

**LOUISVILLE GAS AND ELECTRIC COMPANY**

**Supporting Calculations For The**

**Gas Supply Clause**

**2023-00089**

**For the Period**

**May 1, 2023 through July 31, 2023**

# Louisville Gas and Electric Company

P.S.C. Gas No. 13, Ninth Revision of Original Sheet No. 5  
Canceling P.S.C. Gas No. 13, Eighth Revision of Original Sheet No. 5

Standard Rate

## RGS Residential Gas Service

### APPLICABLE

In all territory served.

### AVAILABILITY

Applicable to firm natural gas sales service to residential customers for all domestic purposes in private residences, single occupancy apartments, and common-use areas of multi-purpose occupancy buildings when supplied at a single point of delivery and where distribution mains are adjacent to the premises to be served. Such customers also include tenants billed for natural gas consumption or use by other tenants at the same premises that are metered separately.

The term "residential" customers shall include customers using gas in a single-family residential dwelling or unit for space-heating, air conditioning, cooking, water-heating, incineration, refrigeration, laundry drying, lighting, incidental heating, personal vehicle fueling, or other domestic purposes, including the use of gas in standby electric generation in domestic applications. If an additional separate point of delivery is requested by a residential customer to provide gas for use in standby electric generation, customer shall be served under Standard Rate DGGS. Company shall not be obligated to install an additional service to a residential customer for the purpose of the customer installing equipment for either electric standby generation or personal vehicle fueling.

All existing and future installations of equipment for the purpose of providing gas for use in standby electric generation or personal vehicle fueling shall be reported by the Customer (or the Customer's Representative) to the Company in conjunction with the "Notice to Company of Changes in Customer's Load" set out in the Customer Responsibilities section of the Company's Terms and Conditions. Additionally, service for gas for use in standby electric generation and personal vehicle fueling shall be subject to the availability of adequate capacity on Company's gas system to perform such service without detriment to its other Customers.

### RATE

Basic Service Charge per day: \$0.65 per delivery point

Plus a Charge per 100 cubic feet:

Distribution Charge \$ 0.51809

Gas Supply Cost Component \$ 0.39365

Total Gas Charge per 100 cubic feet: \$ 0.91174

R  
R

The "Gas Supply Cost Component" as shown above is the cost per 100 cubic feet determined in accordance with the Gas Supply Clause set forth on Sheet No. 85 of this Tariff. The Performance-Based Ratemaking Mechanism, set forth on Sheet No. 87, is included as a component of the Gas Supply Clause as shown on Sheet No. 85 of this Tariff.

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**DATE OF ISSUE:** March 31, 2023

**DATE EFFECTIVE:** Effective with Service Rendered  
On And After May 1, 2023

**ISSUED BY:** /s/ Robert M. Conroy, Vice President  
State Regulation and Rates  
Louisville, Kentucky

Issued by Authority of an Order of the  
Public Service Commission in Case No.  
2023-00089 dated XXXX

# Louisville Gas and Electric Company

P.S.C. Gas No. 13, Ninth Revision of Original Sheet No. 9  
Canceling P.S.C. Gas No. 13, Eighth Revision of Original Sheet No. 9

Standard Rate

VFD

Volunteer Fire Department Service

## APPLICABLE

In all territory served.

## AVAILABILITY

Available, in accordance with the provisions of KRS 278.172, to any volunteer fire department qualifying for aid under KRS 95A.262. Service under this rate schedule is at the option of the customer with the customer determining whether service will be provided under this schedule or any other schedule applicable to this load. If an additional separate point of delivery is requested by a volunteer fire department qualifying for aid under KRS 95A.262 to provide gas for use in standby electric generation, customer shall be served under Standard Rate DGGS.

All existing and future installations of equipment for the purpose of providing gas for use in standby electric generation or personal vehicle fueling shall be reported by the Customer (or the Customer's Representative) to the Company in conjunction with the "Notice to Company of Changes in Customer's Load" set out in the Customer Responsibilities section of the Company's Terms and Conditions. Additionally, service for gas for use in standby electric generation and personal vehicle fueling shall be subject to the availability of adequate capacity on Company's gas system to perform such service without detriment to its other Customers. Company shall not be obligated to install an additional service for the purpose of customer installing equipment for either electric standby generation or personal vehicle fueling.

## DEFINITION

To be eligible for this rate a volunteer fire department is defined as:

1. having at least 12 members and a chief,
2. having at least one fire fighting apparatus, and
3. half the members must be volunteers.

## RATE

Basic Service Charge per day: \$0.65 per delivery point

Plus a Charge per 100 cubic feet:

Distribution Charge \$ 0.51809

Gas Supply Cost Component \$ 0.39365

Total Gas Charge per 100 cubic feet: \$ 0.91174

R  
R

The "Gas Supply Cost Component" as shown above is the cost per 100 cubic feet determined in accordance with the Gas Supply Clause set forth on Sheet No. 85 of this Tariff. The Performance-Based Ratemaking Mechanism, set forth on Sheet No. 87, is included as a component of the Gas Supply Clause as shown on Sheet No. 85 of this Tariff.

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# Louisville Gas and Electric Company

P.S.C. Gas No. 13, Tenth Revision of Original Sheet No. 10.1  
Canceling P.S.C. Gas No. 13, Ninth Revision of Original Sheet No. 10.1

Standard Rate

**CGS**  
**Firm Commercial Gas Service**

## RATE

Basic Service Charge per day:

If all of the customer's meters  
have a capacity < 5,000 cf/hr:

\$ 2.30 per delivery point

If any of the customer's meters  
have a capacity ≥ 5,000 cf/hr:

\$ 11.00 per delivery point

Plus a Charge per 100 cubic feet:

Distribution Charge

\$ 0.38950

Gas Supply Cost Component

0.39365

Total Charge per 100 cubic feet:

\$ 0.78315

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### Off-Peak Pricing Provision:

The Distribution Charge applicable to monthly usage in excess of 100,000 cubic feet shall be reduced by \$0.05 per 100 cubic feet during the seven off-peak billing periods of April through October. The first 100,000 cubic feet per month during such period shall be billed at the rate set forth above.

## ADJUSTMENT CLAUSES

The bill amount computed at the charges specified above shall be increased or decreased in accordance with the following:

Weather Normalization Adjustment

Sheet No. 88

Demand-Side Management Cost Recovery Mechanism

Sheet No. 86

Gas Line Tracker

Sheet No. 84

Franchise Fee

Sheet No. 90

School Tax

Sheet No. 91

## MINIMUM CHARGE

The Basic Service Charge shall be the minimum charge.

## DUE DATE OF BILL

Customer's payment will be due within sixteen (16) business days (no less than twenty-two (22) calendar days) from the date of the bill.

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# Louisville Gas and Electric Company

P.S.C. Gas No. 13, Ninth Revision of Original Sheet No. 15.1  
Canceling P.S.C. Gas No. 13, Eighth Revision of Original Sheet No. 15.1

Standard Rate

## IGS Firm Industrial Gas Service

### RATE

Basic Service Charge per day:

If all of the customer's meters  
have a capacity < 5,000 cf/hr:

\$ 5.42 per delivery point

If any of the customer's meters  
have a capacity ≥ 5,000 cf/hr:

\$ 24.64 per delivery point

Plus a Charge per 100 cubic feet:

Distribution Charge

\$ 0.27023

Gas Supply Cost Component

\$ 0.39365

Total Charge per 100 cubic feet:

\$ 0.66388

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The "Gas Supply Cost Component" as shown above is the cost per 100 cubic feet determined in accordance with the Gas Supply Clause set forth on Sheet No. 85 of this Tariff. The Performance-Based Ratemaking Mechanism, set forth on Sheet No. 87, is included as a component of the Gas Supply Clause as shown on Sheet No. 85 of this Tariff.

### Off-Peak Pricing Provision:

The Distribution Charge applicable to monthly usage in excess of 100,000 cubic feet shall be reduced by \$0.05 per 100 cubic feet during the seven off-peak billing periods of April through October. The first 100,000 cubic feet per month during such period shall be billed at the rate set forth above.

### ADJUSTMENT CLAUSES

The bill amount computed at the charges specified above shall be increased or decreased in accordance with the following:

Demand-Side Management Cost Recovery Mechanism  
Gas Line Tracker  
Franchise Fee  
School Tax

Sheet No. 86  
Sheet No. 84  
Sheet No. 90  
Sheet No. 91

### MINIMUM CHARGE

The Basic Service Charge shall be the minimum charge.

### DUE DATE OF BILL

Customer's payment will be due within sixteen (16) business days (no less than twenty-two (22) calendar days) from the date of the bill.

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# Louisville Gas and Electric Company

P.S.C. Gas No. 13, Tenth Revision of Original Sheet No. 20.1  
Canceling P.S.C. Gas No. 13, Ninth Revision of Original Sheet No. 20.1

Standard Rate

**AAGS**  
**As-Available Gas Service**

## CONTRACT TERM (continued)

Any customer served under Rate CGS or Rate IGS shall provide notice to Company by April 30 of its request for service to be effective commencing on the following November 1.

## RATE

Basic Service Charge per month: \$630.00 per delivery point

Plus a Charge per Mcf:

Distribution Charge \$ 1.9228

Gas Supply Cost Component \$ 3.9365

Total Charge Per Mcf \$ 5.8593

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The "Gas Supply Cost Component" as shown above is the cost per Mcf determined in accordance with the Gas Supply Clause set forth on Sheet Nos. 85 of this Tariff. The Performance-Based Ratemaking Mechanism, set forth on Sheet Nos. 87, is included as a component of the Gas Supply Clause as shown on Sheet No. 85 of this Tariff.

## ADJUSTMENT CLAUSES

The bill amount computed at the charges specified above shall be increased or decreased in accordance with the following:

Demand-Side Management Cost Recovery Mechanism	Sheet No. 86
Gas Line Tracker	Sheet No. 84
Franchise Fee	Sheet No. 90
School Tax	Sheet No. 91

## PENALTY FOR FAILURE TO INTERRUPT

Company shall have the right to interrupt sales service under this rate schedule upon eighteen (18) hours' prior notice. Provision of oral notice by telephone to Customer shall be deemed proper notice of interruption of service under this rate schedule.

In addition to the charges set forth above, if the Customer fails to discontinue the consumption of natural gas at its facility at the conclusion of the eighteen- (18-) hour notice period, Company may charge the Customer the following penalty for each Mcf used during the period of interruption in addition to any other remedy available to Company, including, but not limited to, immediate termination of service under this rate schedule, irrespective of the provisions set forth on "Contract Term", and immediate transfer by Company to either Rate CGS or Rate IGS, as applicable

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# Louisville Gas and Electric Company

P.S.C. Gas No. 13, Eighth Revision of Original Sheet No. 21  
Canceling P.S.C. Gas No. 13, Seventh Revision of Original Sheet No. 21

Standard Rate

**SGSS**  
**Substitute Gas Sales Service**

## APPLICABLE

In all territory served.

## AVAILABILITY

Service under this rate schedule is required for any commercial or industrial customer that is physically connected to the facilities of any other provider of natural gas, bio-gas, native gas, methane, or other gaseous fuels, such other providers to include, but not be limited to, another natural gas local distribution company, public, private, or municipal; a producer, gatherer, or transmitter of natural gas; an interstate or intrastate natural gas pipeline; or any other entity (including the Customer itself acting in any one or more of these roles) that provides natural gas or natural gas service to residential, commercial, industrial, public authority, or any other type of customers which might otherwise receive natural gas from Company. In the event that such Customer desires to continue to receive natural gas service from Company and/or declines to allow Company to remove Company's facilities hitherto used to provide natural gas service to Customer, then Customer shall be obligated to take service under Rate SGSS.

Company shall not be obligated to make modifications or additions to its gas system to serve loads under this rate schedule.

Company may decline to serve customers using gas to generate electricity in standby or other applications under this rate schedule.

Customers shall be classified as commercial or industrial in accordance with the definitions set forth in either Rate CGS or Rate IGS, as applicable to customer's primary gas use.

## RATE

For commercial customers, the following charges shall apply:

Basic Service Charge per month: \$335.00 per delivery point

Plus a Demand Charge per Mcf of Monthly Billing Demand: \$7.17

Plus a Charge per Mcf:

Distribution Charge \$ 0.4106

Gas Supply Cost Component 3.9365

Total Charge per Mcf: \$ 4.3471

R  
R

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# Louisville Gas and Electric Company

P.S.C. Gas No. 13, Eighth Revision of Original Sheet No. 21.1  
Canceling P.S.C. Gas No. 13, Seventh Revision of Original Sheet No. 21.1

Standard Rate

**SGSS**  
**Substitute Gas Sales Service**

**RATE** (continued)

For industrial customers, the following charges shall apply:

Basic Service Charge per month: \$750.00 per delivery point

Plus a Demand Charge per Mcf of Monthly Billing Demand: \$10.89

Plus a Charge per Mcf:

Distribution Charge \$ 0.3100

Gas Supply Cost Component 3.9365

Total Charge per Mcf: \$ 4.2465

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The "Gas Supply Cost Component" as shown above is the cost per Mcf determined in accordance with the Gas Supply Clause set forth on Sheet Nos. 85 of this Tariff. The Performance-Based Ratemaking Mechanism, set forth on Sheet Nos. 87, is included as a component of the Gas Supply Clause as shown on Sheet No. 85 of this Tariff.

**MAXIMUM DAILY QUANTITY**

Company shall provide firm natural gas sales service to Customer at a single Point of Delivery up to the Maximum Daily Quantity ("MDQ"). The MDQ for any Customer taking service under this rate schedule when it first becomes effective will be 70% of the highest daily volume projected by Company for the Customer in the forecasted test year used by Company in Case No. 2016-00371. For all other Customers taking service under this rate schedule, Customer and Company may mutually agree to establish the level of the MDQ; provided, however, that in the event that Customer and Company cannot agree upon the MDQ, then the level of the MDQ shall be equal to 70% of the highest daily volume used by Customer during the twelve (12) months prior to the date that Customer began receiving natural gas from another supplier with which Customer is physically connected; in the event that such daily gas usage is not available, then the MDQ shall be equal to the Customer's average daily use for the highest month's gas use in the twelve (12) months prior to the date that Customer began receiving natural gas from another supplier with which Customer is physically connected; in no case shall the MDQ be greater than 5,000 Mcf/day.

Service by Company to Customer in excess of the MDQ shall be provided by Company on an interruptible basis. The maximum hourly volume that Company shall be obligated to deliver to Customer shall not exceed 1/16<sup>th</sup> of the MDQ.

**MONTHLY BILLING DEMAND**

The Monthly Billing Demand shall be the greater of (1) the MDQ, (2) the highest daily volume of gas delivered during the current month, or (3) the highest daily volume of gas delivered during the previous eleven (11) monthly billing periods. The term "day" or "daily" shall mean the period of time corresponding to the gas day as observed by the Pipeline Transporter as adjusted for local time.

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# Louisville Gas and Electric Company

P.S.C. Gas No. 13, Eighth Revision of Original Sheet No. 30.2  
Canceling P.S.C. Gas No. 13, Seventh Revision of Original Sheet No. 30.2

Standard Rate

FT

Firm Transportation Service (Transportation Only)

## RATE (continued)

Where the Monthly Billing Demand is the greater of:

- a. the maximum volume of gas measured on any day during the current billing period,
- b. the highest volume of gas measured on any day in the preceding eleven (11) billing periods,
- c. 50% of the Customer's MDQ.

However, in no case will the Monthly Billing Demand be less than 50 Mcf/day.

**Gas Cost True-Up Charge:** The Gas Cost True-Up Charge is applicable only to a former sales Customer that has elected transportation service hereunder. Such Customer shall pay this charge for the first eighteen billing periods that Customer is served under Rate FT. The charge (or credit) per Mcf shall be applied to all volumes delivered by Company pursuant to Rate FT in order to recover from (or refund to) transferring sales customers any under- or over-collected gas costs as reflected in the GCAA, GCBA, and PBRRC components of the Gas Supply Clause ("GSC") applicable to gas sold during those periods when the transferring customer was a sales customer. The Gas Cost True-Up Charge amount shall be revised with each of Company's quarterly Gas Supply Clause filings.

For customers electing service under Rate FT effective November 1, 2021,  
the Gas Cost True-Up Charge shall be:

\$0.0000 per Mcf for Bills Rendered On and After May 1, 2023

R/T

For customers electing service under Rate FT effective November 1, 2022,  
the Gas Cost True-Up Charge shall be:

\$0.9176 per Mcf for Bills Rendered On and After May 1, 2023

R/T

**Minimum Daily Threshold Requirement and Charge:** When Customer's daily usage falls below the Minimum Daily Threshold Requirement, Customer will be charged a Minimum Daily Threshold Charge equal to the difference between the Minimum Daily Threshold Requirement and the Customer's actual consumption in Mcf for that day multiplied by the Distribution Charge hereunder. The Minimum Daily Threshold Requirement is equal to the minimum daily volume of 50 Mcf. Such Minimum Daily Threshold Charge shall be accumulated for each day of the applicable month and billed during that month in accordance with the following formula:

Minimum Daily Threshold Charge =

(Minimum Daily Threshold minus Customer Usage on Given Day) times the Distribution Charge

Such daily amount shall be accumulated for each day of the month and the total will be applied to Customer's bill.

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# Louisville Gas and Electric Company

P.S.C. Gas No. 13, Fourth Revision of Original Sheet No. 30.6  
Canceling P.S.C. Gas No. 13, Third Revision of Original Sheet No. 30.6

Standard Rate

FT

## Firm Transportation Service (Transportation Only)

### UTILIZATION CHARGE FOR DAILY IMBALANCES (continued)

Daily Demand Charge:	\$0.1789 per Mcf	
Daily Storage Charge:	<u>\$0.3797</u>	
Utilization Charge for Daily Imbalances:	\$0.5586 per Mcf	

Note: The Daily Demand Charge may change with each filing of the GSCC.

These charges are in addition to any other charges set forth herein. The Utilization Charge for Daily Imbalances will not be applied to daily imbalances which do not exceed  $\pm 5\%$  of the delivered volume unless an OFO has been issued. If an OFO has been issued, the Utilization Charge for Daily Imbalances shall apply to daily imbalances which exceed 0% for customers in violation of the OFO directive, either "condition (1)" or "condition (2)" as applicable and further described below under "Operational Flow Orders." Customers not in violation of the OFO directive, either "condition (1)" or "condition (2)" as applicable, will continue to be assessed the Utilization Charge for Daily Imbalances on volumes which exceed the 5% daily tolerance. Company shall not have an obligation to provide balancing service for any volumes of gas hereunder.

### OPERATIONAL FLOW ORDERS

Company shall have the right to issue an Operational Flow Order ("OFO") which will require actions by Customer to alleviate conditions that, in the sole judgment of Company, jeopardize the operational integrity of Company's system. Customer shall be responsible for complying with the directives contained in the OFO.

Notice of an OFO shall be provided to Customer at least twenty-four (24) hours prior to the beginning of the gas day for which the OFO is in effect and shall include information related to the OFO. Customer shall respond to an OFO by adjusting its deliveries to Company's system as directed in the OFO within the specified timeframe. If Customer is a member of an FT Pool, it is the responsibility of the FT Pool Manager, not Company, to convey OFOs to Customers in its FT Pool.

Upon issuance of an OFO, Company will direct Customer to comply with one of the following conditions: (1) Customer must take delivery of an amount of natural gas from Company that is no more than the daily amount being delivered by the Pipeline Transporter to Company for Customer; or (2) Customer must take delivery of an amount of natural gas from Company that

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# Louisville Gas and Electric Company

P.S.C. Gas No. 13, Ninth Revision of Original Sheet No. 35.1  
Canceling P.S.C. Gas No. 13, Eighth Revision of Original Sheet No. 35.1

Standard Rate

DGGS

Distributed Generation Gas Service

## RATE

In addition to any other charges set forth herein, the following charges shall apply:

Basic Service Charge per month:

If all of the customer's meters  
have a capacity < 5,000 cf/hr:

\$165.00 per delivery point

If any of the customer's meters  
have a capacity ≥ 5,000 cf/hr:

\$750.00 per delivery point

Plus a Demand Charge per 100 cubic feet of Monthly Billing Demand: \$1.08900

Plus a Charge per 100 cubic feet:

Distribution Charge

\$0.03100

Gas Supply Cost Component

0.39365

Total Charge per 100 cubic feet:

\$0.42465

R  
R

The "Gas Supply Cost Component" as shown above is the cost per 100 cubic feet determined in accordance with the Gas Supply Clause set forth on Sheet No. 85 of this Tariff. The Performance-Based Ratemaking Mechanism, set forth on Sheet No. 87, is included as a component of the Gas Supply Clause as shown on Sheet No. 85 of this Tariff.

The total monthly minimum bill shall be the sum of the minimum Demand Charge and the Basic Service Charge.

In no case shall Company be obligated to deliver greater volumes hereunder than those specified in the written contract between Customer and Company. Payment of any and all charges hereunder shall not be considered an exclusive remedy for takes in excess of the maximum daily quantity ("MDQ"), nor shall the payment of such charges be considered a substitute for any other remedy (including, but not limited to, physical discontinuance or suspension of service hereunder) available to Company.

## ADJUSTMENT CLAUSES

The bill amount computed at the charges specified above shall be increased or decreased in accordance with the following:

Gas Line Tracker  
Franchise Fee  
School Tax

Sheet No. 84  
Sheet No. 90  
Sheet No. 91

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# Louisville Gas and Electric Company

P.S.C. Gas No. 13, Fourth Revision of Original Sheet No. 36.8  
Canceling P.S.C. Gas No. 13, Third Revision of Original Sheet No. 36.8

Standard Rate

LGDS  
Local Gas Delivery Service

## VARIATION IN MMBTU CONTENT

The reconciliation of the actual deliveries to the Delivery Point and Company's receipt of gas from Customer at the Receipt Point, including any variation in MMBtu content, occurs through the operation of the cash-out provision. If not reflected on the current month's bill, changes in billings of the cash-out provision caused by variations in the MMBtu content of the gas shall be corrected on the following month's bill using the applicable cash-out price from the month in which the gas was received by Company from Customer at the Receipt Point.

## UTILIZATION CHARGE FOR DAILY IMBALANCES

Should an imbalance as calculated herein exceed +/- 5% of the Gross Nominated Volume on any day when an LGFO (as described below) has not been issued, then Company shall charge the Utilization Charge for Daily Imbalances times the imbalance in Mcf greater than +/- 5% of Gross Nominated Volume for each daily occurrence.

The Utilization Charge for Daily Imbalances is the sum of the following:

Daily Demand Charge:	\$0.1789 per Mcf	I
Daily Storage Charge:	<u>\$0.3797</u>	
Utilization Charge for Daily Imbalances:	\$0.5586 per Mcf	I

Note: The Daily Demand Charge may change with each filing of the GSCC.

These charges are in addition to any other charges set forth herein. The Utilization Charge for Daily Imbalances will not be applied to daily imbalances which do not exceed the +/- 5% unless an LGFO has been issued. If an LGFO has been issued, the Utilization Charge for Daily Imbalances shall apply to daily imbalances which exceed 0% for customers in violation of the LGFO directive, either "condition (a)" or "condition (b)" as applicable and further described above under "Local Gas Flow Orders". Customers not in violation of the LGFO directive, either "condition (a)" or "condition (b)" as applicable, will continue to be assessed the Utilization Charge for Daily Imbalances on volumes which exceed the 5% daily tolerance. Company shall not have an obligation to provide balancing service for any volumes of gas hereunder.

## MEASUREMENT OF GAS

Volumes of gas transported hereunder will be determined in accordance with Company's measurement base as set forth in the Company's Terms and Conditions. All gas delivered by Customer to Company pursuant to this rate schedule shall be measured by Company using such gas meters, chromatograph, and other instrumentation as Company deems appropriate.

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# Louisville Gas and Electric Company

P.S.C. Gas No. 13, Ninth Revision of Original Sheet No. 51.1  
Canceling P.S.C. Gas No. 13, Eighth Revision of Original Sheet No. 51.1

Standard Rate Rider

TS-2

## Gas Transportation Service/Firm Balancing Service

### CHARACTER OF SERVICE

Transportation service under this rider shall be considered firm from the Receipt Point at Company's interconnection with its Pipeline Transporter ("Receipt Point") to the Delivery Point at the Customer's place of utilization ("Delivery Point"), subject to paragraph 7 of the Special Terms and Conditions.

Due to the physical configuration of Company's system, and in order to maintain system integrity and reliability, unless otherwise permitted or directed by Company in its sole discretion, the Pipeline Transporter shall be Texas Gas Transmission, LLC.

Company will provide service to meet imbalances on a firm basis. For purposes used herein, "Imbalances" are defined as the difference between the volume of gas delivered by the Customer to the Receipt Point and the volume of gas taken by Customer at the Delivery Point.

Customers served under this rider must designate a third-party TS-2 Pool Manager and become a member of a TS-2 Pool pursuant to Rider PS-TS-2.

Company shall issue an Action Alert as set forth in Rider PS-TS-2 when, in Company's sole discretion, such Action Alert is required to manage loads served under Rider TS-2. It is the responsibility of the TS-2 Pool Manager, not Company, to convey Action Alerts to Customers in the TS-2 Pool.

Any imbalances (over- or under-deliveries) incurred by TS-2 Pool Manager on behalf of Customer shall be resolved through the application of the cash-out mechanism incorporated in Rider PS-TS-2.

### RATE

In addition to any and all charges billed directly to Company by other parties related to the transportation of customer-owned gas, or any and all charges billed by Company under the applicable sales rate to which this service is a rider, including, the basic service charge, any demand charges, any adjustment clauses, or the like, the following charges shall apply:

Administrative Charge per month: \$550.00 per Delivery Point

	CGS	IGS	AAGS	DGGS
Distribution Charge Per Mcf	\$3.8950	\$2.7023	\$1.9228	\$0.3100
Pipeline Supplier's Demand Component	0.9782	0.9782	0.9782	0.9782
Total	\$4.8732	\$3.6805	\$2.9010	\$1.2882

R/R/R/R  
R/R/R/R

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**DATE EFFECTIVE:** Effective with Service Rendered  
On And After May 1, 2023

**ISSUED BY:** /s/ Robert M. Conroy, Vice President  
State Regulation and Rates  
Louisville, Kentucky

Issued by Authority of an Order of the  
Public Service Commission in Case No.  
2023-00089 dated XXXX

# Louisville Gas and Electric Company

P.S.C. Gas No. 13, Eighth Revision of Original Sheet No. 51.2  
Canceling P.S.C. Gas No. 13, Seventh Revision of Original Sheet No. 51.2

Standard Rate Rider

TS-2

## Gas Transportation Service/Firm Balancing Service

### RATE (continued)

The "**Distribution Charge**" applicable to Rate CGS and IGS monthly quantities in excess of 100 Mcf shall be reduced by \$0.50 per Mcf during the seven off-peak billing periods of April through October. The first 100 Mcf per month during such period shall be billed at the rate set forth above.

**Pipeline Supplier's Demand Component:** Average demand cost per Mcf of all gas, including transported gas, delivered to Company by its pipeline supplier as determined from Company's Gas Supply Clause.

**Gas Cost True-Up Charge:** The Gas Cost True-Up Charge is applicable only to a former sales Customer that has elected transportation service hereunder and not previously served under Rate FT. Such Customer shall pay this charge for the first eighteen billing periods that Customer is served under Rider TS-2. The charge (or credit) per Mcf shall be applied to all volumes delivered by Company pursuant to Rider TS-2 in order to recover from (or refund to) transferring sales customers any under- or over-collected gas costs as reflected in the GCAA, GCBA, and PBRRC components of the Gas Supply Clause ("GSC") applicable to gas sold during those periods when the transferring customer was a sales customer. The Gas Cost True-Up Charge amount shall be revised with each of Company's quarterly Gas Supply Clause filings.

For customers electing service under Rider TS-2 effective November 1, 2021,  
the Gas Cost True-Up Charge shall be:

\$0.0000 per Mcf for Bills Rendered On and After May 1, 2023

R/T

For customers electing service under Rider TS-2 effective November 1, 2022,  
the Gas Cost True-Up Charge shall be:

\$0.9176 per Mcf for Bills Rendered On and After May 1, 2023

R/T

**Minimum Annual Threshold Requirement and Charge:** When Customer's annual usage falls below the Minimum Annual Threshold Requirement, Customer will be charged a Minimum Annual Threshold Charge equal to the difference between the Minimum Annual Threshold Requirement of 15,000 Mcf and the Customer's actual consumption in Mcf during each Contract Year which difference shall be multiplied by the peak period Distribution Charge of the applicable sales rate schedule. Such Minimum Annual Threshold Charge shall be billed during the month following the close of the Contract Year in accordance with the following formula

Minimum Annual Threshold Charge =

(Minimum Annual Threshold minus Customer's Annual Usage) times the Peak Period  
Distribution Charge

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**DATE OF ISSUE:** March 31, 2023

**DATE EFFECTIVE:** Effective with Service Rendered  
On And After May 1, 2023

**ISSUED BY:** /s/ Robert M. Conroy, Vice President  
State Regulation and Rates  
Louisville, Kentucky

Issued by Authority of an Order of the  
Public Service Commission in Case No.  
2023-00089 dated XXXX

# Louisville Gas and Electric Company

P.S.C. Gas No. 13, Eighth Revision of Original Sheet No. 85  
Canceling P.S.C. Gas No. 13, Seventh Revision of Original Sheet No. 85

Adjustment Clause

GSC  
Gas Supply Clause

## APPLICABLE TO

All gas sold.

## GAS SUPPLY COST COMPONENT (GSCC)

Gas Supply Cost	\$0.37792	R
Gas Cost Actual Adjustment (GCAA)	-0.00991	R
Gas Cost Balance Adjustment (GCBA)	0.00942	R
Refund Factors (RF) continuing for twelve months from the effective date of each or until Company has discharged its refund obligation thereunder:		
None		
Performance-Based Rate Recovery Component (PBRRC)	<u>0.01622</u>	
Total Gas Supply Cost Component Per 100 Cubic Feet (GSCC)	\$0.39365	R

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**DATE OF ISSUE:** March 31, 2023

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Louisville, Kentucky

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2023-00089 dated XXXX

**LOUISVILLE GAS AND ELECTRIC COMPANY**

**Derivation of Gas Supply Component Applicable to  
Service Rendered On and After May 1, 2023**

**2023-00089**

<b>Gas Supply Cost - See Exhibit A for Detail</b>					
Line No.	Description	Unit	Amount	\$/Mcf	\$/Ccf
1	Total Expected Gas Supply Cost	\$	10,404,029		
2	Total Expected Customer Deliveries: May 1, 2023 through July 31, 2023	Mcf	2,752,937		
3	Gas Supply Cost			3.7792	0.37792

<b>Gas Cost Actual Adjustment (GCAA) - See Exhibit B for Detail</b>					
	Description	Case No.		\$/Mcf	\$/Ccf
4	Current Quarter Actual Adjustment	Eff. May 1, 2023	2022-00310	(0.7603)	(0.07603)
5	Previous Quarter Actual Adjustment	Eff. February 1, 2023	2022-00180	(0.0621)	(0.00621)
6	2nd Previous Qrt. Actual Adjustment	Eff. November 1, 2022	2022-00083	0.3619	0.03619
7	3rd Previous Qrt. Actual Adjustment	Eff. August 1, 2022	2021-00458	0.3614	0.03614
8	Total Gas Cost Actual Adjustment (GCAA)			(0.0991)	(0.00991)

<b>Gas Cost Balance Adjustment (GCBA) - See Exhibit C for Detail</b>				\$/Mcf	\$/Ccf
	Description				
9	Gas Cost Balance Adjustment (GCBA)			0.0942	0.00942

<b>Refund Factors (RF) - See Exhibit D for Detail</b>					
	Description			\$/Mcf	\$/Ccf
10	Current Quarter Refund Factor	Eff. May 1, 2023		0.0000	0.00000
11	1st Previous Quarter Refund Factor	Eff. February 1, 2023		0.0000	0.00000
12	2nd Previous Quarter Refund Factor	Eff. November 1, 2022		0.0000	0.00000
13	3rd Previous Quarter Refund Factor	Eff. August 1, 2022		0.0000	0.00000
14	Total Refund Factors Per 100 Cubic Feet			0.0000	0.00000

<b>Performance-Based Rate Recovery Component (PBRRC) - See Exhibit E for Detail</b>				\$/Mcf	\$/Ccf
	Description				
15	Performance-Based Rate Recovery Component (PBRRC)			0.1622	0.01622

<b>Gas Supply Cost Component (GSCC) Effective May 1, 2023</b>					
	Description			\$/Mcf	\$/Ccf
16	Gas Supply Cost			3.7792	0.37792
17	Gas Cost Actual Adjustment (GCAA)			(0.0991)	(0.00991)
18	Gas Cost Balance Adjustment (GCBA)			0.0942	0.00942
19	Refund Factors (RF)			0.0000	0.00000
20	Performance-Based Rate Recovery Component (PBRRC)			0.1622	0.01622
21	<b>Total Gas Supply Cost Component (GSCC)</b>			<b>3.9365</b>	<b>0.39365</b>



LOUISVILLE GAS AND ELECTRIC COMPANY  
Calculation of Gas Supply Costs  
For the Three-Month Period From May 1, 2023 thru July 31, 2023

Line No.	MMBtu	May-2023	Jun-2023	Jul-2023	Total
1	Expected Gas Supply Transported Under Texas' No-Notice Service (South-to-North)	956,400	815,249	1,292,428	3,064,077
2	Expected Gas Supply Transported Under Texas' Rate FT (North-to-South)	722,600	1,789,400	1,849,000	4,361,000
3	Expected Gas Supply Transported Under Texas' Rate STF (South-to-North)	0	0	0	0
4	Expected Gas Supply Transported Under Tenn.'s Rate FT-A (Zone 0-2)	0	0	0	0
5	Total MMBtu Purchased	1,679,000	2,604,649	3,141,428	7,425,077
6	Plus: Withdrawals from Texas Gas' NNS Storage Service	0	0	0	0
7	Less: Injections into Texas Gas' NNS Storage Service	701,700	193,300	5,400	900,400
8	Expected Monthly Deliveries from TGT/TGPL to LG&E (excluding transportation volumes under LG&E Rider TS-2)	977,300	2,411,349	3,136,028	6,524,677
<b>Mcf</b>					
9	Total Purchases in Mcf	1,576,526	2,445,680	2,949,698	
10	Plus: Withdrawals from Texas Gas' NNS Storage Service	0	0	0	
11	Less: Injections Texas Gas' NNS Storage Service	658,873	181,502	5,070	
12	Expected Monthly Deliveries from TGT/TGPL to LG&E (excluding transportation volumes under LG&E Rider TS-2)	917,653	2,264,178	2,944,628	
13	Plus: Customer Transportation Volumes under Rider TS-2	64,367	59,256	54,515	
14	Total Expected Monthly Deliveries from TGT/TGPL to LG&E (Line 12 + Line 13)	982,020	2,323,434	2,999,143	
15	Less: Purchases for Depts. Other Than Gas Dept.	362	282	149	
16	Less: Purchases Injected into LG&E's Underground Storage	0	1,462,720	2,165,482	
17	Mcf Purchases Expensed during Month (Line 12 - Line 15 - Line 16)	917,291	801,176	778,997	2,497,464
18	LG&E's Storage Inventory - Beginning of Month	2,111,232	1,817,482	3,270,632	
19	Plus: Storage Injections into LG&E's Underground Storage (Line 16)	0	1,462,720	2,165,482	
20	LG&E's Storage Inventory - Including Injections	2,111,232	3,280,202	5,436,114	
21	Less: Storage Withdrawals from LG&E's Underground Storage	283,869	0	0	283,869
22	Less: Storage Losses	9,881	9,570	9,482	28,933
23	LG&E's Storage Inventory - End of Month	1,817,482	3,270,632	5,426,632	
24	Mcf of Gas Supply Expensed during Month (Line 17 + Line 21 + Line 22)	1,211,041	810,746	788,479	2,810,266
<b>Cost</b>					
25	Total Demand Cost - Including Transportation (Line 14 x Line 46)	\$936,552	\$2,215,859	\$2,860,283	
26	Less: Demand Cost Recovered thru Rate TS-2 (Line 13 x Line 46)	61,387	56,512	51,991	
27	Demand Cost - Net of Demand Costs Recovered thru LG&E Rider TS-2	\$875,165	\$2,159,347	\$2,808,292	
28	Commodity Costs - Gas Supply Under NNS (South-to-North) (Line 1 x Line 47)	1,928,102	1,837,001	3,220,343	
29	Commodity Costs - Gas Supply Under Rate FT (North-to-South) (Line 2 x Line 48)	1,404,084	3,897,492	4,463,486	
30	Commodity Costs - Gas Supply Under Rate STF (South-to-North) (Line 3 x Line 49)	0	0	0	
31	Commodity Costs - Gas Supply Under Rate FT-A (Zone 0-2) (Line 4 x Line 50)	0	0	0	
32	Total Purchased Gas Cost	\$4,207,351	\$7,893,840	\$10,492,121	\$22,593,312
33	Plus: Withdrawals from NNS Storage (Line 6 x Line 47)	0	0	0	0
34	Less: Purchases Injected into NNS Storage (Line 7 x Line 47)	1,414,627	435,563	13,455	1,863,645
35	Total Cost of Gas Delivered to LG&E	\$2,792,724	\$7,458,277	\$10,478,666	\$20,729,667
36	Less: Purchases for Depts. Other Than Gas Dept. (Line 15 x Line 51)	1,102	929	530	2,561
37	Less: Purchases Injected into LG&E's Storage (Line 16 x Line 51)	0	4,818,200	7,706,084	12,524,284
38	Pipeline Deliveries Expensed During Month	\$2,791,622	\$2,639,148	\$2,772,052	\$8,202,822
39	LG&E's Storage Inventory - Beginning of Month	\$15,126,766	\$13,022,077	\$17,788,228	
40	Plus: LG&E Storage Injections (Line 37 above)	0	4,818,200	7,706,084	
41	LG&E's Storage Inventory - Including Injections	\$15,126,766	\$17,840,277	\$25,494,312	
42	Less: LG&E Storage Withdrawals (Line 21 x Line 52)	2,033,893	0	0	\$2,033,893
43	Less: LG&E Storage Losses (Line 22 x Line 52)	70,796	52,049	44,469	167,314
44	LG&E's Storage Inventory - End of Month	\$13,022,077	\$17,788,228	\$25,449,843	
45	Gas Supply Expenses (Line 38 + Line 42 + Line 43)	<b>\$4,896,311</b>	<b>\$2,691,197</b>	<b>\$2,816,521</b>	<b>\$10,404,029</b>
<b>Unit Cost</b>					
46	12-Month Average Demand Cost - per Mcf (see Page 2)	\$0.9537	\$0.9537	\$0.9537	
47	Commodity Cost (per MMBtu) under Texas Gas's No-Notice Service (South-to-North)	\$2.0160	\$2.2533	\$2.4917	
48	Commodity Cost (per MMBtu) under Texas Gas's Rate FT (North-to-South)	\$1.9431	\$2.1781	\$2.4140	
49	Commodity Cost (per MMBtu) under Texas Gas's Rate STF (South-to-North)	\$2.0029	\$2.2399	\$2.4779	
50	Commodity Cost (per MMBtu) under Tenn. Gas's Rate FT-A (Zone 0-2)	\$2.0510	\$2.2901	\$2.5302	
51	Average Cost of Deliveries (Line 35 / Line 12)	\$3.0433	\$3.2940	\$3.5586	
52	Average Cost of Inventory - Including Injections (Line 41 / Line 20)	\$7.1649	\$5.4388	\$4.6898	
<b>Gas Supply Cost</b>					
53	Total Expected Mcf Deliveries (Sales) to Customers May 1, 2023 through July 31, 2023				2,752,937 Mcf
54	Current Gas Supply Cost (Line 45 / Line 53)				<u>\$3.7792</u> / Mcf

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)	\$12.7642	119,913	12	\$18,367,122
2	Texas Gas Firm Transportation (Rate FT)	\$4.1907	60,000	12	3,017,304
3	Texas Gas Firm Transportation (Rate STF)	\$12.9261	12,500	12	1,938,915
4	Tenn. Gas Firm Transportation (Rate FT-A)	\$5.0645	20,000	12	1,215,480
5	<u>Long-Term Firm Contracts with Suppliers (Annualized)</u>				7,591,897
6		<b>Total Annual Demand Costs</b>			<b>\$32,130,718</b>

Average Demand Cost per Mcf

7	Total Annual Demand Costs (Line 5)	\$32,130,718
8	<u>Expected Annual Deliveries from Pipeline Transporters in Mcf (including Rider TS-2)</u>	33,689,173
9	<b>Average Demand Cost per Mcf (Line 7 / Line 8)</b>	<b>\$0.9537</b>

Pipeline Supplier's Demand Component Applicable to Billings  
Under LG&E's Gas Transportation Service/Standby - Rider TS-2

10	Average Demand Cost (Line 8)	\$0.9537
11	Refund Factor for Demand Portion of Texas Gas Refund (see Exhibit D-1)	0.0000
12	<u>Performance Based Rate Recovery Demand Component (see Exhibit E-1)</u>	0.0245
13	<b>PSDC Charge per Mcf</b>	<b>\$0.9782</b>

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

14	Total Annual Demand Costs (Line 5)	\$32,130,718
15	<u>Design Day Requirements in Mcf (determined in last rate case)</u>	491,963
16	<b>UCDI Charge (Line 14 / Line 15 / 365 days)</b>	<b>\$0.1789</b>

**LOUISVILLE GAS AND ELECTRIC COMPANY**

**Gas Supply Clause: 2023-00089**

**Gas Supply Cost Effective May 1, 2023**

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

**Texas Gas Transmission, LLC**

Rate Schedule NNS (No-Notice Service: South-to-North)

On June 24, 2015, TGT submitted tariff sheets to the FERC in Docket No. RP15-1077 to reflect the expiration via abandonment of the operating lease with Gulf South Pipeline Company which required the removal of references to the incremental recourse rate applicable to the Gulf South lease. The associated revised tariff sheets were dated to be effective April 1, 2015. TGT did not otherwise modify its existing rates or otherwise affect the rights or duties of customers.

Effective October 1, 2022, the FERC ACA Unit Charge is \$0.0015/MMBtu.

Attached hereto as Exhibit A-1(a), Page 1, is the tariff sheet for No-Notice Service under Rate NNS which will be applicable on and after May 1, 2023. The tariffed rates are as follows: (a) a daily demand charge of \$0.4190/MMBtu, and (b) a commodity charge of \$0.0629/MMBtu irrespective of the zone of receipt.

The rates applicable to all three contracts for service under Rate Schedule NNS are a monthly demand charge of \$12.7642/MMBtu and a volumetric throughput charge (“commodity charge”) of \$0.0629/MMBtu irrespective of the zone of receipt.

Rate Schedule FT (Firm Transportation: Annual: North-to-South)

On June 24, 2015, TGT submitted tariff sheets to the FERC in Docket No. RP15-1077 to reflect the expiration via abandonment of the operating lease with Gulf South Pipeline Company which required the removal of references to the incremental recourse rate applicable to the Gulf South lease. The associated revised tariff sheets were dated to be effective April 1, 2015. TGT did not otherwise modify its existing rates or otherwise affect the rights or duties of customers.

Effective October 1, 2022, the FERC ACA Unit Charge is \$0.0015/MMBtu.

Attached hereto as Exhibit A-1(a), Pages 2 and 3, are the tariff sheets for transportation service under Rate FT which will be applicable on and after May 1, 2023, 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 \$0.1374/MMBtu, and (b) a commodity charge applicable to transportation from Zone 4 to Zone 4 of \$0.0375/MMBtu.

The rates applicable to service under the negotiated rate agreement are the same as the tariffed rates and result in a monthly demand charge of \$4.1907/MMBtu and a volumetric throughput charge (“commodity charge”) of \$0.0375/MMBtu applicable to transportation from Zone 4 to Zone 4.

#### Rate Schedule STF (Short-Term Firm: South-to-North)

On June 24, 2015, TGT submitted tariff sheets to the FERC in Docket No. RP15-1077 to reflect the expiration via abandonment of the operating lease with Gulf South Pipeline Company which required the removal of references to the incremental recourse rate applicable to the Gulf South lease. The associated revised tariff sheets were dated to be effective April 1, 2015. TGT did not otherwise modify its existing rates or otherwise affect the rights or duties of customers.

Effective October 1, 2022, the FERC ACA Unit Charge is \$0.0015/MMBtu.

Attached hereto as Exhibit A-1(a), Page 4, is the tariff sheet for transportation service under Rate STF which will be applicable on and after May 1, 2023. The tariffed rates are as follows: (a) a winter season daily demand charge of \$0.4252/MMBtu, and (b) a commodity charge of \$0.0523/MMBtu irrespective of the zone of receipt.

The rates applicable to service under this agreement result in a monthly demand charge of \$12.9261/MMBtu and a volumetric throughput charge (“commodity charge”) of \$0.0523/MMBtu applicable to transportation from Zone 1 to Zone 4.

### **Tennessee Gas Pipeline Company, LLC**

#### Firm Transportation Service (FT-A: South-to-North)

On September 9, 2022, TGPL made its Compliance Filing to implement rates effective November 1, 2022, pursuant to the Settlement filed at FERC on April 4, 2019, in Docket No. RP19-351. The April 4, 2019, Settlement supersedes in its entirety the settlement approved by FERC on July 1, 2015, in Docket No. RP15-990. The 2019 Settlement provided for an immediate rate reduction of 8.5% effective November 1, 2019, with further reductions as follows: (1) a 2% reduction effective November 1, 2020, (2) an additional 2% reduction effective November 1, 2021, and (3) a 1% reduction effective November 1, 2022. All rate reductions are expressed as percentages of the rates effective November 1, 2018. The 2019 Settlement, approved by FERC on May 24, 2019, obviates the necessity of TGPL making a one-time filing of FERC Form No. 501-G as required by FERC Order 849. FERC Order 849 was intended to assess the impact of the Tax Cuts and Jobs Act on the revenues and rates of natural gas pipelines. The tariff sheets filed September 9, 2022 in RP19-351-006 also incorporate the revised Pipeline Safety and Green House Gas (“PS&GHG”) Surcharges as provided for in TGPL's settlements approved by FERC in Docket Nos. RP11-1566 and RP15-990.

Effective October 1, 2022, the FERC ACA Unit Charge is \$0.0015/MMBtu.

Attached hereto as Exhibit A-1 (a), Pages 5 and 6, are the tariff sheet for transportation service under Rate FT-A, which are applicable as of February 1, 2023. 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 \$13.2409/MMBtu including the PS&GHG charge, and (b) a commodity charge of \$0.0455/MMBtu.

The rates applicable to service under this discounted rate agreement result in a monthly demand charge of \$5.0645/MMBtu including the PS&GHG charge and a volumetric throughput charge (“commodity charge”) of \$0.0455/MMBtu for deliveries from Zone 0 to Zone 2.

## **Gas Supply Costs**

The average New York Mercantile Exchange (“NYMEX”) natural gas futures closes for March 20, 2023, March 21, 2023, and March 22, 2023, are \$2.374/MMBtu for May 2023, \$2.608/MMBtu for June 2023, and \$2.843/MMBtu for July 2023. The average of the NYMEX close for these three 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 36.1% higher compared to the same period one year ago, and 22.7% higher than the 5-year average.<sup>1</sup>
- Production levels have remained steady at about 97 Bcf/day and are expected to remain relatively flat. According to the EIA, some producers may reduce drilling in response to current lower prices.
- Exports of natural gas (by pipeline or as LNG) are expected to grow year-over-year increasing the demand for natural gas. LNG feed gas volumes are currently averaging about 12.5 Bcf/day but are expected to increase as the Freeport LNG facility returns to full production. Exports of natural gas via pipeline to Mexico are about 6 Bcf/day.
- Imports of natural gas via pipeline from Canada are about 6 Bcf/day.
- New pipeline infrastructure required to deliver natural gas supplies to the marketplace is growing at a slow pace due to regulatory and environmental challenges.
- Coal-fired generation retirements have increased the demand for gas-fired electric generation and the demand for natural gas. Natural gas demand for electric generation is about 30 Bcf/day.
- Warmer summer weather can increase gas-fired electric generation loads increasing the demand for natural gas. The U.S. National Weather Service sees an elevated risk for warmer-than-normal temperatures across most of the lower 48 states.
- Gas supply disruptions, such as those caused by hurricanes can affect prices.

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<sup>1</sup> The weekly gas storage survey issued by the Energy Information Administration (“EIA”) for the week ending March 17, 2023, indicated that storage inventory levels were 36.1% higher than last year's levels. Storage inventories across the nation are 504 Bcf (1,900 Bcf - 1,396 Bcf), or 36.1% higher this year than the same period one year ago. Last year at this time, 1,396 Bcf was held in storage, while this year 1,900 Bcf is held in storage. Storage inventories across the nation are 351 Bcf (1,900 Bcf - 1,549 Bcf), or 22.7%, higher this year than the five-year average. On average for the last five years at this time, 1,549 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.

The average commodity cost of gas purchased from gas suppliers by LG&E and delivered to TGT under the south-to-north NNS service is expected to be \$1.9260 per MMBtu for May 2023, \$2.1600 per MMBtu for June 2023, and \$2.3950 per MMBtu for July 2023. The average commodity cost of gas purchased from gas suppliers by LG&E and delivered to TGT under the north-to-south FT service is expected to be \$1.8980 per MMBtu for May 2023, \$2.1320 per MMBtu for June 2023, and \$2.3670 per MMBtu for July 2023. The average commodity cost of gas purchased from gas suppliers by LG&E and delivered to TGT under the south-to-north STF service is expected to be \$1.9260 per MMBtu for May 2023, \$2.1600 per MMBtu for June 2023, and \$2.3950 per MMBtu for July 2023. 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 \$1.9630 per MMBtu for May 2023, \$2.1970 per MMBtu for June 2023, and \$2.4320 per MMBtu for July 2023.

During the three-month period under review, May 1, 2023 through July 31, 2023, LG&E estimates that its total purchases will be 6,524,677 MMBtu. LG&E expects that 2,163,677 MMBtu will be met with deliveries from LG&E's TGT Rate NNS service (3,064,077 MMBtu in pipeline deliveries minus 900,400 MMBtu of injections into Rate NNS storage) and deliveries from LG&E's TGT Rate FT service (4,361,000 MMBtu).

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

MONTH	ESTIMATED PRICE AS DELIVERED TO TEXAS GAS	RATE NNS RETENTION (TO ZONE 4)	TRANSPORT CHARGE	TOTAL ESTIMATED DELIVERED PRICE
May-2023	\$1.9260	1.39%	\$0.0629	\$2.0160
Jun-2023	\$2.1600	1.39%	\$0.0629	\$2.2533
Jul-2023	\$2.3950	1.39%	\$0.0629	\$2.4917

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

MONTH	ESTIMATED PRICE AS DELIVERED TO TEXAS GAS	RETENTION (ZONE 4 to 4)	RATE FT TRANSPORT CHARGE	TOTAL ESTIMATED DELIVERED PRICE
May-2023	\$1.8980	0.40%	\$0.0375	\$1.9431
Jun-2023	\$2.1320	0.40%	\$0.0375	\$2.1781
Jul-2023	\$2.3670	0.40%	\$0.0375	\$2.4140

RATE STF  
SYSTEM SUPPLY SOUTH-TO-NORTH PURCHASE PRICE PER MMBTU  
UNDER TEXAS GAS'S SHORT-TERM FIRM SERVICE RATE

MONTH	ESTIMATED PRICE AS DELIVERED TO TEXAS GAS	RETENTION (ZONE 1 to 4)	RATE STF TRANSPORT CHARGE	TOTAL ESTIMATED DELIVERED PRICE
May-2023	\$1.9260	1.26%	\$0.0523	\$2.0029
Jun-2023	\$2.1600	1.26%	\$0.0523	\$2.2399
Jul-2023	\$2.3950	1.26%	\$0.0523	\$2.4779

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

MONTH	ESTIMATED PRICE AS DELIVERED TO TENNESSEE GAS	RETENTION (TO ZONE 2)	RATE FT-A TRANSPORT CHARGE	TOTAL ESTIMATED DELIVERED PRICE
May-2023	\$1.9630	2.12%	\$0.0455	\$2.0510
Jun-2023	\$2.1970	2.12%	\$0.0455	\$2.2901
Jul-2023	\$2.4320	2.12%	\$0.0455	\$2.5302



The annual demand billings covering the 12 months from May 1, 2023 through April 30, 2024, for firm contracts with natural gas suppliers are currently expected to be \$7,591,897.

**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 May 1, 2023 through July 31, 2023 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  
FERC NGA Gas Tariff  
Fourth Revised Volume No. 1  
Effective On: April 1, 2015

Section 4.4  
Currently Effective Rates - NNS  
Version 6.0.0

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

	<b>Base Tariff Rates</b>
<b>Zone SL</b>	
Daily Demand	0.1800
Commodity	0.0253
Overrun	0.2053
<b>Zone 1</b>	
Daily Demand	0.2782
Commodity	0.0431
Overrun	0.3213
<b>Zone 2</b>	
Daily Demand	0.3088
Commodity	0.0460
Overrun	0.3548
<b>Zone 3</b>	
Daily Demand	0.3543
Commodity	0.0490
Overrun	0.4033
<b>Zone 4</b>	
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 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.

Texas Gas Transmission, LLC  
FERC NGA Gas Tariff  
Fourth Revised Volume No. 1  
Effective On: April 1, 2015

Section 4.1  
Currently Effective Rates - FT  
Version 7.0.0

**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 capacity release rate shall be the applicable maximum daily demand rate herein pursuant to Section 6.16 of the General Terms and Conditions.

Texas Gas Transmission, LLC  
FERC NGA Gas Tariff  
Fourth Revised Volume No. 1  
Effective On: April 1, 2015

Section 4.1  
Currently Effective Rates - FT  
Version 7.0.0

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

	<b>Base Tariff Rates</b>
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 intra-zone rates shall apply to intra-zone transportation, whether such intra-zone transportation is forward haul or backhaul.

Texas Gas Transmission, LLC  
FERC NGA Gas Tariff  
Fourth Revised Volume No. 1  
Effective On: April 1, 2015

Section 4.2  
Currently Effective Rates - STF  
Version 5.0.0

**Currently Effective Maximum Transportation Rates (\$ per MMBtu)  
For Service under Rate Schedule STF**

	<u>Peak (Winter)-Demand</u>	<u>Off-Peak (Summer)-Demand</u>
	<b>Currently Effective Rates [1]</b>	<b>Currently Effective Rates [1]</b>
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 delivery; provided, however, that intra-zone 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 commodity rate is presented in Section 4.12.

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

Twenty First Revised Sheet No. 14  
Superseding  
Twentieth Revised Sheet No. 14

RATES PER DEKATHERM

FIRM TRANSPORTATION RATES  
RATE SCHEDULE FOR FT-A

Base Reservation Rates	RECEIPT ZONE	DELIVERY ZONE							
		0	L	1	2	3	4	5	6
	0	\$4.6943		\$9.80960	\$13.1952	\$13.4288	\$14.7555	\$15.6623	\$19.6507
	L		\$4.1674						
	1	\$7.0668		\$6.7741	\$9.0149	\$12.7706	\$12.5770	\$14.1840	\$17.4413
	2	\$13.1953		\$8.9608	\$4.6605	\$4.3567	\$5.5746	\$7.6672	\$9.8974
	3	\$13.4288		\$7.0978	\$4.6982	\$3.3894	\$5.2064	\$9.4162	\$10.8807
	4	\$17.0500		\$15.7186	\$5.9901	\$9.1033	\$4.4560	\$4.8190	\$6.8844
	5	\$20.3297		\$14.2853	\$6.2836	\$7.6032	\$4.9501	\$4.6433	\$6.0448
	6	\$23.5176		\$16.4078	\$11.2924	\$12.4403	\$8.7873	\$4.6228	\$4.0017

Daily Base Reservation Rate 1/	RECEIPT ZONE	DELIVERY ZONE							
		0	L	1	2	3	4	5	6
	0	\$0.1543		\$0.3225	\$0.4338	\$0.4415	\$0.4851	\$0.5149	\$0.6461
	L		\$0.1370						
	1	\$0.2323		\$0.2227	\$0.2964	\$0.4199	\$0.4135	\$0.4663	\$0.5734
	2	\$0.4338		\$0.2946	\$0.1532	\$0.1432	\$0.1833	\$0.2521	\$0.3254
	3	\$0.4415		\$0.2334	\$0.1545	\$0.1114	\$0.1712	\$0.3096	\$0.3577
	4	\$0.5605		\$0.5168	\$0.1969	\$0.2993	\$0.1465	\$0.1584	\$0.2263
	5	\$0.6684		\$0.4697	\$0.2066	\$0.2500	\$0.1627	\$0.1527	\$0.1987
	6	\$0.7732		\$0.5394	\$0.3713	\$0.4090	\$0.2889	\$0.1520	\$0.1316

Maximum Reservation Rates 2 /, 3 /	RECEIPT ZONE	DELIVERY ZONE							
		0	L	1	2	3	4	5	6
	0	\$4.7400		\$9.8553	\$13.2409	\$13.4745	\$14.8012	\$15.7080	\$19.6964
	L		\$4.2131						
	1	\$7.1125		\$6.8198	\$9.0606	\$12.8163	\$12.6227	\$14.2297	\$17.4870
	2	\$13.2410		\$9.0065	\$4.7062	\$4.4024	\$5.6203	\$7.7129	\$9.9431
	3	\$13.4745		\$7.1435	\$4.7439	\$3.4351	\$5.2521	\$9.4619	\$10.9264
	4	\$17.0957		\$15.7643	\$6.0358	\$9.1490	\$4.5017	\$4.8647	\$6.9301
	5	\$20.3754		\$14.3310	\$6.3293	\$7.6489	\$4.9958	\$4.6890	\$6.0905
	6	\$23.5633		\$16.4535	\$11.3381	\$12.4860	\$8.8330	\$4.6685	\$4.0474

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 \$0.0457.

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

Twenty Third Revised Sheet No. 15  
Superseding  
Twenty Second Revised Sheet No. 15

RATES PER DEKATHERM

COMMODITY RATES  
RATE SCHEDULE FOR FT-A

Base  
Commodity Rates

RECEIPT ZONE	DELIVERY ZONE							
	0	L	1	2	3	4	5	6
0	\$0.0032		\$0.0115	\$0.0177	\$0.0219	\$0.2260	\$0.2157	\$0.2567
L		\$0.0012						
1	\$0.0042		\$0.0081	\$0.0147	\$0.0179	\$0.1922	\$0.1960	\$0.2238
2	\$0.0167		\$0.0087	\$0.0012	\$0.0028	\$0.0622	\$0.0997	\$0.1105
3	\$0.0207		\$0.0169	\$0.0026	\$0.0002	\$0.0831	\$0.1150	\$0.1256
4	\$0.0250		\$0.0205	\$0.0087	\$0.0105	\$0.0385	\$0.0544	\$0.0881
5	\$0.0284		\$0.0256	\$0.0100	\$0.0118	\$0.0541	\$0.0536	\$0.0666
6	\$0.0346		\$0.0300	\$0.0143	\$0.0163	\$0.0833	\$0.0452	\$0.0274

Minimum  
Commodity Rates 1/, 2/

RECEIPT ZONE	DELIVERY ZONE							
	0	L	1	2	3	4	5	6
0	\$0.0032		\$0.0115	\$0.0177	\$0.0219	\$0.0250	\$0.0284	\$0.0346
L		\$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/, 2/, 3/

RECEIPT ZONE	DELIVERY ZONE							
	0	L	1	2	3	4	5	6
0	\$0.0050		\$0.0133	\$0.0195	\$0.0237	\$0.2278	\$0.2175	\$0.2585
L		\$0.0030						
1	\$0.0060		\$0.0099	\$0.0165	\$0.0197	\$0.1940	\$0.1978	\$0.2256
2	\$0.0185		\$0.0105	\$0.0030	\$0.0046	\$0.0640	\$0.1015	\$0.1123
3	\$0.0225		\$0.0187	\$0.0044	\$0.0020	\$0.0849	\$0.1168	\$0.1274
4	\$0.0268		\$0.0223	\$0.0105	\$0.0123	\$0.0403	\$0.0562	\$0.0899
5	\$0.0302		\$0.0274	\$0.0118	\$0.0136	\$0.0559	\$0.0554	\$0.0684
6	\$0.0364		\$0.0318	\$0.0161	\$0.0181	\$0.0851	\$0.0470	\$0.0292

Notes:

- 1/ Rates stated above exclude the ACA Surcharge as revised annually and posted on the FERC website at <http://www.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.
- 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.
- 3/ Includes a per Dth charge for the PS/GHG Surcharge Adjustment per Article XXXVIII of the General Terms and Conditions of \$0.0018.

Texas Gas Transmission, LLC  
FERC NGA Gas Tariff  
Fourth Revised Volume No. 1  
Effective On: November 1, 2022

Section 4.18.1  
Currently Effective Rates - Fuel Retention - General  
Version 16.0.0

**Schedule of Currently Effective Fuel Retention Percentages  
Pursuant to Section 6.9 of the General Terms and Conditions**

**NNS/NNL/SGT/SGL/SNS/WNS Rate Schedules**

<b><u>Delivery Fuel Zone</u></b>	<b><u>EFRP [1]</u></b>
South	1.19%
Middle	1.25%
North	1.39%

**FT/STF/IT Rate Schedules**

<b><u>Rec/Del Fuel Zone</u></b>	<b><u>EFRP</u></b>
South/South	0.81%
South/Middle	0.90%
South/North	1.26%
Middle/South	0.90%
Middle/Middle	0.15%
Middle/North	0.54%
North/South	1.30%
North/Middle	0.48%
North/North	0.40%

**FSS/FSS-M/ISS/ISS-M Rate Schedules**

<b><u>Injection / Withdrawal</u></b>
0.45%

**Swing Allocation Hybrid Rate  
NNS/NNL/SGT/SGL/SNS/WNS**

<b><u>Delivery Fuel Zone</u></b>	<b><u>EFRP</u></b>
South	0.28%
Middle	0.59%
North	0.53%

[1] Effective Fuel Retention Percentage Schedule of Currently Effective Fuel Retention Percentages Pursuant to Section 6.9 of the General Terms and Conditions



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

Nineteenth Revised Sheet No. 32  
Superseding  
Eighteenth Revised Sheet No. 32

FUEL AND EPCR

F&LR 1/, 2/, 3/, 4/ -----	RECEIPT ZONE	DELIVERY ZONE							
		0	L	1	2	3	4	5	6
	0	0.43%		1.41%	2.12%	2.67%	3.21%	3.51%	4.17%
	L		0.20%						
	1	0.55%		1.01%	1.78%	2.15%	2.63%	3.19%	3.64%
	2	2.16%		1.08%	0.19%	0.39%	0.75%	1.30%	1.78%
	3	2.67%		2.15%	0.39%	0.08%	1.06%	1.53%	2.04%
	4	3.11%		2.44%	1.08%	1.29%	0.40%	0.64%	1.13%
	5	3.63%		3.19%	1.32%	1.55%	0.63%	0.63%	0.81%
	6	4.34%		3.77%	1.78%	2.04%	1.05%	0.49%	0.23%

Broad Run Expansion Project – Market Component (Z3-Z1): 5/ 6.50%

EPCR 3/, 4/ -----	RECEIPT ZONE	DELIVERY ZONE							
		0	L	1	2	3	4	5	6
	0	\$0.0041		\$0.0158	\$0.0245	\$0.0304	\$0.0368	\$0.0418	\$0.0502
	L		\$0.0014						
	1	\$0.0055		\$0.0111	\$0.0203	\$0.0248	\$0.0308	\$0.0377	\$0.0433
	2	\$0.0245		\$0.0119	\$0.0013	\$0.0036	\$0.0080	\$0.0146	\$0.0199
	3	\$0.0304		\$0.0248	\$0.0036	\$0.0000	\$0.0116	\$0.0173	\$0.0230
	4	\$0.0368		\$0.0284	\$0.0118	\$0.0144	\$0.0038	\$0.0066	\$0.0124
	5	\$0.0418		\$0.0377	\$0.0146	\$0.0173	\$0.0065	\$0.0065	\$0.0086
	6	\$0.0502		\$0.0433	\$0.0199	\$0.0230	\$0.0116	\$0.0049	\$0.0018

Broad Run Expansion Project – Market Component (Z3-Z1): 5/ \$0.0828

- 1/ Included in the above F&LR is the Losses component of the F&LR equal to 0.04%.
- 2/ For service that is rendered entirely by displacement and for gas scheduled and allocated for receipt at the Dracut, Massachusetts receipt point, Shipper shall render only the quantity of gas associated with Losses of 0.04%.
- 3/ The F&LR's and EPCR's listed above are applicable to FT-A, FT-BH, FT-G, FT-GS, and IT.
- 4/ The F&LR's and EPCR's determined pursuant to Article XXXVII of the General Terms and Conditions.
- 5/ The incremental F&LR and EPCR set forth above are applicable to a Shipper(s) utilizing capacity on the Broad Run Expansion Project – Market Component facilities, from any receipt point(s) to any delivery point(s) located on the project's transportation path. Any service provided to a Shipper(s) outside the project's transportation path shall be subject to the greater of the incremental F&LR and EPCR for the project or the applicable F&LR and EPCR for the applicable receipt(s) and delivery point(s) as shown in the rate matrices above. Included in the above F&LR is the Losses component of the F&LR equal to 0.04%.

## LOUISVILLE GAS AND ELECTRIC COMPANY

## Gas Supply Clause: 2023-00089

## 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 recovery from Case Number 2022-00310 during the three-month period of November 2022 through January 2023 was the following:

(Over)/Under Recovery: \$ (23,685,852)

The calculation of the Gas Cost Actual Adjustment (GCAA) set forth in Exhibit B-1 results in the following factor, which LG&E will place in effect as a credit with service rendered on and after May 1, 2023 and continue for 12 months:

GCAA Factor per 100 cubic feet: \$ (0.07603)

Also enclosed, on pages 6 and 7 of Exhibit B-1, is a breakdown of gas purchases for the three-month period from November 2022 through January 2023. [Please note that the names of the suppliers have been redacted from these pages, in accordance with LG&E's Petition for Confidentiality filed this quarter.]

In this filing, LG&E will be eliminating the GCAA from Case Number 2021-00368 which will have been in effect for twelve months. Any over- or under-recovery of the amount originally established will be transferred to the Gas Cost Balance Adjustment (GCBA) which will be implemented in LG&E's next Gas Supply Clause filing.

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

	<u>Effective Date</u>	<u>Case No.</u>	<u>GCAA Factor \$/Ccf</u>
Current Quarter Actual Adjustment:	May 1, 2023	2022-00310	\$ (0.07603)
Previous Quarter Actual Adjustment:	February 1, 2023	2022-00180	\$ (0.00621)
2 <sup>nd</sup> Previous Quarter Actual Adjustment	November 1, 2022	2022-00083	\$ 0.03619
3 <sup>rd</sup> Previous Quarter Actual Adjustment:	August 1, 2022	2021-00458	\$ 0.03614
<b>Total Gas Cost Actual Adjustment (GCAA)</b>			<b>\$ (0.00991)</b>

**LOUISVILLE GAS AND ELECTRIC COMPANY**

Calculation of Gas Cost Actual Adjustment  
Which Compensates for Over- or Under-  
Recoveries of Gas Supply Costs  
For Service Rendered On and After May 1, 2023

Line No.	Recovery Period	Case Number	Total Dollars of Gas Cost Recovered <sup>1</sup>	Gas Supply Cost Per Books <sup>2</sup>	(Over)/Under Recovery (6)=(5)-(4)
(1)	(2)	(3)	(4)	(5)	(6)
1	Oct-2022	2022-00180	\$21,652	\$0	(\$21,652) <sup>4</sup>
2	Nov-2022	2022-00310	\$10,043,603	\$22,369,081	\$12,325,478
3	Dec-2022	2022-00310	\$38,251,034	\$39,805,432	\$1,554,398
4	Jan-2023	2022-00310	\$46,345,829	\$30,325,597	(\$16,020,232)
5	Feb-2023	(Note 3)	\$21,523,844	\$0	(\$21,523,844)
6			\$116,185,962	\$92,500,110	(\$23,685,852)
7		(Over)/Under Recovery	(\$23,685,852)		
8		Expected Mcf Sales for			
9		12-Month Period from Date Implemented	31,154,948		
10		GCAA Factor per Mcf	(\$0.7603)		
11		GCAA Factor per Ccf	(\$0.07603)		

<sup>1</sup> See Page 2 of this Exhibit.

<sup>2</sup> See Page 5 of this Exhibit.

<sup>3</sup> Current sales included in meter readings for prior month.

<sup>4</sup> Correction for prior quarterly filing.

**LOUISVILLE GAS AND ELECTRIC COMPANY**  
Calculation of Gas Costs Recovered  
Under Company's Gas Supply Clause  
For Service Rendered On and After May 1, 2023

Line No.	Recovery Period	Comments	Case No.	Total Mcf Sales for Month	Mcf Sales Applicable to GCAA Period	Gas Supply Cost per Mcf	AAGS Interruption Penalty	Dollars Recovered Under GSC
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)=[(6)x(7)]+(8)
1	Oct-2022		2022-00180					
2	Nov-2022	Prorated	2022-00310	2,117,518.5 <sup>1</sup>	1,123,610.0 <sup>2</sup>	\$8.6390	\$0	\$9,706,867
3	Dec-2022		2022-00310	4,389,964.7	4,389,964.7	\$8.6390	\$0	\$37,924,905
4	Jan-2023		2022-00310	5,354,506.8	5,354,506.8	\$8.6390	\$0	\$46,257,584
5	Feb-2023	Prorated	2022-00310	4,638,340.1 <sup>1</sup>	2,491,474.0 <sup>2</sup>	\$8.6390		\$21,523,844
6					13,359,555.5		\$0	\$115,413,200
		\$ Recovered <sup>3</sup> Under Rider TS- 2	\$ Recovered <sup>4</sup> Under Rate FT	\$ from OSS	Total \$ Recovered (13)=(9)+(10)+(11) )+(12)			
		(10)	(11)	(12)				
7	Oct-2022		\$21,652 <sup>5</sup>		\$21,652			
8	Nov-2022	\$83,182	\$253,554	\$0	\$10,043,603			
9	Dec-2022	\$55,545	\$270,584	\$0	\$38,251,034			
10	Jan-2023	\$41,586	\$46,659	\$0	\$46,345,829			
11	Feb-2023				\$21,523,844			
12		\$180,313	\$592,449	0	\$116,185,962			

<sup>1</sup> For information purposes only, volumes will be prorated.

<sup>2</sup> Portion of month billed at rate effective this quarter.

<sup>3</sup> See Page 3 of this Exhibit.

<sup>4</sup> See Page 4 of this Exhibit.

<sup>5</sup> Correction for prior quarterly filing

**LOUISVILLE GAS AND ELECTRIC COMPANY**

Summary of Gas Costs Recovered

Under Provisions of Rider TS-2

For Service Rendered On and After May 1, 2023

Line No.	Recovery Period	Case Number	Mcf Transported Under Rider TS-2	PSDC Per Mcf	PSDC	Rider TS-2	MMBtu Adjust. (Mcf)	MMBtu Adjust. (\$)	Cash-Out Sales (Mcf)	Cash-Out Sales (\$)	AAGS TS-2	Action Alert	Monthly \$'s
					Revenue Collected from TS-2 Customers	Gas True-Up Charge Revenue					Interruption Penalty	Recovered Under Rider TS-2	
			(3)	(4)	(5)=(3)x(4)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)=(5)+(6)+(8) +(10)+(11)+(12)
1	Nov-2022	2022-00310	70,976.0	\$0.9560	\$67,853	\$0	17.0	\$65	2,294.0	\$15,264	\$0	\$0	\$83,182
2	Dec-2022	2022-00310	58,101.0	\$0.9560	\$55,545	\$0	0.0	\$0	0	\$0	\$0	\$0	\$55,545
3	Jan-2023	2022-00310	43,153.0	\$0.9560	\$41,254	\$0	0.0	\$0	96.0	\$332	\$0	\$0	\$41,586
4	Total Amount to Transfer to Exhibit B-1, Page 2											\$180,313	

Note: Should a Customer served under Rider TS-2 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 Rider TS-2, 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**

Summary of Gas Costs Recovered

Under Provisions of Rate FT

For Service Rendered On and After May 1, 2023

Line No.	Recovery Period (1)	Case Number (2)	UCDI Demand Chrg / Mcf (3)	Cash-Out Sales (Mcf) (4)	Cash-Out Sales (\$) (5)	MMBTU Adjust. (Mcf) (6)	MMBTU Adjust. (\$) (7)	UCDI Mcf (8)	UCDI \$ [(3)x(8)] (9)	OFO \$ (10)	Rate FT Gas True-Up Charge Revenue (11)	Monthly \$'s Recovered [(5)+(7)+(9)+(10)+(11)] (12)
1	Oct-2022	<sup>1</sup> 2022-00180	\$0.1698	3,364.0	\$21,413			1,404.0	\$238			\$21,652
2	Nov-2022	2022-00310	\$0.1779	36,330.0	\$241,836	-	\$0	65,865.0	\$11,717	\$0	\$0	\$253,554
3	Dec-2022	2022-00310	\$0.1779	-	\$0	-	\$0	73,961.0	\$13,158	\$257,427	\$0	\$270,584
4	Jan-2023	2022-00310	\$0.1779	10,992.0	\$37,866	-	\$0	49,423.0	\$8,792	\$0	\$0	\$46,659
5								Total Amount to Transfer to Exhibit B-1, Page 2				\$592,449

<sup>1</sup> Correction for prior quarterly filing.

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.



**CONFIDENTIAL INFORMATION REDACTED**

LOUISVILLE GAS AND ELECTRIC COMPANY  
 SUMMARY OF GAS PURCHASES AND COSTS BY SUPPLIER  
 FOR THE 3 MONTH PERIOD FROM NOVEMBER 2022 THROUGH JANUARY 2023

DELIVERED BY TEXAS GAS TRANSMISSION, LLC

		NOVEMBER 2022			DECEMBER 2022			JANUARY 2023		
		NET MMBTU	MCF	\$	NET MMBTU	MCF	\$	NET MMBTU	MCF	\$
<b>NATURAL GAS SUPPLIES:</b>										
1 .	A	422,958	397,144	\$2,109,769.41	618,105	580,381	\$3,559,575.30	25,000	23,474	\$256,542.13
2 .	B	144,451	135,635	\$749,793.50	152,339	143,041	\$978,012.24	151,393	142,153	\$623,515.36
3 .	C	231,833	217,684	\$1,289,090.13	207,081	194,442	\$1,412,450.00	157,334	147,731	\$485,426.12
4	D	278,076	261,104	\$1,533,962.50	162,211	152,312	\$1,167,480.00	0	0	\$18,212.50
5	E	0	0	\$0.00	115,865	108,793	\$887,536.25	0	0	\$16,391.25
6	F	0	0	\$0.00	24,652	23,147	\$247,500.00	29,309	27,520	\$125,853.76
7 .	G	295,955	277,892	\$1,618,744.51	49,337	46,326	\$363,312.50	0	0	\$5,812.50
8	H	298,800	280,563	\$1,389,000.00	308,760	289,915	\$1,977,800.00	308,760	289,915	\$1,438,400.00
9	I	298,800	280,563	\$1,434,200.00	308,760	289,915	\$1,745,300.00	308,760	289,915	\$905,900.00
10 .	J	59,760	56,113	\$340,300.00	159,360	149,635	\$1,048,000.00	89,640	84,170	\$291,450.00
11	K	39,840	37,408	\$266,250.00	79,680	74,817	\$630,900.00	19,920	18,704	\$86,900.00
12 .	ADJUSTMENT: (DEC)	0	0	\$0.00	0	0	\$0.00	0	0	\$10,550.00
	<b>SUBTOTAL</b>	<b>2,070,473</b>	<b>1,944,106</b>	<b>\$10,731,110.05</b>	<b>2,186,150</b>	<b>2,052,724</b>	<b>\$14,017,866.29</b>	<b>1,090,116</b>	<b>1,023,582</b>	<b>\$4,264,953.62</b>
<b>NO-NOTICE SERVICE ("NNS") STORAGE:</b>										
1 .	WITHDRAWALS	566,928	532,327	\$3,028,472.68	514,892	483,467	\$3,500,235.82	766,239	719,473	\$2,236,038.65
2 .	INJECTIONS	(82,353)	(77,327)	(\$418,945.81)	(95,049)	(89,248)	(\$621,918.87)	(10,001)	(9,391)	(\$30,589.76)
3 .	ADJUSTMENTS	0	524	\$0.00	0	11,546	\$0.00	0	14,584	\$0.00
4 .	ADJUSTMENTS			\$0.00			\$0.00			\$0.00
	<b>NET NNS STORAGE ACTIVITY</b>	<b>484,575</b>	<b>455,524</b>	<b>\$2,609,526.87</b>	<b>419,843</b>	<b>405,765</b>	<b>\$2,878,316.95</b>	<b>756,238</b>	<b>724,666</b>	<b>\$2,205,448.89</b>
<b>NATURAL GAS TRANSPORTATION:</b>										
<b>COMMODITY AND VOLUMETRIC CHARGES:</b>										
1 .	TEXAS GAS TRANSMISSION, LLC			\$139,709.70			\$137,427.48			\$95,750.40
2 .	ADJUSTMENTS	0	5,533	\$0.47	0	51,052	\$0.07	0	74,796	\$123.13
3 .	ADJUSTMENTS	0	0	\$0.00	0	0	\$0.00	0	0	\$0.00
4 .	HYBRID FUEL	(220)	(207)	\$0.00	(229)	(215)	\$0.00	(10)	(9)	\$0.00
5 .	ADJUSTMENTS	0	0	\$0.00	0	(4)	\$0.00	0	0	\$0.00
	<b>SUBTOTAL</b>	<b>(220)</b>	<b>5,326</b>	<b>\$139,710.17</b>	<b>(229)</b>	<b>50,833</b>	<b>\$137,427.55</b>	<b>(10)</b>	<b>74,787</b>	<b>\$95,873.53</b>
<b>DEMAND AND FIXED CHARGES:</b>										
1 .	TEXAS GAS TRANSMISSION, LLC			\$2,954,193.00			\$3,052,666.10			\$3,052,666.10
2 .	ADJUSTMENTS			\$0.00			\$0.00			\$0.00
3 .	ADJUSTMENTS			\$0.00			\$0.00			\$0.00
4 .	CAPACITY RELEASE CREDITS			(\$46,500.00)			\$0.00			\$0.00
5 .	ADJUSTMENTS			\$0.00			\$0.00			\$0.00
	<b>SUBTOTAL</b>			<b>\$2,907,693.00</b>			<b>\$3,052,666.10</b>			<b>\$3,052,666.10</b>
<b>TOTAL PURCHASED GAS COSTS – TEXAS GAS TRANSMISSION, LLC</b>		<b>2,554,828</b>	<b>2,404,956</b>	<b>\$16,388,040.09</b>	<b>2,605,764</b>	<b>2,509,322</b>	<b>\$20,086,276.89</b>	<b>1,846,344</b>	<b>1,823,035</b>	<b>\$9,618,942.14</b>



# CONFIDENTIAL INFORMATION REDACTED

LOUISVILLE GAS AND ELECTRIC COMPANY  
 SUMMARY OF GAS PURCHASES AND COSTS BY SUPPLIER  
 FOR THE 3 MONTH PERIOD FROM NOVEMBER 2022 THROUGH JANUARY 2023

DELIVERED BY TENNESSEE GAS PIPELINE COMPANY, LLC

		NOVEMBER 2022			DECEMBER 2022			JANUARY 2023		
		NET MMBTU	MCF	\$	NET MMBTU	MCF	\$	NET MMBTU	MCF	\$
NATURAL GAS SUPPLIES:										
1	L	599,220	562,648	\$2,872,900.00	599,220	562,648	\$3,401,000.00	427,636	401,536	\$1,840,500.00
2	M	255,000	239,437	\$1,046,950.00	260,000	244,131	\$1,210,750.00	170,000	159,624	\$461,800.00
3	N	225,000	211,268	\$1,091,550.00	390,000	366,197	\$1,848,675.00	255,000	239,437	\$725,250.00
4	O	39,924	37,487	\$225,072.12	10,000	9,390	\$63,000.00	0	0	\$0.00
5	P	0	0	\$0.00	30,000	28,169	\$158,700.00	0	0	\$0.00
6	Q	0	0	\$0.00	40,000	37,559	\$236,600.00	0	0	\$0.00
SUBTOTAL		1,119,144	1,050,840	\$5,236,472.12	1,329,220	1,248,094	\$6,918,725.00	852,636	800,597	\$3,027,550.00
NATURAL GAS TRANSPORTATION:										
COMMODITY AND VOLUMETRIC CHARGES:										
1	TENNESSEE GAS PIPELINE COMPANY, LLC			\$11,505.02			\$11,505.02			\$8,210.61
2	TENNESSEE GAS PIPELINE COMPANY, LLC			\$12,224.09			\$12,224.09			\$8,723.77
3	TENNESSEE GAS PIPELINE COMPANY, LLC			\$1,078.60			\$1,078.60			\$769.74
4	ADJUSTMENTS	1,373	3,008	\$2,063.71	(65)	3,794	\$7,763.00	50	2,334	\$487.99
5	ADJUSTMENTS	0	0	\$0.00	0	0	\$0.00	0	0	\$0.00
SUBTOTAL		1,373	3,008	\$26,871.42	(65)	3,794	\$32,570.71	50	2,334	\$18,192.11
DEMAND AND FIXED CHARGES:										
1	TENNESSEE GAS PIPELINE COMPANY, LLC			\$101,290.00			\$101,290.00			\$101,290.00
2	ADJUSTMENTS			\$0.00			\$0.00			\$0.00
3	ADJUSTMENTS			\$0.00			\$0.00			\$0.00
4	CAPACITY RELEASE CREDITS			\$0.00			\$0.00			\$0.00
5	ADJUSTMENTS			\$0.00			\$0.00			\$0.00
SUBTOTAL				\$101,290.00			\$101,290.00			\$101,290.00
TOTAL PURCHASED GAS COSTS -- TENNESSEE GAS PIPELINE COMPANY,		1,120,517	1,053,848	\$5,364,633.54	1,329,155	1,251,888	\$7,052,585.71	852,686	802,931	\$3,147,032.11
OTHER PURCHASES										
1	CASH-OUT OF CUSTOMER OVER-DELIVERIES		8,521	\$29,548.89	33,279	\$216,647.47	12,962	\$216,253.81		
TOTAL		8,521		\$29,548.89	33,279	\$216,647.47	12,962	\$216,253.81		
TOTAL PURCHASED GAS COSTS -- ALL PIPELINES		3,675,345	3,467,325	\$21,782,222.52	3,934,919	3,794,489	\$27,355,510.07	2,699,030	2,638,928	\$12,982,228.06

**All invoices are Confidential  
and are provided separately  
under seal.**

**LOUISVILLE GAS AND ELECTRIC COMPANY**

**Gas Supply Clause: 2023-00089**

**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- or under-recoveries will be distributed via the Gas Cost Balance Adjustment (GCBA) during the period of May 1, 2023 through July 31, 2023 set forth on Page 1 of Exhibit C-1:

(Over)/Under GCBA Recovery:     \$ 259,196

The GCBA factor required to collect the recovery balance will be in effect as a debit with service rendered on and after May 1, 2023 and continue for three months:

GCBA Factor per 100 cubic feet:     \$ 0.00942

In this filing, LG&E will eliminate the GCBA from Case No. 2022-00421 as it 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, 2023.

**LOUISVILLE GAS AND ELECTRIC COMPANY**  
Calculation of Quarterly Gas Cost Balance Adjustment  
For Service Rendered On and After May 1, 2023

Line No.	Factor	Remaining Balance
1	Remaining (Over)/Under Recovery From GCAA <sup>1</sup>	\$190,251
2	Remaining (Over)/Under Recovery From GCBA <sup>2</sup>	\$68,945
3	Remaining (Under)/Over Refund From RA <sup>3</sup>	\$0
4	Remaining (Over)/Under Recovery From PBRRC <sup>4</sup>	\$0
5	Total Remaining (Over)/Under Recovery	<u>\$259,196</u>
6	Expected Mcf Sales for 3 Month Period <sup>5</sup>	2,752,937
7	GCBA Factor Per Mcf	\$0.0942
8	GCBA Factor Per Ccf	\$0.00942

<sup>1</sup> See Exhibit C-1, page 2.

<sup>2</sup> See Exhibit C-1, page 3.

<sup>3</sup> See Exhibit D. LG&E is not receiving any pipeline refunds at this time.

<sup>4</sup> See Exhibit E-1, page 2. Only applicable for August filing.

<sup>5</sup> See Exhibit A, page 1.

**LOUISVILLE GAS AND ELECTRIC COMPANY**  
**Calculation of Revenue Collected or Refunded Under GCAA Factor**  
**For Service Rendered On and After May 1, 2023**

From Case No. 2021-00251

Line No.	Recovery Period	Comments	Total Mcf Sales for Month	Sales Applicable to GCAA Recovery	GCAA/Mcf Factor	Recovery/(Refund) per Month	Balance Remaining	
	(1)	(2)	(3)	(4)	(5)	(6)=(4)x(5)	(7)=(Bal)-(6)	
1						Beginning Balance	\$2,671,220	
2	Feb-22	Prorated	5,840,316.2	2,633,655.2	\$0.0849	\$223,597	\$2,447,623	
3	Mar-22		4,334,416.8	4,334,416.8	\$0.0849	\$367,992	\$2,079,631	
4	Apr-22		2,797,541.7	2,797,541.7	\$0.0849	\$237,511	\$1,842,120	
5	May-22		1,353,023.2	1,353,023.2	\$0.0849	\$114,872	\$1,727,248	
6	Jun-22		781,082.6	781,082.6	\$0.0849	\$66,314	\$1,660,934	
7	Jul-22		650,186.6	650,186.6	\$0.0849	\$55,201	\$1,605,733	
8	Aug-22		633,620.0	633,620.0	\$0.0849	\$53,794	\$1,551,939	
9	Sep-22		649,768.6	649,768.6	\$0.0849	\$55,165	\$1,496,774	
10	Oct-22		1,035,494.7	1,035,494.7	\$0.0849	\$87,914	\$1,408,860	
11	Nov-22		2,117,518.5	2,117,518.5	\$0.0849	\$179,777	\$1,229,083	
12	Dec-22		4,389,964.7	4,389,964.7	\$0.0849	\$372,708	\$856,375	
13	Jan-23		5,354,506.8	5,354,506.8	\$0.0849	\$454,598	\$401,777	
14	Feb-23	Prorated	4,638,340.1	2,491,474.0	\$0.0849	\$211,526	\$190,251	
15			Total Amount Recovered/(Refunded) During Period				\$2,480,969	
16			Remaining Balance to Transfer to Exhibit C-1, Page 1 of 3				\$190,251	

**LOUISVILLE GAS AND ELECTRIC COMPANY**  
Revenue Collected Under the GCBA Factor  
For Service Rendered On and After May 1, 2023

Case No. 2022-00310

Line No.	Recovery	Comments	Total Mcf Sales for Month	Sales Applicable	GCBA/Mcf Factor	Recovery/(Refund)	Balance Remaining
	Period			to GCBA Recovery		per Month	
	(1)	(2)	(3)	(4)	(5)	(6)=(4)x(5)	(7)=(Bal)-(6)
1						Beginning Balance	\$581,953
2	Nov-2022	Prorated	2,117,518.5	1,123,610.0	\$0.0384	\$43,147	\$538,806
3	Dec-2022		4,389,964.7	4,389,964.7	\$0.0384	\$168,575	\$370,231
4	Jan-2023		5,354,506.8	5,354,506.8	\$0.0384	\$205,613	\$164,618
5	Feb-2023	Prorated	4,638,340.1	2,491,474.0	\$0.0384	\$95,673	\$68,945
6			Total Amount Recovered/(Refunded) During Period			\$513,008	
7			Remaining Balance to Transfer to Exhibit C-1, Page 1 of 3			\$68,945	

**LOUISVILLE GAS AND ELECTRIC COMPANY**

**Gas Supply Clause: 2023-00089**

The Company has received no refunds this quarter and has completed refunding all previous obligations.

Therefore, the Refund Factor will be as follows:

None

**LOUISVILLE GAS AND ELECTRIC COMPANY**  
**Calculation of Refund Factor**  
For Service Rendered On and After May 1, 2023

NO REFUNDS CURRENTLY

Line No.	Effective Date	Case Number	Total Cash Refund Related to Demand	Plus Interest on Refundable Amount	Expected Refund		Expected Mcf Sales for the 12- month Period	Refund Factor per Mcf (\$/Mcf)	Refund Factor per Ccf (\$/Ccf)
					Obligation Including Interest	(5)=(3)+(4)			
(1)	(2)	(3)	(4)	(5)	(6)	(7) = (5)/(6)	(8)		
1	May-2023	2023-00089	\$ -	\$ -	\$ -	31,861,046	\$ -	-	
2	Feb-2023	2022-00421	\$ -	\$ -	\$ -	31,555,017	\$ -	-	
3	Nov-2022	2022-00310	\$ -	\$ -	\$ -	31,986,075	\$ -	-	
4	Aug-2022	2022-00180	\$ -	\$ -	\$ -	32,103,581	\$ -	-	
5						Total Refund Factor	\$0.0000		



**LOUISVILLE GAS AND ELECTRIC COMPANY**  
Refund Returned Under RA Factor  
For Service Rendered On and After May 1, 2023

Case No. 2021-00458

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)x(5)	(7)=(Bal)-(6)
1						Beginning Balance	\$0.00
2	Feb-22	Prorated	2,633,655	54,563	\$0.0000	\$0	\$0
3	Mar-22		4,327,110	68,709	\$0.0000	\$0	\$0
4	Apr-22		2,784,306	71,266	\$0.0000	\$0	\$0
5	May-22		561,583	35,911	\$0.0000	\$0	\$0
6	Jun-22		785,115	111,369	\$0.0000	\$0	\$0
7	Jul-22		633,376	63,811	\$0.0000	\$0	\$0
8	Aug-22		313,736	68,067	\$0.0000	\$0	\$0
9	Sep-22		648,597	86,339	\$0.0000	\$0	\$0
10	Oct-22		1,036,676	80,730	\$0.0000	\$0	\$0
11	Nov-22		1,123,610	70,976	\$0.0000	\$0	\$0
12	Dec-22		4,163,650	58,101	\$0.0000	\$0	\$0
13	Jan-23		5,218,559	43,153	\$0.0000	\$0	\$0
14	Feb-23	Prorated	2,146,866	0	\$0.0000	\$0	\$0
					Amount Refunded	\$0	
15			Remaining Balance to Transfer to Exhibit C-1, Page 1 of 3			\$0	

**LOUISVILLE GAS AND ELECTRIC COMPANY**

**Gas Supply Clause: 2023-00089**

**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 Order of the Commission in Case No. 2009-00550, LG&E is making this filing.

As shown in the following table, the PBRRC amount which becomes effective with gas service rendered on and after February 1, 2023 and will remain in effect until January 31, 2024 is \$0.01622 and \$0.00245 per 100 cubic feet for sales and Rider TS-2 volumes, respectively:

	<u>Sales Volumes</u>	<u>Transportation Volumes</u>
Commodity-Related Portion	\$ 0.01377 /Ccf	\$ - /Ccf
Demand-Related Portion	\$ 0.00245 /Ccf	\$ 0.00245 /Ccf
Total PBRRC	\$ 0.01622 /Ccf	\$ 0.00245 /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 Rider TS-2 receive only the demand-related portion of the PBRRC.

**LOUISVILLE GAS AND ELECTRIC COMPANY**

Effective February 1, 2023 with Gas Supply Clause Case No. 2022-00421  
Shareholder Portion of PBR Savings  
PBR Year 25

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

<u>Line No.</u>		<u>Commodity</u>	<u>Demand</u>	<u>Total</u>
1	Company Share of PBR Savings or (Expenses) (CSPBR)	\$4,248,093	\$774,481	\$5,022,574
2	Expected Mcf Sales for the 12 month period beginning February 1, 2023	30,851,479	31,555,017	
3	PBRRC factor per Mcf	\$0.1377	\$0.0245	\$0.1622
4	PBRRC factor per Ccf	\$0.01377	\$0.00245	\$0.01622

## LOUISVILLE GAS AND ELECTRIC COMPANY

**Gas Supply Clause: 2023-00089**  
**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.

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, 2021 and November 1, 2022 is:

With Service Elected Effective	Applicable Components of GCAA	Applicable Components of GCBA	Applicable Components of PBRRC	Total
November 1, 2021	\$ - /Mcf	\$ - /Mcf	\$ - /Mcf	\$ - /Mcf
November 1, 2022	\$ 0.6612 /Mcf	\$ 0.0942 /Mcf	\$ 0.1622 /Mcf	\$ 0.9176 /Mcf

**LOUISVILLE GAS AND ELECTRIC COMPANY**

Gas Supply Clause 2023-00089  
 Gas Cost True-Up Charge Applicable to Customers  
 Served Under Rate FT and Rider TS-2  
 For Service Rendered On and After May 1, 2023

Line No.	With Service Elected Effective (1)	Applicable Components of GCAA/Mcf (2)	Applicable Components of GCBA/Mcf (3)	Applicable Components of PBRRC/Mcf (4)	Total/Mcf (5)=(2)+(3)+(4)
1	November 1, 2021	\$0.0000	\$0.0000	\$0.0000	\$0.0000
2	November 1, 2022	\$0.6612	\$0.0942	\$0.1622	\$0.9176

**LOUISVILLE GAS AND ELECTRIC COMPANY**

**GAS SERVICE RATES EFFECTIVE WITH SERVICE  
RENDERED FROM  
May 1, 2023 through July 31, 2023**

	BASIC SERVICE CHARGE (PER DAY)	GAS LINE TRACKER DISTRIBUTION CHARGE (PER MONTH)	DEMAND CHARGE COMPONENT	DISTRIBUTION COST COMPONENT	RATE PER 100 CUBIC FEET			TOTAL
					GAS SUPPLY COST COMPONENT (GSCC)	DSM COST RECOVERY COMPONENT	GAS LINE TRACKER TRANSMISSION PROJECTS COMPONENT	
RATE RGS - RESIDENTIAL/RATE VFD - VOLUNTEER FIRE DEPARTMENT								
BASIC SERVICE CHARGE	\$0.65	\$1.39						
ALL CCF				\$0.51809	\$0.39365	\$0.00337	\$0.00256	\$0.91767
RATE CGS - COMMERCIAL (meter capacity < 5000 CF/HR)								
BASIC SERVICE CHARGE	\$2.30	\$6.91						
APRIL THRU OCTOBER								
FIRST 1000 CCF/MONTH				\$0.38950	\$0.39365	\$0.00096	\$0.00204	\$0.78615
OVER 1000 CCF/MONTH				\$0.33950	\$0.39365	\$0.00096	\$0.00204	\$0.73615
NOVEMBER THRU MARCH								
ALL CCF				\$0.38950	\$0.39365	\$0.00096	\$0.00204	\$0.78615
RATE CGS - COMMERCIAL (meter capacity >= 5000 CF/HR)								
BASIC SERVICE CHARGE	\$11.00	\$6.91						
APRIL THRU OCTOBER								
FIRST 1000 CCF/MONTH				\$0.38950	\$0.39365	\$0.00096	\$0.00204	\$0.78615
OVER 1000 CCF/MONTH				\$0.33950	\$0.39365	\$0.00096	\$0.00204	\$0.73615
NOVEMBER THRU MARCH								
ALL CCF				\$0.38950	\$0.39365	\$0.00096	\$0.00204	\$0.78615
RATE IGS - INDUSTRIAL (meter capacity < 5000 CF/HR)								
BASIC SERVICE CHARGE	\$5.42	\$94.58						
APRIL THRU OCTOBER								
FIRST 1000 CCF/MONTH				\$0.27023	\$0.39365	\$0.00096	\$0.00132	\$0.66616
OVER 1000 CCF/MONTH				\$0.22023	\$0.39365	\$0.00096	\$0.00132	\$0.61616
NOVEMBER THRU MARCH								
ALL CCF				\$0.27023	\$0.39365	\$0.00096	\$0.00132	\$0.66616
RATE IGS - INDUSTRIAL (meter capacity >= 5000 CF/HR)								
BASIC SERVICE CHARGE	\$24.64	\$94.58						
APRIL THRU OCTOBER								
FIRST 1000 CCF/MONTH				\$0.27023	\$0.39365	\$0.00096	\$0.00132	\$0.66616
OVER 1000 CCF/MONTH				\$0.22023	\$0.39365	\$0.00096	\$0.00132	\$0.61616
NOVEMBER THRU MARCH								
ALL CCF				\$0.27023	\$0.39365	\$0.00096	\$0.00132	\$0.66616
	(PER MONTH)							
RATE AAGS								
BASIC SERVICE CHARGE	\$630.00	\$94.58						
ALL MCF				\$1.92280	\$3.9365	\$0.00960	\$0.01320	\$5.88210
RATE SGSS - COMMERCIAL								
BASIC SERVICE CHARGE	\$335.00	\$6.91						
MONTHLY BILLING DEMAND			\$7.17					
ALL MCF				\$0.41060	\$3.9365	\$0.00960	\$0.02040	\$4.37710
RATE SGSS - INDUSTRIAL								
BASIC SERVICE CHARGE	\$750.00	\$6.91						
MONTHLY BILLING DEMAND			\$10.89					
ALL MCF				\$0.31000	\$3.9365	\$0.00960	\$0.02040	\$4.27650

	BASIC SERVICE CHARGE (PER MONTH)	GAS LINE TRACKER DISTRIBUTION CHARGE (PER MONTH)	RATE PER 100 CUBIC FEET				GAS LINE TRACKER TRANSMISSION PROJECTS COMPONENT	TOTAL
			DEMAND CHARGE COMPONENT	DISTRIBUTION COST COMPONENT	GAS SUPPLY COST COMPONENT (GSCC)	DSM COST RECOVERY COMPONENT		
RATE DGGS - COMMERCIAL & INDUSTRIAL (meter capacity <5000 CF/HR)								
BASIC SERVICE CHARGE	\$165.00	\$94.58						
MONTHLY BILLING DEMAND ALL CCF			\$1.08900	\$0.03100	\$0.39365	\$0.00132	\$0.42597	
RATE DGGS - COMMERCIAL & INDUSTRIAL (meter capacity >= 5000 CF/HR)								
BASIC SERVICE CHARGE	\$750.00	\$94.58						
MONTHLY BILLING DEMAND ALL CCF			\$1.08900	\$0.03100	\$0.39365	\$0.00132	\$0.42597	

**EFFECTIVE RATES FOR RIDER TS-2 TRANSPORTATION SERVICE**

**GAS SERVICE RATES EFFECTIVE WITH SERVICE RENDERED FROM  
May 1, 2023 through July 31, 2023**

Charges in addition to Customer's Retail Rate	ADMIN. CHARGE (PER MONTH)	PIPELINE SUPPLIER'S DEMAND COMPONENT
		RATE PER MCF
<b>Rider TS-2</b>		
RATE CGS - COMMERCIAL	\$550.00	
APRIL THRU OCTOBER		
FIRST 100 MCF/MONTH		\$0.9782
OVER 100 MCF/MONTH		\$0.9782
NOVEMBER THRU MARCH		
ALL MCF		\$0.9782
RATE IGS - INDUSTRIAL	\$550.00	
APRIL THRU OCTOBER		
FIRST 100 MCF/MONTH		\$0.9782
OVER 100 MCF/MONTH		\$0.9782
NOVEMBER THRU MARCH		
ALL MCF		\$0.9782
Rate AAGS	\$550.00	\$0.9782
Rate DGGS	\$550.00	\$0.9782

**L G & E**

**Charges for Gas Transportation Services Provided Under Rate FT**

May 1, 2023 through July 31, 2023

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Transportation Service:

Monthly Transportation Administrative Charge	\$550.00
Basic Service Charge	\$750.00
Demand Charge / Mcf Delivered	\$7.38
Distribution Charge / Mcf Delivered	\$0.0456
Gas Line Tracker Transmission Projects / Mcf Delivered	\$0.0015
Demand-Side Management Cost Recovery Mechanism / Mcf Delivered	\$0.0096

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Ancillary Services:

Daily Demand Charge	\$0.1789
Daily Storage Charge	<u>\$0.3797</u>
Utilization Charge per Mcf for Daily Balancing	\$0.5586

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Cash-Out Provision for Monthly Imbalances	Percentage to be Multiplied by Cash-Out Price as Described in Rate FT
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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%

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**L G & E**

**Charges for Gas Delivery Services Provided Under Rate LGDS**

May 1, 2023 through July 31, 2023

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Delivery Service

Monthly Transportation Administrative Charge	\$550.00
Basic Service Charge	\$750.00
Demand Charge / Mcf Delivered	\$7.38
Distribution Charge / Mcf Delivered	\$0.0456
Gas Line Tracker Transmission Projects / Mcf Delivered	\$0.0015

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Ancillary Services:

Daily Demand Charge	\$0.1789
Daily Storage Charge	<u>\$0.3797</u>
Utilization Charge per Mcf for Daily Balancing	\$0.5586

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Cash-Out Provision for Monthly Imbalances

Percentage to be  
Multiplied by  
Cash-Out Price as Deccribed in Rate LGDS

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Cash-Out Provision for Monthly Imbalances:

Where Usage is Greater than Delivered Volume - Billing:

First 5% or less	100%
next 5%	110%
next 5%	120%
next 5%	130%
> than 20%	140%

Where Delivered Volume is Greater than Usage - Purchase:

First 5% or less	100%
next 5%	90%
next 5%	80%
next 5%	70%
> than 20%	60%

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