANY

Derivation of Gas Supply Component Applicable to Service Rendered On and After November 1, 2013

2013-000xx

|  | Gas Supply Cost - See Exhibit A for Detail |  |
| :--- | :---: | :---: |
| Description | Unit |  |
|  |  |  |
| Total Expected Gas Supply Cost | $\$$ | $67,864,976$ |
| Total Expected Customer Deliveries: November 1,2013 through January 31, 2014 | Mcf | $14,226,246$ |
| Gas Supply Cost Per Mcf | $\$ / \mathrm{Mcf}$ | 4.7704 |
| Gas Supply Cost Per 100 Cubic Feet |  | Ccf |


| Description |  |  | Unit | Amount |
| :---: | :---: | :---: | :---: | :---: |
| Current Quarter Actual Adjustment | Eff. November 1, 2013 | (Case No. 2013-00126) | $\phi / \mathrm{Ccf}$ | (0.138) |
| Previous Quarter Actual Adjustment | Eff. August 1, 2013 | (Case No. 2012-00591) | $\phi / \mathrm{Ccf}$ | 1.294 |
| 2nd Previous Qrt. Actual Adjustment | Eff. May 1, 2013 | (Case No. 2012-00446) | $\phi / \mathrm{Ccf}$ | 1.691 |
| 3rd Previous Qrt. Actual Adjustment | Eff. February 1, 2013 | (Case No. 2012-00286) | $\phi / \mathrm{Ccf}$ | (0.065) |
| Total Gas Cost Actual Adjustment (GCAA) |  |  | $\phi / \mathrm{Ccf}$ | 2.782 |


| Description | Unit | Amount |
| :---: | :---: | :---: |
| Balance Adjustment Amount | \$ | 59,676 |
| Total Expected Customer Deliveries: November 1, 2013 through January 31, 2014 | Mcf | 14,226,246 |
| Gas Cost Balance Adjustment (GCBA) Per Mcf | \$/Mcf | (0.0042) |
| Gas Cost Balance Adjustment (GCBA) Per 100 Cubic Feet | $\phi / \mathrm{Ccf}$ | (0.042) |


| Description |  | Unit | Amount |
| :---: | :---: | :---: | :---: |
| Refund Factor Effective: |  |  |  |
| Current Quarter Refund Factor | Eff. November 1, 2013 | \$/Ccf | 0.000 |
| 1st Previous Quarter Refund Factor | Eff. August 1, 2013 | ¢/Ccf | 0.000 |
| 2nd Previous Quarter Refund Factor | Eff. May 1, 2013 | ¢/Ccf | 0.000 |
| 3rd Previous Quarter Refund Factor | Eff. February 1, 2013 | \$/Ccf | 0.000 |
| Total Refund Factors Per 100 Cubic Feet |  | ¢/Ccf | 0.000 |

Performance-Based Rate Recovery Component (PBRRC) - See Exhibit E for Detail

| Description | Unit | Amount |  |
| :--- | :--- | :--- | :--- |
| Performance-Based Rate Recovery Component (PBRRC) | $\not / C c f$ | 1.293 |  |
| Total of PBRRC Factors Per 100 Cubic Feet |  | $\phi / C c f$ | -1.293 |

Gas Supply Cost Component (GSCC) Effective November 1, 2013 through January 31, 2014

| Description | Unit | Amount |
| :---: | :---: | :---: |
| Gas Supply Cost | ¢/Ccf | 47.704 |
| Gas Cost Actual Adjustment (GCAA) | ¢/Ccf | 2.782 |
| Gas Cost Balance Adjustment (GCBA) | ¢/Ccf | (0.042) |
| Refund Factors (RF) | ¢/Ccf | 0.000 |
| Perfomance-Based Rate Recovery Component (PBRRC) | ¢/Ccf | 1.293 |
| Total Gas Supply Cost Component (GSCC) | $¢ / \mathrm{Ccf}$ | 51.737 |

For The Three-Month Period From November 1, 2013 through January 31, 2014

| MMBtu | November | December | January | November ' 13 thru January ' 14 |
| :---: | :---: | :---: | :---: | :---: |
| Expected Gas Supply Transported Under Texas' No-Notice Service (Forward Haul) | 1,373,301 | 1,740,357 | 1,656,409 | 4,770,067 |
| Expected Gas Supply Transported Under Texas' No-Notice Service (Backward Haul) | 0 | 0 | 1656,0 | 0 |
| Expected Gas Supply Transported Under Texas' Rate FT (Foward Haul) | 300,000 | 310,000 | 310,000 | 920,000 |
| Expected Gas Supply Transported Under Texas' Rate FT (Backward Haul) | 0 | O | O | 0 |
| Expected Gas Supply Transported Under Texas' Rate STF (Forward Haul) | 0 | 0 | 0 | 0 |
| Expected Gas Supply Transported Under Texas' Rate STF (Backward Haul) | 0 | 0 | 0 | 0 |
| Expected Gas Supply Transported Under Tenn's Rate FT-A (Zone 0) | 600,000 | 620,000 | 620,000 | 1,840,000 |
| Total MMBtu Purchased | 2,273,301 | 2,670,357 | 2,586,409 | 7,530,067 |
| Pus. Withdrawals from Texas Gas' NNS Storage Service | 361,620 | 727,648 | 636,730 | 1,725,998 |
| Less. Injections into Texas Gas' NNS Storage Service | 0 | 0 | 0 | 1, 0 |
| Expected Monthly Deliveries from TGT/TGPL to LG\&E (excluding transportation volumes under LG\&E Rate TS) | 2,634,921 | 3,398,005 | 3,223,139 | 9,256,065 |
| Mcf |  |  |  |  |
| Total Purchases in Mcf | 2,217,855 | 2,605,226 | 2.523.326 |  |
| Plus. Withdrawals from Texas Gas' NNS Storage Service | 352,800 | 709,900 | 621,200 |  |
| Less. Injections Texas Gas NNS Storage Service | 0 | 0 | 0 |  |
| Expected Monthly Deliveries from TGT/TGPL to LG\&E (excluding transportation volumes under LG\&E Rate TS) | 2,570,655 | 3,315,126 | 3,144,526 |  |
| Plus: Customer Transportation Volumes under Rate TS | 8.249 | 9.008 | 10.073 |  |
| Total Expected Monthly Deliveries from TGT/TGPL to LG\&E (Line $15+$ Line 16) | 2,578,904 | 3,324,134 | 3,154,599 |  |
| Less: Purchases for Depts. Other Than Gas Dept. | 886 | 1.018 | 3,407 |  |
| Less: Purchases injected into LG\&E's Underground Storage | 252,173 | 0 | 0 |  |
| Mcf Purchases Expensed during Month (Line 15 - Line 18 -Line 19) | 2,317,596 | 3,314,108 | 3,141,119 | 8,772,823 |
| LG\&E's Storage Inventory - Beginning of Month | 14,290,001 | 13,750,001 | 11,610,001 |  |
| Plus: Storage Injections into LG\&E's Underground Storage (Line 19) | 252,173 | 0 | 0 |  |
| LG\&E's Storage inventory - Including Injections | 14,542.174 | 13,750,001 | 11,610,001 |  |
| Less: Storage Withdrawais from LG\&E's Underground Storage | 740,000 | 2.090,622 | 3,224,701 | 6,055,323 |
| Less: Storage Losses | 52.173 | 49,378 | 45,299 | 146,850 |
| LG\&E's Storage Inventory - End of Month | 13,750,001 | 11,610,001 | 8,340,001 |  |
| Mcf of Gas Supply Expensed during Month (Line $20+$ Line $24+$ Line 25) | 3,109,769 | 5,454,108 | 6,411,119 | 14,974,996 |
| Cost |  |  |  |  |
| Total Demand Cost - Including Transportation (Line $17 \times$ Line 52) | \$1,965,383 | \$2,533,323 | \$2,404,120 |  |
| Less: Demand Cost Recovered thru Rate TS (Line $16 \times$ Line 52) | 6,287 | 6,865 | 7,677 |  |
| Demand Cost - Net of Demand Costs Recovered thru LG\&E Rate TS | \$1,959,096 | \$2,526,458 | \$2,396,443 |  |
| Commodity Costs - Gas Supply Under NNS (Forward Haul) (Line $1 \times$ Line 53) | 5,269,768 | 6,986,315 | 6,813,141 |  |
| Commodily Costs - Gas Supply Under NNS (Backward Haul) (Line $2 \times$ Line 54) | 0 | 0 | 0 |  |
| Commodity Costs - Gas Supply Under Rale FT (Forward Haul) (Line $3 \times$ Line 55) | 1,128,840 | 1,220,842 | 1,251,253 |  |
| Commodity Costs - Gas Supply Under Rate FT (Backward Haul) (Line $4 \times$ Line 56) | 0 | 0 | 0 |  |
| Commodity Costs - Gas Supply Under Rate STF (Forward Haul) (Line $5 \times$ Line 57) | 0 | 0 | 0 |  |
| Commodity Costs - Gas Supply Under Rate STF (Backward Haul) (Line $6 \times$ Line 58) | 0 | 0 | 0 |  |
| Commodity Costs - Gas Supply Under Rate FT-A Zone 0 (Line $7 \times$ Line 59) | 2,224,800 | 2,406,964 | 2,467,290 |  |
| Total Purchased Gas Cost | \$10,582,504 | \$13,140,579 | \$12,928,127 | \$36,651,210 |
| Plus: Withdrawals from NNS Storage (Line $9 \times$ Line 53) | 1,387,644 | 2,920,997 | 2,618,998 | 6,927,639 |
| Less: Purchases injected into NNS Storage (Line $10 \times$ Line 53) | 0 | 0 | 0 | 6, 0 |
| Total Cost of Gas Delivered to LG\&E | \$11,970,148 | \$16,061,576 | \$15,547,125 | \$43,578,849 |
| Less. Purchases for Depts. Other Than Gas Dept.(Line $18 \times$ Line 60) | 4,126 | 4,932 | 16,845 | 25,903 |
| Less: Purchases Injected into LG\&E's Storage (Line $19 \times$ Line 60) | 1,174,233 | 0 | $\bigcirc$ | 1,174,233 |
| Pipeline Deliveries Expensed During Month | \$10,791,789 | \$16,056,644 | \$15,530,280 | \$42,378,713 |
| LG\&E's Storage Inventory - Beginning of Month | \$58,583,288 | \$56,502,244 | \$47,708,342 |  |
| Plus: LG\&E Storage injections (Line 43 above) | 1,174,233 | 0 | - 0 |  |
| LG\&E's Storage inventory - Including Injections | \$59,757,521 | \$56,502,244 | \$47,708,342 |  |
| Less LG\&E Storage Withdrawals (Line $24 \times$ Line 61) | 3,040,882 | 8,590,993 | 13,250,941 | \$24,882,816 |
| Less: LG\&E Storage Losses (Line $25 \times$ Line 61) | 214,395 | 202,909 | 186,143 | 603,447 |
| LG\&E's Storage Inventory - End of Month | \$56,502,244 | \$47,708,342 | \$34,271,258 |  |
| Gas Supply Expenses (Line $44+$ Line $48+$ Line 49) | \$14,047,066 | \$24,850,546 | \$28,967,364 | \$67,864,976 |
| Unit Cost |  |  |  |  |
| 12-Month Average Demand Cost - per Mcf (see Page 2) | \$0.7621 | \$0.7621 | \$0.7621 |  |
| Commodily Cost (per MMBtu) under Texas Gas's No-Notice Service (Forward Haul) | \$3.8373 | \$4.0143 | \$4.1132 |  |
| Commodity Cost (per MMBtu) under Texas Gas's No-Notice Service (Backward Haul) | \$3.9685 | \$4.1455 | \$4.2444 |  |
| Commodity Cost (per MMBtu) under Texas Gas's Rate FT (Forward Haul) | \$3.7628 | \$3.9382 | \$4.0363 |  |
| Commodity Cost (per MMBtu) under Texas Gas's Rate FT (Backward Haul) | \$3.7555 | \$3.9255 | \$4.0205 |  |
| Commodity Cost (per MMBtu) under Taxs Gas's Rate STF (Forward Haul) | \$3.7628 | \$3.9382 | \$4 0363 |  |
| Commodity Cost (per MMBiu) under Taxs Gas's Rate STF (Backward Haul) | \$3.7892 | \$3,9592 | \$4.0542 |  |
| Commodity Cost (per MMBtu) under Tenn. Gas's Rate FT-A (Zone 0) | \$3.7080 | \$38822 | \$39795 |  |
| Average Cost of Deliveries (Line 41 / Line 15) | \$46565 | \$4.8449 | \$4.9442 |  |
| Average Cost of Inventory - Including Injections (Line 47 / Line 23) | 54.1093 | \$4.1093 | \$4.1092 |  |
| Gas Supply Cost |  |  |  |  |
| Total Expected Mcf Deliveries (Sales) to Customers (November 1, 2013 through January 31, 2014) |  |  |  | 14,226,246 Mcf |
| Current Gas Supply Cost (Line 51 / Line 62) |  |  |  | \$4.7704 / Mc |

## LOUISVILLE GAS AND ELECTRIC COMPANY

Calculation Of The Average Demand Cost Per Mcf Applicable To For The Three-Month Period From November 1, 2013 through January 31, 2014

| Demand Billings: |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Texas Gas No-Notice Service (Rate NNS) Monthly Demand Charge | $($ | \$12.7104 | x | 119,913 | MMBtu) $\times 12$ | \$18.289,706 |
| Texas Gas Firm Transportation (Rate FT) Monthly Demand Charge | ( | $\$ 5.4329$ | $x$ | 10,000 | MMBEt ) $\times 12$ | 651,948 |
| Texas Gas Firm Transportation (Rate STF) Monthly Demand Charge | ( | \$6.2427 | $x$ | 10,500 | MMBtu) $\times 12$ | 786,580 |
| Tenn. Gas Firm Transportation (Rate FT-A) Monthly Demand Charge | ( | \$8.2134 | x | 20,000 | MMBtu) $\times 12$ | 1,971,216 |
| Long-Term Firm Contracts with Suppliers (Annualized) |  |  |  |  |  | 3,014,551 |
| ANNUAL DEMAND COStS |  |  |  |  |  | \$24,714,001 |
| Expected Annual Deliveries from Pipeline Transporters (Including Transportation Under Rider TS) - <br> MMBtu |  |  |  |  |  | 33,239,146 |
|  |  |  |  |  |  | 3,230,14 |
| Expected Annual Deliveries from Pipeline Transporters (Including Transportation Under Rider TS) - |  |  |  |  |  | 32,428,435 |
| average demand cost per mcf |  |  |  |  |  | \$0.7621 |

Pipeline Supplier's Demand Component Applicable to Billings
Under LG\&E's Gas Transportation Service/Standby - Rider TS For The Three-Month Period From November 1, 2013 through January 31, 2014
Pipeline Supplier's Demand Component per Mcf

Refund Factor for Demand Portion of
Refund (see Exhibit D)
Performance Based Rate Recovery
Component (see Exhibit E)

Pipeline Supplier's Demand Component per Mcf - Applicable to Rider TS Transportation $\quad$| 0.8758 |
| :---: |

Daily Demand Charge Component of Utilization Charge For Daily Imbalances under Rate FT and Rider PS-FT

| Design Day Requirements (in Mcf) | 445,164 |
| :--- | :--- |

(Annual Demand Costs / Design Day Requirements / 365 Days) - 100\% Load Factor Rate

# LOUISVILLE GAS AND ELECTRIC COMPANY 

Gas Supply Clause: 2013-00XXX
Gas Supply Cost Effective November 1, 2013

LG\&E is served by Texas Gas Transmission, LLC ("TGT") pursuant to the terms of the transportation agreements under Rate Schedules NNS-4, FT-4, and STF-4. LG\&E is served by Tennessee Gas Pipeline Company, LLC ("TGPL") pursuant to the terms of a transportation agreement under Rate Schedule FT-A-2. Both TGT and TGPL are subject to regulation by the Federal Energy Regulatory Commission ("FERC").

## Texas Gas Transmission, LLC

## Texas Gas's No-Notice Service (NNS-4)

On August 1, 2013, TGT submitted tariff sheets to the FERC in Docket No. RP13-1163 to comply with FERC's Order No. 776 issued March 21, 2013, eliminating the annual filing requirements for natural gas pipelines that utilize an annual charge adjustment ("ACA") clause to recover Commission-assessed annual charges. Order No. 776 requires pipelines that utilize an ACA clause to make a compliance filing to delete specific references to the currently effective ACA charge and instead incorporate by reference into their tariffs the ACA unit charge specified in the annual notice issued by FERC and posted on its website. Effective October 1, 2013, the ACA charge is $\$ 0.0012 / \mathrm{MMBtu}$. TGT did not otherwise modify its existing rates or otherwise affect the rights or duties of customers.

Attached hereto as Exhibit A-1(a), Page 1, is the tariff sheet for No-Notice Service under Rate NNS-4 which will be applicable on and after November 1, 2013. The tariffed rates are as follows: (a) a daily demand charge of $\$ 0.4190 / \mathrm{MMB}$ tu, and (b) a commodity charge of $\$ 0.0626 / \mathrm{MMBtu}$ irrespective of the zone of receipt.

LG\&E has negotiated rate agreements applicable to all three NNS service agreements that result in a monthly demand charge of $\$ 12.7104 / \mathrm{MMB}$ tu and a volumetric throughput charge ("commodity charge") of $\$ 0.0626 / \mathrm{MMBtu}$ irrespective of the zone of receipt.

## Texas Gas's Firm Transportation Service (FT-4)

On August 1, 2013, TGT submitted tariff sheets to the FERC in Docket No. RP13-1163 to comply with FERC's Order No. 776 issued March 21, 2013, eliminating the annual filing requirements for natural gas pipelines that utilize an annual charge adjustment ("ACA") clause to recover Commission-assessed annual charges. Order No. 776 requires pipelines that utilize an ACA clause to make a compliance filing to delete specific references to the currently effective ACA charge and instead incorporate by reference into their tariffs the ACA unit charge specified
in the annual notice issued by FERC and posted on its website. Effective October 1, 2013, the ACA charge is $\$ 0.0012 / \mathrm{MMBtu}$. TGT did not otherwise modify its existing rates or otherwise affect the rights or duties of customers.

Attached hereto as Exhibit A-1(a), Pages 2 and 3, are the tariff sheets for transportation service under Rate FT-4 which will be applicable on and after November 1, 2013. Page 2 contains the tariff sheet which sets forth the TGT daily demand charges. Page 3 contains the tariff sheet which sets forth the commodity charges. The tariffed rates are as follows: (a) a daily demand charge of $\$ 0.3142 / \mathrm{MMBtu}$, (b) a commodity charge applicable to transportation from Zone 1 to Zone 4 of $\$ 0.0520 / \mathrm{MMBtu}$, and (c) a commodity charge applicable to transportation from Zone 4 to Zone 4 of $\$ 0.0372 / \mathrm{MMBtu}$.

LG\&E has negotiated rate agreements that result in a monthly demand charge of $\$ 5.4329 / \mathrm{MMBtu}$, an annual volumetric throughput charge ("commodity charge") of $\$ 0.0212 / \mathrm{MMBtu}$ applicable to transportation from Zone 1 to 4 , and an annual volumetric throughput charge ("commodity charge") of $\$ 0.0035 / \mathrm{MMBtu}$ applicable to transportation from Zone 4 to 4 .

## Texas Gas's Short-Term Firm Service (STF-4)

On August 1, 2013, TGT submitted tariff sheets to the FERC in Docket No. RP13-1163 to comply with FERC's Order No. 776 issued March 21, 2013, eliminating the annual filing requirements for natural gas pipelines that utilize an annual charge adjustment ("ACA") clause to recover Commission-assessed annual charges. Order No. 776 requires pipelines that utilize an ACA clause to make a compliance filing to delete specific references to the currently effective ACA charge and instead incorporate by reference into their tariffs the ACA unit charge specified in the annual notice issued by FERC and posted on its website. Effective October 1, 2013, the ACA charge is $\$ 0.0012 / \mathrm{MMBtu}$. TGT did not otherwise modify its existing rates or otherwise affect the rights or duties of customers.

Attached hereto as Exhibit A-1 (a), Page 4, is the sheet for Short-Term Firm Service under Rate STF-4 which will be applicable on and after November 1, 2013. The tariffed rates are as follows: for the winter season, (a) a daily demand charge of $\$ \$ 0.4701 / \mathrm{MMBtu}$, (b) a commodity charge of $\$ 0.0520 / \mathrm{MMBtu}$ applicable to transportation from Zone 1 to 4 ; and (c) a commodity charge of $\$ 0.0372 / \mathrm{MMBtu}$ applicable to transportation from Zone 4 to 4 ; and for the summer season, (a) a daily demand charge of $\$ 0.2042 / \mathrm{MMBtu}$, and (b) a commodity charge of $\$ 0.0520$ applicable to transportation from Zone 1 to 4 ; and (c) a commodity charge of $\$ 0.0372$ applicable to transportation from Zone 4 to 4 .

LG\&E has negotiated rate agreements that result in the following charges: a weighted-average monthly demand charge of $\$ 6.2427 / \mathrm{MMBtu}$; and for summer season deliveries up to 18,000 MMBtu/day a summer season commodity rate of $\$ 0.0520 / \mathrm{MMBtu}$ applicable to transportation from Zone 1 to 4; and for summer season deliveries in excess of $18,000 \mathrm{MMBtu}$ /day a summer season commodity rate of $\$ 0.0372 / \mathrm{MMBtu}$ applicable to transportation from Zone 4 to 4 .

## Tennessee Gas Pipeline Company, LLC

On August 1, 2013, TGPL submitted tariff sheets to the FERC in Docket No. RP13-1196 to comply with FERC's Order No. 776 issued March 21, 2013, eliminating the annual filing requirements for natural gas pipelines that utilize an annual charge adjustment ("ACA") clause to recover Commission-assessed annual charges. Order No. 776 requires pipelines that utilize an ACA clause to make a compliance filing to delete specific references to the currently effective ACA charge and instead incorporate by reference into their tariffs the ACA unit charge specified in the annual notice issued by FERC and posted on its website. Effective October 1, 2013, the ACA charge is $\$ 0.0012 / \mathrm{MMBtu}$. TGPL did not otherwise modify its existing rates or otherwise affect the rights or duties of customers.

## TGPL's Firm Transportation Service (FT-A-2)

Attached hereto as Exhibit A-1 (a), Pages 5, and 6, are the tariff sheet for transportation service under Rate FT-A, which will be applicable on and after November 1, 2013. Page 5 contains the tariff sheet which sets forth the monthly demand charges and Page 6 contains the tariff sheet which sets forth the commodity charges. The tariffed rates are as follows for deliveries from Zone 0 to Zone 2: (a) a monthly demand charge of $\$ 16.3405 / \mathrm{MMBtu}$, and (b) a commodity charge of $\$ 0.0379 / \mathrm{MMBtu}$.

LG\&E has negotiated rate agreements that result in a monthly demand charge of $\$ 8.2134 / \mathrm{MMBtu}$ and an annual commodity rate of $\$ 0.0379 / \mathrm{MMB}$ u for deliveries from Zone 0 to Zone 2.

## Gas Supply Costs

The New York Mercantile Exchange ("NYMEX") natural gas futures prices as of September 26, 2013, are $\$ 3.567 / \mathrm{MMBtu}$ for November, $\$ 3.751 / \mathrm{MMBtu}$ for December, and $\$ 3.853 / \mathrm{MMBtu}$ for January. The average of the NYMEX close and the six preceding trading days has been used as a general price indicator.

The wholesale natural gas market is not price-regulated and is subject to the forces of supply and demand, as well as psychological factors that can affect the market. Among the forces that are presumably affecting the price of natural gas are:

- National gas storage inventories are $5 \%$ lower compared to the same period one year ago; ${ }^{1}$
- Economic recovery could boost the demand for natural gas in the industrial sector;
- Fuel switching from coal to gas could boost natural gas prices by increasing demand;
- New domestic supplies from unconventional shale gas plays are impacting the marketplace;
- New pipeline infrastructure is being developed to deliver natural gas supplies to the marketplace;
- Imports or exports of LNG could impact the supply and demand for natural gas;
- Gas-fired electric generation loads could boost weather-driven demand for natural gas; and
- Gas supply disruptions could boost prices.

Traditionally, LG\&E has purchased gas in the Gulf production areas (both onshore and offshore, including Louisiana, Texas, and Arkansas) and used its interstate pipeline capacity to deliver that gas by forwardhaul to its gas distribution system in Kentucky. Due to the increasing availability of gas supplies outside of the traditional production areas, LG\&E is able to supplement traditional forwardhaul transportation of natural gas purchased in the Gulf with gas purchased at the terminus of Texas Gas's system at Lebanon, Ohio (which is north of LG\&E's system). Gas purchased at the terminus of Texas Gas's system can be delivered to LG\&E's system by displacement using backhaul capabilities in LG\&E's existing interstate pipeline capacity.

During the three-month period under review, November 1, 2013, through January 31, 2014, LG\&E estimates that its total purchases will be $9,256,065 \mathrm{MMBtu}$ LG\&E expects that 6,496,065 MMBtu will be met with deliveries from TGT's pipeline service under Rate NNS ( $4,770,067$ MMBtu in pipeline forwardhaul deliveries plus $1,725,998$ MMBtu in net storage injections); $920,000 \mathrm{MMBtu}$ will be met from forwardhaul and backhaul deliveries under TGT's pipeline service under Rate FT; 0 MMBtu will be met from forwardhaul and backhaul deliveries under TGT's pipeline service under Rate STF; $1,840,000 \mathrm{MMBtu}$ will be met from deliveries under TGPL's pipeline service under Rate FT-A from Zone 0.

The average commodity cost of gas purchased from gas suppliers by LG\&E and delivered to TGT under the forwardhaul NNS service is expected to be $\$ 3.6260$ per MMBtu in November 2013, $\$ 3.7960$ in December 2013, and $\$ 3.8910$ in January 2014. The average commodity cost of gas purchased from gas suppliers by LG\&E and delivered to TGT under the backhaul NNS service is expected to be $\$ 3.7520$ per MMBtu in November 2013, $\$ 3.9220$ in December 2013, and $\$ 4.0170$ in January 2014. The average commodity cost of gas purchased from gas suppliers

[^0]by LG\&E and delivered to TGT under the forwardhaul FT service is expected to be $\$ 3.6260$ per MMBtu in November 2013, $\$ 3.7960$ in December 2013, and $\$ 3.8910$ in January 2014. The average commodity cost of gas purchased from gas suppliers by LG\&E and delivered to TGT under the backhaul FT service is expected to be $\$ 3.7520$ per MMBtu in November 2013, $\$ 3.9220$ in December 2013, and $\$ 4.0170$ in January 2014. The average commodity cost of gas purchased from gas suppliers by LG\&E and delivered to TGT under the forwardhaul STF service is expected to be $\$ 3.6260$ per MMBtu in November 2013, $\$ 3.7960$ in December 2013, and $\$ 3.8910$ in January 2014. The average commodity cost of gas purchased from gas suppliers by LG\&E and delivered to TGT under the backhaul STF service is expected to be $\$ 3.7520$ per MMBtu in November 2013, $\$ 3.9220$ in December 2013, and $\$ 4.0170$ in January 2014. The average commodity cost of gas purchased from gas suppliers by LG\&E and delivered to TGPL under Rate FT-A from its Zone 0 is expected to be $\$ 3.5820$ per MMBtu in November 2013, $\$ 3.7520$ in December 2013, and \$3.8470 in January 2014.

Set forth below are the commodity costs as delivered to LG\&E after giving effect to TGT's and TGPL's commodity charges for transporting the gas under Rates NNS, FT, STF, and FT-A and the applicable retention percentages:

## RATE NNS <br> SYSTEM SUPPLY FORWARDHAUL PURCHASE PRICE PER MMBTU UNDER TEXAS GAS'S NO-NOTICE SERVICE RATE

|  | ESTIMATED <br> PRICE AS <br> DELIVERED <br> TO TEXAS GAS | RATE NNS RETENTION (TO ZONE 4) | TRANSPORT CHARGE | TOTAL <br> ESTIMATED <br> DELIVERED <br> PRICE |
| :---: | :---: | :---: | :---: | :---: |
| November 2013 | \$3.6260 | 3.94\% | \$0.0626 | \$3.8373 |
| December 2013 | \$3.7960 | 3.94\% | \$0.0626 | \$4.0143 |
| January 2014 | \$3.8910 | 3.94\% | \$0.0626 | \$4.1132 |

RATE NNS
SYSTEM SUPPLY BACKHAUL PURCHASE PRICE PER MMBTU UNDER TEXAS GAS'S NO-NOTICE SERVICE RATE

ESTIMATED
PRICE AS
DELIVERED TO TEXAS GAS

RATE NNS
RETENTION
(TO ZONE 4)

November 2013
December 2013
January 2014
\$3.7520
$\$ 3.9220$
$\$ 4.0170$
3.94\%

TRANSPORT CHARGE

TOTAL ESTIMATED DELIVERED PRICE

$$
3.94 \%
$$

3.94\%
$\$ 0.0626$
\$3.9685
\$0.0626
$\$ 4.1455$
\$0.0626
\$4.2444

RATE FT

## SYSTEM SUPPLY FORWARDHAUL PURCHASE PRICE PER MMBTU UNDER TEXAS GAS'S FIRM TRANSPORTATION SERVICE RATE

|  | ESTIMATED <br> PRICE AS | RETENTION | RATE FT | TOTAL |
| :--- | :---: | :---: | :---: | :---: |
|  | DELIVERED | ESTIMATED |  |  |
|  | TO TEXAS GAS | TONE 1 | TRANSPORT | DELIVERED |
|  |  |  | CHARGE | PRICE |
| November 2013 | $\$ 3.6260$ | $3.09 \%$ |  |  |
| December 2013 | $\$ 3.7960$ | $3.09 \%$ | $\$ 0.0212$ | $\$ 3.7628$ |
| January 2014 | $\$ 3.8910$ | $3.09 \%$ | $\$ 0.0212$ | $\$ 3.9382$ |
|  |  |  | $\$ 4.0363$ |  |

RATE FT
SYSTEM SUPPLY BACKHAUL PURCHASE PRICE PER MMBTU UNDER TEXAS GAS'S FIRM TRANSPORTATION SERVICE RATE

|  | ESTIMATED |  |  | TOTAL |
| :---: | :---: | :---: | :---: | :---: |
|  | PRICE AS | RETENTION | RATE FT | ESTIMATED |
|  | DELIVERED | (ZONE 1 | TRANSPORT | DELIVERED |
|  | TO TEXAS GAS | TO 4) | CHARGE | PRICE |
| November 2013 | \$3.7520 | 0.00\% | \$0.0035 | \$3.7555 |
| December 2013 | \$3.9220 | 0.00\% | \$0.0035 | \$3.9255 |
| January 2014 | \$4.0170 | 0.00\% | \$0.0035 | \$4.0205 |

RATE STF
SYSTEM SUPPLY FORWARDHAUL PURCHASE PRICE PER MMBTU UNDER TEXAS GAS'S SHORT-TERM FIRM

TRANSPORTATION SERVICE RATE

|  | ESTIMATED <br> PRICE AS <br> DELIVERED <br> TÓ TEXAS GAS | RETENTION (ZONE 1 TO 4) | $\begin{gathered} \text { RATE STF } \\ \text { TRANSPORT } \\ \text { CHARGE } \end{gathered}$ | TOTAL ESTIMATED DELIVERED PRICE |
| :---: | :---: | :---: | :---: | :---: |
| November 2013 | \$3.6260 | 3.09\% | \$0.0212 | \$3.7628 |
| December 2013 | \$3.7960 | 3.09\% | \$0.0212 | \$3.9382 |
| January 2014 | \$3.8910 | 3.09\% | \$0.0212 | \$4.0363 |

Exhibit A-1
Page 7 of 7
RATE STF
SYSTEM SUPPLY BACKHAUL PURCHASE PRICE PER MMBTU UNDER TEXAS GAS'S SHORT-TERM FIRM TRANSPORTATION SERVICE RATE

|  | $\begin{gathered} \text { ESTIMATED } \\ \text { PRICE AS } \\ \text { DELIVERED } \\ \text { TO TEXAS GAS } \\ \hline \end{gathered}$ | RETENTION <br> (ZONE 1 <br> TO 4) | $\begin{gathered} \text { RATE STF } \\ \text { TRANSPORT } \\ \text { CHARGE } \end{gathered}$ | TOTAL ESTIMATED DELIVERED PRICE |
| :---: | :---: | :---: | :---: | :---: |
| November 2013 | \$3.7520 | 0.00\% | \$0.0372 | \$3.7892 |
| December 2013 | \$3.9220 | 0.00\% | \$0.0372 | \$3.9592 |
| January 2014 | \$4.0170 | 0.00\% | \$0.0372 | \$4.0542 |

RATE FT-A
SYSTEM SUPPLY PURCHASE PRICE PER MMBTU
UNDER TENNESSEE GAS'S FIRM
TRANSPORTATION SERVICE RATE

| ESTIMATED |  |  | TOTAL |
| :---: | :---: | :---: | :---: |
| PRICE AS |  | RATE FT-A | ESTIMATED |
| DELIVERED | RETENTION | TRANSPORT | DELIVERED |
| TO TENN. GAS | (TO ZONE 2) | CHARGE | PRICE |

Zone 0

| November 2013 | $\$ 3.5820$ | $2.40 \%$ | $\$ 0.0379$ | $\$ 3.7080$ |
| :--- | :--- | :--- | :--- | :--- |
| December 2013 | $\$ 3.7520$ | $2.40 \%$ | $\$ 0.0379$ | $\$ 3.8822$ |
| January 2014 | $\$ 3.8470$ | $2.40 \%$ | $\$ 0.0379$ | $\$ 3.9795$ |

The annual demand billings covering the 12 months from November 1, 2013 through October 31, 2014, for the firm contracts with natural gas suppliers are currently expected to be \$3,014,551.

## Rate FT and Rider PS-FT

The demand-related supply costs applicable to the Utilization Charge for Daily Imbalances under Rate FT and Rider PS-FT applicable during the three-month period of November 1, 2013 through January 31, 2014 are set forth on Exhibit A, Page 2.

Any revenue collected from the application of these charges will flow directly into the Gas Supply Cost Actual Adjustment ("GCAA") in future Gas Supply Clause filings. Therefore, the revenue collected through application of these charges will reduce the total Gas Supply Cost Component ("GSCC") charged to LG\&E's sales customers.

Texas Gas Transmission, LLC

## Currently Effective Maximum Transportation Rates (\$ per MMBtu) For Service Under Rate Schedule NNS

| Zone SL | Base Tariff <br> Rates |
| :--- | :---: |
| $\quad$ Daily Demand | 0.1800 |
| Commodity | 0.0253 |
| Overrun | 0.2053 |
| Zone 1 | 0.2782 |
| Daily Demand | 0.0431 |
| Commodity | 0.3213 |
| $\quad$ Overrun | 0.3088 |
| Zone 2 | 0.0460 |
| Daily Demand | 0.3548 |
| Commodity |  |
| Overrun | 0.3543 |
| Zone 3 | 0.0490 |
| Daily Demand | 0.4033 |
| Commodity | 0.4190 |
| $\quad$ Overrun | 0.0614 |
| Zone 4 | 0.4804 |

The above rates shall be increased to include the ACA unit charge pursuant to Section 6.9[7] of the General Terms and Conditions.

Minimum Rate: Demand \$-0-; Commodity - Zone SL 0.0163
Zone 10.0186

Zone 20.0223
Zone 30.0262
Zone 40.0308
Notes:

- The maximum reservation charge component of the maximum firm volumetric capacity release rate shall be the applicable maximum daily demand rate herein pursuant to Section 6.16 of the General Terms and Conditions.
- For receipts from Duke Field Services' Carthage Plant/Gulf South Pipeline Company, LP, Enbridge Pipelines, L.P./Gulf South Pipeline Company, LP, Energy Transfer Company/Gulf South Pipeline Company, LP, and Enterprise Texas Pipeline L.P./Gulf South Pipeline Company, L.P interconnects in Panola County, Texas, Customer shall pay an incremental transportation charge of:

| Daily Demand | $\$ 0.1288$ |
| :--- | :--- |
| Commodity | $\$ 0.0068$ |
| Overrun | $\$ 0.1356$ |

These receipt points are available to those customers agreeing to pay the incremental rate(s) applicable to such points and are not available for pooling under Rate Schedule TAPS.

Currently Effective Maximum Daily Demand Rates (\$ per MMBtu) For Service Under Rate Schedule FT

Currently Effective Rates [1]

| SL-SL | 0.0794 |
| :---: | ---: |
| SL-1 | 0.1552 |
| SLL-2 | 0.2120 |
| SL-3 | 0.2494 |
| SL-4 | 0.3142 |
| $1-1$ | 0.1252 |
| $1-2$ | 0.1820 |
| $1-3$ | 0.2194 |
| $1-4$ | 0.2842 |
| $2-2$ | 0.1332 |
| $2-3$ | 0.1705 |
| $2-4$ | 0.2334 |
| $3-3$ | 0.1181 |
| $3-4$ | 0.1810 |
| $4-4$ | 0.1374 |

## Minimum Rates: Demand \$-0-

Backhaul rates equal forward haul rates from Zone SL to zone of delivery; provided, however, that intra-zone rates shall apply to intra-zone transportation, whether such intra-zone transportation is forward haul or backhaul.
[1] Currently Effective Rates are equal to the Base Tariff Rates.

## Notes:

- The maximum reservation charge component of the maximum firm volumetric capacity release rate shall be the applicable maximum daily demand rate herein pursuant to Section 6.16 of the General Terms and Conditions.
- For receipts from Duke Field Services' Carthage Plant/Gulf South Pipeline Company, LP Enbridge Pipelines, L.P./Gulf South Pipeline Company, LP, Energy Transfer Company/Gulf South Pipeline Company, LP, and Enterprise Texas Pipeline L.P./Gulf South Pipeline Company, LP interconnects in Panola County, Texas, Customer shall pay an incremental Daily Demand charge of $\$ 0.1288$. These receipt points are available to those customers agreeing to pay the incremental rate(s) applicable to such points and are not available for pooling under Rate Schedule TAPS.

Currently Effective Maximum Commodity Rates (\$ per MMBtu) For Service Under Rate Schedule FT

|  | Base Tarlff <br> Rates |
| :--- | :---: |
| SL-SL | 0.0104 |
| SL-1 | 0.0355 |
| SL-2 | 0.0399 |
| SL.-3 | 0.0445 |
| SL-4 | 0.0528 |
| $1-1$ | 0.0337 |
| $1-2$ | 0.0385 |
| $1-3$ | 0.0422 |
| $1-4$ | 0.0508 |
| $2-2$ | 0.0323 |
| $2-3$ | 0.0360 |
| $2-4$ | 0.0446 |
| $3-3$ | 0.0312 |
| $3-4$ | 0.0398 |
| $4-4$ | 0.0360 |

The above rates shall be increased to include the ACA unit charge pursuant to Section 6.9[7] of the General Terms and Conditions.

Minimum Rates: Commodity minimum base rates are presented in Section 4.12.
Backhaul rates equal forward haul rates from Zone SL to zone of delivery; provided, however, that intrazone rates shall apply to intra-zone transportation, whether such intra-zone transportation is forward haul or backhaul

Notes:

- For receipts from Duke Field Services' Carthage Plant/Gulf South Pipeline Company, LP, Enbridge Pipelines, L.P./Gulf South Pipeline Company, LP, Energy Transfer Company/Gulf South Pipeline Company, LP, and Enterprise Texas Pipeline L.P./Gulf South Pipeline Company, LP interconnects in Panola County, Texas, Customer shall pay an incremental Commodity charge of $\$ 0,0068$. These receipt points are available to those customers agreeing to pay the incremental rate(s) applicable to such points and are not available for pooling under Rate Schedule TAPS.

| Currently Effective Minimum Transportation Rates (\$ per M |  |
| :---: | :---: |
| For Service Under Rate Schedules FT, STF, and IT |  |
|  |  |
| Recolpt-Dellvery | Minimum |
| Zone | Base Rate |
|  |  |
| SL-SL | 0.0028 |
| SL-1 | 0.0110 |
| SL-2 | 0.0162 |
| SL-3 | 0.0218 |
| SL-4 | 0.0226 |
| $1-1$ | 0.0087 |
| $1-2$ | 0.0145 |
| $1-3$ | 0.0190 |
| $1-4$ | 0.0200 |
| $2-2$ | 0.0071 |
| $2-3$ | 0.0116 |
| $2-4$ | 0.0126 |
| $3-3$ | 0.0058 |
| $3-4$ | 0.0068 |
| $4-4$ | 0.0023 |

Backhaul rates equal forward haul rates from Zone SL to zone of delivery; provided, however, that intrazone rates shall apply to intra-zone transportation, whether such intra-zone transportation is forward hau or backhaul.

## Currently Effective Maximum Transportation Rates (\$ per MMBtu) <br> For Service under Rate Schedule STF

## Peak (Winter)-Demand

Off-Peak (Summer)-Demand

## Currently Effective

 Rates [1]
## Currently

Effective
Rates [1]

| SL-SL | 0.1188 | 0.0516 |
| :--- | :--- | :--- |
| SL-1 | 0.2322 | 0.1009 |
| SL-2 | 0.3172 | 0.1378 |
| SL-3 | 0.3731 | 0.1621 |
| SL-4 | 0.4701 | 0.2042 |
| $1-1$ | 0.1873 | 0.0814 |
| $1-2$ | 0.2723 | 0.1183 |
| $1-3$ | 0.3282 | 0.1426 |
| $1-4$ | 0.4252 | 0.1847 |
| $2-2$ | 0.1992 | 0.0866 |
| $2-3$ | 0.2551 | 0.1108 |
| $2-4$ | 0.3492 | 0.1517 |
| $3-3$ | 0.1766 | 0.0768 |
| $3-4$ | 0.2707 | 0.1177 |
| $4-4$ | 0.2056 | 0.0893 |

Backhaul rales equal forward haul rates from Zone SL to zone of delivery; provided, however, that intrazone rates shall apply to intra-zone transportation, whether such intra-zone transportation is forward haul or backhaul.

## Notes:

- The STF commodily rate is the applicable FT commodity rate in Section 4.1.

The STF overrun rate equals the daily demand rate plus applicable FT commodity rate.
Minimum rate: Demand \$-0- The minimum commodity rate is presented in Section 4.12.

- For receipts from Duke Field Services' Carthage Plant/Gulf South Pipeline Company, LP, Enbridge Pipelines, L.P./Gulf South Pipeline Company, LP, Energy Transfer Company/Gulf South Pipeline Company, LP, and Enterprise Texas Pipeline L.P./Gulf South Pipeline Company, LP interconnects in Panola County, Texas, Customer shall pay an incremental Daily Demand charge of $\$ 0.1288$. These receipt points are available to those customers agreeing to pay the incremental rate(s) applicable to such points and are not available for pooling under Rate Schedule TAPS.

Tennessee Gas Pipeline Company, L.L.C.
FERC NGA Gas Tariff
Fifth Revised Sheet No. 14 Superseding Fourth Revised Sheet No. 14

| RATES PER DEKATHERM |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | FIRM TRANSPORTATION RATES RATE SCHEDULE FOR FT-A |  |  |  |  |  |  |
| Base Reservation Rates |  | Delivery zone |  |  |  |  |  |  |
| ZONE | 0 | 1. | 1 | 2 | 3 | 4 | 5 | 6 |
| 0 | \$5.7504 | \$5.0941 | \$12.1229 | \$16.3405 | \$16.6314 | \$18.3503 | \$19.4843 | \$24.4547 |
| L |  |  |  |  |  |  |  |  |
| 1 | \$8.7060 |  | \$8.3414 | \$11.1329 | \$15.8114 | \$15.6260 | \$17.6356 | \$21.6916 |
|  | \$16.3406 |  | \$11.0654 | \$55.7084 | \$5.3300 | \$ $\$ 6.8689$ | \$ $\$ 9.4859$ | \$12.2575 |
|  | \$16.6314 |  | \$8.7447 | \$5,7553 | \$4.1249 | \$6.4085 | \$11.6731 | \$13.4872 |
| 4 | \$21.1425 |  | \$19.4839 | \$7.3648 | \$11.2429 | \$5.4700 | \$5.9240 | \$8.4896 |
|  | \$25.2282 |  | \$17.6984 | \$7.7303 | \$ $\$ 9.3742$ | \$6.0880. | \$5.7043 | \$7.4396 |
|  | \$29.1846 |  | \$20.3275 | \$13.9551 | \$15.3850 | \$10.8692 | \$5.6613 | \$4.8846 |
|  |  |  | : |  |  |  |  |  |
| Dally Base Reservation Rate $1 /$ -............................. RECEIPT |  | DElivery zone |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
| ZONE | E 0 | L | 1 | 2 | 3 | 4 | 5 | 6 |
| $\begin{aligned} & 0 \\ & \mathrm{~L} \end{aligned}$ | \$0.1891 | \$0.1675 | \$0.3986 | \$0.5372 | \$0.5468 | \$0.6033 | \$0.6406 | \$0.8040 |
|  | \$0.2862 |  | \$0.2742 | \$0.3660 | \$0.5198 | \$0.5137 | \$0.5798 | \$0.7131 |
| 2 | \$0.5372 |  | \$0.3638 | \$0.1877 | \$0.1752 | \$0.2258 | \$0.3119 | \$0.4030 |
| 3 | \$0.5468 |  | \$0.2875 | \$0.1892 | \$0.1356 | \$0.2107 | \$0.3838 | \$0.4434 |
|  | \$0.6951 |  | \$0.6406 | \$0.2421 | \$0.3696 | \$0.1798 | \$0.1948 | \$0.2791 |
| 5 | \$0.8294 |  | \$0.5819 | \$0.2541 | \$0.3082 | \$0.2002 | \$0.1875 | \$0.2446 |
|  | \$0.9595 |  | \$0,6683 | \$0.4588 | \$0.5058 | \$0.3573 | \$0.1861 | \$0.1606 |
| Maximum Reservation Rates 2/, $3 /$ ............................. RECEIPT |  | DELIVERY ZONE |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
| ZONE | 0 | L | 1 | 2 | 3 | 4 | 5 | 6 |
| 0 | \$5.7504 | \$5.0941 | \$12.1229 | \$15.3405 | \$16.6314 | \$18.3503 | \$19.4843 | \$24.4547 |
| 1 | \$8.7060 |  | \$8.3414 | \$11.1329 | \$15.8114 | \$15.6260 | $\$ 17.6356$ | \$21.6916 |
| 2 | \$16.3406 |  | \$11.0654 | \$5,7084 | \$5.3300 | \$6.8689 | $\$ 9.4859$ | \$12.2575 |
| 3 \$ | \$16.6314 |  | \$8.7447 | \$5.7553 | \$4.1249 | \$6.4085 | \$11.6731 | \$13.4872 |
| 4 \$ | $\$ 21.1425$ |  | \$19.4839 | \$7.3648 | \$11.2429 | \$5.4700 | \$5.9240 | \$8.4896 |
| 5 \$ | \$25.2282 |  | \$17.6984 | \$7.7303 | \$9.3742 | \$6.0880 | \$5.7043 | \$7.4396 |
| 6 \$ | \$29.1846 |  | \$20.3275 | \$13.9551 | \$15.3850 | \$10.8692 | \$5.6613 | \$4.8846 |

## Notes:

1/ Applicable to demand charge credits and secondary points under discounted rate agreements.
2/ Includes a per Dth charge for the PCB Surcharge Adjustment per Article XXXII of the General Terms and Conditions of $\$ 0.0000$.
3/ Includes a per Dth charge for the PS/GHG Surcharge Adjustment per Article XXXVIII of the General Terms and Conditions of $\$ 0.0000$.

Tennessee Gas Pipeline Company, L.L.C
FERC NGA Gas Tariff
Sixth Revised Volume No. 1
Eighth Revised Sheet No. 15 Superseding Seventh Revised Sheet No. 15

RATES PER DEKATHERDA


Minimum
Commodity Rates $1 /, 2 /$

| DELIVERY ZONE |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| ZONE | 0 | L. | 1. | 2 | 3 | 4 | 5 | 6 |
| 0 | \$0.0032 |  | \$0.0115 | \$0.0177 | \$0.0219 | \$0.0250 | \$0.0284 | \$0.0346 |
| 1 |  | \$0.0012 |  |  |  |  |  |  |
| 1 | \$0.0042 |  | \$0.0081 | \$0.0147 | \$0.0179 | \$0.0210 | \$0.0256 | \$0.0300 |
| 2 | \$0.0167 |  | \$0.0087 | \$0.0012 | \$0.0028 | \$0.0056 | \$0.0100 | \$0.0143 |
| 3 | \$0.0207 |  | \$0.0169 | \$0.0026 | \$0.0002 | \$0.0081 | \$0.0118 | \$0.0163 |
| 4 | \$0.0250 |  | \$0.0205 | \$0.0087 | \$0.0105 | \$0.0028 | \$0.0046 | \$0.0092 |
| 5 | \$0.0284 |  | \$0.0256 | \$0.0100 | \$0.0118 | \$0.0046 | \$0.0046 | \$0.0066 |
| 6 | \$0.0346 |  | \$0.0300 | \$0.0143 | \$0.0163 | \$0.0086 | \$0.0041 | \$0.0020 |

Maximum
Commodity Rates $1 / 1,2 / 3 /$
DELIVERY ZONE

| ZONE | 0 | L | 1 | 2 | 3 | 4 | 5 | 6 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 0 | \$0.0032 | \$0.0012 | \$0.0115 | \$0.0177 | \$0.0219 | \$0.2751 | \$0.2625 | \$0.3124 |
| L |  |  |  |  |  |  |  |  |
| 1 | \$0.0042 |  | \$0.0081 | \$0.0147 | \$0.0179 | \$0.2339 | \$0.2385 | \$0.2723 |
| 2 | \$0.0167 |  | \$0.0087 | \$0.0012 | \$0.0028 | \$0.0757 | \$0.1214 | \$0.1345 |
| 3 | \$0.0207 |  | \$0.0169 | \$0.0026 | \$0.0002 | \$0.1012 | \$0.1400 | \$0.1528 |
| 4 | \$0.0250 |  | \$0.0205 | \$0.0087 | \$0.0105 | \$0.0468 | \$0.0662 | \$0.1073 |
| 5 | \$0.0284 |  | \$0.0256 | \$0.0100 | \$0.0118 | \$0.0659 | \$0.0653 | \$0.0811 |
| 6 | \$0.0346 |  | \$0.0300 | \$0.0143 | \$0.0163 | \$0.1014 | \$0.0549 | $\$ 0.0334$ |

Notes:
1/ Rates stated above exclude the ACA Surcharge as revised annually and posted on the FERC website at Lita://vinu ferc.gov on the Amnal Charges nage of the Natural Gas section. The ACA Surcharge is incorporated by reference into Transporter's Tarlff and shall apply to all transportation under this Rate Scledule as provided In Article XXIV of the General Terms and Condilions.
$2 /$ The applicable F\&LR's and EPCR's, determined pursuant to Article XXXVII of the General Terms and Conditions, are listed on Sheet No. 32. For service that is rendered entirely by displacement and for gas scheduled and allocated for recelpt at the Dractut, Massachusetts recelpt point, Shipper shall render only the quantity of gas assoclated with Losses of $0.21 \%$.
3/ Includes a per Dth charge for the PS/GHG Surcharge Adjustment per Arlicle XXXVIII of the General Terms and Conditions of $\$ 0.0000$.

# LOUISVILLE GAS AND ELECTRIC COMPANY 

## Gas Supply Clause: 2013-00XXX

## Calculation of Gas Cost Actual Adjustment (GCAA)

The purpose of this adjustment is to compensate for over- or under-recoveries which result from differences between various quarters' revenues collected to recover expected gas costs and the actual gas costs incurred during each such quarter. As shown on Page 1 of Exhibit B-1, the amount of over-recovery from Case Number 2013-00126 during the three-month period of May 1, 2013 through July 31, 2013, was $\$ 423,481$. The calculation of the Gas Cost Actual Adjustment (GCAA) set forth in Exhibit B-1 results in a refund of $.138 \phi$ per 100 cubic feet, which LG\&E will place in effect with service rendered on and after November 1, 2013, and continue for 12 months. Also enclosed, on pages 5 and 6 of Exhibit B-1, is a breakdown of gas purchases for the three-month period from May 2013 through July 2013. [Please note that the names of the suppliers have been redacted from this page, in accordance with LG\&E's Petition for Confidentiality filed this quarter.]

Also in this filing, LG\&E will be eliminating the GCAA from Case Number 2012-00125, with service rendered through July 31, 2013, which will have been in effect for twelve months. Any over- or under-recovery of the amount originally established in this GCAA will be transferred to the Gas Cost Balance Adjustment (GCBA) which will be implemented in LG\&E's next Gas Supply Clause filing with service rendered on and after the month of November 2013.

Therefore, the Gas Cost Actual Adjustment will be as follows:

Current Quarter Actual Adjustment:
Effective November 1, 2013 from 2013-00126
Previous Quarter Actual Adjustment:
Effective August 1, 2012 from 2012-00591
2nd Previous Quarter Actual Adjustment:
Effective May 1, 2013 from 2012-00446
1.294 cents/Ccf
1.691 cents/Ccf

3rd Previous Quarter Actual Adjustment:
Effective February 1, 2013 from 2012-00286
(0.065) cents/Ccf

Total Gas Cost Actual Adjustment (GCAA)
2.782 cents/Ccf

## LOUISVILLE GAS AND ELECTRIC COMPANY

Calculation of Gas Cost Actual Adjustment
Which Compensates for Over- or Under-
Recoveries of Gas Supply Costs

|  |  |  |  | (1) Cost R | (2) <br> ry Under GSC al Gas Supply | (3) red to | (4) <br> Deriva <br> Which | (5) <br> of Gas Co mpensates | (6) <br> ctual Adjustm Over or Under | (GCAA) <br> ecoveries |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Start Date | End Date |  | Case Number | Total Dollars of Gas Cost Recovered ${ }^{1}$ | Gas Supply <br> Cost Per <br> Books ${ }^{2}$ | Over Or <br> (Under) <br> Recovery $(1)-(2)$ | Expected Mcf <br> Sales for 12- <br> Month Period <br> From Date <br> Implemented | GCAA <br> Per Mcf | $\begin{aligned} & \text { GCAA Per } \\ & 100 \mathrm{Cu} . \mathrm{Ft} \end{aligned}$ | Implemented With Service Rendered On |
| Nov-2009 | Jan-2010 |  | (Case No. 2009-00395) | 97,434,409 | 98,877,723 | $(1,443,314)$ | 31,630,904 | \$0.0456 | \$0.00456 | 5/1/2010 |
| Feb-2010 | Apr-2010 |  | (Case No. 2009-00457) | 69,543,463 | 67,237,660 | 2,305,803 | 31,614,470 | (\$0.0729) | (\$0.00729) | 8/1/2010 |
| May-2010 | Jul-2010 | 1 | (Case No. 2010-00140) | 14,187,592 | 13,637,314 | 550,278 | 31,886,918 | (\$0.0173) | (\$0.00173) | 11/1/2010 |
| Aug-2010 | Oct-2010 | 2 | (Case No. 2010-00263) | 18,348,910 | 13,370,152 | 4,978,758 | 31,985,477 | (\$0.1557) | (\$0.01557) | $2 / 1 / 2011$ |
| Nov-2010 | Jan-2011 | 3 | (Case No. 2010-00387) | 93,708,777 | 94,120,400 | $(411,623)$ | 31,929,816 | \$0.0129 | \$0.00129 | 5/1/2011 |
| Feb-2011 | Apr-2011 | 4 | (Case No. 2010-00525) | 58,344,142 | 60,076,947 | $(1,732,805)$ | 31,915,052 | \$0.0543 | \$0.00543 | 8/1/2011 |
| May-2011 | Jul-2011 | 5 | (Case No. 2011-00119) | 16,571,886 | 16,280,721 | 291,165 | 31,673,062 | (\$0.0092) | (\$0.00092) | 11/1/2011 |
| Aug-2011 | Oct-2011 | 6 | (Case No. 2011-00228) | 19,148,513 | 17,069,244 | 2,079,269 | 31,617,677 | (\$0.0658) | (\$0.00658) | 2/1/2012 |
| Nov-2011 | Jan-2012 | 7 | (Case No. 2011-00402) | 65,125,536 | 62,055,305 | 3,070,230 | 31,482,775 | (\$0.0975) | (\$0.00975) | 5/1/2012 |
| Feb-2012 | Apr-2012 | 8 | (Case No. 2011-00523) | 37,124,046 | 40,028,735 | $(2,904,689)$ | 31,461,514 | \$0.0923 | \$0.00923 | 8/1/2012 |
| May-2012 | Jul-2012 | 9 | (Case No. 2012-00125) | 9,109,083 | 9,129,169 | $(20,086)$ | 32,859,996 | \$0.0006 | \$0.00006 | 11/1/2012 |
| Aug-2012 | Oct-2012 | 10 | (Case No. 2012-00286) | 13,084,432 | 12,869,145 | 215,287 | 32,921,978 | (\$0.0065) | (\$0.00065) |  |
| Nov-2012 | Jan-2013 | 11 | (Case No. 2012-00446) | 57,421,508 | 62,971,944 | $(5,550,436)$ | 32,817,505 | \$0.1691 | \$0.01691 | 5/1/2013 |
| Feb-2013 | Apr-2013 | 12 | (Case No. 2012-00591) | 52,173,558 | 56,416,316 | $(4,242,758)$ | 32,793,482 | \$0.1294 | \$0.01294 | 8/1/2013 |
| May-2013 | Jul-2013 | 13 | (Case No. 2013-00126) | 14,624,379 | 14,200,899 | 423,481 | 30,650,921 | (\$0.0138) | (\$0.00138) | 11/1/2013 |

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$20 \quad$| Applicable Mcf Sales |
| :--- |
| During 3 Month Period |

21 Gas Supply Clause Case No.
22 Gas Supply Cost
Recovered Per Mcf Sold
23 Dollars of Recovery Under GSC
25 Mcf of Customer-Owned Gas
Transported Under Rate TS
27 Pipeline Suppliers' Demand
Component Per Mcf
Dollars of Recovery Under Rate TS During 3-Month Period (Line $25 \times$ Line 27)

29 Dollars of Recovery Under
Rate FT (See Ex B-1, Page 3)
30 Revenues from Off-system Sales
31 Total S's of Gas Cost Recovered During 3-Month Period (Line $23+$ Line $28+$ Line $29+$ Line 30 )

|  |  | Monthly Mef Sales | May 1, 2012 through July 31, 2012 | August 1, 2012 through October 31, 2012 | November 1,2012 <br> through <br> January 31, 2013 | $\begin{gathered} \text { February } 1,2013 \\ \text { through } \\ \text { April } 30,2013 \\ \hline \end{gathered}$ |  | May 1,2013 through July 31, 2013 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | MAY | 1,553,116 |  |  |  |  |  |  |
|  | JUN | 1,037,087 |  |  |  |  |  |  |
|  | JUL | 771,444 |  |  |  |  |  |  |
|  | AUG | 770,697 |  |  |  |  |  |  |
|  | SEP | 798,228 |  |  |  |  |  |  |
|  | OCT | 1,080,900 |  |  |  |  |  |  |
|  | NOV | 2,056,028 |  |  |  |  |  |  |
|  | DEC | 3,544,651 |  |  |  |  |  |  |
| 2012 | JAN | 5,249,746 |  |  |  |  |  |  |
|  | FEB | 4,984,372 |  |  |  |  |  |  |
|  | MAR | 3,524,631 |  |  |  |  |  |  |
|  | APR | 1,438,443 |  |  |  |  |  |  |
|  | MAY | 1,168,380 | 520,014 |  |  |  |  |  |
|  | JUNE | 858,336 | 858,336 |  |  |  |  |  |
|  | JULY | 732,114 | 732,114 |  |  |  |  |  |
|  | AUG | 669,221 | 322,483 | 346,738 |  |  |  |  |
|  | SEP | 771,935 |  | 771,935 |  |  |  |  |
|  | OCT | 1,057,708 |  | 1,057,708 |  |  |  |  |
|  | NOV | 2,550,560 |  | 1,141,168 | 1,409,392 |  |  |  |
|  | DEC | 3,536,106 |  |  | 3,536,106 |  |  |  |
| 2013 | JAN | 5,558,991 |  |  | 5,558,991 |  |  |  |
|  | FEB | 5,622,368 |  |  | 3,070,092 | 2,552,276 |  |  |
|  | MAR | 5,210,138 |  |  |  | 5,210,138 |  |  |
|  | APR | 3,634,272 |  |  |  | 3,634,272 |  |  |
|  | MAY | 1,572,218 |  |  |  | -968,100 |  | 604,118 |
|  | JUNE | 968,381 |  |  |  | 68,100 |  | 968,381 |
|  | July | 809,923 |  |  |  |  |  | 809,923 |
|  | AUG | 850.108 |  |  |  |  |  | 475,737 |
|  |  |  | 2,432,947 | 3,317,548 | 13,574,581 | 12,364,787 |  | 2,858,158 |
|  |  |  | 2012-00125 | 2012-00286 | 2012-00446 | 2012-00591 |  | 2013-00126 |
|  |  |  | 3.6785 | 3.8848 | 4.2122 | 4.2037 |  | 5.0499 |
|  |  | \$ | 8,949,597 | \$ 12,888,012 | \$ 57,178,850 | \$ 51,977,855 | \$ | 14,433,413 |
|  |  |  | 29,933 | 37,464 | 87,124 | 77,403 |  | 84.053 |
|  |  |  | 0.8257 | 0.8239 | 0.6926 | 0.6910 |  | 0.6931 |
|  |  | \$ | 24,716 | \$ 30,866 | 60,342 | \$ 53,486 | \$ | 58,257 |
|  |  | \$ | 134,770 | \$ 165,554 | 182,315 | \$ 142,217 | \$ | 132,709 |
|  |  | \$ | - | \$ | \$ | \$ | \$ | - |
|  |  | \$ | 9,109,083 | \$ 13,084,432 | \$ 57,421,508 | \$ 52,173,558 | \$ | 14,624,379 |

LOUISVILLE GAS AND ELECTRIC COMPANY
Summary of Gas Costs Recovered
Under Provisions of Rate FT

|  | (1) | (2) | (3) | (4) | (5) | (6) |  | (7) | (8) | (9) | (10) | (11) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Billing Month | Case Number | UCDI <br> Demand Chrg / Mcf | Cash-Out <br> Sales (Mcf) | $\begin{aligned} & \text { Cash-Out } \\ & \text { Sales (\$) } \end{aligned}$ | MMBTU <br> Adjust. (Mcf) |  | MMBTU <br> Adjust. (\$) | UCDI Mcf | $\begin{gathered} \text { UCDI \$ } \\ {[(3) \times(8)]} \end{gathered}$ | OFO S | Monthly \$'s Recovered $[(5)+(7)+(9)+(10)]$ |
| $\begin{aligned} & 2011 \\ & 2012 \end{aligned}$ | Nov | 2011-00402 | 0.1720 | 11,160.6 | \$41,260.73 | - | \$ | - | 99,379.8 | \$17,093.33 | \$0.00 |  |
|  | Dec | 2011-00402 | 0.1720 | 11,431.0 | \$43,698.79 | - | \$ | - | 121,592.1 | $\$ 17,093.33$ $\$ 20,913.84$ | \$0.00 | \$58,354.06 |
|  | Jan | 2011-00402 | 0.1720 | 2,506.6 | \$8,307.52 | - | \$ | - | 133,454.6 | $\$ 20,913.84$ $\$ 22,954.19$ | $\$ 0.00$ $\$ 0.00$ | $\$ 64,612.63$ $\$ 31,261.71$ |
|  |  |  |  |  |  |  |  |  |  |  | \$0.00 |  |
| 2012 | Feb | 2011-00523 | 0.1722 | 2.124 .4 |  |  |  |  |  |  | Total FT Revenues | \$154,228.40 |
|  | Mar | 2011-00523 | 0.1722 | $2,124.4$ 598.1 | \$1,483.29 | - | \$ | - | 53,626.8 | \$9,234.53 | \$0.00 | \$14,987.83 |
|  | Apr | 2011-00523 | 0.1722 | 6,686.2 |  | - | \$ | - | 72,359.3 | \$12,460.27 | \$0.00 | \$13,943.56 |
|  | Apr | 2011-00523 | 0.1722 | 6, | \$15,371.50 | - | \$ | - | 96,728.5 | \$16,656.65 | \$0.00 | \$32,028.15 |
| 2012 |  |  |  |  |  |  |  |  |  |  | \$0.00 |  |
|  | May | 2012-00125 | 0.1722 | 15,439.8 |  |  |  |  |  |  | Total FT Revenues | \$60,959.54 |
|  | Jun | 2012-00125 | 0.1722 | $15,439.8$ $9,911.1$ | $\$ 41,541.50$ $\$ 29,337.18$ | - | \$ | - | 77,103.3 | \$13,277.19 | \$0.00 | \$54,818.69 |
|  | Jul | 2012-00125 | 0.1722 | 7,232.3 | \$23,210.69 | - | \$ | - | 75,259.8 | \$12,959.74 | \$0.00 | \$42,296.92 |
|  |  | 201200125 | 0.1722 | 7,232.3 | \$23,210.69 | - | \$ | - | 83,879.2 | \$14,444.00 | \$0.00 | \$37,654.69 |
| 2012 |  |  |  |  |  |  |  |  |  |  | \$0.00 |  |
|  | Aug | 2012-00286 | 0.1717 | 10873 | \$351291 |  |  |  |  |  | Total FT Revenues | \$134,770.30 |
|  | Sep | 2012-00286 | 0.1717 | 2,925.6 | \$8849.94 | - | \$ | - | 79,443.0 | \$13,640.36 | \$0.00 | \$17,153.27 |
|  | Oct | 2012-00286 | 0.1717 | 26,469.0 | \$93,659.66 | 4,361.0 | \$ | 15,241.70 | $77,015.9$ 1014912 | \$13,223.63 | \$0.00 | \$22,073.57 |
|  |  |  |  |  |  |  |  |  | 101,491.2 | \$17,426.04 | \$0.00 | \$126,327.40 |
| 2012 |  |  |  |  |  |  |  |  |  |  | \$0.00 |  |
|  | Nov | 2012-00446 | 0.1501 |  |  |  |  |  |  |  | Total FT Revenues | \$165,554.24 |
|  | Dec | 2012-00446 | 0.1501 | $16,075.7$ $2,797.8$ | \$63,492.72 | - | S | - | 156,336.7 | \$23,466.14 | \$0.00 | \$86,958.86 |
| 2013 | Jan | 2012-00446 | 0.1501 | 7,648.5 | \$27,955.28 | - | \$ | - | $138,844.2$ $131,869.5$ | $\$ 20,840.51$ $\$ 19,793.61$ | $\$ 0.00$ $\$ 398.67$ | \$47,208.99 |
|  |  |  |  |  |  |  |  |  | 131,869.5 |  | Total FT Revenues | \$48,147.56 $\mathbf{\$ 1 8 2 , 3 1 5 . 4 2}$ |
| 2013 | Feb | 2012-00591 | 0.1500 | 4,735.1 | \$16,969.02 | - | \$ | - |  |  | Total FT Revenues | \$182,315.42 |
|  | Mar | 2012-00591 | 0.1500 | 4,434.4 | \$19,176.63 | - | \$ | - | $81,702.5$ $123,325.3$ | $\$ 12,255.38$ $\$ 18,498.80$ | $\$ 0.00$ $\$ 11.031 .06$ | $\$ 29,224.40$ $\$ 48,706.49$ |
|  | Apr | 2012-00591 | 0.1500 | 11,523.8 | \$52,620.10 | - | \$ | - | 77,773.5 | \$11,666.03 | $\begin{array}{r} \$ 11,031.06 \\ \$ 0.00 \\ \hline \end{array}$ | $\begin{aligned} & \$ 48,706.49 \\ & \$ 64,286.13 \\ & \hline \end{aligned}$ |
|  | May | 2013-00126 | 0.1500 |  |  |  |  |  |  |  | Total FT Revenues | \$142,217.01 |
|  | June | 2013-00126 | 0.1500 | 8,121.8 | $\$ 9,113.13$ $\$ 32,486.16$ | - | \$ | - | 70,376.0 | \$10,556.40 | \$0.00 | \$19,669.53 |
|  | July | 2013-00126 | 0.1500 | 18,043.3 | \$64,791.94 | - | \$ | - | 47,219.6 | \$7,082.94 | \$0.00 | \$39,569.10 |
|  |  |  |  |  | \$64,791.94 | - | \$ | - | 57,857.6 | \$8,678.64 | \$0.00 | \$73,470.58 |
|  |  |  |  |  |  |  |  |  |  |  | Total FT Revenues | \$132,709.21 |

Note: Should a Customer served under Rate FT under-nominate its monthly gas supply needs, a Cash-Out Sale is made to the Customer
This sale, which is based upon the cash-out price established in Rate FT, is also flowed through the GCAA as revenue.
Note: Changes in billings of the Cash-out Provision caused by variations in the MMBTU content of the gas are corrected on the following month's bill.
Should such change occur as a charge to the customer, such revenue is flowed through the GCAA.

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{gathered} \text { Mcf } \\ \text { Purchases } \end{gathered}$ | $\begin{gathered} \text { Purchases } \\ \text { for OSS } \\ \hline \end{gathered}$ | Less: <br> Purchases for Depts. other Than Gas Dept. | Less: <br> Purchases <br> Injected into Storage | $\begin{gathered} \text { Plus: } \\ \text { Mcf } \\ \text { Withdrawn } \\ \text { From } \\ \text { Storage } \\ \hline \end{gathered}$ | Flus Storage Losses | $\begin{gathered} \text { Mcf } \\ \text { Sendout } \\ \text { (Gas Dept) } \end{gathered}$ | Purchased Gas Cosis | Purchased Gas Costs for oss | Less: <br> Purchases for Non-Gas Departments |  | $\begin{gathered} \text { Plus: } \\ \text { Cost of Gas } \\ \text { Withdrawn } \\ \text { From } \\ \text { Storage } \\ \hline \end{gathered}$ | Plus Storage Losses | Plus: <br> Gas Commodity Portion of Bad Debt Expense | $\begin{aligned} & \text { Total } \\ & \text { Gas Supply } \\ & \text { Cost } \end{aligned}$ |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| February | 1,854,300 | 0 | $(2,217)$ | $(17,366)$ | 2,940,906 | 36,456 | 4,812,079 | 8,224,463 | 0 | (10.302) | (77,023) |  |  |  |  |
| March | 677,188 | 0 | $(1,711)$ | 0 | 1,490,039 | 31,298 | 2,196,814 | 4,839,431 | 0 | (7,397) | (7,023) |  |  |  | 21,970,792 |
| April | 547,886 | 0 | (523) | 0 | 956,038 | 27,924 | $\begin{array}{r}1,531,325 \\ \hline\end{array}$ | 1.578,109 | 0 | (2,427) | 0 | 6,921,380 $4,440,892$ | 145,382 129,710 |  | $\begin{array}{r} \begin{array}{r} 1,904,029 \\ 6,153,914 \end{array} \end{array}$ |
| Total Nov 2011 thru Jan 2012 |  |  |  |  |  |  | 8,540,218 |  |  |  |  |  |  |  | 40,028,735 |
| May | 369,464 | 0 | (3,916) | 0 | 542,371 | 28,208 | 936,127 | 1,199,258 | 0 |  |  |  |  |  |  |
| June | 2,158,756 | 0 | $(7,178)$ | (1,411,096) | 34,137 | 29,490 | 804, 109 | 6,783,685 | 0 | (13,152) $(22,579)$ | (4,434,228) | $2.519,368$ $\mathbf{1 4 1 , 3 4 4}$ |  |  |  |
| July | 2,998,902 | 0 | $(1,597)$ | ( $2,246,379$ ) | 377 | 34,740 | 786,043 | 10,162,551 | 0 | ( $5,3,509)$ | $\left(\begin{array}{l}(4,434,228) \\ (7.529)\end{array}\right.$ | 141,344 1,461 | $\begin{aligned} & 122,103 \\ & 134,652 \end{aligned}$ |  | $\begin{array}{r} 2,597,523 \\ 2,687,616 \\ \hline \end{array}$ |
| Total Feb 2012 thru Apr 2012 |  |  |  |  |  |  | 2,526,279 |  |  |  |  |  |  |  | 9,129,169 |
| August | 3,621,108 | 0 | (139) | (2,891,535) | 233 |  |  |  |  |  |  |  |  |  |  |
| September | 3,656,891 | 0 | (958) | (2,828,524) | 422 | 44,808 | 872,639 | 11,682,596 | 0 | $(3,089)$ | $(9,839,026)$ $(9,036,286)$ | $\begin{array}{r}869 \\ 1.520 \\ \hline\end{array}$ | 151,487 |  | 2,634,292 |
| Octaber | 4,199,729 | 0 | (358) | $(2,309,541)$ | 929 | 52,788 | 1,943,547 | 16,074,277 | 0 | $(1,120)$ | (8,839,768) | 3,381 | $\begin{aligned} & 191,421 \\ & 191,923 \end{aligned}$ |  | $\begin{aligned} & 2,806,162 \\ & 7,428,692 \end{aligned}$ |
| Total May 2012 thru July 2012 |  |  |  |  |  |  | 3,586,489 |  |  |  |  |  |  |  | 12,869,145 |
| November | 3,147,208 | 0 | (687) | (137,577) | 809.747 | 49,269 | 3,867,960 | 14,174,787 | 0 | (3,436) |  |  |  |  |  |
| December | 2,709,713 | 0 | $(1,284)$ | $(73,214)$ | 2,044,997 | 46,134 | 4,726,346 | 12,837,517 | 0 | (4,684) | $(346,859)$ | 2,933,309 $7,470,374$ | 168,528 | 0 | $16,684,721$ 20,124886 |
| January | 3,167,715 | 0 | $(1,756)$ | 0 | 3,227,530 | 40,002 | 6.433.491 | 14,219,501 | 0 | $(8,558)$ | 0 | 11,790,490 | 146,131 | 14,783 | 20,124,876 <br> 26,162,347 |
| Total Nov 2012 thru Jan 2013 |  |  |  |  |  |  | 15,027,797 |  |  |  |  |  |  |  | 62,971,944 |
| February | 2,741,569 | 0 | $(1,320)$ | 0 | 2,847,162 | 32,749 | 5.620,160 | 11,982,716 | 0 |  |  |  |  |  |  |
| March | 3,596.147 | 0 | $(2,740)$ | 0 | 1,823,938 | 27,392 | 5,444,737 | 16,378,124 | 0 | $(4,823)$ $(9,176)$ | 0 | $10,400,683$ $6,663,028$ | 119,632 100,066 | 40,369 (34.589) | $22,538.577$ <br> 23.097453 <br> 10 |
| April | 1,271,077 | 0 | $(1,554)$ | 0 | 850.753 | 25,520 | 2,145,796 | 7,559,925 | 0 | (5,064) | 0 | 3,107,801 | 93,225 | 24,400 | 10,780,286 |
| Total Feb 2013 thru Apr 2013 |  |  |  |  |  |  | 13,210,693 |  |  |  |  |  |  |  | 56,416,316 |
| May | 833,690 | 0 | (407) | 0 | 278,590 | 26,998 | 1,138,871 | 5,273,786 | 0 | $(1,406)$ | 0 |  |  |  |  |
| June | 2,240,997 | 0 | (230) | $(1,401,161)$ | 1,063 | 28,508 | 869, 177 | 10,717,527 | , | $(2,341)$ |  |  |  | + 14.095 | 6,392,931 <br> 4.148 .832 |
| Juiy | 3,610,146 | 0 | (128) | $(2,768,655)$ | 720 | 31,151 | 873,234 | 15,149,839 | 0 | $(19,116)$ | (11,618,661) | 4,335 2,973 | $\begin{aligned} & 116,267 \\ & 128,622 \end{aligned}$ | 14,095 15,478 | $\begin{aligned} & 4,148,832 \\ & 3,659,135 \end{aligned}$ |
| Total May 2013 thru July 2013 ( $\mathbf{2 , 8 8 1 , 2 8 2}^{\text {2, }}$ |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 14,200,899 |

LOUSVILLE GAS ANO ELECTRIC COMPANY
SUMMARY OF GAS PURCHASES AND COSTS BY SUPPLIER
FOR THE 3 MONTH PERIOD FROM MAY 2013 THROUGH JULY 2013

| DELINERED BY TEXAS GAS TRANSMISSION, LLC | MAY 2013 |  |  | JUNE 2013 |  |  | JULY 2013 |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | NET MMETU | MCF | $s$ | NET MMETU | MCF | 5 | NET MMABTU | MCF | 5 |
| NATURAL GAS SUPPLIERS: |  |  |  |  |  |  |  |  |  |
| A | 387,283 | 377,837 | \$1,652.300.00 | 374,789 | 365,648 | \$1,583,400.00 | 387,283 | 377.837 | \$1,462,890.00 |
| 2 . B | 20,000 | 19,512 | \$83,700.00 | 321,358 | 313,520 | \$1,210,950.15 | 0 | 0 | 50,00 |
| 3.0 | 0 | 0 | sc.00 | 14.538 | 14,183 | \$55,500.00 | 0 | 0 | 50.00 |
| 4.0 | 0 | 0 | \$0.00 | - | 0 | \$0.00 | 0 | 0 | 50.00 |
| 5. | 385,838 | 380,330 | \$1,616,290.00 | 0 | 0 | \$0.00 | 0 | 0 | 50.00 |
| 6. | 0 | - | \$0.00 | 0 | 0 | \$0.00 | 0 | 0 | \$0.00 |
| $7 . \quad$ G | 0 | 0 | \$0.00 | 0 | 0 | \$0.00 | 434,000 | 423.415 | \$1,587,110.00 |
| $8 . \mathrm{H}$ | 0 | 0 | \$0.00 | 0 |  | \$0.00 | 178,684 | 174.326 | \$678,900.00 |
| 9 | 115,357 | 112.543 | \$485.650.00 | 78,201 | 76,294 | \$300.180.00 | 505.011 | 492,694 | \$1.882,032.93 |
| 10. | 0 | 0 | \$0.00 | 290,730 | 283,639 | \$1,134,500.00 | 0 | 0 | \$0.00 |
| 14.1 K | 0 | 0 | \$0.00 | 299,399 | 292,097 | \$1,144,425.22 | 310,000 | 302.439 | \$1,133.650.00 |
| 12. L | 0 | 0 | 50.00 | 45,347 | 45,217 | \$189,200.00 | 0 | 0 | \$0.00 |
| 13. M | 285,000 | 278.049 | \$1.222.362.80 | 199,221 | 194,362 | \$844,576.32 | 342.000 | 333,659 | \$4,295,253.60 |
| 14. | 19,212 | 18.743 | 577,400.00 | 0 |  | \$0.00 | 0 | 0 | \$0.00 |
| 15.0 |  | 0 | 50.0 | 259.350 | 253.025 | \$1,101,600,00 | 267,995 | 261.459 | \$1.018,350.00 |
| 16. P | 15,340 | 18,868 | \$83,100.00 | 0 | 0 | \$0.00 | 0 | 0 | \$0.00 |
| 17.0 Q | 327.565 | 319,576 | \$1,331,460.00 | 92.78 | 90,515 | \$361,120.00 | 0 | 0 | \$0.00 |
| 18. | 0 | 0 | 50,00 | 347,457 | 338,982 | \$1,357,800.00 | 359,197 | 350,436 | \$1,327,680.c0 |
| 15. | 56.858 | 65,227 | \$272,256.00 | 123,578 | 720.554 | \$473,440.00 | 33,714 | 32,892 | \$127,575.00 |
| 20. | 0 | 0 | \$0,00 | 0 | 0 | 50.00 | 359,972 | 351,192 | \$1,327.680.00 |
|  | 1,630,453 | 1,590,685 | \$6,824,518.80 | 2,447,746 | 2,388,046 | \$0,745,691.69 | 3,177,856 | 3,100,349 | \$11,841,121.53 |
| NO-NOTICE SERVICE ['NNST STORAGE: |  |  |  |  |  |  |  |  |  |
| 1. WITHDRAWALS | 0 | 0 | \$0.00 | 0 | 0 | \$0.00 | 24,683 | 24,089 | \$93,047.51 |
| 2. INJECTIONS | (833,362) | (813,035) | (\$3,491,203.43) | (752,804) | (773.467) | (53,288,075.31) | (142,242) | (138,773) | ( $\$ 536,209.67$ ) |
| 3. ADJUSTMENTS | (251) | $(8,503)$ | (\$1,03296) | 2137 | $(10,900)$ | \$8,952.53 | 2,290 | (7.004) | \$9,497.55 |
| 4. ADJUSTMENTS | 0 | 0 | \$136.41 | 。 | 0 | (\$1.319.38) | 0 | 0 | ( $\$ 1,377.90)$ |
| 5. ADJUSTMENTS | 0 | 0 | 50.00 | 0 | 0 | \$0.00 | 0 | 0 | 50.00 |
| 6. ADJUSTMENTS | 0 | 0 | \$514.517.70 | 0 | 0 | \$456.258.71 | 0 | 0 | \$24.424.05 |
| NET NNS STORAGE | (830,613) | (827,539) | (S2,977,582,28) | (790,667) | (784,367) | (\$2,824,183,45) | (145,269) | (121,695) | (5410,558.45) |
| NATURAL GAS TRANSPDRTERS: |  |  |  |  |  |  |  |  |  |
| 1. TEXAS GAS TRANSMISSION, LLC |  |  | \$37,563.81 |  |  | \$61,599.07 |  |  | \$145,552,04 |
| 2. ADJUSTMENTS | 0 | 28.522 | (\$16.13) | 0 | 25,285 | 5134.79 | 0 | 28,428 | \$144.58 |
| 3. ADJUSTMENTS | 0 | 0 | \$0.00 | 0 | 0 | \$0.00 | 0 | 0 | 50.00 |
| TOTAL | 756.840 | 798,088 | \$37,547,68 | 1,657,079 | 1,628,954 | 551,733.86 | 3.062,587 | 3,007,081 | \$145,696.62 |
| TOTAL COMMODTY ANO VOLUMETRIC CHARGES |  |  | \$3,884,484.20 |  |  | 56,983.242.10 |  |  | \$11,576,259.70 |
| demand and fixed charges: |  |  |  |  |  |  |  |  |  |
| 1. TELAS GAS TRANSMISSION, LLC |  |  | 5942,283,60 |  |  | \$912,468.00 |  |  | \$542,883.60 |
| 2. ADJUSTMENTS |  |  | \$0.00 |  |  | \$0.00 |  |  | 50.00 |
| 3. SUPPLY RESERVATION CHARGES |  |  | \$138,754.50 |  |  | \$133,731.38 |  |  | \$138,936.42 |
| 4. ADJUSTMENTS |  |  | \$0.00 |  |  | 50,00 |  |  | \$0.00 |
| 5. CAPACITY RELEASE CREDITS |  |  | 50.00 |  |  | \$0.00 |  |  | \$0.00 |
| 6. ADJUSTMENTS |  |  | 50.00 |  |  | \$0.00 |  |  | \$0.00 |
| TOTAL DEMAND AND FIXED CHARGES |  |  | \$1,081,638.10 |  |  | \$7,046,199.38 |  |  | \$1,081,820.02 |
| TOTAL PURCHASED GAS COSTS - TEXAS GAS TRANSMLSSION, LLC |  |  | \$4,566.122.30 |  |  | \$8,029.441.48 |  |  | \$12,658,079.72 |

LOUISVILLE GAS AND ELECTRIC COMPANY
SUMMARY OF GAS PURCHASES AND COSTS BY SUPPLIER
FOR THE 3 MONTH PERICD FROM MAY 2013 THROUGH JUEY 201 COMMODTY AND VOL NMODTTY AND VOLUMEIRIC CHARGES:
NATURAL GAS SUPPLIERS:
1.
3.
3.

## $\stackrel{u}{v}$

$\begin{array}{ll}3 . & v \\ 2 . & w\end{array}$
NATURAL GAS TRANSPORTERS

1. TENNESSEE GAS PIPELINE COMPANY, LLC
2. TENNESSEE GAS PIPELINE COMPANY, LC
3. ADJUSTMENTS
4. ADJUSTMENTS

TOTAL
TOTAL COMMODITY AND VOLUMETRIC CHARGES

DEMAND AND FIXED CHARGES:

1. TENNESSEE GAS PIPELINE COMPANY, LIC
2. TENNESTEE GAS PIFELNE COMPA
3. ADJUTMENTS
4. SUPPLY RESERVATION CHARGES
5. SUPPLY RESER
6. ADJUSTMENTS
7. CAPACTY RELEASE CREDITS
8. ADJUSTMENTS


TOTAL DEMAND AND FIXED CHARGES
TOTAL PURCHASED GAS COSTS - TENNESSEE GAS PIPELINE COMPANY LLC

$\$ 164.268 .00$
$\$ 163.637 .65$

## OTHER PURCHASES

CASH-DUT OF CUSTOMER OVER-DELIVERIE TOTAL

TOTAL PURCHASED GAS COSTS - ALL PIPELINES


$164,268.00$
50.00
$\$ 0.00$
50.00
$\$ 0.00$ $\$ 0.00$
$\$ 0.00$
$\$ 0.00$
$\$ 164,258.00$
$\$ 2.589 .901 .31$

$\$ 154,268.00$ $\$ 0.00$
$\$ 0.00$ $\$ 0.00$
$\$ 0.00$ $\$ 50.00$ 50.00
$\$ 164,268,00$
$\begin{array}{r}52.453 .738 .70 \\ \hline\end{array}$

3.582,102

3,610.146 $\$ 15,149,839.19$

# LOUISVILLE GAS AND ELECTRIC COMPANY 

## Gas Supply Clause: 2013-00XXX

## Calculation of Gas Cost Balance Adjustment (GCBA)

The purpose of this adjustment is to compensate for any over- or under-recoveries remaining from prior Gas Cost Actual Adjustments and Gas Cost Balance Adjustments. The over-recovery that must be returned under the Gas Cost Balance Adjustment (GCBA) during the period of November 1, 2013 through January 31, 2014, set forth on Page 1 of Exhibit C-1, is $\$ 3,433$. The GCBA factor required to return this over-recovery is a refund of $.042 \phi$ per 100 cubic feet. LG\&E will place this refund into effect with service rendered on and after November 1, 2013 and continue for three months.

In this filing, LG\&E will also be eliminating the GCBA from Case 2013-00253, which, with service rendered through October 2013, will have been in effect for three months. Any over- or underrecovery of the amount originally established will be transferred to the GCBA which will be implemented in LG\&E's next Gas Supply Clause filing with service rendered on and after November 1, 2013.

## LOUISVILLE GAS AND ELECTRIC COMPANY

Calculation of Quarterly Gas Cost Balance Adjustment
To Compensate for Over or (Under) Recoveries
From the Gas Cost Actual Adjustment (GCAA) and
Gas Cost Balance Adjustment (GCBA)


1 See Exhibit C-1, page 2.
2 Corresponds with actual applicable sales shown on Exhibit B-1, page 2.
3 For The Three-Month Period From November 1, 2013 ihrough January 31, 2014
4 Reconciliation of the PBRCC from previous twelve months.
5 This amount represents an over-refund by LG\&E from Case No. 2007-00141 due to an input error as explained in Exhibit B in Case No. 2007-00559. This adjustment corrects that error.
6 Of the total of $\$ 416,195, \$(42,762)$ represents the reconciliation of the PBRCC from previous twelve months, and $\$ 458,957$ represents the total over-recovery related to misstated sales as corrected in this filing.
7 This amount represents the (Over)Under refund by LG\&E from the Tennessee Gas Pipeline Company Refund from the previous twelve months.

Amount of Over (Under) Recovery - See Exhibit B-1, Page 1


| April | $2,828,499$ |  |  |  |
| :--- | :--- | :--- | :--- | :--- |
| May | $1,553,116$ | 852,724 | 700,392 | (3) |
| June | $1,037,087$ |  |  | (1) |


|  | June | 1,037,087 |  |  | (1) |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | July | 771,444 |  |  | (1) |
|  | August | 770,697 | 345,110 | 425,587 | (1) |
|  | September | 798,228 |  |  | (1) |
|  | October | 1,080,900 |  |  | (1) |
|  | November | 2,056,028 | 1,015,706 | 1,040,323 | (1) |
|  | December | 3,544,651 |  |  | (1) |
| 2012 | January | 5,249,746 |  |  | (1) |
|  | February | 4,984,372 | 2,640,364 | 2,344,008 | (1) |
|  | March | 3,524,631 |  |  | (1) |
|  | April | 1,438,443 |  |  | (1) |
|  | May | 1,168,380 | 648,366 | 520,014 | (2) |
|  | June | 858,336 |  |  |  |
|  | July | 732,114 |  |  |  |
|  | August | 669,221 | 322,483 | 346,738 |  |
|  | September | 771,935 |  |  |  |
|  | October | 1,057,708 |  |  |  |
|  | November | 2,550,560 | 1,141,168 | 1,409,392 |  |
|  | December | 3,536,106 |  |  |  |
| 2013 | January | 5,558,991 |  |  |  |
|  | February | 5,622,368 | 3,070,092 | 2,552,276 |  |
|  | March | 5,210,138 |  |  |  |
|  | April | 3,634,272 |  |  |  |
|  | May | 1,572,218 | 968,100 | 604,118 |  |
|  | June | 968,381 |  |  |  |
|  | Juty | 809,923 |  |  |  |
|  | August | 850,108 | 475,737 | 374,371 |  |

Total Amount Billed Under GCAA
Remaining Amount of Over (Under) Recovery

(\$1,732,805)

| Amount |
| :---: |
| Biled |
| Under |
| 5.43 |
| cents per Mcf |


$\$ 291,165$

| Amount | Amount |
| :---: | :---: |
| Billed | Billed |
| Under | Under |
| -0.92 | -6.58 |
| cents per Mcf | cents per Mcf |


$\$ 2,079,269$

$\$ 3,070,230$

| Amount |
| :---: |
| Billed |
| Under |
| -9.75 |
| cents per Mcf |


| GCAA |
| :---: |
| Case No. |
| $2011-00523$ |
| August 1,2012 |
| $(\$ 2,904,689)$ |
|  |
| Amount |
| Billed |
| Under |
| 9.23 |
| cents per Mcf |


| $23,109.37$ | $(3)$ |
| ---: | ---: |
| $43,343.77$ | $(1)$ |
| $58,692.87$ | $(1)$ |
| $111,642.33$ | $(1)$ |
| $192,474.54$ | $(1)$ |
| $285,061.22$ | $(1)$ |
| $270,651.42$ | $(1)$ |
| $191,387.46$ | $(1)$ |
| $78,107.47$ | $(1)$ |
| $63,443.04$ | $(1)$ |
| $46,607.62$ | $(1)$ |
| $39,753.81$ | $(1)$ |
| $17,510.83$ | $(2)$ |


| $(9,570.97)$ | $(3)$ |
| ---: | ---: |
| $(32,610.79)$ | $(1)$ |
| $(48,297.67)$ | $(1)$ |
| $(45,856.23)$ | $(1)$ |
| $(32,426.61)$ | $(1)$ |
| $(13,233.68)$ | $(1)$ |
| $(10,749.10)$ | $(1)$ |
| $(7,896.69)$ | $(1)$ |
| $(6,735.45)$ | $(1)$ |
| $(6,156.83)$ | $(1)$ |
| $(7,101.80)$ | $(1)$ |
| $(9,730.91)$ | $(1)$ |
| $(10,498.75)$ | $(2)$ |


| $(154,235.73)$ | (3) |  |  |  |  |
| ---: | ---: | ---: | ---: | ---: | ---: |
| $(231,920.72)$ | $(1)$ |  |  |  |  |
| $(94,649.57)$ | $(1)$ |  |  |  |  |
| $(76,879.41)$ | $(1)$ | $(50,701.37)$ | $(3)$ |  |  |
| $(56,478.48)$ | $(1)$ | $(83,687.72)$ | $(1)$ |  |  |
| $(48,173.12)$ | $(1)$ | $(71,381.14)$ | $(1)$ |  |  |
| $(44,034.74)$ | $(1)$ | $(65,249.04)$ | $(1)$ | $32,003.88$ | $(3)$ |
| $(50,793.30)$ | $(1)$ | $(75,263.63)$ | $(1)$ | $71,249.57$ | $(1)$ |
| $(69,597.17)$ | $(1)$ | $(103,126.51)$ | $(1)$ | $97,626.43$ | $(1)$ |
| $(167,826.87)$ | $(1)$ | $(248,679.64)$ | $(1)$ | $235,416.72$ | $(1)$ |
| $(232,675.76)$ | $(1)$ | $(344,770.31)$ | $(1)$ | $326,382.56$ | $(1)$ |
| $(365,781.63)$ | $(1)$ | $(542,001.66)$ | $(1)$ | $513,094.91$ | $(1)$ |
| $(202,012.03)$ | $(2)$ | $(548,180.85)$ | $(1)$ | $518,944.54$ | $(1)$ |
|  |  | $(507,988.47)$ | $(1)$ | $480,895.76$ | $(1)$ |
|  |  | $(354,341.56)$ | $(1)$ | $335,443.34$ | $(1)$ |
|  |  | $(94,389.79)$ | $(2)$ | $145,115.72$ | $(1)$ |
|  |  |  |  | $89,381.54$ | $(1)$ |
|  |  |  |  | $74,755.87$ | $(1)$ |
|  |  |  |  | $43,910.54$ | $(2)$ |

1,421,786
$(240,865)$
$(1,795,059)$
(3,089,762)

2,964,221
(1) GCAA Times Sales Shown in Column 1
(2) GCAA Times Sales Shown in Column 2
(3) GCAA Times Sales Shown in Column 3

## LOUISVILLE GAS AND ELECTRIC COMPANY

## Gas Supply Clause: 2013-00XXX

As shown on Exhibit D-1, the Company received no refunds this quarter and does not
expect any more from this particular FERC case.
Since the amounts were charged to and allocated from LG\&E's demand customers on a demand basis, the refunds must now also be credited on a demand basis. Therefore, the Refund Factor will be as follows:

## Current Quarter Refund Factor:

Effective November 1, 2013
(0.000) cents/Ccf

1st Previous Quarter Refund Factor:
Effective August 1, 2013
2nd Previous Quarter Refund Factor:
Effective May 1, 2013
(0.000) cents/Ccf

3rd Previous Quarter Refund Factor:
Effective February 1, 2013
(0.000) cents/Ccf

Total Refund Factor (RF)
(0.000) cents/Cef

## LOUISVILLE GAS AND ELECTRIC COMPANY

Gas Supply Clause 2013-000XX
Calculation of Refund Factor

| (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Start Date | End Date | Case Number | Total Cash Refund Related to Demand | Plus Interest on Refundable Amount | Expected Refund Obligation Including Interest | Expected Mcf Sales for the 12month Period | Refund Factor per $\operatorname{Mcf}(\$ / \mathrm{Mcf})$ | Refund Factor per Ccf (cents/Ccf) |
|  |  |  |  |  | $(4)+(5)$ |  | (6)/ (7) |  |
| Feb-2013 | Jan-2014 | (Case No. 2012-00591) | \$ | \$ |  |  |  |  |
| May-2013 | Apr-2014 | (Case No. 2013-00126) | \$ | \$ - | \$ | $32,973,064$ $32,868,591$ | \$ | - ${ }^{6}$ |
| Aug-2013 | Jul-2014 | (Case No. 2013-00253) | \$ | \$ | \$ | 32,844,568 | \$ | - 8 |
| Nov-2013 | Oct-2014 | (Case No. 2013-00xxx) | \$ | \$ | \$ | 30,744,040 | \$ | - $¢$ |

## LOUISVILLE GAS AND ELECTRIC

## Gas Supply Clause: 2013-00xxx Calculation of Performance Based Rate Recovery Component (PBRRC)


#### Abstract

The purpose of the PBRRC is to collect Louisville Gas and Electric Company's portion of the savings created under the gas supply cost PBR. In accordance with the Orders of the Commission in Case No. 2001-00017 dated October 26, 2001, and Case No. 2005-00031 dated May 27, 2005, LG\&E is making this filing, the PBRRC established in Case No. 2008-00564, became applicable to gas service rendered on and after February 1, 2010 and remained in effect until January 31, 2011, after which time a new adjustment level was implemented. Therefore, as shown in the following table, the PBRRC amount which became effective with gas service rendered on and after February 1, 2013, and will remain in effect until January 31, 2014, is $\$ 0.00156$ and $\$ 0.01137$ per 100 cubic feet for sales and Rate TS volumes, respectively:


Sales Volumes

| Commodity-Related Portion | $\$ 0.00156 / \mathrm{Ccf}$ <br> Demand-Related Portion <br> Total PBRRC |
| :---: | :---: |
| $\$ 0.01137 / \mathrm{Ccf}$ |  |
| $\$ 0.01293 / \mathrm{Ccf}$ |  |

## Transportation Volumes

$\$ 0.00000 / \mathrm{Ccf}$
$\$ 0.01137 / \mathrm{Ccf}$
$\$ 0.01137 / \mathrm{Ccf}$

Please note that Louisville Gas and Electric Company's tariff sales volumes receive both the commodity-related and demand-related portion of the PBRRC. Transportation volumes under Rate TS receive only the demand-related portion of the PBRRC.

## LOUISVILLE GAS AND ELECTRIC COMPANY

Gas Supply Clause 2013-000XX
Calculation of Performance Based Rate Recovery Component (PBRRC) Effective February 1, 2013

CSPBR
Related to Commodity

CSPBR Related to Demand
Shareholder Portion of PBR \$513,998 \$3,748,012

Expected Mcf Sales for the 12 month period beginning

32,921,978 32,973,064
February 1, 2013
PBRRC factor per Mcf
$\$ 0.0156$
$\$ 0.1137$
PBRRC factor per Ccf
$\$ 0.00156$
$\$ 0.01137$

# LOUISVILLE GAS AND ELECTRIC COMPANY 

Gas Supply Clause 2013-000XX<br>Shareholder Portion of PBR Savings<br>PBR Year 16

Split between Demand (Fixed) and Commodity (Volumetric) Components As Determined in LG\&E's Fourth Quarterly PBR Filing
Commodity Demand Total

Company Share of
PBR Savings or
(Expenses)
(CSPBR)
\$513,998
\$3,748,012
$\$ 4,262,010$

## LOUISVILLE GAS AND ELECTRIC

Gas Supply Clause: 2013-00xxx Gas Cost True-Up Charge Applicable to Customers Served Under Rate FT and Rider TS-2

The purpose of the Gas Cost True-Up is to collect or refund any under- or over-collected gas costs incurred by transportation customers in previous quarters. Pursuant to the Order dated December 20, 2012, in Case No. 2012-00222, the charge (or credit) applies only to those transportation customers that were previously Louisville Gas and Electric Company sales customers. These under- or over-collected amounts (in the form of the GCAA, GCBA, and PBRRC) that transferring customers would have paid as sales customers will be applied for eighteen months. Therefore, as shown in the following table, the charge (or credit) which will be effective for any customers transferring from an LG\&E sales rate to one of its transportation rates effective November 1, 2012 and November 1, 2013 is respectively:

With Service Elected Effective

GCAA
GCBA
PBRRC
Total
November 1, 2012 $\$ 0.0000 / \mathrm{Mcf} \quad \$(0.0042) / \mathrm{Mcf} \quad \$ 0.0000 / \mathrm{Mcf} \quad \$(0.0042) / \mathrm{Mcf}$
November 1,2013 $\quad \$ 0.2782 / \mathrm{Mcf} \quad \$(0.0042) / \mathrm{Mcf} \quad \$ 0.1293 / \mathrm{Mcf} \quad \$ 0.4033 / \mathrm{Mcf}$

## LOUISVILLE GAS AND ELECTRIC COMPANY

|  | Gas Supply Clause 2013-00xxx <br> Gas Cost True-Up Charge Applicable to Customers <br> Served Under Rate FT and Rider TS-2 |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| With Service Elected Effective | GCAA/Mcf | GCBA/Mcf | PBRRC/Mcf | Total/Mcf |
| $(1)$ | $(2)$ | $(3)$ | $(4)$ | $(2)+(3)+(4)$ |
| November 1, 2012 | $\$ 0.0000$ | $(\$ 0.0042)$ | $\$ 0.0000$ | $(\$ 0.0042)$ |
| November 1, 2013 | $\$ 0.2782$ | $(\$ 0.0042)$ | $\$ 0.1293$ | $\$ 0.4033$ |



# EFFECTIVE RATES FOR RATE TS TRANSPORTATION SERVICE 

## GAS SERVICE RATES EFFECTIVE WITH SERVICE RENDERED FROM <br> November 1, 2013 through January 31, 2014

|  |  | RATEPERMCF |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |
|  |  |  | PIPELINE |  |  |
| ADMIN | BASIC | LG\&E | SUPPLIER'S | DSM COST |  |
| CHARGE | SERVICE | DIST | DEMAND | RECOVERY |  |
| (PERMONTH | CHARGE | CHARGE | COMPONENT | COMPONENT | TOTAL |

## RATE TS

RATE CGS - COMMERCIAL
Meter Capacity < $5000 \mathrm{cf} / \mathrm{hr}$ Meter Capacity $>=5000 \mathrm{cf} / \mathrm{hr}$
$\$ 400.00$
$\$ 35.00$ $\$ 175.00$ APRIL THRU OCTOBER FIRST 100 MCF/MONTH OVER $100 \mathrm{MCF} / \mathrm{MONTH}$ NOVEMBER THRU MARCH ALL MCF

RATE IGS - INDUSTRIAL
Meter Capacity $<5000 \mathrm{cf} / \mathrm{hr}$ Meter Capacity $>=5000 \mathrm{cf} / \mathrm{hr}$
APRIL THRU OCTOBER
FIRST 100 MCF/MONTH

| $\$ 2.1452$ | $\$ 0.8758$ | $\$ 0.0000$ |
| :--- | :--- | :--- |
| $\$ 1.6452$ | $\$ 0.8758$ | $\$ 0.0000$ |

$\$ 3.0210$ $\$ 2.5210$ ALL MCF
$\$ 400.00$
$\$ 35.00$

$\$ 2.1452$
$\$ 0.8758$
$\$ 0.0000$
$\$ 3.0210$

L G \& E

# Charges for Gas Transportation Services Provided Under Rate FT 

November 1, 2013 through January 31, 2014
Transportation Service:
Monthly Transportation Administrative Charge ..... $\$ 400.00$
Distribution Charge / Mcf Delivered ..... $\$ 0.4300$
Ancillary Services:
Daily Demand Charge\$0.1521
Daily Storage Charge ..... $\$ 0.1833$
Utilization Charge per Mcf for Daily Balancing ..... $\$ 0.3354$

| Cash-Out Provision for Monthly Imbalances | Percentage to be <br>  <br>  <br>  <br>  <br>  <br> Mulitplied by by <br> . |
| :--- | :--- |

Cash-Out Provision for Monthly Imbalances:
Where Usage is Greater than Transported Volume - Billing:
First 5\% or less ..... 100\%
next 5\% ..... 110\%
next 5\% ..... 120\%
next 5\% ..... 130\%
$>$ than 20\% ..... $140 \%$
Where Transported Volume is Greater than Usage - Purchase:
First 5\% or less ..... 100\%
next 5\% ..... 90\%
next 5\% ..... 80\%
next 5\% ..... 70\%
$>$ than 20\% ..... 60\%

[^1]-
-

O

## Louisville Gas and Electric Company

P.S.C. Gas No. 9, Fourth Revision of Original Sheet No. 85

## APPLICABLE TO

All gas sold.

Canceling P.S.C. Gas No. 9, Third Revision of Original Sheet No. 85 GSC
Gas Supply Clause
Adjustment Clause

## GAS SUPPLY COST COMPONENT (GSCC)

Gas Supply Cost $\$ 0.47704$ ..... R
Gas Cost Actual Adjustment (GCAA) 0.02782 ..... R
Gas Cost Balance Adjustment (GCBA) ..... (0.00042)RRefund Factors (RF) continuing for twelvemonths from the effective date of each oruntil Company has discharged its refundobligation thereunder:

| Refund Factor Effective August 1, 2012 | 0.00000 |
| :--- | :--- |
| Refund Factor Effective November 1, 2012 | 0.00000 |
| Refund Factor Effective February 1, 2013 | 0.00000 |
| Refund Factor Effective May 1, 2013 | 0.00000 |
| Total Refund Factor | 0.00000 |

Performance-Based Rate Recovery Component (PBRRC)0.01293
Total Gas Supply Cost Component Per 100 Cubic Feet (GSCC) $\$ 0.51737$R
Date of Issue: September 30, 2013
Date Effective: November 1, 2013
Issued By: /s/Edwin R. Staton, Vice President State Regulation and Rates Louisville, Kentucky
Issued by Authority of an Order of the Public Service Commission in Case No.dated

# LOUISVILLE GAS AND ELECTRIC COMPANY 

## Supporting Calculations For The

Gas Supply Clause

2013-00XXX

## For the Period

November 1, 2013 through January 31, 2014

## LOUISVILLE GAS AND ELECTRIC COMPANY

Derivation of Gas Supply Component Applicable to Service Rendered On and After November 1, 2013

2013-00xxx

| Description |  |  |
| :---: | :---: | :---: |
|  | Unit | Amount |
| Total Expected Gas Supply Cost | \$ | 67,864,976 |
| Total Expected Customer Deliveries: November 1, 2013 through January 31, 2014 | Mcf | 14,226,246 |
| Gas Supply Cost Per Mcf | S/Mcf | 4.7704 |
| Gas Supply Cost Per 100 Cubic Feet | ¢/Ccf | 47.704 |


| Description |  |  | Unit | Amount |
| :---: | :---: | :---: | :---: | :---: |
| Current Quarter Actual Adjustment | Eff. November 1, 2013 | 2013-00126 | ¢/Ccf | (0.138) |
| Previous Quarter Actual Adjustment | Eff. August 1, 2013 | 2012-00591 | $\phi / \mathrm{Ccf}$ | 1.294 |
| 2nd Previous Qrt. Actual Adjustment | Eff. May 1, 2013 | 2012-00446 | $\phi / \mathrm{Ccf}$ | 1.691 |
| 3rd Previous Qrt. Actual Adjustment | Eff. February 1, 2013 | 2012-00286 | $\phi / \mathrm{Ccf}$ | (0.065) |
| Total Gas Cost Actual Adjustment (GCAA) |  |  | $\phi / \mathrm{Ccf}$ | 2.782 |


| Description | Unit | Amount |
| :---: | :---: | :---: |
| Balance Adjustment Amount | \$ | $(59,676)$ |
| Total Expected Customer Deliveries: November 1, 2013 through January 31, 2014 | Mcf | 14,226,246 |
| Gas Cost Balance Adjustment (GCBA) Per Mcf | \$/Mcf | (0.0042) |
| Gas Cost Balance Adjustment (GCBA) Per 100 Cubic Feet | d/Ccf | (0.042) |

Refund Factors (RF) - See Exhibit D for Detail

| Description |  | Unit | Amount |
| :---: | :---: | :---: | :---: |
| Refund Factor Effective: |  |  |  |
| Current Quarter Refund Factor | Eff. November 1, 2013 | ¢/Ccf | 0.000 |
| 1st Previous Quarter Refund Factor | Eff. August 1, 2013 | ¢/Cof | 0.000 |
| 2nd Previous Quarter Refund Factor | Eff. May 1, 2013 | $\phi / \mathrm{Cof}$ | 0.000 |
| 3rd Previous Quarter Refund Factor | Eff. February 1, 2013 | ¢/Ccf | 0.000 |
| Total Refund Factors Per 100 Cubic Feet |  | $\phi / \mathrm{Ccf}$ | 0.000 |


| Description | Unit | Amount |
| :---: | :---: | :---: |
| Performance-Based Rate Recovery Component (PBRRC) | $\phi / \mathrm{Ccf}$ | 1.293 |
| Total of PBRRC Factors Per 100 Cubic Feet | $\varphi / \mathrm{Ccf}$ | 1.293 |


| Description | Unit | Amount |
| :---: | :---: | :---: |
| Gas Supply Cost | ¢/Ccf | 47.704 |
| Gas Cost Actual Adjustment (GCAA) | $\phi / \mathrm{Ccf}$ | 2.782 |
| Gas Cost Balance Adjustment (GCBA) | ¢/Cof | (0.042) |
| Refund Factors (RF) | $\phi / \mathrm{Ccf}$ | 0.000 |
| Perfomance-Based Rate Recovery Component (PBRRC) | $\phi / \mathrm{Ccf}$ | 1.293 |
| Total Gas Supply Cost Component (GSCC) | $\phi / \mathrm{Ccf}$ | 51.737 |

## LOUISVILLE GAS AND ELECTRIC COMPANY

Calculation of Gas Supply Costs
For the Three-Month Period From November 1, 2013 thru January 31, 2014

| Line No. | MMBIII | Nov-2013 | Dec-2013 | Jan-2014 | Total |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 1 | Expected Gas Supply Transported Under Texas' No-Notice Service (Forward Haul) | 1,373,301 | 1,740,357 | 1,656,409 | 4,770,067 |
| 2 | Expected Gas Supply Transported Under Texas' No-Notice Service (Back Haul) | 0 | 0 | 0 | 0 |
| 3 | Expected Gas Supply Transported Under Texas' Rate FT (Forward Haul) | 300,000 | 310,000 | 310,000 | 920,000 |
| 4 | Expected Gas Supply Transported Under Texas' Rate FT (Back Haul) | 0 | 0 | 0 | 0 |
| 5 | Expected Gas Supply Transported Under Texas' Rate STF (Forward Haul) | 0 | 0 | 0 | 0 |
| 6 | Expected Gas Supply Transported Under Texas' Rate STF (Back Haul) | 0 | 0 | 0 | 0 |
| 7 | Expected Gas Supply Transported Under Tern.'s Rate FT-A (Zone 0) | 600,000 | 620,000 | 620.000 | 1,840,000 |
| 8 | Total MMBtu Purchased | 2,273,301 | 2,670,357 | 2,586,409 | 7,530,067 |
| 9 | Plus' Withdrawals from Texas Gas' NNS Storage Service | 361,620 | 727,6,48 | 636,730 | 1,725,998 |
| 10 | Less: Injections into Texas Gas' NNS Storage Service | 0 | 0 | 0 | 0 |
| 11 | Expected Monthly Deliveries from TGT/TGPL to LG\&E (excluding transportation volumes under LG\&E Rate TS) | 2,634,921 | 3,398,005 | 3,223,139 | 9,256,065 |
|  | Mcf |  |  |  |  |
| 12 | Total Purchases in Mcf | 2,217,855 | 2,605,226 | 2,523,326 |  |
| 13 | Plus Withdrawals from Texas Gas' NNS Storage Service | 352,800 | 709,900 | 621,200 |  |
| 14 | Less Injections Texas Gas' NNS Storage Service | 0 | - 0 | 0 |  |
| 15 | Expected Monthly Deliveries from TGT/TGPL to LG\&E (excluding transportation volumes under LG\&E Rate TS) | 2,570,655 | 3,315,126 | 3,144,526 |  |
| 16 | Plus. Customer Transportation Volumes under Rate TS | 4.319 | अ,0\% | 15677 |  |
| 17 | Total Expected Monthly Deliveries from TGT/TGPL to LG\&E (Line $15+$ Line 16) | 2,578,904 | 3,324,134 | 3,154,599 |  |
| 18 | Less. Purchases for Depts. Other Than Gas Dept | 85 | 19.6 | 3,407 |  |
| 19 | Less. Purchases Injected into LG\&E's Underground Storage | 258173 | 0 | 11 |  |
| 20 | Mcf Purchases Expensed during Month (Line 15-Line 18-Line 19) | 2,317,596 | 3,314,108 | 3,141,119 | 8,772,823 |
| 21 | LG\&E's Storage Inventory - Beginning of Month | 14,290,001 | 13,750,001 | 11,610,001 |  |
| 22 | Plus Storage Injections into LG\&E's Underground Storage (Line 19) | 252,173 | 0 | - 0 |  |
| 23 | LG\&E's Storage Inventory - Including Injections | 14,542,174 | 13,750,001 | 11,610,001 |  |
| 24 | Less: Storage Withdrawals from LG\&E's Underground Storage | 7 mma | 2600022 | 32.37 .61 | 6,055,323 |
| 25 | Less. Storage Losses | 32173 | 4:378 | 15.299 | 146.850 |
| 26 | LG\&E's Storage Inventory - End of Month | 13,750,001 | 11,610,001 | 8,340,001 |  |
| 27 | Mef of Gas Supply Expensed during Month (Line 20 + Line $24+$ Line 25) | 3,109,769 | 5,454,108 | 6,411,119 | 14,974,996 |
|  | Cost |  |  |  |  |
| 28 | Total Demand Cost - Including Transportation (Line $17 \times$ Line 52) | \$1,965,383 | \$2.533,323 | \$2,404,120 |  |
| 29 | Less. Demand Cost Recovered thru Rate TS (Line $16 \times$ Line 52) | 6,287 | 6.865 | 7.677 |  |
| 30 | Demand Cost - Net of Demand Costs Recovered thru LG\&E Rate TS | \$1,959,096 | \$2,526,458 | \$2,396,443 |  |
| 31 | Commodity Costs - Gas Supply Under NNS (Forward Haul) (Line $1 \times$ Line 53) | 5,269,768 | 6,986,315 | 6.813.141 |  |
| 32 | Commodity Costs - Gas Supply Under NNS (Backward Haul) (Line $2 \times$ Line 54) | 0 | 0 | 0 |  |
| 33 | Commodity Costs - Gas Supply Under Rate FT (Forward Haul) (Line $3 \times$ Line 55) | 1,128,840 | 1,220,842 | 1.251.253 |  |
| 34 | Commodity Costs - Gas Supply Under Rate FT (Backward Haul) (Line $4 \times$ Line 56) | 0 | 0 |  |  |
| 35 | Commodity Costs - Gas Supply Under Rate STF (Forward Haul) (Line $5 \times$ Line 57) | 0 | 0 | 0 |  |
| 36 | Commodity Costs - Gas Supply Under Rate STF (Backward Haul) (Lne $6 \times$ Line 58) | 0 | 0 | ${ }^{0}$ |  |
| 37 | Commodity Costs - Gas Supply Under Rate FT-A Zone 0 (Line $7 \times$ Line 59) | 2,224,800 | 2,406,964 | 2,467,290 |  |
| 38 | Total Purchased Gas Cost | \$10,582,504 | \$13,140,579 | \$12,928,127 | \$36,651,210 |
| 39 | Plus: Withdrawals from NNS Storage (Line $9 \times$ Line 53) | 1,387,644 | 2,920,997 | 2,618,998 | 6,927,639 |
| 40 | Less: Purchases Injected into NNS Storage (Line $10 \times$ Line 53) | 0 | 0 | 0 | 0 |
| 41 | Total Cost of Gas Delivered to LG\&E | \$11,970,148 | \$16,061,576 | \$15,547,125 | \$43,578,849 |
| 42 | Less: Purchases for Depts. Other Than Gas Dept (Line $18 \times$ Line 60) | 4,126 | 4,932 | 16,845 | 25,903 |
| 43 | Less: Purchases Injected into LG\&E's Storage (Line $19 \times$ Line 60) | 1,174,244 | 0 | 0 | 1,174.244 |
| 44 | Pipeline Deliveries Expensed During Month | \$10,791,778 | \$16,056,644 | \$15,530,280 | \$42,378,702 |
| 45 | LG\&E's Storage Inventory - Beginning of Month | \$58,583,288 | \$56,502.255 | \$47,708,353 |  |
| 46 | Plus: LG\&E Storage Injections (Line 43 above) | 1,174.244 | 0 | 0 |  |
| 47 | LG\&E's Storage Inventory - Including Injections | \$59,757.532 | \$56.502,255 | \$47.708.353 |  |
| 48 | Less LG\&E Storage Withdrawals (Line $24 \times$ Line 61) | 3,040,882 | 8,590,993 | 13,250,94] | \$24,882,816 |
| 49 | Less LG\&E Storage Losses (Line $25 \times$ Line 61) | 214.395 | 202,909 | 186,143 | 603,447 |
| 50 | LG\&E's Storage Inventory - End of Month | \$56,502,255 | \$47,708,353 | \$34,271,269 |  |
| 51 | Gas Supply Expenses (Line $44+$ Line $48+$ Line 49) | \$14,047,055 | \$24,850,546 | $\mathbf{\$ 2 8 , 9 6 7 , 3 6 4}$ | \$67,864,965 |
|  | Unit Cost |  |  |  |  |
| 52 | 12-Month Average Demand Cost - per Mcf (see Paye 2) | \$0.7621 | \$0.7621 | \$0.7621 |  |
| 53 | Commodity Cost (per MMBtu) under Texas Gas's No-Notice Service (Forward Haul) | \$3.8373 | \$4.0143 | \$4.1132 |  |
| 54 | Commodity Cost (per MMBtu) under Texas Gas's No-Notice Service (Back Haut) | \$3.9685 | \$4.1455 | \$4.2444 |  |
| 55 | Commodity Cost (per MMBtu) under Texas Gas's Rate FT (Forward Haul) | \$3.7628 | \$3.9382 | \$4.0363 |  |
| 56 | Commodity Cost (per MMBtu) under Texas Gas's Rate FT (Back Haul) | \$3.7555 | \$3.9255 | \$40205 |  |
| 57 | Commodity Cost (per MMBtu) under Taxs Gas's Rate STF (Forward Haul) | \$3.7628 | \$3.9382 | \$4.0363 |  |
| 58 | Commodity Cost (per MMBtu) under Taxs Gas's Rate STF (Back Haul) | \$3.7892 | \$3.9592 | \$4.0542 |  |
| 59 | Commodiry Cost (per MMBtu) under Tenn Gas's Rate FT-A (Zone 0) | \$3.7080 | \$3.8822 | \$3.9795 |  |
| 60 | Average Cost of Deliveries (Line 41/ Line 15) | \$4.6565 | \$4.8449 | \$4.9442 |  |
| 61 | Average Cost of Inventory - Including Injections (Line 47 / Line 23) | \$4.1093 | \$4.1093 | \$4 1092 |  |
|  | Gas Supply Cost |  |  |  | 14,226,246 |
| 62 | Total Expected Mcf Deliveries (Sales) to Customers November 1, 2013 through January 31, 2014 |  |  |  |  |
| 63 | Current Gas Supply Cost (Line 51 / Line 62) |  |  |  | \$4.7704 |

## LOUISVILLE GAS AND ELECTRIC COMPANY

Calculation Of Various Demand Charges Applicable For the Three-Month Period From November 1, 2013 thru January 31, 2014

## Annual Demand Costs

| Line No. | Pipeline and Rate | Monthly Demand Charge | MMBtu | No. of Months | Annual Demand Costs |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 1 | Texas Gas No-Notice Service (Rate NNS) | \$12.7104 | 119,913 | 12 | \$18,289,706 |
| 2 | Texas Gas Firm Transportation (Rate FT) | \$5.4329 | 10,000 | 12 | 651,948 |
| 3 | Texas Gas Firm Transportation (Rate STF) | \$6.2427 | 10,500 | 12 | 786,580 |
| 4 | Tenn. Gas Firm Transportation (Rate FT-A) | \$8.2134 | 20,000 | 12 | 1,971,216 |
| 5 | Long-Term Firm Contracts with Suppliers (Annualized) |  |  |  | 3,014,551 |
| 6 |  | Total | nual Dem | nd Costs | \$24,714,001 |

## Average Demand Cost per Mcf

| Total Annual Demand Costs (Line 7) | 24,714,001 <br> Expected Annual Deliveries from Pipeline Transporters in Mcf (incl Rate TS) |
| :--- | ---: |
| Average Demand Cost per Mef (Line 8/Line 9) | $\mathbf{3 2 , 4 2 8 , 4 3 5}$ |
| $\mathbf{~} 0.7621$ |  |

Pipeline Supplier's Demand Component Applicable to Billings
Under LG\&E's Gas Transportation Service/Standby - Rate TS

| Average Demand Cost (Line 10) | $\$ 0.7621$ |
| :--- | ---: |
| Refund Factor for Demand Portion of Texas Gas Refund (see Exhibit D) | 0.0000 |
| Performance Based Rate Recovery Component (see Exhibit E) | 0.1137 |

# LOUISVILLE GAS AND ELECTRIC COMPANY 

Gas Supply Clause: 2013-00XXX
Gas Supply Cost Effective November 1, 2013

LG\&E is served by Texas Gas Transmission, LLC ("TGT") pursuant to the terms of the transportation agreements under Rate Schedules NNS-4, FT-4, and STF-4. LG\&E is served by Tennessee Gas Pipeline Company, LLC ("TGPL") pursuant to the terms of a transportation agreement under Rate Schedule FT-A-2. Both TGT and TGPL are subject to regulation by the Federal Energy Regulatory Commission ("FERC").

## Texas Gas Transmission, LLC

## Texas Gas's No-Notice Service (NNS-4)

On August 1, 2013, TGT submitted tariff sheets to the FERC in Docket No. RP13-1163 to comply with FERC's Order No. 776 issued March 21, 2013, eliminating the annual filing requirements for natural gas pipelines that utilize an annual charge adjustment ("ACA") clause to recover Commission-assessed annual charges. Order No. 776 requires pipelines that utilize an ACA clause to make a compliance filing to delete specific references to the currently effective ACA charge and instead incorporate by reference into their tariffs the ACA unit charge specified in the annual notice issued by FERC and posted on its website. Effective October 1, 2013, the ACA charge is $\$ 0.0012 / \mathrm{MMBtu}$. TGT did not otherwise modify its existing rates or otherwise affect the rights or duties of customers.

Attached hereto as Exhibit A-1(a), Page 1, is the tariff sheet for No-Notice Service under Rate NNS-4 which will be applicable on and after November 1, 2013. The tariffed rates are as follows: (a) a daily demand charge of $\$ 0.4190 / \mathrm{MMBtu}$, and (b) a commodity charge of $\$ 0.0626 / \mathrm{MMBtu}$ irrespective of the zone of receipt.

LG\&E has negotiated rate agreements applicable to all three NNS service agreements that result in a monthly demand charge of $\$ 12.7104 / \mathrm{MMBtu}$ and a volumetric throughput charge ("commodity charge") of $\$ 0.0626 / \mathrm{MMBtu}$ irrespective of the zone of receipt.

## Texas Gas's Firm Transportation Service (FT-4)

On August 1, 2013, TGT submitted tariff sheets to the FERC in Docket No. RP13-1163 to comply with FERC's Order No. 776 issued March 21, 2013, eliminating the annual filing requirements for natural gas pipelines that utilize an annual charge adjustment ("ACA") clause to recover Commission-assessed annual charges. Order No. 776 requires pipelines that utilize an ACA clause to make a compliance filing to delete specific references to the currently effective ACA charge and instead incorporate by reference into their tariffs the ACA unit charge specified
in the annual notice issued by FERC and posted on its website. Effective October 1, 2013, the ACA charge is $\$ 0.0012 / \mathrm{MMB}$ tu. TGT did not otherwise modify its existing rates or otherwise affect the rights or duties of customers.

Attached hereto as Exhibit A-1(a), Pages 2 and 3, are the tariff sheets for transportation service under Rate FT-4 which will be applicable on and after November 1, 2013. Page 2 contains the tariff sheet which sets forth the TGT daily demand charges. Page 3 contains the tariff sheet which sets forth the commodity charges. The tariffed rates are as follows: (a) a daily demand charge of $\$ 0.3142 / \mathrm{MMBtu}$, (b) a commodity charge applicable to transportation from Zone 1 to Zone 4 of $\$ 0.0520 / \mathrm{MMBtu}$, and (c) a commodity charge applicable to transportation from Zone 4 to Zone 4 of $\$ 0.0372 / \mathrm{MMBtu}$.

LG\&E has negotiated rate agreements that result in a monthly demand charge of $\$ 5.4329 / \mathrm{MMB}$ tu, an annual volumetric throughput charge ("commodity charge") of $\$ 0.0212 / \mathrm{MMBtu}$ applicable to transportation from Zone 1 to 4 , and an annual volumetric throughput charge ("commodity charge") of $\$ 0.0035 / \mathrm{MMBtu}$ applicable to transportation from Zone 4 to 4 .

## Texas Gas's Short-Term Firm Service (STF-4)

On August 1, 2013, TGT submitted tariff sheets to the FERC in Docket No. RP13-1163 to comply with FERC's Order No. 776 issued March 21, 2013, eliminating the annual filing requirements for natural gas pipelines that utilize an annual charge adjustment ("ACA") clause to recover Commission-assessed annual charges. Order No. 776 requires pipelines that utilize an ACA clause to make a compliance filing to delete specific references to the currently effective ACA charge and instead incorporate by reference into their tariffs the ACA unit charge specified in the annual notice issued by FERC and posted on its website. Effective October 1, 2013, the ACA charge is $\$ 0.0012 / \mathrm{MMBtu}$. TGT did not otherwise modify its existing rates or otherwise affect the rights or duties of customers.

Attached hereto as Exhibit A-1 (a), Page 4, is the sheet for Short-Term Firm Service under Rate STF-4 which will be applicable on and after November 1, 2013. The tariffed rates are as follows: for the winter season, (a) a daily demand charge of $\$ \$ 0.4701 / \mathrm{MMBtu}$, (b) a commodity charge of $\$ 0.0520 / \mathrm{MMBtu}$ applicable to transportation from Zone 1 to 4 ; and (c) a commodity charge of $\$ 0.0372 / \mathrm{MMBtu}$ applicable to transportation from Zone 4 to 4 ; and for the summer season, (a) a daily demand charge of $\$ 0.2042 / \mathrm{MMBtu}$, and (b) a commodity charge of $\$ 0.0520$ applicable to transportation from Zone 1 to 4 ; and (c) a commodity charge of $\$ 0.0372$ applicable to transportation from Zone 4 to 4 .

LG\&E has negotiated rate agreements that result in the following charges: a weighted-average monthly demand charge of $\$ 6.2427 / \mathrm{MMBtu}$; and for summer season deliveries up to 18,000 MMBtu/day a summer season commodity rate of $\$ 0.0520 / \mathrm{MMBtu}$ applicable to transportation from Zone 1 to 4 ; and for summer season deliveries in excess of $18,000 \mathrm{MMBtu} /$ day a summer season commodity rate of $\$ 0.0372 / \mathrm{MMBtu}$ applicable to transportation from Zone 4 to 4 .

## Tennessee Gas Pipeline Company, LLC

On August 1, 2013, TGPL submitted tariff sheets to the FERC in Docket No. RP13-1196 to comply with FERC's Order No. 776 issued March 21, 2013, eliminating the annual filing requirements for natural gas pipelines that utilize an annual charge adjustment ("ACA") clause to recover Commission-assessed annual charges. Order No. 776 requires pipelines that utilize an ACA clause to make a compliance filing to delete specific references to the currently effective ACA charge and instead incorporate by reference into their tariffs the ACA unit charge specified in the annual notice issued by FERC and posted on its website. Effective October 1, 2013, the ACA charge is $\$ 0.0012 / \mathrm{MMBtu}$. TGPL did not otherwise modify its existing rates or otherwise affect the rights or duties of customers.

## TGPL's Firm Transportation Service (FT-A-2)

Attached hereto as Exhibit A-1 (a), Pages 5, and 6, are the tariff sheet for transportation service under Rate FT-A, which will be applicable on and after November 1, 2013. Page 5 contains the tariff sheet which sets forth the monthly demand charges and Page 6 contains the tariff sheet which sets forth the commodity charges. The tariffed rates are as follows for deliveries from Zone 0 to Zone 2: (a) a monthly demand charge of $\$ 16.3405 / \mathrm{MMBtu}$, and (b) a commodity charge of \$0.0379/MMBtu.

LG\&E has negotiated rate agreements that result in a monthly demand charge of $\$ 8.2134 / \mathrm{MMBtu}$ and an annual commodity rate of $\$ 0.0379 / \mathrm{MMB}$ u for deliveries from Zone 0 to Zone 2.

## Gas Supply Costs

The New York Mercantile Exchange ("NYMEX") natural gas futures prices as of September 26, 2013, are $\$ 3.567 / \mathrm{MMBtu}$ for November, $\$ 3.751 / \mathrm{MMBtu}$ for December, and $\$ 3.853 / \mathrm{MMBtu}$ for January. The average of the NYMEX close and the six preceding trading days has been used as a general price indicator.

The wholesale natural gas market is not price-regulated and is subject to the forces of supply and demand, as well as psychological factors that can affect the market. Among the forces that are presumably affecting the price of natural gas are:

- National gas storage inventories are $5 \%$ lower compared to the same period one year ago; ${ }^{1}$
- Economic recovery could boost the demand for natural gas in the industrial sector;
- Fuel switching from coal to gas could boost natural gas prices by increasing demand;
- New domestic supplies from unconventional shale gas plays are impacting the marketplace;
- New pipeline infrastructure is being developed to deliver natural gas supplies to the marketplace;
- Imports or exports of LNG could impact the supply and demand for natural gas;
- Gas-fired electric generation loads could boost weather-driven demand for natural gas; and
- Gas supply disruptions could boost prices.

Traditionally, LG\&E has purchased gas in the Gulf production areas (both onshore and offshore, including Louisiana, Texas, and Arkansas) and used its interstate pipeline capacity to deliver that gas by forwardhaul to its gas distribution system in Kentucky. Due to the increasing availability of gas supplies outside of the traditional production areas, LG\&E is able to supplement traditional forwardhaul transportation of natural gas purchased in the Gulf with gas purchased at the terminus of Texas Gas's system at Lebanon, Ohio (which is north of LG\&E's system). Gas purchased at the terminus of Texas Gas's system can be delivered to LG\&E's system by displacement using backhaul capabilities in LG\&E's existing interstate pipeline capacity.

During the three-month period under review, November 1, 2013, through January 31, 2014, LG\&E estimates that its total purchases will be $9,256,065$ MMBtu. LG\&E expects that $6,496,065 \mathrm{MMB}$ u will be met with deliveries from TGT's pipeline service under Rate NNS ( $4,770,067 \mathrm{MMBtu}$ in pipeline forwardhaul deliveries plus $1,725,998 \mathrm{MMBtu}$ in net storage injections); $920,000 \mathrm{MMBtu}$ will be met from forwardhaul and backhaul deliveries under TGT's pipeline service under Rate FT; 0 MMBtu will be met from forwardhaul and backhaul deliveries under TGT's pipeline service under Rate STF; $1,840,000 \mathrm{MMBtu}$ will be met from deliveries under TGPL's pipeline service under Rate FT-A from Zone 0.

The average commodity cost of gas purchased from gas suppliers by LG\&E and delivered to TGT under the forwardhaul NNS service is expected to be $\$ 3.6260$ per MMBtu in November 2013, $\$ 3.7960$ in December 2013, and $\$ 3.8910$ in January 2014. The average commodity cost of gas purchased from gas suppliers by LG\&E and delivered to TGT under the backhaul NNS service is expected to be $\$ 3.7520$ per MMBtu in November 2013, $\$ 3.9220$ in December 2013, and $\$ 4.0170$ in January 2014. The average commodity cost of gas purchased from gas suppliers

[^2]by LG\&E and delivered to TGT under the forwardhaul FT service is expected to be $\$ 3.6260$ per MMBtu in November 2013, $\$ 3.7960$ in December 2013, and $\$ 3.8910$ in January 2014. The average commodity cost of gas purchased from gas suppliers by LG\&E and delivered to TGT under the backhaul FT service is expected to be $\$ 3.7520$ per MMBtu in November 2013, $\$ 3.9220$ in December 2013, and $\$ 4.0170$ in January 2014. The average commodity cost of gas purchased from gas suppliers by LG\&E and delivered to TGT under the forwardhaul STF service is expected to be $\$ 3.6260$ per MMBtu in November 2013, $\$ 3.7960$ in December 2013, and $\$ 3.8910$ in January 2014. The average commodity cost of gas purchased from gas suppliers by LG\&E and delivered to TGT under the backhaul STF service is expected to be $\$ 3.7520$ per MMBtu in November 2013, $\$ 3.9220$ in December 2013, and $\$ 4.0170$ in January 2014. The average commodity cost of gas purchased from gas suppliers by LG\&E and delivered to TGPL under Rate FT-A from its Zone 0 is expected to be $\$ 3.5820$ per MMBtu in November 2013, $\$ 3.7520$ in December 2013, and \$3.8470 in January 2014.

Set forth below are the commodity costs as delivered to LG\&E after giving effect to TGT's and TGPL's commodity charges for transporting the gas under Rates NNS, FT, STF, and FT-A and the applicable retention percentages:

RATE NNS
SYSTEM SUPPLY FORWARDHAUL PURCHASE PRICE PER MMBTU
UNDER TEXAS GAS'S NO-NOTICE SERVICE RATE

|  | ESTIMATED <br> PRICE AS | RATE NNS |  | TOTAL <br> DELIVERED <br> TO TEXAS GAS |
| :--- | :---: | :---: | :---: | :---: |
|  |  | RETENTION <br> (TO ZONE 4) | TRANSPORT <br> CHARGE | ESTIMATED <br> DELIVERED <br> PRICE |
| November 2013 | $\$ 3.6260$ |  |  | ( |
| December 2013 | $\$ 3.7960$ | $3.94 \%$ |  | $\$ 0.0626$ |

## RATE NNS <br> SYSTEM SUPPLY BACKHAUL PURCHASE PRICE PER MMBTU UNDER TEXAS GAS'S NO-NOTICE SERVICE RATE

| ESTIMATED <br> PRICE AS | RATE NNS |  | TOTAL <br> DELIVERED |
| :---: | :---: | :---: | :---: |
| RETENTION | TRANSPORT | ESTIMATED |  |
| DELIVERED |  |  |  |
| TO TEXAS GAS | (TO ZONE 4) | CHARGE | PRICE |
| $\$ 3.7520$ |  |  |  |
| $\$ 3.9220$ | $3.94 \%$ | $\$ 0.0626$ | $\$ 3.9685$ |
| $\$ 4.0170$ | $3.94 \%$ | $\$ 0.0626$ | $\$ 4.1455$ |
|  | $3.94 \%$ | $\$ 0.0626$ | $\$ 4.2444$ |

SYSTEM SUPPLY FORWARDHAUL PURCHASE PRICE PER MMBTU UNDER TEXAS GAS'S FIRM TRANSPORTATION SERVICE RATE

|  | ESTIMATED <br>  <br> PRICE AS | RETENTION | RATE FT | TOTAL |
| :--- | :---: | :---: | :---: | :---: |
| DELIVERED | ESTIMATED |  |  |  |
|  | TO TEXAS GAS | TO 4) | TRANSPORT | DELIVERED |
|  |  |  | CHARGE | PRICE |
| November 2013 | $\$ 3.6260$ | $3.09 \%$ |  |  |
| December 2013 | $\$ 3.7960$ | $3.09 \%$ | $\$ 0.0212$ | $\$ 3.7628$ |
| January 2014 | $\$ 3.8910$ | $3.09 \%$ | $\$ 0.0212$ | $\$ 3.9382$ |
|  |  |  | $\$ 4.0363$ |  |

RATE FT
SYSTEM SUPPLY BACKHAUL PURCHASE PRICE PER MMBTU UNDER TEXAS GAS'S FIRM TRANSPORTATION SERVICE RATE

|  | ESTIMATED PRICE AS DELIVERED TO TEXAS GAS | RETENTION (ZONE 1 TO 4) | $\begin{gathered} \text { RATE FT } \\ \text { TRANSPORT } \\ \text { CHARGE } \end{gathered}$ | TOTAL ESTIMATED DELIVERED PRICE |
| :---: | :---: | :---: | :---: | :---: |
| November 2013 | \$3.7520 | 0.00\% | \$0.0035 | \$3.7555 |
| December 2013 | \$3.9220 | 0.00\% | \$0.0035 | \$3.9255 |
| January 2014 | \$4.0170 | 0.00\% | \$0.0035 | \$4.0205 |

RATE STF
SYSTEM SUPPLY FORWARDHAUL PURCHASE PRICE PER MMBTU UNDER TEXAS GAS'S SHORT-TERM FIRM TRANSPORTATION SERVICE RATE

|  | ESTIMATED <br> PRICE AS | RETENTION | RATE STF | TOTAL |
| :--- | :---: | :---: | :---: | :---: |
| DELIVERED | ESTIMATED |  |  |  |
| (ZONE 1 | TRANSPORT | DELIVERED |  |  |
|  | TOTEXAS GAS | TO 4) | CHARGE | PRICE |
| November 2013 | $\$ 3.6260$ |  |  |  |
| December 2013 | $\$ 3.7960$ | $3.09 \%$ | $\$ 0.0212$ | $\$ 3.7628$ |
| January 2014 | $\$ 3.8910$ | $3.09 \%$ | $\$ 0.0212$ | $\$ 3.9382$ |
|  |  | $3.09 \%$ | $\$ 0.0212$ | $\$ 4.0363$ |

RATE STF

## SYSTEM SUPPLY BACKHAUL PURCHASE PRICE PER MMBTU UNDER TEXAS GAS'S SHORT-TERM FIRM TRANSPORTATION SERVICE RATE

|  | ESTIMATED <br>  <br> PRICE AS <br> DELIVERED | RETENTION | RATE STF | TOTAL |
| :--- | :---: | :---: | :---: | :---: |
|  | (ZONE 1 | TRANSPORT | DELIMATED |  |
|  | TO TEXAS GAS | TO 4) | CHARGE | PRICE |
| November 2013 | $\$ 3.7520$ |  |  |  |
| December 2013 | $\$ 3.9220$ | $0.00 \%$ | $\$ 0.0372$ | $\$ 3.7892$ |
| January 2014 | $\$ 4.0170$ | $0.00 \%$ | $\$ 0.0372$ | $\$ 3.9592$ |
|  |  | $0.00 \%$ | $\$ 0.0372$ | $\$ 4.0542$ |

RATE FT-A
SYSTEM SUPPLY PURCHASE PRICE PER MMBTU UNDER TENNESSEE GAS'S FIRM TRANSPORTATION SERVICE RATE

| ESTIMATED |  |  | TOTAL |
| :---: | :---: | :---: | :---: |
| PRICE AS |  | RATE FT-A | ESTIMATED |
| DELIVERED | RETENTION | TRANSPORT | DELIVERED |
| TO TENN. GAS | (TO ZONE 2) | CHARGE | PRICE |

Zone 0

| November 2013 | $\$ 3.5820$ | $2.40 \%$ | $\$ 0.0379$ | $\$ 3.7080$ |
| :--- | :--- | :--- | :--- | :--- |
| December 2013 | $\$ 3.7520$ | $2.40 \%$ | $\$ 0.0379$ | $\$ 3.8822$ |
| January 2014 | $\$ 3.8470$ | $2.40 \%$ | $\$ 0.0379$ | $\$ 3.9795$ |

The annual demand billings covering the 12 months from November 1, 2013 through October 31, 2014, for the firm contracts with natural gas suppliers are currently expected to be $\$ 3,014,551$.

## Rate FT and Rider PS-FT

The demand-related supply costs applicable to the Utilization Charge for Daily Imbalances under Rate FT and Rider PS-FT applicable during the three-month period of November 1, 2013 through January 31, 2014 are set forth on Exhibit A, Page 2.

Any revenue collected from the application of these charges will flow directly into the Gas Supply Cost Actual Adjustment ("GCAA") in future Gas Supply Clause filings. Therefore, the revenue collected through application of these charges will reduce the total Gas Supply Cost Component ("GSCC") charged to LG\&E's sales customers.

Currently Effective Maximum Transportation Rates (\$ per MMBtu) For Service Under Rate Schedule NNS

|  | Base Tarlff Rates |
| :---: | :---: |
| Zone SL |  |
| Daily Demand | 0.1800 |
| Commodity | 0.0253 |
| Overrun | 0.2053 |
| Zone 1 |  |
| Daily Demand | 0.2782 |
| Commodity | 0.0431 |
| Overrun | 0.3213 |
| Zone 2 |  |
| Daily Demand | 0.3088 |
| Commodity | 0.0460 |
| Overrun | 0.3548 |
| Zone 3 |  |
| Daily Demand | 0.3543 |
| Commodity | 0.0490 |
| Overrun | 0.4033 |
| Zone 4 |  |
| Daily Demand | 0.4190 |
| Commodity | 0.0614 |
| Overrun | 0.4804 |

The above rates shall be increased to include the ACA unit charge pursuant to Section 6.9[7] of the General Terms and Conditions.

Minimum Rate: Demand \$-0-; Commodity - Zone SL 0.0163 Zone 10.0186 Zone 20.0223 Zone 30.0262 Zone 40.0308
Notes:

- The maximum reservation charge component of the maximum firm volumetric capacity release rate shall be the applicable maximum daily demand rate herein pursuant to Section 6.16 of the General Terms and Conditions.
- For receipts from Duke Field Services' Carthage Plant/Gulf South Pipeline Company, LP, Enbridge Pipelines, L.P./Gulf South Pipeline Company, LP, Energy Transfer Company/Gulf South Pipeline Company, LP, and Enterprise Texas Pipeline L.P./Gulf South Pipeline Company, LP interconnects in Panola County, Texas, Customer shall pay an incremental transportation charge of:

| Daily Demand | $\$ 0.1288$ |
| :--- | :--- |
| Commodity | $\$ 0.0068$ |
| Overrun | $\$ 0.1356$ |

These receipt points are available to those customers agreeing to pay the incremental rate(s) applicable to such points and are not available for pooling under Rate Schedule TAPS.

## Currently Effective Maximum Daily Demand Rates (\$ per MMBtu)

 For Service Under Rate Schedule FT
## Currently Effective Rates [1]

| SL-SL | 0.0794 |
| :---: | :---: |
| SL--1 | 0.1552 |
| SL-2 | 0.2120 |
| SL-3 | 0.2494 |
| SL-4 | 0.3142 |
| $1-1$ | 0.1252 |
| $1-2$ | 0.1820 |
| $1-3$ | 0.2194 |
| $1-4$ | 0.2842 |
| $2-2$ | 0.1332 |
| $2-3$ | 0.1705 |
| $2-4$ | 0.2334 |
| $3-3$ | 0.1181 |
| $3-4$ | 0.1810 |
| $4-4$ | 0.1374 |

Minimum Rates: Demand \$-0-
Backhaul rates equal forward haul rates from Zone SL to zone of delivery; provided, however, that intra-zone rates shall apply to intra-zone transportation, whether such intra-zone transportation is forward haul or backhaul.
[1] Currently Effective Rates are equal to the Base Tariff Rates.

Notes:

- The maximum reservation charge component of the maximum firm volumetric capacily release rate shall be the applicable maximum dally demand rate herein pursuant to Section 6.16 of the General Terms and Conditions.
- For receipts from Duke Field Services' Carthage Plant/Gulf South Pipeline Company, LP, Enbridge Pipelines, L.P./Gulf South Pipeline Company, LP, Energy Transfer Company/Gulf South Pipeline Company, LP, and Enterprise Texas Pipeline L.P./Gulf South Pipeline Company, LP interconnects in Panola County, Texas, Customer shall pay an incremental Daily Demand charge of $\$ 0.1288$. These receipt points are available to those customers agreeing to pay the incremental rate(s) applicable to such points and are not available for pooling under Rate Schedule TAPS.


## Currently Effective Maximum Commodity Rates (\$ per MMBtu) For Service Under Rate Schedule FT

| SL-SL | Base Tariff <br> Rates |
| :--- | :---: |
| SL-1 | 0.0104 |
| SL-2 | 0.0355 |
| SL-3 | 0.0399 |
| SL-4 | 0.0445 |
| $1-1$ | 0.0528 |
| $1-2$ | 0.0337 |
| $1-3$ | 0.0385 |
| $1-4$ | 0.0422 |
| $2-2$ | 0.0508 |
| $2-3$ | 0.0323 |
| $2-4$ | 0.0360 |
| $3-3$ | 0.0446 |
| $3-4$ | 0.0312 |
| $4-4$ | 0.0398 |
|  | 0.0360 |

The above rates shall be increased to include the ACA unit charge pursuant to Section 6.9[7] of the General Terms and Conditions.

Minimum Rates: Commodity minimum base rates are presented in Section 4.12.
Backhaul rates equal forward haul rates from Zone SL to zone of delivery; provided, however, that intrazone rates shall apply to intra-zone transportation, whether such intra-zone transportation is forward haul or backhaul.

Notes:

- For receipts from Duke Field Services' Carthage Plant/Gulf South Pipeline Company, LP, Enbridge Pipelines, L.P./Gulf South Pipeline Company, LP, Energy Transfer Company/Gulf South Pipeline Company, LP, and Enterprise Texas Pipeline L.P./Gulf South Pipeline Company, LP interconnects in Panola County, Texas, Customer shall pay an incremental Commodity charge of $\$ 0.0068$. These receipt points are available to those customers agreeing to pay the incremental rate(s) applicable to such points and are not available for pooling under Rate Schedule TAPS.


## Peak (Winter)-Demand

## Currently <br> Effective

Rates [1]

| SL-SL | 0.1188 | 0.0516 |
| :--- | :--- | :--- |
| SL-1 | 0.2322 | 0.1009 |
| SL-2 | 0.3172 | 0.1378 |
| SL-3 | 0.3731 | 0.1621 |
| SL--4 | 0.4701 | 0.2042 |
| $1-1$ | 0.1873 | 0.0814 |
| $1-2$ | 0.2723 | 0.1183 |
| $1-3$ | 0.3282 | 0.1426 |
| $1-4$ | 0.4252 | 0.1847 |
| $2-2$ | 0.1992 | 0.0866 |
| $2-3$ | 0.2551 | 0.1108 |
| $2-4$ | 0.3492 | 0.1517 |
| $3-3$ | 0.1766 | 0.0768 |
| $3-4$ | 0.2707 | 0.1177 |
| $4-4$ | 0.2056 | 0.0893 |

Backhaul rates equal foward haul rates from Zone SL to zone of delivery; provided, however, that intrazone rates shall apply to intra-zone transportation, whether such intra-zone transportation is forward haul or backhaul.

Notes:

- The STF commodity rate is the applicable FT commodity rate in Section 4.1.

The STF overrun rate equals the daily demand rate plus applicable FT commodity rate.
Minimum rate: Demand $\$-0$ - The minimum commocity rate is presented in Section 4.12.

- For receipts from Duke Field Services' Carthage Plant/Gulf South Pipeline Company, LP, Enbridge Pipelines, L.P./Gulf South Pipeline Company, LP, Energy Transfer Company/Gulf South Pipeline Company, LP, and Enterprise Texas Pipeline L.P./Gulf South Pipeline Company, LP interconnects in Panola County, Texas, Customer shall pay an incremental Daily Demand charge of $\$ 0.1288$. These receipt points are available to those customers agreeing to pay the incremental rate(s) applicable to such points and are not available for pooling under Rate Schedule TAPS.

Tennessee Gas Pipeline Company, L.L.C.
FERC NGA Gas Tariff
Sixth Revised Volume No. 1
Fifth Revised Sheet No. 14 Superseding Fourth Revised Sheet No. 14

| RATES PER DEKATHERM |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | FIRM TRANSPORTATION RAIES RATE SCHEDULE FOR FT-A |  |  |  |  |  |  |
| Base Reservation Rates |  | DElivery zone |  |  |  |  |  |  |
| ZONE | 0 | L | 1 | 2 | 3 | 4 | 5 | 6 |
|  | \$5.7504 | \$5.0941 | \$12.1229 | \$16.3405 | \$16.6314 | \$18.3503 | \$19.4843 | \$24.4547 |
| 1 | \$8.7060 |  | \$8.3414 | \$11.1329 | \$15.8114 | \$15.6260 | \$17.6356 | \$21.6916 |
| 2 | \$16.3406 |  | \$11.0654 | \$5.7084 | \$5.3300 | \$6.8689 | \$9.4859 | \$12.2575 |
| 3 | \$16.6314 |  | \$8.7447 | \$5.7553 | \$4.1249 | \$6.4085 | \$11.6731 | \$13.4872 |
| 4 | \$21.1425 |  | \$19.4839 | \$7.3648 | \$11.2429 | \$5.4700 | \$5.9240 | \$8.4896 |
| 5 | \$25.2282 |  | \$17.6984 | \$7.7303 | \$9.3742 | \$6.0880. | \$5.7043 | \$7.4396 |
| 6 | \$29.1846 |  | \$20.3275 | \$13.9551 | \$15.3850 | \$10.8692 | \$5.6613 | \$4.8846 |

Dally Base Reservation Rate $1 /$
delivery zone

| ZONE | 0 | L | 1 | 2 | 3 | 4 | 5 | 6 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 0 | \$0.1891 | \$0.1675 | \$0.3986 | \$0.5372. | \$0.5468 | \$0.6033 | \$0.6406 | \$0.8040 |
| 1 |  |  |  |  |  |  |  |  |
| 1 | \$0.2862 |  | \$0.2742 | \$0.3660 | \$0.5198 | \$0.5137 | \$0.5798 | \$0.7131 |
| 2 | \$0.5372 |  | \$0.3638 | \$0.1877 | \$0.1752 | \$0.2258 | \$0.3119 | \$0.4030 |
| 3 | \$0.5468 |  | \$0.2875 | \$0.1892 | \$0.1356 | \$0.2107 | \$0.3838 | \$0.4434 |
| 4 | \$0.6951 |  | \$0.6406 | \$0.2421 | \$0.3696 | \$0.1798 | \$0.1948 | \$0.2791 |
| 5 | \$0.8294 |  | \$0.5819 | \$0.2541 | \$0.3082 | \$0.2002 | \$0.1875 | \$0.2446 |
| 6 | \$0.9595 |  | \$0.6683 | \$0.4588 | \$0.5058 | \$0.3573 | \$0.1861 | \$0.1606 |


| Maximum Reservation Rates 2 | 1.31 | DELIVERY ZONE |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| ZONE | 0 | L | 1 | 2 | 3 | 4 | 5 | $\checkmark$ |
| $\begin{aligned} & 0 \\ & \mathrm{~L} \end{aligned}$ | \$5.7504 | \$5.09\$1 | \$12.1229 | \$16.3405 | \$16.6314 | \$18.3503 | \$19.4843 | \$24.4547 |
| 1 | \$8.7060 |  | \$8.3414 | \$11.1329 | \$15.8114 | \$15.6260 | \$17.6356 | \$21.6916 |
| 2 | \$16.3406 |  | \$11.0654 | \$5.7084 | \$5.3300 | \$6.8689 | \$9.4859 | \$12.2575 |
| 3 | \$16.6314 |  | \$8.7447 | \$5.7553 | \$4.1249 | \$6.4085 | \$11.6731 | \$13.4872 |
| 4 | \$21.1425 |  | \$19.4839 | \$7.3648 | \$ $\$ 11.2429$ | \$5.4700 | \$5.9240 | \$8.4896 |
| 5 | \$25.2282 |  | \$17.6984 | \$7.7303 | \$9.3742 | \$6.0880 | \$5.7043 | \$7.4396 |
| 6 | \$29.1846 |  | \$20.3275 | \$13.9551 | \$15.3850 | \$10.8692 | \$5.6613 | \$4.8846 |

Notes:
1/ Applicable to demand charge credits and secondary points under discounted rate agreements.
Includes a per Dth charge for the PCB Surcharge Adjustment per Article XXXII of the General Terms and Conditions of Includes a
$\$ 0.0000$.
3/ Includes a per Dth charge for the PS/GHG Surcharge Adjustment per Article XXXVIII of the General Terms and Conditions of $\$ 0.0000$.

Tennessee Gas Pipeline Company, L.L.C.
FERC NGA Gas Tariff
Eighth Revised Sheet No. 15
Superseding
Sixth Revised Volume No. 1

RATES PER DEKATHERM

|  | COMMODITY RATES <br> RATE SCHEDULE FOR FT-A |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Base Commodity Rates | PECEIPT ................ delivery zone |  |  |  |  |  |  |  |  |
|  | $\begin{aligned} & \text { RECEIPT } \\ & \text { ZONE } \end{aligned}$ | 0 | 1 | 1 | 2 | 3 | 4 | 5 | 6 |
|  |  | \$0.0032 | \$0.0012 | \$0.0115 | \$0.0177 | \$0.0219 | \$0.2751 | \$0.2625 | \$0.3124 |
|  | 1 | \$0.0042 |  | \$0.0081 | \$0.0147 | \$0.0179 | \$0.2339 | \$0.2385 | \$0.2723 |
|  | 2 | \$0.0167 |  | \$0.0087 | \$0.0012 | \$0.0028 | \$0.0757 | \$0.1214 | \$0.1345 |
|  | 3 | \$0.0207 |  | \$0.0169 | \$0.0025 | \$0.0002 | \$0.1012 | \$0.1400 | \$0.1528 |
|  | 4 | \$0.0250 |  | \$0.0205 | \$0.0087 | \$0.0105 | \$0.0468 | \$0.0662 | \$0,1073 |
|  | 5 | \$0.0284 |  | \$0.0256 | \$0.0100 | \$0.0118 | \$0.0659 | \$0.0653 | \$0.0811 |
|  | 6 | \$0.0346 |  | \$0.0300 | \$0.0143 | \$0,0163 | \$0.1014 | \$0.0549 | \$0.0334 |

Minimum
Commodity Rates 1/, $2 /$

| delivery zone |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| ZONE | 0 | 1 | 1 | 2 | 3 | 4 | 5 | 6 |
| 0 | \$0,0032 |  | \$0.0115 | \$0.0177 | \$0.0219 | \$0.0250 | \$0.0284 | \$0.0346 |
| 1 | \$0,0042 | \$0.0012 |  |  |  |  |  |  |
| 2 | \$0.0167 |  | \$0.0087 | \$0.0147 | \$0.0179 | \$0.0210 | \$0.0256 | \$0.0300 |
| 3 | \$0.0207 |  | \$0.0169 | +0.0012 | \$0.0028 | \$0.0056 | \$0.0100 | \$0.0143 |
| 4 | \$0.0250 |  | \$0.0205 | \$0.0087 | \$0.0105 | \$0.0028 | \$0.0118 | \$0.0163 |
| 5 | \$0.0284 |  | \$0.0256 | \$0.0100 | \$0.0118 | \$0.0096 | \$0.0046 | \$0.0066 |
| 6 | \$0.0346 |  | \$0.0300 | \$0.0143 | \$0.0163 | \$0.0086 | \$0.0041 | \$0.0020 |

Maximum
Commodity Rates $1 / 2 / 2 / 3$
delivery zone

| RECEIPTZONE | DElivery zone |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 0 | L | 1 | 2 | 3 | 4 | 5 | 6 |
| 0 | \$0.0032 |  | \$0.0115 | \$0.0177 | \$0.0219 | \$0.2751 | \$0.2625 | \$0.3124 |
| L |  | \$0.0012 |  |  |  |  |  |  |
| 1 | \$0.0042 |  | \$0.0081 | \$0.0147 | \$0.0179 | \$0.2339 | \$0.2385 | \$0.2723 |
| 2 | \$0.0167 |  | \$0.0087 | \$0.0012 | \$0,0028 | \$0.0757 | \$0.1214 | \$0.1345 |
| 3 | \$0.0207 |  | \$0.0169 | \$0.0026 | \$0.0002 | \$0.1012 | \$0.1400 | \$0.1528 |
| 4 | \$0.0250 |  | \$0.0205 | \$0.0087 | \$0.0105 | \$0.0468 | \$0,0662 | \$0.1073 |
| 5 | \$0.0284 |  | \$0.0256 | \$0.0100 | \$0.0118 | \$0.0659 | \$0.0653 | \$0.0811 |
| 6 | \$0.0346 |  | \$0.0300 | \$0.0143 | \$0.0163 | \$0.1014 | \$0.0549 | $\$ 0.0334$ |

Notes:

1) Rates stated above exclude the ACA Surcharge as revised annually and posted on the FERC website at hitp:/hwow.ferc. gov on the Annual Charges page of the Natural Gas section. The ACA Surcharge is incorporated by reference into Transporter's Tariff and shall apply to all transportation under this Rate Schedule as provided in Article XXIV of the General Terms and Conditions.

The applicable F\&LR's and EPCR's, determined pursuant to Article XXXVII of the General Terms and Conditions, are listed on Sheet No. 32. For service that is rendered entirely by displacement and for gas scheduled and allocated for recelpt at the Dracut, Massachusetts receipt point, Shipper shall render only the quantity of gas assoclated with Losses of $0.21 \%$.
3/ Inctudes a per Dth charge for the PS/GHG Surcharge Adjustment per Article XXXVIII of the General Terms and Condilions of
$\$ 0.0000$.

# FEDERAL ENERGY REGULATORY COMMISSION WASIINGTON, D.C. 20426 

## FY 2013 GAS ANNUAL CHARGES CORRECTION FOR ANNUAL CHARGES UNIT CHARGE Julue 27, 2013

The ammal charges unit charge to be applied to rates in 2013 for recovery of 2012 debit/credlt and 2013 current year amual charges is $\$ 0.0012$ pei Dib. In accordance with 18 CFR § 154.402(a), to recover from its customers the amual clarges assessed by the Commission each fiscal yeär, a matural gas pipelline company must file an annual charge adjustment clause with the Commission to adjust its rates. If you need to correct your ACA surcharge, your tariff filing should reflect a unit charge of $\$ 0,0012$ per Dith, as it las been adjusted to inclutle last year's slebit/credit factor.

The following calculations were used to determine the 2012 unit charge:

## 2013 CURRENT:

$$
\text { Estimated Program Cost } \$ 59,963,000 \text { divided by } 41,997,033,981 \text { Dth }=0.0014277913
$$

## 2012 TRUE-UP:

$$
\text { Debil/Credit Cost }(\$ 10,060,368) \text { divided by } 40,330,657,018 \text { Dth }=(0,0002494472)
$$

TOTAL UNIT CHARGE $=0.0011783441$
If you have any' questions; please contact Norman Richardson al (202)502-6219 or e-mail at Norman.Richardson(G)ferc.gov.

# LOUISVILLE GAS AND ELECTRIC COMPANY 

## Gas Supply Clause: 2013-00XXX

## Calculation of Gas Cost Actual Adjustment (GCAA)

The purpose of this adjustment is to compensate for over- or under-recoveries which result from differences between various quarters' revenues collected to recover expected gas costs and the actual gas costs incurred during each such quarter. As shown on Page 1 of Exhibit B-1, the amount of over-recovery from Case Number 2013-00126 during the three-month period of May 1, 2013 through July 31, 2013, was $\$ 423,481$. The calculation of the Gas Cost Actual Adjustment (GCAA) set forth in Exhibit B-1 results in a refund of $.138 ¢$ per 100 cubic feet, which LG\&E will place in effect with service rendered on and after November 1, 2013, and continue for 12 months. Also enclosed, on pages 5 and 6 of Exhibit B-1, is a breakdown of gas purchases for the three-month period from May 2013 through July 2013. [Please note that the names of the suppliers have been redacted from this page, in accordance with LG\&E's Petition for Confidentiality filed this quarter.]

Also in this filing, LG\&E will be eliminating the GCAA from Case Number 2012-00125, with service rendered through July 31, 2013, which will have been in effect for twelve months. Any over- or under-recovery of the amount originally established in this GCAA will be transferred to the Gas Cost Balance Adjustment (GCBA) which will be implemented in LG\&E's next Gas Supply Clause filing with service rendered on and after the month of November 2013.

Therefore, the Gas Cost Actual Adjustment will be as follows:

Current Quarter Actual Adjustment:
Effective November 1, 2013 from 2013-00126
Previous Quarter Actual Adjustment:
Effective August 1, 2012 from 2012-00591
2nd Previous Quarter Actual Adjustment:
Effective May 1, 2013 from 2012-00446
3rd Previous Quarter Actual Adjustment:
Effective February 1, 2013 from 2012-00286
Total Gas Cost Actual Adjustment (GCAA)
1.294 cents/Ccf
1.691 cents/Ccf
(0.065) cents/Ccf
2.782 cents/Ccf

## LOUISVILLE GAS AND ELECTRIC COMPANY

Calculation of Gas Cost Actual Adjustment Which Compensates for Over- or UnderRecoveries of Gas Supply Costs


| Line No. | Recovery Period | Comments | Case No. | Total Mcf Sales for Month | Mcf Sales Applicable to GCAA Period |  | Gas Supply Cost per Mcf | Dollars Recovered Under GSC | Mct of CustomerOwned Gas Transported Under Rate TS-2 | Pipeline Suppliers' Demand Component Per Mcf | TS-2 Gas True- Up Charge Revenue | $\$$ Recovered Under Rate TS-2 | $\begin{gathered} \$ \text { Recovered } \\ \text { Under Rate } \\ \text { FT } \\ \hline \end{gathered}$ | $\begin{gathered} \$ \text { from } \\ 0 . \end{gathered}$ | Total 5 Recovered |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| (1) | ${ }^{(2)}$ |  | (3) | (4) | ${ }^{(5)}$ |  | ${ }^{(6)}$ | (7) $=(5) \times(6)$ | ${ }^{(8)}$ | (9) | (10) | (11) $=(8) \times(9)+(10)$ | (12) | (13) | $(14)=(7)+(11)+(12)+(13)$ |
| 1 | May-2013 | Prorated | 2013-00126 | 1.572,218 | 604.118 | z | \$5.0499 | \$3,050,733 | 56,576 | \$0 6931 | \$0.0000 | \$39,213 | \$19,669,53 | so | \$3.109.616 |
| 2 | Jun-2013 |  | 2013-00126 | 968.381 | 968,381 |  | \$5.0499 | \$4.890,226 | 13.819 | \$06931 | 50.0000 | \$9.578 | \$39,569.10 | so | \$4,939,373 |
| 3 | Jul-2013 |  | 2013-00126 | 809,923 | 809,923 |  | \$50499 | 54,090,029 | 10,912 | \$0.6931 | \$0.0000 | \$7,563 | \$73,470.58 | \$0 | \$4,171,063 |
| 4 | Aug-2013 | Prorated | 2013-00126 | 850,108 ${ }^{\text {, }}$ | 475,737 | 2 | \$5.0499 | \$2,402,425 | 2.746 | \$0.6931 | \$0.0000 | \$1,903 | \$0.00 | so | \$2,404,328 |
| 5 |  |  |  |  | 2.858,158 |  |  | \$14.433.413 | 84.053 |  | 50.0000 | \$58.257 | \$132,709.21 | \$0 | 514,524,379 |

' For information purposes only, volumes will be prorated
${ }^{2}$ Portion of month billed at rate effective this quarter

## LOUISVILLE GAS AND ELECTRIC COMPANY

Summary of Gas Costs Recovered
Under Provisions of Rate FT

| $\begin{aligned} & \text { Line } \\ & \text { No. } \end{aligned}$ | Recovery Period | Case Number |  | UCDI Demand hrg / Mcf | Cash-Out <br> Sales (Mcf) | Cash-Out <br> Sales (\$) | MMBTU Adjust. (Mcf) | MMBTU <br> Adjust. (\$) | $\begin{aligned} & \text { UCDI } \\ & \text { MCf } \\ & \hline \end{aligned}$ | $\begin{gathered} \text { UCDI \$ } \\ {[(3) \times(8)]} \end{gathered}$ | OFO \$ | Action <br> Alert \$ | Monthly \$'s <br> Recovered $(5)+(7)+(9)+(10)+(11)$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | (1) | (2) |  | (3) | (4) | (5) | (6) | (7) | (8) | (9) $=(3) \times(8)$ | (10) | (11) | (12) |
| 1 | May-2013 | 2013-00126 | s | 0.1500 | 2.121 .8 | \$9,113.13 | - | \$ | 70.376 .0 | \$10,556.40 | \$0.00 | \$0.00 | \$19,669.53 |
| 2 | Jun-2013 | 2013-00126 | \$ | 0.1500 | 8,308.4 | \$32,486.16 | - | \$ | 47,219.6 | \$7,082.94 | \$000 | \$0.00 | \$39,569.10 |
| 3 | Jul-2013 | 2013-00126 | \$ | 0.1500 | 18,043.3 | S64,79194 | - | 5 | 57,857.6 | \$8,678.64 | \$0.00 | 50.00 | \$73,470.58 |

Note: Should a Customer served under Rate FT under-nominate its monthly gas supply needs, a Cash-Out Sale is made to the Customer. This sale, which is based upon the cash-out price established in Rate FT, is also flowed through the GCAA as revenue

Note: Changes in billings of the Cash-out Provision caused by variations in the MMBTU content of the gas are corrected on the following month's bill. Should such change occur as a charge to the customer, such revenue is flowed through the GCAA.

## LOUISVILLE GAS AND ELECTRIC COMPANY

Total Gas Supply Cost Per Books

| $\begin{aligned} & \text { Line } \\ & \text { No. } \end{aligned}$ | Recovery Period | MCF |  |  |  |  |  |  | DOLLARS |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | $\begin{gathered} \text { Mcf } \\ \text { Purchases } \end{gathered}$ | Purchases for OSS | $\begin{aligned} & \text { Less: } \\ & \text { Purchases } \\ & \text { for Depts. } \\ & \text { other Than } \\ & \text { Gas Dept. } \end{aligned}$ | $\begin{gathered} \text { Less: } \\ \text { Purchases } \\ \text { Injected } \\ \text { Into } \\ \text { Storage } \\ \hline \end{gathered}$ | Plus: Mcf Withdrawn From Storage | Plus <br> Storage Losses | $\begin{gathered} \text { Mcf } \\ \text { Sendout } \\ \text { (Gas Dept) } \end{gathered}$ |  | Purchased Gas Costs | Purchased Gas Costs for OSS | Less: Purchases for Non-Gas Departments | $\begin{gathered} \text { Less: } \\ \text { Purchases } \\ \text { Injected } \\ \text { Into } \\ \text { Slorage } \\ \hline \end{gathered}$ | Plus: Cost of Gas Withdrawn From Storage | Plus Storage Losses | Plus: Gas Commodity Portion of Bad Debt Expense | $\begin{aligned} & \text { Total } \\ & \text { Gas Supply } \\ & \text { Cos: } \end{aligned}$ |
|  | (1) | (2) | ${ }^{(3)}$ | (4) | (5) | (6) | (7) | ${ }^{(8)}$ |  | ${ }^{(9)}$ | (10) | (11) | (12) | (13) | (14) | (15) | (16) |
| 1 | May-2013 | 833,690 | 0 | (407) | 0 | 278.590 | 26,998 | 1,138,871 | s | 5273786 | s | (1406) | 5 | - 1017.12 | 598626 | $5 \quad 4208$ | \$ 6,392,931 |
| 2 | Jun-2013 | 2,240,997 | 0 | (230) | (1.401, 161) | 1.063 | 28,508 | 869.177 | s | 10717.527 | S | (2341) | S (6,701052) | 4335 | $11620 \%$ | \$ 44095 | \$ 4,148,832 |
| 3 | Jul-2013 | 3.610,146 | 0 | (128) | $(2,768,655)$ | 720 | 31.151 | 873,234 | $s$ | 15:49,839 | s - | (199116) | S(11.618601] | 205 | \$ 128622 | 15478 | \$ $3.659,135$ |
| 4 |  |  |  |  |  |  |  | 2,881,282 |  |  |  |  |  |  |  |  | \$ 14,200,899 |

LOUISVILLE GAS AND ELECTRIC COMPANY
SUMMARY OF GAS PURCHASES AND COSTS BY SUPPLIER
FOR THE 3 MONTH PERIOD FROM MAY 2013 THROUGH JULY 2013


COMMODTTY AND VOLUMETRUC CHARGES:
NATURAL GAS SUPPLIERS:

|  |  |
| :---: | :---: |
| 1 | A |
| 2 | E |
| 3 | C |
| 4. | 0 |
| 5 | E |
| 5. | F |
| 7 | G |
| 8 | H |
| 9 | 1 |
| 10 | $\downarrow$ |
| 11. | K |
| 12. | L |
| 13. | M |
| 14. | N |
| 15. | 0 |
| 16. | P |
| 17. | 0 |
| 18. | R |
| 19. | S |
| 20. | T |

NO-NOTICE SERUCE (NNS") STORAGE:

1. WTHDRAWALS
2. ANJECTIONS
3. ADJUSTMENTS
4. ADJUSTMENTS
5. ADJUSTMENTS

NET NNS STORAGE

## 1. TEXATUR GAS TRANSMISSION. LIC <br> 1. texas gas transmission. ul <br> 3. ADJUSTMENTS

TOTAL
TOTAL COMMODTY AND VOLUMETRIC CHARGES
DEMAND AND FIXED CHARGES:

1. TEXAS GAS TRANSMISSION, LLC
2. ADJUSTMENTS
3. SUPPLY RESERVATION CHARGES
4. ADJUSTMENTS
5. ADJUSTMERELSASE CREDTTS

TOTAL DEMAND AND FIXED CHARGES
TOTAL PURCHASED GAS COSTS - TEXAS GAS TRANSMISSION, LLC

| MAY 2013 |  |  | June 2013 |  |  | July 2013 |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| NET MMETU | MCF | 5 | NET MMETU | MCF | 5 | NETMMBTU | MCF | $s$ |
| 387.283 | 377.837 | \$1.652.300.00 | 374,789 | 365,648 | \$1,583,400.00 | 387,283 | 377.837 | 51,462,850.00 |
| 20,000 | 19,512 | 583,700.00 | 321,358 | 313.520 | \$1,210.950.15 | 0 | 0 | \$0.00 |
| 0 | 0 | 50.00 | 14.538 | 14.783 | \$55.500.00 | 0 | 0 | \$0.00 |
| 0 | 0 | \$5.00 | 0 | 0 | \$0.00 | 0 | 0 | \$0.00 |
| 389,838 | 380,330 | \$1,616,290.00 | 0 | 0 | 50,00 | 0 | 0 | \$0.00 |
| 0 | 0 | \$0.00 | 0 | 0 | 50.00 | 0 | 0 | \$0.00 |
| 0 | 0 | \$0.00 | 0 | 0 | \$0.00 | 434,000 | 423,415 | \$1,587,110.00 |
| 0 | 0 | 50.00 | 0 | 0 | S0.00 | 178.584 | 174,326 | 5878,900,00 |
| 115,357 | 112.543 | \$485,650.00 | 78,201 | 76,294 | \$300.180.00 | 505.014 | 492.594 | \$1,882,032.93 |
| 0 | 0 | \$0.00 | 290,730 | 283,639 | \$1,131,500.00 | 0 | 0 | 50.00 |
| 0 | 0 | \$0.00 | 299,399 | 292,097 | \$1,144,425.22 | 310.000 | 302,439 | \$1,133,650.00 |
| 0 | 0 | \$0.00 | 46,347 | 45,217 | \$181,200.00 | 0 | 0 | S0.co |
| 285,000 | 278,049 | \$1,222,362,80 | 199.221 | 194,362 | \$844,576.32 | 342.000 | 333,659 | \$1.295,253.60 |
| 19,212 | 18,743 | \$77.400.00 | 0 | 0 | \$0.00 | 0 | 0 | \$0.00 |
| 0 | 0 | \$0. $\times$ | 259,350 | 253,025 | \$1,701,600,00 | 287,995 | 261,459 | \$1,018.350.00 |
| 19,340 | 48,858 | \$83,100. $\times 0$ | 0 | 0 | \$0,00 | 0 | 0 | \$0.00 |
| 377,565 | 319,576 | \$1,331,460.D0 | 92,779 | 90,515 | \$361,120.00 | 0 | 0 | \$0.00 |
| 0 | 0 | 50.00 | 347,45 | 338,982 | \$1,357,800.00 | 359,197 | 350,436 | \$7,327,680.00 |
| 66.858 | 65.227 | \$272,256.00 | 123,578 | 120,564 | \$473,440,00 | 33,714 | 32.892 | \$127,575.00 |
| 0 | 0 | \$0.00 | 0 | 0 | 50.00 | 359,972 | 351,192 | \$1,327.680.00 |
| 1.630.453 | 1,590,685 | \$6,824.518.80 | 2.447.746 | 2,388,046 | \$9,745,591.69 | 3,177,856 | 3,100,349 | \$11.841,121.53 |
| ${ }^{0}$ | ${ }^{\circ}$ | 50.co |  | ${ }^{0}$ | 50.00 | 24,683 | 24.089 | \$93,047.51 |
| (833,362) | $(313,035)$ | (\$3,491,203.43) | (792,804) | (773.467) | (\$3,289,075,31) | (142,242) | (138,773) | (\$536,209,67) |
| (251) | (8.503) | (\$1,032.96) | 2,137 | (10,900) | \$8,952.53 | 2,250 | (7,004) | \$9,497.55 |
| 0 | 0 | \$136.4 | 0 | 0 | (\$1.319,38) | 0 | 0 | (\$1,317.90) |
| 0 | 0 | \$0.00 | 0 | 0 | \$0.00 | 0 | 0 | 50.00 |
| 0 | 0 | \$514.547.70 | 0 | 0 | \$455.258.71 | 0 | 0 | \$24,424,06 |
| (833,613) | (821,539) | (S2,977,582.28) | (790,667) | (784,367) | (\$2,824,183.45) | (115,269) | (121,696) | (\$410,558.45) |


| 0 | 28,922 | \$37,563.81 <br> ( $\$ 18.13$ ) | 0 | 25,285 | $\begin{array}{r} \$ 61.599 .07 \\ \$ 134.79 \end{array}$ | 0 | 28,428 | $\begin{array}{r} \$ 145,552.04 \\ \$ 144.58 \end{array}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 0 | 0 | 50.00 | 0 | 0 | S0.00 | 0 | 0 | \$0.00 |
| 796.840 | 798,068 | 537,547.68 | 1,657,079 | 1,628,964 | 561,733.86 | 3.062.587 | 3,007,081 | \$445.696.62 |
|  |  | \$3,884,484.20 |  |  | \$6.963.242.10 |  |  | \$11,576,259.70 |
|  |  | \$942,883.60 |  |  | 5312,468.00 |  |  | \$942.883.60 |
|  |  | \$0.00 |  |  | \$0.00 |  |  | \$0.00 |
|  |  | \$138,754.50 |  |  | \$133,731.38 |  |  | \$138,936.42 |
|  |  | 50.00 |  |  | \$0.00 |  |  | \$0.00 |
|  |  | 50.00 |  |  | \$0.00 |  |  | \$0.00 |
|  |  | 50.00 |  |  | 50.00 |  |  | \$0.00 |
|  |  | \$1.081,638.10 |  |  | \$1,046,199.38 |  |  | \$1,081,820.02 |
|  |  | \$4,956.12230 |  |  | \$8,029,441.48 |  |  | \$12,658,079,72 |

LOUISVILLE GAS AND ELECTRIC COMPANY
SUMMARY OF GAS PURCHASES AND COSTS BY SUPPLIER
FOR THE 3 MONTH PERICD FROM MAY 2013 THROUGH JULY 2013
DELNERED BY TENNESSEE GAS PIPELINE COMPANY, LLC NATURAN VOLUMETRIG CHARGES: NATURAL GAS SUPPLIERS:
$\begin{array}{ll}1 . & U \\ 3 . & V \\ 2 . & W\end{array}$

NATURAL GAS TRANSPORTERS

1. TENNESSEE GAS PIPELINE COMPANY, LLC
2. TENNESSEE GAS PIPELINE COMPANY, LLC
3. ADJUSTMENTS
4. ADJUSTMENTS

TOTAL
TOTAL COMMODTY AND VOLUMETRIC CHARGES

DEMAND AND FIXED CHARGES:

1. TENNESSEE GAS PIPELINE COMPANY, LLC
2. ADJUSTMENTS
3. ADJUSTMENTS
4. CAPACTY RELEASE CREDTTS
. ADJUSTMENTS
TOTAL DEMAND AND FIXED CHARGES
TOTAL FURCHASED GAS COSTS - TENNEṠSEE GAS PIPELINE COMPANY LS
OTHER PURCHASE
CASH-OUT OF CUSTOMER OVER-DELIVERIE TOTAL

TOTAL PURCHASED GAS COSTS - ALL PIPELINES

\$154,268.00
$\$ 80.00$ $\$ 0.00$ $\$ 0.00$ $\$ 0.00$
$\$ 0.00$
$\$ 164.268 .00$
5163.637 .65

# LOUISVILLE GAS AND ELECTRIC COMPANY 

Gas Supply Clause: 2013-00XXX
Calculation of Gas Cost Balance Adjustment (GCBA)


#### Abstract

The purpose of this adjustment is to compensate for any over- or under-recoveries remaining from prior Gas Cost Actual Adjustments and Gas Cost Balance Adjustments. The over-recovery that must be returned under the Gas Cost Balance Adjustment (GCBA) during the period of November 1, 2013 through January 31, 2014, set forth on Page 1 of Exhibit C-1, is $\$ 3,433$. The GCBA factor required to return this over-recovery is a refund of $.042 \phi$ per 100 cubic feet. LG\&E will place this refund into effect with service rendered on and after November 1, 2013 and continue for three months.


In this filing, LG\&E will also be eliminating the GCBA from Case 2013-00253, which, with service rendered through October 2013, will have been in effect for three months. Any over- or underrecovery of the amount originally established will be transferred to the GCBA which will be implemented in LG\&E's next Gas Supply Clause filing with service rendered on and after November 1, 2013.

## LOUISVILLE GAS AND ELECTRIC COMPANY

 Calculation of Quarterly Gas Cost Balance Adjustment| Line <br> No. | Factor | Remaing <br> Balance |
| :---: | :--- | ---: |
| 1 | Remaining (Over)/Under Recovery From GCAA ${ }^{1}$ | $(\$ 59,532)$ |
| 2 | Remaining (Over)/Under Recovery From GCBA ${ }^{2}$ | $(\$ 3,433)$ |
| 3 | Remaining (Under)/Over Refund From RA ${ }^{3}$ | $\$ 3,289$ |
| 4 | Remaining (Over)/Under Recovery From PBRRC ${ }^{4}$ | $\$ 0$ |
| 5 | Deferred Amounts | $\$ 0$ |
| 6 | Total Remaining (Over)/Under Recovery | $(\$ 59,676)$ |
| 7 | Expected Mcf Sales for 3 Month Period ${ }^{5}$ | $14,226,246$ |
|  |  | $(\$ 0.0042)$ |
| 8 | GCBA Factor Per Mcf |  |
| 9 | GCBA Factor Per Ccf | $(\$ 0.00042)$ |

${ }^{1}$ See Exhibit C-1, page 2.
${ }^{2}$ See Exhibit C-1, page 3.
${ }^{3}$ See Exhibit D-1, page 2.
${ }^{4}$ See Exhibit E-1, page 2. Only included in filing effective August 1
${ }^{5}$ See Exhibit A-1, page 1 .

LOUISVILLE GAS AND ELECTRIC COMPANY
Calculation of the Remaining Balance on Previously Applied GCAA Factor

Case No. 2011-00523

| Line No. | Recovery Period | Comments | Total Mcf Sales for Month | Sales Applicable to GCAA Recovery | GCAA/Mcf Factor | Amount of Recovery/(Return) per Month | Balance Remaining |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | (1) | (2) | (3) | (4) | (5) | (6) $=(4)^{*}(5)$ | (7)=(Bal)-(6) |
| 1 |  |  |  |  |  | Beginning Balance | \$2,904,689 |
| 2 | Aug-12 | Prorated | 669,221 | 346,738 | \$0.0923 | \$32,004 | \$2,872,685 |
| 3 | Sep-12 |  | 771,935 | 771,935 | \$0.0923 | \$71,250 | \$2,801,436 |
| 4 | Oct-12 |  | 1,057,708 | 1,057,708 | \$0.0923 | \$97,626 | \$2,703,809 |
| 5 | Nov-12 |  | 2,550,560 | 2,550,560 | \$0.0923 | \$235,417 | \$2,468,392 |
| 6 | Dec-12 |  | 3,536,106 | 3,536,106 | \$0.0923 | \$326,383 | \$2,142,010 |
| 7 | Jan-13 |  | 5,558,991 | 5,558,991 | \$0.0923 | \$513,095 | \$1,628,915 |
| 8 | Feb-13 |  | 5,622,368 | 5,622,368 | \$0.0923 | \$518,945 | \$1,109,970 |
| 9 | Mar-13 |  | 5,210,138 | 5,210,138 | \$0.0923 | \$480,896 | \$629,075 |
| 10 | Apr-13 |  | 3,634,272 | 3,634,272 | \$0.0923 | \$335,443 | \$293,631 |
| 11 | May-13 |  | 1,572,218 | 1,572,218 | \$0.0923 | \$145,116 | \$148,516 |
| 12 | Jun-13 |  | 968,381 | 968,381 | \$0.0923 | \$89,382 | \$59,134 |
| 13 | Jul-13 |  | 809,923 | 809,923 | \$0.0923 | \$74,756 | $(\$ 15,622)$ |
| 14 | Aug-13 | Prorated | 850,108 | 475,737 | \$0.0923 | \$43,911 | $(\$ 59,532)$ |
| 15 |  |  | Total Amount Recovered/(Returned) During Period |  |  | \$2,964,221 |  |
| 16 |  | Remaining Balance to Transfer to Exhibit C-1, Page 1 of 3 |  |  |  | $(\$ 59,532)$ |  |

Exhibit C-1
Page 2 of 3

## LOUISVILLE GAS AND ELECTRIC COMPANY Revenue Collected Under the GCBA Factor

Case No. 2013-00126

| Line No. | Recovery Period | Comments | Total Mcf Sales for Month | Sales <br> Applicable to GCBA Recovery | GCBA/Mcf Factor | Recovery/(Refund) per Month | Balance <br> Remaining |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | (1) | (2) | (3) | (4) | (5) | (6) $=(4)^{*}(5)$ | (7) $=(\mathrm{Bal})-(6)$ |
| 1 |  |  |  |  |  | Beginning Balance | $(\$ 283,247)$ |
| 2 | May-2013 | Prorated | 1,572,218 | 604,118 | (\$0.0979) | (\$59,143.11) | $(\$ 224,104)$ |
| 3 | Jun-2013 |  | 968,381 | 968,381 | (\$0.0979) | (\$94,804.47) | $(\$ 129,299)$ |
| 4 | Jul-2013 |  | 809,923 | 809,923 | (\$0.0979) | (\$79,291.43) | $(\$ 50,008)$ |
| 5 | Aug-2013 | Prorated | 850,108 | 475,737 | (\$0.0979) | (\$46,574.67) | $(\$ 3,433)$ |
| 6 |  | Total Amount Refunded or Recovered |  |  |  | $(\$ 279,814)$ |  |
| 7 |  | Remaining Balance to Transfer to Exhibit C-1, Page 1 of 3 |  |  |  | $(\$ 3,433)$ |  |

## LOUISVILLE GAS AND ELECTRIC COMPANY

## Gas Supply Clause: 2013-00XXX

As shown on Exhibit D-1, the Company received no refunds this quarter and does not expect any more from this particular FERC case.
Since the amounts were charged to and allocated from LG\&E's demand customers on a demand basis, the refunds must now also be credited on a demand basis. Therefore, the Refund Factor will be as follows:

## Current Quarter Refund Factor:

Effective November 1, 2013
(0.000) cents/Ccf
1st Previous Quarter Refund Factor: Effective August 1, 2013
(0.000) cents/Ccf
2nd Previous Quarter Refund Factor:
Effective May 1, 2013
(0.000) cents/Ccf
3rd Previous Quarter Refund Factor:
Effective February 1, 2013
(0.000) cents/Ccf

## Total Refund Factor (RF)

## LOUISVILLE GAS AND ELECTRIC COMPANY

## Calculation of Refund Factor

| Line No. | Effective Date | Case Number |  | Total Cash Refund Related to Demand | Plus Interest on Refundable Amount | Expected Refund Obligation Including Interest | Expected Mcf Sales for the 12month Period | Refund Factor per Mcf (\$/Mcf) | Refund Factor per Ccf (cents/Ccf) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | (1) | (2) |  | (3) | (4) | $(5)=(3)+(4)$ | (6) | $(7)=(5) /(6)$ | (8) |
| 1 | Nov-2013 | 2013-00xxx | \$ | - | \$ | \$ |  |  |  |
| 2 | Aug-2013 | 2013-00253 | \$ | - | \$ | \$ | 32,911,082 | \$ | - |
| 3 | May-2013 | 2013-00126 | \$ | - | \$ | \$ | 31,558,041 | \$ | - |
| 4 | Feb-2013 | 2012-00591 | \$ | - | \$ | \$ | 31,579,302 | \$ | - |
| 5 |  |  |  |  |  | Tota | al Refund Factor | \$0.0000 |  |

## LOUISVILLE GAS AND ELECTRIC COMPANY <br> Refund Returned Under RA Factor

Case No. 2012-00286

| Line No. | Recovery Period | Comments | Mcf Sales for Sales Customers | Mcf Sales for TS Customers | RA/Mcf Factor | Amount Refunded per Month | Balance |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | (1) | (2) | (3) | (4) | (5) | (6) $=(3+4)^{*}(5)$ | (7)=(Bal)-(6) |
| 1 |  |  |  |  |  | Beginning Balance | (\$139,275.70) |
| 2 | Aug-12 | Prorated | 346,738 | 8,379 | (\$0.0044) | (\$1,562.51) | (\$137,713.19) |
| 3 | Sep-12 |  | 771,935 | 13,206 | (\$0.0044) | (\$3,454.62) | (\$134,258.57) |
| 4 | Oct-12 |  | 1,057,708 | 15,879 | (\$0.0044) | $(\$ 4,723.78)$ | (\$129,534.79) |
| 5 | Nov-12 |  | 2,550,560 | 30,642 | (\$0.0044) | (\$11,357.29) | (\$118,177.50) |
| 6 | Dec-12 |  | 3,536,106 | 28,156 | (\$0.0044) | (\$15,682.75) | (\$102,494.75) |
| 7 | Jan-13 |  | 5,558,991 | 28,327 | (\$0.0044) | (\$24,584.20) | (\$77,910.55) |
| 8 | Feb-13 |  | 5,622,368 | 30,425 | (\$0.0044) | (\$24,872.29) | (\$53,038.26) |
| 9 | Mar-13 |  | 5,210,138 | 26,704 | (\$0.0044) | (\$23,042.11) | (\$29,996.15) |
| 10 | Apr-13 |  | 3,634,272 | 20,274 | (\$0.0044) | (\$16,080.00) | (\$13,916.15) |
| 11 | May-13 |  | 1,572,218 | 56,576 | (\$0.0044) | $(\$ 7,166.69)$ | (\$6,749,46) |
| 12 | Jun-13 |  | 968,381 | 13,819 | (\$0.0044) | (\$4,321.68) | (\$2,427.78) |
| 13 | Jul-13 |  | 809,923 | 10,912 | (\$0.0044) | (\$3,611.67) | \$1,183.89 |
| 14 | Aug-13 | Prorated | 475,737 | 2,746 | (\$0.0044) | $(\$ 2,105.33)$ | \$3,289.22 |
|  |  |  |  |  | Amount Refunded | (\$142,564.92) |  |
| 15 |  |  | maining Balance to | Transfer to Exhibi | C-1, Page 1 of 3 | \$3,289.22 |  |

## LOUISVILLE GAS AND ELECTRIC

## Gas Supply Clause: 2013-00xxx

Calculation of Performance Based Rate Recovery Component (PBRRC)

The purpose of the PBRRC is to collect Louisville Gas and Electric Company's portion of the savings created under the gas supply cost PBR. In accordance with the Orders of the Commission in Case No. 2001-00017 dated October 26, 2001, and Case No. 2005-00031 dated May 27, 2005, LG\&E is making this filing, the PBRRC established in Case No. 2008-00564, became applicable to gas service rendered on and after February 1, 2010 and remained in effect until January 31, 2011, after which time a new adjustment level was implemented. Therefore, as shown in the following table, the PBRRC amount which became effective with gas service rendered on and after February 1, 2013, and will remain in effect until January 31, 2014, is $\$ 0.00156$ and $\$ 0.01137$ per 100 cubic feet for sales and Rate TS volumes, respectively:

Sales Volumes
Commodity-Related Portion
Demand-Related Portion
Total PBRRC
$\$ 0.00156 / \mathrm{Ccf}$
$\$ 0.01137 / \mathrm{Ccf}$
$\$ 0.01293 / \mathrm{Ccf}$

Transportation Volumes
$\$ 0.00000 / \mathrm{Ccf}$
\$0.01137/Ccf
$\$ 0.01137 / \mathrm{Ccf}$

Please note that Louisville Gas and Electric Company's tariff sales volumes receive both the commodity-related and demand-related portion of the PBRRC. Transportation volumes under Rate TS receive only the demand-related portion of the PBRRC.

## LOUISVILLE GAS AND ELECTRIC COMPANY

# Effective February 1. 2013 with Gas Supply Clause Case No. 2012-00591 Shareholder Portion of PBR Savings <br> PBR Year 16 <br> Split between Demand (Fixed) and Commodity (Volumetric) Components As Determined in LG\&E's Fourth Quarterly PBR Filing 

| Line No. | Commodity | Demand | Total |  |
| :---: | :---: | :---: | :---: | :---: |
| 1 | Company Share of <br> PBR Savings or (Expenses) <br> (CSPBR) | $\$ 513.998$ | $\$ 3,748,012$ | $\$ 4,262,010$ |
| 2 | Expected Mcf Sales for the <br> 12 month period beginning <br> February 1, 2013 | $32,921,978$ | $32,973,064$ |  |
|  | PBRRC factor per Mcf | $\$ 0.0156$ | $\$ 0.1137$ |  |
| 3 | PBRRC factor per Ccf | $\$ 0.00156$ | $\$ 0.01137$ |  |

# LOUISVILLE GAS AND ELECTRIC COMPANY <br> Calculation of Revenue Collected Under PBR Factor 

Case No. 2011-00523


## LOUISVILLE GAS AND ELECTRIC

## Gas Supply Clause: 2013-00xxx Gas Cost True-Up Charge Applicable to Customers Served Under Rate FT and Rider TS-2

The purpose of the Gas Cost True-Up is to collect or refund any under- or over-collected gas costs incurred by transportation customers in previous quarters. Pursuant to the Order dated December 20, 2012, in Case No. 2012-00222, the charge (or credit) applies only to those transportation customers that were previously Louisville Gas and Electric Company sales customers. These under- or over-collected amounts (in the form of the GCAA, GCBA, and PBRRC) that transferring customers would have paid as sales customers will be applied for eighteen months. Therefore, as shown in the following table, the charge (or credit) which will be effective for any customers transferring from an LG\&E sales rate to one of its transportation rates effective November 1, 2012 and November 1, 2013 is respectively:

With Service Elected Effective

GCAA
GCBA
PBRRC
Total
November 1, 2012
$\$ 0.0000 / \mathrm{Mcf}$
$\$(0.0042) / \mathrm{Mcf}$
$\$ 0.0000$ /Mcf
$\$(0.0042) / \mathrm{Mcf}$
November 1, $2013 \quad \$ 0.2782 / \mathrm{Mcf}$

$$
\$(0.0042) / \mathrm{Mcf} \quad \$ 0.1293 / \mathrm{Mcf}
$$

## LOUISVILLE GAS AND ELECTRIC COMPANY

Gas Supply Clause 2013-00xxx
Gas Cost True-Up Charge Applicable to Customers Served Under Rate FT and Rider TS-2

| Line No. With Service Elected Effective | GCAA/Mcf | GCBA/Mcf | PBRRC/Mcf | Tota/Mcf |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| $(1)$ | $(2)$ | $(3)$ | $(4)$ | $(2)+(3)+(4)$ |  |
| 1 | November 1, 2012 | $\$ 0.0000$ | $(\$ 0.0042)$ | $\$ 0.0000$ | $(\$ 0.0042)$ |
| 2 | November 1, 2013 | $\$ 0.2782$ | $(\$ 0.0042)$ | $\$ 0.1293$ | $\$ 0.4033$ |

## LOUISVILLE GAS AND ELECTRIC COMPANY

## GAS SERVICE RATES EFFECTIVE WITH SERVICE

RENDERED FROM
November 1, 2013 through January 31, 2014

|  |  | RATE PER 100 CUBIC FEET |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | BASIC SERVICE CHARGE (PER MONTH) | $\begin{gathered} \text { DISTRIBUTION } \\ \text { COST } \\ \text { COMPONENT } \\ \hline \end{gathered}$ | $\qquad$ | $\begin{gathered} \text { DSM COST } \\ \text { RECOVERY } \\ \text { COMPONENT } \\ \hline \end{gathered}$ | TOTAL |
| RATE RGS - RESIDENTIAL |  |  |  |  |  |
| BASIC SERVICE CHARGE | \$13.50 |  |  |  |  |
| ALL CCF |  | \$0.26419 | \$0.51737 | 0.01761 | \$0.79917 |
| RATE CGS - COMMERCIAL (meter capacity < 5000 CF/HR) |  |  |  |  |  |
| BASIC SERVICE CHARGE | \$35.00 |  |  |  |  |
| APRIL THRU OCTOBER |  |  |  |  |  |
| FIRST 1000 CCF/MONTH |  | \$0.20999 | \$0.51737 | 0.00095 | \$0.72831 |
| OVER 1000 CCF/MONTH |  | \$0.15999 | \$0.51737 | 0.00095 | \$0.67831 |
| NOVEMBER THRU MARCH |  |  |  |  |  |
| ALL CCF |  | \$0.20999 | \$0.51737 | 0.00095 | \$0.72831 |
| RATE CGS - COMMERCIAL (meter capacity $=5000 \mathrm{CF} / \mathrm{HR}$ ) |  |  |  |  |  |
| BASIC SERVICE CHARGE | \$175.00 |  |  |  |  |
| APRIL THRU OCTOBER |  |  |  |  |  |
| FIRST $1000 \mathrm{CCF} / \mathrm{MONTH}$ |  | \$0.20999 | \$0.51737 | 0.00095 | \$0.72831 |
| OVER 1000 CCF/MONTH |  | \$0.15999 | \$0.51737 | 0.00095 | \$0.67831 |
| NOVEMBER THRU MARCH |  |  |  |  |  |
| ALL CCF |  | \$0.20999 | \$0.51737 | 0.00095 | \$0.72831 |
| RATE IGS - INDUSTRIAL (meter capacity < 5000 CF/HR) |  |  |  |  |  |
| BASIC SERVICE CHARGE | \$35.00 |  |  |  |  |
| APRIL THRU OCTOBER |  |  |  |  |  |
| FIRST 1000 CCF/MONTH |  | \$0.21452 | \$0.51737 | 0.00000 | \$0.73189 |
| OVER 1000 CCF/MONTH |  | \$0.16452 | \$0.51737 | 0.00000 | \$0.68189 |
| NOVEMBER THRU MARCH |  |  |  |  |  |
| ALL CCF |  | \$0.21452 | \$0.51737 | 0.00000 | \$0.73189 |
| RATE IGS - INDUSTRIAL (meter capacity > $=5000 \mathrm{CF} / \mathrm{HR}$ ) |  |  |  |  |  |
| BASIC SERVICE CHARGE | \$175.00 |  |  |  |  |
| APRIL THRU OCTOBER |  |  |  |  |  |
| FIRST 1000 CCF/MONTH |  | \$0.21452 | \$0.51737 | 0.00000 | \$0.73189 |
| OVER 1000 CCF/MONTH |  | \$0.16452 | \$0.51737 | 0.00000 | \$0.68189 |
| NOVEMBER THRU MARCH |  |  |  |  |  |
| ALL CCF |  | \$0.21452 | \$0.51737 | 0.00000 | \$0.73189 |
| Rate AAGS | \$275.00 | \$0.60860 | \$0.51737 | 0.00095 | \$1.12692 |
|  | BASIC SERVICE CHARGE (PER MONTH) | $\begin{gathered} \text { DISTRIBUTION } \\ \text { COST } \\ \text { COMPONENT } \\ \hline \end{gathered}$ | GAS SUPPLY COST COMPONENT (GSCC) | DEMAND CHARGE COMPONENT | TOTAL |
| RATE DGGS - COMMERCIAL \& INDUSTRIAL <br> (meter capacity $<5000 \mathrm{CF} / \mathrm{HR}$ ) |  |  |  |  |  |
| BASIC SERVICE CHARGE <br> ALL CCF | \$35.00 | \$0.03095 | \$0.51737 | \$ 1.14020 | \$1.68852 |
| RATE DGGS - COMMERCIAL \& INDUSTRIAL (meter capacity $>=5000 \mathrm{CF} / \mathrm{HR}$ ) |  |  |  |  |  |
| BASIC SERVICE CHARGE | \$175.00 |  |  |  |  |
| ALL CCF |  | \$0.03095 | \$0.51737 | \$ 1.14020 | \$1.68852 |

## EFFECTIVE RATES FOR RATE TS-2 TRANSPORTATION SERVICE

## GAS SERVICE RATES EFFECTIVE WITH SERVICE RENDERED FROM

November 1, 2013 through January 31, 2014

|  |  | PIPELINE |  |
| :---: | :---: | :---: | :---: |
| ADMIN. | LG\&E | SUPPLIER'S | DSM COST |
| CHARGE | DIST | DEMAND | RECOVERY |
| (PERMONTH) | CHARGE | COMPONENT | COMPONENT |

TOTAL

RATE TS-2
RATE CGS - COMMERCIAL $\$ 400.00$ APRIL THRU OCTOBER FIRST $100 \mathrm{MCF} / \mathrm{MONTH}$ OVER 100 MCF/MONTH NOVEMBER THRU MARCH ALL MCF

RATE IGS - INDUSTRIAL
APRIL THRU OCTOBER FIRST 100 MCF/MONTH OVER 100 MCF/MONTH NOVEMBER THRU MARCH ALL MCF
$\$ 400.00$

| $\$ 2.0999$ | $\$ 0.8758$ | 0.0095 | $\$ 2.9852$ |
| :--- | :--- | :--- | :--- |
| $\$ 1.5999$ | $\$ 0.8758$ | 0.0095 | $\$ 2.4852$ |
| $\$ 2.0999$ | $\$ 0.8758$ | 0.0095 | $\$ 2.9852$ |


| $\$ 2.1452$ | $\$ 0.8758$ | 0.0000 | $\$ 3.0210$ |
| :--- | :--- | :--- | :--- |
| $\$ 1.6452$ | $\$ 0.8758$ | 0.0000 | $\$ 2.5210$ |
| $\$ 2.1452$ | $\$ 0.8758$ | 0.0000 | $\$ 3.0210$ |
|  |  |  |  |
|  |  |  |  |
| $\$ 0.6086$ | $\$ 0.8758$ | 0.0095 | $\$ 1.4939$ |

Charges for Gas Transportation Services Provided Under Rate FT
November 1. 2013 through January 31, 2014


## Transporntion Service:

| Monthly Transportation Administrative Charge | As Per Special Contract |
| :--- | :--- |
| Monthly Customer Chatge | As Per Special Contract |
| Distribution Charge / Mcf Delivered | As Per Special Contract |
| Monthly Demand Charge/Mcf | As Per Special Contract |

## Ancillan Services.

| Daily Demand Charge | $\$ 0.1521$ |
| :--- | :--- |
| Daily Storage Charge | $\$ 0.1833$ |
| Utilization Charge per Mci for Daily Balancing | $\$ 0.3354$ |


| Cash-Out Provision for Monthly Imbalances | Percentage to be <br>  <br>  <br> Mulitplied by <br> Cash-Out Pica |
| :--- | :--- |

Cash-Out Provision for Monthly imbalances:
Where Usane is Greater than Yransponed Volume - Biling:

|  |  |
| :--- | :--- |
| First $5 \%$ or less | $100 \%$ |
| nex $5 \%$ | $110 \%$ |
| next $5 \%$ | $120 \%$ |
| next $5 \%$ | $130 \%$ |
| $>$ than $20 \%$ | $140 \%$ |
|  |  |
| nsported Volume is Greater than Usage - Purchase: |  |
| First $5 \%$ or less | $100 \%$ |
| next $5 \%$ | $90 \%$ |
| next $5 \%$ | $80 \%$ |
| next $5 \%$ | $70 \%$ |
| $>$ than $20 \%$ | $60 \%$ |

*The Cash-Out Price for customer over-deliveries is the lowest mid-point price posted in "Gas Daily" for Dominion - South Point during the month; the Cash-Out Price for customer under-deliveries is the highest mid pont price postod in "Gas Dally" for Dominion-South Foint dusing the month.


[^0]:    ${ }^{1}$ The weekly gas storage survey issued by the Energy Information Administration ("EIA") for the week ending September 20, 2013, indicated that storage inventory levels were $5 \%$ lower than last year's levels. Storage inventories across the nation are $179 \mathrm{Bcf}(3,386 \mathrm{Bcf}-3,565 \mathrm{Bcf})$, or $5 \%$, lower this year than the same period one year ago. Last year at this time, $3,565 \mathrm{Bcf}$ was held in storage, while this year 3,386 Bcf is held in storage. Storage inventories across the nation are $30 \mathrm{Bcf}(3,386 \mathrm{Bcf}-3,356 \mathrm{Bcf})$, or less than $1 \%$, higher this year than the five-year average. On average for the last five years at this time, 3,356 Bcf was held in storage. Higher storage inventory levels and the lack of demand for natural gas tend to drive natural gas prices lower. Conversely, lower storage levels, interruptions of gas supply, or increases in demand for natural gas tend to cause increases in the expected price of natural gas.

[^1]:    * The Cash-Out Price for customer over-deliveries is the lowest mid-point price posted in "Gas Daily" for Dominion - South Point during the month; the Cash-Out Price for customer under-deliveries is the highest mid-point price posted in "Gas Daily" for Dominion - South Point during the month.

[^2]:    ${ }^{1}$ The weekly gas storage survey issued by the Energy Information Administration ("EIA") for the week ending September 20, 2013, indicated that storage inventory levels were $5 \%$ lower than last year's levels. Storage inventories across the nation are $179 \operatorname{Bcf}(3,386 \mathrm{Bcf}-3,565 \mathrm{Bcf})$, or $5 \%$, lower this year than the same period one year ago. Last year at this time, 3,565 Bcf was held in storage, while this year 3,386 Bcf is held in storage. Storage inventories across the nation are $30 \mathrm{Bcf}(3,386 \mathrm{Bcf}-3,356 \mathrm{Bcf})$, or less than $1 \%$, higher this year than the five-year average. On average for the last five years at this time, 3,356 Bcf was held in storage. Higher storage inventory levels and the lack of demand for natural gas tend to drive natural gas prices lower. Conversely, lower storage levels, interruptions of gas supply, or increases in demand for natural gas tend to cause increases in the expected price of natural gas.

