a PPL company

Louisville Gas and Electric Company State Regulation and Rates 220 West Main Street PO Box 32010 Louisville, Kentucky 40232 www.Ige-ku.com

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## Re: Louisville Gas and Electric Company Gas Supplv Clause Effective August 1, 2012

Dear Mr. DeRouen:

Pursuant to the provisions of the Company's Gas Supply Clause as authorized by the Commission, we file herewith an original and ten copies of the Eighth Revision of Original Sheet No. 85 of LG\&E Tariff PSC Gas No. 8 setting forth a Gas Supply Cost Component of 39.627 cents per 100 cubic feet applicable to all gas sold during the period of August 1, 2012 through October 31, 2012. 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 August 1, 2012 through October 31, 2012.

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 August 1, 2012 through October 31, 2012. The Gas Cost Actual Adjustment (GCAA) and the Gas Cost Balance Adjustment (GCBA) levels are changed from the levels that were implemented on May 1, 2012. These adjustment levels will remain in effect from August 1, 2012 through October 31, 2012.

Jeff DeRouen, Executive Director<br>Public Service Commission of Kentucky<br>June 29, 2012

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.


Enclosures

## Louisville Gas and Electric Company

P.S.C. Gas No. 8, Eighth Revision of Original Sheet No. 85

Canceling P.S.C. Gas No. 8, Seventh Revision of Original Sheet No. 85
Adjustment Clause
APPLICABLE TO

All gas sold.

## GAS SUPPLY COST COMPONENT (GSCC)

| Gas Supply Cost | \$0.38848 |
| :---: | :---: |
| Gas Cost Actual Adjustment (GCAA) | (0.00802) |
| Gas Cost Balance Adjustment (GCBA) | 0.00688 |
| Refund Factors (RF) continuing for twelve months from the effective date of each or until Company has discharged its refund obligation thereunder: |  |
| Refund Factor Effective November 1, 2011 | (0.00044) |
| Refund Factor Effective February 1, 2012 | (0.00041) |
| Refund Factor Effective May 1, 2012 | (0.00044) |
| Refund Factor Effective August 1, 2012 | (0.00044) |
| Total Refund Factor | (0.00173) |
| Performance-Based Rate Recovery Component (PBRRC) | 0.01066 |

Date of Issue: June 29, 2012
Date Effective: August 1, 2012
Issued By: Lonnie E. Bellar, Vice-President, State Regulation and Rates, Louisville, Kentucky
$\qquad$ dated $\qquad$

# LOUISVILLE GAS AND ELECTRIC COMPANY 

Supporting Calculations For The

Gas Supply Clause 2012-00XXX

## For the Period

August 1, 2012 through October 31, 2012

## LOUISVILLE GAS AND ELECTRIC COMPANY

Derivation of Gas Supply Component Applicable to Service Rendered On and After August 1, 2012

2012-000XX

Gas Supply Cost - See Exhibit A for Detall

| Description | Unit | Amount |
| :--- | ---: | ---: |
| Total Expected Gas Supply Cost |  |  |
| Total Expected Customer Deliveries: August 1,2012 through October 31, 2012 | $\$$ | $13,029,503$ |
| Gas Supply Cost Per Mcf | Mcf | $3,354,003$ |
| Gas Supply Cost Per 100 Cubic Feet | $\$ / \mathrm{Mcf}$ | 3.8848 |


| Description |  |  | Unit | Amount |
| :---: | :---: | :---: | :---: | :---: |
| Current Quarter Actual Adjustment | Eff. August 1, 2012 | (Case No. 2011-00523) | ¢/Ccf | 0923 |
| Previous Quarter Actual Adjustment | Eff May 1, 2012 | (Case No 2011-00402) | ¢/Ccf | (0.975) |
| 2nd Previous Qrt Actual Adjustment | Eff February 1, 2012 | (Case No 2011-00228) | \$/Cof | (0658) |
| 3rd Previous Qrt. Actual Adjustment | Eff November 1, 2011 | (Case No. 2011-00119) | ¢/Ccf | (0.092) |
| Total Gas Cost Actual Adjustment (GCAA) |  |  | ¢/Ccf | (0.802) |


| Description | Unit | Amount |
| :---: | :---: | :---: |
| Balance Adjustment Amount | \$ | $(230,643)$ |
| Total Expected Customer Deliveries: August 1, 2012 through October 31, 2012 | Mcf | 3,354,003 |
| Gas Cost Balance Adjustment (GCBA) Per Mcf | \$/Mcf | 0.0688 |
| Gas Cost Balance Adjustment (GCBA) Per 100 Cubic Feet | $\phi / \mathrm{Ccf}$ | 0.688 |


| Description |  | Unit | Amount |
| :---: | :---: | :---: | :---: |
| Refund Factor Effective: |  |  |  |
| Current Quarter Refund Factor | Eff. August 1, 2012 | $\phi / \mathrm{Ccf}$ | (0 044) |
| 1 st Previous Quarter Refund Factor | Eff. May 1, 2012 | ¢/Ccf | (0.044) |
| 2nd Previous Quarter Refund Factor | Eff. February 1, 2012 | $\phi / \mathrm{Ccf}$ | (0.041) |
| 3rd Previous Quarter Refund Factor | Eff. November 1, 2011 | \$/Ccf | (0.044) |
| Total Refund Factors Per 100 Cubic Feet |  | $\phi / \mathrm{Ccf}$ | (0.173) |


| Description | Unit | Amount |
| :---: | :---: | :---: |
| Performance-Based Rate Recovery Component (PBRRC) | ¢/Ccf | 1.066 |
| Total of PBRRC Factors Per 100 Cubic Feet | ¢/Cef | 1.066 |


| Description | Unit | Amount |
| :---: | :---: | :---: |
| Gas Supply Cost | $\phi / \mathrm{Ccf}$ | 38848 |
| Gas Cost Actual Adjustment (GCAA) | $\phi / \mathrm{Ccf}$ | (0802) |
| Gas Cost Balance Adjustment (GCBA) | $\phi / \mathrm{Ccf}$ | 0.688 |
| Refund Factors (RF) | $\phi / \mathrm{Ccf}$ | (0.173) |
| Perfomance-Based Rate Recovery Component (PBRRC) | $\phi / \mathrm{Ccf}$ | 1.066 |
| Total Gas Supply Cost Component (GSCC) | $\phi /$ Ccf | 39.627 |

## LOUISVILLE GAS AND ELECTRIC COMPANY

Calculation of Gas Supply Costs
For The Three-Month Period From August 1, 2012 through October 31, 2012

|  | MMBtu | August | September | October | Total <br> August12 thru October12 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 1. | Expected Gas Supply Transported Under Texas' No-Notice Service | 1,866,221 | 1,746,817 | 1,940,240 | 5,553,278 |
| 2. | Expected Gas Supply Transported Under Texas' Rate FT | 310,000 | 300,000 | 310,000 | 920,000 |
| 3 | Expected Gas Supply Transported Under Texas' Rate STF | 558,000 | 540,000 | 558,000 | 1,656,000 |
| 4 | Expected Gas Supply Transported Under Tenn 's Rate FT-A (Zone 0) | 1,240,000 | 1,200,000 | 1,240,000 | 3,680,000 |
| 5 | Expected Gas Supply Transported Under Tenn 's Rate FT-A (Zone 1) | 0 | 0 | 0 | 0 |
| 6 | Total MMBtu Purchased | 3,974,221 | $3,786,817$ | 4,048,240 | 11,809,278 |
| 7. | Plus: Withdrawals from Texas Gas' NNS Storage Service | 0 | 0 | 0 | 0 |
| 8 | Less: Injections into Texas Gas' NNS Storage Service | 93,000 | 60,000 | 155,000 | 308,000 |
| 9 | Expected Monthly Deliveries from TGT/TGPL to LG\&E (excluding transportation volumes under LG\&E Rate TS) | 3,881,221 | 3,726,817 | 3,893,240 | 11,501,278 |
| Mcf |  |  |  |  |  |
| 10. | Total Purchases in Mcf | 3,877,289 | 3,694,456 | 3,949,502 |  |
| 11. | Plus: Withdrawals from Texas Gas' NNS Storage Service | 0 | 0 | 0 |  |
| 12 | Less: Injections Texas Gas' NNS Storage Service | 90,732 | 58.537 | 151,220 |  |
| 13. | Expected Monthly Deliveries from TGT/TGPL to LG\&E (excluding transportation volumes under LG\&E Rate TS) | 3,786,557 | 3,635,919 | 3,798,282 |  |
| 14. | Plus: Customer Transportation Volumes under Rate TS | 6,918 | 7.167 | 8.187 |  |
| 15 | Total Expected Monthly Deliveries from TGT/TGPL to LG\&E (Line 13 + Line 14) | 3,793,475 | 3,643,086 | 3,806,469 |  |
| 16 | Less: Purchases for Depts Other Than Gas Dept | 54 | 60 | 115 |  |
| 17. | Less: Purchases Injected into LG\&E's Underground Storage | 2,973,321 | 2,730,647 | 2,124,488 |  |
| 18. | Mcf Purchases Expensed during Month (Line 13-Line 16-Line 17) | 813,182 | 905,212 | 1,673,679 | 3,392,073 |
| 19 | LG\&E's Storage inventory - Beginning of Month | 6,600,001 | 9,531,001 | 12,216,001 |  |
| 20 | Plus: Storage Injections into LG\&E's Underground Storage (Line 17) | 2,973,321 | 2,730,647 | 2,124,488 |  |
| 21 | LG\&E's Storage Inventory - Including Injections | 9,573,322 | 12,261,648 | 14,340,489 |  |
| 22 | Less: Storage Withdrawals from LG\&E's Underground Storage | 0 | 0 | 0 | 0 |
| 23 | Less: Storage Losses | 42,321 | 45,647 | 50,488 | 138,456 |
| 24. | LG\&E's Storage Inventory - End of Month | 9,531,001 | 12,216,001 | 14,290,001 |  |
| 25 | Mcf of Gas Supply Expensed during Month (Line $18+$ Line $22+$ Line 23) | 855,503 | 950,859 | 1,724,167 | 3,530,529 |
| 26 Total Demand Cost-Including Transportation (Line $15 \times$ Line 48) |  |  |  |  |  |
|  |  | \$3,125,444 | \$3,001,539 | \$3,136,150 |  |
| 27 | Less: Demand Cost Recovered thru Rate TS (Line $14 \times$ Line 48) | 5,700 | 5,905 | 6,745 |  |
| 28 | Demand Cost - Net of Demand Costs Recovered thru LG\&E Rate TS | \$3,119,744 | \$2,995,634 | \$3,129,405 |  |
| 29. | Commodity Costs - Gas Supply Under NNS (Line $1 \times$ Line 49) | 5,196,306 | 4,904,014 | 5,601,473 |  |
| 30. | Commodity Costs - Gas Supply Under Rate FT (Line $2 \times$ Line 50) | 841,681 | 821,370 | 873,146 |  |
| 31. | Commodity Costs - Gas Supply Under Rate STF (Line $3 \times$ Line 51) | 1,532,212 | 1,495,098 | 1,588,849 |  |
| 32. | Commodity Costs - Gas Supply Under Rate FT-A Zone 0 (Line $4 \times$ Line 52) | 3,314,396 | 3,234,480 | 3,438,520 |  |
| 33. | Commodity Costs - Gas Supply Under Rate FT-A Zone 1 (Line $5 \times$ Line 53) | 0 | 0 | 0 |  |
| 34. | Total Purchased Gas Cost | \$14,004,339 | \$13,450,596 | \$14,631,393 | \$42,086,328 |
| 35. | Plus: Withdrawals from NNS Storage (Line $7 \times$ Line 49) | 0 | 0 | 0 | 0 |
| 36. | Less: Purchases Injected into NNS Storage (Line $8 \times$ Line 49) | 258.949 | 168,444 | 447,485 | 874,878 |
| 37. | Total Cost of Gas Delivered to LG\&E | \$13,745,390 | \$13,282,152 | \$14,183,908 | \$41,211,450 |
| 38. | Less: Purchases for Depts Other Than Gas Dept (Line $16 \times$ Line 54) | 196 | 219 | 429 | 844 |
| 39 | Less: Purchases Injected into LG\&E's Storage (Line $17 \times$ Line 54) | 10.793,155 | 9,975,053 | 7,933,476 | 28,701,684 |
| 40 | Pipeline Deliveries Expensed During Month | \$2,952.039 | \$3,306,880 | \$6,250,003 | \$12,508,922 |
| 41. | LG\&E's Storage Inventory - Beginning of Month | \$25,399,444 | \$36,032,600 | \$45,836,376 |  |
| 42 | Plus: LG\&E Storage injections (Line 39 above) | 10,793,155 | 9,975,053 | 7.933,476 |  |
| 43. | LG\&E's Storage Inventory - Including injections | \$36,192,599 | \$46,007,653 | \$53,769,852 |  |
| 44. | Less: LG\&E Storage Withdrawals (Line $22 \times$ Line 55) | 0 | 0 | 0 | \$0 |
| 45. | Less: LG\&E Storage Losses (Line $23 \times$ Line 55) | 159,999 | 171,277 | 189,305 | 520,581 |
| 46. | LG\&E's Storage Inventory - End of Month | \$36,032,600 | \$45,836,376 | \$53,580,547 |  |
| 47. | Gas Supply Expenses (Line 40 + Line $44+$ Line 45) | \$3,112,038 | \$3,478,157 | \$6,439,308 | \$13,029,503 |
| Unit Cost |  |  |  |  |  |
| 48 | 12-Month Average Demand Cost - per Mcf (see Page 2) | \$0 8239 | \$0 8239 | \$0 8239 |  |
| 49. | Commodity Cost (per MMBtu) under Texas Gas's No-Notice Service | \$2 7844 | \$28074 | \$28870 |  |
| 50. | Commodity Cost (per MMBtu) under Texas Gas's Rate FT | \$27151 | \$2.7379 | \$2 8166 |  |
| 51. | Commodity Cost (per MMBlu) under Taxs Gas's Rate STF | \$2.7459 | \$2.7687 | \$2 8474 |  |
| 52 | Commodity Cost (per MMBtu) under Tenn Gas's Rate FT-A (Zone 0) | \$2.6729 | \$2.6954 | \$2.7730 |  |
| 53. | Commodity Cost (per MMBtu) under Tern. Gas's Rate FT-A (Zone 1) | \$2.7323 | \$27547 | \$2.8321 |  |
| 54 | Average Cost of Deliveries (Line 37 / Line 13) | \$36300 | \$36530 | \$37343 |  |
| 55 | Average Cost of Inventory - Including Injections (Line 43 / Line 21) | \$37806 | \$3.7522 | \$37495 |  |
| Gas Supply Cost |  |  |  |  |  |
| 56. | Total Expected Mcf Deliveries (Sales) to Customers (August 1, 2012 through October 31, 2012) |  |  |  | 3,354,003 |
| 57. | Current Gas Supply Cost (Line 47 / Line 56) |  |  |  | \$3,8848 |

LOUISVILLE GAS AND ELECTRIC COMPANY
Calculation Of The Average Demand Cost Per Mcf Applicable To For The Three-Month Period From August 1, 2012 through October 31, 2012

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 | 1 | $\$ 5.4329$ | x | 10,000 | MMBtu) $\times 12$ | 651,948 |
| Texas Gas Firm Transportation (Rate STF) Monthly Demand Charge | $($ | \$6.2178 | $x$ | 10.542 | MMBtu) $\times 12$ | 786,577 |
| Tenn. Gas Firm Transportation (Rate FT-A, 0-2) Monthly Demand Charge | $($ | \$6.4640 | $x$ | 40,000 | MMBtu) $\times 12$ | 3,102,720 |
| Tenn Gas Firm Transportation (Rate FT-A, 1-2) Monthly Demand Charge | ( | \$64640 | $x$ | 11,000 | MMBtu) $\times 12$ | 853.248 |
| Long-Term Firm Contracts with Suppliers (Annualized) |  |  |  |  |  | 4,192,876 |

Expected Annual Deliveries from Pipeline Transporters $34,680.490$
(Including Transportation Under Rate TS) - MMBtu
Expected Annuai Deliveries from Pipeline Transporters $33,834,624$
(Including Transportation Under Rate TS) - Mcf

AVERAGE DEMAND COST PER MCF

Pipeline Supplier's Demand Component Applicable to Billings
Under LG\&E's Gas Transportation Service/Standby - Rate TS
For The Three-Month Period From August 1, 2012 through October 31, 2012

| Pipeline Supplier's Demand Component per Mcf | $\$ 0.8239$ |
| :--- | ---: |
| Refund Factor for Demand Portion of | (sexas Gas Refund (see Exhibit D) |
| Terformance Based Rate Recovery |  |
| Component (see Exhibit E) | 0.07173 ) |
| Pipeline Supplier's Demand Component per Mcf - Applicable to Rate TS Transportation | $\$ 0.8781$ |

Daily Demand Charge Component of Utilization Charge For Daily Imbalances under Rates FT and PS.FT
Design Day Requirements (in Mcf) 444,861

# LOUISVILLE GAS AND ELECTRIC COMPANY 

Gas Supply Clause: 2012-00XXX
Gas Supply Cost Effective August 1, 2012

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 17, 2011, TGT submitted tariff sheets to the FERC in Docket No. RP11-2393 to reflect the most current FERC Annual Charge Adjustment ("ACA") to be effective beginning October 1, 2011. The new ACA rate is a decrease of $\$ 0.0001$ per MMBtu from the previous rate of $\$ 0.0019$ per MMBtu to $\$ 0.0018$ per 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 May 1,2012. The tariffed rates are as follows: (a) a daily demand charge of $\$ 0.4190 / \mathrm{MMBtu}$, and (b) a commodity charge of $\$ 0.0632 / \mathrm{MMBtu}$.

LG\&E has negotiated rate agreements applicable to all three NNS service agreements that result in a monthly demand charge applicable to LG\&E of $\$ 12.7104 / \mathrm{MMBtu}$ and a volumetric throughput charge ("commodity charge") applicable to LG\&E of \$0.0632/MMBtu.

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

On August 17, 2011, TGT submitted tariff sheets to the FERC in Docket No. RP11-2393 to reflect the most current FERC Annual Charge Adjustment ("ACA") to be effective beginning October 1, 2011. The new ACA rate is a decrease of $\$ 0.0001$ per MMBtu from the previous rate of $\$ 0.0019$ per MMBtu to $\$ 0.0018$ per 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 August 1, 2012. 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 $\$ 0.3142 / \mathrm{MMBtu}$, and (b) a commodity charge of $\$ 0.0526 / \mathrm{MMBtu}$.

LG\&E has negotiated rate agreements that result in a monthly demand charge applicable to LG\&E of $\$ 5.4329 / \mathrm{MMBtu}$ and an annual volumetric throughput charge ("commodity charge") applicable to LG\&E of $\$ 0.0218 / \mathrm{MMBtu}$.

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

On June 6, 2011, TGT submitted tariff sheets to the FERC in Docket No. RP11-2177 to clarify how backhaul rates are determined and the process that shippers follow to utilize segmentation of their backhaul capacity. On August 17, 2011, TGT submitted tariff sheets to the FERC in Docket No. RP11-2393 to reflect the most current FERC Annual Charge Adjustment ("ACA") to be effective beginning October 1,2011 . The new ACA rate is a decrease of $\$ 0.0001$ per MMBtu from the previous rate of $\$ 0.0019$ per MMBtu to $\$ 0.0018$ per 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 August 1, 2012. The tariffed rates are as follows: for the winter season, (a) a daily demand charge of $\$ \$ 0.4701 / \mathrm{MMBtu}$, and (b) a commodity charge of $\$ 0.0526 / \mathrm{MMBtu}$; and for the summer season, (a) a daily demand charge of $\$ 0.2042 / \mathrm{MMBtu}$, and (b) a commodity charge of $\$ 0.0526$.

LG\&E has negotiated rate agreements that result in the following charges: a weighted-average monthly demand charge of $\$ 6.2178 / \mathrm{MMBtu}$; a winter season commodity-only rate of $\$ 0.5247 / \mathrm{MMBtu}$ and a summer season commodity rate of $\$ 0.0526 / \mathrm{MMBtu}$.

## Tennessee Gas Pipeline Company

On January 27, 2012, in FERC Docket RP11-1566, TGPL submitted its filing to comply with FERC's directive in its Order of December 5, 2011, whereby TGPL was directed to submit tariffs to implement the settlement in Docket RP11-1566.

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

Attached hereto as Exhibit A-1 (a), Pages 5, and 6, are the tariff sheets for transportation service under Rate FT-A, which will be applicable on and after August 1, 2012. 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 $\$ 0.0403 / \mathrm{MMB}$ tu. The tariffed rates are as follows for deliveries from Zone 1 to Zone 2: (a) a monthly demand charge of $\$ 11.1329 / \mathrm{MMBtu}$, and (b) a commodity charge of \$0.0337/MMBtu.

LG\&E has negotiated rate agreements that result in a monthly demand charge applicable to LG\&E of $\$ 6.4640 / \mathrm{MMBtu}$ and an annual commodity rate of $\$ 0.0383 / \mathrm{MMBtu}$ for deliveries from Zone 0 to Zone 2, and $\$ 0.0347 / \mathrm{MMBtu}$ for deliveries from Zone 1 to Zone 2.

## Gas Supply Costs

The New York Mercantile Exchange ("NYMEX") natural gas futures prices as of June 27, 2012, are $\$ 2.798 / \mathrm{MMBtu}$ for August, $\$ 2.809 / \mathrm{MMBtu}$ for September, and $\$ 2.869 / \mathrm{MMBtu}$ for October. 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 $27 \%$ higher 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;
- New domestic supplies from unconventional shale gas plays continue to come on line;
- New pipeline infrastructure is delivering new natural gas supplies to marketplace;
- Gas-fired electric generation loads will boost weather-driven demand for natural gas; and
- Gas supply disruptions could boost prices.

During the three-month period under review, August 1, 2012, through October 31, 2012, LG\&E estimates that its total purchases will be $11,501,278$ MMBtu. LG\&E expects that $5,245,278$ MMBtu will be met with deliveries from TGT's pipeline service under Rate NNS (5,553,278 MMBtu in pipeline deliveries less $308,000 \mathrm{MMBtu}$ in net storage injections); $920,000 \mathrm{MMBtu}$ will be met from deliveries under TGT's pipeline service under Rate FT; $1,656,000 \mathrm{MMBtu}$ will be met from deliveries under TGT's pipeline service under Rate STF; 3,680,000 MMBtu will be met from deliveries under TGPL's pipeline service under Rate FT-A from Zone 0; 0 MMBtu will be met from deliveries under TGPL's pipeline service under Rate FT-A from Zone 1.

[^0]The average commodity cost of gas purchased from gas suppliers by LG\&E and delivered to TGT under the NNS service is expected to be $\$ 2.7844$ per MMBtu in August 2012, $\$ 2.8074$ in September 2012, and $\$ 2.8870$ in October 2012. The average commodity cost of gas purchased from gas suppliers by LG\&E and delivered to TGT under the FT service is expected to be $\$ 2.7151$ per MMBtu in August 2012, $\$ 2.7379$ in September 2012, and $\$ 2.8166$ in October 2012. The average commodity cost of gas purchased from gas suppliers by LG\&E and delivered to TGT under the STF service is expected to be $\$ 2.7459$ per MMBtu in August 2012, $\$ 2.7687$ in September 2012, and $\$ 2.8474$ in October 2012. 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 $\$ 2.6729$ per MMBtu in August 2012, $\$ 2.6954$ in September 2012, and $\$ 2.7730$ in October 2012; and the average commodity cost of gas purchased from gas suppliers by LG\&E and delivered to TGPL from its Zone 1 is expected to be $\$ 2.7323$ per MMBtu in August 2012, \$2.7547 in September 2012, and \$2.8321 in October 2012.

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 PURCHASE PRICE PER MMBTU UNDER TEXAS GAS'S NO-NOTICE SERVICE RATE

| August 2012 | $\$ 2.5990$ | $4.49 \%$ | $\$ 0.0632$ | $\$ 2.7844$ |
| :--- | :--- | :--- | :--- | :--- |
| September 2012 | $\$ 2.6210$ | $4.49 \%$ | $\$ 0.0632$ | $\$ 2.8074$ |
| October 2012 | $\$ 2.6970$ | $4.49 \%$ | $\$ 0.0632$ | $\$ 2.8870$ |

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

|  | ESTIMATED <br> PRICE AS | RETENTION |  |  |
| :--- | :---: | :---: | :---: | :---: |
| DELIVERED |  |  |  |  |
|  | TOTEXAS GAS | RATE FT | TOTAL |  |
|  |  | TO 4) | TRANSPORT | ESTIMATED |
| DELIVERED |  |  |  |  |

RATE STF
SYSTEM SUPPLY 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 |  |
|  | TO TEXAS GAS | TO 4) | CHARGE | PRICE |
| August 2012 | $\$ 2.5990$ |  |  |  |
| September 2012 | $\$ 2.6210$ | $3.50 \%$ | $\$ 0.0526$ | $\$ 2.7459$ |
| October 2012 | $\$ 2.6970$ | $3.50 \%$ | $\$ 0.0526$ | $\$ 2.7687$ |
|  |  | $3.50 \%$ | $\$ 0.0526$ | $\$ 2.8474$ |

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

| August 2012 | $\$ 2.5790$ | $2.11 \%$ | $\$ 0.0383$ | $\$ 2.6729$ |
| :--- | :--- | :--- | :--- | :--- |
| September 2012 | $\$ 2.6010$ | $2.11 \%$ | $\$ 0.0383$ | $\$ 2.6954$ |
| October 2012 | $\$ 2.6770$ | $2.11 \%$ | $\$ 0.0383$ | $\$ 2.7730$ |

Zone 1

| August 2012 | $\$ 2.6490$ | $1.80 \%$ | $\$ 0.0347$ | $\$ 2.7323$ |
| :--- | :--- | :--- | :--- | :--- |
| September 2012 | $\$ 2.6710$ | $1.80 \%$ | $\$ 0.0347$ | $\$ 2.7547$ |
| October 2012 | $\$ 2.7470$ | $1.80 \%$ | $\$ 0.0347$ | $\$ 2.8321$ |

The annual demand billings covering the 12 months from August 1, 2012 through July 31, 2013, for the firm contracts with natural gas suppliers are currently expected to be $\$ 4,192,876$.

## Rate FT and Rate PS-FT

The demand-related supply costs applicable to the Daily Utilization Charge under Rates FT and PS-FT applicable during the three-month period of August 1, 2012 through October 31, 2012 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 Tariff Rates (1) | FERC ACA (2) | Currently Effective Rates (3) |
| :---: | :---: | :---: | :---: |
| Zone SL |  |  |  |
| Daily Demand | 0.1800 |  | 0.1800 |
| Commodity | 0.0253 | 0.0018 | 0.0271 |
| Overrun | 0.2053 | 0.0018 | 0.2071 |
| Zone 1 |  |  |  |
| Daily Demand | 0.2782 |  | 0.2782 |
| Commodily | 0.0431 | 0.0018 | 0.0449 |
| Overrun | 0.3213 | 0.0018 | 0.3231 |
| Zone 2 |  |  |  |
| Daily Demand | 0.3088 |  | 0.3088 |
| Commodity | 0.0460 | 0.0018 | 0.0478 |
| Overrun | 0.3548 | 0.0018 | 0.3566 |
| Zone 3 |  |  |  |
| Daily Demand | 0.3543 |  | 0.3543 |
| Commodity | 0.0490 | 0.0018 | 0.0508 |
| Overrun | 0.4033 | 0.0018 | 0.4051 |
| Zone 4 |  |  |  |
| Daily Demand | 0.4190 |  | 0.4190 |
| Commodity | 0.0614 | 0.0018 | 0.0632 |
| Overrun | 0.4804 | 0.0018 | 0.4822 |


| Minimum Rate: Demand $\$-0-$;- Commodity | Zone SL | 0.0163 |
| ---: | ---: | ---: |
| Zone 1 | 0.0186 |  |
| Zone 2 | 0.0223 |  |
| Zone 3 | 0.0262 |  |
| Zone 4 | 0.0308 |  |

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 Plpellne 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.

\section*{Currently Effective Maximum Dally Demand Rates (\$ per MMBtu) For Service Under Rate Schedule FT <br> Currently Effective Rates [1] <br> | 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 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 Plpelines, 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 Tariff <br> Rates <br> $(1)$ | FERC <br> ACA | Curently <br> Effective <br> Rates |
| :--- | :---: | :---: | :---: |
| SL-SL | 0.0104 | $(2)$ | $(3)$ |
| SL-1 | 0.0355 | 0.0018 | 0.0122 |
| SL-2 | 0.0399 | 0.0018 | 0.0373 |
| SL-3 | 0.0445 | 0.0018 | 0.0417 |
| SL-4 | 0.0528 | 0.0018 | 0.0463 |
| $1-1$ | 0.0337 | 0.0018 | 0.0546 |
| $1-2$ | 0.0385 | 0.0018 | 0.0355 |
| $1-3$ | 0.0422 | 0.0018 | 0.0403 |
| $1-4$ | 0.0508 | 0.0018 | 0.0440 |
| $2-2$ | 0.0323 | 0.0018 | 0.0526 |
| $2-3$ | 0.0360 | 0.0018 | 0.0341 |
| $2-4$ | 0.0446 | 0.0018 | 0.0378 |
| $3-3$ | 0.0312 | 0.0018 | 0.0464 |
| $3-4$ | 0.0398 | 0.0018 | 0.0330 |
| $4-4$ | 0.0360 | 0.0018 | 0.0416 |
|  | 0.0018 | 0.0378 |  |

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 recelpt 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 Transportation Rates (\$ per MMBtu) 

 For Service under Rate Schedule STFPeak (Winter)-Demand
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 rates equal forward haul rates from Zone SL to zone of dellvery; 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 commodily 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


## Notes:

i/ 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 Plpeline Company, L,L,C,

FERC NGA Gas Tariff
Sixth Revised Volume No. 1

Seventh Revised Sheet No. 15
Superseding
Sixth Revised Sheet No, 15

RATES PER DEKATHERM

|  | COMMODITY RATES RATE SCHEDULE FOR FT-A |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Base Commodity Rates | DELIVERY ZONE |  |  |  |  |  |  |  |  |
| - | ZONE | 0 | L | 1 | 2 | 3 | 4 | 5 | 6 |
|  | $\begin{aligned} & 0 \\ & \mathrm{~L} \end{aligned}$ | \$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 | \$0.0026 | \$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 |

Minimum
Commodity Rates 1/, 2/
DELIVERY ZONE

| - | $\begin{aligned} & \text { RECEIPT } \\ & \text { ZONE } \end{aligned}$ | 0 | $L$ | 1 | 2 | 3 | 4 | 5 | 6 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | \$0.0050 | \$0.0030 | \$0.0133 | \$0.0195 | \$0.0237 | \$0.0268 | \$0.0302 | \$0.0364 |
|  | 1 | \$0.0060 |  | \$0.0099 | \$0.0165 | \$0.0197 | \$0.0228 | \$0.0274 | \$0.0318 |
|  | 2 | \$0.0185 |  | \$0.0105 | \$0.0030 | \$0.0046 | \$0.0074 | \$0.0118 | \$0.0161 |
|  | 3 | \$0.0225 |  | \$0.0187 | \$0.0044 | \$0.0020 | \$0.0099 | \$0.0136 | \$0.0181 |
|  | 4 | \$0.0268 |  | \$0.0223 | \$0.0105 | \$0.0123 | \$0.0046 | \$0,0064 | \$0.0110 |
|  | 5 | \$0.0302 |  | \$0.0274 | \$0.0118 | \$0.0136 | $\$ 0.0064$ | \$0,0064 | $\$ 0.0084$ |
|  | 6 | \$0.0364 |  | \$0.0318 | \$0.0161 | \$0.0181 | \$0.0104 | \$0.0059 | \$0.0038 |

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

| DELIVERY ZONE |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| ZONE | 0 | L | 1 | 2 | 3 | 4 | 5 | 6 |
| 0 | $\$ 0.0050$ | \$0.0030 | \$ 0.0133 | \$0.0195 | \$0.0237 | \$0.2769 | \$0.2643 | \$0.3142 |
| L |  |  |  |  |  |  |  |  |
| 1 | \$0,0060 |  | \$0.0099 | \$0.0165 | \$0.0197 | \$0.2357 | \$0.2403 | \$0.2741 |
| 2 | \$0.0185 |  | \$0.0105 | \$0.0030 | \$0.0046 | \$0.0775 | \$0.1232 | \$0.1363 |
| 3 | \$0.0225 |  | \$0.0187 | \$0.0044 | \$0.0020 | \$0.1030 | \$0.1418 | \$0.1546 |
| 4 | \$0.0268 |  | \$0.0223 | \$0.0105 | \$0.0123 | \$0.0486 | \$0.0680 | \$0.1091 |
| 5 | \$0.0302 |  | \$0.0274 | \$0.0118 | \$0.0136 | \$0.0677 | \$0.0671 | \$0.0829 |
| 6 | \$0.0364 |  | \$0.0318 | \$0.0161 | \$0.0181 | \$0.1032 | \$0.0567 | \$0.0352 |

## Notes:

1/ Inciudes a per Dth charge for (ACA) Annual Charge Adjustment of $\$ 0.0018$
2) The appllcable 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 recelpt point, Shipper shall render only the quantlty of gas associated with Losses of $0.21 \%$.
3/ Includes a per Dth charge for the PS/GHG Surcharge Adjustment per Article XXXVIII of the General Terms and Conditions of $\$ 0.0000$.

# LOUISVILLE GAS AND ELECTRIC COMPANY 

## Gas Supply Clause: 2012-00XXX

## 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 under-recovery from Case Number 2011-00523 during the three-month period of February 1, 2012 through April 30, 2012, was $\$ 2,904,689$. The calculation of the Gas Cost Actual Adjustment (GCAA) set forth in Exhibit B-1 results in a charge of $0.923 \phi$ per 100 cubic feet, which LG\&E will place in effect with service rendered on and after August 1, 2012, 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 February through April 2012. [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 2010-00525, with service rendered through July 31, 2012, 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 August 2012.

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

Current Quarter Actual Adjustment:
Effective August 1, 2012 from 2011-00523 0.923 cents/Ccf
Previous Quarter Actual Adjustment:
Effective May 1, 2011 from 2011-00402
(0.975) cents/Ccf

2nd Previous Quarter Actual Adjustment:
Effective February 1, 2012 from 2011-00228
(0.658) cents/Ccf

3rd Previous Quarter Actual Adjustment:
Effective November 1, 2011 from 2011-00119
(0.092) cents/Ccf

Total Gas Cost Actual Adjustment (GCAA)
(.802) 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) | (2) |  |
| :---: | :---: | :---: |
| Cost Recovery Under GSC Compared to Actual Gas Supply Costs |  |  |
| Total Dollars of Gas Cost Recovered ${ }^{1}$ | Gas Supply <br> Cost Per <br> Books ${ }^{2}$ | Over Or <br> (Under) <br> Recovery $(1)-(2)$ |
| 95,581,282 | 87,981,656 | 7.599,626 |
| 15,921,233 | 11,144,190 | 4,777,043 |
| 18,715,652 | 14,915,016 | 3,800,636 |
| 97,434,409 | 98,877,723 | $(1,443,314)$ |
| 69,543,463 | 67,237,660 | 2,305,803 |
| 14,187,592 | 13,637,314 | 550,278 |
| 18,348,910 | 13,370,152 | 4,978,758 |
| 93,708,777 | 94,120,400 | $(411,623)$ |
| 58,344,142 | 60,076,947 | $(1,732,805)$ |
| 16,571,886 | 16,280,721 | 291,165 |
| 19,148,513 | 17,069,244 | 2,079,269 |
| 65,125,536 | 62,055,305 | 3,070,230 |
| 37,124,046 | 40,028,735 | (2,904,689) |

(4) (5) (6)
Derivation of Gas Cost Actual Adjustment (GCAA)
Which Compensates for Over or Under Recoveries

[^1]

1. Monthly Mcf Sales include volumes for Natural Gas Vehicles (NGVs).

## LOUISVILLE GAS AND ELECTRIC COMPANY

Summary of Gas Costs Recovered
Under Provisions of Rate FT

|  | Billing Month | Case Number | UCDI <br> Demand <br> Chrg / Mcf | Cash-Out <br> Sales (Mcf) | Cash-Out <br> Sales (\$) | MMBTU Adjust. (Mcf) | MMBTU <br> Adjust. (\$) |  | $\begin{aligned} & \text { UCDI } \\ & \text { Mcf } \end{aligned}$ | $\begin{gathered} \text { UCDI \$ } \\ {[(3) \times(10)]} \end{gathered}$ | OFO $\$$ | $\begin{gathered} \text { Monthly \$'s } \\ \text { Recovered } \\ {[(5)+(7)+(9)+(10)]} \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 2010 | Nov | 2010-00387 | 0.1848 | 32,322.8 | \$146,250.76 | - | \$ | - | 95,937.2 | \$17,729.19 | \$0.00 | \$163,979.95 |
|  | Dec | 2010-00387 | 0.1848 | 7,184.5 | \$36,533.18 | - | \$ | - | 246,546.5 | \$45,561.79 | \$56,416.90 | \$138,511.87 |
| 2011 | Jan | 2010-00387 | 0.1848 | 766.1 | \$4,056.63 | - | \$ | - | 169,885.6 | \$31,394.86 | $\begin{array}{r} \$ 756.29 \\ \hline \$ 57,173.19 \end{array}$ | \$36,207.78 |
|  |  |  |  |  |  |  |  |  |  |  | Total FT Revenues | \$338,699.60 |
| 2011 | Feb | 2010-00525 | 0.1847 | 1,996.9 | \$10,320.78 | - | \$ | - | 106,431.5 | \$19,657.90 | \$2,596.50 | \$32,575.18 |
|  | Mar | 2010-00525 | 0.1847 | 12,438.6 | \$57,279.74 | - | \$ | - | 91,645.4 | \$16,926.91 | \$0.00 | \$74,206.65 |
|  | Apr | 2010-00525 | 0.1847 | 5,924.5 | \$27,231.62 | - | \$ | - | 109,274.4 | \$20,182.98 | \$2,596.50 | \$47,414.60 |
|  |  |  |  |  |  |  |  |  |  |  | Total FT Revenues | \$154,196.43 |
| 2011 | May | 2011-00119 | 0.1850 | 875.4 | \$4,245.70 | - | \$ | - | 92,563.7 | \$17,124.28 | \$0.00 | \$21,369.98 |
|  | Jun | 2011-00119 | 0.1850 | 7.084 .7 | \$36,379.94 | - | \$ | - | 61,428.6 | \$11,364.28 | \$0.00 | \$47,744.22 |
|  | Jul | 2011-00119 | 0.1850 | 17.148 .7 | \$84,347.57 | - | \$ | - | 74.589.0 | \$13,798.97 | \$0.00 | \$98,146.54 |
|  |  |  |  |  |  |  |  |  |  |  | Total FT Revenues | \$167,260.74 |
| 2011 | Aug | 2011-00228 | 0.1846 | 5,121.2 | \$23,353.91 | - | \$ | - | 52,449.1 | \$9,682.10 | \$0.00 | \$33,036.01 |
|  | Sep | 2011-00228 | 0.1846 | 10,008.4 | \$42,551.13 | - | \$ | - | 79,839.2 | \$14,738.32 | \$0.00 | \$57,289.45 |
|  | Oct | 2011-00228 | 0.1846 | 22,100.0 | \$85,924.96 | - | \$ | - | 131,359.1 | \$24,248.89 | \$0.00 | \$110,173.85 |
|  |  |  |  |  |  |  |  |  |  |  | Total FT Revenues | \$200,499.31 |
| 2011 | Nov | 2011-00402 | 0.1720 | 11,160.6 | \$41,260.73 | - | \$ | - | 99,379.8 | \$17,093.33 | \$0.00 | \$58,354.06 |
|  | Dec | 2011-00402 | 0.1720 | 11,431.0 | \$43,698.79 | - | \$ | - | 121,592.1 | \$20,913.84 | \$0.00 | \$64,612.63 |
| 2012 | Jan | 2011-00402 | 0.1720 | 2,506.6 | \$8,307.52 | - | \$ | - | 133,454.6 | \$22,954.19 | \$0.00 | \$31,261.71 |
|  |  |  |  |  |  |  |  |  |  |  | Total FT Revenues | \$154,228.40 |
| 2012 | Feb | 2011-00523 | 0.1722 | 2,124.4 | \$5,753.30 | - | \$ | - | 53,626.8 | \$9,234.53 | \$0.00 | \$14,987.83 |
|  | Mar | 2011-00523 | 0.1722 | 598.1 | \$1,483.29 | - | \$ | - | 72,359.3 | \$12,460.27 | \$0.00 | \$13,943.56 |
|  | Apr | 2011-00523 | 0.1722 | 6,686.2 | \$15,371,50 | - | \$ |  | 96,728.5 | \$16,656.65 | $\frac{\$ 0.00}{50.00}$ | \$32,028.15 |
|  |  |  |  |  |  |  |  |  | Total FT Revenues |  | \$60,959.54 |

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.

Note: Effective February 6, 2009, Rate RBS was eliminated per PSC Order dated February 5, 2009, in Case No. 2008-00252.


LOUISVILLE GAS AND ELECTRIC COMPANY
SUMMARY OF GAS PURCHASES AND COSTS BY SUPPLIER
FOR THE 3 MONTH PERJOD FROM FEBRUARY 2012 THROUGH APRIL 2012
DELIVEREO BY TEXAS GAS TRANSMISSION
COMMODITY AND VOLUMETRIC CHARGES
NATURAI GAS SUPPLIERS:
1.
2.
3.

NO-NOTICE SERVICE ("NNS") STORAGE:

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

NATURAL GAS TRANSPORTERS:
NATURAS GAS TRANSMISSION, LIC
2. ADJUSTMENTS
3. ADJUSTMEN

TOTAL COMMODITY AND VOLUMETRIC CHARGES
oEmand and FIXED CHARGES:
. TEXAS GAS TRANSMISSION.LLC

- EXAS GAS TRA
- AJJPPLY RESERVATION CHARGES

4. ADJUSTMENTS

- CAPACTTY RELEASE CREDITS
- ADJUSTMENTS

TOTAL DEMAND AND FIXED CHARGES
TOTAL PURCHASED GAS COSTS - TEXAS GAS TRANSMISSION. LIC

| FEBRUARY 2012 |  |  |
| :---: | :---: | :---: |
| NET MMETU | MCF | 5 |
| 581.711 | 567.523 | \$1,571,220.00 |
| 0 | 0 | \$0.00 |
| 0 | 0 | \$0.00 |
| 0 | 0 | 50.00 |
| 0 | 0 | \$0.00 |
| 128.777 | 125.636 | \$336,438.44 |
| 0 | 0 | \$0.00 |
| 30.000 | 29,268 | \$79,500.00 |
| 71,634 | 69,887 | \$187,125.00 |
| 0 | 0 | \$0.00 |
| 0 | 0 | \$0.00 |
| 812.122 | 792,314 | \$2,174,283.44 |
| 405.432 | 395.543 | \$1,088,706.55 |
| (27.583) | (26.910) | (\$74,068.63) |
| 0 | 18,387 | \$0.00 |
| 0 | 0 | \$0.00 |
| 0 | 0 | \$0,00 |
| 377.849 | 387.020 | \$1,044.637.92 |


| MARCH 2012 |
| :---: |
| NET MMBTU |
| MCF |


| APRLL 2012 |  |  |
| :---: | :---: | :---: |
| NETMMBTU | MCF | \$ |
| 0 | 0 | S0.00 |
| 0 | 0 | \$0.00 |
| 28.653 | 27,954 | \$56,200.00 |
| 256,438 | 250,232 | \$561,263.23 |
| 205,443 | 200.432 | \$406.442.60 |
| 0 | 0 | \$0.00 |
| 112.579 | 110,223 | \$226,700.00 |
| 10.000 | 9.756 | \$20,450.00 |
| 47.755 | 46.590 | \$95.650.00 |
| 372,660 | 363.571 | \$806,325.00 |
| 100.485 | 98,034 | \$795.150.00 |
| 1,134,463 | 1,106.792 | \$2,368,180,83 |
| 5,985 | 5.839 | \$12.524.81 |
| (818,889) | (798,916) | ( $51.713,689.01$ ) |
| 0 | (4.088) | \$0.00 |
| 0 | 0 | \$0.00 |
| 0 | 0 | (\$1,393,377.65) |
| (812.904) | (797.165) | (\$3,094,541.85) |



| $\$ 2,465,216.10$ |
| ---: |
| $\$ 136.942 .50$ |
| $\$ 0.00$ |
| $\$ 0.00$ |
| $\$ 0.00$ |
| $\$ 2.602 .158 .60$ |
| $\$ 3.547 .158 .37$ |

SUMMARY OF GAS PURCHASES AND COSTS BY SUPPLIER
SUMMARY OF GAS PURCHASES AND COSTS BY SUPPLIER
FOR THE 3 MONTH PERIOD FROM FEBRUARY 2012 THROUGH APRIL 2012
DELIVERED BY TENNESSEE GAS PIPEII
COMMODITY AND VOLUMETRIC CHARGE
NATURAL GAS SUPPLIERS:
1.

NATURAL GAS TRANSPORTERS:
. TENNESSEE GAS PIPELINE COMPANY
2. TENNESSEE GAS PIPELINE COMPANY
3. ADJUSTMENTS
4. ADJUSTMENTS
5. ADJUSTMENTS
total
TOTAL COMMODITY AND VOLUMETRIC CHARGES

| FEBRUARY 2012 |  |  |
| ---: | ---: | ---: |
| NETMMBTU | MCF |  |
| 234,287 | 276,007 | $\$ 729,575.00$ |
| 19,606 | 19,035 | $\$ 49,050.00$ |
| 0 | 0 | $\$ 0.00$ |
| 0 | 0 | $\$ 0.00$ |
| 280.000 | 271,845 | $\$ 725,4051.12$ |
| 40.000 | 38,835 | $\$ 104,050.20$ |
| 623,893 | 605,722 | $\$ 1,608,170.32$ |


| MARCH 2012 |  |  |
| :---: | :---: | :---: |
| NETMMBTU | MCF | s |
| 0 | 0 | \$0.00 |
| 0 | 0 | \$0.00 |
| 0 | 0 | \$0.00 |
| 137.242 | 133.245 | \$286,900.00 |
| 120,000 | 116,505 | \$292,564.68 |
| 0 | 0 | \$0.00 |
| 257.242 | 249,750 | \$579.464.68 |


| APRIL 2012 |  |  |
| ---: | ---: | ---: | ---: |
| NET MMBTU | MCF |  |
| 97,891 | 95,040 | $\$ 184,675.00$ |
| 0 | 0 | $\$ 0.00$ |
| 08,107 | 85,535 | $\$ 174,600.00$ |
| 19,578 | 19,003 | $\$ 37,150.00$ |
| 0 | 0 | 50.00 |
| 0 | 0 | $\$ 0.00$ |
| 205.570 | 199.583 | $\$ 396,425.00$ |

Emand and FIXED CHARGES:

1. TENNESSEE GAS PIPEUNE COMPANY
2. TRANSPORTATION EY OTHERS
3. SUPPLY RESERVATION CHARG


| (393) | 2,673 | $\begin{gathered} \$ 3.597 .48 \\ \$ 4.275 .85 \\ (\$ \$ 00.74) \end{gathered}$ |
| :---: | :---: | :---: |
| 0 | 0 | \$70.09 |
| 0 | 0 | \$0.00 |
| 205.177 | 202.256 | \$7,043.28 |
|  |  | \$403,468.28 |
|  |  | \$329,664.00 |
|  |  | \$0.00 |
|  |  | \$0.00 |
|  |  | \$0.00 |
|  |  | \$329,654.00 |
|  |  | 5733.132.28 |


|  | 32.273 | $578,493.57$ |
| ---: | ---: | ---: |
| $1.813,933$ | $1.854,300$ | $\$ 8,2493.462 .75$ |


$\frac{25.710}{25.710}-\frac{\$ 46.141 .58}{\$ 46.141 .58}$
$1.813,933 \quad 1,854,300 \quad \$ 8.224,46275$
630,786


OTHER PURCHASES

1. CASH-OUT OF CUSTOMER OVER-DELNERIES total
TOTAL PURCHASED GAS COSTS - ALL PIPELINES
TOTAL DEMAND AND FIXED CHARGES
TOTAL PURCHASED GAS COSTS - TENNESSEE GAS PIPELINE COMPANY

## N

# LOUISVILLE GAS AND ELECTRIC COMPANY 

## Gas Supply Clause: 2012-00XXX <br> 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 under-recovery that must be collected under the Gas Cost Balance Adjustment (GCBA) during the period of August 1, 2012 through October 31, 2012, set forth on Page 1 of Exhibit C-1, is $\$ 230,643$. The GCBA factor required to return this under-recovery is a charge of $.688 \notin$ per 100 cubic feet. LG\&E will place this charge into effect with service rendered on and after August 1,2012 and continue for three months.

In this filing, LG\&E will also be eliminating the GCBA from Case 2012-00125, which, with service rendered through July 2012, will have been in effect for three months. Any over- or under-recovery 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 August 1, 2012.

# LOUISVILLE GAS AND ELECTRIC COMPANY 

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

| (1) |  | (2) <br> Remaining Over (Under) | (3) <br> Amt. Transferred From Refund Factor \& PBRRC (\$) | (4) GCBA From Second Preceding 3 Mo . Period (\$) | (5) <br> Applicable Sales During 3 Mo. Period ${ }^{2}$ (mcf) | (6) GCBA Factor From Second Preceding 3 Mo. Period (cents/mof) |  | (8) Remanning Over (Under) Recovery$\qquad$ ( 8 ) | (9) <br> Deferred <br> Amounts <br> (\$) | (10) <br> Total <br> Remaning Over (Under) <br> Recovery <br> (\$) <br> (\$) | (11) <br> Expected Sales For 3 Mo. Period (mcf) | $\begin{gathered} \text { (12) } \\ \\ \text { GCBA } \\ \text { (cents/mef) } \end{gathered}$ | (13)$\begin{gathered} \text { GCBA } \\ (\text { cents } 1 \text { cef) }) \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Implemented for Three-Mo |  | From GCAA ${ }^{\text {I }}$ |  |  |  |  |  |  |  |  |  |  |  |
| Perrod With Service |  |  |  |  |  |  |  |  |  |  | $(2+3+8+9)$ |  |  |  |
| Rendered On and After: |  |  |  |  |  |  | (5) $\times$ (6) | (4) $+(7)$ |  |  |  |  |  |  |  |  |  |  |
|  |  |  | $\begin{array}{r} (470,308)^{4} \\ 20,942{ }^{5} \end{array}$ |  |  |  |  |  |  | 1,670,912 | 3,349,006 | (49.89) | (4.989) |
|  | (Case No. 2007-00267) | 2,151,894 |  | 442.448 | 12,051,122 | (3.76) | (453,122) | (10,674) |  | 1,912,531 | 15,504,337 | (12.34) | (1.234) |
| August 1, 2007 | (Case No. 2007-00428) | 2,200,035 |  | $(3,123,326)$ | 2,614,844 | 107.65 | 2,814,880 | $(308.446)$ |  | 247,741 | 11,191,562 | (2.21) | (0.221) |
| November 1,2007 | (Case No. 2007-00428) | 2,2,464 |  | 1,670,912 | 2,869,583 | (49.89) | (1,431,635) | 239,277 |  | 282,719 | 2,745,844 | (10.30) | (1.030) |
| February 1, 2008 | (Case No. 2007-00559) | 150,798 |  | 1,912,531 | 14,429,576 | (12.34) | (1,780,610) | 131,921 |  | $(457,436)$ | 3,682,115 | 12.42 | 1.242 |
| May 1, 2008 | (Case No. 2008-00117) | (169,651) | $(260,366){ }^{4}$ | 247,741 | 12,450,630 | (2.21) | (275,159) | (27,418) |  | $(255,483)$ | 15,435,648 | 1.6 | 0.166 |
| August 1, 2008 | (Case No. 2008-00246) | (169,651) |  | 282,719 | 2,898,628 | (10.30) | $(298,559)$ | $(15,839)$ |  | ( 2555,483 ) |  | 12.57 | 1.257 |
| November 1, 2008 | (Case No. 2008-00430) | (239,644) | $(1,307,422)^{6}$ | $(457,436)$ | 3,162,873 | 12.42 | 392,829 | $(64,607)$ |  | (1,414,502) | 11,250,108 | 9.39 | 0.939 |
| February 1, 2009 | (Case No. 2008-00564) | $(42.473)$ |  | $(255,483)$ | 15,899,387 | 1.66 | 263,930 | 8,446 |  | $(269,522)$ 85845 | $2,80,045$ $3,348,186$ | (2.56) | (0.256) |
| May 1, 2009 | (Case No. 2009-00140) | (27,968) | $142.782^{4}$ | (1,414,502) | 10,527,702 | 12.57 | 1,323,332 | $(91,170)$ |  | 85,845 |  |  | 0.058 |
| August 1, 2009 | (Case No. 2009-00248) | 34,233 |  | (269,522) | 2,606,156 | 9.39 | 244,718 | (24,804) |  | $(86,533)$ 208798 | 15,002,877 | (1.82) | (0.182) |
| November 1, 2009 | (Case No. 2009-00395) | (61,729) | 416,195 ${ }^{7}$ | $(269,522)$ 85,845 | 3,296,439 | (2.56) | (84,389) | 1,456 |  | 208.798 | $11,471,206$ 2789,591 | 5.62 | 0.562 |
| February 1, 2010 | (Case No. 2009-00457) | 207,342 |  | $(86,533)$ 208,798 (156,724) | 15,306,756 | 0.58 | 88,779 | 2,246 |  | $(156,724)$ 72719 | $2,789,591$ $3,277,139$ | (2.22) | (0.222) |
| May 1, 2010 | (Case No. 2010-00140) | (158,970) |  |  | 11,145,941 | (1.82) | (202,856) | 5,942 |  | 72.719 | 14,305,587 | 1.57 | 0.157 |
| August 1, 2010 | (Case No. 2010-00263) | (349,419) |  |  | 2,522,968 | 5.62 | 141,791 | $(14,933)$ |  | $(225,156)$ | 14,305,587 | 0.36 | 0.036 |
| November 1, 2010 | (Case No. 2010-00387) | $(210,223)$ |  | $72,719$ | 2,786,602 | (2.22) | (61,863) | 10,856 |  | $(43,142)$ | $12,001,853$ 2917,118 | 5.50 | 0.550 |
| February 1, 2011 | (Case No. 2010-00525) | (190 | $\begin{aligned} & (10,056)^{8} \\ & 85,7384^{4} \end{aligned}$ | $(225,156)$ | 16,886,997 | 1.57 | 265,126 | 39,970 |  | $(160,548)$ | $2,917,118$ 3,181360 | (3.86) | (0.386) |
| May 1, 2011 | (Case No. 2011-00119) | $(190,462)$ |  |  | 10,390,380 | 0.36 | 37,405 | (5,737) |  | 122,651 | 3,181,360 $14,890,364$ | 0.67 | 0.067 |
| August 1, 2011 | (Case No. 2011-00228) | 51 | $(2,582)^{8}$ | $(43,142)$ $(160,548)$ | 2,854,033 | 5.50 | 156,972 | $(3,576)$ |  | ( 100,078 ) | 14,890,364 | 0.34 | 0.034 |
| November 1, 2011 | (Case No. 2011-00402) | ( 93,920$)$ | $(3,698)^{8}$ | 122,651 | 3,320,420 | (3.86) | $(128,168)$ | $(5,517)$ |  | (37,654) | 11,202,749 |  | (1.593) |
| February 1, 2012 | (Case No. 2011-00523) | (28,439) |  |  | 12,475,084 | 0.67 | 83,583 | $(16,495)$ |  | 446,325 | 2,802,261 | 6.88 |  |
| May 1, 2012 | (Case No. 2012-00125) | 457,243 | $\begin{gathered} 5,577 \\ (151,620)^{4.8} \end{gathered}$ | $\begin{array}{ll} 8 & (100,078) \\ 4.8 & (37,654) \end{array}$ | 7,955,448 | 0.34 | 27.049 | $(10,605)$ |  | $(230,643)$ |  |  |  |
| August 1, 2012 | (Case No. 2012-00xxx) | (68,419) |  |  |  |  |  |  |  |  |  |  |  |

1 See Extibit C-1, page 2
2 Corresponds with actual applicable sales shown on Exhibit B-1, page 2 .
3 For The Three-Month Period From August 1, 2012 through October 31, 2012
4 Reconciliation of the PBRCC from previous tweive months.
4 Reconcilation of the PBRC
6 This amount represents an over-refund by LG\&E from Case No. 2007-00141 due to an input error as explaned in Exhibit B in Case No. 2007-00559. This adjustment corrects that esles as corrected in this fliing.
7 Of the total of $\$ 416,195, \$(42,762)$ represents the reconciliation of the PBRCC from previous twelve months, and $\$ 458,957$ represents the total
7 Of the total of $\$ 416,195, \$(42,762)$ represents the reconcilition the Tennessee Gas Pipeline Company Refund from the previous twelve months.

## LOUISVILLE GAS AND ELECTRIC COMPANY

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


Amount
Billed
Under
-1.73
cents per Mcf

$\begin{array}{llll}\text { (1) } & 341,977.84(1) & (546,714.57)(1) & (129,741.59)(1)\end{array}$ $272,028.32$ (1)
$196,056.12$ (1) $196,056.12$ (1)
128.979 .56 (1) 128.979.56 (1) $(434,887.38)(1)$
$(313.431 .82)(1)$ $(313.431 .82)(1)$
$(206,197.59)(1)$ $(206,197.59)(1)$
$(113,222.12)(1)$ $(113,222.12)(1)$
$(75,603.67)(1)$
$(56.23 .29)(1)$ $(56,603.67)(1)$
$(25,158.49)$ $(25,158.49)$ (2) $(103,203.73)(1)$ (74,380.94) (1) $(48,933.04)$
$(16,868.90)$
$(1)$ (26,868.90) (1) $(17,941.61)(1)$
$(13,345.98)(1)$ $(13,345.98)(1)$
$(13,333.05)(1)$ $(13,333.05)$
$(13,809.34)$
$(1)$ (18,699.57) (1) $(18,699.57)(1)$
$(17,57171)(2)$


| Amount |
| :---: |
| Billed |
| Under |
| -15.57 |
| cents per Mcf |

GCAA Case No.
$2010-00387$ May 1, 2011
$(\$ 411,623)$
Amount
Billed
Under
1.29 Under
1.29

| cents per Mcf |
| :---: |


| $(375,187.32)(3)$ |  |  |
| ---: | ---: | ---: |
| $(669,428.46)(1)$ |  |  |
| $(440,397.33)(1)$ |  |  |
| $(241,820.08)(1)$ | $9,035.05$ | $(3)$ |
| $(161,474.51)(1)$ | $13,378.43$ | $(1)$ |
| $(120,113.82)(1)$ | $9,951.63$ | $(1)$ |
| $(119,997.45)(1)$ | $9,941.98$ | $(1)$ |
| $(124,284.07)(1)$ | $10,297.14$ | $(1)$ |
| $(168,296.13)(1)$ | $13,943.61$ | $(1)$ |
| $(320,123.59)(1)$ | $26,522.76$ | $(1)$ |
| $(551,902.15)(1)$ | $45,726.00$ | $(1)$ |
| $(817,385.48)(1)$ | $67,721.73$ | $(1)$ |
| $(411,104.71)(2)$ | $64,298.40$ | $(1)$ |
|  | $45,467.74$ | $(1)$ |
|  | $18,555.92$ | $(1)$ |
|  | $8,363.92$ | $(2)$ |
|  | 343,204 |  |
| $(4,521,515)$ | 3 |  |
| 457,243 |  |  |
|  | $(68,419)$ |  |

## Total Amount Billed Unider GCAA <br> Remaning Amount of Over (Under) Recovery

42.651

| $(2,399,723)$ | $(578,717)$ |
| ---: | ---: |
| $(93,920)$ |  |

457,243
(1) GCAA Times Sales Shown in Column 1.
(2) GCAA Times Sales Shown in Column 2.
(2) GCAA Times Sales Shown in Column 3.

# LOUISVILLE GAS AND ELECTRIC COMPANY 

Gas Supply Clause: 2012-00XXX

Refund Factors (RF) continuing for twelve months from the effective data of each or until LG\&E has discharged its refund obligations thereunder.

The purpose of this adjustment is to pass through refunds received by Louisville Gas and Electric Company ("LG\&E") associated with Tennessee Gas Pipeline Company ("Tennessee").

The Federal Energy Regulatory Commission ("FERC") approved the settlement filed by Tennessee in Docket Nos. RP91-203 and RP92-132 regarding refunds related to amounts collected by Tennessee to cover certain of its PCB remediation costs. Such amounts have been over-collected by Tennessee and are now being refunded to its customers in installments through April 2012. The refunds approved became effective December 3, 2009, covering the period from November 1, 1996 (when LG\&E first began taking firm service from Tennessee under Rate Schedule FT-A) through June 30, 2000 (when the surcharge was reduced by Tennessee to zero with FERC approval).

As shown on Exhibit D-1, the expected refund obligation, including interest, from the refund received April 5, 2012, is $\$ 139,275.70$. The estimated interest on the refundable amount is calculated at a rate equal to the average of the " 3 -month Commercial Paper Rate" for the immediately preceding 12 months period, less $1 / 2$ of 1 percent to cover the cost of refunding. Estimated interest, calculated pursuant to Commission direction, is estimated to be zero for the current 12-month refund period.

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 August 1, 2012
(0.044) cents/Ccf

1st Previous Quarter Refund Factor:
Effective May 1, 2012
(0.044) cents/Ccf

2nd Previous Quarter Refund Factor:
Effective February 1, 2012 (0.041) cents/Ccf
3rd Previous Quarter Refund Factor:
Effective November 1, 2011
(0.044) cents/Ccf

# LOUISVILLE GAS AND ELECTRIC COMPANY 

Gas Supply Clause 2012-000XX
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 <br> Obligation <br> Including Interest |  | Expected Mcf Sales for the 12month Period | Refund Factor per Mcf (\$/Mcf) |  | $\begin{gathered} \text { Refund Factor } \\ \text { per Ccf } \\ \text { (cents/Ccf) } \\ \hline \end{gathered}$ |
|  |  |  |  |  | (4) $+(5)$ |  |  |  | (6) $/(7)$ |  |  |  |
| Nov-2011 | Oct-2012 | (Case No. 2011-00402) | \$ | 139,275.70 | \$ | - | \$ | 39,275.70 | 31,769,852 | \$ | 0.0044 | $0.044 \notin$ |
| Feb-2012 | Jan-2013 | (Case No. 2011-00523) | \$ | 139,275.70 | \$ | - | \$ | 39,275.70 | 34,000,081 | \$ | 0.0041 | $0.041 ¢$ |
| May-2012 | Apr-2013 | (Case No. 2012-00125) | \$ | 139,275.70 | \$ | - | \$ | 39,275.70 | 31,579,302 | \$ | 0.0044 | $0.044 \not \subset$ |
| Aug-2012 | Jul-2013 | (Case No. 2012-00xxx) | \$ | 139,275.70 | \$ | - | \$ | 39,275.70 | 31,558,041 | \$ | 0.0044 | 0.044 ¢ |

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, 2012, and will remain in effect until January 31, 2013, is $\$ 0.00351$ and $\$ 0.00715$ per 100 cubic feet for sales and standby transportation volumes, respectively:

## Sales Volumes Transportation Volumes

Commodity-Related Portion
Demand-Related Portion Total PBRRC
$\$ 0.00351 / \mathrm{Ccf}$

$\$ 0.00715 / \mathrm{Ccf}$$\quad$| $\$ 0.00000 / \mathrm{Ccf}$ |
| :--- |
| $\$ 0.01066 / \mathrm{Ccf}$ |$\quad$| $\$ 0.00715 / \mathrm{Ccf}$ |
| :--- |
| $\$ 0.00715 / \mathrm{Ccf}$ |

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 2012-000XX
Calculation of Performance Based Rate Recovery Component (PBRRC) Effective February 1, 2012

|  | CSPBR <br> Related to <br> Commodity | CSPBR <br> Related to <br> Demand |
| :--- | :---: | :---: |
| Shareholder Portion of PBR | $\$ 1,108,429$ | $\$ 2,267,841$ |
| Expected Mcf Sales for the <br> 12 month period beginning <br> February 1, 2012 | $31,617,677$ | $31,714,204$ |
| PBRRC factor per Mcf | $\$ 0.0351$ | $\$ 0.0715$ |
| PBRRC factor per Ccf | $\$ 0.00351$ | $\$ 0.00715$ |

# LOUISVILLE GAS AND ELECTRIC COMPANY 

Gas Supply Clause 2012-000XX<br>Shareholder Portion of PBR Savings PBR Year 15<br>Split between Demand (Fixed) and Commodity (Volumetric) Components As Determined in LG\&E's Fourth Quarterly PBR Filing

Commodity Demand $\xrightarrow{\text { Total }}$

Company Share of PBR Savings or (Expenses)
(CSPBR) $\$ 1,108,429 \quad \$ 2,267,841 \quad \$ 3,376,270$

## LOUISVILLE GAS AND ELECTRIC COMPANY

## GAS SERVICE RATES EFFECTIVE WITH SERVICE <br> RENDERED FROM

August 1, 2012 through October 31, 2012

|  |  |  | RATEPER 100 CUBIC FEET |
| :--- | :---: | :---: | :---: | :---: |
|  |  |  |  |

## EFFECTIVE RATES FOR RATE TS TRANSPORTATION SERVICE

# GAS SERVICE RATES EFFECTIVE WITH SERVICE <br> RENDERED FROM <br> August 1, 2012 through October 31, 2012 

RATE PER MCF

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

RATE TS

RATE CGS - COMMERCIAL
APRIL THRU OCTOBER FIRST 100 MCF/MONTH OVER 100 MCF/MONTH NOVEMBER THRU MARCH ALL MCF
$\$ 15300$

| $\$ 18722$ | $\$ 08781$ | 0.1370 | $\$ 2.8873$ |
| :--- | :--- | :--- | :--- |
| $\$ 1.3722$ | $\$ 0.8781$ | 0.1370 | $\$ 2.3873$ |
| $\$ 1.8722$ | $\$ 0.8781$ | 0.1370 | $\$ 2.8873$ |

RATE IGS - INDUSTRIAL
APRIL THRU OCTOBER FIRST $100 \mathrm{MCF} / \mathrm{MONTH}$ OVER $100 \mathrm{MCF} / \mathrm{MONTH}$
$\$ 15300$

NOVEMBER THRU MARCH ALL MCF
$\$ 1.4022$

| $\$ 0.8781$ | 0.0000 | $\$ 2.7803$ |
| :--- | :--- | :--- |
| $\$ 08781$ | 0.0000 | $\$ 2.2803$ |
| $\$ 08781$ | 0.0000 | $\$ 2.7803$ |

## L G \& E

## Charges for Gas Transportation Services Provided Under Rate FT

August 1, 2012 through October 31, 2012
Transportation Service:
Monthly Transportation Administrative Charge ..... $\$ 230.00$
Distribution Charge / Mcf Delivered ..... $\$ 0.4300$
Ancillary Services:
Daily Demand Charge ..... $\$ 0.1717$
Daily Storage Charge ..... $\$ 0.1833$
Utilization Charge per Mcf for Daily Balancing ..... $\$ 0.3550$

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

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\%

[^2]
[^0]:    ${ }^{1}$ The weekly gas storage survey issued by the Energy Information Administration ("ELA") for the week ending June 22, 2012, indicated that storage inventory levels were $27 \%$ higher than last year's levels. Storage inventories across the nation are $653 \mathrm{Bcf}(3,063 \mathrm{Bcf}-2,410 \mathrm{Bcf})$, or $27 \%$, higher this year than the same period one year ago. Last year at this time, 2,410 Bcf was held in storage, while this year 3,063 Bcf is held in storage. Storage inventories across the nation are $613 \mathrm{Bcf}(3,063 \mathrm{Bcf}-2,450 \mathrm{Bcf})$, or $25 \%$, higher this year than the five-year average. On average for the last five years at this time, 2,450 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]:    ${ }^{1}$ See Page 2 of this Exhibit.
    ${ }^{2}$ See Page 4 of this Exhibit.

[^2]:    * 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.

